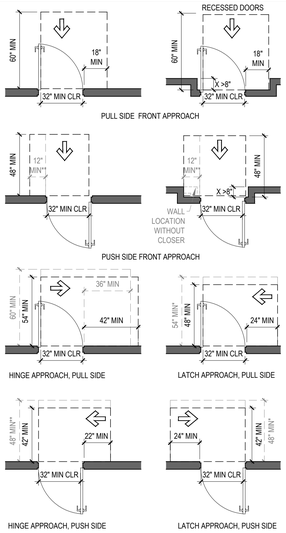
ACCESSIBILITY DIAGRAMS FOR DWELLING UNITS PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN



CLEAR WIDTH:

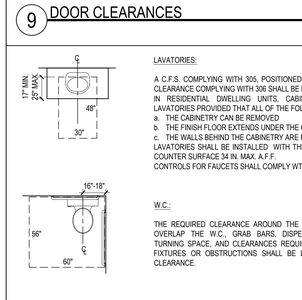
1. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 IN. MIN. OPENING SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES.
2. OPENINGS MORE THAN 24 IN. DEEP SHALL PROVIDE A CLEAR OPENING OF 36 IN. MIN.
3. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34" A.F.F. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 IN. AND 80 IN. A.F.F. SHALL NOT EXCEED 4 IN. *EXCEPTION:* DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 IN. MIN. A.F.F.
4. MINIMUM MANEUVERING CLEARANCES AT DOORS (AND GATES) SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE.

RECESSED DOORS:

1. MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 IN. OF THE LATCH SIDE OF A DOORWAY PROJECTS MORE THAN 8 IN. BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR. *ADVISORY:* A DOOR CAN BE RECESSED DUE TO WALL THICKNESS OR THE PLACEMENT OF CASEWORK AND OTHER FIXED ELEMENTS ADJACENT TO THE DOOR. THIS PROVISION MUST BE APPLIED WHEREVER DOORS ARE RECESSED.

*WITH CLOSER
** WITH CLOSER AND LATCH

9 DOOR CLEARANCES



LAVATORIES:

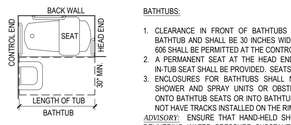
A C.F.S. COMPLYING WITH 305, POSITIONED FOR A FORWARD APPROACH AND KNEE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED.
IN RESIDENTIAL DWELLING UNITS, CABINETRY SHALL BE PERMITTED UNDER LAVATORIES PROVIDED THAT ALL OF THE FOLLOWING CONDITIONS ARE MET:
a. THE CABINETRY CAN BE REMOVED
b. THE FINISH FLOOR EXTENDS UNDER THE CABINETRY
c. THE WALLS BEHIND THE CABINETRY ARE FINISHED
LAVATORIES SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 IN. MAX. A.F.F.
CONTROLS FOR FAUCETS SHALL COMPLY WITH 309.

W.C.:

THE REQUIRED CLEARANCE AROUND THE W.C.[56"x60"] SHALL BE PERMITTED TO OVERLAP THE W.C., GRAB BARS, DISPENSERS, ACCESSIBLE ROUTES, C.F.S., TURNING SPACE, AND CLEARANCES REQUIRED AT OTHER FIXTURES. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED W.C. CLEARANCE.

EXCEPTION:

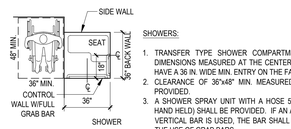
IN RESIDENTIAL DWELLING UNITS, A LAVATORY COMPLYING WITH 606 SHALL BE PERMITTED ON THE REAR WALL 18 IN. MIN. FROM THE W.C. CENTERLINE WHERE THE CLEARANCE AT THE W.C. IS 66 INCHES MIN. MEASURED PERPENDICULAR FROM THE REAR WALL.
ADVISORY: WHEN THE DOOR TO THE TOILET ROOM IS PLACED DIRECTLY IN FRONT OF THE W.C., THE W.C. CANNOT OVERLAP THE REQUIRED MANEUVERING CLEARANCE FOR THE DOOR INSIDE THE ROOM.



BATHTUBS:

1. CLEARANCE IN FRONT OF BATHTUBS SHALL EXTEND THE LENGTH OF THE BATHTUB AND SHALL BE 30 INCHES WIDE MIN. A LAVATORY COMPLYING WITH 606 SHALL BE PERMITTED AT THE CONTROL END OF THE CLEARANCE.
2. A PERMANENT SEAT AT THE HEAD END OF THE BATHTUB OR A REMOVABLE IN-TUB SEAT SHALL BE PROVIDED. SEATS SHALL COMPLY WITH 610.
3. ENCLOSURES FOR BATHTUBS SHALL NOT OBSTRUCT CONTROLS, FAUCETS, SHOWER AND SPRAY UNITS OR OBSTRUCT TRANSFER FROM WHEELCHAIRS ONTO BATHTUB SEATS OR INTO BATHTUBS. ENCLOSURES ON BATHTUBS SHALL NOT HAVE TRACKS INSTALLED ON THE RIM OF THE OPEN FACE OF THE BATHTUB.

ADVISORY: ENSURE THAT HAND-HELD SHOWER SPRAY UNITS ARE CAPABLE OF DELIVERING WATER PRESSURE SUBSTANTIALLY EQUIVALENT TO FIXED SHOWER HEADS.



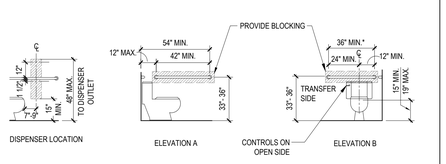
SHOWERS:

1. TRANSFER TYPE SHOWER COMPARTMENTS SHALL BE 36"x36" CLEAR INSIDE DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES AND SHALL HAVE A 36 IN. WIDE MIN. ENTRY ON THE FACE OF THE SHOWER.
2. CLEARANCE OF 36"x48" MIN. MEASURED FROM THE CONTROL WALL SHALL BE PROVIDED.
3. A SHOWER SPRAY UNIT WITH A HOSE 59 IN. LONG MIN. (USED BOTH AS FIXED & HAND HELD) SHALL BE PROVIDED. IF AN ADJUSTABLE-HEIGHT SHOWER HEAD ON A VERTICAL BAR IS USED, THE BAR SHALL BE INSTALLED SO AS NOT TO OBSTRUCT THE USE OF GRAB BARS.

8 BATHROOM ELEMENTS

GRAB BARS:

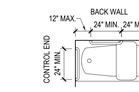
1. GRAB BARS FOR WATER CLOSETS SHALL COMPLY WITH 609. GRAB BARS SHALL BE PROVIDED ON THE SIDE WALL CLOSEST TO THE WATER CLOSET AND ON THE REAR WALL.
2. IN RESIDENTIAL DWELLING UNITS, GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN TOILET OR BATHROOMS PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH 604.5.
3. THE SIDE WALL GRAB BAR SHALL BE 42 IN. LONG MIN. LOCATED 12 IN. MAX. FROM THE REAR WALL AND EXTENDING 54 IN. MIN. FROM THE REAR WALL.
4. THE REAR WALL GRAB BAR SHALL BE 36 IN. LONG MIN. AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 IN. MIN. ON ONE SIDE AND 24 INCHES MIN. ON THE OTHER SIDE.
5. THE REAR GRAB BAR SHALL BE PERMITTED TO BE 24 IN. LONG MIN., CENTERED ON THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A LENGTH OF 36 IN. MIN DUE TO THE LOCATION OF A RECESSED FIXTURE ADJACENT TO THE WATER CLOSET.;
6. GRAB BARS SHALL BE INSTALLED 33 IN. MIN. AND 36 IN. MAX A.F.F. MEASURED TO THE TOP OF THE GRIPPING SURFACE.
7. PROVIDE FOR A VERTICAL OR HORIZONTAL FORCE OF 250 LBS. IF APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.

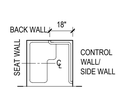


7 GRAB BAR REINFORCING AT WATER CLOSETS

SHOWER:

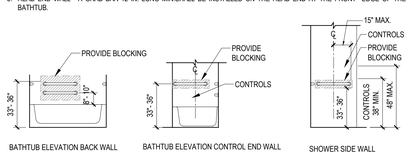
1. GRAB BARS SHALL BE PROVIDED ACROSS THE CONTROL WALL AND BACK WALL TO A POINT 18 IN. FROM THE CONTROL WALL
2. GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS.
3. A SEAT SHALL NOT BE REQUIRED PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN THE WALLS TO PERMIT SEAT INSTALLATION.
4. THE CONTROLS, FAUCET, AND SHOWER SPRAY UNIT SHALL BE INSTALLED ON THE SIDE WALL OPPOSITE THE SEAT 38 IN. MIN. AND 48 IN. MAX ABOVE SHOWER FLOOR AND LOCATED ON THE CONTROL WALL 15 IN. MAX. FROM THE CENTERLINE OF THE SEAT TOWARD THE SHOWER OPENING.





BATHTUB:

1. CONTROLS SHALL BE LOCATED ON AN END WALL. CONTROLS SHALL BE BETWEEN THE BATHTUB RIM AND GRAB BAR, AND BETWEEN THE OPEN SIDE OF THE BATHTUB AND THE CENTERLINE OF THE WIDTH OF THE BATHTUB.
2. GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS.
3. BACK WALL - TWO GRAB BARS SHALL BE INSTALLED, ONE LOCATED IN ACCORDANCE WITH 609.4 AND THE OTHER LOCATED 8 IN. MIN. AND 10 IN. MAX. ABOVE THE RIM OF BATHTUB. EACH GRAB BAR WILL BE INSTALLED 15 IN. MAX. FROM THE HEAD END WALL AND 12 IN. MAX. FROM THE CONTROL END WALL.
4. CONTROL END WALL - A GRAB BAR 24 IN. LONG MIN. SHALL BE INSTALLED ON THE CONTROL END AT THE FRONT EDGE OF BATHTUB.
5. HEAD END WALL - A GRAB BAR 12 IN. LONG MIN.SHALL BE INSTALLED ON THE HEAD END AT THE FRONT EDGE OF THE BATHTUB.



6 GRAB BAR REINFORCING AT TUBS & SHOWERS

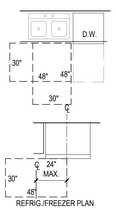
WASHING MACHINES AND CLOTHES DRYERS:

1. A CLEAR FLOOR OR GROUND SPACE POSITIONED FOR PARALLEL APPROACH SHALL BE PROVIDED. THE C.F.S. SHALL BE CENTERED ON THE APPLIANCE.
2. OPERABLE PARTS INCLUDING DOORS, LINT SCREENS, AND DETERGENT AND BLEACH COMPARTMENTS SHALL COMPLY WITH 309.
3. TOP LOADING MACHINES SHALL HAVE THE DOOR TO THE LAUNDRY COMPARTMENT LOCATED 36 INCHES MAX. A.F.F. FRONT LOADING MACHINES SHALL HAVE THE BOTTOM OF THE OPENING TO THE LAUNDRY COMPARTMENT LOCATED 15 IN. MIN. AND 36 IN. MAX A.F.F.



SINKS:

1. A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH, WITH KNEE AND TOE CLEARANCE SHALL BE PROVIDED.
2. CABINETRY SHALL BE PERMITTED UNDER KITCHEN SINKS PROVIDED THAT ALL OF THE FOLLOWING CONDITIONS ARE MET:
   a. CABINETRY CAN BE REMOVED WITHOUT REMOVING FIXTURE.
   b. THE FINISH FLOOR EXTENDS UNDER THE CABINETRY
   c. WALLS BEHIND & SURROUNDING THE CABINETRY ARE FINISHED
3. NO MORE THAN ONE BOWL IN DOUBLE BOWL SINKS SHALL BE REQUIRED TO PROVIDE KNEE AND TOE CLEARANCE
4. THE HIGHEST RIM OF SINK/COUNTER SHALL BE 34" A.F.F. MAX.
5. WATER SUPPLY/DRAIN PIPES SHALL BE INSULATED.



DISHWASHER:

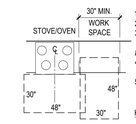
1. CLEAR FLOOR SPACE SHALL BE POSITIONED ADJACENT TO THE DISHWASHER DOOR. THE DISHWASHER DOOR, IN THE OPEN POSITION SHALL NOT OBSTRUCT THE CLEAR FLOOR OR GROUND SPACE FOR THE DISHWASHER OR THE SINK.

EXCEPTIONS TO APPLIANCE CONTROLS:

2. APPLIANCE DOORS AND DOOR LATCHING DEVICES SHALL NOT BE REQUIRED TO COMPLY WITH 309.4
3. BOTTOM-HINGED APPLIANCE DOORS, WHEN IN THE OPEN POSITION, SHALL NOT BE REQUIRED TO COMPLY WITH 309.3

REFRIGERATOR/FREEZER:

1. THE CLEAR FLOOR SPACE SHALL BE POSITIONED FOR A PARALLEL APPROACH TO THE REFRIGERATOR/FREEZER WITH THE CENTERLINE OF THE C.F.S. OFFSET 24 IN. MAX. FROM THE CENTERLINE OF THE DEDICATED SPACE.
2. COMBINATION REFRIGERATORS AND FREEZERS SHALL HAVE AT LEAST 50 PERCENT OF THE FREEZER SPACE 54 IN. MAX. A.F.F.



OVEN:

1. CLEAR FLOOR SPACE SHALL BE PROVIDED AT STOVE/OVEN.
2. OVENS SHALL HAVE CONTROLS ON FRONT PANELS.
3. BOTTOM HINGED DOOR OVENS SHALL HAVE THE WORK SURFACE REQUIRED BY 804.3 POSITIONED ADJACENT TO ONE SIDE OF THE DOOR.

EXCEPTIONS TO APPLIANCE CONTROLS:

4. APPLIANCE DOORS AND DOOR LATCHING DEVICES SHALL NOT BE REQUIRED TO COMPLY WITH 309.4
5. BOTTOM-HINGED APPLIANCE DOORS, WHEN IN THE OPEN POSITION, SHALL NOT BE REQUIRED TO COMPLY WITH 309.3

KITCHEN WORK SURFACE:

1. A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH, WITH KNEE AND TOE CLEARANCE SHALL BE PROVIDED.
2. CABINETRY SHALL BE PERMITTED UNDER WORK SURFACE PROVIDED THAT ALL OF THE FOLLOWING CONDITIONS ARE MET:
   a. CABINETRY CAN BE REMOVED
   b. THE FINISH FLOOR EXTENDS UNDER THE CABINETRY
   c. WALLS BEHIND & SURROUNDING THE CABINETRY ARE FINISHED
3. THE WORK SURFACE SHALL BE 34" A.F.F. MAX.

RANGE OR COOKTOP:

1. WHERE A FORWARD APPROACH IS PROVIDED, THE C.F.S. SHALL PROVIDE KNEE AND TOE CLEARANCE COMPLYING WITH 306.
2. WHERE KNEE AND TOE SPACE IS PROVIDED, THE UNDERSIDE OF THE RANGE OR COOKTOP SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PREVENT BURNS, ABRASIONS, OR ELECTRICAL SHOCK. THE LOCATION OF CONTROLS SHALL NOT REQUIRE REACHING ACROSS BURNERS.



PASS THROUGH KITCHEN:

1. IN PASS THROUGH KITCHENS, WHERE COUNTERS, APPLIANCES OR CABINETS ARE ON TWO OPPOSING SIDES, OR WHERE COUNTERS, APPLIANCES OR CABINETS ARE OPPOSITE A PARALLEL WALL, CLEARANCE BETWEEN ALL OPPOSING BASE CABINETS, COUNTER TOPS, APPLIANCES, OR WALLS WITHIN KITCHEN WORK AREAS SHALL BE 40 INCHES MIN. PASS THROUGH KITCHENS SHALL HAVE TWO ENTRIES.

U-SHAPED KITCHENS:

1. IN U-SHAPED KITCHENS ENCLOSED ON THREE CONTIGUOUS SIDES, CLEARANCE BETWEEN ALL OPPOSING BASE CABINETS, COUNTER TOPS, APPLIANCES, OR WALLS WITHIN KITCHEN WORK AREAS SHALL BE 60 INCHES MIN.

5 CLEARANCE KITCHEN AND LAUNDRY ELEMENTS

ADA ACCESIBILITY NOTES

ACCESSIBLE DWELLING UNITS

DIMENSIONS ARE TO FINISH MATERIALS - DIMENSIONS NOTED AS MIN. OR MAX. OR CLEAR

DISTRIBUTION: ACCESSIBLE UNITS SHALL BE DISPERSED AMONG THE VARIOUS UNIT CLASSES. (REF. 233.5)

- AT LEAST 5 PERCENT (NOT LESS THAN ONE) OF THE TOTAL NUMBER OF DWELLING UNITS SHALL PROVIDE MOBILITY FEATURES COMPLYING WITH 809.2 THROUGH 809.4.
- AT LEAST 2 PERCENT (NOT LESS THAN ONE) OF THE TOTAL NUMBER OF DWELLING UNITS SHALL PROVIDE COMMUNICATION FEATURES COMPLYING WITH 809.5.

1. ACCESSIBLE ROUTE: (REFER TO 402 AND DETAIL 1 THIS SHEET)
   AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PARKING SPACES, LOADING ZONES, PUBLIC STREETS AND SIDEWALKS, AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE BUILDING ENTRANCE.

2. GROUND AND FLOOR SURFACES: (REF. TO 302 AND DETAIL 2 THIS SHEET)
- GROUND AND FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP-RESISTANT.
- VERTICAL- CHANGES IN LEVEL OF 1/4" MAX. IN HEIGHT SHALL BE PERMITTED TO BE VERTICAL.
- BEVELED - CHANGES IN LEVEL BETWEEN 1/4" IN. HIGH MIN. AND 1/2 IN. HIGH MAX. SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL EXCEEDING 1/2 IN. HEIGHT MUST COMPLY WITH 405 (RAMPS) OR 406 (CURB RAMPS).
- CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. PILE HEIGHT SHALL BE 1/2 IN. MAX. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. EDGE TRIM SHALL COMPLY WITH 303 (CHANGES IN LEVEL).

3. KITCHENS: (REFER TO 804 AND DETAIL 3 THIS SHEET)
- PASS THROUGH - WHERE COUNTERS, APPLIANCES OR CABINETS ARE ON TWO OPPOSING SIDES, THE CLEARANCE BETWEEN ALL OPPOSING BASE CABINETS, COUNTER TOPS, APPLIANCES, OR WALLS WITHIN WORK AREAS SHALL BE 40 IN. MIN.
- U-SHAPED - THE CLEARANCE BETWEEN ALL OPPOSING BASE CABINETS, COUNTER TOPS, APPLIANCES, OR WALLS WITH WORK AREAS SHALL BE 60 IN. MIN.
- AT LEAST 50 PERCENT OF SHELF SPACE IN STORAGE FACILITIES SHALL COMPLY WITH 811 (STORAGE).
- A CLEAR FLOOR SPACE COMPLYING WITH 305 (CLEAR FLOOR OR GROUND SPACE) SHALL BE PROVIDED AT EACH KITCHEN APPLIANCE. CLEAR FLOOR SPACES ARE PERMITTED TO OVERLAP.
- ALL APPLIANCE CONTROLS SHALL COMPLY WITH 309 (OPERABLE PARTS).
- IN RESIDENTIAL UNITS, AT LEAST ONE 30" MIN. WIDE SECTION OF COUNTER SHALL PROVIDE A KITCHEN WORK SURFACE. A C.F.S. POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED. THE C.F.S SHALL BE CENTERED ON THE WORK SURFACE AND SHALL PROVIDE KNEE AND TOE CLEARANCE. SEE DETAIL 4 FOR EXCEPTIONS.

4. COOK TOP/STOVE AND WORK SPACE:
   IN RESIDENTIAL DWELLING UNITS, THE REQUIRED WORK SURFACE SHALL BE PLACED ADJACENT TO THE STOVE, REF. DETAIL 4 FOR REQUIREMENTS.

5. REFRIGERATOR: REF. TO DETAIL 5 FOR REQUIREMENTS

6. DISHWASHER: REF TO DETAIL 6 FOR REQUIREMENTS

7. SINK: REF TO DETAIL 7 FOR REQUIREMENTS

8. WASHING MACHINES AND DRYERS: REF TO DETAIL 8 FOR REQUIREMENTS

9. GRAB BARS AT BATHTUBS AND SHOWERS: (REF. 609 AND DETAIL 9)

10. GRAB BARS AT WATER CLOSETS: (REF. 609 AND DETAIL 10)
- GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/2 IN. MIN. AND 2 IN. MAX.
- THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2 IN. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2 IN. MIN. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 IN. MIN.
- GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 IN. MIN. AND 36 IN. MAX. A.F.F. MEASURED TO THE TOP O F THE GRIPPING SURFACE.
- GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
- ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE

11. BATHTUBS AND SHOWERS: REF DETAIL 11 FOR REQUIREMENTS

12. WATER CLOSETS: REF. DETAIL 12 FOR REQUIREMENTS

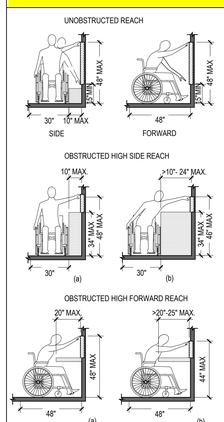
13. LAVATORIES: REF. DETAIL 13 FOR REQUIREMENTS

14. DOORS:
- MANUAL DOORS AND DOORWAYS AND MANUAL GATES INTENDED FOR USER PASSAGE SHALL COMPLY WITH DETAIL 6 (404.2).
- MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE
- THRESHOLDS AT DOORWAYS SHALL BE 1/2 IN. HIGH MAX. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 302 (FLOOR AND GROUND SURFACES) AND 303 (CHANGES IN LEVEL).
- HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS SHALL COMPLY WITH 309.4 (OPERATION). OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 IN. MIN. AND 48 IN. MAX. A.F.F. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.
- DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MIN.
- THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE 5 LBS MAX.
- IN RESIDENTIAL DWELLING UNITS, A HARD-WIRED ELECTRIC DOORBELL SHALL BE PROVIDED.
- IN DOORS, PEEPHOLES SHOULD OFFER A WIDE-ANGLE VIEW OF THE EXTERIOR FOR BOTH STANDING PERSONS AND WHEELCHAIR USERS.

15: KNEE AND TOE CLEARANCE: (REF. 306 AND DETAIL 15)

16. REACH RANGES: (REF. 308 AND DETAIL 16)
- REACH RANGES ARE GRAPHICALLY SHOWN IN DETAIL 16.
- A CLEAR FLOOR SPACE IS REQUIRED FOR EACH REACH RANGE, EITHER PARALLEL OR FORWARD.
- OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN 308.

17. OPERABLE PARTS: (REF 309)
- OPERABLE PARTS ON ACCESSIBLE ROUTES, AND IN ACCESSIBLE ROOMS AND SPACES SHALL COMPLY WITH 309 (OPERABLE PARTS).
- INCLUDE BUT ARE NOT LIMITED TO: LIGHTING SWITCHES, CIRCUIT BREAKERS, DUPLEXES AND OTHER CONVENIENT RECEPTACLES, ENVIRONMENTAL CONTROLS AND APPLIANCE CONTROLS, PLUMBING FIXTURE CONTROLS AND SECURITY AND INTERCOM SYSTEMS. *EXCEPTIONS:* PARTS INTENDED FOR USE BY MAINTENANCE PERSONNEL, ELECTRICAL OR COMMUNICATION RECEPTACLES SERVING A DEDICATED USE, FLOOR ELECTRICAL RECEPTACLES, AND HVAC DIFFUSERS. (REF. 205.1)
- EXCEPT FOR LIGHT SWITCHES, WHERE REDUNDANT CONTROLS ARE PROVIDED FOR A SINGLE ELEMENT, ONE CONTROL IN EACH SPACE SHALL NOT BE REQUIRED TO COMPLY WITH 309.
- WHERE TWO OR MORE OUTLETS ARE PROVIDED IN A KITCHEN ABOVE A LENGTH OF COUNTER TOP THAT IS UNINTERRUPTED BY A SINK OR APPLIANCE, ONE OUTLET SHALL NOT BE REQUIRED TO COMPLY WITH 309.
- WHERE OPERABLE WINDOWS ARE PROVIDED, AT LEAST ONE WINDOW IN EACH SLEEPING, LIVING, OR DINING SPACE SHALL HAVE OPERABLE PARTS. EACH REQUIRED OPERABLE WINDOW SHALL HAVE OPERABLE PARTS. (REF. 229)



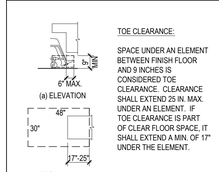
FORWARD REACH:

1. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48" MAX. AND THE LOW FORWARD REACH SHALL BE 15" MIN. A.F.F.
2. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE C.F.S. SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48" MAX. WHERE THE REACH DEPTH IS 20" MAX. WHERE THE REACH DEPTH EXCEEDS 20", THE HIGH FORWARD REACH SHALL BE 44" MAX. AND THE REACH DEPTH SHALL BE 25" MAX.

SIDE REACH:

1. WHERE A CLEAR FLOOR SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48" MAX. AND THE LOW SIDE REACH SHALL BE 15" MIN. ABOVE THE FLOOR. EXCEPTION: AN OBSTRUCTION SHALL BE PERMITTED BETWEEN THE C.F.S. AND THE ELEMENT WHERE THE DEPTH OF THE OBSTRUCTION IS 10 IN. MAX.
2. WHERE A CLEAR FLOOR SPACE ALLOWS A PARALLEL APPROACH TO AN OBJECT AND THE HIGH SIDE IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34" MAX. AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24" MAX. THE HIGH SIDE REACH SHALL BE 48" MAX. FOR A REACH DEPTH OF 10" MAX. WHERE THE REACH DEPTH EXCEEDS 10", THE HIGH SIDE REACH SHALL BE 46" MAX. FOR A REACH DEPTH OF 24" MAX.

4 REACH RANGES



TOE CLEARANCE:

SPACE UNDER AN ELEMENT BETWEEN FINISH FLOOR AND 9 INCHES IS CONSIDERED TOE CLEARANCE. CLEARANCE SHALL EXTEND 25 IN. MAX. UNDER AN ELEMENT. IF TOE CLEARANCE IS PART OF CLEAR FLOOR SPACE, IT SHALL EXTEND A MIN. OF 17" UNDER THE ELEMENT.

KNEE CLEARANCE:

SPACE UNDER AN ELEMENT BETWEEN 9 IN. AND 27 INCHES A.F.F. IS CONSIDERED KNEE CLEARANCE. CLEARANCE SHALL EXTEND 25 IN. MAX. UNDER AN ELEMENT AT 9 IN. A.F.F. IF KNEE CLEARANCE IS REQUIRED AS PART OF C.F.S., THE KNEE CLEARANCE SHALL BE 11 IN. DEEP MIN. AT 9 IN. A.F.F. AND 8 IN. DEEP MIN. AT 27 IN. A.F.F.

3 KNEE AND TOE CLEARANCE

FAIR HOUSING NOTES

FAIR HOUSING DWELLING UNITS

DIMENSIONS ARE TO FINISH MATERIALS - DIMENSIONS NOTED AS MIN. OR MAX. OR CLEAR

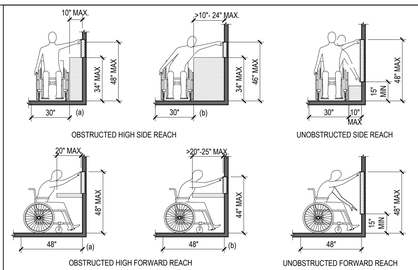
FAIR HOUSING UNITS ARE DESIGNED AND CONSTRUCTED TO PROVIDE A MINIMAL LEVEL OF ACCESSIBILITY.
FAIR HOUSING UNIT REQUIREMENTS ARE INTENDED TO BE CONSISTENT WITH FAIR HOUSING AMENDMENTS ACT (FHA).
FAIR HOUSING UNITS FOLLOW THE TECHNICAL REQUIREMENTS OF SECTION 1004 OF ICC A117.1

ACCESSIBLE ROUTE:
1. THE ACCESSIBLE PRIMARY ENTRANCE SHALL BE ON AN ACCESSIBLE ROUTE FROM PUBLIC AND COMMON AREAS.
2. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ALL SPACES & ELEMENTS WHICH ARE PART OF THE DWELLING UNIT. AN ACCESSIBLE ROUTE SHALL HAVE A CLEAR WIDTH OF 36" MIN.
3. ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING ELEMENTS: WALKING SURFACES WITH A SLOPE NOT STEEPER THAN 1:20, DOORWAYS, RAMPS, ELEVATORS, AND WHEELCHAIR (PLATFORM) LIFTS. WHERE EXTERIOR PATIO/BALCONY SURFACES ARE IMPERVIOUS, THE FINISHED IMPERVIOUS SURFACE SHALL BE 4" MAX. BELOW THE FLOOR LEVEL OF THE ADJACENT INTERIOR SPACES OF THE UNIT.

DOORS:
1. THE PRIMARY ENTRANCE DOOR TO THE DWELLING UNIT SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32". CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. MANEUVERING CLEARANCES SHALL NOT BE REQUIRED ON THE DWELLING UNIT SIDE OF THE PRIMARY ENTRANCE DOOR.
2. ALL DOORWAYS INTENDED FOR USER PASSAGE WITHIN TH

ACCESSIBILITY DIAGRAMS FOR PUBLIC SPACES PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

16 REACH RANGES

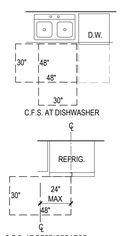


15 STORAGE



AT LEAST 50 PERCENT OF SHELF SPACE IN STORAGE FACILITIES SHALL COMPLY WITH 811.
A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 SHALL BE PROVIDED.
STORAGE ELEMENTS SHALL COMPLY WITH AT LEAST ONE OF THE REACH RANGES SPECIFIED IN 308.
OPERABLE PARTS SHALL COMPLY WITH 309.

14 KITCHEN APPLIANCES



A CLEAR FLOOR SPACE (C.F.S.) SHALL BE PROVIDED AT EACH KITCHEN APPLIANCE.

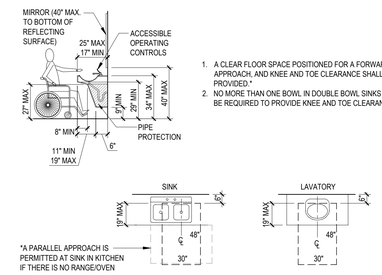
DISHWASHER - THE C.F.S. SHALL BE POSITIONED ADJACENT TO THE DISHWASHER DOOR.

REFRIGERATOR / FREEZER - AT LEAST 50% OF THE FREEZER SPACE SHALL BE 54" MAX. A.F.F., THE C.F.S. SHALL BE POSITIONED FOR A PARALLEL APPROACH WITH CENTERLINE OFFSET 24" MAX.

OVEN - THE C.F.S. SHALL BE POSITIONED FOR A PARALLEL APPROACH. OVENS SHALL HAVE CONTROLS ON FRONT PANELS.

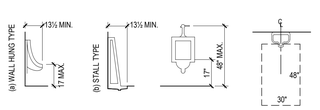
COOKTOP - WHEN A FORWARD APPROACH IS PROVIDED, THE C.F.S. SHALL PROVIDE KNEE AND TOE CLEARANCE. THE UNDERSIDE OF THE COOKTOP SHALL BE INSULATED.

13 LAVATORIES AND SINKS (AND MIRRORS)



1. A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE SHALL BE PROVIDED.*
2. NO MORE THAN ONE BOWL IN DOUBLE BOWL SINKS SHALL BE REQUIRED TO PROVIDE KNEE AND TOE CLEARANCE.

12 URINALS



A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH SHALL BE PROVIDED. FLUSH CONTROLS WILL COMPLY WITH REACH RANGES.

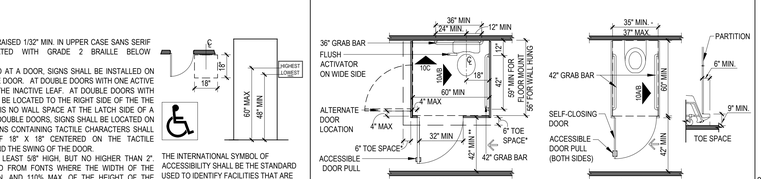
17 GENERAL SIGNAGE

LETTERS AND NUMERALS SHALL BE RAISED 1/32" MIN. IN UPPER CASE SANS SERIF TYPE, AND SHALL BE DUPLICATED WITH GRADE 2 BRAILLE BELOW CORRESPONDING TEXT.
WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, SIGNS SHALL BE INSTALLED ON THE WALL AT THE LATCH SIDE OF THE DOOR. AT DOUBLE DOORS WITH ONE ACTIVE LEAF, SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT SIDE OF THE THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR TO THE RIGHT OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL HAVE A CLEAR FLOOR SPACE OF 18" X 18" CENTERED ON THE TACTILE CHARACTERS, AND BE PLACED BEYOND THE SWING OF THE DOOR.
RAISED CHARACTERS SHALL BE AT LEAST 5/8" HIGH, BUT NO HIGHER THAN 2". CHARACTERS SHOULD BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55% MIN. AND 110% MAX. OF THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15% MAX. OF THE HEIGHT OF THE CHARACTER.
THE CHARACTERS AND BACKGROUND OF SIGNS SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHOULD CONTRAST WITH THEIR BACKGROUND - EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" MIN., WITH A NON GLARE FINISH AND CONTRAST WITH THEIR BACKGROUND. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS PLACED DIRECTLY BELOW THE PICTOGRAM.

THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS.

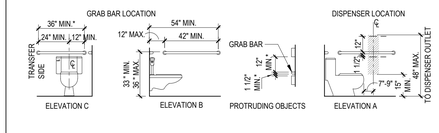


11 WATER CLOSETS



*THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 IN. MINIMUM A.F.F AND EXTEND 6 IN. BEYOND THE COMPARTMENT SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS. TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 62 IN. DEPTH WITH A WALL-HUNG WATER CLOSET, OR GREATER THAN 65 IN. IN DEPTH WITH A FLOOR-MOUNTED WATER CLOSET. TOE CLEARANCE AT THE SIDE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66 IN. IN WIDTH.
**ALL OTHER APPROACHES SHALL BE 48" MIN.

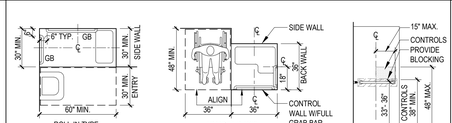
10 GRAB BARS IN WATER CLOSETS



*EXCEPTIONS:
1. THE REAR GRAB BAR SHALL BE PERMITTED TO BE 24 IN. MIN, CENTERED ON THE WATER CLOSET WHERE WALL SPACE DOES NOT PERMIT A LENGTH OF 36 IN. MIN. DUE TO THE LOCATION OF A RECESSED FIXTURE ADJACENT TO THE WATER CLOSET.
2. WHERE AN ADMINISTRATIVE AUTHORITY REQUIRES FLUSH CONTROLS TO BE LOCATED IN A POSITION THAT CONFLICTS WITH THE LOCATION OF THE REAR GRAB BAR, THEN THE REAR GRAB BAR SHALL BE PERMITTED TO BE SPLIT OR SHIFTED TO THE OPEN SIDE OF THE TOILET AREA.

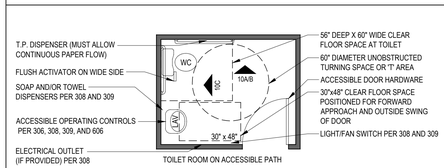
DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW.
*MOUNT TOP OF DISPENSER 1 1/2 IN. MIN. BELOW GRAB BAR, OR BOTTOM OF DISPENSER 12" MIN. ABOVE GRAB BAR.

9 SHOWERS



NOTE: INSIDE FINISHED DIMENSIONS ARE MEASURED AT THE CENTER POINTS OF SIDES
1. GRAB BARS SHALL BE PROVIDED ACROSS THE CONTROL WALL AND BACK WALL TO A POINT 18 IN. FROM THE CONTROL WALL.
2. GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS.
3. A SHOWER SPRAY UNIT 59 IN. LONG MIN. THAT CAN BE USED FIXED OR HAND HELD, SHALL BE PROVIDED. *EXCEPTION:* A FIXED SHOWER HEAD INSTALLED AT 48 IN. MAX. A.F.F. SHALL BE PERMITTED IN FACILITIES OTHER THAN RESIDENTIAL, MEDICAL, TRANSIENT OR LONG TERM CARE.
4. WATER TEMP. SHOULD BE 120 DEGREES MAX.
5. THE CONTROLS, FAUCET, AND SHOWER SPRAY UNIT SHALL BE INSTALLED ON THE SIDE WALL OPPOSITE THE SEAT 38 IN. MIN. AND 48 IN. MAX ABOVE SHOWER FLOOR AND LOCATED ON THE CONTROL WALL 15 IN. MAX. FROM THE CENTERLINE OF THE SEAT TOWARD THE SHOWER OPENING.

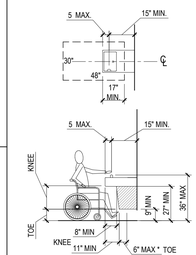
8 TOILET RM. ON ACCESSIBLE ROUTE & OPERABLE PARTS



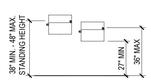
TOILET ROOM:
1. ALL ROOMS SERVED BY AN ACCESSIBLE ROUTE SHALL PROVIDE A TURNING SPACE COMPLYING WITH 304
2. DOORS SHALL BE ALLOWED TO SWING INTO THE TURNING SPACE.
3. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE REQUIRED FOR ANY FIXTURE.
4. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE, EXCEPT AS NOTED IN 604.3.2.

OPERABLE PARTS:
1. OPERABLE PARTS ON ACCESSIBLE ROUTES, AND IN ACCESSIBLE ROOMS AND SPACES SHALL COMPLY WITH 309 (OPERABLE PARTS).
2. EXCEPT FOR LIGHT SWITCHES, WHERE REDUNDANT CONTROLS ARE PROVIDED FOR A SINGLE ELEMENT, ONE CONTROL IN EACH SPACE SHALL NOT BE REQUIRED TO COMPLY WITH 309.
3. WHERE TWO OR MORE OUTLETS ARE PROVIDED IN A KITCHEN ABOVE A LENGTH OF COUNTER TOP THAT IS UNINTERRUPTED BY A SINK OR APPLIANCE, ONE OUTLET SHALL NOT BE REQUIRED TO COMPLY WITH 309.
4. EXERCISE MACHINES AND EXERCISE EQUIPMENT SHALLNOT BE REQUIRED TO COMPLY WITH 309.

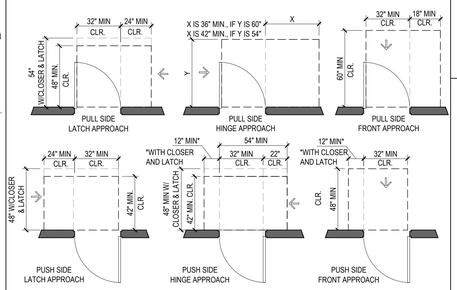
7 DRINKING FOUNTAINS



1. FOUNTAINS SHALL HAVE A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT.
2. OPERABLE PARTS SHALL COMPLY WITH 309.
3. SPOUT OUTLETS SHALL BE 36 IN. MAX. A.F.F.
4. SPOUT SHALL BE LOCATED 15 IN. MIN. FROM VERTICAL SUPPORT, AND 5 IN. MAX. FROM THE FRONT EDGE.
5. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 IN. HIGH MIN. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE FOUNTAIN; THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAX. WHERE SPOUTS ARE 3 IN. TO 5 IN. FROM THE FRONT EDGE OF THE FOUNTAIN, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAX.



6 DOOR CLEARANCES



ACCESSIBILITY NOTES

1. MEANS OF EGRESS:
THE MEANS OF EGRESS SHALL COMPLY WITH THE INTERNATIONAL BUILDING CODE. EXCEPTION: WHERE MEANS OF EGRESS ARE PERMITTED BY LOCAL BUILDING OR LIFE SAFETY CODES TO SHARE A COMMON PATH OF EGRESS TRAVEL, ACCESSIBLE MEANS OF EGRESS SHALL BE PERMITTED TO SHARE A COMMON PATH OF EGRESS TRAVEL.

2. SITE ACCESSIBILITY: (REF. TO 206)
AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PARKING SPACES AND ACCESSIBLE PASSENGER LOADING ZONES; PUBLIC STREETS AND SIDEWALKS; AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE BUILDING ENTRANCE THEY SERVE. AT LEAST 60 PERCENT OF ALL PUBLIC ENTRANCES SHALL COMPLY WITH 404 (DOORS, DOORWAYS, AND GATES).

3. ACCESSIBLE ROUTE: (REF. TO 402 AND DETAIL 3 THIS SHEET)
ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A RUNNING SLOPE NOT STEEPER THAN 1:20, DOORWAYS, RAMPS, CURB RAMPS, ELEVATORS, AND PLATFORM LIFTS. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48. THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36". *EXCEPTION:* THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 IN. MIN. FOR A LENGTH OF 24 IN. MAX. PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 IN. MIN. LONG AND 36 IN. MIN. WIDE. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 IN. SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET MAX. PASSING SPACES SHALL BE EITHER A SPACE 60 IN. MIN. BY 60 IN. MIN.; OR AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE AS SHOWN IN DETAIL 2 (THIS SHEET). ON AN ACCESSIBLE ROUTE, CHANGES IN LEVEL GREATER THAN 1:20 SHALL BE RAMPED, AND COMPLY WITH 405 (RAMPS) OR 406 (CURB RAMPS).

4. PROTRUDING OBJECTS: (REF. TO 307 AND DETAIL 4 THIS SHEET)
OBJECTS WITH THEIR LEADING EDGES BETWEEN 27" AND 80" A.F.F. SHALL PROTRUDE NO MORE THAN 4" MAX. INTO THE CIRCULATION PATH. ELEMENTS LOCATED ON CIRCULATION PATHS, INCLUDING OPERABLE ELEMENTS, MUST COMPLY WITH REQUIREMENTS FOR PROTRUDING OBJECTS. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG CIRCULATION PATHS 12" MAX. WHEN LOCATED 27 IN. MIN. AND 80 IN. MAX. ABOVE THE GROUND OR A.F.F. WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12 IN., THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27 IN. MAX., OR 80 IN. MIN. A.F.F. VERTICAL CLEARANCE SHALL BE 80 IN. HIGH MIN.
GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 IN. HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOADED 27 IN.MAX. A.F.F.

5. GROUND AND FLOOR SURFACES: (REF. TO 302 AND DETAIL 5 THIS SHEET)
- GROUND AND FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP-RESISTANT.
- VERTICAL- CHANGES IN LEVEL OF 1/4" MAX. IN HEIGHT SHALL BE PERMITTED TO BE VERTICAL.
- BEVELED - CHANGES IN LEVEL BETWEEN 1/4" IN. HIGH MIN. AND 1/2 IN. HIGH MAX. SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL EXCEEDING 1/2 IN. HEIGHT MUST COMPLY WITH 405 (RAMPS) OR 406 (CURB RAMPS).
- CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. PILE HEIGHT SHALL BE 1/2 IN. MAX. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. EDGE TRIM SHALL COMPLY WITH 303 (CHANGES IN LEVEL).

6. MANEUVERING CLEARANCES AT DOORS: (REF. TO 404 AND DETAIL 6 THIS SHEET)
- MANUAL DOORS AND DOORWAYS AND MANUAL GATES INTENDED FOR USER PASSAGE SHALL COMPLY WITH DETAIL 6 (404.2).
- MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE.
- THRESHOLDS AT DOORWAYS SHALL BE 1/2 IN. HIGH MAX. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 302 (FLOOR AND GROUND SURFACES) AND 303 (CHANGES IN LEVEL).
- THE DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN A SERIES SHALL BE 48 IN. MIN. PLUS THE WIDTH OF DOORS SWINGING INTO THE SPACE.
- HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS SHALL COMPLY WITH 309.4 (OPERATION). OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 IN. MIN. AND 48 IN. MAX. A.F.F. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.
- DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MIN.
- THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:
(a) FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
(b) OTHER DOORS: INTERIOR HINGED, SLIDING OR FOLDING DOORS - 5 LBS. MAX.
THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT MAY HOLD THE DOOR IN A CLOSED POSITION.

7. DRINKING FOUNTAINS AND WATER COOLERS - (REFER TO ADA 602 AND DETAIL 7 THIS SHEET)
- FOUNTAINS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 (CLEAR FLOOR OR GROUND SPACE), POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH 306 (KNEE AND TOE CLEARANCE) SHALL BE PROVIDED.
- OPERABLE PARTS SHALL COMPLY WITH 309 (OPERABLE PARTS)
- TWO DRINKING FOUNTAINS SHALL BE PROVIDED, ONE COMPLYING WITH 602.1 - 602.6 AND ONE COMPLYING WITH 602.7. (REF. 211.2).

8. CONTROLS AND OPERATING MECHANISMS: (REF. 309 AND DETAIL 8 THIS SHEET)
- A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 (CLEAR FLOOR OR GROUND SPACE) SHALL BE PROVIDED.
- OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN 308 (REACH RANGES).
- OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX.

9. SHOWERS: (REF. 608 AND DETAIL 9 THIS SHEET)
- TRANSFER TYPE SHOWERS SHALL BE 36 IN. BY 36 IN. CLEAR INSIDE DIM., *INCLUDING THE SHOWER PAN. WITH A 36 IN. x 48 IN. CLEARANCE ON OPEN SIDE MEASURED FROM CONTROL WALL.* A ROLL-IN SHOWER SHALL BE 30 IN. x 60 IN. MIN. CLEAR INSIDE WITH A 30 IN. x 60 IN. CLEAR SPACE ADJACENT TO OPEN SIDE.
- GRAB BARS SHALL COMPLY WITH 609.
- A FOLDING OR NON-FOLDING SEAT SHALL BE PROVIDED IN TRANSFER TYPE SHOWER COMPARTMENTS.

10. GRAB BARS: (REF 609 AND DETAIL 10 & 11 THIS SHEET)
- GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/2 IN. MIN. AND 2 IN. MAX
- THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2 IN. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2 IN. MIN. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 IN. MIN.
- GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 IN. MIN. AND 36 IN. MAX. A.F.F. MEASURED TO THE TOP O F THE GRIPPING SURFACE.
- GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
- ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.

11. WATER CLOSETS: (REF. 604 AND DETAIL 11 THIS SHEET)
- CLEAR FLOOR SPACE FOR WATER CLOSETS ARE SHOWN IN DETAIL 11. THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, ASSOCIATED GRAB BARS, DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, COAT HOOKS, SHELVES ACCESSIBLE ROUTES, CLEAR FLOOR SPACE AND CLEARANCES REQUIRED AT OTHER FIXTURES, AND THE TURNING SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE.
- THE SEAT HEIGHT OF A WATER CLOSET A.F.F. SHALL BE 17 IN. MIN. AND 19 IN. MAX, MEASURED TO TOP OF SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION.
- GRAB BARS FOR WATER CLOSETS ARE SHOWN IN DETAIL 11.
- FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS NO MORE THAN 44" A.F.F.

12. URINALS: (REF. 605 AND DETAIL 12 THIS SHEET)
- URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 IN. MAX. A.F.F. URINALS SHALL BE 13 1/2 IN. DEEP MIN. MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE.
- A C.F.S. POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED.
- FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC, AND COMPLY WITH 309 (OPERABLE PARTS).

13. LAVATORIES AND SINKS: (REF. 606 AND DETAIL 13 THIS SHEET)
- A C.F.S. POSITIONED FOR A FORWARD APPROACH AND KNEE AND TOE CLEARANCE SHALL BE PROVIDED. EXCEPTION: A PARALLEL APPROACH SHALL BE PERMITTED TO A KITCHEN SINK IN A SPACE WHERE A COOK TOP OR RANGE IS NOT PROVIDED.
- LAVATORIES/SINKS SHALL BE INSTALLED SO THAT THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE SHALL BE 34 IN. MAX. A.F.F.
- HAND OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MIN.
- WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.
- IF SOAP AND TOWEL DISPENSERS ARE PROVIDED, THEY MUST BE LOCATED WITHIN THE REACH RANGES SPECIFIED IN 308.
- MIRRORS SHALL BE MOUNTED WITH THE BOTTOM OF THE EDGE OF THE REFLECTING SURFACE NO HIGHER THAN 40" AFF.

14. KITCHENS: (REFER TO 804 AND DETAIL 14 THIS SHEET)
- PASS THROUGH - WHERE COUNTERS, APPLIANCES OR CABINETS ARE ON TWO OPPOSING SIDES, THE CLEARANCE BETWEEN ALL OPPOSING BASE CABINETS, COUNTER TOPS, APPLIANCES, OR WALLS WITHIN WORK AREAS SHALL BE 40 IN. MIN.
- U-SHAPED - THE CLEARANCE BETWEEN ALL OPPOSING BASE CABINETS, COUNTER TOPS, APPLIANCES, OR WALLS WITH WORK AREAS SHALL BE 60 IN. MIN.
- AT LEAST 50 PERCENT OF SHELF SPACE IN STORAGE FACILITIES SHALL COMPLY WITH 811 (STORAGE).
- A CLEAR FLOOR SPACE COMPLYING WITH 305 (CLEAR FLOOR OR GROUND SPACE) SHALL BE PROVIDED AT EACH KITCHEN APPLIANCE. CLEAR FLOOR SPACES ARE PERMITTED TO OVERLAP.
- ALL APPLIANCE CONTROLS SHALL COMPLY WITH 309 (OPERABLE PARTS).

15. STORAGE: (REF. 225 AND DETAIL 15 THIS SHEET)
- WHERE STORAGE IS PROVIDED IN ACCESSIBLE SPACES, AT LEAST ONE OF EACH TYPE SHALL COMPLY WITH 811 (STORAGE).
- ADVISORY: TYPES OF STORAGE INCLUDE, BUT ARE NOT LIMITED TO, CLOSETS, CABINETS, SHELVES, CLOTHES RODS, HOOKS, AND DRAWERS. WHERE PROVIDED, AT LEAST ONE OF EACH TYPE OF STORAGE MUST BE WITHIN THE REACH RANGES SPECIFIED IN 308; HOWEVER, IT IS PERMISSIBLE TO INSTALL ADDITIONAL STORAGE OUTSIDE THE REACH RANGES.
- WHERE LOCKERS ARE PROVIDED, AT LEAST 5 PERCENT, BUT NO FEWER THAN ONE OF EACH TYPE, SHALL COMPLY WITH 811.

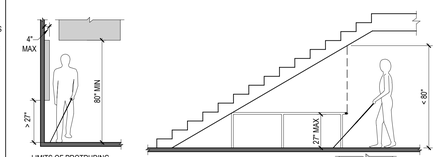
16. REACH RANGES: (REF. 308 AND DETAIL 16 THIS SHEET)
- REACH RANGES ARE GRAPHICALLY SHOWN IN DETAIL 16.
- A CLEAR FLOOR SPACE IS REQUIRED FOR EACH REACH RANGE, EITHER PARALLEL OR FORWARD.
- OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN 308.

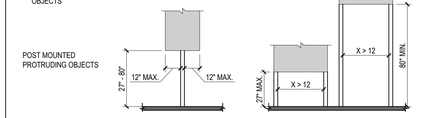
17. SIGNAGE: (REF. 703 AND DETAIL 17 THIS SHEET)
- WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.

18. MAILBOXES: (REF. 228.2)
WHERE MAILBOXES ARE PROVIDED IN AN INTERIOR LOCATION, AT LEAST FIVE PERCENT, BUT NO FEWER THAN ONE, OF EACH TYPE SHALL COMPLY WITH 309. WHERE MAILBOXES ARE PROVIDED FOR EACH RESIDENTIAL DWELLING UNIT, MAILBOXES COMPLYING WITH 309 WILL BE PROVIDED FOR EACH DWELLING UNIT REQUIRED TO PROVIDE MOBILITY FEATURES COMPLYING WITH 809.2 - 809. 4.

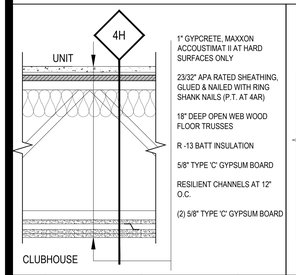
19. ASSISTED LISTENING DEVICES (REF. IBC 1108.2.7)
EACH BUILDING, ROOM, OR SPACE USED FOR ASSEMBLY PURPOSES WHERE AUDIBLE COMMUNICATIONS ARE INTEGRAL TO THE USE OF THE SPACE SHALL HAVE AN ASSISTIVE LISTENING SYSTEM.

5 GROUND & FLOOR SURFACES





4 PROTRUDING OBJECTS



1" GYPCRETE, MAXXON ACCOUSTIMAT II AT HARD SURFACES ONLY

23/32" APA RATED SHEATHING, GLUED & NAILED WITH RING SHANK NAILS (P.T. AT 4AR)

18" DEEP OPEN WEB WOOD FLOOR TRUSSES

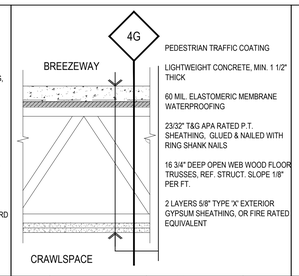
R -13 BATT INSULATION

5/8" TYPE 'C' GYPSUM BOARD

RESILIENT CHANNELS AT 12" O.C.

(2) 5/8" TYPE 'C' GYPSUM BOARD

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
4H	2 HR	UL L541			R-13



PEDESTRIAN TRAFFIC COATING

LIGHTWEIGHT CONCRETE, MIN. 1 1/2" THICK

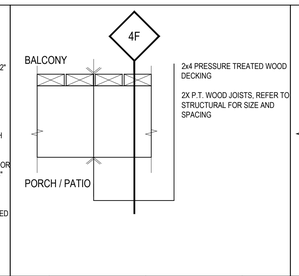
60 MIL. ELASTOMERIC MEMBRANE WATERPROOFING

23/32" T&G APA RATED P.T. SHEATHING, GLUED & NAILED WITH RING SHANK NAILS

16 3/4" DEEP OPEN WEB WOOD FLOOR TRUSSES, REF. STRUCT. SLOPE 1/8" PER FT.

2 LAYERS 5/8" TYPE 'X' EXTERIOR GYPSUM SHEATHING, OR FIRE RATED EQUIVALENT

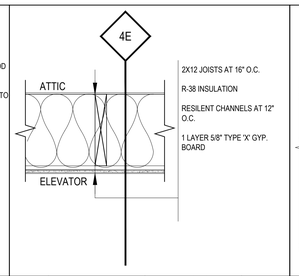
WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
4G	1 HR	GA FC 5408			



2x4 PRESSURE TREATED WOOD DECKING

2X P.T. WOOD JOISTS, REFER TO STRUCTURAL FOR SIZE AND SPACING

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
4F					



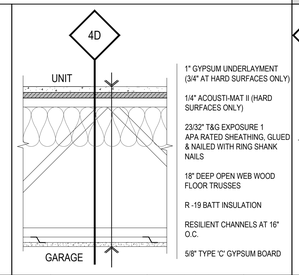
2X12 JOISTS AT 16" O.C.

R-38 INSULATION

RESILIENT CHANNELS AT 12" O.C.

1 LAYER 5/8" TYPE 'X' GYP. BOARD

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
4E	1 HR	GA FILE NO. FC5506			R-38



1" GYPSUM UNDERLAYMENT (3/4" AT HARD SURFACES ONLY)

1/4" ACOUSTI-MAT II (HARD SURFACES ONLY)

23/32" T&G EXPOSURE 1 APA RATED SHEATHING, GLUED & NAILED WITH RING SHANK NAILS

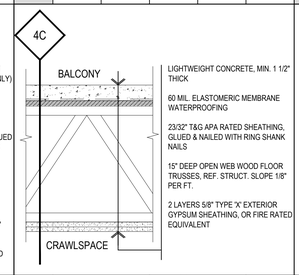
18" DEEP OPEN WEB WOOD FLOOR TRUSSES

R -19 BATT INSULATION

RESILIENT CHANNELS AT 16" O.C.

5/8" TYPE 'C' GYPSUM BOARD

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
4D	1 HR	UL L521	58	6-4423, 6-442-S	R-19 9



LIGHTWEIGHT CONCRETE, MIN. 1 1/2" THICK

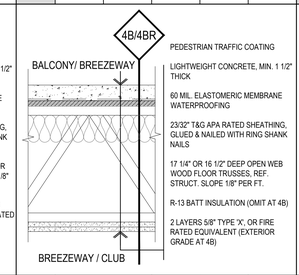
60 MIL. ELASTOMERIC MEMBRANE WATERPROOFING

23/32" T&G APA RATED SHEATHING, GLUED & NAILED WITH RING SHANK NAILS

15" DEEP OPEN WEB WOOD FLOOR TRUSSES, REF. STRUCT. SLOPE 1/8" PER FT.

2 LAYERS 5/8" TYPE 'X' EXTERIOR GYPSUM SHEATHING, OR FIRE RATED EQUIVALENT

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
4C	1 HR	GA FC 5408			



PEDESTRIAN TRAFFIC COATING

LIGHTWEIGHT CONCRETE, MIN. 1 1/2" THICK

60 MIL. ELASTOMERIC MEMBRANE WATERPROOFING

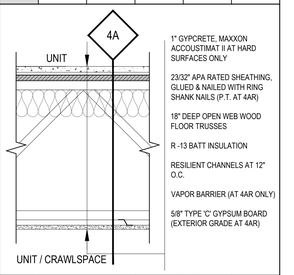
23/32" T&G APA RATED SHEATHING, GLUED & NAILED WITH RING SHANK NAILS

17 1/4" OR 16 1/2" DEEP OPEN WEB WOOD FLOOR TRUSSES, REF. STRUCT. SLOPE 1/8" PER FT.

R-13 BATT INSULATION (OMIT AT 4B)

2 LAYERS 5/8" TYPE 'X', OR FIRE RATED EQUIVALENT (EXTERIOR GRADE AT 4B)

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
4B	1 HR	GA FC 5408		9	R-13
4BR	1 HR	GA FC 5408			



1" GYPCRETE, MAXXON ACCOUSTIMAT II AT HARD SURFACES ONLY

23/32" APA RATED SHEATHING, GLUED & NAILED WITH RING SHANK NAILS (P.T. AT 4AR)

18" DEEP OPEN WEB WOOD FLOOR TRUSSES

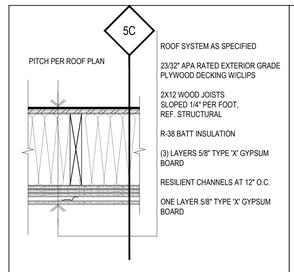
R -13 BATT INSULATION

RESILIENT CHANNELS AT 12" O.C.

VAPOR BARRIER (AT 4AR ONLY)

5/8" TYPE 'C' GYPSUM BOARD (EXTERIOR GRADE AT 4AR)

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
4A	1 HR	UL L546	50	A1176.12-201-10	R-13
4AR	1 HR	UL L546	50	A1176.12-201-10	R-13



ROOF SYSTEM AS SPECIFIED

23/32" APA RATED EXTERIOR GRADE PLYWOOD DECKING W/CLIPS

2X12 WOOD JOISTS SLOPED 1/4" PER FOOT, REF. STRUCTURAL

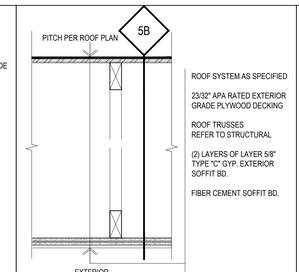
R-38 BATT INSULATION

(3) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

RESILIENT CHANNELS AT 12" O.C.

ONE LAYER 5/8" TYPE 'X' GYPSUM BOARD

CLG. TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
5C	2 HR	UL556	NOT REQ'D		R-38



ROOF SYSTEM AS SPECIFIED

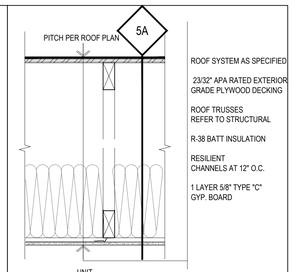
23/32" APA RATED EXTERIOR GRADE PLYWOOD DECKING

ROOF TRUSSES REFER TO STRUCTURAL

(2) LAYERS OF LAYER 5/8" TYPE "C" GYP. EXTERIOR SOFFIT BD.

FIBER CEMENT SOFFIT BD.

CLG. TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
5B	1 HR	GA RC 2602	NOT REQ'D		



ROOF SYSTEM AS SPECIFIED

23/32" APA RATED EXTERIOR GRADE PLYWOOD DECKING

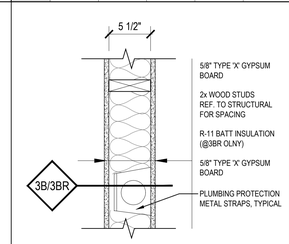
ROOF TRUSSES REFER TO STRUCTURAL

R-38 BATT INSULATION

RESILIENT CHANNELS AT 12" O.C.

1 LAYER 5/8" TYPE "C" GYP. BOARD

CLG. TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
5A	1 HR	UL P522			R-38



5/8" TYPE 'X' GYPSUM BOARD

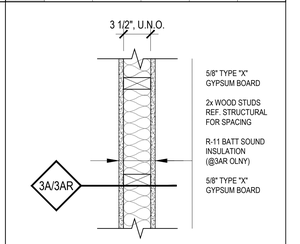
2x WOOD STUDS REF. TO STRUCTURAL FOR SPACING

R-11 BATT INSULATION (@3BR OLNY)

5/8" TYPE 'X' GYPSUM BOARD

PLUMBING PROTECTION METAL STRAPS, TYPICAL

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
3B	1 HR	UL U305			
3BR	1 HR	UL U305			R-11



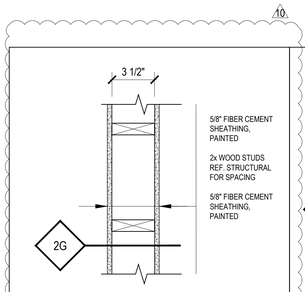
5/8" TYPE "X" GYPSUM BOARD

2x WOOD STUDS REF. STRUCTURAL FOR SPACING

R-11 BATT SOUND INSULATION (@3AR OLNY)

5/8" TYPE "X" GYPSUM BOARD

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
3A	1 HR	UL U305			
3AR	1 HR	UL U305			R-11

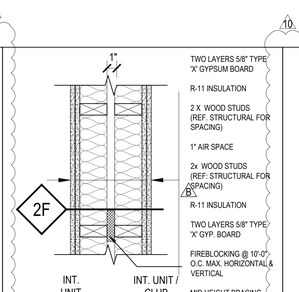


5/8" FIBER CEMENT SHEATHING, PAINTED

2x WOOD STUDS REF. STRUCTURAL FOR SPACING

5/8" FIBER CEMENT SHEATHING, PAINTED

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
2G	1 HR	UL U305			



TWO LAYERS 5/8" TYPE 'X' GYPSUM BOARD

R-11 INSULATION

2 X WOOD STUDS (REF. STRUCTURAL FOR SPACING)

1" AIR SPACE

2x WOOD STUDS (REF. STRUCTURAL FOR SPACING)

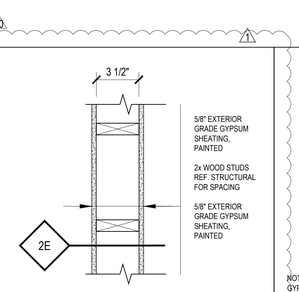
R-11 INSULATION

TWO LAYERS 5/8" TYPE 'X' GYP. BOARD

FIREBLOCKING @ 10'-0" O.C. MAX. HORIZONTAL & VERTICAL

MID HEIGHT BRACING PER U.L.

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
2F	2HR	UL U301	56	OCF 448	R11

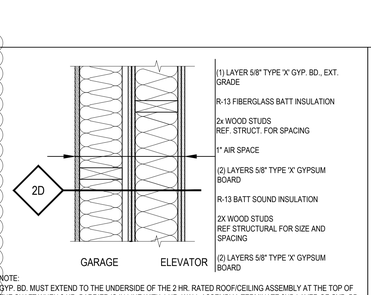


5/8" EXTERIOR GRADE GYPSUM SHEATING, PAINTED

2x WOOD STUDS REF. STRUCTURAL FOR SPACING

5/8" EXTERIOR GRADE GYPSUM SHEATING, PAINTED

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
2E	1 HR	UL U305			



(1) LAYER 5/8" TYPE 'X' GYP. BD., EXT. GRADE

R-13 FIBERGLASS BATT INSULATION

2x WOOD STUDS REF. STRUCT. FOR SPACING

1" AIR SPACE

(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

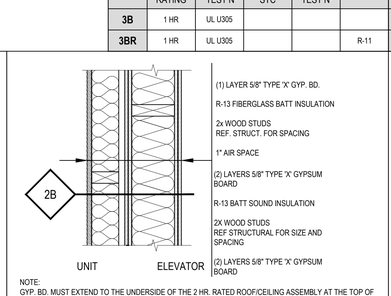
R-13 BATT SOUND INSULATION

2X WOOD STUDS REF STRUCTURAL FOR SIZE AND SPACING

(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

NOTE:
GYP. BD. MUST EXTEND TO THE UNDERSIDE OF THE 2 HR. RATED ROOF/CEILING ASSEMBLY AT THE TOP OF THE SHAFT WHEN 2 HR. BARRIER IS IN LINE WITH 1 HR. WALL ASSEMBLY, TERMINATE 2ND LAYER OF GYP. BD. AT NEAREST INSIDE/OUTSIDE CORNER

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
2D	2HR	WP 4230			R-13



(1) LAYER 5/8" TYPE 'X' GYP. BD.

R-13 FIBERGLASS BATT INSULATION

2x WOOD STUDS REF. STRUCT. FOR SPACING

1" AIR SPACE

(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

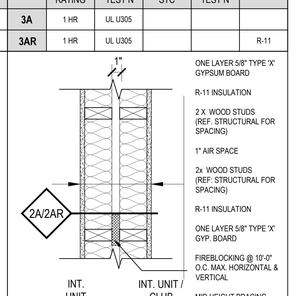
R-13 BATT SOUND INSULATION

2X WOOD STUDS REF STRUCTURAL FOR SIZE AND SPACING

(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

NOTE:
GYP. BD. MUST EXTEND TO THE UNDERSIDE OF THE 2 HR. RATED ROOF/CEILING ASSEMBLY AT THE TOP OF THE SHAFT WHEN 2 HR. BARRIER IS IN LINE WITH 1 HR. WALL ASSEMBLY, TERMINATE 2ND LAYER OF GYP. BD. AT NEAREST INSIDE/OUTSIDE CORNER

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
2B	2HR	WP 4136	56	NCMA TEK 13-1C	R-13



ONE LAYER 5/8" TYPE 'X' GYPSUM BOARD

R-11 INSULATION

2 X WOOD STUDS (REF. STRUCTURAL FOR SPACING)

1" AIR SPACE

2x WOOD STUDS (REF. STRUCTURAL FOR SPACING)

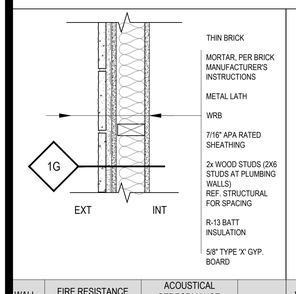
R-11 INSULATION

ONE LAYER 5/8" TYPE 'X' GYP. BOARD

FIREBLOCKING @ 10'-0" O.C. MAX. HORIZONTAL & VERTICAL

MID HEIGHT BRACING PER U.L.

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
2A	1HR	UL U341	56	OCF 448	R11
2AR	1HR	UL U341	56	OCF 448	R11



THIN BRICK

MORTAR, PER BRICK MANUFACTURER'S INSTRUCTIONS

METAL LATH

WRB

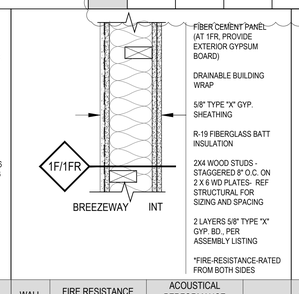
7/16" APA RATED SHEATHING

2x WOOD STUDS (2X6 STUDS AT PLUMBING WALLS) REF. STRUCTURAL FOR SPACING

R-13 BATT INSULATION

5/8" TYPE 'X' GYP. BOARD

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
1G	1 HR	UL U356			R-13
1GR	1 HR	UL U356			



FIBER CEMENT PANEL (AT 1FR, PROVIDE EXTERIOR GYPSUM BOARD)

DRAINABLE BUILDING WRAP

5/8" TYPE "X" GYP. SHEATHING

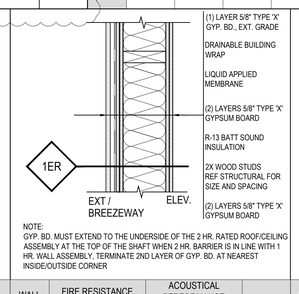
R-19 FIBERGLASS BATT INSULATION

2X4 WOOD STUDS - STAGGERED @ O.C. ON 2 X 6 WD PLATES- REF STRUCTURAL FOR SIZING AND SPACING

2 LAYERS 5/8" TYPE "X" GYP. BD., PER ASSEMBLY LISTING

*FIRE-RESISTANCE-RATED FROM BOTH SIDES

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
1F	1 HR	UL WP 3380	53	NGC 93254	R-19
1FR	1 HR	UL WP 3380	53	NGC 93254	R-19



(1) LAYER 5/8" TYPE 'X' GYP. BD., EXT. GRADE

DRAINABLE BUILDING WRAP

LIQUID APPLIED MEMBRANE

(2) LAYERS 5/8" TYPE "X" GYPSUM BOARD

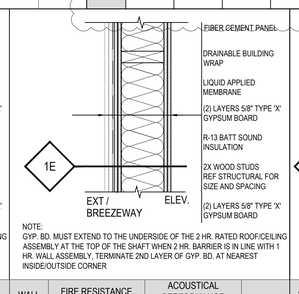
R-13 BATT SOUND INSULATION

2X WOOD STUDS REF STRUCTURAL FOR SIZE AND SPACING

(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

NOTE:
GYP. BD. MUST EXTEND TO THE UNDERSIDE OF THE 2 HR. RATED ROOF/CEILING ASSEMBLY AT THE TOP OF THE SHAFT WHEN 2 HR. BARRIER IS IN LINE WITH 1 HR. WALL ASSEMBLY, TERMINATE 2ND LAYER OF GYP. BD. AT NEAREST INSIDE/OUTSIDE CORNER

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
1ER	2HR	WP 4230		9	R-13



FIBER CEMENT PANEL

DRAINABLE BUILDING WRAP

LIQUID APPLIED MEMBRANE

(2) LAYERS 5/8" TYPE "X" GYPSUM BOARD

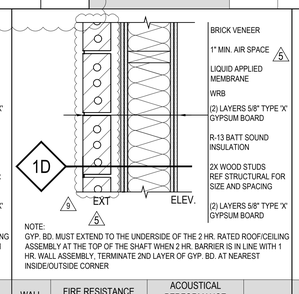
R-13 BATT SOUND INSULATION

2X WOOD STUDS REF STRUCTURAL FOR SIZE AND SPACING

(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

NOTE:
GYP. BD. MUST EXTEND TO THE UNDERSIDE OF THE 2 HR. RATED ROOF/CEILING ASSEMBLY AT THE TOP OF THE SHAFT WHEN 2 HR. BARRIER IS IN LINE WITH 1 HR. WALL ASSEMBLY, TERMINATE 2ND LAYER OF GYP. BD. AT NEAREST INSIDE/OUTSIDE CORNER

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
1E	2HR	WP 4230		9	R-13



BRICK VENEER

1" MIN. AIR SPACE 5

LIQUID APPLIED MEMBRANE

WRB

(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

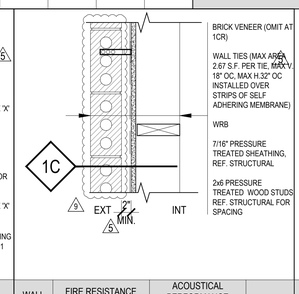
R-13 BATT SOUND INSULATION

2X WOOD STUDS REF STRUCTURAL FOR SIZE AND SPACING

(2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

NOTE:
GYP. BD. MUST EXTEND TO THE UNDERSIDE OF THE 2 HR. RATED ROOF/CEILING ASSEMBLY AT THE TOP OF THE SHAFT WHEN 2 HR. BARRIER IS IN LINE WITH 1 HR. WALL ASSEMBLY, TERMINATE 2ND LAYER OF GYP. BD. AT NEAREST INSIDE/OUTSIDE CORNER

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
1D	2HR	WP 4230		9	R-13



BRICK VENEER (OMIT AT 1CR)

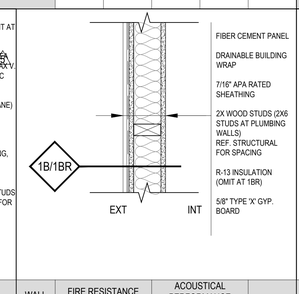
WALL TIES (MAX AREA 2.67 S.F. PER TIE, MAX V. 18" OC, MAX H.32" OC INSTALLED OVER STRIPS OF SELF ADHERING MEMBRANE)

WRB

7/16" PRESSURE TREATED SHEATHING, REF. STRUCTURAL

2x6 PRESSURE TREATED WOOD STUDS REF. STRUCTURAL FOR SPACING

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
1C	1 HR	UL U356			



FIBER CEMENT PANEL

DRAINABLE BUILDING WRAP

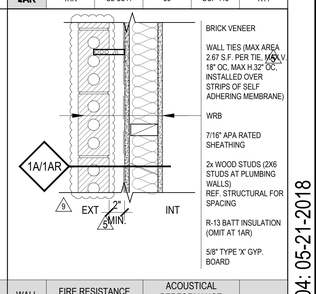
7/16" APA RATED SHEATHING

2X WOOD STUDS (2X6 STUDS AT PLUMBING WALLS) REF. STRUCTURAL FOR SPACING

R-13 INSULATION (OMIT AT 1BR)

5/8" TYPE 'X' GYP. BOARD

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
1B	1 HR	UL U356			R-13
1BR	1 HR	UL U356			



BRICK VENEER

WALL TIES (MAX AREA 2.67 S.F. PER TIE, MAX V. 18" OC, MAX H.32" OC INSTALLED OVER STRIPS OF SELF ADHERING MEMBRANE)

WRB

7/16" APA RATED SHEATHING

2x WOOD STUDS (2X6 STUDS AT PLUMBING WALLS) REF. STRUCTURAL FOR SPACING

R-13 BATT INSULATION (OMIT AT 1AR)

5/8" TYPE 'X' GYP. BOARD

WALL TAG	FIRE RESISTANCE		ACOUSTICAL PERFORMANCE		INSULAT.
	RATING	TEST Nº	STC	TEST Nº	
1A	1 HR	UL U356			R-13
1AR	1 HR	UL U356			

Designed by: SB
Drawn by: CH, NP
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
B	06/08/2017	COORDINATION
1	09/22/2017	REVISION 1
5	01/19/2018	VE REVISIONS
9	05-11-18	ASI 4
10	06-20-18	ASI 5

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LOFTS AT CANTERBURY, LLC

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SHEET CONTENTS:
WALL, FLOOR/CEILING, ROOF/CEILING ASSEMBLIES

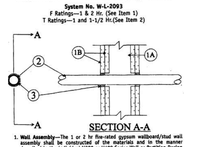
SHEET NO.
A1.05

ASI 004: 05-21-2018

15557

THROUGH-PENETRATION FIRESTOP SYSTEMS (XHEZ)—*Continued*

System No. W-L-2003
F Ratings—1 & 2 Hr (See Item 1)
T Ratings—1 and 1-1/2 Hr (See Item 2)



SECTION A-A

1. **Wall Assembly**—The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs**—Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC with nom 2 by 4 in. lumber end plates and cross blocks. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC.
   B. **Wallboard, Gypsum**"—5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 7 in.
   C. **Chlorinated Polyvinyl Chloride (CPVC) Pipe**—Nom 2 in. diam (or smaller) SDR17 CPVC pipe for use in closed (process or supply) piping systems.
   D. **Optical Fiber Raceway**—Nom 2 in. diam (or smaller) optical fiber raceway formed from polyvinyl chloride (PVC) or nom 5-1/4 in. diam (or smaller) optical fiber raceway formed from polyvinylidene fluoride (PVDF). Optical fiber raceway to be installed in accordance with Article 770 of the National Electrical Code. Raceway to be rigidly supported on both sides of wall assembly.
   See Optical Fiber Raceway (QAZK) category in the Electrical Construction Materials Directory for the names of manufacturers.
   E. **Electrical Nonmetallic Tubing**—Nom 2 in. diam (or smaller) PVC tubing installed in accordance with Article 331 of the National Electrical Code (NFPA No. 70). See **Electrical Nonmetallic Tubing (FNYG) category** in the Electrical Construction Materials Directory for the names of manufacturers.

   The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall and the diam of the through-penetrant as shown below:

Wall Hourly Hr	Max Diam Of Through Penetrant In.	F Rating Hr
1	1	1
1	1-1/4	1
1	2	1
2	1-1/2	1-1/2
2	2	2

2. **Through Penetrants**—One nonmetallic pipe, conduit or raceway to be contained within the firestop system. A nom annular space of 5/16 in. is required within the firestop system. Pipe, conduit or raceway to be centered within the opening. The annular space between pipe and periphery of opening shall be min 0 in. (point contact) to max 1/2 in. Any combination of the following types and sizes of nonmetallic pipes, conduits or raceway may be used:
   A. **Polyvinyl Chloride (PVC) Pipe**—Nom 2 in. diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) piping systems.
   B. **Rigid Nonmetallic Conduit**—Nom 2 in. diam (or smaller) Schedule 40 PVC conduit installed in accordance with Article 347 of the National Electrical Code (NFPA No. 70).
   C. **Chlorinated Polyvinyl Chloride (CPVC) Pipe**—Nom 2 in. diam (or smaller) SDR17 CPVC pipe for use in closed (process or supply) piping systems.
   D. **Optical Fiber Raceway**—Nom 2 in. diam (or smaller) optical fiber raceway formed from polyvinyl chloride (PVC) or nom 5-1/4 in. diam (or smaller) optical fiber raceway formed from polyvinylidene fluoride (PVDF). Optical fiber raceway to be installed in accordance with Article 770 of the National Electrical Code. Raceway to be rigidly supported on both sides of wall assembly.
   See Optical Fiber Raceway (QAZK) category in the Electrical Construction Materials Directory for the names of manufacturers.
   E. **Electrical Nonmetallic Tubing**—Nom 2 in. diam (or smaller) PVC tubing installed in accordance with Article 331 of the National Electrical Code (NFPA No. 70). See **Electrical Nonmetallic Tubing (FNYG) category** in the Electrical Construction Materials Directory for the names of manufacturers.

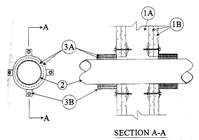
   The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall and the diam of the through-penetrant as shown below:

Wall Hourly Hr	Max Diam Of Through Penetrant In.	F Rating Hr
1	1	1
1	1-1/4	1
1	2	1
2	1-1/2	1-1/2
2	2	2

3. **Fill, Void or Cavity Materials**"—**Sealant**—Min 5/8 in. thickness of fill material applied within annulus, flush with both surfaces of wall. At the point contact location between through penetrant and gypsum wallboard, a min 3/8 in. diam bead of fill material shall be applied at the gypsum wallboard/through penetrant interface on both surfaces of wall.
   Specified Technologies Inc.—SpecSeal 100, 101, 102 or 105 Sealant
   *Bearing the UL Listing Mark
   *Bearing the UL Classification Marking

13 PVC PIPE PENETRATION 2" OR LESS
SCALE: NTS OR APPROVED EQUIVALENT UL NO. WL 2093

System No. W-L-2101
F Ratings—1 and 2 Hr (See Item 1)
T Ratings—1 and 1-1/2 Hr (See Item 2)



SECTION A-A

1. **Wall Assembly**—The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs**—Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC.
   B. **Wallboard, Gypsum**"—5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 7 in.

   The hourly F and T Ratings of the firestop system are dependent on the hourly fire rating of the wall assembly in which it is installed as shown in the table below:

Rating of Wall, Hr	F Rating, Hr	T Rating, Hr
1	1	1
2	2	1-1/2

2. **Through Penetrants**—One **nonmetallic pipe or conduit** to be either concentrically or eccentrically within the firestop system. The annular space between pipe or conduit and periphery of opening shall be min 0 in. (point contact) to max 1/2 in. Pipe or conduit to be rigidly supported on both sides of the wall assembly. The following types and sizes of nonmetallic pipe or conduit may be used:
   A. **Polyvinyl Chloride (PVC) Pipe**—Nom 4 in. diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste, or vent) piping systems.
   B. **Chlorinated Polyvinyl Chloride (CPVC) Pipe**—Nom 4 in. diam (or smaller) SDR 17 CPVC pipe for use in closed (process or supply) or vented (drain, waste, or vent) piping systems.
   C. **Rigid Nonmetallic Conduit**—Nom 4 in. diam (or smaller) Schedule 40 PVC conduit installed in accordance with Article 347 of the National Electrical Code (NFPA 70).
3. **Firestop System**—The firestop system shall consist of the following:
   A. **Fill, Void or Cavity Materials**"—**Wrap Strip**—Nom 1/4 in. thick intumescent elastomeric material faced on one side with aluminum foil, supplied in 2 in. wide strips. The layers of wrap strips are individually wrapped around the through penetrant with ends butted and held in place with masking tape. Butted ends in successive layers may be aligned or offset. The edge of the wrap strips shall abut each surface of the wall. The layers of wrap strips are installed on each side of the wall. The number of layers of wrap strip are dependent on the diam of the pipe or conduit as tabulated below:

Diam of Through Penetrant In.	Layers Of Wrap Strip
1	1
2	2

   Specified Technologies Inc.—Specseal RED Wrap Strip
   C. Steel Collar—Collar fabricated from coils of pre-cut 0.016 in. thick (No. 26 MSG) galv steel available from wrap strip manufacturer. Collar shall be nom 5-3/4 in. deep with the edges bent to 2-in. quarters for securement to flooring assembly. The opposite side elongates to form a 1-1/2 in. long tab for attachment to the pipe. Collar shall be tightly wrapped over the wrap strip, overlapping min 1 in. at each end. A nom 1/2 in. wide steel hook clamp shall be secured to the collar at its mid-height (every other anchor tab of collar secured by gypsum clamp with 1/4 in. diam by 1-1/2 in. long steel toggle bolt in conjunction with 1/4 in. by 1 in. diameter steel washer).
   C. Fill, Void or Cavity Materials"—Sealant—Min 5/8 in. thickness of fill material applied within the annulus. Flush with the bottom surface of the gypsum board ceiling. Min 5/8 in. thickness of fill material applied within the annulus, flush with the top surface of the floor.

   HILTI CONSTRUCTION CHEMICALS, DIV OF
   HILTI INC—FS-ONE (Sealant)

4. Firestop System—(Optional, Not shown) As an option to Item 3, the firestop system shall consist of the following:
   A. Firestop Device"—Cast-iron collar lined with an intumescent material sized to fit the specific diam of pipe shall be installed in accordance with the accompanying installation instructions. Collar to be installed and latched around the pipe and secured to the gypsum board ceiling with 3 in. diam by 1-1/2 in. long steel toggle bolts with 3 in. diam steel washers through hanger tabs provided.

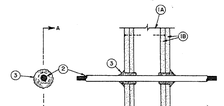
   HILTI CONSTRUCTION CHEMICALS, DIV OF
   HILTI INC—CP 643 (10% CP 643 ESZ'N, CP 642 (30% or CP 643 (10% or CP 643 (10% Firestop Collar
   B. Fill, Void or Cavity Materials"—Sealant—Min 5/8 in. thickness of fill material applied within the annulus, flush with the bottom surface of the gypsum board ceiling. Min 5/8 in. thickness of fill material applied within the annulus, flush with the top surface of the floor.

   HILTI CONSTRUCTION CHEMICALS, DIV OF
   HILTI INC—FS-ONE (Sealant)

*Bearing the UL Classification Mark

12 PVC PIPE PENETRATION 4" OR LESS
SCALE: NTS OR APPROVED EQUIVALENT UL NO. WL 2101

System No. W-L-3001
(Formerly System No. 149)
F Ratings—1 and 2 Hr (See Item 1)
T Ratings—3/4, 1, 1-1/2 and 2 Hr (See Item 2)
L Rating At Ambient—15 CFM/sq ft (See Item 3)
L Rating At 400 F—less than 1 CFM/sq ft (See Item 3)



SECTION A-A

1. **Wall Assembly**—The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs**—Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC.
   B. **Wallboard, Gypsum**"—5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 7 in.

   The hourly F Ratings of the firestop system are dependent on the hourly fire rating of the wall assembly in which it is installed as shown in the table below:

Rating of Wall, Hr	F Rating, Hr	T Rating, Hr
1	1	3/4
1	1	1
2	2	1-1/2
2	2	2

2. **Cables**—Nom 4 in. diam bundle consisting of cables to be installed either concentrically or eccentrically in circular cutouts in gypsum wallboard opening. Cables to be rigidly supported on both sides of wall assembly. The annular space within the firestop system shall be a min 0 in. (point contact) to a max 1/2 in. Any combination of the following types and sizes of cables may be used.
   A. Max 150 pair No. 24 AWG (or smaller) copper conductor cable with polyvinyl chloride (PVC) insulation and jacket.
   B. Max 1/C — 250 kcmil (or smaller) copper conductor cable with cross-linked polyethylene (XLPE) jacket.
   C. Max 7/0 AWG (or smaller) copper conductor cable with a XLPE insulation and PVC jacket.
   D. Max 3/C (with ground) No. 8 AWG nonmetallic sheathed (Romex) cable (or smaller) with copper conductor, polyvinyl chloride (PVC) insulation and jacket materials.
   E. Max 3/C (with ground) No. 2/0 AWG (or smaller) aluminum or copper conductor service entrance cable with PVC insulation and jacket materials.
   F. Max 4 pair No. 18 AWG (or smaller) copper conductor thermostat cable with PVC insulation and jacket materials.
   G. Max RG 6/U (or smaller) coaxial cable with fluorinated ethylene propylene insulation and jacket materials.
   H. Max 4/94 fiber optic cable with PVC insulation and jacket materials.

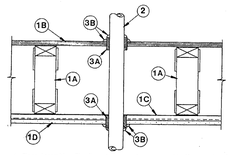
2A. **Through Penetrants**—As an alternate to the Item 2, a max 2 in. diam tight bundle of max 2/C (with ground) - No. 12 AWG (or smaller) steel armored cable with PVC jacket (or smaller) copper conductors may be used. The annular space between the cable bundle and the periphery of the opening shall be a min of 0 in. (point contact) to a max of 1 in. Through penetrating products are to be spaced a min 1 in. to a max 2 in. from the cable bundle in Item 2. Cables to be rigidly supported on both sides of wall assembly.

3. **Fill, Void or Cavity Materials**"—**Sealant**—Min 5/8 in. thickness of fill material applied within annulus, flush with both surfaces of wall. Fill material to be forced into interstices of cable group to max extent possible. Additional fill material to be installed such that a min 3/8 in. thick crown is formed around the cable bundle on both sides of the wall.

   Specified Technologies Inc.—SpecSeal 100, 101, 102 or 105 Sealant
   *Bearing the UL Classification Marking

11 ELECTRICAL CABLE PENETRATION
SCALE: NTS OR APPROVED EQUIVALENT UL NO. WL 3001

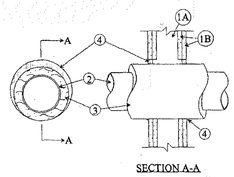
System No. F-C-2008
(Formerly System No. 451)
F Rating—1 Hr
T Rating—1 Hr
L Rating At Ambient—7 CFM/sq ft (See Item 3B)
L Rating At 400 F—Less Than 1 CFM/sq ft (See Item 3B)



1. **Floor Assembly**—The fire rated wood truss or combination wood and steel truss Floor-Ceilno assembly shall be constructed of the materials and in the manner described in the individual L500 Series Design in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Trusses**—Min 12 in. deep parallel chord trusses fabricated from 2 by 4 in. lumber in conjunction with steel truss plates or **Structural Wood Members**" with bridging as required.
   B. **Flooring**—Nom 3/4 in. thick plywood flooring with or without **Floor Topping Mixture**". Diam of hole-sawed opening in flooring to be 1/2 in. to 3/4 in. larger than diam of pipe. Max diam of opening in flooring is 3 in.
   C. **Furring Channels**—Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
   D. **Wallboard, Gypsum**"—Nom 5/8 in. thick, screw-attached to furring channels. Diam of hole-sawed opening in gypsum wallboard ceiling to be 1/2 in. to 3/4 in. larger than diam of pipe. Max diam of opening in ceiling is 3 in.
2. **Nonmetallic Pipe**—Nom 2 in. diam (or smaller) Schedule 40 polyvinyl chloride (PVC), SDR 17 chlorinated polyvinyl chloride (CPVC) or solid-core Schedule 40 acrylonitrile-butadiene-styrene (ABS) pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. One pipe to be installed approx midway between trusses and centered in circular openings in flooring and in ceiling. A nom 1/4 in. to 3/8 in. annular space is required in the firestop system. Pipe to be rigidly supported on both sides of Floor-Ceiling assembly.
2A. **Electrical Nonmetallic Tubing**—Nom 1 in. diam (or smaller) corrugated wall ENT constructed of polyvinyl chloride. ENT to be installed as a complete system with all terminations in junction boxes, outlet boxes or other approved enclosures as specified in the National Electrical Code. Max one ENT per through opening. ENT to be centered in opening and rigidly supported on both sides of the Floor-Ceilling assembly.
   See **Electrical Nonmetallic Tubing (FNYG) category** in Electrical Construction Materials Directory for names of manufacturers.
3. **Firestop System**—The details of the firestop system shall be as follows:
   A. **Fill, Void or Cavity Materials**"—**Wrap Strip**—Nom 1/4 in. thick intumescent elastomeric material faced on one side with aluminum foil, supplied in 2 in. wide strips. Nom 2 in. wide strip tightly-wrapped around pipe and sleeve (foil side exposed), secured with two steel tie wires and slid into hole-sawed opening in gypsum wallboard ceiling (Item 1D). Bottom edge of wrap strip to project approx 1/2 in. below bottom surface of gypsum wallboard ceiling.
   Minnesota Mining & Mfg. Co.—CP 25WB+ Caulk, MPS-2+ Putty, (Note: L Ratings apply only when Type CP 25WB+ caulk is used.)
   *Bearing the UL Classification Marking

10 PVC CONDENSATE PIPE PENETRATION
SCALE: NTS OR APPROVED EQUIVALENT UL NO. FC 2008

System No. W-L-5040
F Ratings— 1 and 2 Hr (See Item 1)
T Ratings—1/4, 1/2 and 3/4 Hr (See Item 2)



SECTION A-A

1. **Wall Assembly**—The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs**—Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC.
   B. **Wallboard, Gypsum**"—Nom 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. When steel channel stud framing is employed, gypsum wallboard attached to studs with Type S self-drilling, self-tapping bugle-head steel screws as specified in the individual Wall or Partition Design.

   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
2. **Cables**—Nom 4 in. diam tight bundle of cables to be installed either concentrically or eccentrically in circular cutouts in gypsum wallboard opening. Cables to be rigidly supported on both sides of wall assembly. The annular space within the firestop system shall be a min 0 in. (point contact) to a max 1/2 in. Any combination of the following types and sizes of cables may be used.
   A. Max 150 pair No. 24 AWG (or smaller) copper conductor cable with polyvinyl chloride (PVC) insulation and jacket.
   B. Max 1/C — 250 kcmil (or smaller) copper conductor cable with cross-linked polyethylene (XLPE) jacket.
   C. Max 7/0 AWG (or smaller) copper conductor cable with a XLPE insulation and PVC jacket.
   D. Max 3/C (with ground) No. 8 AWG nonmetallic sheathed (Romex) cable (or smaller) with copper conductor, polyvinyl chloride (PVC) insulation and jacket materials.
   E. Max 3/C (with ground) No. 2/0 AWG (or smaller) aluminum or copper conductor service entrance cable with PVC insulation and jacket materials.
   F. Max 4 pair No. 18 AWG (or smaller) copper conductor thermostat cable with PVC insulation and jacket materials.
   G. Max RG 6/U (or smaller) coaxial cable with fluorinated ethylene propylene insulation and jacket materials.
   H. Max 4/94 fiber optic cable with PVC insulation and jacket materials.

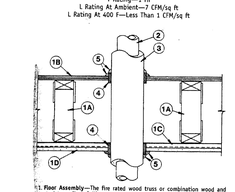
2A. **Through Penetrants**—As an alternate to the Item 2, a max 2 in. diam tight bundle of max 2/C (with ground) - No. 12 AWG (or smaller) steel armored cable with PVC jacket (or smaller) copper conductors may be used. The annular space between the cable bundle and the periphery of the opening shall be a min of 0 in. (point contact) to a max of 1 in. Through penetrating products are to be spaced a min 1 in. to a max 2 in. from the cable bundle in Item 2. Cables to be rigidly supported on both sides of wall assembly.

3. **Fill, Void or Cavity Materials**"—**Caulk**—Min 3/4 in. thickness of fill material applied within the annulus, flush with both surfaces of wall. Fill material to be forced into interstices of cable group to max extent possible. Additional fill material to be installed such that a min 3/8 in. thick crown is formed around the cable bundle on both sides of the wall.

   Specified Technologies Inc.—SpecSeal 100, 101, 102 or 105 Sealant
   *Bearing the UL Classification Marking

9 METALLIC PIPE PENETRATION
SCALE: NTS OR APPROVED EQUIVALENT UL NO. WL 5040

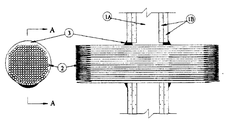
System No. F-C-5002
(Formerly System No.454)
F Rating—1 Hr
T Rating—1 Hr
L Rating At Ambient—7 CFM/sq ft
L Rating At 400 F—Less Than 1 CFM/sq ft



1. **Floor Assembly**—The fire rated wood truss or combination wood and steel truss Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual L500-Series Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Trusses**—Min 12 in. deep parallel chord trusses fabricated from nom 2 by 4 in. lumber in conjunction with steel truss plates or **Structural Wood Members**" with bridging as required.
   B. **Flooring**—Nom 3/4 in. thick plywood flooring with or without **Floor Topping Mixture**". Diam of hole-sawed opening in flooring to be 1/2 in. to 3/4 in. larger than diam of pipe. Max diam of opening in flooring is 3 in.
   C. **Furring Channels**—Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
   D. **Wallboard, Gypsum**"—Nom 5/8 in. thick, screw-attached to furring channels. Diam of hole-sawed opening in gypsum wallboard ceiling to be 1/2 in. to 3/4 in. larger than diam of pipe. Max diam of opening in ceiling is 3 in.
2. **Nonmetallic Pipe**—Nom 2 in. diam (or smaller) Schedule 40 polyvinyl chloride (PVC), SDR 17 chlorinated polyvinyl chloride (CPVC) or solid-core Schedule 40 acrylonitrile-butadiene-styrene (ABS) pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. One pipe to be installed approx midway between trusses and centered in circular openings in flooring and in ceiling. A nom 1/4 in. to 3/8 in. annular space is required in the firestop system. Pipe to be rigidly supported on both sides of Floor-Ceiling assembly.
2A. **Electrical Nonmetallic Tubing**—Nom 1 in. diam (or smaller) corrugated wall ENT constructed of polyvinyl chloride. ENT to be installed as a complete system with all terminations in junction boxes, outlet boxes or other approved enclosures as specified in the National Electrical Code. Max one ENT per through opening. ENT to be centered in opening and rigidly supported on both sides of the Floor-Ceilling assembly.
   See **Electrical Nonmetallic Tubing (FNYG) category** in Electrical Construction Materials Directory for names of manufacturers.
3. **Firestop System**—The details of the firestop system shall be as follows:
   A. **Fill, Void or Cavity Materials**"—**Wrap Strip**—Nom 1/4 in. thick intumescent elastomeric material faced on one side with aluminum foil, supplied in 2 in. wide strips. Nom 2 in. wide strip tightly-wrapped around pipe and sleeve (foil side exposed), secured with two steel tie wires and slid into hole-sawed opening in gypsum wallboard ceiling (Item 1D). Bottom edge of wrap strip to project approx 1/2 in. below bottom surface of gypsum wallboard ceiling.
   Minnesota Mining & Mfg. Co.—CP 25WB+ Caulk, MPS-2+ Putty, (Note: L Ratings apply only when Type CP 25WB+ caulk is used.)
   *Bearing the UL Classification Marking

8 METALLIC PIPE PENETRATION
SCALE: NTS OR APPROVED EQUIVALENT UL NO. FC 5002

System No. W-L-3076
F Ratings—1 and 2 Hr (See Item 1)
T Rating—0 Hr



SECTION A-A

1. **Wall Assembly**—The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs**—Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC.
   B. **Wallboard, Gypsum**"—5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 7 in.

   The hourly F Ratings of the firestop system are dependent on the hourly fire rating of the wall assembly in which it is installed as shown in the table below:

Rating of Wall, Hr	F Rating, Hr	T Rating, Hr
1	1	0
2	2	0

2. **Through Penetrants**—One **nonmetallic pipe or conduit** to be either concentrically or eccentrically within the firestop system. The annular space between pipe or conduit and periphery of opening shall be min 0 in. (point contact) to max 1/2 in. Pipe or conduit to be rigidly supported on both sides of the wall assembly. The following types and sizes of nonmetallic pipe or conduit may be used:
   A. **Polyvinyl Chloride (PVC) Pipe**—Nom 4 in. diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste, or vent) piping systems.
   B. **Chlorinated Polyvinyl Chloride (CPVC) Pipe**—Nom 4 in. diam (or smaller) SDR 17 CPVC pipe for use in closed (process or supply) or vented (drain, waste, or vent) piping systems.
   C. **Rigid Nonmetallic Conduit**—Nom 4 in. diam (or smaller) Schedule 40 PVC conduit installed in accordance with Article 347 of the National Electrical Code (NFPA 70).
3. **Firestop System**—The firestop system shall consist of the following:
   A. **Fill, Void or Cavity Materials**"—**Wrap Strip**—Nom 1/4 in. thick intumescent elastomeric material faced on one side with aluminum foil, supplied in 2 in. wide strips. The layers of wrap strips are individually wrapped around the through penetrant with ends butted and held in place with masking tape. Butted ends in successive layers may be aligned or offset. The edge of the wrap strips shall abut each surface of the wall. The layers of wrap strips are installed on each side of the wall. The number of layers of wrap strip are dependent on the diam of the pipe or conduit as tabulated below:

Diam of Through Penetrant In.	Layers Of Wrap Strip
1	1
2	2

   Specified Technologies Inc.—SpecSeal RED Wrap Strip
   C. Steel Collar—Collar fabricated from coils of pre-cut 0.016 in. thick (No. 26 MSG) galv steel available from wrap strip manufacturer. Collar shall be nom 5-3/4 in. deep with the edges bent to 2-in. quarters for securement to flooring assembly. The opposite side elongates to form a 1-1/2 in. long tab for attachment to the pipe. Collar shall be tightly wrapped over the wrap strip, overlapping min 1 in. at each end. A nom 1/2 in. wide steel hook clamp shall be secured to the collar at its mid-height (every other anchor tab of collar secured by gypsum clamp with 1/4 in. diam by 1-1/2 in. long steel toggle bolt in conjunction with 1/4 in. by 1 in. diameter steel washer).
   C. Fill, Void or Cavity Materials"—Sealant—Min 5/8 in. thickness of fill material applied within the annulus. Flush with the bottom surface of the gypsum board ceiling. Min 5/8 in. thickness of fill material applied within the annulus, flush with the top surface of the floor.

   HILTI CONSTRUCTION CHEMICALS, DIV OF
   HILTI INC—FS-ONE Sealant

4. Firestop System—(Optional, Not shown) As an option to Item 3, the firestop system shall consist of the following:
   A. Firestop Device"—Cast-iron collar lined with an intumescent material sized to fit the specific diam of pipe shall be installed in accordance with the accompanying installation instructions. Collar to be installed and latched around the pipe and secured to the gypsum board ceiling with 3 in. diam by 1-1/2 in. long steel toggle bolts with 3 in. diam steel washers through hanger tabs provided.

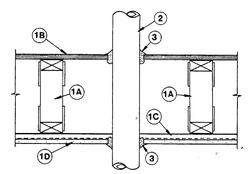
   HILTI CONSTRUCTION CHEMICALS, DIV OF
   HILTI INC—CP 643 (10% CP 643 ESZ'N, CP 642 (30% or CP 643 (10% or CP 643 (10% Firestop Collar
   B. Fill, Void or Cavity Materials"—Sealant—Min 5/8 in. thickness of fill material applied within the annulus. Flush with the bottom surface of the gypsum board ceiling. Min 5/8 in. thickness of fill material applied within the annulus, flush with the top surface of the floor.

   HILTI CONSTRUCTION CHEMICALS, DIV OF
   HILTI INC—FS-ONE Sealant

*Bearing the UL Classification Mark

5 ELECTRICAL CABLE PENETRATION MULTIPLE
SCALE: NTS OR APPROVED EQUIVALENT UL NO. WL 3076

System No. F-C-1006
(Formerly System No. 453)
F Rating—1 Hr
T Rating—1 Hr
L Rating At Ambient—Less Than 1 CFM/sq ft
L Rating At 400 F—Less Than 1 CFM/sq ft

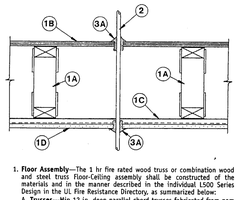


1. **Floor-Ceiling Assembly**—The 1 hr fire rated wood joist, wood truss or combination wood and steel truss Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual L500-Series Designs in the UL Fire Resistance Directory, as summarized below:
   A. **Trusses**—Nom 2 by 10 in. lumber joists, min 12 in. deep parallel chord trusses fabricated from nom 2 by 4 in. lumber in conjunction with steel truss plates or **Structural Wood Members**" with bridging as required.
   B. **Flooring**—Nom 3/4 in. thick plywood flooring with or without **Floor Topping Mixture**". Max diam of opening is 7 in.
   C. **Furring Channels**—Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
   D. **Wallboard, Gypsum**"—Nom 4 ft wide by 5/8 in. thick, screw-attached to furring channels. Max diam of opening is 5 in.

1.1 **Chase Wall** (Optional, not shown)—The through penetrants (Item No. 2) may be routed through a 1 hr fire-rated single, double or staggered wood stud/gypsum wallboard chase wall constructed of the materials and in the manner specified in the individual U300 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs**—Nom 2 by 6 in. or double nom 2 by 4 in. lumber studs.
   B. **Sole Plate**—Nom 2 by 6 in. or parallel 2 by 4 in. lumber plates, tightly butted.
   C. **Top Plate**—The double top plate shall consist of two nom 2 by 6 in. or two sets of parallel 2 by 4 in. lumber plates, tightly butted. Max diam of opening is 5 in.
   D. **Wallboard, Gypsum**"—Thickness, type, number of layers and fasteners shall be as specified in individual Wall and Partition Design.
2. **Pipe or Conduit—Steel**—One steel pipe or conduit (or smaller) steel pipe or cast iron pipe, nom 4 in. diam (or smaller) steel conduit or steel EMT or nom 3 in. diam (or smaller) Type L (or heavier) copper tubing. Pipe to be installed approx midway between joists or trusses and centered in circular cutouts. Diam of circular cutouts is 1/4 in. to 1/2 in. larger than diam of the pipe. Pipe to be rigidly supported on both sides of Floor-Ceiling assembly.
3. **Fill, Void or Cavity Materials**"—**Caulk**—Min 3/4 in. thickness of fill material applied within the annulus, flush with top surface of floor and sole plate. Min 5/8 in. thickness of fill material applied within the annulus, flush with bottom surface of ceiling or top plate. An additional min 1/4 in. crown of fill material applied to perimeter of penetrant at its egress from the top of flooring and underside of ceiling or from top of sole plate and underside of top plate.
   Minnesota Mining & Mfg. Co.—CP 25 WB+
   *Bearing the UL Classification Marking

4 METALLIC PIPE PENETRATION
SCALE: NTS OR APPROVED EQUIVALENT UL NO. FC 1006

System No. F-C-3007
(Formerly System No. 452-A)
F Rating—1 Hr
T Rating—1 Hr

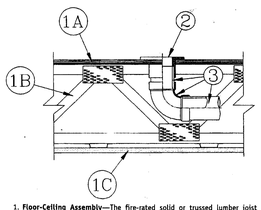


1. **Floor Assembly**—The 1 hr fire rated wood truss or combination wood and steel truss Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual L500 Series Design in the UL Fire Resistance Directory, as summarized below:
   A. **Trusses**—Nom 12 in. deep parallel chord trusses fabricated from nom 2 by 4 in. lumber in conjunction with steel truss plates or **Structural Wood Members**" with bridging as required.
   B. **Flooring**—Nom 3/4 in. thick plywood flooring with or without **Floor Topping Mixture**". Max diam of opening is 7 in.
   C. **Furring Channels**—Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
   D. **Wallboard, Gypsum**"—Nom 4 ft wide by 5/8 in. thick, screw-attached to furring channels.

1.1 **Chase Wall** (Optional, not shown)—The through penetrants (Item No. 2) may be routed through a 1 hr fire-rated single, double or staggered wood stud/gypsum wallboard chase wall constructed of the materials and in the manner specified in the individual U300 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs**—Nom 2 by 6 in. or double nom 2 by 4 in. lumber studs.
   B. **Sole Plate**—Nom 2 by 6 in. or parallel 2 by 4 in. lumber plates, tightly butted.
   C. **Top Plate**—The double top plate shall consist of two nom 2 by 6 in. or two sets of parallel 2 by 4 in. lumber plates, tightly butted. Max diam of opening is 5 in.
   D. **Wallboard, Gypsum**"—Thickness, type, number of layers and fasteners shall be as specified in individual Wall and Partition Design.
2. **Cables**—One cable to be installed eccentrically or concentrically in opening with annular space between the cable and the periphery of the opening of min 0 in. (point contact) to max 1-1/4 in. Cable to be rigidly supported on both sides of Floor-Ceilling assembly. The following types of cables may be used.
   A. Max seven conductor No. 12 AWG (or smaller) power/control cables with polyvinyl chloride insulation and jacket materials.
   B. Max 100 pair No. 22 AWG (or smaller) telecommunication cables with polyvinyl chloride insulation and jacket materials.
   C. Max four conductor with ground No. 2/0 AWG (or smaller) aluminum SER cables with polyvinyl chloride insulation and jacket materials.
3. **Fill, Void or Cavity Materials**"—**Caulk or Putty**—Min 3/4 in. thickness of fill material applied within the annulus, flush with top surface of floor or sole plate. Min 5/8 in. thickness of fill material applied within the annulus, flush with bottom surface of ceiling or top plate. An additional min 1/4 in. crown of fill material applied to perimeter of penetrant at its egress from the top of flooring and underside of ceiling or from top of sole plate and underside of top plate.
   Minnesota Mining & Mfg. Co.—CP 25WB+ Caulk, MPS-2+ Putty
   *Bearing the UL Classification Marking

3 ELECTRICAL CABLE PENETRATION
SCALE: NTS OR APPROVED EQUIVALENT UL NO. FC 3007

System No. F-C-2012
F Rating—1 Hr
T Rating—1 Hr



1. **Floor-Ceiling Assembly**—The fire-rated solid or trussed lumber joist Floor-Ceiling assembly shall be constructed of the materials and in the manner specified in the individual L500 Series Floor-Ceiling Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Flooring System**—Lumber or plywood subfloor with finish floor of lumber, plywood or **Floor Topping Mixture**" as specified in the individual Floor-Ceiling Design. Diam of hole-sawed opening in flooring to be 4 in.

UL DESIGN # U-356 TYPICAL EXTERIOR STUD WALL ASSEMBLY

Fire Resistance Ratings - ANSI/UL 263

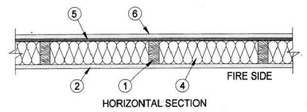
Design No. U356

September 21, 2015

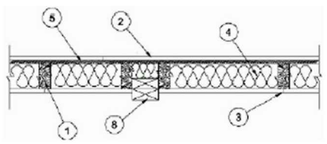
Bearing Wall Rating — 1 Hr

Finish Rating — 23 Min or 25 Min (See Item 2C)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used.



HORIZONTAL SECTION



1. Wood Studs — Nom 2 by 4 in. spaced 16 in. OC with two 2 by 4 in. top and one 2 by 4 in. bottom plates. Studs laterally-braced by wood structural panel sheathing (Item 5) .
When Mineral and Fiber Boards* (Item 5A) are considered as bracing for the studs, the load is restricted to 76% of allowable axial load. Walls effectively fire stopped at top and bottom of wall.

2. Gypsum Board* — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305. Nom 5/8 in. thick, 4 ft wide, applied vertically and nailed to studs and bearing plates 7 in. OC with 6d cement-coated nails, 1-7/8 in. long with 1/4 in. diam head.
When Item 7, Steel Framing Members*, is used, gypsum panels attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When Item 7A, 7B, or 7C Steel Framing Members*, is used, two layers of gypsum panels attached to furring channels. Base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Face layer attached to furring channels with 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC. All joints in face layers staggered with joints in base layers.

ACADIA DRYWALL SUPPLIES LTD (View Classification) — CKNX.R25370

AMERICAN GYPSUM CO (View Classification) — CKNX.R14196

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) — CKNX.R19374

CERTAINTEED GYPSUM INC (View Classification) — CKNX.R3660

CGC INC (View Classification) — CKNX.R19751

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C (View Classification) — CKNX.R18482

GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R2717

LOADMASTER SYSTEMS INC (View Classification) — CKNX.R11809

NATIONAL GYPSUM CO (View Classification) — CKNX.R3501

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) — CKNX.R7094

PANEL REY S A (View Classification) — CKNX.R21796

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) — CKNX.R19262

THAI GYPSUM PRODUCTS PCL (View Classification) — CKNX.R27517

UNITED STATES GYPSUM CO (View Classification) — CKNX.R1319

USG MEXICO S A DE C V (View Classification) — CKNX.R16089

2A. Gypsum Board* — (As an alternate to Item 2, not shown) - Any 5/8 in. thick 4 ft wide gypsum panels that are eligible for use in Design Nos. L501, G512 or U305, supplied by the Classified Companies listed below shown in the Gypsum Board* (CKNX) category. Applied vertically and attached to studs and bearing plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board.

CGC INC

UNITED STATES GYPSUM CO

USG MEXICO S A DE C V

2B. Gypsum Board* — (As an alternate to Item 2, not shown) - 5/8 in. thick 4 ft wide gypsum panels applied vertically and attached to studs and bearing plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board.

ACADIA DRYWALL SUPPLIES LTD — Type X, 5/8 Type X, Type Blueglass Exterior Sheathing

AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C

CERTAINTEED GYPSUM INC — Type C, Type X or Type X-1

GEORGIA-PACIFIC GYPSUM L L C — Types X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X, Soffit-Type X, Type X ComfortGuard Sound Deadening Gypsum Board.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types PG-11, PGS-WRS.

THAI GYPSUM PRODUCTS PCL — Type C or Type X

2C. Gypsum Board* — (As an alternate to Item 2, not shown) - For Use with Item 5A only - 5/8 in. thick 4 ft wide gypsum panels applied horizontally and attached to studs and bearing plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screws 1 in.and 4 in. from edges of board. Finish Rating is 25 min.

ACADIA DRYWALL SUPPLIES LTD — 5/8 Type X, Type Blueglass Exterior Sheathing

GEORGIA-PACIFIC GYPSUM L L C — Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X,Soffit-Type X

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types PG-11, PGS-WRS.

2D. Gypsum Board* — (As an alternate to Item 2) - Not to be used with item 7. 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically only and fastened to the studs and plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads, 7 in. OC.

NATIONAL GYPSUM CO — SoundBreak XP Type X Gypsum Board

2E. Gypsum Board* — (As an alternate to Items 2 through 2D) — Nominal 5/8 in. thick, 4 ft wide panels, secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES.

2F. Gypsum Board* — (As an alternate to Item 2) - Not to be used with item 7. 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically only and fastened to the studs and plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads, 7 in. OC.
CERTAINTEED GYPSUM INC — Type SilentFX

2G. Wall and Partition Facings and Accessories* — (As an alternate to Items 2 through 2F) — Nominal 5/8 in. thick, 4 ft wide panels, secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527.

2H. Gypsum Board* — (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

3. Joints and Nailheads — (Not Shown) — Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound.

4. Batts and Blankets* — Mineral fiber or glass fiber insulation, 3-1/2 in. thick, pressure fit to fill wall cavities between studs and plates. Mineral fiber insulation to be unfaced and to have a min density of 3 pcf. Glass fiber insulation to be faced with aluminum foil or kraft paper and to have a min density of 0.9 pcf (min R-13 thermal insulation rating).
See Batts and Blankets* (BKNV) Category in the Building Materials Directory and Batts and Blankets* (BZJZ) Category in the Fire Resistance Directory for names of Classified Companies.

4A. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft3, in accordance with the application instructions supplied with the product.
U S GREENFIBER L L C — INS735 & INS745 for use with wet or dry application. INS510LD, INS515LD, INS541LD, INS735, INS745, INS765LD, and INS770LD are to be used for dry application only.

4B. Fiber, Sprayed* — As an alternate to Item 4 and 4A — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 4.58 lb/ft 3.
NU-WOOL CO INC — Cellulose Insulation

4C. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 4) - Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft3.
INTERNATIONAL CELLULOSE CORP — Celbar-RL

5. Wood Structural Panel Sheathing — Min 7/16 in. thick, 4 ft wide wood structural panels, min grade "C-D" or "Sheathing" . Installed with long dimension of sheet (strength axis) or face grain of plywood parallel with or perpendicular to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2 by 4 in. wood blocking. Attached to studs on exterior side of wall with 6d cement coated box nails spaced 6 in. OC at perimeter of panels and 12 in. OC along interior studs.

5A. Mineral and Fiber Boards* — As an alternate to Item 5 - Min 1/2 in. thick, 4 ft wide sheathing, installed vertically to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2 by 4 in. wood blocking. Attached to studs on exterior side of wall with 1-1/2 in. long galvanized roofing nails spaced 6 in. OC at perimeter of panels and 12 in. OC along interior studs. As an option a weather resistive barrier may be applied over the Mineral and Fiber Boards.
GEORGIA-PACIFIC PANEL PRODUCTS L L C — Types FiberBrace or QuietBrace

6. Exterior Facings — Installed in accordance with the manufacturer's installation instructions. One of the following exterior facings is to be applied over the sheathing:
A. Vinyl Siding — Molded Plastic* — Contoured rigid vinyl siding having a flame spread value of 20 or less. See Molded Plastic (BTAT) category in the Building Materials Directory for names of manufacturers.

B. Particle Board Siding — Hardboard exterior sidings including patterned panel or lap siding.

C. Wood Structural Panel or Lap Siding — APA Rated Siding, Exterior, plywood, OSB or composite panels with veneer faces and structural wood core, per PS 1 or APA Standard PRP-108, including textured, rough sawn, medium density overlay, brushed, grooved and lap siding.

D. Cementitious Stucco — Portland cement or synthetic stucco systems with self-furring metal lath or adhesive base coat. Thickness from 3/8 to 3/4 in., depending on system.

E. Brick Veneer — Any type on nom 4 in. wide brick veneer. When brick veneer is used, the rating is applicable with exposure on either face. Brick veneer fastened with corrugated metal wall ties attached over sheathing to wood studs with 8d nail per tie: ties spaced not more than each sixth course of brick and max 32 in. OC horizontally. One in. air space provided between brick veneer and sheathing.

F. Exterior Insulation and Finish System (EIFS) — Nom 1 in. Foamed Plastic* insulation bearing the UL Classification Marking, attached over sheathing and finished with coating system, or Portland cement or synthetic stucco systems, in accordance with manufacturer's instructions. See Foamed Plastic (BRYX and CCVW) categories for names of Classified companies.

G. Siding — Aluminum or steel siding attached over sheathing to studs.
H. Fiber-Cement Siding — Fiber-cement exterior sidings including smooth and patterned panel or lap siding.

6A. Building Units* —As an alternate to Exterior Facing Item 6 — , Insulated steel panels, 12 through 42 in. wide. Attached over sheathing through retainer clips to studs or support steel with No. 14 hex head self-tapping screws located at each joint in the concealed lip of the units and spaced in accordance with the structural design requirements.

KINGSPAN INSULATED PANELS INC — Types 200, 300, 400, 900, or KS series, 2 through 6 in. thickness; CWP-V, H, 2 through 3 in. nominal thickness or Designwall 2000 or Designwall 4000, 2 and 3 in. nominal thickness.

7. Steel Framing Members — (Optional, Not Shown)* — Furring Channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.

b. Steel Framing Members* — Used to attach furring channels (Item 7A) to studs . Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75).

7A. Steel Framing Members (Optional, Not Shown)* — Furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Two layers of gypsum board attached to furring channels as described in Item 2.

b. Steel Framing Members* — Used to attach furring channels (Item 7Aa) to interior side of studs. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.
KINETICS NOISE CONTROL INC — Type Isomax.

7B. Steel Framing Members* — (Optional, Not Shown) - Furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.

b. Steel Framing Members* — Used to attach furring channels (Item a) to studs. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Genie clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
PLITEQ INC — Type Genie Clip

7C. Steel Framing Members — (Optional, Not Shown)* - Furring channels and resilient sound isolation clip as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 2. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips - Type A237R located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.

b. Steel Framing Members* — Resilient sound isolation clip used to attach furring channels (Item 7Ca) to studs. Clips spaced 16 in. OC., and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

8. Non-Bearing Wall Partition Intersection — (Optional) Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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UL DESIGN # U-341

Fire Resistance Ratings - ANSI/UL 263

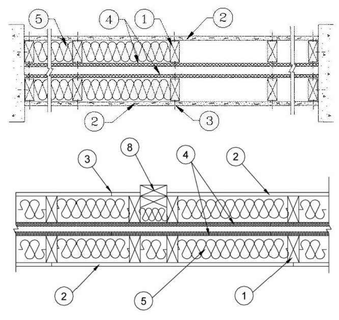
Design No. U341

September 21, 2015

Bearing Wall Rating — 1 Hr.

Finish Rating — Min 20 min.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used.



1. Wood Studs — Nom 2 by 4 in., spaced 24 in. OC max. Cross braced at mid-height and effectively firestopped at top and bottom of wall. No min. air space between stud rows except to accommodate attachment of sheathing, where required. See items 4 and 5.

2. Gypsum Board* — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305. Nom 5/8 in. thick 4 ft wide. Gypsum board or lath applied horizontally or vertically, unless specified below, and nailed to studs and bearing plates 7 in. OC with 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam head. As an alternate, No. 6 bugle head drywall screws, 1-7/8 in. long, may be substituted for the 6d cement coated nails. When Steel Framing Members* (Item 6-6B) are used, wallboard attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.
When used in widths other than 48 in., gypsum board to be installed horizontally.

ACADIA DRYWALL SUPPLIES LTD (View Classification) — CKNX.R25370

AMERICAN GYPSUM CO (View Classification) — CKNX.R14196

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) — CKNX.R19374

CERTAINTEED GYPSUM INC (View Classification) — CKNX.R3660

CGC INC (View Classification) — CKNX.R19751

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C (View Classification) — CKNX.R18482

GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R2717

LOADMASTER SYSTEMS INC (View Classification) — CKNX.R11809

NATIONAL GYPSUM CO (View Classification) — CKNX.R3501

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) — CKNX.R7094

PANEL REY S A (View Classification) — CKNX.R21796

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) — CKNX.R19262

THAI GYPSUM PRODUCTS PCL (View Classification) — CKNX.R27517

UNITED STATES GYPSUM CO (View Classification) — CKNX.R1319

USG BORAL ZAWAWI DRYWALL L L C SFZ (View Classification) — CKNX.R38438

USG MEXICO S A DE C V (View Classification) — CKNX.R16089

2A. Gypsum Board* — (As an alternate to Item 2, not shown) - Nominal 5/8 in. thick, 4 ft wide panels, applied vertically to studs and bearing plates on one side of the assembly with 1-5/8 in. long Type S screws spaced 12 in. OC at perimeter of panels and 8 in. OC in the field. Horizontal joints of vertically applied panels need not be backed by studs. Panel joints covered with paper tape and two layers of joint compound. Screwheads covered with two layers of joint compound. Batts and Blankets placed in stud cavity as described in Item 5C. Not evaluated for use with Steel Framing Members, Furring Channels or Fiber, Sprayed.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-530 (finish rating 23 min).

2B. Gypsum Board* — (As an alternate to Item 2, not shown) - Any 5/8 in. thick gypsum panels that are eligible for use in Design Nos. L501, G512 or U305, supplied by the Classified companies listed below shown in the Gypsum Board* (CKNX) category. Applied horizontally or vertically and attached to studs and bearing plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths other than 48 in., gypsum board to be installed horizontally.

CGC INC

UNITED STATES GYPSUM CO

USG MEXICO S A DE C V

2C. Gypsum Board* — (As an alternate to Item 2, not shown) - 5/8 in. thick gypsum panels applied horizontally or vertically and attached to studs and bearing plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths other than 48 in., gypsum board to be installed horizontally.

AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C

CERTAINTEED GYPSUM INC — Type C, Type X or Type X-1

THAI GYPSUM PRODUCTS PCL — Type C or Type X

2D. Gypsum Board* — (As an alternate to Items 2, 2A, 2B and 2C) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last 2 screws 1 and 4 in. from edge of board or nailed as described in Item 2. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.

GEORGIA-PACIFIC GYPSUM L L C — GreenGlass Type X, Type DGG.

2E. Gypsum Board* — (As an alternate to Items 2 through 2D) - 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically only and secured as described in Item 2.
GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board.

2F. Gypsum Board* — (As an alternate to Items 2 through 2E) - Installed as described in Item 2. 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically only and fastened to the studs and plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads, 7 in. OC. Not for use with item #6.

NATIONAL GYPSUM CO — SoundBreak XP Type X Gypsum Board

2G. Gypsum Board* — (As an alternate to Items 2 through 2F) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types QuietRock ES.

2H. Gypsum Board* — (As an alternate to Items 2 through 2G) - Installed as described in Item 2. 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically only and fastened to the studs and plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads, 7 in. OC. Not for use with item #6.

CERTAINTEED GYPSUM INC — Type SilentFX

2I. Wall and Partition Facings and Accessories* — (As an alternate to Items 2 through 2H) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527.

2J. Gypsum Board* — (As an alternate to 5/8 in. Type FSW in Item 2) - 2 layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal joints on the same side need not be staggered. Inner layer attached with fasteners, as described in item 2, spaced 24 in. OC. Outer layer attached per Item 2.

NATIONAL GYPSUM CO — Type FSW.

2K. Gypsum Board* — (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

3. Joints and Nailheads — Gypsum board joints of outer layer covered with tape and joint compound. Nail heads of outer layer covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with joints reinforced with paper tape.

4. Sheathing — (Optional) — Septum may be sheathed with min 7/16 in. thick wood structural panels min grade "C-D" or "Sheathing" or min 1/2 in. thick Mineral and Fiber Boards*.
See Mineral and Fiber Boards (CERZ) category for names of Classified companies.

5. Batts and Blankets* — 3-1/2 in. max thickness glass or mineral fiber batt insulation. Optional when sheathing (Item 4) is used on both halves of wall.
See Batts and Blankets (BZJZ) category for list of Classified companies.

5A. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft3, in accordance with the application instructions supplied with the product.

U S GREENFIBER L L C — INS735 & INS745 for use with wet or dry application. INS510LD, INS515LD, INS541LD, INS735, INS745, INS765LD, and INS770LD are to be used for dry application only.

5B. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) and Item 5A when Sheathing (Item 4) is used on both halves of wall - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

NU-WOOL CO INC — Cellulose Insulation

5C. Batts and Blankets* — (Required for use with Wall and Partition Facings and Accessories, Item 2A. Use of Sheathing, Item 4, does not nullify requirement of Item 5C for use with Item 2A) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.

5D. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) and Item 5A when Sheathing (Item 4) is used on both halves of wall - Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft3.

INTERNATIONAL CELLULOSE CORP — Celbar-RL

6 Steel Framing Members (Optional, Not Shown)* — Furring channels and Steel Framing Members as described below:

A. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.
B. Steel Framing Members* — Used to attach furring channels (Item 1) . Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75).

6A. Steel Framing Members* — (Optional, Not Shown) - Furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.
b. Steel Framing Members* — Used to attach furring channels (Item a) to studs. Clips spaced 48 in. OC. Genie clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
PLITEQ INC — Type Genie Clip

6B. Steel Framing Members — (Optional, Not Shown)* — Furring channels and resilient sound isolation clip as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 2. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips - Type A237R located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.
b. Steel Framing Members* — Resilient sound isolation clip used to attach furring channels (Item 6Ba) to studs. Clips spaced 24 in. OC., and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

7. Wall and Partition Facings and Accessories* — (Optional, Not shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

8. Non-Bearing Wall Partition Intersection — (Optional) Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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REVIEWED FOR STATE FIRE MARSHAL AS PER REVIEW COMMENTS BY: ERIC M. RILEY, ARCHITECT

Eric M. Riley

PERMIT: 09-02-2016

Designed by:	SB
Drawn by:	EH
Architect of Record:	TD
Date Plotted:	09/02/16
Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
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SHEET CONTENTS:
U.L. RATED ASSEMBLIES

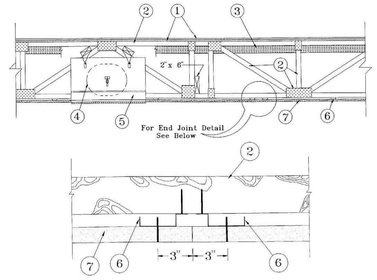
SHEET NO.
A1.06b

15557

UL DESIGN # L521

Design No. L521

Unrestrained Assembly Rating — 1 Hr
Finish Rating — 25 Min (See Items 3 and 3A)



1. **Flooring System —** The finish flooring may consist of any one of the following systems:

System No. 1

Finish Flooring — Nom 1 by 4 in. T&G; laid perpendicular to trusses; or 15/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor" . Long dimensions of panel (strength axis) or face grain of plywood to be perpendicular to trusses with joints staggered.
Vapor Barrier — (Optional) — Commercial asphalt saturated felt, 0.030 in. thick.
Subflooring — 23/32 in. thick wood structural panels . Installed perpendicular to trusses with end joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails. Nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

System No. 2

Finish Flooring — Floor Topping Mixture* — 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand. Compressive strength to be 1100 psi min. Thickness to be 3/4 in. min.
HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 4010, Firm-Fill High Strength, Gyp-Span Radiant.
Subflooring — 23/32 in. thick wood structural panels . Installed perpendicular to trusses with end joints staggered 4 ft. Plywood or panels secured to trusses with construction adhesive and No. 6d ringed shank nails. Nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

System No. 3

Finish Floor — Mineral and Fiber board*, sizes ranging from 3 ft by 4 ft to 8 ft by 12 ft, by min 1/2 in. thick. All joints to be staggered a min of 12 in. OC with adjacent sub-floor joints.
HOMASOTE CO —Type 440-32 Mineral and Fiber Board
Sub-flooring — 1 in. by 6 in. T & G fastened diagonally to joists; or 15/32 in. thick plywood or 7/16 in. thick oriented strand board (OSB) wood structural panels, min grade "C-D" or "Sheathing" . Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.

System No. 4

Finish Flooring — Floor Topping Mixture* — 10 to 13 gal of water to 170 lbs of floor topping mixture to 595 lbs of sand, Compressive strength 900 psi min, thickness to be 3/4 in. min.
ORTECRETE CORP — Type II.
Subflooring — 23/32 in. thick wood structural panels, min grade "underlayment" or "single floor". Face grain of plywood or strength axis of panels installed perpendicular to trusses with end joints staggered 4ft. Panels secured to trusses with constructiion adhesive and No. 6d ringed shank nails. Nails spaced 12 in. OC along each truss. Staples have equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

System No. 5

Finish Flooring — Floor Topping Mixture* — — Compressive strength to be 1500 psi min. Thickness to be 3/4 in. min. Refer to manufacturer's instructions accompanying the material for specific mix design.
UNITED STATES GYPSUM CO —Levelrock 2500, Levelrock RH
Vapor Barrier — — (Optional) — Commercial asphalt saturated felt, 0.030 in. thick.
Subflooring — — 23/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Long dimension of panels (strength axis) or face grain of plywood to be perpendicular to joists with joints staggered.
Floor Mat Materials* — (Optional) — Floor mat material nom 0.4 in. thick loose laid over the subfloor. Floor topping thickness a min 1 in. over the floor mat.
UNITED STATES GYPSUM CO — Type USG Sound Mat

System No. 6

Finish Flooring — Floor Topping Mixture* — — Compressive strength to be 2100 psi min. Thickness to be 1/2 in. min. Refer to manufacturer's instructions accompanying the material for specific mix design.
UNITED STATES GYPSUM CO —Levelrock 3500, Levelrock Commercial RH
Vapor Barrier — — (Optional) — Commercial asphalt saturated felt, 0.030 in. thick.
Floor Mat Materials* — (Optional) — Floor mat material nom 0.4 in. thick loose laid over the subfloor. Floor topping thickness a min 1 in. over the floor mat.
UNITED STATES GYPSUM CO —Type USG Sound Mat
Subflooring — — 23/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Long dimension of panels (strength axis) or face grain of plywood to be perpendicular to joists with joints staggered.

System No. 7

Finish Flooring — Floor Topping Mixture* — — Compressive strength to be 3000 psi min. Thickness to be 1/2 in. min. Refer to manufacturer's instructions accompanying the material for specific mix design.
UNITED STATES GYPSUM CO —Levelrock 4500
Vapor Barrier — — (Optional) — Commercial asphalt saturated felt, 0.030 in. thick.
Subflooring — — 23/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Long dimension of panels (strength axis) or face grain of plywood to be perpendicular to joists with joints staggered.
Floor Mat Materials* — (Optional) — Floor mat material nom 0.4 in. thick loose laid over the subfloor. Floor topping thickness a min 1 in. over the floor mat.
UNITED STATES GYPSUM CO — Type USG Sound Mat

System No. 8

Finish Flooring — Floor Topping Mixture* — — Compressive strength to be 3000 psi min. Thickness to be 3/4 in. min. Refer to manufacturer's instructions accompanying the material for specific mix design.
UNITED STATES GYPSUM CO —Levelrock SLC
Vapor Barrier — — (Optional) — Commercial asphalt saturated felt, 0.030 in. thick.
Subflooring — — 23/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Long dimension of panels (strength axis) or face grain of plywood to be perpendicular to joists with joints staggered.
Floor Mat Materials* — (Optional) — Floor mat material nom 0.4 in. thick loose laid over the subfloor. Floor topping thickness a min 1 in. over the floor mat.
UNITED STATES GYPSUM CO — Type USG Sound Mat

2. **Trusses —** Parallel chord trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Min truss depth is 18 in. Truss members secured together with min 0.0356 in. thick galv steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tooth has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approx. 7/8 in. centers with four rows of teeth per inch of plate width.
3. **Batts and Blankets* —** (Optional) — Glass fiber insulation, max 3-1/2 in. thick, secured to the plywood subflooring with staples spaced 12 in. OC or to the trusses with 0.090 in. diam galv steel wires spaced 12 in. OC. Any glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance, having a min density of 0.5 pcf, As an option, the insulation may be fitted in the concealed space, draped over the resilient channels and gypsum wallboard ceiling membrane when the resilient channels and gypsum wallboard attachment is modified as specified in Items 6 and 7. The finished rating has only been determined when the insulation is secured to the decking.

3A. **Loose Fill Material* —** As an alternate to Item 3 when insulation is draped over resilient channels and gypsum wallboard ceiling membrane — Any loose fill material bearing the UL Classification Marking for Surface Burning Characteristics, having a min density of 0.5 pcf and installed at a max thickness of 3-1/2 in. When used the resilient channel and gypsum wallboard attachment is modified as specified in Items 6 and 7. The finished rating when loose fill material is used has not been determined.

4. **Air Duct* —** Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.
5. **Ceiling Damper* —** Maximum nominal area, 324 sq in. Maximum square size, 18 in. by 18 in. Rectangular sizes not to exceed 324 sq in. with a maximum width of 18 in. Maximum damper height is 14 in. Installed in accordance with the manufacturers installation instructions provided with the damper. Maximum damper openings not to exceed 324 sq in. per 100 sq ft of ceiling area.
C&S AIR PRODUCTS —Model RD-521
POTTORFF —Model CFD-521.
6. **Furring Channels —** Resilient channels, nom. 1/2 in. deep by 2-3/8 in. wide at the base and 1-3/8 in. wide at the face, formed from 0.020 in. thick galv steel, spaced 16 in. OC, installed perpendicular to trusses. When insulation, Item 3 or 3A, is draped over the resilient channel/gypsum wallboard ceiling membrane, the spacing shall be 12 in. OC. Channels secured to each truss with 1-1/4 in. long Type S steel screws. Channels overlapped 4 in. at splices. Channels oriented opposite at wallboard butt joints (spaced 6 in. OC) as shown in the above illustration.

6A. **Steel Framing Members (Not Shown)* —** As an alternate to Item 6, furring channels and Steel Framing Members as described below.
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 12 in. OC perpendicular to wood structural members. Channels secured to trusses as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.
b. **Steel Framing Members* —** Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced 12 in. OC., and secured to consecutive trusses with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. Adjoining channels are overlapped as described in Item a. Additional clips required to hold furring channel that supports the wallboard butt joints, as described in Item 7.
PAC INTERNATIONAL INC — Type RSIC-1.

6B. **Steel Framing Members* (Not Shown) —** As an Alternate to Items 6, 6A- Main runners, cross tees, cross channels and wall angle as listed below:
a. **Main Runners —** Nom 10 or 12 ft. long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft. OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 48 in. OC. Hanger wires to be located adjacent to main runnercross tee intersections. Hanger wires wrapped and twist-tied on 16d nails driven in to side of joists at least 5 in. above the bottom face.
b. **Cross Tees —** - Nom 4 ft. long, 1-1/2 in. wide face, installed perpendicular to the main runners, spaced 16 in. OC. When Batts and Blankets* (Item 10) are used, cross tees spaced 16 in. OC. Additional cross tees or cross channels used at 8 in. from each side of butted wallboard end joints. The cross tees or cross channels may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.
c. **Cross Channels —** Nom 4 or 12 ft. long, installed perpendicular to main runners, spaced 16 in. OC. When Batts and Blankets* (Item 10) are used, cross channels spaced 16 in. OC.
d. **Wall Angle or Channel —** Painted or galv steel angle with 1 in. legs or channel with 1 in. legs, 1-9/16 in. deep attached to walls at perimeter of ceiling with fasteners 16 in. OC. To support steel framing member ends and for screw-attachment of the gypsum wallboard.
CGC INTERIORS, DIV OF
CGC INC —Type DGL or RX.
USG INTERIORS INC —Type DGL or RX.

7. **Gypsum Board* —** Nom 5/8 in. thick, 48 in. wide, installed with long dimension perpendicular to resilient channels with 1 in. long Type S screws spaced 12 in. OC and located a min of 1/2 in. from side joints and 3 in. from the end joints. At end joints, two resilient channels are used, extending a min of 6 in. beyond both ends of the joint. When insulation, Item 3 or 3A, is draped over the resilient channel/gypsum wallboard ceiling membrane, screws shall be installed at 8 in. OC.
When **Steel Framing Members** (Item 6A) are used, sheets installed with long dimensions perpendicular to furring channels. Sheets attached to the furring channels using 1 in. long Type S bugle-head steel screws spaced 8 in. OC along butted end joints and in the field of the board. Butted end joints shall be staggered min. 2 ft. within the assembly, and occur midway between the continuous furring channels. Each end of the gypsum board shall be supported by a single length of furring channel equal to the width of the wallboard plus 6 in. on each end. The support furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to underside of the truss with one RSIC-1 clip at each end of the channel.
When **Batts and Blankets*** (Item 3) and **Steel Framing Members*** (Item 6B) are used - 5/8 in. thick, 4 ft wide; installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Fastened to cross tees with 1 in. long steel wallboard screws spaced 8 in. OC in the field and 8 in. OC along end joints. Fastened to main runners with 1 in. long wallboard screws spaced midway between cross tees. Screws along sides and ends of boards spaced 3/8 to 1/2 in. from board edge. End joints of the sheets shall be staggered with spacing between joints on adjacent boards not less than 4 ft OC.
CANADIAN GYPSUM COMPANY —Types C, IP-X2, IPC-AR.
UNITED STATES GYPSUM CO —Types C, IP-X2, IPC-AR.
USG MEXICO S A DE C V —Types C, IP-X2, IPC-AR.
8. **Finishing System —** (Not shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum wallboard.

*Bearing the UL Classification Mark

GA FILE NO. WP 3380

WALLS AND INTERIOR PARTITIONS, WOOD-FRAMED

GA FILE NO. WP 3380	GENERIC	1 HOUR FIRE	40 to 44 STC SOUND

GYPSUM WALLBOARD, WOOD STUDS

One layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to each side of 2 x 4 wood studs 16" o.c. staggered 8" o.c. on 2 x 6 wood plates with 6d coated nails, 1 7/8" long, 0.0915" shank, 1/4" heads, 2" o.c.

Joints staggered 24" on opposite sides. Horizontal bracing required at mid-height. **(LOAD-BEARING)**



Thickness: 6 3/4"
Approx. Weight: 8 psf
Fire Test: See WP 3605 (UL R1319-4, 6, 6-17-52; UL R2717-28, 1-20-66; UL R3501-52, 3-15-66, UL Design U305; ULC Design W301)
Sound Test: Estimated

GA FILE NO. WP 4230

WALLS AND INTERIOR PARTITIONS, WOOD-FRAMED

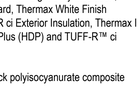
GA FILE NO. WP 4230	GENERIC	2 HOUR FIRE

GYPSUM WALLBOARD, WOOD STUDS, MINERAL FIBER INSULATION

Base layer 5/8" type X gypsum wallboard applied at right angles to each side of 2 x 6 wood studs 24" o.c. with 2 1/4" Type G or W drywall screws 24" o.c. **Face** layer 5/8" type X gypsum wallboard applied at right angles to each side with 2 1/4" Type G drywall screws 8" o.c. 5 1/2" mineral fiber insulation, nominal 3 pcf, friction fit in stud space.

Joints staggered 24" each layer and side.

Tested at 5,506 lbs per stud or 100 percent of design load. **(LOAD-BEARING)**



Thickness: 8"
Approx. Weight: 13 psf
Fire Test: ITS J20-06170.3, 12-00

UL DESIGN # U-905

Fire Resistance Ratings - ANSI/UL 263

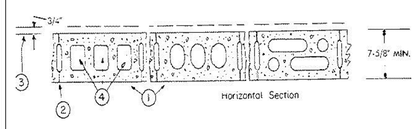
Design No. U905

September 11, 2015

Bearing Wall Rating — 2 HR.

Nonbearing Wall Rating — 2 HR

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used.



1. Concrete Blocks* — Various designs. Classification D-2 (2 hr).
See Concrete Blocks category for list of eligible manufacturers.

2. Mortar — Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. Portland Cement Stucco or Gypsum Plaster — Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).

4. Loose Masonry Fill — If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.

5. Foamed Plastic* — (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).
ATLAS ROOFING CORP — "EnergyShield Pro Wall Insulation" and "EnergyShield Pro 2 Wall Insulation"

CARLISLE COATINGS & WATERPROOFING INC — Type R2+ Sheath

HUNTER PANELS — Types Xci-Class A, Xci 286

RMAX OPERATING L L C — "TSX-8500", "TSX-8510", "Thermasheath-XP", "ECOMAXci", "Thermasheath-3", "Durasheath-3"

THE DOW CHEMICAL CO — Types Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP) and TUFF-R™ ci Insulation

5A. Building Units — As an alternate to Items 5, min. 1-in thick polyisocyanurate composite foamed plastic insulation boards, nom. 48 by 48 or 96 in.
RMAX OPERATING L L C — "Thermasheath-SI", "ECOBASEci", "ThermaBase-CI"

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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Designed by:	SB
Drawn by:	EH, NP
Architect of Record:	TD
Date Plotted:	09/02/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
1	09/22/2017	REVISION 1

THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

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TANYA A. DeSADIER
Reg. No. 19421
STATE OF LOUISIANA
REGISTERED ARCHITECT

PERMIT: 09-02-2016

SHEET CONTENTS:
U.L. RATED ASSEMBLIES

SHEET NO.
A1.06c

15557

UL DESIGN # U-305 TYPICAL INTERIOR WALL ASSEMBLY

Fire Resistance Ratings - ANSI/UL 263

Design No. U305

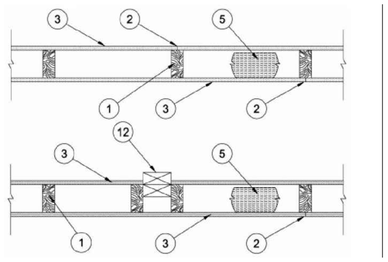
August 28, 2015

Bearing Wall Rating — 1 Hr

Finish Rating — See Items 3, 3A, 3D, 3E, 3F, 3G, 3H, 3J and 3L.

STC Rating - 56 (See Item 9)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used.



1. Wood Studs — Nom 2 by 4 in. spaced 16 in. OC max, effectively firestopped.

2. Joints and Nail-Heads — Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.

3. Gypsum Board* — 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally. For an alternate method of attachment of gypsum panels, refer to Item 6, 6A or 6B, Steel Framing Members*.
When Item 6 ,6B, or 6C Steel Framing Members*, are used, gypsum panels attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When Item 6A, Steel Framing Members*, is used, two layers of gypsum panels attached to furring channels. Base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Face layer attached to furring channels with 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC. All joints in face layers staggered with joints in base layers. One layer of gypsum board attached to opposite side of wood stud without furring channels as described in Item 3.

When Item 7, resilient channels are used, 5/8 in. thick, 4 ft wide gypsum panels applied vertically. Screw attached furring channels with 1 in. long, self-drilling, self-tapping Type S or S-12 steel screws spaced 8 in. OC, vertical joints located midway between studs.

ACADIA DRYWALL SUPPLIES LTD — Type X (finish rating 22 min), 5/8 Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant AR Type X, Type Blueglass Exterior Sheathing

AMERICAN GYPSUM CO — Types AGX-1(finish rating 23 min.), M-Glass (finish rating 23 min.), Type AGX-11 (finish rating 26 min), Type LightRoc (finish rating 22 min) or Type AG-C

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1 (finish rating 24 min).

CERTAINTEED GYPSUM INC — Type 1, Type SF3 (finish rating 20 min) or FRPC; Type C, Type X or Type X-1 (finish rating 26 min); Type EGRG or GlasRoc (finish rating 23 min)

CGC INC — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type ULX (finish rating 22 min), Type WRC (finish rating 24 min), Type WRX (finish rating 24 min).

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A (finish rating 34 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX (finish rating 21 min).

GEORGIA-PACIFIC GYPSUM L L C — Type 5 (finish rating 26 min), Type 6 (finish rating 23 min), Type 9 (finish rating 26 min), Type C (finish rating 26 min), Type DGG (finish rating 20 min), Type GPFS1 (finish rating 20 min), Type GPFS2 (finish rating 20 min), Type GPFS6 (finish rating 26 min), Type DS, Type DAP, Type DD (finish rating 20 min), Type DA, Type DAPC, Type LS (finish rating 23 min), Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, Type LWX (finish rating 22 min), Veneer Plaster Base-Type LWX (finish rating 22 min), Water Rated-Type LWX (finish rating 22 min), Sheathing Type-LWX (finish rating 22 min), Soffit-Type LWX (finish rating 22 min), Type DGLW (finish rating 22 min), Water Rated-Type DGLW (finish rating 22 min), Sheathing Type- DGLW (finish rating 22 min), Soffit-Type DGLW (finish rating 22 min), Type LWX (finish rating 22 min), Type LW2X (finish rating 22 min), Veneer Plaster Base - Type LW2X (finish rating 22 min), Water Rated - Type LW2X (finish rating 22 min), Sheathing - Type LW2X (finish rating 22 min), Soffit - Type LW2X (finish rating 22 min), Type DGL2W (finish rating 22 min), Water Rated - Type DGL2W (finish rating 22 min), Sheathing - Type DGL2W (finish rating 22 min).

NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min), Type FSMR-C, Type FSW-6 (finish rating 20 min), Type FSL (finish rating 24 min), Type FSW-8.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types C, PG-2 (finish rating 20 min), PG-3 (finish rating 20 min), Types PG-3W, PG-5W (finish rating 20 min), Type PG-4 (finish rating 20 min), Type PG-6 (finish rating 23 min), Types PG-3WS, PG-5WS, PGS-WRS (finish rating 20 min), Types PG-5, PG-9 (finish rating 26 min), PG-11 or Type PG-C.

PANEL REY S A — Type GREX, PRX; Types RHX, MDX, ETX (finish rating 22 min)

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1 (finish rating 26 min)

THAI GYPSUM PRODUCTS PCL — Type C, Type X (finish rating 26 min)

UNITED STATES GYPSUM CO — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type FRX-G (finish rating 29 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type SCX (finish rating 24 min), Type SGX (finish rating 24 min), Type ULX (finish rating 22 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type ULIX (finish rating 20 min).

USG MEXICO S A DE C V — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), SCX (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type ULX (finish rating 22 min).

3A. Gypsum Board* — (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.

AMERICAN GYPSUM CO — Types AGX-1 (finish rating 25 min.), M-Glass (finish rating 25 min.), Type AG-C (finish rating 25 min.).

CERTAINTEED GYPSUM INC — Type C, Type X or Type X-1 (finish rating 26 min).

CGC INC — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type WRC (finish rating 24 min), Type WRX (finish rating 24 min).

UNITED STATES GYPSUM CO — Type AR (finish rating 24 min), Type SCX (finish rating 24 min), Type SGX (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type FRX-G (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min).

USG BORAL ZAWAWI DRYWALL L L C SFZ — Types C, SCX

USG MEXICO S A DE C V — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type SCX, Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min).

3B. Gypsum Board* — (As an alternate to Item 3) — Nom 3/4 in. thick, installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-3/8 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A.

CGC INC — Types AR, IP-AR.

UNITED STATES GYPSUM CO — Types AR, IP-AR.

USG MEXICO S A DE C V — Types AR, IP-AR.

3C. Gypsum Board* — (As an alternate to Items 3, 3A and 3B) — 5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally to one side of the assembly. Installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-1/4 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A. Joint covering (Item 2) not required.

CGC INC — Type SHX.

UNITED STATES GYPSUM CO — Type SHX.

USG MEXICO S A DE C V — Type SHX.

3D. Gypsum Board* — (As an alternate to Items 3, 3A, 3B, or 3C — not shown) For Direct Application to Studs Only- Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RAY-BAR ENGINEERING CORP — Type RB-LBG (finish rating 24 min).

3E. Gypsum Board* — (As an alternate to Items 3, 3A, 3B, 3C, and 3D) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last 2 screws 1 and 4 in. from edge of board or nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.

GEORGIA-PACIFIC GYPSUM L L C — Type DGG (finish rating 20 min), GreenGlass Type X (finish rating 23 min).

3F. Gypsum Board* — (As an alternate to Items 3, 3A, 3B, 3C, 3D, and 3E) - 5/8 in. glass-mat faced with square edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC around the perimeter and in the field with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Nails shall be placed 1 inch and 3 inch from horizontal joints and 7 inch OC thereafter.
CGC INC — Type USGX (finish rating 22 min)

UNITED STATES GYPSUM CO — Type USGX (finish rating 22 min.)

USG MEXICO S A DE C V — Type USGX (finish rating 22 min.)

3G. Gypsum Board* — (As an alternate to Items 3 through 3F) - 5/8 in. thick paper surfaced applied vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.

GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board (finish rating 27 min).

3H. Gypsum Board* — (As an alternate to Items 3) - Not to be used with items 6 or 7. 5/8 in. thick paper surfaced applied vertically only. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.
NATIONAL GYPSUM CO — SoundBreak XP Type X Gypsum Board

3I. Gypsum Board * — (As an alternate to Items 3 through 3H, not shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically. Panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Panel joints covered with paper tape and two layers of joint compound. Nailheads covered with two layers of joint compound.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES (finish rating 20 min).

3J. Gypsum Board* — (As an alternate to Items 3) - Not to be used with items 6 or 7. 5/8 in. thick paper surfaced applied vertically only. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.
CERTAINTEED GYPSUM INC — Type SilentFX

3K. Gypsum Board* — (As an alternate to Item 3) - 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 8 in. OC with the last screw 1 in. from the edge of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min), Type FSMR-C, Type FSW-6 (finish rating 20 min).

3L. Gypsum Board* — (As an alternate to Item 3) For Direct Application to Studs Only- Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 10 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, max 5/16 in. diam by max 0.140 in. thick. compression fitted or adhered over the screw heads. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D".
MAYCO INDUSTRIES INC — "X-Ray Shielded Gypsum"

3M. Gypsum Board* — (As an alternate to Items 3) For Direct Application to Studs Only- For use as the base layer or as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

3N. Gypsum Board* — (As an alternate to Item 3) — 5/8 in. thick, 4 ft. wide, applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 3.

CERTAINTEED GYPSUM INC — 5/8" Easi-Lite Type X (finish rating 24 min)

3O. Wall and Partition Facings and Accessories* — (As an alternate to Item 3, not shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically. Panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Panel joints covered with paper tape and two layers of joint compound. Nailheads covered with two layers of joint compound.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527 (finish rating 24 min).

3P. Gypsum Board* — (As an alternate to Item 3, not shown) - Two layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by wood studs. Horizontal joints on the same side between face and base layers need not be staggered. Base layer gypsum panels fastened to studs with 1-1/4 in. long drywall nails spaced 8 in. OC. Face layer gypsum panels fastened to studs with 1-7/8 in. long drywall nails spaced 8 in. OC starting with a 4" stagger.
NATIONAL GYPSUM CO — Type FSW (finish rating 25 min)

3Q. Gypsum Board* — (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

4. Steel Corner Fasteners — (Optional) — For use at wall corners. Channel shaped, 2 in. long by 1 in. high on the back side with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galv steel. Fasteners applied only to the end or cut edge (not along tapered edges) of the gypsum board, no greater than 2 in. from corner of gypsum board, max spacing 16 in. OC. Nailed to adjacent stud through tab using one No. 6d cement coated nail per fastener. Corners of wall board shall be nailed to top and bottom plate using No. 6d cement coated nails.

5. Batts and Blankets* — (Optional - Required when Item 6A is used (RC-1)) Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities. When Item 6A is used, glass fiber or mineral wool insulation shall be friction-fitted to completely fill the stud cavities.

CERTAINTEED CORP

JOHNS MANVILLE INTERNATIONAL INC

KNAUF INSULATION LLC

MANSON INSULATION INC

OWENS CORNING HT INC, DIV OF OWENS CORNING — Corning Fiberglas Corp.

ROCK WOOL MANUFACTURING CO — Delta Board.

ROXUL INC — Acoustical Fire Batts

THERMAFIBER INC — Type SAFB.

5A. Fiber, Sprayed* — (Not shown - Not for use with Item 6) As an alternate to Batts and Blankets (Item 5) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft3, in accordance with the application instructions supplied with the product. When Item 6B is used, Fiber, Sprayed shall be INS735, INS745, INS765LD or INS770LD.

U S GREENFIBER L L C — INS735 & INS745 for use with wet or dry application. INS510LD, INS515LD, INS541LD, INS735, INS745, INS765LD, and INS770LD are to be used for dry application only.

5B. Fiber, Sprayed* — (Not shown - Not for use with Item 6) As an alternate to Batts and Blankets (Item 5) and Item 5A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC — Cellulose Insulation

5C. Batts and Blankets* — Required for use with resilient channels, Item 7, 3 in. thick mineral wool batts, friction-fitted to fill interior of wall.
THERMAFIBER INC — Type SAFB

5D. Glass Fiber Insulation — (As an alternate to Item 5C) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, friction-fitted to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

5E. Batts and Blankets* — (Required for use with Wall and Partition Facings and Accessories, Item 3D) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.

5F. Fiber, Sprayed* — (Optional, Not Shown - Not for use with Item 6, 6A or 6B). As an alternate to Batts and Blankets (Item 5) and Item 5A - Spray applied granulated mineral fiber material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCAZ).

TEXAS AMERROCK PARTNERS L P, DBA AMERROCK PRODUCTS — Rockwool

5G. Fiber, Sprayed* — (Optional, Not Shown - Not for use with Items6, 6A or 6B). As an alternate to Batts and Blankets (Item 5) and Item 5A - Brown Colored Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed stud cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft3.
INTERNATIONAL CELLULOSE CORP — Celbar-RL

6. Steel Framing Members (Optional, Not Shown)* — Furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3. b. Steel Framing Members* — Used to attach furring channels (Item 6a) to studs. Clips spaced 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.

b. Steel Framing Members* — Used to attach furring channels (Item 6a) to studs. Clips spaced 48 in. OC. RSIC-1 clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. RSIC-V clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

6A. Steel Framing Members (Optional, Not Shown)* — Furring channels and Steel Framing Members on one side of studs as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 3.

b. Steel Framing Members* — used to attach furring channels (Item 6Aa) to one side of studs only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.

KINETICS NOISE CONTROL INC — Type Isomax.

6B. Steel Framing Members — (Optional, Not Shown)* — Furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. Steel Framing Members* — Used to attach furring channels (Item 6Ba) to studs. Clips spaced 48 in. OC. Genie clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
PLITEQ INC — Type Genie Clip

6C. Steel Framing Members — (Optional, Not Shown)* — Furring channels and resilient sound isolation clip as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 3. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.

b. Steel Framing Members* — Resilient sound isolation clip used to attach furring channels (Item 6Ca) to studs. Clips spaced 16 in. OC., and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

7. Furring Channel — Optional - Not Shown - For use on one side of the wall - Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Items 5C or 5D is required.

8. Caulking and Sealants — (not shown, optional) A bead of acoustical sealant applied around the partition perimeter for sound control.

9. STC Rating — The STC Rating of the wall assembly is 56 when it is constructed as described by Items 1 through 6, except:

A. Item 2, above - Nailheads Shall be covered with joint compound.
B. Item 2, above - Joints As described, shall be covered with fiber tape and joint compound.
C. Item 5, above - Batts and Blankets* The cavities formed by the studs shall be friction fit with R-19 unfaced fiberglass insulation batts measuring 6-1/4 in. thick and 15-1/4 in. wide.
D. Item 6, above - Steel Framing Members* Type RSIC-1 clips shall be used to attach gypsum board to studs on either side of the wall assembly.
E. Item 8, above - Caulking and Sealants (not shown) A bead of acoustical sealant shall be applied around the partition perimeter for sound control.
F. Steel Corner Fasteners (Item 4), Fiber, Sprayed (Items 5A and 5B) and Steel Framing Members (Item 6A), not evaluated as alternatives for obtaining STC rating.
10. Wall and Partition Facings and Accessories* — (Optional, Not shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

11. Cementitious Backer Units* — (Optional Item Not Shown - For Use On Face Of 1 Hr Systems With All Standard Items Required) - 7/16 in., 1/2 in., 5/8 in., 3/4 in. or 1 in. thick, min. 32 in. wide.- Applied vertically or horizontally with vertical joints centered over studs. Fastened to studs and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. for steel framing members, and a minimum of 3/4 in. for wood framing members spaced a max of 8 in. OC. When 4 ft. wide boards are used, horizontal joints need not be backed by framing.
NATIONAL GYPSUM CO — Type DuraBacker, PermaBase, DuraBacker Plus, or PermaBase Plus

12. Non-Bearing Wall Partition Intersection — (Optional) —Two nominal 2 by 4 in. studs or nominal 2 by 6 in. studs nailed together with two 3 in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

13. Mesh Netting — (Not shown) - Any thin, woven or non-woven fibrous netting material attached with staples to the outer face of one row of studs to facilitate the installation of the sprayed fiber from the opposite row.

14. Mineral and Fiber Board* — (Optional, Not shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with 2 in. long Type W steel screws, spaced 12 in. OC. The required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

HOMASOTE CO — Homasote Type 440-32

14A. Mineral and Fiber Board* — (Optional, Not shown) — For use with Items 14B-14E) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with minimum 1-3/8 in. long ring shanked nails or 1-1/4 in. long Type W steel screws, spaced 12 in. OC along board edges and 24 in. OC in field of board along intermediate framing. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

14B. Glass Fiber Insulation — (For use with Item 14A) — 3-1/2 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) categories for names of Classified companies.

14C. Batts and Blankets* — (As an alternate to Item 14B, For use with Item 14A), 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 3-1/2 in. face of the studs with staples placed 24 in. OC.

THERMAFIBER INC — Type SAFB

14D. Adhesive — (For use with Item 14A) - Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 14A).

14E. Gypsum Board* — (For use with Item 14A) - 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 14A) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 14A). Secured to outermost studs and bearing plates with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. Finish Rating 30 Min.

AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IP-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C.

PANEL REY S A — Type PRC

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW COMMENTS
BY: ERIC M. RILEY, ARCHITECT

PERMIT: 09-02-2016

Designed by: SB
Drawn by: EH
Architect of Record: TD
Date Plotted: 09/02/16
Issue for Pricing / Bidding: 09/02/16
Issue for Permit Application: 09/02/16
Issue for Construction XX/XX/XX
Revisions:

#	DATE	COMMENTS

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

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SHEET CONTENTS:
U.L. RATED ASSEMBLIES

SHEET NO.
A1.06d

UL DESIGN # U-L546

Fire Resistance Ratings - ANSI/UL 263

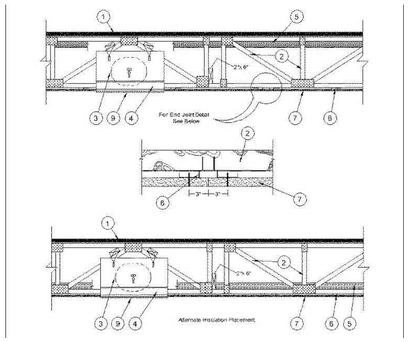
Design No. L546

November 02, 2015

Unrestrained Assembly Rating — 1 Hr

Finish Rating — 24 or 25 Min (See Item 5)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used.



1. Flooring System — The flooring system shall consist of one of the following:
System No. 1

Subflooring — Min 15/32 or 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered.

Floor Mat Materials* - (Optional) — Nom 1/4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. When floor mat material is used, min thickness of floor topping mixture is 1 in. Floor topping thickness a min 3/4 in. over Acousti-Mat I floor mat.

MAXXON CORP — Type Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP.

Alternate Floor Mat Materials* - (Optional) - Nom 0.8 in. thick floor mat material loose laid over the subfloor with Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

MAXXON CORP — Type Acousti-Mat 3, Acousti-Mat 3 HP, Crack Suppression Mat (CSM)

Metal Lath — (Alternate to Crack Suppression Mat (CSM)) - 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture. Alternate Floor Mat Materials* - (Optional) — Nom 0.4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be min 1 in.

MAXXON CORP — Type Enkasonic 9110, Enkasonic 9110 HP.

Metal Lath — (Optional) — For use with floor mat materials, 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd or Maxxon Corp. UL Classified Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1 in.

MAXXON CORP — Type Crack Suppression Mat (CSM)

Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture.

Alternate Floor Mat Materials* — (Optional) — Nom 0.2 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer may be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be as specified under Floor Topping Mixture.

MAXXON CORP — Type Acousti-Mat LP-R

Finish Flooring - Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for min 19/32 or min 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Mixture shall consist of 3 to 7 gal of water mixed with 80 lbs of floor topping mixture and 1.0 to 2.1 cu ft of sand.

MAXXON CORP — Types D-C, GC, GC 2000, L-R, T-F, CT

System No. 2

Subflooring — Min 1 by 6 in. T & G lumber fastened diagonally to joists, or min 15/32 in. thick plywood or min 7/16 in. thick oriented strand board (OSB) wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered.

Finish Floor - Mineral and Fiber Board* — Min 1/2 in. thick, supplied in sizes ranging from 3 ft by 4 ft to 8 ft by 12 ft. All joints to be staggered a min of 12 in. with adjacent sub-floor joints.

HOMASOTE CO — Type 440-32 Mineral and Fiber Board

System No. 3

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the trusses with joints staggered.

Vapor Barrier - (Optional) — Nom 0.030 in thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.4 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.

ELASTIZELL CORP OF AMERICA — Type FF

System No. 4

Subflooring Min 15/32 or 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing"." Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered.

Floor Mat Materials* - (Optional) — Nom 1/4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. When floor mat material is used, min thickness of floor topping mixture is 1 in. Floor topping thickness a min 3/4 in. over Acousti-Mat I floor mat.

MAXXON CORP — Type Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP.

Alternate Floor Mat Materials* - (Optional) - Nom 0.8 in. thick floor mat material loose laid over the subfloor with Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

MAXXON CORP — Type Acousti-Mat 3, Acousti-Mat 3 HP, Crack Suppression Mat (CSM)

Metal Lath — (Alternate to Crack Suppression Mat (CSM)) - 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

Alternate Floor Mat Materials* - (Optional) — Nom 0.4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be min 1 in. Floor topping thickness shall be min 3/4 in. when used with Crack Suppression Mat (CSM), Metal Lath, or Maxxon Reinforcement (MR).

MAXXON CORP — Type Enkasonic 9110, Enkasonic 9110 HP.

Alternate Floor Mat Materials* - (Optional) — Nom 0.2 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer may be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be as specified under Floor Topping Mixture.

MAXXON CORP — Type Acousti-Mat LP-R

Metal Lath (Optional) — For use with floor mat materials, 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd or Maxxon Corp. UL Classified Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1 in.

MAXXON CORP — Type Crack Suppression Mat (CSM)

Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture.

Alternate Floor Mat Materials* — (Optional) — Nom 0.2 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer may be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be as specified under Floor Topping Mixture.

MAXXON CORP — Type Acousti-Mat LP-R

Finish Flooring - Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for min 19/32 or min 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1200 psi. Mixture shall consist of 4 to 7 gal of water mixed with 80 lbs of floor topping mixture and 1.4 to 1.9 cu ft of sand.

RAPID FLOOR SYSTEMS — Types RF, RFP, RFU, RFR, Ortecrete

System No. 5

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered.

Floor Mat Materials* - (Optional) — Floor mat material nom 5/64 in. (2mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1 in. of floor-topping mixture.

ECORE INTERNATIONAL INC — Type QTscu 4002

HACKER INDUSTRIES INC — Type Hacker Sound-Mat.

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 1/4 in. (6mm) thick adhered to subfloor with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1-1/4 in. (32mm) of floor-topping mixture.

ECORE INTERNATIONAL INC — Type QTrbm 3006-3

HACKER INDUSTRIES INC — Type Hacker Sound-Mat II.

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 1/8 in. (3mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 3/4 in. (19mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 125

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 1/4 in. (6mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in. (25mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 250, Quiet Qurl 55/025

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 3/8 in. (10mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/4 in. (32mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 400, Quiet Qurl 60/040

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 3/4 in. (19mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/2 in. (38mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 750, Quiet Qurl 65/075

Metal Lath (Optional) — For use with 3/8 in. (10 mm) floor mat materials, 3/8 in. expanded steel diamond mesh, 3.4 lbs/sq yd placed over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.

HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 3310, Firm-Fill 4010, Firm-Fill High Strength, Gyp-Span Radiant

System No. 6

Subflooring Min 15/32 or 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

ALLIED CUSTOM GYPSUM — Accu-Crete, AccuRadiant, AccuLevel G40 and AccuLevel SD30.

Alternate Floor Mat Material* - (Optional) - Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in. or 1 in. thickness of floor topping for 19/32 or 15/32 in. thick wood structural panels respectively.

ALLIED CUSTOM GYPSUM — Type AccuQuiet P80, Type AccuQuiet C40, AccuQuiet D13, and Type AccuQuiet D-18.

System No. 7

Subflooring — 15/32 or 19/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints staggered.

Vapor Barrier — (Optional) — Commercial asphalt saturated felt 0.030 in. thick.

Finish Flooring — Floor Topping Mixture* — Compressive strength to be 2100 psi min. Thickness to be 3/4 in. min for 19/32 in thick wood structural panels or 1 in. min. for 15/32 in thick wood structural panels. Refer to manufacturer's instructions accompanying the material for specific mix design.

System No. 8

Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the trusses with joints staggered.

Vapor Barrier — (Optional) - Nom 0.010 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1800 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

UNITED STATES GYPSUM CO — Types LRK, HSLRK, CSD

Floor Mat Materials* — (Optional) - Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

UNITED STATES GYPSUM CO — Types SAM, LEVELROCK® Brand Sound Reduction Board, LEVELROCK® Brand Floor Underlayment SRM-25

Alternate Floor Mat Materials* — (Optional) - Nom 3/8 in. thick floor mat material loose laid over the subfloor.

GRASSWORX L L C — Type SC50

System No. 9

Subflooring — Min 23/32 in. thick T&G wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panels to be perpendicular to the trusses with end joints staggered 4 ft. Panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Gypsum Board* — One layer of nom 5/8 in. thick, 4 ft wide gypsum board, installed with long dimension perpendicular to joists. Gypsum board secured with 1 in. long No. 6 Type W bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. The joints of the gypsum board are to be staggered a minimum of 12 inches from the joints of the subfloor.

GEORGIA-PACIFIC GYPSUM L L C — Type DS

Floor Mat Materials* — (As an alternate to the single layer gypsum board) - Floor mat material loose laid over the subfloor.

MAXXON CORP — Type Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP, Acousti-Mat 3, Acousti-Mat 3 HP, Enkasonic 9110, Enkasonic 9110 HP, Acousti-Mat LP-R.

Gypsum Board* — (For use when floor mat is used) Two layers of nom 5/8 in. thick, 4 ft wide gypsum board, installed with long dimension perpendicular to joists on top of the floor mat material. Gypsum board secured to each other with 1 in. long No. 6 Type G bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. The joints of the gypsum board are to be staggered a minimum of 12 inches in between layers and from the joints of the subfloor.

GEORGIA-PACIFIC GYPSUM L L C — Type DS

System No. 10

Subflooring — Min 15/32 or 19/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

DEPENDABLE LLC — GSL M3.4, GSL K2.6 and GSL RH.

Floor Mat Materials* — (Optional) - Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. ¼ in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

2. Trusses — Parallel chord trusses spaced a max of 24 in. OC fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Min truss depth is 18 in. Min truss depth is 12 in. when used with Item 7C and Item 4, 4A and 4B are not employed. Truss members secured together with min 0.036 in. thick galv steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate.

Each tooth has a chisel point on its outside edge with these points being diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approximately 7/8 in. centers with four rows of teeth per inch of plate width.

3. Air Duct* (Optional) — Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer

4. Ceiling Damper* - (Optional. To be used with Air Duct Item 3.) — For use with min 18 in. deep trusses. Max nom area shall be 324 sq in. Max square size shall be 18 in. by 18 in. Rectangular sizes not to exceed 324 sq in. with a max width of 18 in. Max height of damper shall be 14 in. Aggregate damper openings shall not exceed 162 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. A steel grille (Item 9) shall be installed in accordance with installation instructions.
C&S AIR PRODUCTS — Model RD-521

POTTORFF — Model CFD-521

4A. Alternate Ceiling Damper* — Max nom area shall be 196 sq in. Max square size shall be 14 in. by 14 in. Rectangular sizes not to exceed 196 sq in. with a max width of 26 in. Max height of damper shall be 7 in. Aggregate damper openings shall not exceed 98 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. A steel grille (Item 9) not to exceed 144 in.2 shall be installed in accordance with installation instructions.

C&S AIR PRODUCTS — Model RD-521-BT

POTTORFF — Model CFD-521-BT.

4B. Alternate Ceiling Damper* - (Optional. To be used with Air Duct Item 3.) — For use with min 18 in. deep trusses. Max nom area shall be 256 sq in. with the length not to exceed 24 in. and the width not to exceed 20 in. Max height of damper shall be 17 in. Aggregate damper openings shall not exceed 128 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. A steel grille (Item 9) shall be installed in accordance with installation instructions.

POTTORFF — Models CFD-521-IP, CFD-521-NP

4C. Alternate Ceiling Damper* — For use with min. 18 in. deep trusses. Max. nom area shall be 349 sq in. Max. overall length and width shall not exceed 18-11/16 in. by 18-11/16 in. with max. 16 in. by 16 in. register opening. Aggregate damper openings shall not exceed 175 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. An aluminum or steel grille (Item 9) shall be installed in accordance with installation instructions.

MIAMI TECH INC — Model Series RxCRD, RxCRDS or RxCRPD

4D. Alternate Ceiling Damper* — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 75 sq in. with the length not to exceed 8-9/16 in. and the width not to exceed 8-3/4 in. Max height of damper shall be 9-7/8 in. Aggregate damper openings shall not exceed 38 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturers installation instructions provided with the damper. A plastic grille (Item 9) shall be installed in accordance with installation instructions.

DELTA ELECTRONICS INC — Models CRD2

4E. Alternate Ceiling Damper* — For use with min 18 in. deep trusses. Max nom area shall be 324 sq in. Max square size shall be 18 in. by 18 in. Rectangular sizes not to exceed 324 sq in. with a max length of 20 in. and a max width of 22 in. Max height of damper shall be 14 in. Aggregate damper openings shall not exceed 154 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturer's installation instructions provided with the damper. An aluminum or steel grille (Item 9) shall be installed in accordance with installation instructions.

UNITED ENERTECH CORP — Type C-S/R-WT or C-S/R-WTP (Max nom area 324 sq. in.) or C-S/R-WTS or C-S/R-WTPS (Max nom area 162 sq. in.)

4F. Alternate Ceiling Damper* — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 75 sq in. with the length not to exceed 9-1/4 in. and the width not to exceed 9-3/4 in. Max height of damper shall be 9-7/8 in. Aggregate damper openings shall not exceed 45 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille (Item 9) shall be installed in accordance with installation instructions.

DELTA ELECTRONICS INC — Model SIG-CRD

4G. Alternate Ceiling Damper* — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 103 sq in. with the length not to exceed 10-1/8 in. and the width not to exceed 10-1/8 in. Aggregate damper openings shall not exceed 52 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille (Item 9) shall be installed in accordance with installation instructions.

PANASONIC CORPORATION, PANASONIC CORPORATION OF NORTH AMERICA — Model PC-RD05C5

5. Batts and Blankets* - (Optional With Items 7 and 7B; Required With Item 7A) — Glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. When the resilient channels (Item 6) or furring channels (Item 6A) are spaced 16 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with staples at 12 in. OC or held suspended in the concealed space with 0.090 in. diam galv steel wires attached to the wood trusses at 12 in. OC. When the resilient channels (Item 6) or furring channels (Item 6A) are spaced a max of 12 in. OC or when the Steel Framing Members (Item 6B) are used, there is no limit in the overall thickness of insulation, and the insulation can be secured against the subflooring, held suspended in the concealed space or draped over the resilient or furring channels (or Steel Framing Members) and gypsum panel membrane. When Steel Framing Members (Item 6C) are used, max 3-1/2 in. thick insulation shall be draped over the furring channels (Item 6Ca) and gypsum board ceiling membrane, and friction-fitted between trusses and Steel Framing Members (Item 6Cd). The finished rating has only been determined when the insulation is secured to the subflooring.

5A. Fiber, Sprayed* — (Dry Dense Packed 100% Borate Formulation) — As an alternate to Item 5 — When used, the resilient channel and gypsum board attachment is modified as specified in Items 6 and 7 and wire mesh (Item 10) shall be attached to the furring channels to facilitate installation of the material. The finished rating when Fiber, Sprayed is used has not been determined. The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft3, in accordance with the application instructions supplied with the product. When Item 5A (Fiber, Sprayed) is used, two layers of gypsum board required as described in Item 7. Not evaluated for use with Item 6B, 6C or 6D.

U S GREENFIBER L L C — INS735, INS745, INS765LD & INS770LD to be used with dry application only.

5B. Fiber, Sprayed* — (Loose Fill 100% Borate Formulation) — As an alternate to Items 5 and 5A — The finished rating when Fiber, Sprayed is used has not been determined. The fiber is applied without water or adhesive at a minimum dry density of 0.5 lb/ft3 and at a max thickness of 3-1/2 in., in accordance with the application instructions supplied with the product. Wire mesh (Item 10) shall be attached to the furring channels to facilitate installation of the material. When Item 5B (Fiber, Sprayed) is used, two layers of gypsum board required as described in Item 7. Not evaluated for use with Item 6B, 6C or 6D.

U S GREENFIBER L L C — INS735, INS745, INS765LD & INS770LD to be used with dry application only.

6. Furring Channels — Resilient channels, formed of 25 MSG thick galv steel, spaced 16 in. OC perpendicular to trusses. When insulation (Items 5, 5A, 5B) is draped over the resilient channel/gypsum board ceiling membrane, the spacing shall be reduced to 12 in. OC. Channels secured to each truss with 1-1/4 in. long Type S bugle head steel screws. Channels overlapped 4 in. at splices. Two channels, spaced 6 in OC, oriented opposite each gypsum board end joint as shown in the above illustration. Additional channels shall extend 6 in beyond each side edge of board.

6A. Steel Framing Members* - (Not Shown) — As an alternate to Item 6, furring channels and Steel Framing Members* as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to trusses. When batt insulation (Items 5) is draped over the resilient channel/gypsum board ceiling membrane, the resilient channel spacing shall be reduced to 12 in. OC. Channels secured to trusses as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. Steel Framing Members* — Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to alternating trusses with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to alternating trusses with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels. Adjoining channels are overlapped as described in Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 7.

PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

6B. Alternate Steel Framing Members — (Not Shown) - As an alternate to Items 6 and 6A, main runners, cross tees, cross channels and wall angle as listed below.
a. Main Runners — Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft. OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 48 in. OC. Hanger wires to be located adjacent to main runner/cross tee intersections. Hanger wires wrapped and twist-tied on 16d nails driven in to side of trusses at least 5 in. above the bottom face.

b. Cross Tees or Channels — Nom 4 ft long cross tees, with 15/16 in. or 1-1/2 in. wide face, or nom 4 ft long cross channels, with 1-1/2 in. wide face, either spaced 16 in. OC, installed perpendicular to the main runners. Additional cross tees or channels used 8 in. from each side of butted gypsum board end joints. The cross tees or channels may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.

c. Wall Angle or Channel — Painted or galv steel angle with 1 in. legs or channel with 1 in. legs, 1-9/16 in. deep attached to walls at perimeter of ceiling with fasteners 16 in. OC. To support steel framing member ends and for screw-attachment of the gypsum panel.
CGC INC — Type DGL or RX.

USG INTERIORS LLC — Type DGL or RX.

6C. Steel Framing Members* — (Not Shown) - As an alternate to Items 6, 6A and 6B.
a. Furring Channels — Hat-shaped furring channels, 7/8 in. deep by 2-5/8 in. wide at the base and 1-1/4 in. wide at the face, formed from No. 25 ga. galv steel, spaced max. 16 in. OC perpendicular to trusses and Cold Rolled Channels (Item 6Cb). Furring channels secured to Cold Rolled Channels at every intersection with a 1/2 in. pan head self-drilling screw through each furring channel leg. Ends of adjoining channels overlapped 4 in. and tied together with two double strand No. 18 SWG galv steel wire ties, one at each end of overlap. Supplemental furring channels at base layer and outer layer gypsum board butt joints are not required. Batts and Blankets draped over furring channels as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 7.

b. Cold Rolled Channels — 1-1/2 in. by 1/2 in., formed from No. 16 ga. galv steel, positioned vertically and parallel to trusses, friction-fitted into the channel caddy on the Steel Framing Members (Item 6Cd). Adjoining lengths of cold rolled channels lapped min. 6 in. and wire-tied together with two double strand 18 SWG galv steel wire ties, one at each end of overlap.

c. Blocking — Where truss design does not permit direct, full contact of the hanger bracket, a piece of nominal 2 by 4 in. lumber (blocking), min. 6 in. long to permit full contact of the hanger bracket, to be secured vertically to the side of the truss (Item 2) at the top and bottom of the blocking at each Steel Framing Member (Item 6Cd) location.

d. Steel Framing Members* — Hangers spaced 48 in. OC. max along truss, and secured to the Blocking (Item 6Cc) on alternating trusses with a single 5/16 in. by 2 in. hex head lag bolt or four #6 1-1/4 in. drywall screws through mounting hole(s) on the hanger bracket. The two 1/4 in. long steel teeth on the hanger are embedded in the side of the blocking. Hanger positioned on blocking and leveling bolt height adjusted such that furring channels are flush with bottom of trusses before gypsum board installation. Spring gauge of hanger chosen per manufacturer\'s instructions.

KINETICS NOISE CONTROL INC — Type ICW.

6D. Steel Framing Members* — (Not Shown) - As an alternate to Items 6, 6A, 6B and 6C.
a. Furring Channels — Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep, spaced 16 in. OC perpendicular to wood structural members. When insulation, Items 5 or 5A is applied over the furring channel/gypsum panel ceiling membrane, the furring channel spacing shall be reduced to 12 in. OC. Channels secured to trusses as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galv steel wire near each end of overlap.

b. Steel Framing Members* — Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced 48 in. OC, and secured to the bottom chord of alternating trusses with two No. 8 x 2-1/2 in. course drywall screws, one through the hole at each end of the clip. When insulation, Items 5 or 5A is applied over the furring channel/gypsum panel ceiling membrane, the clip spacing shall be reduced to 24 in. OC and secured to consecutive trusses. Furring channels are friction fitted into clips. Adjoining channels are overlapped as described in Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 7. Two layers of gypsum board required as described in Item 7. Not evaluated for use with Item 5B.

KINETICS NOISE CONTROL INC — Type Isomax.

6E. Steel Framing Members* — (Optional, Not Shown) - Used as an alternate method to attach min. 1/2 in. deep resilient channels (Item 6) to wood trusses (Item 2). Resilient channels are friction fitted into clips, and then clips are secured to the bottom chord of each wood truss with a min. 1-3/4 in. long Type S bugle head steel screw through the center hole of the clip and the resilient channel flange. Adjoining resilient channels are overlapped 4 in. under trusses. The clip flange is opened slightly to accommodate the two overlapped channels. Additional clips required to hold resilient channel that supports the gypsum board butt joints, as described in Item 7.

KEENE BUILDING PRODUCTS CO INC — Type RC Assurance.

6F. Steel Framing Members — (Not Shown) — As an al
Steel Framing Members* as described below:

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW COMMENTS
BY: ERIC M. RILEY, ARCHITECT

PERMIT: 09-02-2016

Designed by: SB
Drawn by: EH
Architect of Record: TD
Date Plotted: 09/02/16
Issue for Pricing / Bidding: 09/02/16
Issue for Permit Application: 09/02/16
Issue for Construction XX/XX/XX
Revisions:

#	DATE	COMMENTS

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the building depicted in sealed construction
drawings is expressly conditioned on the full
timely payment of all fees otherwise due
Humphreys & Partners Architects, L.P. and, i
absence of any written agreement to the con
is limited to a one-time use on the site indica
on these plans.

THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

HUMPHREYS & PARTNERS
ARCHITECTS / LOUISIANA, LLC
603 JULIA STREET NEW ORLEANS - LA 70130
504.717.4700 - F: 504.588.7762
DALLAS · CHICAGO · NEW ORLEANS · NEW YORK · NEWPORT BEACH · ORLANDO
SAN RAMON · SCOTTSDALE · EDMONTON · TORONTO · MONTEVIDEO

SHEET CONTENTS:
U.L. RATED ASSEMBLIES

SHEET NO.
A1.06e

15557

UL DESIGN # U-L546 (CONT.)

a. Furring Channels — Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to trusses. When batt insulation (Items 5) is draped over the resilient channel/gypsum board ceiling membrane, the resilient channel spacing shall be reduced to 12 in. OC. Channels secured to trusses as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. Steel Framing Members* — Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced 48 in. OC. GenieClips secured to alternating joists with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. When insulation, Items 5 is applied over the furring channel/gypsum panel ceiling membrane, the clip spacing shall be reduced to 24 in. OC and secured to consecutive trusses. Furring channels are friction fitted into clips. Adjoining channels are overlapped as described in Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 7. Not evaluated for use with Item 5A or 5B.

PLITEQ INC — Type GENIECLIP

6G. Alternate Steel Framing Members — (Not Shown)* - As an alternate to items 6-6F, furring channels and Steel Framing Members as described below.

a. Furring Channels — Formed of No. 25 MSG galv steel, 2-5/8 in. wide by 7/8 in deep, spaced 24 in OC, perpendicular to trusses. When batt insulation (Items 5) is draped over the resilient channel/gypsum board ceiling membrane, the resilient channel spacing shall be reduced to 12 in. OC.. Channels secured to trusses as described in Item b.

b. Steel Framing Members* — Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced at 24" OC and secured to the bottom of the joists with one No. 10 x 2-1/2 Coarse Drywall Screw through the center hole. Furring channels are then friction fitted into clips. Ends of channels are overlapped 6" and screwed with four #8 x 1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Additional clips are required to hold the Gypsum Butt joints and side joints as described in item 7.

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

7. Gypsum Board* — Nom 5/8 in. thick, 48 in. wide gypsum board. When resilient channels (Item 6) are used, gypsum board installed with long dimension perpendicular to resilient channels. Gypsum board secured with 1 in. long Type S bugle head screws spaced 12 in. OC and located a min of 1/2 in. from side joints and 3 in. from end joints. End joints secured to both resilient channels as shown in end joint detail. When batt insulation (Item 5) is draped over the resilient channel/gypsum board ceiling membrane, screws spacing shall be 8 in. OC. When Steel Framing Members* (Item 6A, 6F) are used, gypsum board installed with long dimension perpendicular to furring channels and side joints of sheet located beneath joists. Gypsum board secured to furring channels with 1 in. long Type S bugle head screws spaced 12 in. OC in the field. Butted end joints shall be staggered min 2 ft within the assembly, and occur between the continuous furring channels. At butted end joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 6 in. on each end. The two furring channels shall be spaced approximately 3-1/2 in. OC and be attached to underside of the joist with one clip at each end of the channel. Screw spacing along the end joint shall be 8 in. OC.

AMERICAN GYPSUM CO — Type AG-C

CGC INC — Types C, IP-X2, IPC-AR

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

7A. Gypsum Board* — Nom 5/8 in. thick, 48 in. wide gypsum board, installed with long dimension perpendicular to resilient channels. Gypsum board secured with 1-1/8 in. long Type S bugle head screws spaced 8 in. OC and located a min of 1/2 in. from side joints and 3 in. from the end joints. End joints secured to both resilient channels as shown in end joint detail. When Item 7A is used, the insulation must be used and must be draped over the resilient channel/gypsum board.

NATIONAL GYPSUM CO — Types eXP-C, FSW-G, FSW-C, FSK-G, FSK-C

7B. Gypsum Board* — Nom 5/8 in. thick, 48 in. wide gypsum board, installed with long dimension perpendicular to resilient channels. Gypsum board secured with 1-1/8 in. long Type S bugle head screws spaced 12 in. OC and located a min of 5/8 in. from side joints and 3 in. from the end joints. End joints secured to both resilient channels as shown in end joint detail. When Item 5 is used, the insulation must be secured to the plywood subfloor.

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

7C. Gypsum Board* — Nom 5/8 in. thick, 48 in. wide gypsum panels. When resilient channels (Item 6) are used, gypsum panels installed with long dimension perpendicular to resilient channels. Gypsum panels secured with 1 in. long Type S bugle head steel screws spaced 12 in. OC and located a min of 1/2 in. from side joints and 3 in. from the end joints. When insulation (Items 5 or 5A) is applied over the resilient channel/gypsum panel ceiling membrane screw spacing shall be reduced to 8 in. OC. End joints secured to both resilient channels as shown in end joint detail. When Steel Framing Members (Item 6A) are used, gypsum panels installed with long dimensions perpendicular to furring channels. Panels attached to the furring channels using 1 in. long Type S bugle-head steel screws spaced 8 in. OC along butted end joints and in the field of the panel. Butted end joints shall be staggered min. 2 ft within the assembly, and occur midway between the continuous furring channels. Each end of each gypsum panel shall be supported by a single length of furring channel equal to the width of the gypsum panel plus 6 in. on each end. The two support furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to underside of the truss with one clip at each end of the channel. When Steel Framing Members* (Item 6B) are used, gypsum panels installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Panels fastened to cross tees with 1 in. long . Type S bugle-head screws spaced in the field and 8 in. OC along end joints. Panels fastened to main runners with 1 in. long . Type S bugle-head screws spaced midway between cross tees. Screws along sides and ends of panels spaced 3/8 to 1/2 in. from panel edge. End joints of panels shall be staggered with spacing between joints on adjacent panels not less than 4 2 ft OC. When Fiber, Sprayed (Items 5A or 5B) is used, two layers of nom 5/8 in. thick, 4 ft wide gypsum board are installed with long dimensions perpendicular to furring channels. Base layer gypsum board secured with 1 in. long Type S bugle head steel screws spaced 12 in. OC and located a min of 1/2 in. from side joints and 3 in. from the end joints. End joints secured to both resilient channels as shown in end joint detail. Outer layer gypsum board secured with 1-5/8 in. long Type S bugle head steel screws spaced 12 in. OC and located a min of 1/2 in. from side joints and 3 in. from the end joints. Outer layer shall be finished as described in Item 8. When both Steel Framing Members (Item 6A) and Fiber, Sprayed (Items 5A or 5B) are used, furring channels spaced 12 in. OC and two layers of nom 5/8 in. thick, 4 ft wide gypsum board are installed with long dimension perpendicular to furring channels. Base layer secured to furring channels with nom 1 in. long Type S bugle head screws spaced 8 in. OC along butted end joints and in the field of the board. Butted end joints shall be staggered min. 2 ft within the assembly, and occur midway between the continuous furring channels. Each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 6 in. on each end. The two support furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to the underside of the truss with one clip at each end of the channel. Outer layer secured to furring channels using 1-5/8 in. long Type S screws spaced 8 in. OC and 1-1/2 in. from the end joint. Butted end joints to be offset a min. of 8 in. from base layer end joints. Butted side joints of outer layer to be offset min. 18 in. from butted side joints of base layer. When Steel Framing Members (Item 6C) are used, two layers of nom 5/8 in. thick, 4 ft wide gypsum board are installed with long dimensions perpendicular to furring channels (Item 6Ca). Base layer attached to the furring channels using 1 in. long Type S bugle head steel screws spaced 8 in. OC along butted end joints and 12 in. OC in the field of the board. Butted end joints centered on the continuous furring channels. Butted base layer end joints to be offset a min of 16 in. in adjacent courses. Outer layer attached to the furring channels using 1-5/8 in. long Type S bugle head steel screws spaced 8 in. OC at butted end joints and 12 in. OC in the field. Butted end joints centered on the continuous furring channels and offset a min of 16 in. from butted end joints of base layer. Butted side joints of outer layer to be offset min 16 in. from butted side joints of base layer. When Steel Framing Members (Item 6D) are used, two layers of nom 5/8 in. thick, 4 ft wide gypsum board are installed with long dimensions perpendicular to furring channels. Base layer attached to the furring channels using 1 in. long Type S bugle-head steel screws spaced 12 in. OC in the field of the board. Butted end joints shall be staggered min 2 ft. within the assembly, and occur midway between the continuous furring channels. Each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 6 in. on each end. The two furring channels shall be spaced approximately 4 in. OC, and be attached to underside of the truss with one Isomax clip at each end of the channel. Screw spacing along the gypsum board butt joint shall be 8 in. OC. Outer layer attached to the furring channels using 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC in the field.

The end of the outer layer boards at the butt joint shall be attached to the base layer boards with 1-5/8 in. long Type G screws spaced 8 in. OC and 1-1/2 in. from the end joint. Butted end joints to be offset a min of 8 in. from base layer end joints. Butted side joints of outer layer to be offset min 18 in. from butted side joints of base layer. Outer layer shall be finished as described in Item 8. When Steel Framing Members (Item 6F) are used, two layers of nom 5/8 in. thick, 4 ft wide are installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels using 1 in. long No. 6 Type S bugle-head steel screws spaced 12 in. OC in the field of the board. Butted end joints shall be staggered minimum 2 ft. within the assembly. Additional furring channels constructed as per Item 6F shall be used to support each end of each gypsum board. These additional furring channels shall be attached to underside of the truss with Genie clips as described in Item 6F. Screw spacing along the gypsum board butt joint shall be 8 in. OC. Outer layer attached to the furring channels using 1-5/8 in. long No. 6 Type S bugle-head steel screws spaced 12 in. OC in the field. The outer layer boards at the butt joint shall be attached to the base layer boards with No. 10, 1-1/2 in. long drywall screws spaced 8 in. OC and 1-1/2 in. from the end joint. Butted end joints to be offset a min of 24 in. from base layer end joints. Butted side joints of outer layer to be offset min 16 in. from butted side joints of base layer. When Steel Framing Members (Item 6G) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long Type S bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 72 in. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 3 in. on each end, spaced approximately 2 in. in from joint. Screw spacing along the gypsum board butt joint shall be 8 in. OC. Butt joint furring channels shall be attached with a RESILMOUNT Sound Isolation Clip secured to underside of every joist that is located over the butt joint. Over all Gypsum Board side joints, approximately 20 in. lengths of furring channel shall be installed parallel to trusses (Item 2) between main furring channels. Side joint furring channels shall be attached to underside of the truss with RESILMOUNT Sound Isolation Clips - located approximately 2 in. from each end of the approximate 20 in. length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.

CGC INC — Types C, IP-X2, IPC-AR

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

8. Finishing System - (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board.

9. Grille — Steel grille, installed in accordance with the installation instructions provided with the ceiling grid.

10. Wire Mesh — (Not shown) — For use with Item 5A and 5B — 1 in. 20 gauge galvanized poultry netting installed between the furring channels and gypsum board. The poultry netting is attached with washers and 1/2 in. wafer head screws, spaced 24 in. OC., to the furring channels. The Fiber, Sprayed (Item 5A or 5B) is installed through cut-openings in the poultry netting, in-between trusses. The cut-openings in the poultry netting shall be staggered at a maximum of 6 ft.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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UL DESIGN # U-L556

Fire Resistance Ratings - ANSI/UL 263

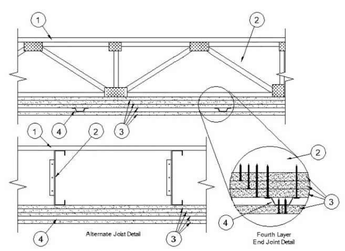
Design No. L556

October 09, 2015

Unrestrained Assembly Rating - 2 Hr

Finish Rating - 2 Hr

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used .



1. Flooring System — The flooring system shall consist of one of the following:
System No. 1

Subflooring — Min 23/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered. Plywood or panels secured to wood trusses (Item 2A) with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Construction adhesive conforming to APA specification AFG-01 applied in 1/4 in. diam beads on top of trusses and to grooved edges of plywood or panel. Plywood or panels secured to steel joists (Item 2B) with 1-5/8 in. long No. 10 steel screws spaced 12 in. OC along each joist.

Subflooring (Alternate) - Structural Cement-Fiber Units* — Min 3/4 in. thick, with long edges tongue and grooved. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels secured to steel joists (item 2B) with 1-5/16 in. long No. 8 self-drilling, self-countersinking steel screws or to wood trusses (item 2A) with min 1-1/2 in. long No. 8 coarse thread steel screws, spaced 12 in. OC in both the field and perimeter and located 1 in. from the side edges of the board. "Enerbond" 45 spray foam adhesive applied to butt joints and to tongue and grooved edges of flooring during installation. When panels thicker than 3/4 in. are used, the min fastener length for installation into steel joists shall be the thickness of the panel plus 9/16 in. For installation into wood trusses, the min fastener length shall be twice the thickness of the panel.

TRI-BUILT MATERIALS GROUP L L C

Subflooring (Alternate) — Structural Cement-Fiber Units* — Nominal 19 mm (3/4 in.) thick tongue and groove structural cement-fiber units. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels fastened to the joist with #10 self-drilling, self-tapping cement board screws 1-3/4 in. long. Screws shall be spaced 6 in. OC along the perimeter of each sheet and 12 in. OC in the field of each sheet. Screws shall be spaced 1/2 in. from end joints and 1 in. from side joints.

ECTEK INTERNATIONAL INC — Armoroc Panel

Floor Mat Materials* — (Optional) — Nom 1/4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. When floor mat material is used, min thickness of floor topping mixture is 1 in. Floor topping thickness a min 3/4 in. over Acousti-Mat I floor mat.

MAXXON CORP — Type Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP.

Alternate Floor Mat Materials* — (Optional) — Nom 0.8 in. thick floor mat material loose laid over the subfloor with Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

MAXXON CORP — Type Acousti-Mat 3, Acousti-Mat 3 HP, Crack Suppression Mat (CSM)

Metal Lath — (Alternate to Crack Suppression Mat (CSM)) - 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture

Alternate Floor Mat Materials* — (Optional) — Nom 0.4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be min 1 in. Floor topping thickness shall be min 3/4 in. when used with Crack Suppression Mat (CSM), Metal Lath, or Maxxon Reinforcement (MR).

MAXXON CORP — Type Enkasonic 9110, Enkasonic 9110 HP.

Alternate Floor Mat Materials* — (Optional) — Nom 0.2 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer may be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be as specified under Floor Topping Mixture.

MAXXON CORP — Type Acousti-Mat LP-R

Metal Lath — (Optional) — For use with floor mat materials, 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd or Maxxon Corp. UL Classified Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1 in.

MAXXON CORP — Type Crack Suppression Mat (CSM)

Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1000 psi. Mixture shall consist of 3 to 7 gal of water to 80 lbs of floor topping mixture to 1.0 to 2.1 cu ft of sand.

MAXXON CORP — Type D-C, GC, GC2000, L-R, T-F, CT

System No. 3

Subflooring — Min 23/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered. Plywood or panels secured to wood trusses (Item 2A) with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Construction adhesive conforming to APA specification AFG-01 applied in 1/4 in. diam beads on top of trusses and to grooved edges of plywood or panel. Plywood or panels secured to steel joists (Item 2B) with 1-5/8 in. long No. 10 steel screws spaced 12 in. OC along each joist.

Subflooring (Alternate) — Structural Cement-Fiber Units* — Min 3/4 in. thick, with long edges tongue and grooved. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels secured to steel joists (item 2B) with 1-5/16 in. long No. 8 self-drilling, self-countersinking steel screws or to wood trusses (item 2A) with min 1-1/2 in. long No. 8 coarse thread steel screws, spaced 12 in. OC in both the field and perimeter and located 1 in. from the side edges of the board. "Enerbond" 45 spray foam adhesive applied to butt joints and to tongue and grooved edges of flooring during installation. When panels thicker than 3/4 in. are used, the min fastener length for installation into steel joists shall be the thickness of the panel plus 9/16 in. For installation into wood trusses, the min fastener length shall be twice the thickness of the panel.

TRI-BUILT MATERIALS GROUP L L C

Subflooring (Alternate) — Structural Cement-Fiber Units* — Nominal 19 mm (3/4 in.) thick tongue and groove structural cement-fiber units. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels fastened to the joist with #10 self-drilling, self-tapping cement board screws 1-3/4 in. long. Screws shall be spaced 6 in. OC along the perimeter of each sheet and 12 in. OC in the field of each sheet. Screws shall be spaced 1/2 in. from end joints and 1 in. from side joints.

ECTEK INTERNATIONAL INC — Armoroc Panel

Floor Mat Materials* — (Optional) — Nom 1/4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. When floor mat material is used, min thickness of floor topping mixture is 1 in. Floor topping thickness a min 3/4 in. over Acousti-Mat I floor mat.

MAXXON CORP — Type Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP.

Alternate Floor Mat Materials* — (Optional) — Nom 0.8 in. thick floor mat material loose laid over the subfloor with Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

MAXXON CORP — Type Acousti-Mat 3, Acousti-Mat 3 HP, Crack Suppression Mat (CSM)

Metal Lath — (Alternate to Crack Suppression Mat (CSM)) - 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture

Alternate Floor Mat Materials* — (Optional) — Nom 0.4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be min 1 in. Floor topping thickness shall be min 3/4 in. when used with Crack Suppression Mat (CSM), Metal Lath, or Maxxon Reinforcement (MR).

MAXXON CORP — Type Enkasonic 9110, Enkasonic 9110 HP.

Alternate Floor Mat Materials* — (Optional) — Nom 0.2 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer may be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be as specified under Floor Topping Mixture.

MAXXON CORP — Type Acousti-Mat LP-R

Metal Lath — (Optional) — For use with floor mat materials, 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd or Maxxon Corp. UL Classified Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1 in.

MAXXON CORP — Type Crack Suppression Mat (CSM)

ELASTIZELL CORP OF AMERICA — Type FF

System No. 5

Subflooring — Min 23/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered. Plywood or panels secured to wood trusses (Item 2A) with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Construction adhesive conforming to APA specification AFG-01 applied in 1/4 in. diam beads on top of trusses and to grooved edges of plywood or panel. Plywood or panels secured to steel joists (Item 2B) with 1-5/8 in. long No. 10 steel screws spaced 12 in. OC along each joist.

Subflooring (Alternate) — Structural Cement-Fiber Units* — Min 3/4 in. thick, with long edges tongue and grooved. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels secured to steel joists (item 2B) with 1-5/16 in. long No. 8 self-drilling, self-countersinking steel screws or to wood trusses (item 2A) with min 1-1/2 in. long No. 8 coarse thread steel screws, spaced 12 in. OC in both the field and perimeter and located 1 in. from the side edges of the board. "Enerbond" 45 spray foam adhesive applied to butt joints and to tongue and grooved edges of flooring during installation. When panels thicker than 3/4 in. are used, the min fastener length for installation into steel joists shall be the thickness of the panel plus 9/16 in. For installation into wood trusses, the min fastener length shall be twice the thickness of the panel.

TRI-BUILT MATERIALS GROUP L L C

Subflooring (Alternate) — Structural Cement-Fiber Units* — Nominal 19 mm (3/4 in.) thick tongue and groove structural cement-fiber units. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels fastened to the joist with #10 self-drilling, self-tapping cement board screws 1-3/4 in. long. Screws shall be spaced 6 in. OC along the perimeter of each sheet and 12 in. OC in the field of each sheet. Screws shall be spaced 1/2 in. from end joints and 1 in. from side joints.

ECTEK INTERNATIONAL INC — Armoroc Panel

Floor Mat Materials* — (Optional) — Nom 1/4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. When floor mat material is used, min thickness of floor topping mixture is 1 in. Floor topping thickness a min 3/4 in. over Acousti-Mat I floor mat.

MAXXON CORP — Type Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP.

Alternate Floor Mat Materials* — (Optional) — Nom 0.8 in. thick floor mat material loose laid over the subfloor with Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

MAXXON CORP — Type Acousti-Mat 3, Acousti-Mat 3 HP, Crack Suppression Mat (CSM)

Metal Lath — (Alternate to Crack Suppression Mat (CSM)) - 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.

Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture

Alternate Floor Mat Materials* — (Optional) — Nom 0.4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be min 1 in. Floor topping thickness shall be min 3/4 in. when used with Crack Suppression Mat (CSM), Metal Lath, or Maxxon Reinforcement (MR).

MAXXON CORP — Type Enkasonic 9110, Enkasonic 9110 HP.

Alternate Floor Mat Materials* — (Optional) — Nom 0.2 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer may be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be as specified under Floor Topping Mixture.

MAXXON CORP — Type Acousti-Mat LP-R

Metal Lath — (Optional) — For use with floor mat materials, 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd or Maxxon Corp. UL Classified Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1 in.

MAXXON CORP — Type Crack Suppression Mat (CSM)

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW COMMENTS
BY: ERIC M. RILEY, ARCHITECT

PERMIT: 09-02-2016

Designed by: SB
Drawn by: EH
Architect of Record: TD
Date Plotted: 09/02/16
Issue for Pricing / Bidding: 09/02/16
Issue for Permit Application: 09/02/16
Issue for Construction XX/XX/XX
Revisions:

#	DATE	COMMENTS

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

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SAN RAMON · SCOTTSDALE · EDMONTON · TORONTO · MONTEVIDEO

SHEET CONTENTS:
U.L. RATED ASSEMBLIES

SHEET NO.
A1.06f

15557

UL DESIGN # U-L556 (CONT.)

Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1200 psi. Mixture shall consist of 4 to 7 gal of water mixed with 80 lbs of floor topping mixture and 1.4 to 1.9 cu ft of sand.

RAPID FLOOR SYSTEMS — Type RF, RFP, RFU, RFR, Ortecrete

System No. 7

Subflooring — Min 23/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered. Plywood or panels secured to wood trusses (Item 2A) with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Construction adhesive conforming to APA specification AFG-01 applied in 1/4 in. diam beads on top of trusses and to grooved edges of plywood or panel. Plywood or panels secured to steel joists (Item 2B) with 1-5/8 in. long No. 10 steel screws spaced 12 in. OC along each joist.

Subflooring (Alternate) - Structural Cement-Fiber Units* — Min 3/4 in. thick, with long edges tongue and grooved. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels secured to steel joists (item 2B) with 1-5/16 in. long No. 8 self-drilling, self-countersinking steel screws or to wood trusses (item 2A) with min 1-1/2 in. long No. 8 coarse thread steel screws, spaced 12 in. OC in both the field and perimeter and located 1 in. from the side edges of the board. "Enerbond" 45 spray foam adhesive applied to butt joints and to tongue and grooved edges of flooring during installation. When panels thicker than 3/4 in. are used, the min fastener length for installation into steel joists shall be the thickness of the panel plus 9/16 in. For installation into wood trusses, the min fastener length shall be twice the thickness of the panel.

TRI-BUILT MATERIALS GROUP L L C

Subflooring (Alternate) — Structural Cement-Fiber Units* — Nominal 19 mm (3/4 in.) thick tongue and groove structural cement-fiber units. Long dimension of panels to be perpendicular to joists with end joints staggered. Panels fastened to the joist with #10 self-drilling, self-tapping cement board screws 1-3/4 in. long. Screws shall be spaced 6 in. OC along the perimeter of each sheet and 12 in. OC in the field of each sheet. Screws shall be spaced 1/2 in. from end joints and 1 in. from side joints.

ECTEK INTERNATIONAL INC — Armoroc Panel

Finish Floor — Mineral and Fiber Board* — Min 1/2 in. thick, supplied in sizes ranging from 3 ft by 4 ft to 8 ft by 12 ft. All joints to be staggered a min of 12 in. with adjacent sub-floor joints.

HOMASOTE CO — Type 440-32 Mineral and Fiber Board

2. Structural Wood Members — Min 9-1/4 in. deep "I" - shaped wood joists spaced a max 24 in. OC. Min joist bearing on bearing plates 2 in. Joists secured to bearing plates with two 8d steel nails at each end. Circular holes may be cut in the web of the joists in accordance with the manufacturer's published design specifications.

2A. Structural Wood Members — As an alternate to item 2, Nominal 2 by 8 or nominal 2 by 10 in. wood joists spaced 24 in. OC, firestopped or min. 18 in. deep parallel chord trusses spaced a max 24 in. OC fabricated from nom 2 by 4 in. lumber with lumber oriented either vertically (2A) or horizontally (2B). Truss members secured together with No. 20 MSG galv steel truss plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split-tooth-type plate. Each tooth has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approx 7/8 in. centers with four rows of teeth per in. of plate width.

2B. Steel Channel Joists — As an alternate to Item 2, steel channel-shaped joists, min 8 in. deep with min 1-1/2 in. flanges and 1/4 in. stiffening flanges. The joists are fabricated from min 18 MSG galv steel. Min yield strength is 33 ksi. Joists spaced max 24 in. OC. Steel channel joists, perimeter supports, web stiffeners, bridging straps, blocking and blocking clips designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members, published by the American Iron and Steel Institute.

3. Gypsum Board* — Any 1/2 in. thick UL Classified Gypsum Board that is eligible for use in Design No. X515. Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501 or G512. Four layers of nom 5/8 in. thick, 4 ft wide gypsum board. First three layers installed with long dimension perpendicular to bottom chord of structural members. Adjacent butt joints staggered approximately 4 ft OC. Overlapping layers installed so that edges and butt joints offset min 10 in. from previous layer. Base layer fastened to bottom chord of structural members with 1-1/4 in. long Type W or S-12 steel screws spaced 12 in. OC. Second layer secured to bottom chord of structural members with 2 in. long Type S or S-12 steel screws spaced 12 in. OC. Third layer secured to bottom chord of structural members with 2-1/2 in Type S or S-12 steel screws spaced 12 in. OC. Fourth layer secured to resilient channels with 1-1/8 in. long Type S steel screws spaced 12 in. OC. Screws to be spaced 1/2 in. from butted end joints and 1 in. from side joints.

ACADIA DRYWALL SUPPLIES LTD (View Classification) — CKNX.R25370

AMERICAN GYPSUM CO (View Classification) — CKNX.R14196

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) — CKNX.R19374

CERTAINTEED GYPSUM INC (View Classification) — CKNX.R3660

CGC INC (View Classification) — CKNX.R19751

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C (View Classification) — CKNX.R18482

GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R2717

LOADMASTER SYSTEMS INC (View Classification) — CKNX.R11809

NATIONAL GYPSUM CO (View Classification) — CKNX.R3501

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) — CKNX.R7094

PANEL REY S A (View Classification) — CKNX.R21796

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) — CKNX.R19262

THAI GYPSUM PRODUCTS PCL (View Classification) — CKNX.R27517

UNITED STATES GYPSUM CO (View Classification) — CKNX.R1319

USG MEXICO S A DE C V (View Classification) — CKNX.R16089

4. Resilient Channels — Hat shaped channels formed from No. 25 MSG galv steel spaced 24 in. OC perpendicular to structural wood members. Channels secured to bottom chord of structural member through third layer of gypsum board with 2-1/2 in. Type S or S-12 steel screws spaced 12 in. OC.

5. Finishing System — (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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UL DESIGN # U-P522

Fire Resistance Ratings - ANSI/UL 263

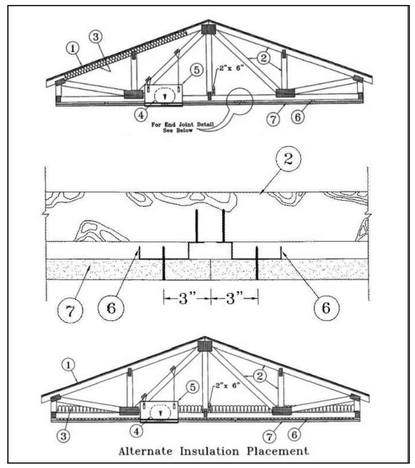
Design No. P522

November 02, 2015

Unrestrained Assembly Rating — 1 Hr

Finish Rating — 25 Min (See Items 3 or 3A)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used.



Alternate Insulation Placement

1. Roofing System* — Any UL Class A, B or C Roofing System (TGFU) or Prepared Roof Covering (TFWZ) acceptable for use over nom 15/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing". Nom 15/32 in. thick wood structural panels secured to trusses with No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Construction adhesive may be used with either the nails or staples.

2. Trusses — Pitched or parallel chord wood trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Truss members secured together with min. 0.0356 in. thick galv steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tooth has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approximately 7/8 in. centers with four rows of teeth per inch of plate width. Where the truss intersects with the interior face of the exterior walls, the min truss depth shall be 5-1/4 in. with a min roof slope of 3/12 and a min. area in the plane of the truss of 21 sq/ft. Where the truss intersects with the interior face of the exterior walls, the min truss depth may be reduced to 3 in. if the batts and blankets (Item 3) are used as shown in the above illustration (Alternate Insulation Placement) and are firmly packed against the intersection of the bottom chords and the plywood sheathing.

3. Batts and Blankets* — (Optional) - Required when Item 6B is used — Glass fiber insulation, secured to the wood structural panels with staples spaced 12 in. OC or to the trusses with 0.090 in. diam galv steel wires spaced 12 in. OC. Any glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance, having a min density of 0.5 pcf. As an option, the insulation may be fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. When Steel Framing Members (Item 6B) are used, max 3-1/2 in. thick insulation shall be draped over the furring channels (Item 6Ba) and gypsum board ceiling membrane, and friction-fitted between trusses and Steel Framing Members (Item 6Bd). The finished rating has only been determined when the insulation is secured to the decking.

3A. Fiber, Sprayed* — As an alternate to Item 3 (not evaluated for use with Item 6B) — Any thickness of spray-applied cellulose insulation material, having a min density of 0.5 lb/ft3, applied with water, over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. Fiber, Sprayed is applied with moisture in accordance with the application instructions supplied with the product. The finish rating when Fiber Sprayed is used has not been determined. Alternate application method: The fiber is applied without water or adhesive in accordance with the application instructions supplied with a minimum density of 0.5 lb/ft3 over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. Alternate application method: The fiber is applied without water or adhesive to a nominal density of 3.5 lb/ft3 behind netting (Item 9) stapled to the rafters. The netting is stapled at both lower edges of the rafters creating a cavity to accept the cellulose fiber.

U S GREENFIBER L L C — INS735 & INS745 for use with wet or dry application. INS510LD, INS515LD, INS541LD, INS735, INS745, INS765LD, and INS770LD are to be used for dry application only.

4. Air Duct* — Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.

5. Ceiling Damper* — Max nom area, 324 sq in. Max square size, 18 in. by 18 in. rectangular sizes not to exceed 324 sq in. with a max width of 18 in. Max damper height is 14 in. Installed in accordance with manufacturers installation instructions provided with the damper. Max damper openings not to exceed 162 sq in. per 100 sq ft of ceiling area.

C&S AIR PRODUCTS — Model RD-521

POTTORFF — Model CFD-521

5A. Alternate Ceiling Damper* — Max nom area, 196 sq in. Max square size, 14 in. by 14 in. Rectangular sizes not to exceed 196 sq in. with a max width of 26 in. Max overall damper height is 7 in. Installed in accordance with the manufacturers installation instructions provided with the damper. Max damper openings not to exceed 98 sq in. per 100 sq ft of ceiling area.
C&S AIR PRODUCTS — Model RD-521-BT

POTTORFF — Model CFD-521-BT.

5B. Alternate Ceiling Damper* — Max nom area shall be 256 sq in. with the length not to exceed 24 in. and the width not to exceed 20 in. Max height of damper shall be 17 in. Aggregate damper openings shall not exceed 128 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. A steel grille shall be installed in accordance with installation instructions.

POTTORFF — Models CFD-521-IP, CFD-521-NP

5C. Alternate Ceiling Damper* — Ceiling damper & fan assembly. Max nom area shall be 75 sq in. with the length not to exceed 8-9/16 in. and the width not to exceed 8-3/4 in. Max height of damper shall be 9-7/8 in. Aggregate damper openings shall not exceed 38 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturers installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

DELTA ELECTRONICS INC — Model CRD2

5D. Alternate Ceiling Damper* — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 75 sq in. with the length not to exceed 9-1/4 in. and the width not to exceed 9-3/4 in. Max height of damper shall be 9-7/8 in. Aggregate damper openings shall not exceed 45 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

DELTA ELECTRONICS INC — Model SIG-CRD

5E. Alternate Ceiling Damper* — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 103 sq in. with the length not to exceed 10-1/8 in. and the width not to exceed 10-1/8 in. Aggregate damper openings shall not exceed 52 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

PANASONIC CORPORATION, PANASONIC CORPORATION OF NORTH AMERICA — Model PC-RD05C5

6. Furring Channels — Resilient channels formed of 25 MSG thick galv steel. Installed perpendicular to the trusses (Item 2), spaced a max of 16 in. OC when no insulation (Item 3 or 3A) is fitted in the concealed space, or a max of 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane. Two courses of resilient channel positioned 6 in. OC at wallboard butt-joints (3 in. from each end of wallboard). Channels oriented opposite at wallboard butt-joints. Channel splices overlapped 4 in. beneath wood trusses. Channels secured to each truss with 1-1/4 in. long Type S screws.

6A. Steel Framing Members — (Not Shown)* — As an alternate to Item 6, furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to trusses when no insulation (Items 3 or 3A) is fitted in the concealed space or 12 in. OC when insulation (Items 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane or 24 in. OC when insulation (Items 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane and a second layer of gypsum board is attached as described in Item 7 for steel framing members. Channels secured to trusses as described in Item 6Ab. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. Steel Framing Members — Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to alternating trusses with No. 8 by 2-1/2 in. coarse drywall screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to alternating trusses with No. 8 by 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-3/32 in. wide furring channels. Adjoining channels are overlapped as described in Item 6Aa. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 7.

PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

6B. Steel Framing Members* — (Not Shown) - As an alternate to Items 6 and 6A.

a. Furring Channels — Hat-shaped furring channels, 7/8 in. deep by 2-5/8 in. wide at the base and 1-1/4 in. wide at the face, formed from No. 25 ga. galv steel, spaced max 16 in. OC perpendicular to trusses and Cold Rolled Channels (Item 6Bb). Furring channels secured to Cold Rolled Channels at every intersection with a 1/2 in. pan head self-drilling screw through each furring channel leg. Ends of adjoining channels overlapped 4 in. and tied together with two double strand No. 18 SWG galv steel wire ties, one at each end of overlap. Supplemental furring channels at base layer and outer layer gypsum board butt joints are not required. Batts and Blankets draped over furring channels as described in Item 3. Two layers of gypsum board attached to furring channels as described in Item 7.

b. Cold Rolled Channels — 1-1/2 in. by 1/2 in., formed from No. 16 ga. galv steel, positioned vertically and parallel to trusses, friction-fitted into the channel caddy on the Steel Framing Members (Item 6Bd). Adjoining lengths of cold rolled channels lapped min. 6 in. and wire-tied together with two double strand 18 SWG galv steel wire ties, one at each end of overlap.

c. Blocking — Where truss design does not permit direct, full contact of the hanger bracket, a piece of nominal 2 by 4 in. lumber (blocking), min. 6 in. long to permit full contact of the hanger bracket, to be secured vertically to the side of the truss (Item 2) at the top and bottom of the blocking at each Steel Framing Member (Item 6Bd) location.

d. Steel Framing Members* — Hangers spaced 48 in. OC. max along truss, and secured to the Blocking (Item 6Bc) on alternating trusses with a single 5/16 in. by 2 in. hex head lag bolt or four #6 1-1/4 in. drywall screws through mounting hole(s) on the hanger bracket. The two 1/4 in. long steel teeth on the hanger are embedded in the side of the blocking. Hanger positioned on blocking and leveling bolt height adjusted such that furring channels are flush with bottom of trusses before gypsum board installation. Spring gauge of hanger chosen per manufacturer's instructions.

KINETICS NOISE CONTROL INC — Type ICW.

6C. Steel Framing Members* — (Not Shown) - As an alternate to Items 6, 6A and 6B.

a. Furring Channels — Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep installed perpendicular to wood structural members. Channels spaced a max of 24 in. OC when no insulation (Item 3 or 3A) is fitted in the concealed space. Channels secured to trusses as described in Item 6Cb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire near each end of overlap.

b. Steel Framing Members* — Used to attach furring channels (Item 6Ca) to trusses (Item 2). Clips secured to the bottom chord of each truss (24 in. OC) with one No. 8 by 2-1/2 in. long coarse drywall screw through center grommet. Furring channels are friction fitted into clips. Adjoining channels are overlapped as described in Item 6Ca. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 7.
PLITEQ INC — Type Genie Clip

6D. Steel Framing Members* — (Not Shown) - As an alternate to Items 6, 6A, 6B and 6C.
a. Main runners — Installed perpendicular to trusses — Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners hung a min of 2 in. from bottom chord of trusses with 12 SWG galv steel wire. Wires located a max of 48 in. OC.
b. Cross tees or channels — Nom 4 ft long, 15/16 in. or 1-1/2 in. wide face or cross channels, nom 4 ft long, 1-1/2 wide face, installed perpendicular to the main runners, spaced 16 in. OC. Additional cross tees or channels used at 8 in. from each side of butted gypsum board end joints. The cross tees or channels may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.
c. Wall angles or channels — Used to support steel framing member ends and for screw-attachment of the gypsum wallboard — Min 0.016 in. thick painted or galvanized steel angle with 1 in. legs or min. 0.016 in. thick painted or galvanized steel channel with a 1 by 1-1/2 by 1 in. profile, attached to walls at perimeter of ceiling with fasteners 16 in. OC.
CGC INC — Type DGL or RX.

USG INTERIORS LLC — Type DGL or RX.

6E. Alternate Steel Framing Members — (Not Shown)* - As an alternate to items 6, 6A, 6B, and 6C, furring channels and Steel Framing Members as described below.
a. Furring Channels — Formed of No. 25 MSG galv steel, 2-5/8 in. wide by 7/8 in deep, spaced 24 in OC, perpendicular to trusses. When insulation, Items 3 or 3A is used, the furring channel spacing shall be reduced to 12 in. OC. Channels secured to joists as described in Item b.
b. Steel Framing Members* — Used to attach furring channels (Item a) to the wood trusses (Item 2). Clips spaced at 24" OC and secured to the bottom of the trusses with one No. 10 x 2-1/2 Coarse Drywall Screw through the center hole. Furring channels are then friction fitted into clips. Ends of channels are overlapped 6" and screwed with four No. 8 x 1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Additional clips are required to hold the Gypsum Butt joints and side joints as described in Item 7.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

6F. Steel Framing Members* — (Not Shown) - As an alternate to Items 6 through 6E- Not for use with Items 3 or 3A. Main runners nom 12 ft long, spaced 72 in. OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 48 in. OC. Cross tees, nom 6 ft long, installed perpendicular to main runners and spaced 24 in. OC. Additional 6 ft long cross tees required at each gypsum board end joint with butted gypsum board end joints centered between cross tees spaced 8 in. OC. The main runners and cross tees may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.
USG INTERIORS LLC — Type DGL or RX

7. Gypsum Board* — One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Attached to the resilient channels using 1 in. long Type S bugle-head screws. Screws spaced a max of 12 in. OC along butted end-joints and in the field when no insulation (Item 3 or 3A) is fitted in the concealed spaced, or a max of 8 in. OC along butted end-joints and in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane.
When Steel Framing Members* (Item 6A or 6C) are used, sheets installed with long dimension perpendicular to furring channels and side joints of sheet located beneath trusses. Gypsum board screws are driven through channel spaced 12 in. OC in the field when no insulation (Item 3 or 3A) is fitted in the concealed space, or 8 in. OC in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane. Gypsum board butt joints shall be staggered min. 2 ft within the assembly, and occur between the main furring channels. At the gypsum board butt joints, each end of the gypsum board shall be supported by a single length of furring channel equal to the width of the wallboard plus 6 in. on each end. The furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to the trusses with one clip at each end of the channel. Screw spacing along the butt joint to attach the gypsum board to the furring channels shall be 8 in. OC. Second (outer) layer of gypsum board required when furring channels (Item 6A, a) are spaced 24 in. OC and insulation is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane. Outer layer of gypsum board attached to the furring channels using 1-5/8 in. long Type S bugle-head screws spaced 8 in. OC at butted joints and 12 in. OC in the field. Butted end joints of outer layer to be offset a minimum of 8 in. from base layer end joints. Butted side joints of outer layer to be offset minimum 18 in. from butted side joints of base layer.

When Steel Framing Members (Item 6B) are used, two layers of nom 5/8 in. thick, 4 ft wide gypsum board are installed with long dimensions perpendicular to furring channels (Item 6Ba). Base layer attached to the furring channels using 1 in. long Type S bugle head steel screws spaced 8 in. OC along butted end joints and 12 in. OC in the field of the board. Butted end joints centered on the continuous furring channels. Butted base layer end joints to be offset a min of 16 in. in adjacent courses. Outer layer attached to the furring channels using 1-5/8 in. long Type S bugle head steel screws spaced 8 in. OC at butted end joints and 12 in. OC in the field. Butted end joints centered on the continuous furring channels and offset a min of 16 in. from butted end joints of base layer. Butted side joints of outer layer to be offset min 16 in. from butted side joints of base layer.

When Steel Framing Members (Item 6C) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long Type S bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 72 in. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 3 in. on each end, spaced approximately 2 in. in from joint. Screw spacing along the gypsum board butt joint shall be 8 in. OC. Butt joint furring channels shall be attached with a RESILMOUNT Sound Isolation Clip secured to underside of every truss that is located over the butt joint. Over all Gypsum Board side joints, approximately 20 in. lengths of furring channel shall be installed parallel to trusses (Item 2) between main furring channels. Side joint furring channels shall be attached to underside of the joist with RESILMOUNT Sound Isolation Clips - located approximately 2 in. from each end of the approximate 20 in. length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.

When alternate Steel Framing Members* (Item 6F) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board sheets installed with long dimension (side joints) perpendicular to the 6 ft long cross tees with the end joints staggered min 4 ft and centered between cross tees which are spaced 8 in. OC. Gypsum board side joints may occur beneath or between main runners. Prior to installation of the gypsum board sheets, backer strips consisting of nom 7-3/4 in. wide pieces of gypsum board are to be laid atop the cross tee flanges and centered over each butted end joint location. The backer strips are to be secured to the flanges of the cross tees at opposite corners of the backer strip with hold down clips to prevent the backer strips from being uplifted during screw-attachment of the gypsum board sheets. Gypsum board fastened to cross tees with 1 in. drywall screws spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board. The butted end joints are to be secured to the backer strip with No. 10 by 1-1/2 in. long Type G laminating screws located 1 in. from each side of the butted end joint and spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board.

CGC INC — Types C, IP-X2, IPC-AR.

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR.

7A. Gypsum Board* — For use with Steel Framing Members (Item 6D) when Batts and Blankets* (Item 3) are not used - One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to the main runners. Gypsum board fastened to each cross tee or channel with five wallboard screws, with one screw located at the midspan of the cross tee or channel, one screw located 12 in. from and on each side of the cross tee or channel mid span and one screw located 1-1/2 in. from each gypsum board side joint. Except at wallboard end joints, wallboard screws shall be located on alternating sides of cross tee flange. At gypsum board end joints, gypsum board screws shall be located 1/2 in. from the joint. Gypsum board fastened to main runners with wallboard screws 1/2 in. from side joints, midway between intersections with cross tees or channels (16 in. OC). End joints of adjacent gypsum board sheets shall be staggered not less than 32 in. Gypsum board sheets screw attached to leg of wall angle with wallboard screws spaced 12 in. OC. Joints treated as described in Item 7. For use with Steel Framing Members* (Item 6D) when Batts and Blankets* (Item 3) are used - Ratings limited to 1 Hour - 5/8 in. thick, 4 ft wide; installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Fastened to cross tees with 1 in. long steel gypsum board screws spaced 8 in. OC in the field and 8 in. OC along end joints. Fastened to main runners with 1 in. long gypsum board screws spaced midway between cross tees. Screws along sides and ends of boards spaced 3/8 to 1/2 in. from board edge. End joints of the sheets shall be staggered with spacing between joints on adjacent boards not less than 4 ft OC.
CGC INC — Type C or IP-X2.

UNITED STATES GYPSUM CO — Type C or IP-X2.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Type C or IP-X2.

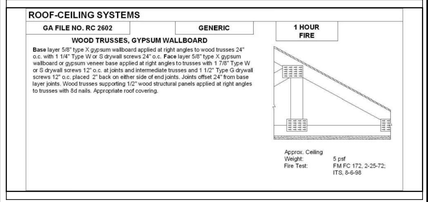
8. Finishing System — (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board. Alternate Ceiling Membrane — Not Shown.

9. Netting — Fibrous, woven netting material fastened to underside of each joist with staples, with side joints overlapped.

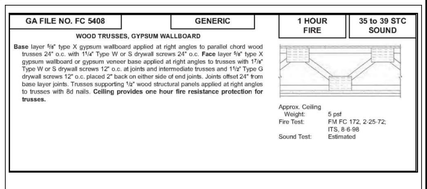
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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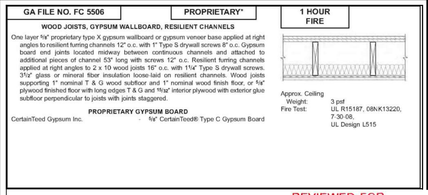
GA FILE NO. RC 2602



GA FILE NO. FC 5408



GA FILE NO. FC 5506



REVIEWED FOR STATE FIRE MARSHAL AS PER REVIEW COMMENTS BY: ERIC M. RILEY, ARCHITECT

PERMIT: 09-02-2016

Designed by: SB
Drawn by: EH
Architect of Record: TD
Date Plotted: 09/02/16
Issue for Pricing / Bidding: 09/02/16
Issue for Permit Application: 09/02/16
Issue for Construction: XX/XX/XX
Revisions:

#	DATE	COMMENTS

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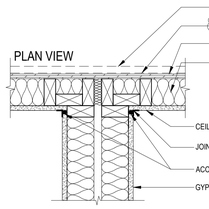
THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

HUMPHREYS & PARTNERS ARCHITECTS / LOUISIANA, LLC
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SHEET CONTENTS:
U.L. RATED ASSEMBLIES

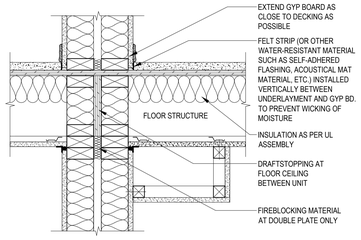
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A1.06g

15557



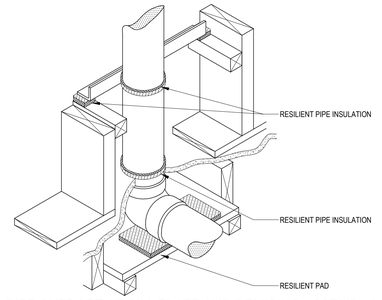
THE EXTERIOR WALL FINISH AND THE SHEATHING ARE THE ONLY SOLID WALL OR FLOOR ELEMENTS THAT BRIDGE THE SEPARATION BETWEEN DWELLING UNITS.

16 INTERSECTION WITH EXTERIOR WALL AT PARTY WALL
SCALE = 1-1/2"=1'-0"



REFER TO DETAIL 14 FOR OTHER SIMILAR NOTES

11 FURRDOWN AT DEMISING FLOOR/CEILING ASSEMBLY
SCALE = 1-1/2"=1'-0" OPTIONAL INSTALLATION



6 PIPE SUPPORT AT SILL PLATE AND DEMISING ASSEMBLY
SCALE = N.T.S.

SOUND CONTROL NOTES FOR MULTI-FAMILY HOUSING

THESE NOTES AND DETAILS DESCRIBE THE ACOUSTICAL ELEMENTS OF ASSEMBLIES THAT MUST COMPLY WITH THE STC/ICC REQUIREMENTS OF THE BUILDING CODE. THEY MAY NOT BE REQUIRED AT EVERY ASSEMBLY IN THE PROJECT. NON-RATED ASSEMBLIES AND ASSEMBLIES THAT DO NOT SEPARATE OCCUPANCIES, DWELLING UNITS, AND/OR COMMON AREAS FROM EACH OTHER WOULD BE EXEMPT, UNLESS OTHERWISE NOTED. THESE REQUIREMENTS SHALL BE FOLLOWED IN CONJUNCTION WITH THE RATED ASSEMBLY SHEETS, ALL DETAILS, AND SPECIFICATIONS TO MAINTAIN BOTH SOUND CONTROL AND REQUIRED FIRE RATINGS. ADVISE THE ARCHITECT IMMEDIATELY, IN WRITING, IF ANY INCONSISTENCIES OR DISCREPANCIES EXIST PRIOR TO THE START OF CONSTRUCTION.

DEFINITIONS:

SOUND TRANSMISSION CLASS (STC): A SINGLE NUMBER RATING FOR EVALUATING EFFICIENCY OF CONSTRUCTIONS IN ISOLATING AIRBORNE SOUND TRANSMISSION. THE HIGHER THE STC RATING THE MORE EFFICIENT THE CONSTRUCTION. STC MEASURES THE ABILITY OF A WALL OR FLOOR ASSEMBLY TO ISOLATE AIRBORNE SOUND AND PREVENT IT FROM PASSING FROM ONE SIDE TO THE OTHER. THE MINIMUM INTERNATIONAL BUILDING CODE REQUIREMENT IS 50 STC, PER ASTM E90.

IMPACT INSULATION CLASS (IIC): A SINGLE NUMBER RATING DEVELOPED BY THE FEDERAL HOUSING ADMINISTRATION TO ESTIMATE THE IMPACT SOUND ISOLATION PERFORMANCE OF FLOOR/CEILING SYSTEMS. IIC MEASURES THE ABILITY OF A FLOOR/CEILING ASSEMBLY TO ISOLATE SOUND TRANSMITTED FROM FOOTFALL AND OTHER IMPACT SOURCES THROUGH THE BUILDING STRUCTURE. THE MINIMUM INTERNATIONAL BUILDING CODE REQUIREMENT IS 50 IIC, PER ASTM E492.

AIRBORNE SOUND: SOUND, PRODUCED BY VIBRATING SOURCES THAT RADIATE SOUND DIRECTLY INTO THE AIR, WHICH IS TRANSMITTED THROUGH AIR AS A MEDIUM RATHER THAN THROUGH SOLIDS OR THE STRUCTURE OF THE BUILDING.

FLANKING PATHS: A WALL OR FLOOR/CEILING CONSTRUCTION THAT PERMITS SOUND TO BE TRANSMITTED ALONG ITS SURFACE; OR ANY OPENING WHICH PERMITS DIRECT TRANSMISSION OF SOUND THROUGH THE AIR. THIS TYPICALLY OCCURS AT SMALL GAPS AND OPENINGS AROUND DOORS, TOP AND BOTTOM PLATES, ELECTRICAL BOXES, AND CONDUIT AND HVAC DUCTING WHICH ALLOW SOUND TO PASS THROUGH IF ACOUSTICAL SEALANT IS NOT USED. ALSO REFERRED TO AS "LEAKING PATHS".

A. MECHANICAL, ELECTRICAL, PLUMBING
1. METAL VENTILATING AND CONDITIONING AIR DUCTS LOCATED IN DEMISING ASSEMBLIES ARE TO BE LINED.
2. WIRE EACH APARTMENT AS A UNIT; AVOID PENETRATION OF WALLS OR FLOORS BETWEEN APARTMENTS.
3. CAULK HOLES (MADE BY WIRING) THAT PENETRATE DEMISING ASSEMBLIES; USE ELASTIC, NON-HARDENING CAULK OR DRY PACKING.
4. CONNECT VIBRATING EQUIPMENT WITH FLEXIBLE WIRING THAT SITS ON OR IS CONNECTED TO DEMISING ASSEMBLIES.
5. CUT HOLES IN DEMISING ASSEMBLIES NEATLY TO REDUCE LEAKS.
6. MAKE SURE ELECTRICAL OUTLETS ARE AIRTIGHT BY USING ELASTIC NON-HARDENING SEALANT IN DEMISING ASSEMBLIES.
7. ELECTRICAL OUTLET BOXES IN OPPOSITE FACES OF DEMISING WALLS SHALL BE SEPARATED HORIZONTALLY BY 24" MINIMUM. BACK AND SIDES OF BOXES SHALL BE SEALED WITH 1/8" RESILIENT SEALANT. IF IT IS IMPOSSIBLE TO OFFSET ELECTRICAL OUTLETS, THEN INCREASE THE MASS OF THE BOX BY USING A PUTTY PACK. TV, TELEPHONE, AND INTERCOM OUTLETS MUST BE INSTALLED ACCORDINGLY. INSTALL PHONES, DOORBELLS, INTERCOMS, AND OTHER NOISE MAKING EQUIPMENT ON INSULATED INTERIOR WALLS ONLY - NEVER ON DEMISING WALLS.
8. FIT INSULATION BEHIND THE ELECTRICAL BOXES LOCATED IN DEMISING ASSEMBLIES.
9. ENSURE THAT OPENINGS AROUND BOXES LOCATED IN DEMISING ASSEMBLIES ARE SEALED AIR TIGHT.
10. INSTALL RECESSED LIGHT FIXTURES IN FURR DOWN LOCATIONS ONLY.
11. ISOLATE PIPING FROM STRUCTURES WITH RESILIENT PADS AND SLEEVES, THEN SEAL FOR AIR TIGHTNESS.
12. IF WATER HAMMER IS EVIDENT AT OR BEFORE THE TIME OF SUBSTANTIAL COMPLETION, PROVIDE AIR CHAMBERS TO ELIMINATE WATER HAMMER DUE TO ABRUPT STOPPING OF FLOWING WATER.
13. CAULK ALL OPENINGS MADE IN DEMISING WALLS, FLOORS AND FRAMING FOR SUPPLY AND DRAIN LINES.
14. WATER CLOSETS TO BE RESILIENTLY MOUNTED WHEN SERVED BY DRAINS OR VENTS WHICH ARE INSTALLED WITHIN DEMISING ASSEMBLIES.
15. ALL RIGID CONDUIT, DUCTS, PLUMBING PIPES AND APPLIANCE VENTS LOCATED IN DEMISING ASSEMBLIES SHALL BE ISOLATED FROM THE BUILDING CONSTRUCTION AT POINTS OF CONTACT BY MEANS OF RESILIENT SLEEVES, MOUNTS OR MINIMUM 1/4" THICK APPROVED RESILIENT MATERIAL.

B. MEDICINE CABINETS
1. SEPARATE OR SURFACE MOUNT MEDICINE CABINETS MOUNTED ON DEMISING ASSEMBLIES OR INSTALL MEDICINE CABINETS ON INTERIOR PARTITIONS.
2. INSULATE BEHIND MEDICINE CABINETS WHEN INSTALLED ON DEMISING ASSEMBLIES.

C. PERIMETER SEALING
1. AT GROUND FLOOR LOCATIONS ON CONCRETE SLABS, INSTALL PLATES OF DEMISING ASSEMBLIES ON SILL SEALERS; RUN WALL FINISH TO FLOOR WHERE POSSIBLE AND CAULK AIRTIGHT ON BOTH SIDES.
2. AT ELEVATED FLOOR LOCATIONS ON PLYWOOD DECKING, INSTALL SOUND BREAK MATERIAL BETWEEN SILL PLATES AND GYPSUM UNDERLAYMENT AND CAULK AIRTIGHT ON BOTH SIDES UNLESS INSTALLED PER DETAIL 14.
3. USE A NON-HARDENING, PERMANENTLY RESILIENT ACOUSTIC SEALANT SUCH AS A BUTYL RUBBER-BASED COMPOUND ON BOTH SIDES OF THE DEMISING ASSEMBLY.
4. USE JOINT TAPE AT JOINT LOCATIONS.
5. FULLY SEAL THE LATCH SET ON ALL UNIT ENTRY DOORS.
6. THE FOLLOWING LOCATIONS REQUIRE ACOUSTIC SEALING ALSO:
   A. TOP AND BOTTOM PLATE PENETRATIONS BY PLUMBING AND ELECTRICAL
   B. TUB/SHOWER ON OUTSIDE OR ATTIC WALL
   C. TUB/SHOWER DRAIN LINE
   D. WINDOW AND DOOR ROUGH OPENINGS
   E. GAPS BETWEEN EXTERIOR WALL FRAMING MEMBERS GREATER THAN 1/4"
   F. BAND JOIST EXPOSED TO EXTERIOR - EXTERIOR SHEATHING WITH WRB MEETS THIS REQUIRMENT, PROVIDED ALL PENETRATIONS THROUGH THE BARRIER ARE SEALED PROPERLY.
   G. BAND AREA EXPOSED TO UNCONDITIONED SPACE - EXTERIOR SHEATHING WITH WRB MEETS THIS REQUIRMENT, PROVIDED ALL PENETRATIONS THROUGH THE AIR BARRIER ARE SEALED PROPERLY.
   H. BAND AREA BETWEEN FLOORS, CONDITIONED SPACE AND ATTIC - EXTERIOR SHEATHING WITH WRB MEETS THIS REQUIRMENT, PROVIDED ALL PENETRATIONS THROUGH THE AIR BARRIER ARE SEALED PROPERLY.
   I. SEAM BETWEEN RIGID EXTERIOR SHEATHING - WRB MEETS THIS REQUIRMENT, PROVIDED ALL PENETRATIONS THROUGH THE AIR BARRIER ARE SEALED PROPERLY.
   J. EXTERIOR WALL PENENTRATIONS FOR REFRIGERATION LINES, CONDENSATE LINES, ETC.
   K. ATTIC SCUTTLE HOLES
   L. MECHANICAL EQUIPMENT AND DUCTWORK CHASES IN ATTICS, CRAWLSPACES
   M. CEILING MOUNTED RECESSSED LIGHTS, FANS, SPEAKERS, ETC. SEALED TO DRYWALL
   N. CEILING/CRAWLSPACE HVAC BOOTS SEALED TO DRYWALL

D. FURR DOWNS
1. INSTALL GYPSUM BOARD CONTINUOUSLY BEHIND FURR DOWNS.
2. ATTACH FURR DOWN FRAMING TO RESILIENT CHANNELS WITHOUT CONTACTING THE WOOD FRAMING BENEATH.
3. PROVIDE FIREBLOCKING IN 1" AIRSPACE EXTENDING FROM THE BOTTOM WALL PLATE OF THE HIGHER FLOOR ASSEMBLY TO THE TOP PLATE OF THE LOWER FLOOR ASSEMBLY.
4. GYPSUM BOARD MUST BE INSTALLED CONTINUOUSLY BEHIND THE FURR DOWN TO MAINTAIN THE FIRE SEPARATION AND TO PROVIDE REQUIRED FIREBLOCKING OF THE FURR DOWN.
5. SERVICES ARE TO BE HUNG FROM RESILIENT MOUNTS ATTACHED TO THE WALL FRAME. ALL ELECTRICAL PENETRATIONS ARE TO BE TIGHTLY FITTED OR SEALED.

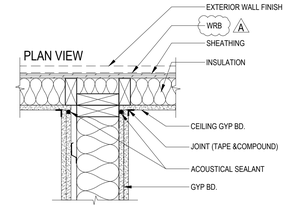
E. STAIRS
1. STAIR STRINGERS MUST BE SUPPORTED INDEPENDENTLY AND NOT ATTACHED TO DEMISING WALLS. REF. STRUCTURAL DRAWINGS.

F. INSTALLATION INFORMATION
1. BOTTOM PLATE: APPLY A CONTINUOUS 3/8" ROUND BEAD OF SEALANT AT EACH SIDE OF THE BOTTOM PLATE BEFORE SETTING GYPSUM BOARD UNLESS INSTALLED PER DETAIL 14. GYPSUM BOARD SHALL BE SET INTO SEALANT TO FORM COMPLETE CONTACT WITH ADJACENT MATERIALS. DO NOT ALLOW THE GYPSUM BOARD TO SET DIRECTLY ON THE FLOOR.
2. TOP PLATE: APPLY SEALANT AT TOP OF GYPSUM BOARD INTO THE JOINT TO PROVIDE FULL CONTACT BETWEEN THE BOARD AND THE STRUCTURE ABOVE.
3. CUT-OUTS AND PERIMETER JOINTS: BACKS OF ELECTRICAL BOXES, PIPES, DUCT SYSTEMS, AND OTHER TYPES OF UTILITY EQUIPMENT PENETRATING WALL SURFACES OF DEMISING ASSEMBLIES ARE TO BE BUTTERED WITH SEALANT. ALL JOINTS AT PERIMETER EDGES INCLUDING ABUTTING SURFACES AND CORNER JOINTS FORMED BY COMPONENTS SHALL BE SEALED WITH SEALANT.
4. BATTS MAY BE FRICTION-FIT IN PLACE UNTIL THE INTERIOR FINISH IS APPLIED. INSTALL BATTS TO FILL ENTIRE STUD CAVITY. IF STUD CAVITY IS LESS THAN 96" IN HEIGHT, CUT LENGTHS TO FRICTION-FIT AGAINST FLOOR AND CEILING FRAMING/TRACKS. WALLS WITH PENETRATIONS REQUIRE THAT INSULATION BE CAREFULLY CUT TO FIT AROUND OUTLETS, JUNCTION BOXES, AND OTHER IRREGULARITIES. WHERE INSULATION MUST EXTEND HIGHER THAN 8 FEET, SUPPLEMENTARY SUPPORT SHOULD BE INSTALLED TO HOLD INSULATION IN PLACE UNTIL THE INTERIOR FINISH IS APPLIED.

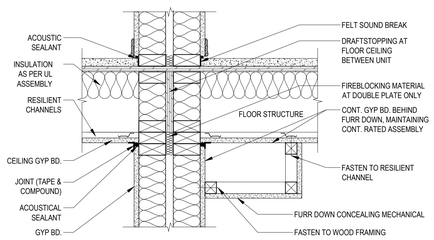
G. ACOUSTICAL SEALANT
1. SEAL ALL PENETRATIONS, THROUGH ACOUSTICAL ASSEMBLIES, EXCEPT FOR PENETRATIONS IN FIRE RATED CONSTRUCTION TO RECEIVE FIRESTOPPING. THIS INCLUDES PENETRATIONS INCLUDING BUT NOT LIMITED TO ELECTRICAL RECEPTACLE BOXES, LIGHT FIXTURES, SPRINKLER HEADS, DUCTWORK, PIPE, ETC.
2. REFER TO ASTM C 919, *STANDARD PRACTICE FOR USE OF SEALANTS IN ACOUSTICAL APPLICATIONS FOR THE PROPER USE OF ACOUSTICAL CAULK* . THIS STANDARD DETAILS A WALL SYSTEM, EXAMPLE-RATED AT STC 53, THAT ACHIEVES AN STC OF 29 WHEN IMPROPERLY CAULKED. FAILING TO CAULK THE SYSTEM CLEARLY EQUATES TO A FAILURE TO BUILD AN ACOUSTICAL WALL.
3. WHEN THERE ARE TWO LAYERS OF WALLBOARD, IT NEED ONLY BE APPLIED TO ONE OF THE LAYERS.
4. WHEN SELECTING AN ACOUSTICAL SEALANT, IT SHOULD REMAIN RESILIENT (I.E. A NON-DRYING, NON-HARDENING, OR NON-SKINNING SEALANT). TAPING IS NOT AN ACCEPTABLE SOLUTION.

H. RESILIENT CHANNELS
ANY CONTACT OF GYPSUM BOARD SCREWS TO THE STUDS OR JOISTS AS THE GYPSUM BOARD IS ATTACHED TO THE RESILIENT CHANNELS CAN SIGNIFICANTLY INCREASE SOUND TRANSMISSION THROUGH THE ASSEMBLY AND REDUCE THE EFFECTIVENESS OF THE RESILIENT CHANNELS.

I. OTHER REFERENCES
1. FIRE AND SOUND CONTROL IN WOOD-FRAME MULTI-FAMILY BUILDINGS: BEST PRACTICE GUIDE BUILDING TECHNOLOGY , NATIONAL RESEARCH COUNCIL OF CANADA.
2. ASTM C919, *STANDARD PRACTICE FOR USE OF SEALANTS IN ACOUSTICAL APPLICATIONS FOR THE PROPER USE OF ACOUSTICAL CAULK*.
3. FIRE RESISTENCE DESIGN MANUAL, 17TH EDITION , GYPSUM ASSOCIATION.
4. ACOUSTICAL WALL INSULATION DESIGN GUIDE, OWENS CORNING.
5. SOUND CONTROL FOR COMMERCIAL AND RESIDENTIAL BUILDINGS, NORTH AMERICA INSULATION MANUFACTURERS ASSOCIATION.
6. LEVELROCK FLOOR UNDERLAYMENT SOUND SOLUTIONS , USG.
7. NOISE-RATED SYSTEMS, APA: THE ENGINEERED WOOD ASSOCIATION.
8. BUILDING A BETTER WALL: THE ELEMENTS OF GOOD ACOUSTICS , ARTICLE BY WILLIAM STEWART PUBLISHED IN "THE CONSTRUCTION SPECIFIER" IN JULY 2005.
J. NOTICE: ASTM E497, *STANDARD PRACTICE FOR INSTALLING SOUND-ISOLATING LIGHTWEIGHT PARTITIONS* , WAS WITHDRAWN WITHOUT REPLACEMENT EFFECTIVE 2008. PLEASE DISREGARD ANY MENTION OF THIS STANDARD IF FOUND IN REFERENCED MATERIALS LISTED IN SECTION I.

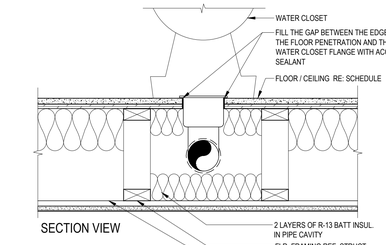


15 INTERSECTION AT EXT. WALL AT DBL. LAYER STUD WALL
SCALE = 1-1/2"=1'-0" INTERSECTION AT INTERIOR WALL IS SIMILAR



WHERE GYP BD. IS SUPPORTED ON RESILIENT CHANNELS, FASTEN FURRING TO RESILIENT CHANNEL WITHOUT CONTACTING THE WOOD FRAMING BENEATH.

10 FURRDOWN AT DEMISING FLOOR/CEILING ASSEMBLY
SCALE = 1-1/2"=1'-0" PREFERRED INSTALLATION



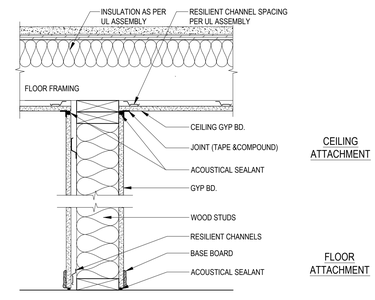
NOTE: WATER CLOSETS TO BE RESILIENTLY MOUNTED WHEN SERVED BY DRAINS OR VENTS WHICH ARE INSTALLED WITHIN DEMISING ASSEMBLIES.

5 PLUMBING PENETRATION AT DEMISING FLOOR ASSEMBLY
SCALE = 1-1/2"=1'-0"

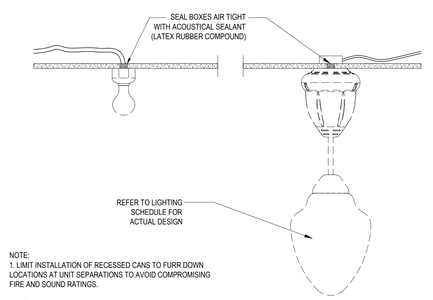
14 DOUBLE LAYER WOOD STUD WALL W/RES. CHANNEL
SCALE = 1-1/2"=1'-0"

9 DISHWASHER INSTALLATION
SCALE = 1-1/2"=1'-0"

4 PLUMBING PENETRATIONS AT DEMISING ASSEMBLY
SCALE = 1-1/2"=1'-0"

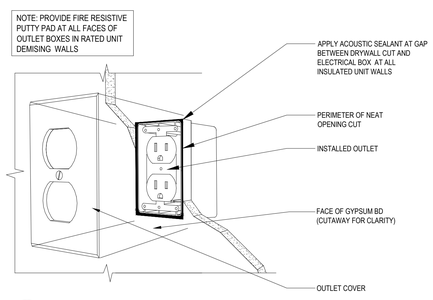


13 SINGLE LAYER WOOD STUD WALL W/RES. CHANNELS
SCALE = 1-1/2"=1'-0"



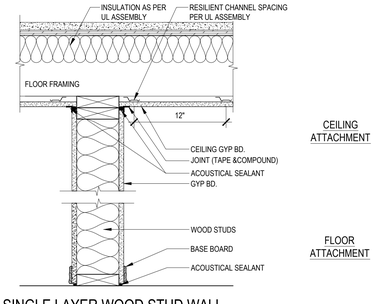
NOTE:
1. LIMIT INSTALLATION OF RECESSED CANS TO FURR DOWN LOCATIONS AT UNIT SEPARATIONS TO AVOID COMPROMISING FIRE AND SOUND RATINGS.

8 LIGHT FIXTURE CONNECTION AT DEMISING ASSEMBLY
SCALE = 1-1/2"=1'-0"

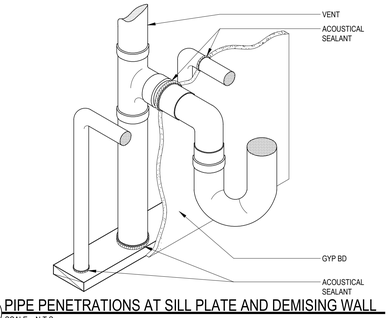


3 ELECTRICAL OUTLET AT DEMISING WALLS
SCALE = N.T.S.

NOTE:
THIS SHEET DEPICTS TYPICAL CONDITIONS AND IS NOT INTENDED TO OVERRIDE OTHER APPLICABLE CODES. IN THE CASE OF A DISCREPANCY, CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY FOR RESOLUTION. 04/2008

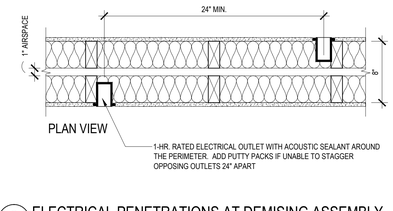


12 SINGLE LAYER WOOD STUD WALL
SCALE = 1-1/2"=1'-0"

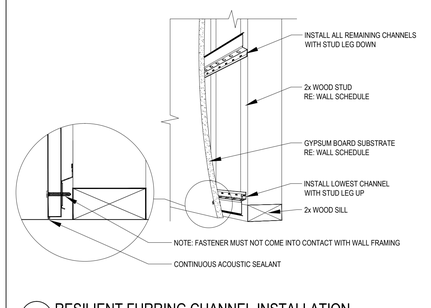


7 PIPE PENETRATIONS AT SILL PLATE AND DEMISING WALL
SCALE = N.T.S.

NOTES:
1. LIGHT SWITCHES AND OUTLETS SHOULD BE OFFSET AT LEAST 24" AND BE LOCATED IN SEPARATE STUD CAVITIES.
2. SOUND INSULATION SHOULD EXTEND BEHIND ELECTRICAL OUTLETS.



2 ELECTRICAL PENETRATIONS AT DEMISING ASSEMBLY
SCALE = 1-1/2"=1'-0"



1 RESILIENT FURRING CHANNEL INSTALLATION
SCALE = N.T.S. WHEN PART OF THE ASSEMBLY

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DiSSANOUTH
LICENSE NO. 7642
STATE OF LOUISIANA
REGISTERED ARCHITECT

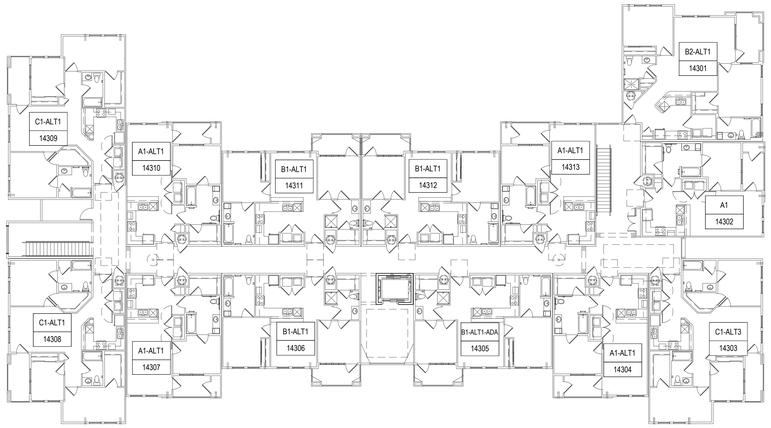
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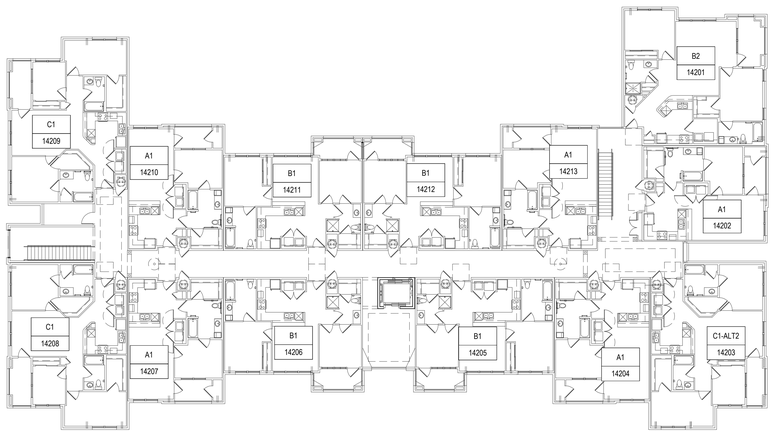
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SOUND CONTROL DETAILS AND NOTES

SHEET NO.
A1.07

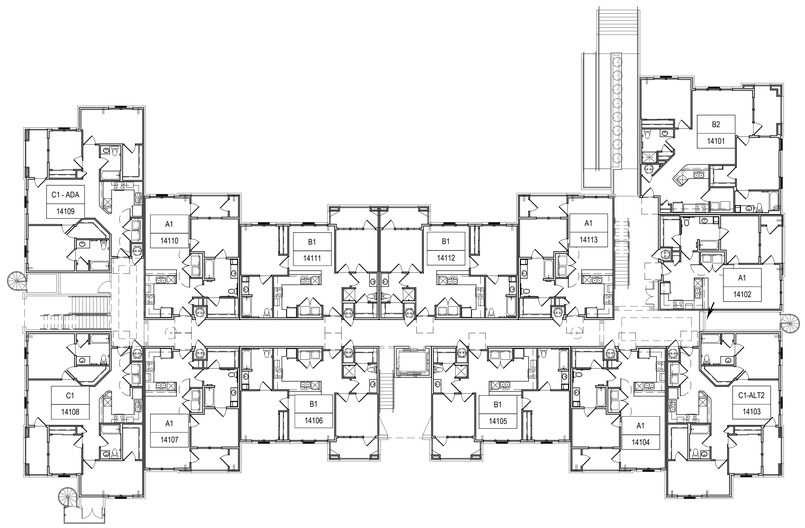
15557



3 BLDG 14, TYPE I THIRD FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"



2 BLDG 14, TYPE I SECOND FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"



1 BLDG 14, TYPE I FIRST FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"

Designed by: SB
Drawn by: RH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

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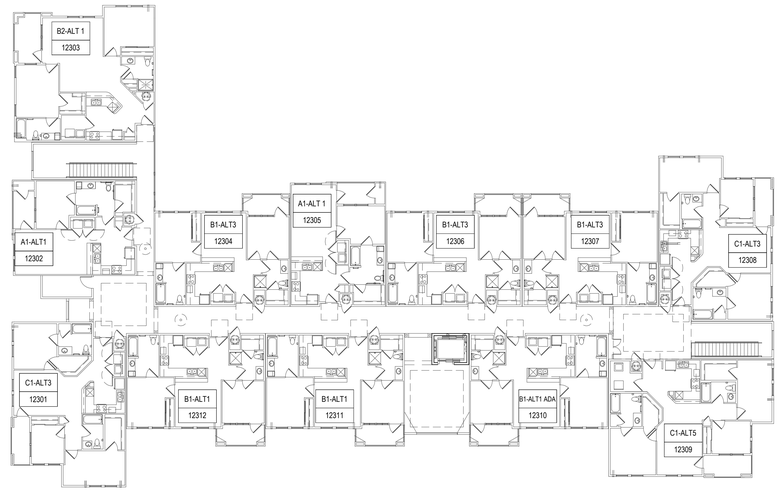
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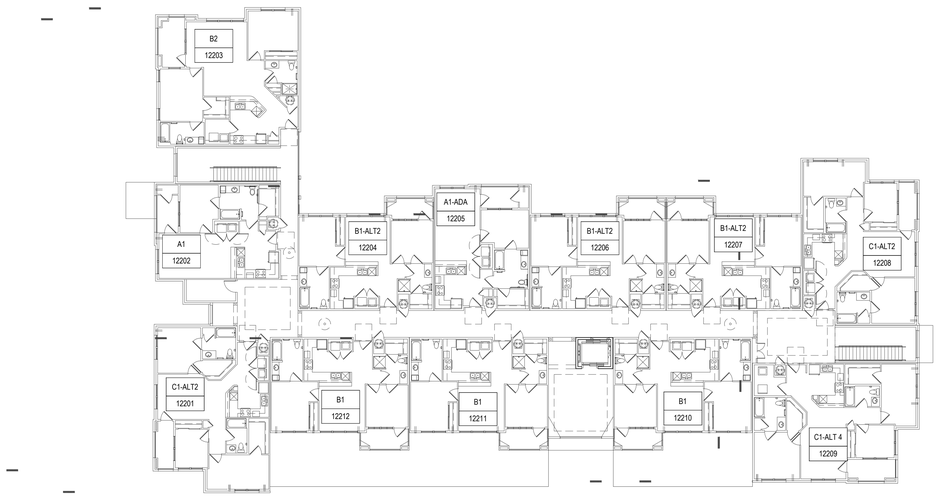
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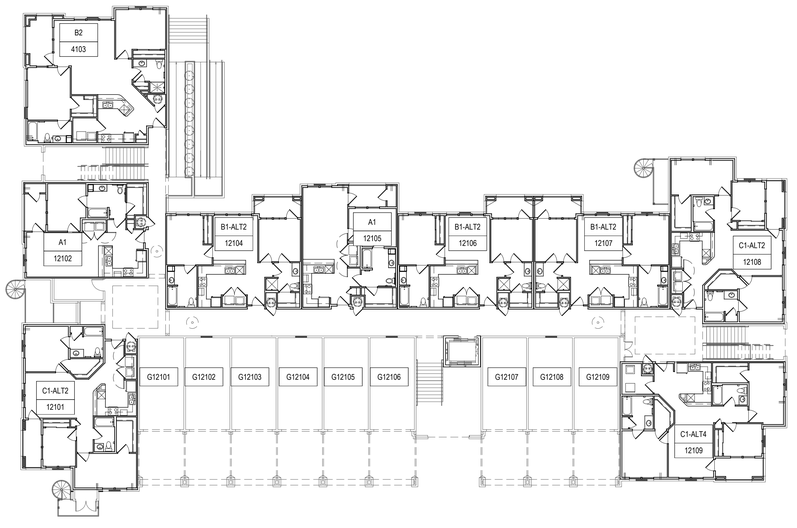
A



3 BLDG 12, TYPE II THIRD FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"



2 BLDG 12, TYPE II SECOND FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"



1 BLDG 12, TYPE II FIRST FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"

Designed by: SB
Drawn by: RH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANNO
Reg. No. 19843
STATE OF LOUISIANA
REGISTERED ARCHITECT

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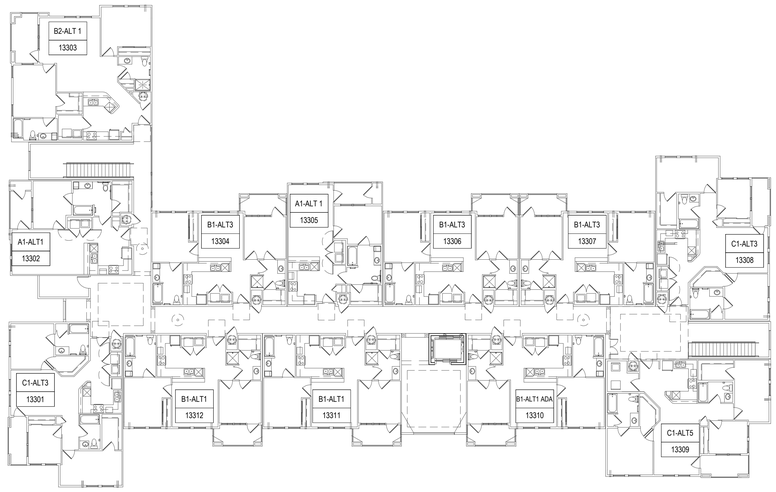
PERMIT: 09-02-2016

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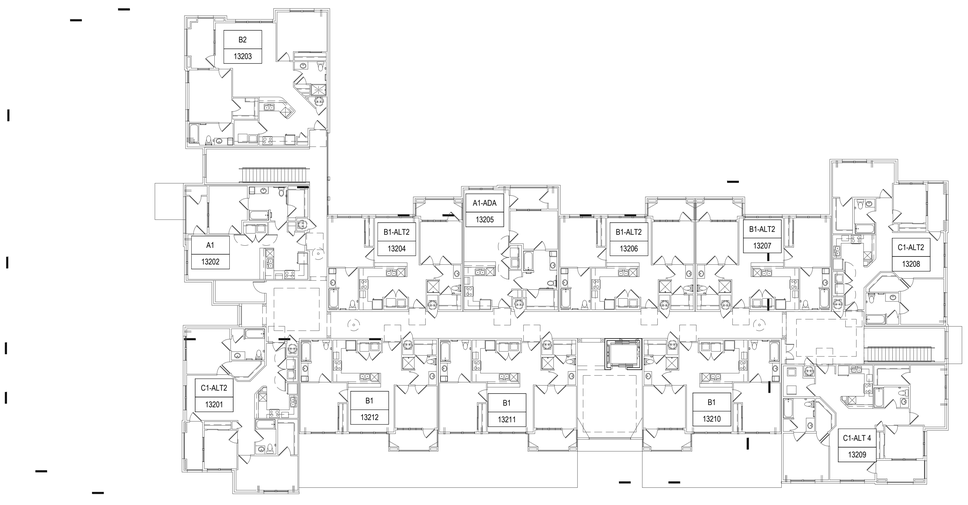
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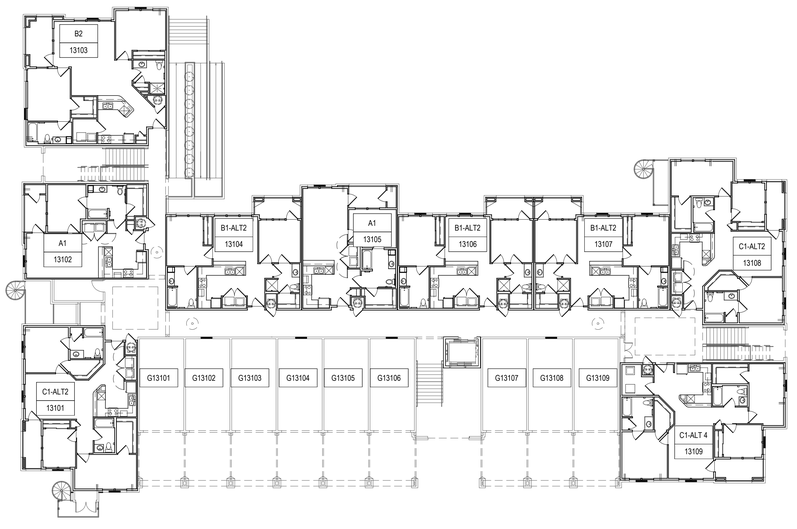
A



3 BLDG 13, TYPE IIA THIRD FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"



2 BLDG 13, TYPE IIA SECOND FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"



1 BLDG 13, TYPE IIA FIRST FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"

Designed by: SB
Drawn by: RH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANNO
Reg. No. 19823
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REGISTERED ARCHITECT

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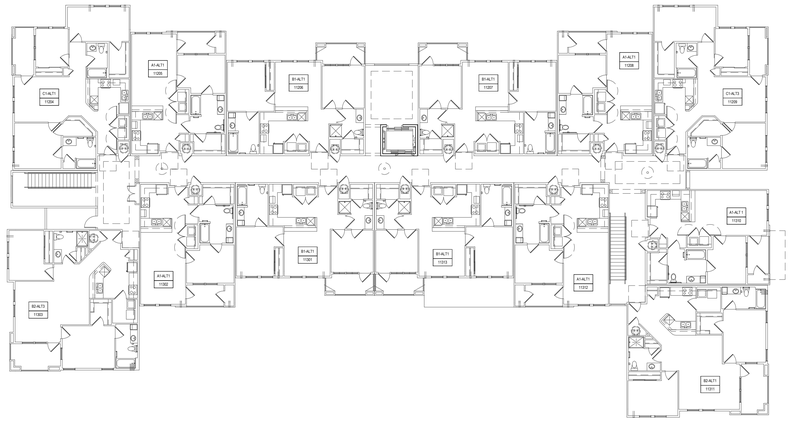
PERMIT: 09-02-2016

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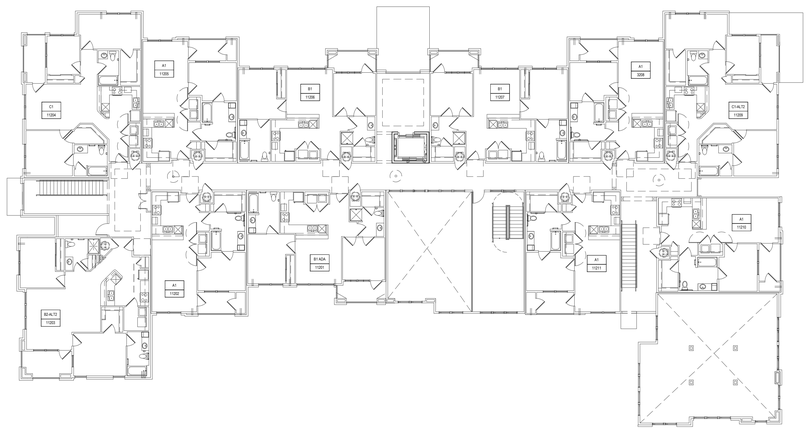
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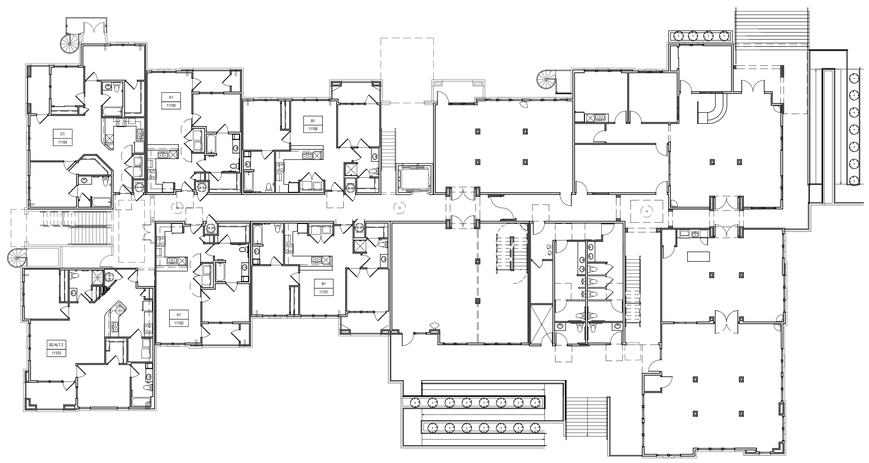
A



3 BLDG 11, TYPE III THIRD FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"



2 BLDG 11, TYPE III SECOND FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"



1 BLDG 11, TYPE III FIRST FLOOR ADDRESS PLAN
SCALE: 1/16" = 1'-0"

Designed by: SB
Drawn by: RH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSADIER
Reg. No. 19873
REGISTERED
ARCHITECT
STATE OF LOUISIANA

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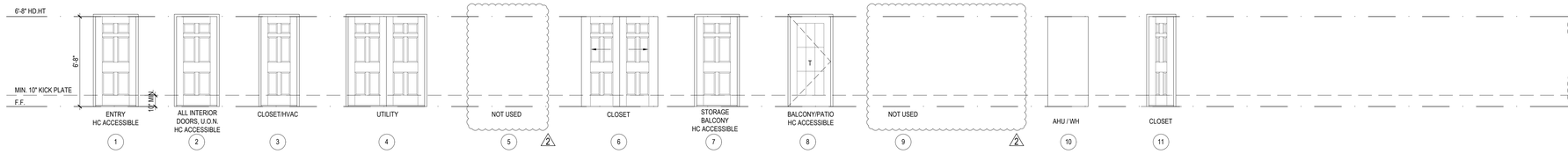
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ADDRESS PLAN

SHEET NO.
A1.30

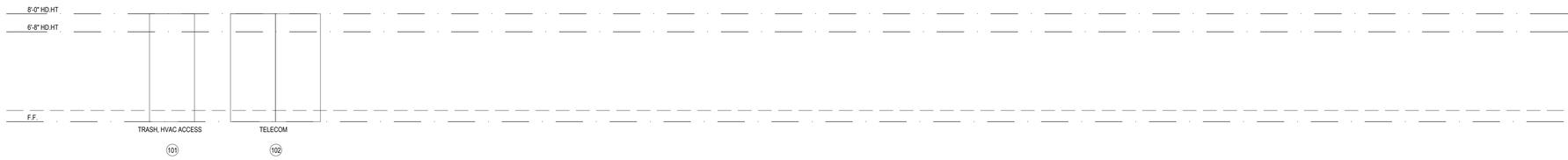
PERMIT: 09-02-2016

15557

DOOR ELEVATIONS - DWELLING UNITS



DOOR ELEVATIONS - COMMON AREAS



UNIT DOOR SCHEDULE

◯ DENOTES DOOR

MK	DOOR OPENING	THK	DESCRIPTION	REMARKS	FRAME	HDW SET NO.
1	3'-0" X 6'-8"	1-3/4"	EXT. MTL. INSUL.- 20 MIN. RATED	6 RAISED PANEL, 20 MIN.	WD - 20 MIN.	13.0
2	3'-0" X 6'-8"	1-3/8"	INT. H.C.	6 RAISED PANEL	WD - NR	8.0
3	2'-6" X 6'-8"	1-3/8"	INT. H.C.	6 RAISED PANEL	WD - NR	9.0
4	(2) 2'-10" X 6'-8"	1-3/8"	INT. H.C.	6 RAISED PANEL	WD - NR	14.0
5	NOT USED					
6	(2) 2'-10" X 6'-8"	1-3/4"	INT. H.C.	SLIDING DOOR	WD - NR	10.0
7	3'-0" X 6'-8"	1-3/4"	EXT. MTL.	6 RAISED PANEL	WD - NR	12.0
8	3'-0" X 6'-8"	1-3/4"	EXT. MTL. INSUL.	TEMPERED GLASS	WD - NR	12.0
9	NOT USED					
10	2'-6" X 6'-8"	1-3/4"	EXT. MTL. INSUL.	FLUSH	WD - NR	11.0
11	1'-6" X 6'-8"	1-3/8"	INT. H.C.	6 RAISED PANEL	WD - NR	9.0

2

* ALL UNIT INTERIOR DOORS TO BE HOLLOW CORE. THIS EXCLUDES UNIT ENTRY DOORS

DOOR SCHEDULE

◯ DENOTES DOOR

COMMON AREAS

MK	DOOR OPENING	THK	DESCRIPTION	REMARKS	FRAME
101	2'-8" X 8'-0"	1-3/4"	EXT. MTL. INSUL.		20 MIN
102	(2) 3'-0" X 8'-0"	1-3/4"	EXT. MTL. INSUL.		20 MIN

ABBREVIATIONS:

EXT. MTL. INSUL. EXTERIOR METAL INSULATED
INT. MTL. INTERIOR HOLLOW METAL
HM - NR HOLLOW METAL - NON RATED

* PER SECTION 24.06 FIRE PROTECTION RATED GLAZING CONFORMING TO THE OPENING PROTECTION REQUIREMENTS IN TABLE 24.06 SHALL BE PERMITTED IN FIRE DOOR ASSEMBLIES.

GENERAL NOTES:

1. REFER TO PROJECT MANUAL FOR HARDWARE SCHEDULE, OWNER NATIONAL CONTRACT.
2. ENTRY DEAD BOLT LOCK TO COMPLY WITH MOST STRINGENT CODE REQUIRED FOR THIS PROJECT. CONTRACTOR TO VERIFY WITH CODE OFFICIALS.
3. ALL DOORS TO BE FACTORY PRIMED AND FIELD PAINTED.
4. EXTERIOR DOORS TO BE INSULATED METAL PER DOOR SCHEDULE WITH PERIMETER SEALS OR AIRTIGHT WEATHERSTRIPPING (EXCEPT FOR SLIDING GLASS PATIO DOORS).
5. ALL FRAMES AND SEALS TO BE THOROUGHLY CAULKED AND WEATHERSTRIPPED TO PREVENT AIR LEAK TYPE TRANSMISSION OF SOUND.
6. COMMON AREA EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE REQUIRING NO KEY, SPECIAL KNOWLEDGE OR EFFORT.

INSTALLATION NOTES:

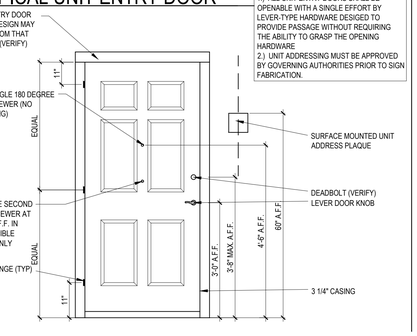
A. INSTALLATION OF ALL EXTERIOR DOORS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE, ASTM E2112-07, AND ASTM E2266-04.
B. THE DRAWINGS MAY NOT ADDRESS ALL ISSUES RELATED TO EVERY POSSIBLE INSTALLATION SITUATION ONE MIGHT EXPERIENCE IN THE FIELD NOR DO THEY PURPORT TO PROVIDE FAIL-SAFE INSTALLATION METHODS, ASSURANCE OR PROTECTION AGAINST INSTALLATION DEFICIENCIES, OR A STANDARD THAT CAN ENSURE DELIVERED PERFORMANCE.
C. THE EFFECTIVE PERFORMANCE OF INSTALLED FENESTRATION PRODUCTS IS DEPENDENT IN PART UPON FOLLOWING PROPER INSTALLATION PROCEDURES AND APPROPRIATE WORKMANSHIP. THE COORDINATION OF TRADES AND PROPER SEQUENCING ARE ESSENTIAL FOR EFFECTIVE FENESTRATION INSTALLATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE NECESSARY COORDINATION OF TRADES AND PROPER CONSTRUCTION SEQUENCING OF THE INSTALLED FENESTRATION PRODUCT.
D. IMPROPER INSTALLATION OF UNITS CONTRIBUTES TO EXCESSIVE AIR, WATER AND SOUND LEAKAGE, AND CONDENSATION WHICH MAY PROMOTE THE DETERIORATION OF WALL CONSTRUCTIONS, INSULATION, FENESTRATION PRODUCTS, AND THEIR RESPECTIVE FINISHES.
E. CONTINUITY SHALL BE MAINTAINED BETWEEN ELEMENTS IN THE FENESTRATION PRODUCT AND THE WEATHER RESISTANT BARRIER (W.R.B.) THAT PROVIDES WEATHER PROTECTION, AIR LEAKAGE CONTROL, AND RESISTANCE TO HEAT FLOW AND VAPOR DIFFUSION. THE GENERAL CONTRACTOR SHALL ENSURE THE PROPER CONTINUITY OF ALL ELEMENTS.
F. A W.R.B. SERVES TO PRECLUDE THE ENTRY OF WATER INTO THE FENESTRATION PRODUCT PERIMETER AREA, OR PROMPTLY DRAIN WATER THAT ENTERS THE FENESTRATION PRODUCT PERIMETER AREA, OR BOTH. IT SHALL BE INSTALLED IN A HORIZONTAL SHINGLE-LAP MANNER. THE INSTALLED W.R.B. SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO THE W.R.B. SHALL BE REPAIRED PRIOR TO COMPLETING THE INSTALLATION OF THE FENESTRATION PRODUCT AND SHALL MEET THE REQUIREMENTS OF THE W.R.B. MANUFACTURER.

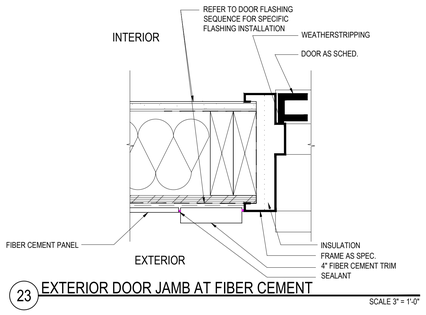
FLASHING REQUIREMENTS:
A. PROPER FLASHING AND SEALING ARE NECESSARY TO PREVENT WATER FROM ENTERING BETWEEN THE W.R.B., THE FENESTRATION PRODUCT FRAME, AND THE ADJACENT CONSTRUCTION MATERIALS.
B. UNLESS OTHERWISE SPECIFIED, FLASHING MATERIAL SHALL PROVIDE TWENTY-FOUR (24) HOUR MINIMUM PROTECTION FROM WATER PENETRATION WHEN TESTED IN ACCORDANCE WITH TEST METHOD D 779.
C. THE FLASHING MEMBRANE SHALL BE SECURELY AFFIXED TO MINIMIZE ANY WEATHER DAMAGE PRIOR TO THE BUILDING'S EXTERIOR TREATMENT BEING APPLIED. THE FENESTRATION PRODUCT AND FLASHING SHALL BE INTEGRATED INTO THE OVERALL W.R.B. THE GENERAL CONTRACTOR SHALL CONSULT THE FENESTRATION AND FLASHING MANUFACTURERS FOR ANY SPECIAL FLASHING REQUIREMENTS UNIQUE TO THEIR PRODUCTS.
D. UNLESS OTHERWISE SPECIFIED, GALVANIZED METAL FLASHING SHALL BE NO LESS THAN 26 GAGE IN THICKNESS AND SHALL BE ZINC COATED ON BOTH SIDES BY EITHER HOT DIPPED GALVANIZED OR ELECTROPLATED. IT CAN BE SURFACE TREATED FOR PAINTING BY PHOSPHATIZING.
E. TO PROVIDE ADEQUATE PROTECTION AGAINST GALVANIC CORROSION, USE ONLY FASTENERS THAT ARE COMPATIBLE WITH THE MATERIALS JOINED AND THAT WILL NOT RESULT IN GALVANIC CORROSION.
F. FASTENER LENGTH SHALL BE SUFFICIENT TO PENETRATE THE SUBSTRATE TO A DEPTH DESIGNED TO MEET APPLICABLE BUILDING CODES, MANUFACTURER'S RECOMMENDATIONS, AND STRUCTURAL CALCULATIONS. NUMBER AND SPACING SHALL BE SUFFICIENT TO MEET LOADS.
G. FASTENERS SHALL NOT PENETRATE HORIZONTAL FLASHINGS.

INSTALLATION REQUIREMENTS:
A. ANCHORING OF DOOR PRODUCTS SHOULD ALWAYS BE DONE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
B. INSTALL SHIMS BETWEEN THE DOOR FRAME AND FRAMING STUDS. THERE SHALL BE A SHIM AT EACH HINGE AND ONE FOR THE LOCK STRIKE.
C. WHEN APPLYING SEALANT, DO NOT PLUG WEEP HOLES.
D. WHEN PAN FLASHING IS USED, DO NOT SET THRESHOLD IN A BED OF SEALANT OR OTHERWISE IMPEDE THE DRAINAGE OF WATER BELOW THE THRESHOLD. ATTACH THE THRESHOLD TO THE JAMBS. DO NOT ATTACH THE THRESHOLD THROUGH THE PAN FLASHING.
E. CONTRACTOR TO FIELD VERIFY ALL DOOR FRAME DEPTHS PRIOR TO ORDERING.
F. APPLY THE W.R.B. IN WATER SHEDDING FASHION, STARTING AT THE BASE OF THE WALL AND WORKING TOWARDS THE TOP. INSTALL THE W.R.B. TO THE FACE OF THE BUILDING SHEATHING FLUSH WITH THE ROUGH OPENING OF THE DOOR HEAD, JAMBS, AND SILL.

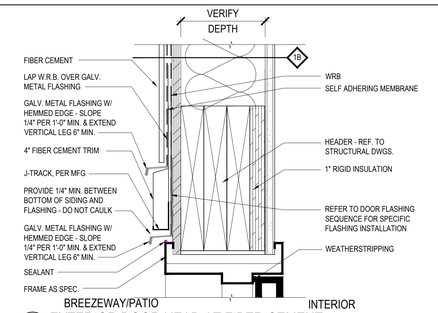
TYPICAL UNIT ENTRY DOOR

NOTE:
1.) ALL UNIT ENTRY DOORS SHALL BE OPENABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE DESIGED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE
2.) UNIT ADDRESSING MUST BE APPROVED BY GOVERNING AUTHORITIES PRIOR TO SIGN FABRICATION.

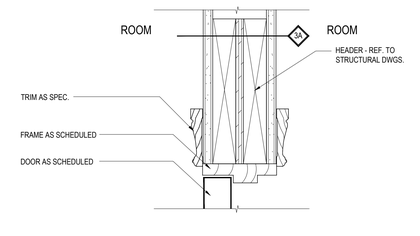




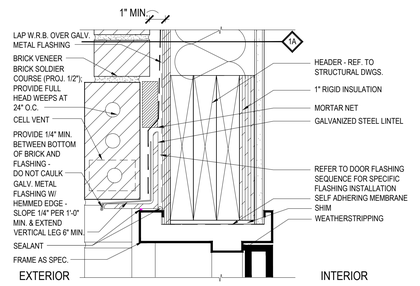
23 EXTERIOR DOOR JAMB AT FIBER CEMENT
SCALE 3" = 1'-0"



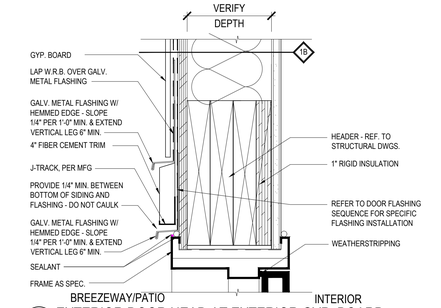
9 EXTERIOR DOOR HEAD AT FIBER CEMENT
SCALE 3" = 1'-0"



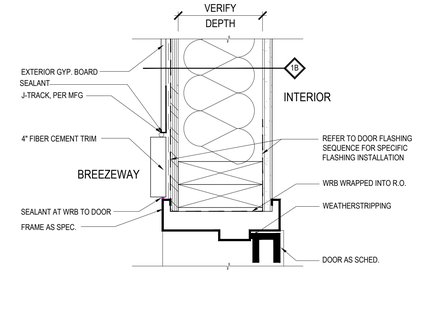
6 INTERIOR DOOR AT HEAD
SCALE: 3" = 1'-0"



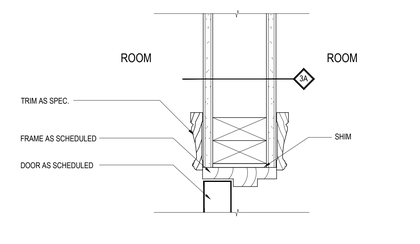
3 EXTERIOR DOOR HEAD AT BRICK
SCALE: 3" = 1'-0"



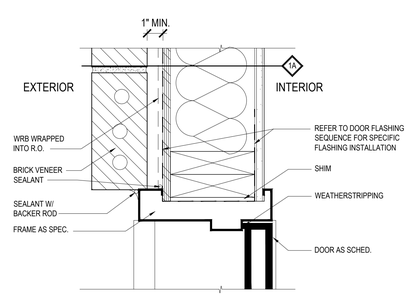
22 EXTERIOR DOOR HEAD AT EXTERIOR GYP. BOARD
SCALE 3" = 1'-0"



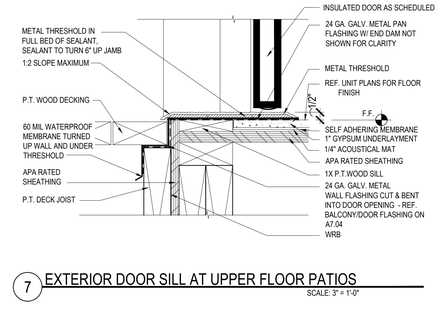
8 EXTERIOR DOOR JAMB AT EXTERIOR GYP. BOARD
SCALE: 3" = 1'-0"



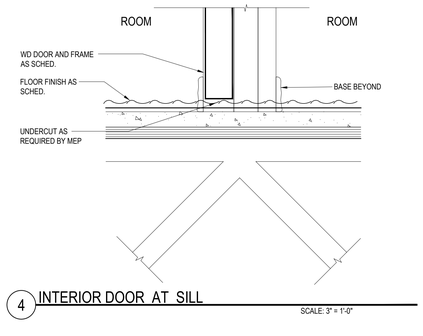
5 INTERIOR DOOR JAMB
SCALE: 3" = 1'-0"



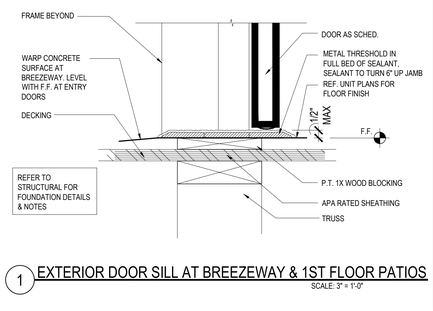
2 EXTERIOR DOOR JAMB AT BRICK
SCALE: 3" = 1'-0"



7 EXTERIOR DOOR SILL AT UPPER FLOOR PATIOS
SCALE: 3" = 1'-0"



4 INTERIOR DOOR AT SILL
SCALE: 3" = 1'-0"



1 EXTERIOR DOOR SILL AT BREEZEWAY & 1ST FLOOR PATIOS
SCALE: 3" = 1'-0"

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding: 09/02/16
Issue for Permit Application: 09/02/16
Issue for Construction XX/XX/XX

Revisions:

#	DATE	COMMENTS
1	12/30/2016	HPA REVIEW
2	10/16/2017	RFI 27

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Reg. No. 7567
STATE OF LOUISIANA
REGISTERED ARCHITECT

SHEET CONTENTS:
UNIT DOOR SCHEDULE, DETAILS, & NOTES

SHEET NO.
A2.01

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FLASHING INSTALLATION SEQUENCE

STEP 6

A. OPTIONAL: ADHERE HIGH PRESSURE SKIRT TO THE BOTTOM THRESHOLD OF THE DOOR.
B. INSTALL DOOR ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
C. CUT TWO PIECES OF THE FLASHING TAPE FOR JAMB FLASHING EXTENDING 1" ABOVE DOOR HEAD FLANGE AND BELOW BOTTOM EDGE OF SILL FLASHING. RELEASE PAPER AND PRESS TIGHTLY ALONG SIDES OF DOOR FRAME.
D. CUT A PIECE OF FLASHING TAPE FOR HEAD FLASHING, WHICH EXTENDS BEYOND OUTER EDGES OF JAMB FLASHING. REMOVE RELEASE PAPER AND INSTALL COMPLETELY COVERING MOUNTING FLANGE AND ADHERING TO EXPOSED SHEATHING OR FRAMING MEMBERS (SEED).

NOTE: ENSURE PROPER SHINGLING, FLASHING TAPE MUST OVERLAP THE OTHER FLASHING TAPE AND ADHERE TO THE ADHESIVE TAPE.

STEP 7

A. FLIP DOWN UPPER FLAP OF WRB SO THAT IT LAYS FLAT ACROSS HEAD FLASHING
B. AT THE HEAD, CONTINUOUS TAPE SEAMS AS SHOWN WITH THE ADHESIVE TAPE. SKIP-TAPING AT THE HEAD IS ACCEPTABLE IF AN AIR BARRIER IS NOT REQUIRED OR IF ADDITIONAL DRAINAGE IS DESIRED. DO NOT TAPE AT BOTTOM OF DOOR.
C. TAPE DOWN DIAGONAL SEAMS OF ADHESIVE TAPE.

STEP 8

A. OPTIONAL: WHEN THE INTERIOR FLOORING IS READY TO INSTALL, REMOVE RELEASE PAPER AND USE FOLDING OPTION ONE OR TWO (SHOWN BELOW) TO FORM BACK DAM.
B. INSTALL ADHESIVE SEALANT TAPE (AND BACKER ROD IS NECESSARY) AROUND THE WINDOW OPENING AT THE INTERIOR. IT IS ALSO ACCEPTABLE TO USE RECOMMENDED OPENING FOAM. THE SEAL CREATED BY THE SEALANT (AND BACKER ROD AS NECESSARY) OR FOAM WILL ALSO SERVE AS A BACK DAM. THE ADHESIVE SEALANT TAPE SHOULD BE TOOLED FLAT TO ALLOW THE NATURAL CURING PROCESS TO CREATE A CONCAVE SHAPE. BE SURE THAT THE SEALANT PENETRATES THE GROOVES OF THE FLASHING TAPE AROUND THE SILL.

NOTE: INSTALLATIONS THAT SPECIFY A WINDOW/DOOR DESIGN RATING OF DP45 OR GREATER REQUIRE EXTRA PRECAUTIONS. SEE GENERAL INSTRUCTIONS FOR PERFORMANCE REQUIREMENTS EXCEEDING THIS DESIGN RATING.

FLASHING INSTALLATION SEQUENCE

FLASHING SYSTEMS INSTALLATION GUIDELINES FOR RECTANGULAR INTEGRAL FLANGED DOORS AFTER WATER-RESISTIVE BARRIER (WRB) IS INSTALLED

STEP 1

PREPARE WRB FOR DOOR INSTALLATION:

A. MAKE AN "I-CUT" (STANDARD I-CUT) IN WRB. FOR AN "I-CUT", BEGIN WITH A HORIZONTAL CUT ACROSS THE BOTTOM AND THE TOP OF THE DOOR FRAME FROM THE CENTER, CUT STRAIGHT DOWN TO THE SILL
B. CUT TWO 45 DEGREE SLITS A MINIMUM OF 8" EXTENDING FROM THE CORNER OF THE DOOR HEAD, UP AND AWAY FROM THE DOOR OPENING. THIS WILL CREATE A FLAP ABOVE THE ROUGH OPENING TO EXPOSE SHEATHING OR FRAMING MEMBERS TO ALLOW HEAD FLASHING INSTALLATION (SEE STEP 8).
NOTE: SOME DOORS AND FLASHING WIDTHS MAY REQUIRE LONGER SLITS.
C. FLIP HEAD FLAP UP AND TEMPORARILY SECURE WITH ADHESIVE TAPE.
NOTE: SOME DOORS AND FLASHING WIDTHS MAY REQUIRE LONGER SLITS.
D. FOLD SIDE FLAPS INTO ROUGH OPENING AND SECURE TO INSIDE WALL FRAMING. CUT OFF EXCESS FLAPS IF DESIRED.

STEP 2

PREPARING OF SILL FLASHING:

A. CUT A PIECE OF 6" OR 9" WIDE FLASHING ADHESIVE TAPE THE WIDTH OF THE SILL.
B. 9" FLASHING TAPE HAS PERFORATED RELEASE PAPER TO HELP WITH THE FORMATION OF THE BACK DAM. TO ENSURE THAT THE PERFORATION TEARS CLEANLY, HOLD THE PERFORATION 180° AND CREASE THE FLASHING.
C. REMOVE THE TWO WIDEST PIECES OF RELEASE PAPER LEAVING THE NARROWEST RELEASE PAPER ON THE FLASHING. WHEN THE FINISHED FLOOR IS APPLIED, THE RELEASE PAPER CAN BE REMOVED AND THE BACK DAM CAN BE COMPLETED.

STEP 3

A. INSTALL THE SILL FLASHING AS INDICATED LEAVING THE 1" OF 9" FLASHING TAPE WITH RELEASE PAPER EXTENDING IT PAST THE DOOR THRESHOLD ON THE INSIDE. WHEN THE 1" OF RELEASE PAPER IS REMOVED THERE SHOULD BE 3/4" OF FLASHING TO FORM THE BACK DAM.
OPTIONAL: SOME FLOORING CANNOT ACCOMMODATE A BACK DAM. IN THAT
CASE, FOLD THE 1" BACK DAM ON TOP OF 9" FLEX WRAP NF IN THE SILL. DOOR
WILL BE INSTALLED ON TOP OF THE 1" FOLD TO CREATE A BACK DAM.

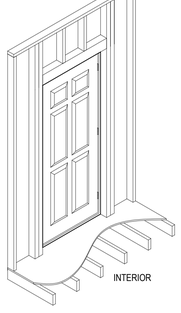
STEP 4

FAN OUT THE FLASHING TAPE AT THE BOTTOM OF CORNERS ONTO FACE OF WALL. COVERAGE OF THE FLASHING TAPE SHOULD BE 2" TO 3" ONTO THE FACE WALL.
APPLY RESIDENTIAL SEALANT, COMMERCIAL SEALANT OR RECOMMENDED SEALANT ON THREE SIDES (JAMBS AND HEAD) AS SHOWN IN THE DRAWING. IF SEALANT IS APPLIED TO THE SILL, ENSURE THAT THERE ARE AT LEAST TWO (2) 2" GAPS IN THE SEALANT BEAD FOR EVERY 4" OF WINDOW TO ALLOW FOR DRAINAGE.

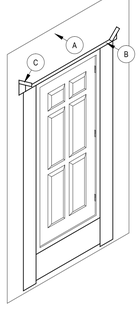
STEP 5

FOR EXTREME WEATHER CONDITIONS, PERFORMANCE REQUIREMENTS EXCEEDING ASTM E1677, OR WINDOW/DOOR DESIGN RATINGS OF DP45 OR GREATER, SEE GENERAL INSTRUCTIONS.

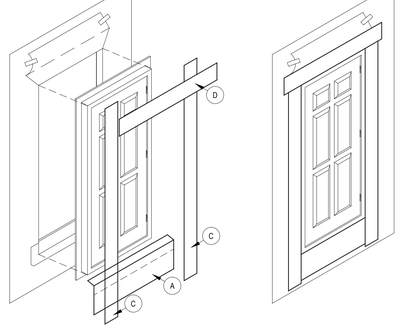
A. CREATE THE HIGH PRESSURE SKIRT BY CUTTING A PIECE OF WRB 1" WIDER THAN THE WIDTH OF DOOR OPENING AND APPROXIMATELY 10" IN DEPTH.
B. CUT OF PIECE OF FLASHING TAPE TO THE SAME WIDTH AS THE SKIRT. REMOVE TWO PIECES OF RELEASE PAPER AND ADHERE TO THE WRB.
C. REMOVE THE LAST PIECE OF RELEASE PAPER AND ATTACH THE SKIRT TO THE UNDERSIDE OF THE DOOR. THIS SKIRT MAY BE MADE WITH STRAIGHT FLASHING TAPE.



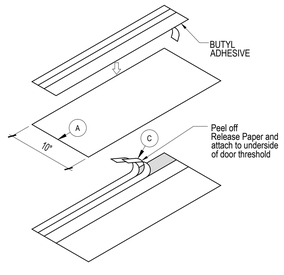
STEP - 8



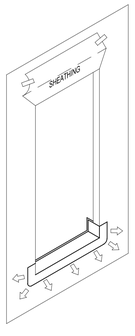
STEP - 7



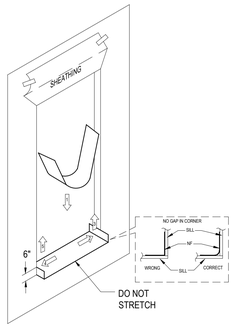
STEP - 6



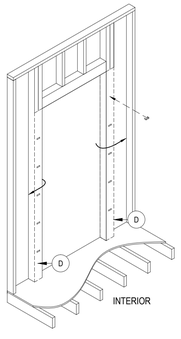
STEP - 5

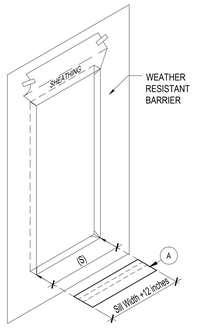


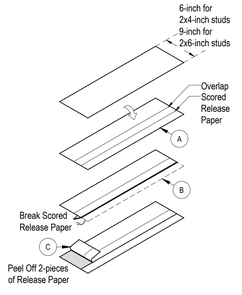
STEP - 4



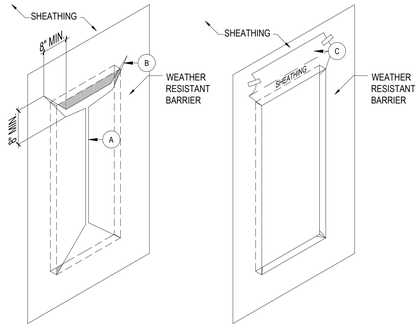
STEP - 3







STEP - 2



STEP - 1

1 DOOR FLASHING SEQUENCE
N.T.S.

ASI 004: 05-21-2018

Designed by: SB
Drawn by: PV
Archited of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

PANTA A. DiSALVO
Reg. No. 7643
PROFESSIONAL
STATE OF LOUISIANA
REGISTERED ARCHITECT

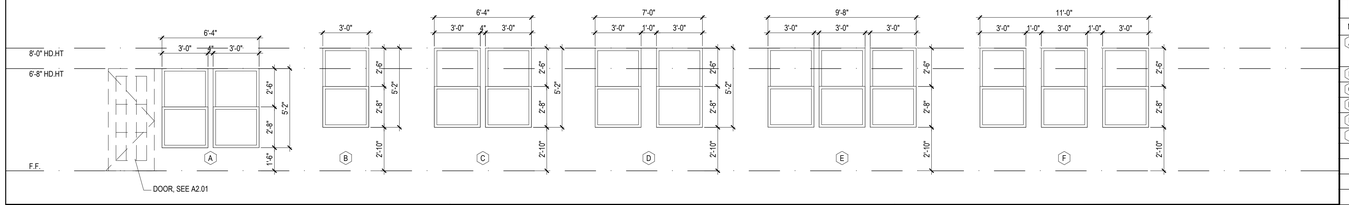
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SHEET CONTENTS:
UNIT DOOR
FLASHING SEQUENCE

SHEET NO.
A2.01a

15557

DWELLING UNITS



WINDOW SCHEDULE

DENOTES WINDOW

F - DENOTES FIXED WINDOW
T - DENOTES TEMPERED GLASS
(REFER TO UNIT PLANS FOR LOCATIONS)

DWELLING UNITS

MK	WINDOW SIZE	DESCRIPTION	REMARKS	HEAD HT.
A	(2) 3'-0" X 5'-2"	VINYL	2 LITES OVER 2 LITES, SINGLE HUNG WITH TEMPERED GLASS 3'-0" X 6'-8" DOOR	6'-8"
B	3'-0" X 5'-2"	VINYL	1 LITE OVER 1 LITE, SINGLE HUNG	6'-8", 8'-0"
C	(2) 3'-0" X 5'-2"	VINYL	2 LITES OVER 2 LITES, SINGLE HUNG, 4" BETWEEN	6'-8", 8'-0"
D	(2) 3'-0" X 5'-2"	VINYL	2 LITES OVER 2 LITES, SINGLE HUNG, 1'-0" BETWEEN	6'-8", 8'-0"
E	(3) 3'-0" X 5'-2"	VINYL	3 LITES OVER 3 LITES, SINGLE HUNG, 4" BETWEEN	6'-8", 8'-0"
F	(3) 3'-0" X 5'-2"	VINYL	3 LITES OVER 3 LITES, SINGLE HUNG, 1'-0" BETWEEN	6'-8", 8'-0"

*ALL WINDOWS LOCATED IN BEDROOMS ARE FIRE ESCAPE WINDOWS, PLEASE REFER TO UNIT PLANS FOR LOCATIONS.

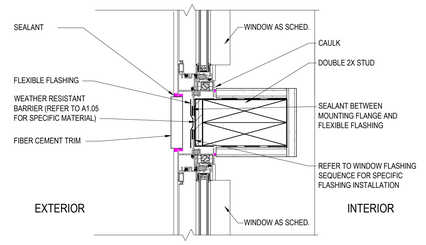
ABBREVIATIONS:

EXT. MTL. INSUL. EXTERIOR METAL INSULATED
INT. MTL. INTERIOR HOLLOW METAL
HM - NR HOLLOW METAL - NON RATED

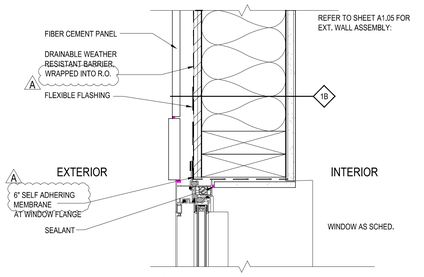
* PER SECTION 24.06 FIRE PROTECTION RATED GLAZING CONFORMING TO THE OPENING PROTECTION REQUIREMENTS IN TABLE 24.06 SHALL BE PERMITTED IN FIRE DOOR ASSEMBLIES.

FIRE RATED GLAZING TO BE TESTED AS PART OF A FIRE-RESISTANCE - RATED WALL ASSEMBLY IN ACCORDANCE WITH ASTME 119 OR UL263 AND LABELED IN ACCORDANCE WITH IBC 2012 SECTION 703.5

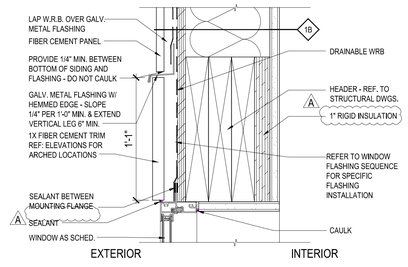
GENERAL NOTES:
1. OPERABLE WINDOWS WITH SILLS LOWER THAN 36" MUST HAVE WINDOW FALL PREVENTION DEVICES THAT COMPLY WITH ASTM F 2090.
2. WHERE OPERABLE WINDOWS ARE PROVIDED, CONTROLS THAT ARE ACCESSIBLE IN CLEAR FLOOR SPACE, HEIGHT AND OPERATION SHALL COMPLY WITH ADA 309. AT ADA UNITS, AT LEAST 1 OPERABLE WINDOW IN EACH SLEEPING, LIVING, OR DINING SPACE SHALL COMPLY WITH ADA 308.2.1 WITH THE ACCESSIBLE CONTROLS AT 48" A.F.F.
3. ALL WINDOWS TO HAVE FACTORY INSTALLED LOCKING DEVICES.
4. ALL WINDOWS TO HAVE HALF SCREENS BY MANUFACTURER.
5. INSTALL TEMPERED GLASS IN ALL HAZARDOUS LOCATIONS AS DEFINED IN THE I.B.C. SEC. 2406. REFER TO UNIT TYPE AND ENLARGED FLOOR PLANS FOR SPECIFIC LOCATIONS.
6. ALL EXTERIOR WINDOWS ARE TO BE LARGE-MISSILE IMPACT RESISTANT.



9 WINDOW JAMB AT MULLION
SCALE: 3" = 1'-0"



8 WINDOW JAMB AT F.C.PANEL
SCALE: 3" = 1'-0"



7 WINDOW HEAD AT F.C.PANEL
SCALE: 3" = 1'-0"

6 WINDOW SILL AT F.C.PANEL
SCALE: 3" = 1'-0"

SAFETY GLAZING NOTES

REFER TO 2012 IBC

2406.4 HAZARDOUS LOCATIONS.
THE LOCATIONS SPECIFIED IN SECTIONS 2406.4.1 THROUGH 2406.4.7 SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS REQUIRING SAFETY GLAZING MATERIALS.

2406.4.1 GLAZING IN DOORS.
GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING, SLIDING, AND BIFOLD DOORS SHALL BE CONSIDERED A HAZARDOUS LOCATION.
EXCEPTIONS:
1. GLAZED OPENINGS OF A SIZE THROUGH WHICH A 3-INCH-DIAMETER (76 MM) SPHERE IS UNABLE TO PASS.
2. DECORATIVE GLAZING.
3. GLAZING MATERIALS USED AS CURVED GLAZED PANELS IN REVOLVING DOORS.
4. COMMERCIAL REFRIGERATED CABINET GLAZED DOORS.

2406.4.2 GLAZING ADJACENT TO DOORS.
GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE OF THE GLAZING IS WITHIN A 24-INCH (610 MM) ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES (1524 MM) ABOVE THE WALKING SURFACE SHALL BE CONSIDERED A HAZARDOUS LOCATION.
EXCEPTIONS:
1. DECORATIVE GLAZING.
2. WHERE THERE IS AN INTERVENING WALL OR OTHER PERMANENT BARRIER BETWEEN THE DOOR AND GLAZING.
3. WHERE ACCESS THROUGH THE DOOR IS TO A CLOSET OR STORAGE AREA 3 FEET (914 MM) OR LESS IN DEPTH. GLAZING IN THIS APPLICATION SHALL COMPLY WITH SECTION 2406.4.3.
4. GLAZING IN WALLS ON THE LATCH SIDE OF AND PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION IN ONE- AND TWO-FAMILY DWELLINGS OR WITHIN DWELLING UNITS IN GROUP R-2.

2406.4.3 GLAZING IN WINDOWS.
GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS SHALL BE CONSIDERED A HAZARDOUS LOCATION:
1. THE EXPOSED AREA OF AN INDIVIDUAL PANE IS GREATER THAN 9 SQUARE FEET (0.84 M2);
2. THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18 INCHES (457 MM) ABOVE THE FLOOR;
3. THE TOP EDGE OF THE GLAZING IS GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR; AND
4. ONE OR MORE WALKING SURFACE(S) ARE WITHIN 36 INCHES (914 MM), MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE PLANE OF THE GLAZING.
EXCEPTIONS:
1. DECORATIVE GLAZING.
2. WHERE A HORIZONTAL RAIL IS INSTALLED ON THE ACCESSIBLE SIDE(S) OF THE GLAZING 34 TO 38 INCHES (864 TO 965 MM) ABOVE THE WALKING SURFACE. THE RAIL SHALL BE CAPABLE OF WITHSTANDING A HORIZONTAL LOAD OF 50 POUNDS PER LINEAR FOOT (730 N/M) WITHOUT CONTACTING THE GLASS AND BE A MINIMUM OF 1½ INCHES (38 MM) IN CROSS-SECTIONAL HEIGHT.
3. OUTBOARD PANES IN INSULATING GLASS UNITS OR MULTIPLE GLAZING WHERE THE BOTTOM EXPOSED EDGE OF THE GLASS IS 25 FEET (7620 MM) OR MORE ABOVE ANY GRADE, ROOF, WALKING SURFACE OR OTHER HORIZONTAL OR SLOPED (WITHIN 45 DEGREES OF HORIZONTAL) (0.78 RAD) SURFACE ADJACENT TO THE GLASS EXTERIOR.

2406.4.4 GLAZING IN GUARDS AND RAILINGS.
GLAZING IN GUARDS AND RAILINGS, INCLUDING STRUCTURAL BALUSTER PANELS AND NONSTRUCTURAL IN-FILL PANELS, REGARDLESS OF AREA OR HEIGHT ABOVE A WALKING SURFACE SHALL BE CONSIDERED A HAZARDOUS LOCATION.

2406.4.5 GLAZING AND WET SURFACES.
GLAZING IN WALLS, ENCLOSURES OR FENCES CONTAINING OR FACING HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS AND INDOOR OR OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES (1524 MM) MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE SHALL BE CONSIDERED A HAZARDOUS LOCATION. THIS SHALL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE GLAZING.
EXCEPTION: GLAZING THAT IS MORE THAN 60 INCHES (1524 MM), MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, FROM THE WATER'S EDGE OF A BATHTUB, HOT TUB, SPA, WHIRLPOOL, OR SWIMMING POOL.

2406.4.6 GLAZING ADJACENT TO STAIRS AND RAMPS.
GLAZING WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES (1524 MM) ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE OF STAIRWAYS, LANDINGS BETWEEN FLIGHTS OF STAIRS, AND RAMPS SHALL BE CONSIDERED A HAZARDOUS LOCATION.
EXCEPTIONS:
1. THE SIDE OF A STAIRWAY, LANDING OR RAMP THAT HAS A GUARD COMPLYING WITH THE PROVISIONS OF SECTIONS 1013 AND 1607.8, AND THE PLANE OF THE GLASS IS GREATER THAN 18 INCHES (457 MM) FROM THE RAILING.
2. GLAZING 36 INCHES (914 MM) OR MORE MEASURED HORIZONTALLY FROM THE WALKING SURFACE.

2406.4.7 GLAZING ADJACENT TO THE BOTTOM STAIR LANDING.
GLAZING ADJACENT TO THE LANDING AT THE BOTTOM OF A STAIRWAY WHERE THE GLAZING IS LESS THAN 36 INCHES (914 MM) ABOVE THE LANDING AND WITHIN 60 INCHES (1524 MM) HORIZONTALLY OF THE BOTTOM TREAD SHALL BE CONSIDERED A HAZARDOUS LOCATION.
EXCEPTION: GLAZING THAT IS PROTECTED BY A GUARD COMPLYING WITH SECTIONS 1013 AND 1607.8 WHERE THE PLANE OF THE GLASS IS GREATER THAN 18 INCHES (457 MM) FROM THE GUARD.

GENERAL NOTES FOR WINDOW INSTALLATION

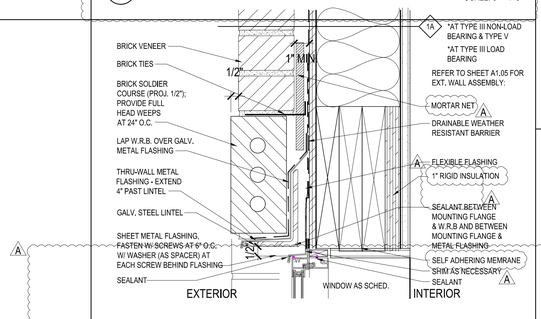
A. INSTALLATION OF ALL EXTERIOR WINDOWS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE, ASTM E2112-07, AND ASTM E2266-04.
B. THE DRAWINGS MAY NOT ADDRESS ALL ISSUES RELATED TO EVERY POSSIBLE INSTALLATION SITUATION ONE MIGHT EXPERIENCE IN THE FIELD OR DO THEY PURPORT TO PROVIDE FAIL-SAFE INSTALLATION METHODS, ASSURANCE OR PROTECTION AGAINST INSTALLATION DEFICIENCIES, OR A STANDARD THAT CAN ENSURE DELIVERED PERFORMANCE.
C. THE EFECTIVE PERFORMANCE OF INSTALLED FENESTRATION PRODUCTS IS DEPENDENT IN PART UPON FOLLOWING PROPER INSTALLATION PROCEDURES AND APPROPRIATE WORKMANSHIP. THE COORDINATION OF TRADES AND PROPER SEQUENCING ARE ESSENTIAL FOR EFFECTIVE FENESTRATION INSTALLATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE NECESSARY COORDINATION OF TRADES AND PROPER CONSTRUCTION SEQUENCING OF THE INSTALLED FENESTRATION PRODUCT.
D. IMPROPER INSTALLATION OF UNITS CONTRIBUTES TO EXCESSIVE AIR, WATER AND SOUND LEAKAGE, AND CONDENSATION WHICH MAY PROMOTE THE DETERIORATION OF WALL CONSTRUCTIONS, INSULATION, FENESTRATION PRODUCTS, AND THEIR RESPECTIVE FINISHES.
E. CONTINUITY SHALL BE MAINTAINED BETWEEN ELEMENTS IN THE FENESTRATION PRODUCT AND THE WEATHER RESISTANT BARRIER (W.R.B.) THAT PROVIDES WEATHER PROTECTION, AIR LEAKAGE CONTROL, AND RESISTANCE TO HEAT FLOW AND VAPOR DIFFUSION. THE GENERAL CONTRACTOR SHALL ENSURE THE PROPER CONTINUITY OF ALL ELEMENTS.
F. A W.R.B. SERVES TO PRECLUDE THE ENTRY OF WATER INTO THE FENESTRATION PRODUCT PERIMETER AREA, OR PROMPTLY DRAIN WATER THAT ENTERS THE FENESTRATION PRODUCT PERIMETER AREA, OR BOTH. IT SHALL BE INSTALLED IN A HORIZONTAL SHINGLE-LAP MANNER. THE INSTALLED W.R.B. SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO THE W.R.B. SHALL BE REPAIRED PRIOR TO COMPLETING THE INSTALLATION OF THE FENESTRATION PRODUCT AND SHALL MEET THE REQUIREMENTS OF THE W.R.B. MANUFACTURER.
G. THE BASIS OF DESIGN IS THE SILVERLINE 2900.

FLASHING REQUIREMENTS:
A. PROPER FLASHING AND SEALING ARE NECESSARY TO PREVENT WATER FROM ENTERING BETWEEN THE W.R.B., THE FENESTRATION PRODUCT FRAME, AND THE ADJACENT CONSTRUCTION MATERIALS.
B. UNLESS OTHERWISE SPECIFIED, FLASHING MATERIAL SHALL PROVIDE TWENTY-FOUR (24) HOUR MINIMUM PROTECTION FROM WATER PENETRATION WHEN TESTED IN ACCORDANCE WITH TEST METHOD D 779.
C. THE FLASHING MEMBRANE SHALL BE SECURELY AFFIXED TO MINIMIZE ANY WEATHER DAMAGE PRIOR TO THE BUILDING'S EXTERIOR TREATMENT BEING APPLIED. THE FENESTRATION PRODUCT AND FLASHING SHALL BE INTEGRATED INTO THE OVERALL W.R.B. THE GENERAL CONTRACTOR SHALL CONSULT THE FENESTRATION AND FLASHING MANUFACTURERS FOR ANY SPECIAL FLASHING REQUIREMENTS UNIQUE TO THEIR PRODUCTS.
D. UNLESS OTHERWISE SPECIFIED, GALVANIZED METAL FLASHING SHALL BE NO LESS THAN 26 GAGE IN THICKNESS AND SHALL BE ZINC COATED ON BOTH SIDES BY EITHER HOT DIPPED GALVANIZED OR ELECTROPLATED. IT CAN BE SURFACE TREATED FOR PAINTING BY PHOSPHATIZING.
E. TO PROVIDE ADEQUATE PROTECTION AGAINST GALVANIC CORROSION, USE ONLY FASTENERS THAT ARE COMPATIBLE WITH THE MATERIALS JOINED AND THAT WILL NOT RESULT IN GALVANIC CORROSION.
F. FASTENER LENGTH SHALL BE SUFFICIENT TO PENETRATE THE SUBSTRATE TO A DEPTH DESIGNED TO MEET APPLICABLE BUILDING CODES, MANUFACTURER'S RECOMMENDATIONS, AND STRUCTURAL CALCULATIONS. NUMBER AND SPACING SHALL BE SUFFICIENT TO MEET LOADS.
G. THE INSTALLATION OF FASTENERS OR FASTENING SYSTEMS SHALL NOT CAUSE EXCESSIVE DISTORTION (+/- 1/16") OF ANY FRAME OR SASH MEMBER, NOR IN ANY WAY IMPEDE THE OPERATION OF THE UNIT. HOWEVER, WHEN FASTENING WINDOWS TO THE BUILDING STRUCTURE THROUGH AN INTEGRAL NAILING FLANGE, THE FREQUENCY OF SAID FASTENERS SHALL BE AS REQUIRED TO PREVENT EXCESSIVE BUCKLING (+/- 1/16") OF THE FLANGE AND ENSURE CONTINUOUS AND POSITIVE COMPRESSION ON PERIMETER CAULKING BETWEEN FLANGE AND STRUCTURE. THE INTEGRAL NAILING FLANGE AT THE HEAD OF THE WINDOW SHALL BE FASTENED IN SUCH A MANNER AS TO INSURE THAT THE WINDOW HEAD WILL NOT BOW DOWNWARDS IF THE HEAD BEAM OVER THE WINDOW DEFLECTS. THIS CAN BE ACCOMPLISHED BY VERTICALLY ELONGATED INSTALLATION HOLES IN THE INTEGRAL NAILING FLANGE AT THE WINDOW HEAD OR SPECIAL FLANGE CLIPS THAT ALLOW MOVEMENT OF THEH FLANGE IN A VERTICAL DIRECTION.

INSTALLATION REQUIREMENTS:
A. ANCHORING OF WINDOW PRODUCTS SHOULD ALWAYS BE DONE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
B. WHEN REQUIRED, SHIMS SHALL BE INSTALLED IN A MANNER AND IN SUFFICIENT NUMBER TO MINIMIZE DEFLECTION, DISTORTION, OR ROTATION OF THE FRAME TO ACHIEVE PROPER OPERATION OF THE FENESTRATION PRODUCTS, OR AS RECOMMENDED BY THE FENESTRATION MANUFACTURER. DO NOT OVER-SHIM. PRODUCTS SHALL NOT BE RACKED MORE THAN 1/8" OUT OF SQUARE FOR DIMENSIONS UP TO 4 FEET OR MORE THAN 3/16" FOR DIMENSIONS GREATER THAN 4 FEET. REFER TO THE MANUFACTURER'S INSTRUCTIONS FOR UNIT SHIMMING REQUIREMENTS.
C. WINDOWS WITH PERIMETER MOUNTING FLANGES SHALL BE INSTALLED WITH FLASHING, WHICH SHALL BE APPLIED SO AS TO INTEGRATE WITH THE FLANGES ON THE WINDOW UNIT AND WITH THE W.R.B. MATERIALS IN A HORIZONTAL SHINGLE-LAP MANNER.
D. APPLY THE W.R.B. IN WATER SHEDDING FASHION, STARTING AT THE BASE OF THE WALL AND WORKING TOWARDS THE TOP. INSTALL THE W.R.B. TO THE FACE OF THE BUILDING SHEATHING FLUSH WITH THE ROUGH OPENING OF THE WINDOW HEAD, JAMBS, AND SILL.
E. REFER TO FLASHING INSTALLATION SEQUENCE FOR MORE INFORMATION.

18 EXTERIOR WINDOW JAMB AT BRICK
SCALE: 3" = 1'-0"

13 WINDOW HEAD AT F.C.TRIM & BRICK
SCALE: 3" = 1'-0"



17 WINDOW HEAD AT BRICK
SCALE: 3" = 1'-0"

11 WINDOW SILL AT F.C. TRIM & BRICK
SCALE: 3" = 1'-0"

16 WINDOW SILL AT BRICK
SCALE: 3" = 1'-0"

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

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PERMIT: 09-02-2016

SHEET CONTENTS:
UNIT WINDOW SCHEDULE, NOTES, & DETAILS

SHEET NO.
A2.02

15557

FLASHING INSTALLATION SEQUENCE

FLASHING SYSTEMS INSTALLATION GUIDELINES FOR RECTANGULAR INTEGRAL FLANGED WINDOWS AFTER WATER-RESISTIVE BARRIER (WRB) IS INSTALLED

STEP 1

PREPARE WRB FOR WINDOW INSTALLATION:

A. MAKE AN "I-CUT" (STANDARD I-CUT) IN WRB (MODIFIED I-CUT IS ALSO ACCEPTED). FOR AN "I-CUT", BEGIN WITH A HORIZONTAL CUT ACROSS THE BOTTOM AND THE TOP OF THE WINDOW FRAME (FOR ROUND TOP WINDOWS, THE CUT SHOULD BEGIN ABOVE THE MULL JOINT). FROM THE CENTER, CUT STRAIGHT DOWN TO THE SILL.

B. CUT TWO 45 DEGREE SLITS A MINIMUM OF 8" EXTENDING FROM THE CORNER OF THE WINDOW HEAD, UP AND AWAY FROM THE WINDOW OPENING. THIS WILL CREATE A FLAP ABOVE THE ROUGH OPENING TO EXPOSE SHEATHING OR FRAMING MEMBERS TO ALLOW HEAD FLASHING INSTALLATION (SEE STEP 3). FLIP HEAD FLAP UP AND TEMPORARILY SECURE WITH ADHESIVE TAPE. NOTE: SOME WINDOWS AND FLASHING WIDTHS MAY REQUIRE LONGER SLITS.

C. FOLD SIDE FLAPS INTO ROUGH OPENING AND SECURE TO INSIDE WALL. CUT OFF EXCESS FLAPS IF DESIRED.

STEP 2

A. APPLY FIELD APPLIED FLANGES IN THE CORRECT SHINGLING FASHION PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
B. CUT 3" x 3" PIECE OF FLEX WRAP.
C. APPLY FLEX WRAP PATCHES TO BACK OF FLANGE CORNERS BEFORE APPLYING FLASHING.
D. STAPLE PATCHES IN CORNERS AND SECURE TO WOODEN HEAD AND JAMBS.

STEP 3

A. CUT FLEX WRAP AT LEAST 12" LONGER THAN WIDTH OF ROUGH OPENING SILL (S).
B. REMOVE FIRST PIECE OF RELEASE PAPER, COVER HORIZONTAL SILL BY ALIGNING INSIDE EDGE OF SILL, AND ADHERE INTO ROUGH OPENING ALONG SILL AND UP JAMBS (MIN 6" ON EACH SIDE).
C. REMOVE SECOND RELEASE PAPER.
D. FAN OUT FLEX WRAP AT BOTTOM CORNERS ONTO FACE OF WALL. COVERAGE OF FLEX WRAP SHOULD BE 2" TO 3" ONTO THE FACE OF THE WALL.

STEP 4

A. PREPARE HEAD FLASHING BY CUTTING A PIECE OF STRAIGHT FLASH AT LEAST TWELVE (12) INCHES LONGER THAN THE HEAD LENGTH.
B. BREAK THE SCORED RELEASE PAPER ON ONE SIDE OF THE HEAD FLASHING BY FOLDING IT BACK AND FORTH UPON ITSELF.
C. CENTER THE STRAIGHT FLASH ON THE WINDOW HEAD AND POSITION SO THAT IT CONTACTS THE WINDOW FRAME AND INTERIOR SIDE OF THE BRICK MOLD OR FLANGE. REMOVE THE OUTER RELEASE PAPER AND ADHERE THE FLASHING TO THE WINDOW FRAME. USE THE INNER RELEASE PAPER TO FORM A TIGHT SEAL IN THE CORNER.
D. REMOVE THE INNER RELEASE PAPER AND ADHERE THE FLASHING TO THE BACK OF THE BRICK MOLD OR FLANGE.
E. BEGINNING AT THE JUNCTION OF THE JAMB AND HEAD, AND AWAY FROM THE CORNER, CUT THE STRAIGHT FLASH AT A 45° ANGLE.
F. FOLD THE NEWLY CREATED FLASHING FLAP DOWN FLAT AGAINST THE BRICK MOLD OR FLANGE.
G. FOLD REMAINING HEAD FLASHING FLAPS DOWN ONTO THE JAMB FRAME.

FLASHING INSTALLATION SEQUENCE

STEP 5

A. PREPARE JAMB FLASHING BY CUTTING A PIECE OF STRAIGHT FLASH AT LEAST SIX (6) INCHES LONGER THAN THE JAMB.
B. BREAK THE SCORED RELEASE PAPER ON ONE SIDE OF THE JAMB FLASHING BY FOLDING IT BACK AND FORTH UPON ITSELF.
C. POSITION SO THAT STRAIGHT FLASH CONTACTS THE WINDOW FRAME AND INTERIOR SIDE OF THE BRICK MOLD OR FLANGE. ENSURE THAT THE JAMB FLASHING IS POSITIONED 1-1/2 INCH BELOW THE TOP EDGE OF THE HEAD FLASHING. JAMB FLASHING ADHESIVE MUST COME IN CONTACT WITH HEAD FLASHING ADHESIVE AND OVERLAP BY ONE INCH.
D. REMOVE THE OUTER RELEASE PAPER AND ADHERE THE FLASHING TO THE WINDOW FRAME. USE THE INNER RELEASE PAPER TO FORM A TIGHT SEAL IN THE CORNER.
D. REMOVE THE INNER RELEASE PAPER AND ADHERE THE FLASHING TO THE BACK OF THE BRICK MOLD OR FLANGE.
E. REPEAT ON OPPOSITE JAMB.

STEP 6

A. BEGINNING AT THE JUNCTION OF THE JAMB AND HEAD, AND AWAY FROM THE CORNER, CUT THE STRAIGHT FLASH AT 45° ANGLE. REPEAT THIS PROCEDURE AT THE JUNCTION OF THE SILL AND JAMB.
B. FOLD CUT JAMB, SILL AND HEAD CORNERS FLASHING PARALLEL TO THE WINDOW FRAME SO THAT THE JAMB FLASHING LIES FLAT.
C. FOLD THE REMAINING FLAPS DOWN AT CORNER AND ADHERE TO THE WINDOW FRAME.

STEP 7

A. IF SEALANT IS APPLIED TO THE SILL, ENSURE THAT THERE ARE TWO (2) 2" GAPS IN THE SEALANT BEAD FOR EVERY 4' OF WINDOW TO ALLOW FOR DRAINAGE USING RESIDENTIAL SEALANT, COMMERCIAL SEALANT OR RECOMMENDED SEALANT AS SHOWN BELOW.
B. INSTALL THE WINDOW PER MANUFACTURER'S INSTRUCTIONS.
C. REMOVE THE REMAINING RELEASE PAPER FROM THE STRAIGHT FLASH JAMB FLASHING AND PRESS FIRMLY TO ADHERE IT TO THE WRB.
D. REMOVE THE RELEASE PAPER AT THE HEAD AND ADHERE IT TO THE WALL SURFACE.

STEP 8

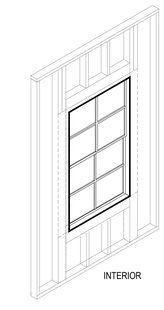
A. OPTIONAL: COVER EXPOSED BUTYL WITH FLASHING TAPE.
B. OPTIONAL: CUT A PIECE OF METAL OR VINYL DRIP CAP SLIGHTLY LONGER THAN THE WIDTH OF THE WINDOW AND PLACE A BEAD OF RESIDENTIAL SEALANT., COMMERCIAL SEALANT OR RECOMMENDED SEALANT ON THE REAR SIDE. INSTALL THE DRIP CAP TIGHT AGAINST THE WINDOW HEAD AND COVER THE TOP EDGE WITH STRAIGHT FLASH OR FLASHING TAPE.
C. FLIP DOWN UPPER FLAP OF WRB SO IT LAYS FLAT ACROSS HEAD FLASHING.
D. TAPE SEAMS AS SHOWN. DO NOT TAPE AT BOTTOM OF WINDOW, AT THE HEAD, CONTINUOUS TAPE SEAMS AS SHOWN WITH TAPE SKIP-TAPING AT THE HEAD IS ACCEPTABLE IF AN AIR BARRIER IS NOT REQUIRED OR IF ADDITIONAL DRAINAGE IS DESIRED.
E. TAPE DOWN DIAGONAL SEAMS OF WRB.

STEP 9

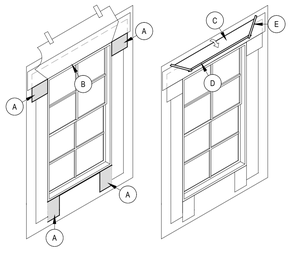
FINAL STEP

INSTALL RESIDENTIAL SEALANT, COMMERCIAL SEALANT OR RECOMMENDED SEALANT (AND BACKER ROD AS NECESSARY) AROUND THE WINDOW OPENING AT THE INTERIOR. IT IS ALSO ACCEPTABLE TO USE WINDOW & DOOR FOAM AR RECOMMENDED FOAM. THE SEAL CREATED BY THE SEALANT (AND BACKER ROD AS NECESSARY) OR FOAM WILL ALSO SERVE AS A BACK DAM. RESIDENTIAL SEALANT OR COMMERCIAL SEALANT SHOULD BE TOOLED FLAT TO ALLOW THE NATURAL CURING PROCESS TO CREATE A CONCAVE SHAPE. BE SURE THAT THE SEALANT PENETRATES THE GROOVES OF THE FLEX WRAP AROUND THE SILL.

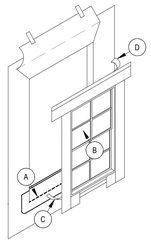
NOTE: INSTALLATIONS THAT SPECIFY A WINDOW/DOOR DESIGN RATING OF DP45 OR GREATER REQUIRE EXTRA PRECAUTIONS. SEE GENERAL INSTRUCTIONS FOR PERFORMANCE REQUIREMENTS EXCEEDING THIS DESIGN RATING.



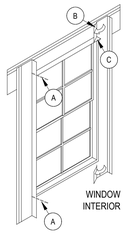
STEP - 9



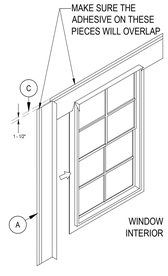
STEP - 8

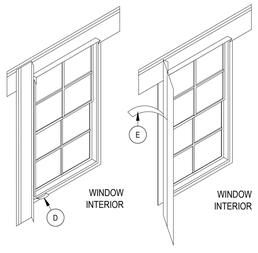


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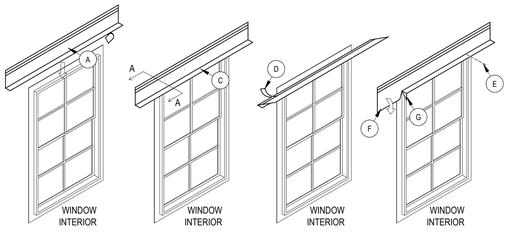


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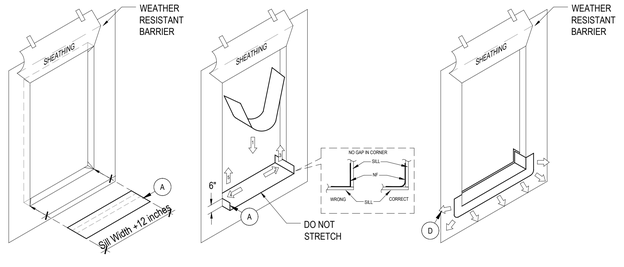




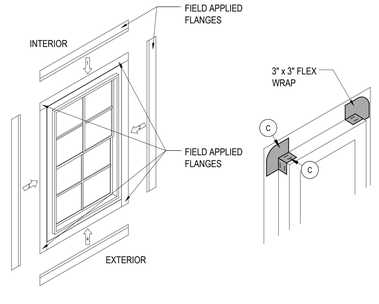
STEP - 5



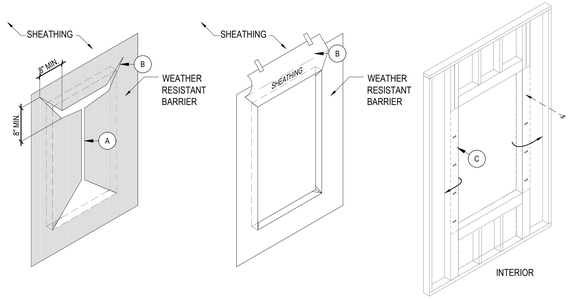
STEP - 4



STEP - 3



STEP - 2



STEP - 1

1 WINDOW FLASHING SEQUENCE
N.T.S.

AFTER WRB IS INST

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW COMMENTS
BY: ERIC M. RILEY, ARCHITECT

PERMIT: 09-02-2016

Designed by:	SB
Drawn by:	PV
Architect of Record:	TD
Date Plotted:	09/02/16
Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS

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absence of any written agreement to the con
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THE LOFTS AT
CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANTIS
Reg. No. 34743
STATE OF LOUISIANA
REGISTERED
ARCHITECT

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SHEET CONTENTS:
UNIT WINDOW
FLASHING SEQUENCE

SHEET NO.

A2.02a

15557

FLASHING INSTALLATION SEQUENCE

STEP 1

A. CLEAN SUBSTRATE OF ANY MATERIAL THAT COULD NEGATIVELY AFFECT ADHESION AS WELL AS ANY SHARP PROTRUSIONS. APPLY RECOMMENDED PRIMER ONTO THE SILL AND APPROXIMATELY 3" ONTO THE FACE OF THE WALL.

NOTE: IF APPLYING TO GYPSUM SHEATHING, THE CUT EDGE OF THE GYPSUM SHOULD BE PRIMED ON ALL FOUR SIDES PRIOR TO APPLICATION OF FLUID APPLIED FLASHING AND JOINT COMPOUND.

B. PREPARE THE SILL FLASHING BY CUTTING A PIECE OF SELF-ADHESIVE FLASHING THAT IS EQUAL TO THE SILL LENGTH. INSTALL THE SILL FLASHING. REMOVE RELEASE PAPER AND POSITION THE SELF-ADHESIVE FLASHING SO THAT 2" WILL EXTEND ONTO THE FACE OF THE WALL. WRAP FLASHING INTO THE ROUGH OPENING AT SILL AND ONTO THE FACE OF THE WALL

STEP 2

STARTING AT THE WINDOW HEAD, APPLY A BEAD OF FLUID APPLIED FLASHING AND JOINT COMPOUND ONTO THE INSIDE AND THE FACE OF THE ROUGH OPENING.

USE A TROWEL TO SMOOTH OUT FLASHING TO A THICKNESS OF APPROXIMATELY 25 MILS. THE FLASHING SHOULD COVER THE INSIDE OF THE ROUGH OPENING AND EXTEND A MINIMUM OF 2" ONTO THE FACE OF THE WALL.

CONTINUE THE APPLICATION PROCESS OUTLINED ABOVE FOR THE JAMBS AND THEN THE SILL. THE FLUID APPLIED FLASHING SHOULD BE APPLIED ON TOP OF THE SELF-ADHESIVE FLASHING ON THE SILL.

BE SURE ALL INSIDE CORNERS ARE FILLED AND INTEGRATED WITH FLASHING.
A CORNER TROWEL MAY BE USED TO SMOOTH OUTSIDE CORNERS.

STEP 3

A. UPON COMPLETION, INSPECT SURFACE TO ENSURE THAT FLUID APPLIED FLASHING AND JOINT COMPOUND IS CONTINUOUS AND FREE OF ANY VOIDS OR PINHOLES. LET FLASHING CURE FOR 24 HOURS BEFORE COATING WITH FLUID APPLIED WB.

B. INSTALL THE FLUID APPLIED WB UP TO THE EDGE OF THE ROUGH OPENING OVERLAPPING THE FLUID APPLIED FLASHING AND JOINT COMPOUND.

REFER TO THE CURRENT FLUID APPLIED WB– COMMERCIAL INSTALLATION GUIDELINES FOR APPLICATION INSTRUCTIONS.

STEP 4

A. AFTER FLUID APPLIED WB HAS CURED FOR 24 HRS. APPLY A CONTINUOUS BEAD OF SEALANT FOR FLUID APPLIED SYSTEM, OR RECOMMENDED SEALANT, AT THE WINDOW HEAD AND JAMBS TO WALL OR BACK SIDE OF WINDOW MOUNTING FLANGE.

DO NOT APPLY SEALANT ACROSS BOTTOM SILL FLANGE.

B. INSTALL FLANGED WINDOW PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. USE SPACERS BETWEEN THE BOTTOM WINDOW FLANGE AND THE FLASHING TO ALLOW FOR DRAINAGE.

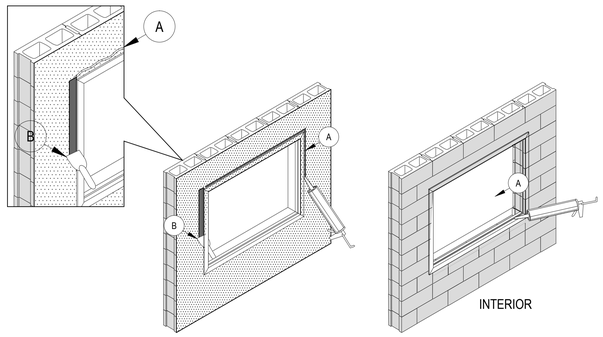
STEP 5

A. APPLY A CONTINUOUS BEAD OF FLUID APPLIED FLASHING AND JOINT COMPOUND ALONG THE INTERFACE BETWEEN THE WINDOW FLANGE AND THE WALL ON THE JAMBS AND HEAD OF THE WINDOW.

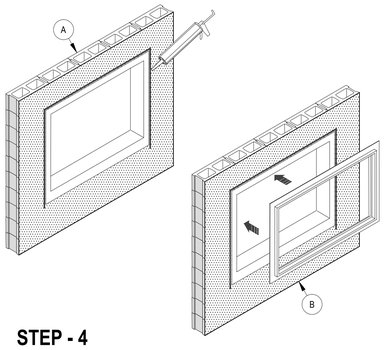
B. USE A TROWEL TO SMOOTH FLASHING TO APPROXIMATELY 2" WIDE X 60 MILS THICK. BE SURE THAT THE FLASHING EXTENDS 1" ON EITHER SIDE OF SEAM. UPON COMPLETION, INSPECT SURFACE TO ENSURE THAT FLUID APPLIED APPLICATION IS CONTINUOUS AND FREE OF ANY VOIDS OR PINHOLES.

C. CREATE A CONTINUOUS PERIMETER SEAL BETWEEN THE INTERIOR OF THE WINDOW AND THE FLASHING USING BACKER ROD AND SEALANT FOR FLUID APPLIED SYSTEM OR AN RECOMMENDED SEALANT ALONG ALL FOUR SIDES OF THE WINDOW. WHEN THE FACADE IS COMPLETE, PLACE A CONTINUOUS SEALANT BEAD INTEGRATING THE WINDOW TO THE FACADE.

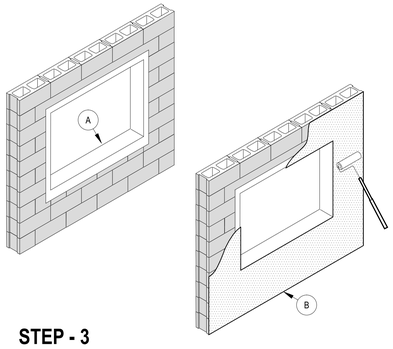
NOTE: REFER TO THE FLANGED WINDOW CAD DETAILS FOR MORE DETAILED INFORMATION.



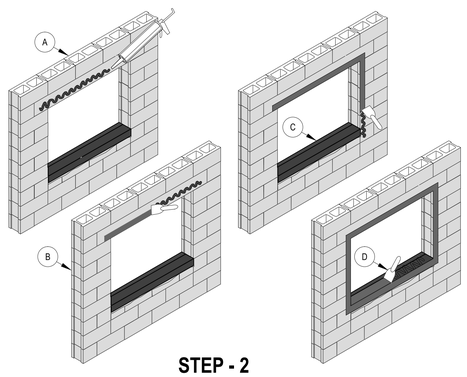
STEP - 5



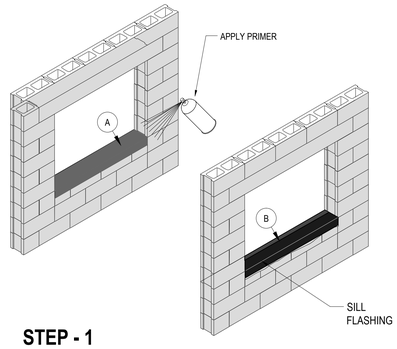
STEP - 4



STEP - 3



STEP - 2



STEP - 1

1 WINDOW FLASHING SEQUENCE
N.T.S. LIQUID APPLIED FLASHING WITH FLUID APPLIED WEATHER BARRIER

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 5/27/2016

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
Reg. No. 31967
STATE OF LOUISIANA
REGISTERED ARCHITECT

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PERMIT: 09-02-2016

SHEET CONTENTS:
WINDOW
FLASHING SEQUENCE

SHEET NO.
2.02b

15557

FLASHING INSTALLATION SEQUENCE

STEP 1

A. CLEAN SUBSTRATE OF ANY MATERIAL THAT COULD NEGATIVELY AFFECT ADHESION AS WELL AS ANY SHARP PROTRUSIONS. APPLY DUPONT RECOMMENDED PRIMER ONTO THE SILL AND APPROXIMATELY 3" ONTO THE FACE OF THE WALL.

NOTE: IF APPLYING TO GYPSUM SHEATHING, THE CUT EDGE OF THE GYPSUM SHOULD BE PRIMED ON ALL FOUR SIDES PRIOR TO APPLICATION OF FLUID APPLIED FLASHING AND JOINT COMPOUND.

B. PREPARE THE SILL FLASHING BY CUTTING A PIECE OF SELF-ADHESIVE FLASHING THAT IS EQUAL TO THE SILL LENGTH. INSTALL THE SILL FLASHING. REMOVE RELEASE PAPER AND POSITION SELF-ADHESIVE FLASHING SO THAT 2" WILL EXTEND ONTO THE FACE OF THE WALL. WRAP FLASHING INTO THE ROUGH OPENING AT SILL AND ONTO THE FACE OF THE WALL.

STEP 2

STARTING AT THE WINDOW HEAD, APPLY A BEAD OF FLUID APPLIED FLASHING AND JOINT COMPOUND ONTO THE INSIDE AND THE FACE OF THE ROUGH OPENING. USE A TROWEL TO SMOOTH OUT FLASHING TO A THICKNESS OF APPROXIMATELY 25 MILS.

THE FLASHING SHOULD COVER THE INSIDE OF THE ROUGH OPENING AND EXTEND A MINIMUM OF 2" ONTO THE FACE OF THE WALL.

CONTINUE THE APPLICATION PROCESS OUTLINED ABOVE FOR THE JAMBS AND THEN THE SILL. THE FLUID APPLIED FLASHING SHOULD BE APPLIED ON TOP OF THE SELF-ADHESIVE FLASHING ON THE SILL.

BE SURE ALL INSIDE CORNERS ARE FILLED AND INTEGRATED WITH FLASHING. A CORNER TROWEL MAY BE USED TO SMOOTH OUTSIDE CORNERS

STEP 3

A. UPON COMPLETION, INSPECT SURFACE TO ENSURE THAT FLUID APPLIED FLASHING AND JOINT COMPOUND IS CONTINUOUS AND FREE OF ANY VOIDS OR PINHOLES. LET FLASHING CURE FOR 24 HOURS BEFORE COATING WITH FLUID APPLIED WB.

B. INSTALL FLUID APPLIED WB UP TO THE EDGE OF THE ROUGH OPENING OVERLAPPING THE FLUID APPLIED FLASHING AND JOINT COMPOUND.

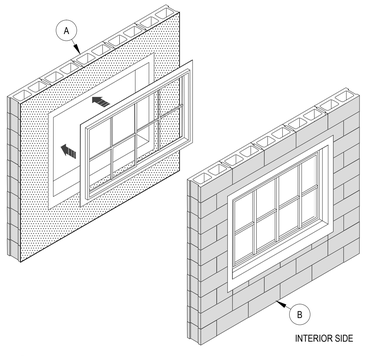
REFER TO THE CURRENT FLUID APPLIED WB – COMMERCIAL INSTALLATION GUIDELINES FOR APPLICATION INSTRUCTIONS.

STEP 4

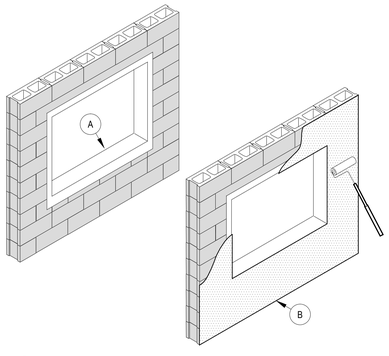
A. INSTALL STOREFRONT WINDOW PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

B. CREATE A CONTINUOUS PERIMETER SEAL BETWEEN THE INTERIOR OF THE WINDOW AND THE FLASHING USING BACKER ROD AND SEALANT FOR FLUID APPLIED SYSTEM, OR RECOMMENDED SEALANT, ALONG ALL FOUR SIDES OF THE WINDOW. WHEN THE FACADE IS COMPLETE, PLACE A CONTINUOUS SEALANT BEAD INTEGRATING THE WINDOW TO THE FACADE.

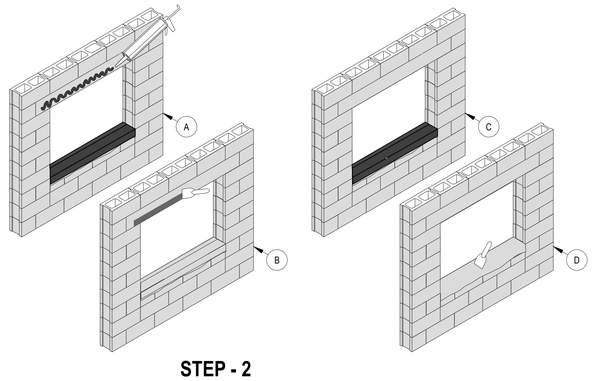
NOTE: REFER TO THE STOREFRONT WINDOW CAD DETAILS FOR MORE DETAILED INFORMATION.



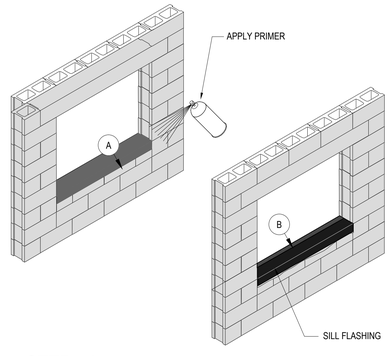
STEP - 4



STEP - 3



STEP - 2



STEP - 1

1 STOREFRONT FLASHING SEQUENCE
N.T.S. LIQUID APPLIED FLASHING WITH FLUID APPLIED WEATHER BARRIER

PERMIT: 09-02-2016

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 5/27/2016

Issue for Pricing / Bidding:	09/02/16
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Revisions:

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LOFTS AT CANTERBURY, LLC

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No. 34210
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REGISTERED ARCHITECT

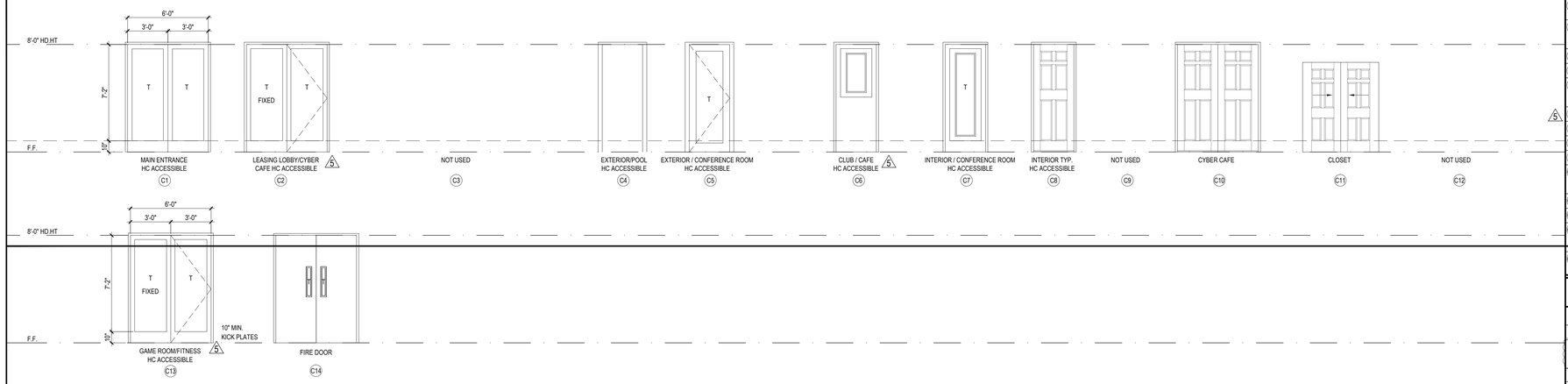
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SHEET CONTENTS:
STOREFRONT FLASHING SEQUENCE

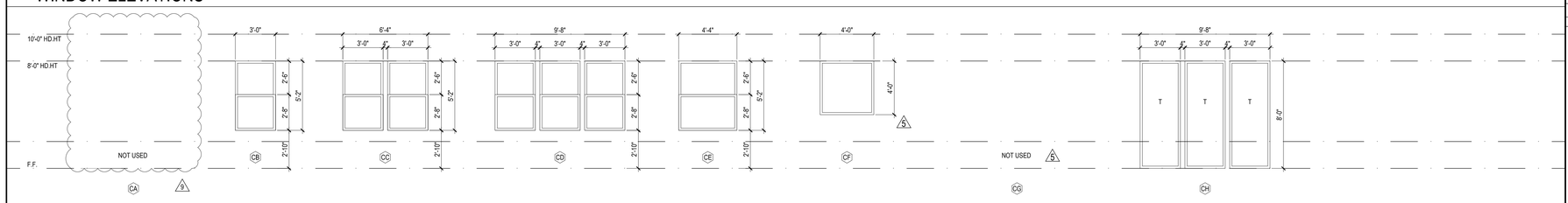
SHEET NO.
A2.02c

15557

DOOR ELEVATIONS



WINDOW ELEVATIONS



DOOR SCHEDULE

◯ DENOTES DOOR

MK	DOOR OPENING	THK	DESCRIPTION	REMARKS	FRAME	HDW SET NO.
C1	(2) 3'-0" X 8'-0"	1-3/4"	EXT. MTL. INSUL.	TEMPERED GLASS PROVIDE PANIC HARDWARE	WD - NR	00.0, 2.0
C2	6'-0" X 8'-0"	1-3/4"	EXT. MTL. INSUL.	3'-0" W 3'-0" FIXED SIDELIGHT, TEMPERED GLASS 5	WD - NR	00.0, 2.0
C3	NOT USED					
C4	3'-0" X 8'-0"	1-3/4"	EXT. MTL. INSUL.		WD - NR	5.0
C5	3'-0" X 8'-0"	1-3/4"	EXT. MTL. INSUL.	TEMPERED GLASS	WD - NR	1.0
C6	3'-0" X 8'-0"	1-3/8"	INT. H.C.	TEMPERED GLASS	WD - NR	6.0
C7	3'-0" X 8'-0"	1-3/8"	INT. H.C.	TEMPERED GLASS	WD - NR	6.0
C8	3'-0" X 8'-0"	1-3/8"	INT. H.C.	6 RAISED PANEL	WD - NR	7.0, 4.0 AT MECH.
C9	NOT USED					
C10	(2) 3'-0" X 8'-0"	1-3/8"	INT. H.C.	6 RAISED PANEL, OPENS BOTH DIRECTIONS FOR EGRESS	WD - NR	15.0
C11	(2) 2'-10" X 6'-8"	1-3/4"	INT. H.C.	SLIDING DOOR	WD - NR	3.0
C12	NOT USED					
C13	(2) 3'-0" X 8'-0"	1-3/4"	EXT. MTL. INSUL.	3'-0" W 3'-0" FIXED SIDELIGHT, TEMPERED GLASS 5	20 MIN.	00.0, 2.0
C14	(2) 3'-0" X 8'-0"	1-3/4"	EXT. MTL. INSUL.	20 MINUTE FIRE RATED - W/VISION PANEL; MAGNETIC HOLD OPEN HDW	20 MIN.	16.0

WINDOW SCHEDULE

⬡ DENOTES WINDOW

MK	WINDOW SIZE	DESCRIPTION	REMARKS	HEAD HT.
CA	NOT USED			
9				
CB	3'-0" X 5'-2"	VINYL	1 LITE OVER 1 LITE, SINGLE HUNG	8'-0"
CC	(2) 3'-0" X 5'-2"	VINYL	2 LITES OVER 2 LITES, SINGLE HUNG	8'-0"
CD	(3) 3'-0" X 5'-2"	VINYL	3 LITES OVER 3 LITES, SINGLE HUNG	8'-0"
CE	4'-4" X 5'-2"	VINYL	1 LITE OVER 1 LITE, SINGLE HUNG	8'-0"
CF	4'-0" X 4'-0"	VINYL	FIXED	8'-0"
CG	NOT USED		5	
CH	(3) 3'-0" X 8'-0"	STOREFRONT	TEMPERED	8'-0"

ABBREVIATIONS:

F - DENOTES FIXED WINDOW
T - DENOTES TEMPERED GLASS
(REFER TO UNIT PLANS FOR LOCATIONS)

EXT. MTL. INSUL. EXTERIOR METAL INSULATED
INT. MTL. INTERIOR HOLLOW METAL
HM - NR HOLLOW METAL - NON RATED

* PER SECTION 24.06 FIRE PROTECTION RATED GLAZING CONFORMING TO THE OPENING PROTECTION REQUIREMENTS IN TABLE 24.06 SHALL BE PERMITTED IN FIRE DOOR ASSEMBLIES.

FIRE RATED GLAZING TO BE TESTED AS PART OF A FIRE-RESISTANCE - RATED WALL ASSEMBLY IN ACCORDANCE WITH ASTME 119 OR UL263 AND LABELED IN ACCORDANCE WITH IBC 2012 SECTION 703.5

REFER TO PROJECT MANUAL FOR DOOR HARDWARE SETS

NOTES:
1. ALL PUBLIC AREA DOORS AND UNIT ENTRY DOORS TO HAVE MIN. 10" FLUSH SURFACE AT BOTTOM.
2. REFER TO SHEETS A2.01 & A2.02 FOR ADDITIONAL NOTES AND DETAILS.
3. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2" IN HEIGHT.

INSTALL FIBERGLASS DOORS PER MANUFACTURER'S SPECIFICATIONS 5

9 NOT USED
SCALE: 3" = 1'-0"

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding: 09/02/16
Issue for Permit Application: 09/02/16
Issue for Construction XX/XX/XX
Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
2	10/16/2017	RFI 27
5	01/19/2018	VE REVISIONS
9	05/11/2018	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
No. 34,743
STATE OF LOUISIANA
REGISTERED ARCHITECT

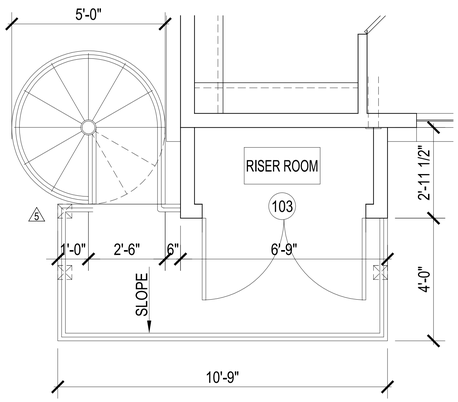
HUMPHREYS & PARTNERS
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504.717.4700 - F: 504.568.7762
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SHEET CONTENTS:
CLUBHOUSE & COMMON AREA
DOOR & WINDOW SCHEDULE

SHEET NO.
A2.03

ASI 004: 05-21-2018

15557



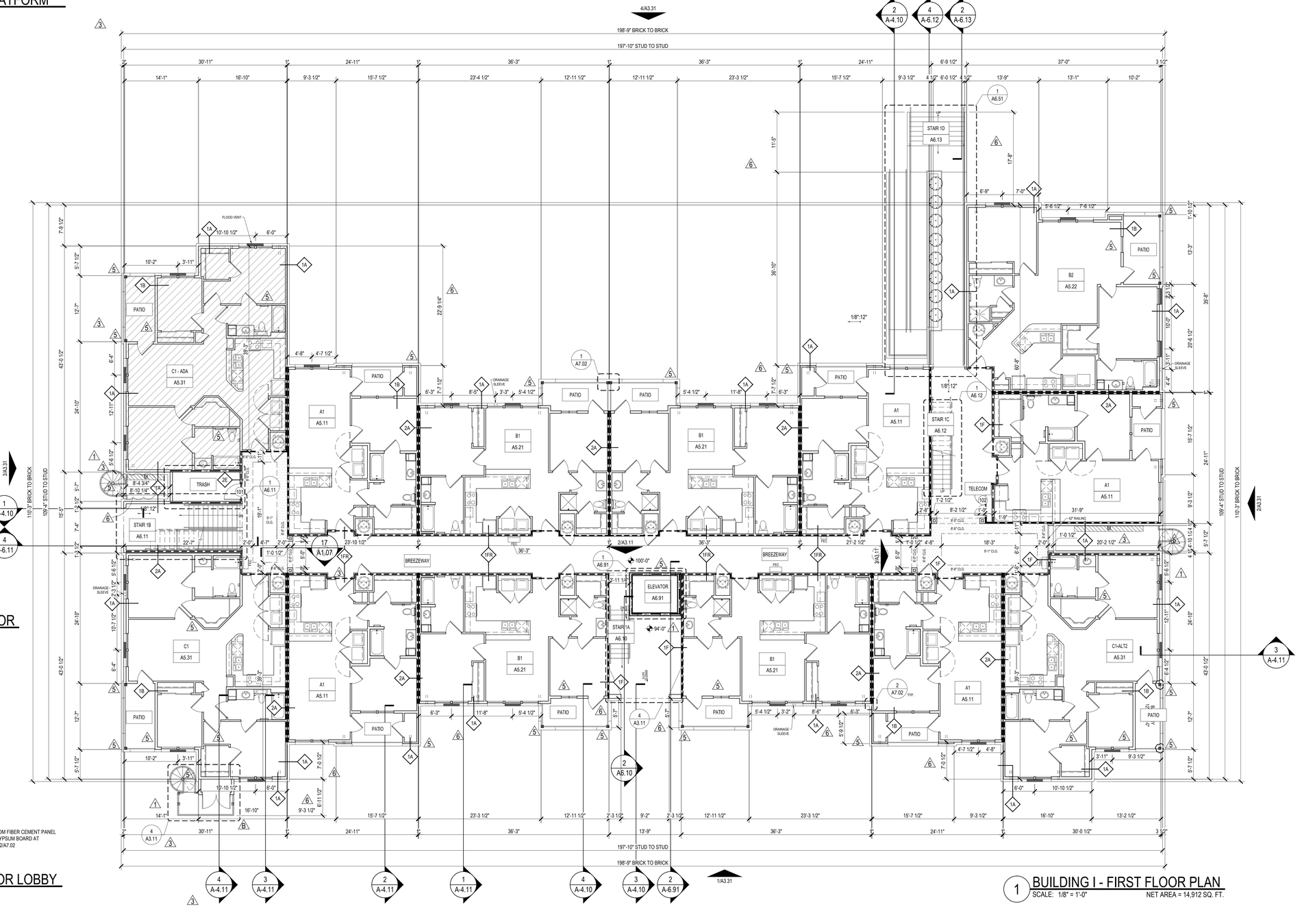
4 ENLARGED RISER ROOM & PLATFORM
SCALE: 1/2" = 1'-0"

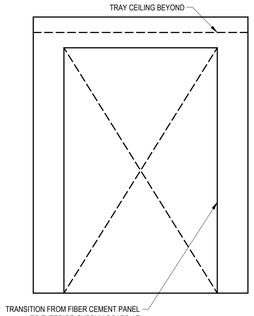
GENERAL BLDG NOTES

1. PROVIDE A BROOM FINISH AT ALL SLOPED CONCRETE SURFACES. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
2. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 2% SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
3. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. REF A2.01 AND A2.03 FOR TYPICAL DOOR THRESHOLD FOR COMMON AREAS.
4. FOR UNIT INTERIOR WALL TYPES REFER TO A500s UNIT SHEETS.
5. METER, RISER, AND TELECOM ARE LOCATED ON THE BUILDING PLANS FOR REFERENCE ONLY. REFER TO CIVIL AND MEP AND TELECOM PLANS FOR THE ACTUAL METER AND EQUIPMENT SIZE AND LOCATION.
6. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75' IN CORRIDORS. MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER.
7. EXTERIOR FINISHES TO CONTINUE INTO CORRIDOR. TERMINATE FINISHES AT PILASTERS SEPARATING INNER CORRIDOR FROM TRAY CEILING. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
8. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30' MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS, EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50' IN EITHER DIRECTION. CONTROL JOINTS SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING, FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.
9. WHERE AN ELEVATOR OR STAIR EXIT IS WITHIN 21'-0" OF AN ALCOVE, CORNER OR OTHER POTENTIAL HIDING PLACE, POSITION A REFRACTING MIRROR TO ALLOW SOMEONE IN THE EXIT DOORWAY TO OBSERVE IN THE MIRROR THE AREA AROUND THE CORNER OR WITHIN THE ALCOVE THAT IS ADJACENT TO THE DOORWAY
10. REFER TO SHEET A3.21-A3.23 FOR ROOF NOTES AND LEGENDS.
11. REFER TO ROOF PLAN LEGEND ON SHEET A3.21-A3.23 FOR LOWER ROOF SYMBOLS.
12. AT ANY LOCATION IN AN OPEN-ENDED CORRIDOR WHERE A CHANGE OR DIRECTION EXCEEDING 45 DEGREES OCCURS, A CLEAR OPENING OF NOT LESS THAN 35 SQUARE FEET, OR AN EXTERIOR STAIRWAY OR RAMP SHALL BE PROVIDED. WHERE CLEAR OPENINGS ARE PROVIDED, THEY SHALL BE LOCATED SO AS TO MINIMIZE THE ACCUMULATION OF SMOKE OR TOXIC GASES, PER IBC.
13. AT UNITS INDICATED ADA, PROVIDE ACCESSIBLE INTERCOM DETAILS. (9)
14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

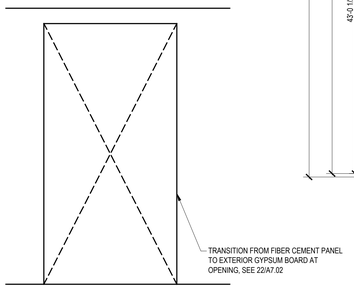
SYMBOL LEGEND - FLOOR PLANS

- X/AX.XX — EXTERIOR ELEVATION TAG
- X/AX.XX — WALL SECTION TAG
- 1 / AX.XX — DETAIL SECTION TAG
- 1A — PARTITION WALL TAG; DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05
- FURRDOWN
- ADA UNITS
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- M — METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- X — DOOR TAG SYMBOL
- X — WINDOW TAG SYMBOL
- 2-HR FIRE BARRIER (1)
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- 1 — BUILDING NUMBER
- AX — UNIT TYPE
- AX.XX — SHEET NUMER
- 0000 — ADDRESS NUMBER
- 100'-0" — FINISHED FLOOR ELEVATION REFER TO CIVIL
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA





3 TYPICAL OPENING AT CORRIDOR
SCALE: 1/2" = 1'-0"



2 TYPICAL OPENING AT ELEVATOR LOBBY
SCALE: 1/2" = 1'-0"

1 BUILDING I - FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 14,912 SQ. FT.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
8	09/20/2017	REVISION
5	11/10/2017	ASI 1
5	01/15/2018	VE REVISIONS
6	04/05/2018	RFI 32-R
9	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TARA A. DESANDRO
LA. No. 34797
STATE OF LOUISIANA
REGISTERED ARCHITECT

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SHEET CONTENTS:
BUILDING TYPE I
FIRST FLOOR PLAN

SHEET NO.
A3.11

15557

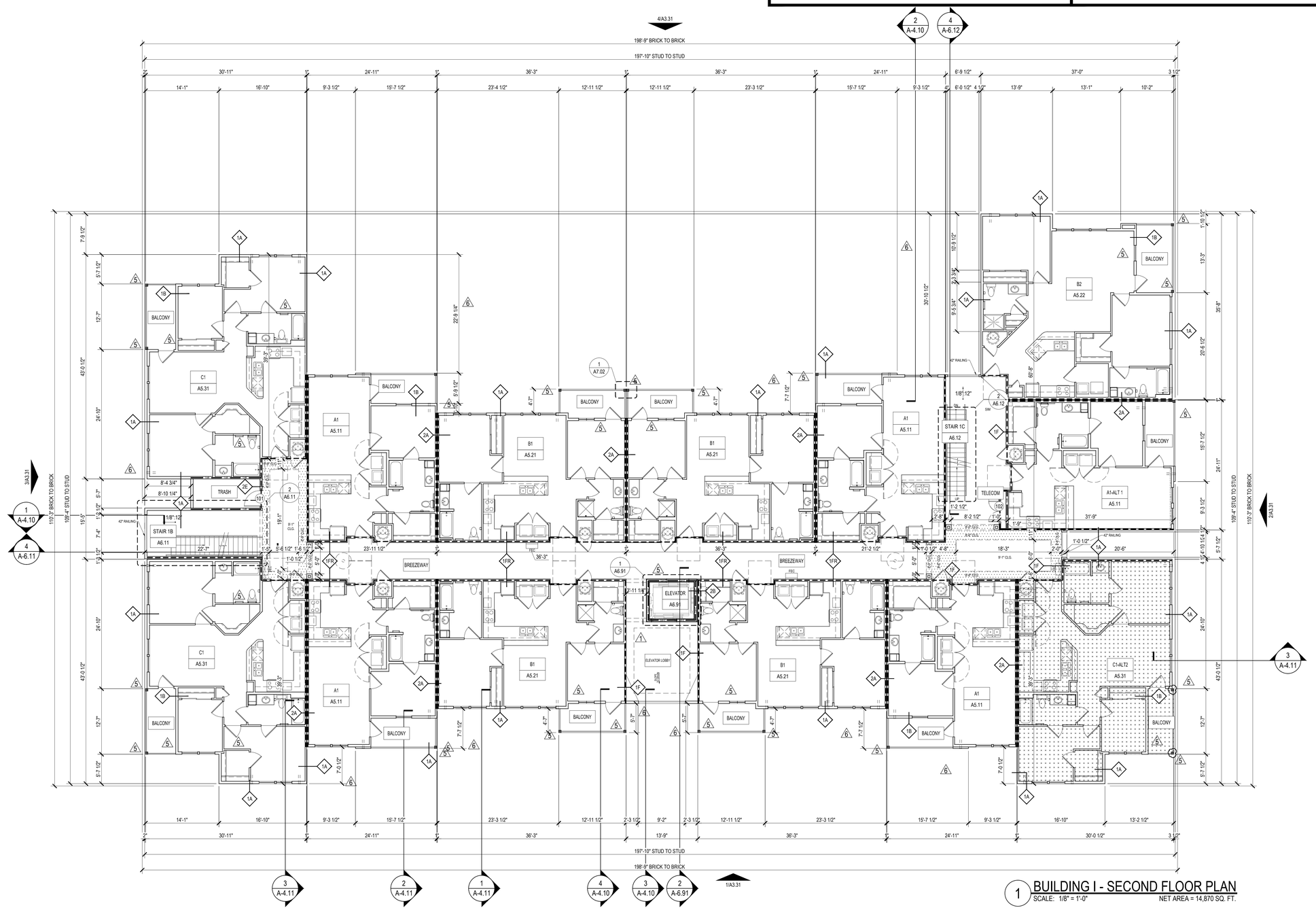
ASI 004: 05-21-2018

GENERAL BLDG NOTES

1. PROVIDE A BROOM FINISH AT ALL SLOPED CONCRETE SURFACES. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
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13. AT UNITS INDICATED ADA, PROVIDE ACCESSIBLE INTERCOM DETAILS. 9/A
14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG — DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05 (1A)
- FURRDOWN
- ADA UNITS (A)
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- METER (M)
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27" (FEC)
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER (1)
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



1 BUILDING I - SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0" NET AREA = 14,870 SQ. FT.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18
Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
5	01/19/2018	VE REVISIONS
6	04/05/2018	RFI 32-R
9	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DesJARDINS
Reg. No. 19421
STATE OF LOUISIANA
LICENSED ARCHITECT

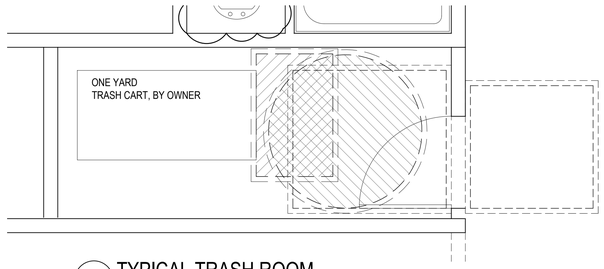
HUMPHREYS & PARTNERS
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SHEET CONTENTS:
BUILDING TYPE I
SECOND FLOOR PLAN

SHEET NO.
A3.12

ASI 004: 05-21-2018

15557



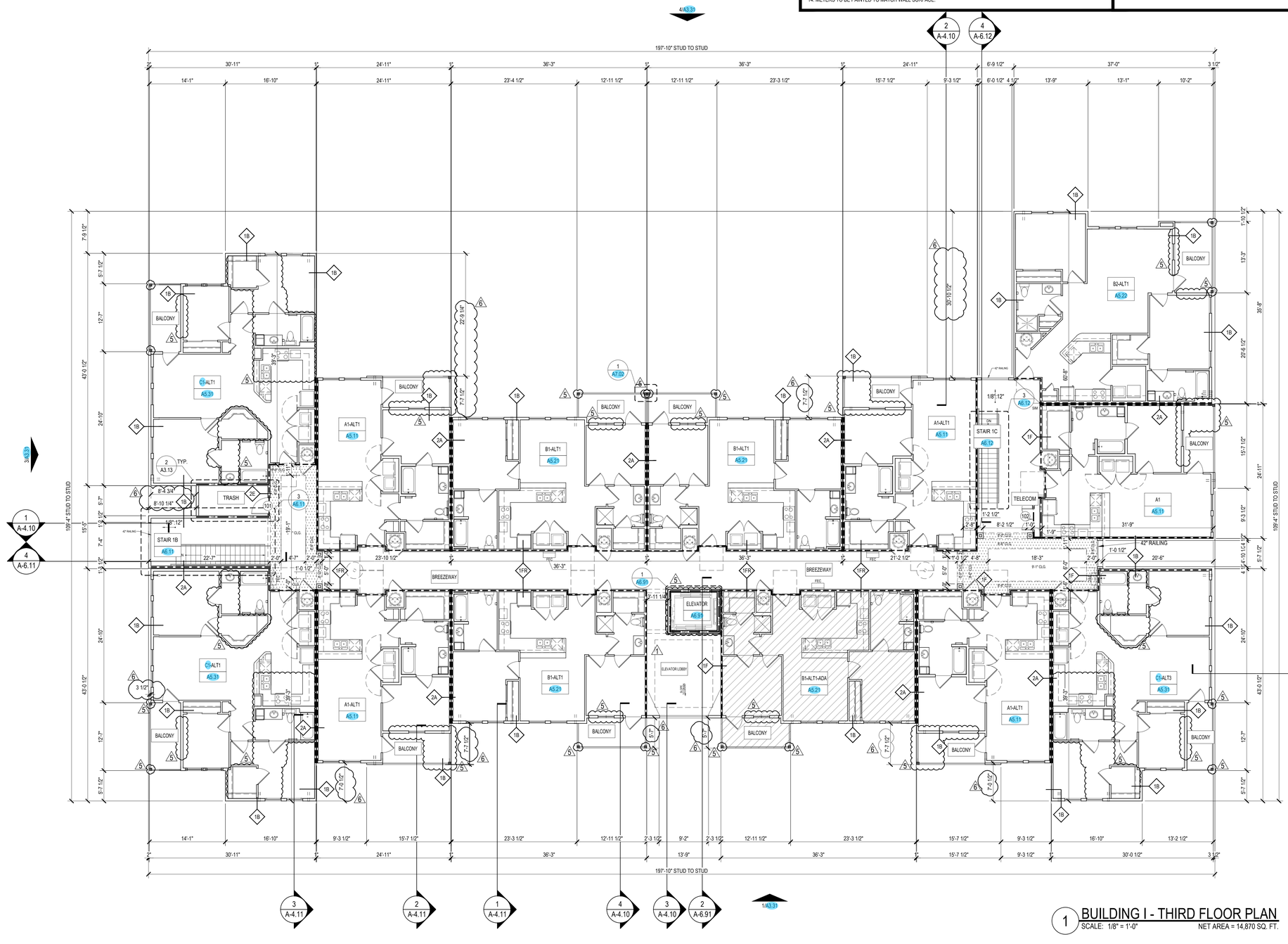
2 TYPICAL TRASH ROOM
SCALE: 1/2" = 1'-0"

GENERAL BLDG NOTES

1. PROVIDE A BROOM FINISH AT ALL SLOPED CONCRETE SURFACES. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
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10. REFER TO SHEET A3.21-A3.29 FOR ROOF NOTES AND LEGENDS.
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13. AT UNITS INDICATED ADA, PROVIDE ACCESSIBLE INTERCOM DETAILS AS INDICATED ON A500s.
14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG — DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05 (1A)
- FURRDOWN
- ADA UNITS
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER (1)
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



1 BUILDING I - THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 14,870 SQ. FT.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
5	01/19/2018	VE REVISIONS
6	04/05/2018	RFI 32-R

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DESANDRO
Reg. No. 35421
REGISTERED
ARCHITECT
STATE OF LOUISIANA

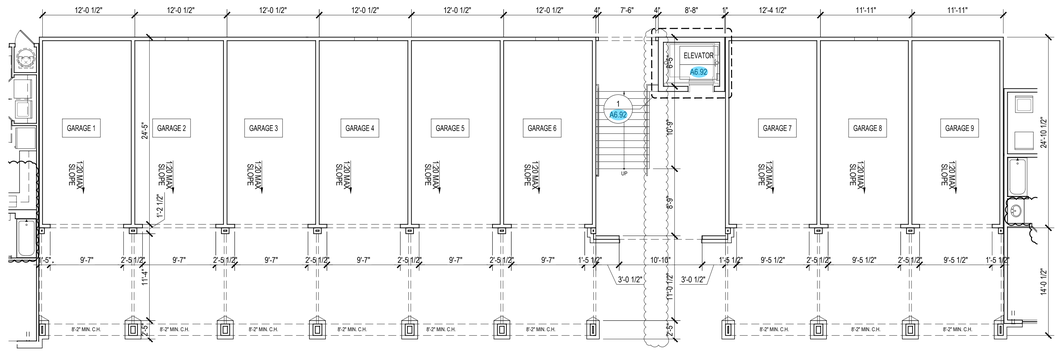
HUMPHREYS & PARTNERS
ARCHITECTS / LOUISIANA, LLC
603 JULIA STREET NEW ORLEANS · LA 70130
504.717.4700 · F: 504.586.7762
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SHEET CONTENTS:
BUILDING TYPE I
THIRD FLOOR PLAN

SHEET NO.
A3.13

PERMIT: 09-02-2016

15557



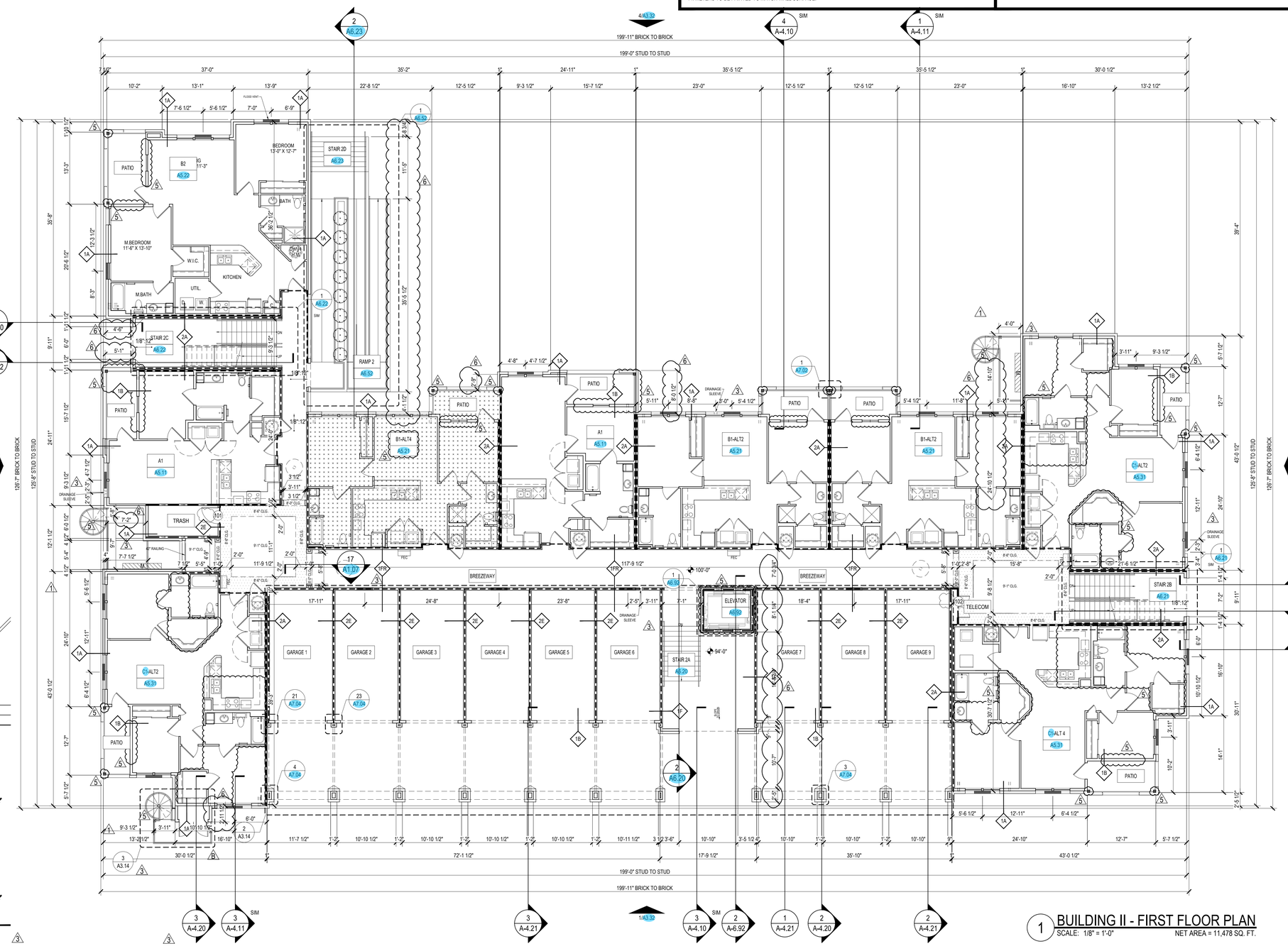
2 GARAGE - GROUND LEVEL
SCALE: 1/8" = 1'-0"

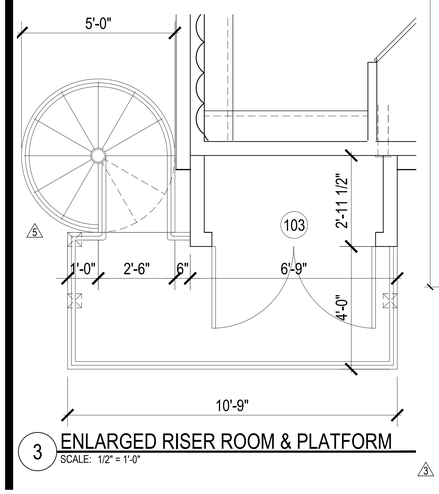
GENERAL BLDG NOTES

1. PROVIDE A BROOM FINISH AT ALL SLOPED CONCRETE SURFACES. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
2. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 2% SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
3. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. REF A2.01 AND A2.03 FOR TYPICAL DOOR THRESHOLD FOR COMMON AREAS.
4. FOR UNIT INTERIOR WALL TYPES REFER TO A500s UNIT SHEETS.
5. METER, RISER, AND TELECOM ARE LOCATED ON THE BUILDING PLANS FOR REFERENCE ONLY. REFER TO CIVIL AND MEP AND TELECOM PLANS FOR THE ACTUAL METER AND EQUIPMENT SIZE AND LOCATION.
6. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75' IN CORRIDORS. MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER.
7. EXTERIOR FINISHES TO CONTINUE INTO CORRIDOR. TERMINATE FINISHES AT PILASTERS SEPARATING INNER CORRIDOR FROM TRAY CEILING. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
8. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30' MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS, EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50' IN EITHER DIRECTION. CONTROL JOINTS SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING, FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.
9. WHERE AN ELEVATOR OR STAIR EXIT IS WITHIN 21'-0" OF AN ALCOVE, CORNER OR OTHER POTENTIAL HIDING PLACE, POSITION A REFRACTING MIRROR TO ALLOW SOMEONE IN THE EXIT DOORWAY TO OBSERVE IN THE MIRROR THE AREA AROUND THE CORNER OR WITHIN THE ALCOVE THAT IS ADJACENT TO THE DOORWAY
10. REFER TO SHEET A3.21-A3.29 FOR ROOF NOTES AND LEGENDS.
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12. AT ANY LOCATION IN AN OPEN-ENDED CORRIDOR WHERE A CHANGE OR DIRECTION EXCEEDING 45 DEGREES OCCURS, A CLEAR OPENING OF NOT LESS THAN 35 SQUARE FEET, OR AN EXTERIOR STAIRWAY OR RAMP SHALL BE PROVIDED. WHERE CLEAR OPENINGS ARE PROVIDED, THEY SHALL BE LOCATED SO AS TO MINIMIZE THE ACCUMULATION OF SMOKE OR TOXIC GASES, PER IBC.
13. AT UNITS INDICATED ADA, PROVIDE ACCESSIBLE INTERCOM DETAILS AS INDICATED ON A500s.
14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG — DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05 (1A)
- FURRDOWN
- ADA UNITS
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER
- 1HR FIRE BARRIER (1)
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA





3 ENLARGED RISER ROOM & PLATFORM
SCALE: 1/2" = 1'-0"

1 BUILDING II - FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 11,478 SQ. FT.

PERMIT: 09-02-2016

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding: 09/02/16
Issue for Permit Application: 09/02/16
Issue for Construction XX/XX/XX

Revisions:

#	DATE	COMMENTS
B	06/08/2017	COORDINATION
1	9/22/2017	REVISION 1
2	11/10/2017	ASI 1
3	01/19/2018	VE REVISIONS
4	04/05/2018	RFI 32-R

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SLIDELL, LOUISIANA
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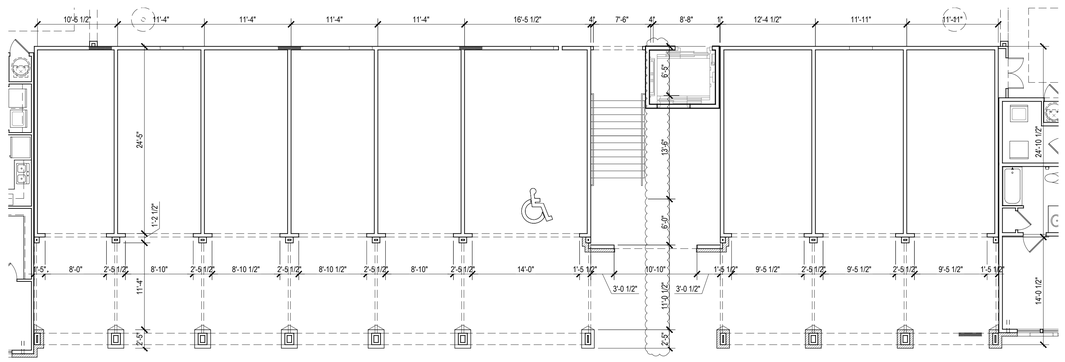
PANTEA A. DeBARDELEBEN
Reg. No. 7041
STATE OF LOUISIANA
REGISTERED ARCHITECT

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SHEET CONTENTS:
BUILDING TYPE II
FIRST FLOOR PLAN

SHEET NO.
A3.14

15557



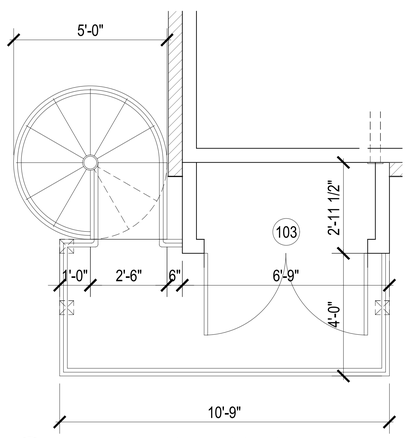
2 GARAGE - GROUND LEVEL
SCALE: 1/8" = 1'-0"

GENERAL BLDG NOTES

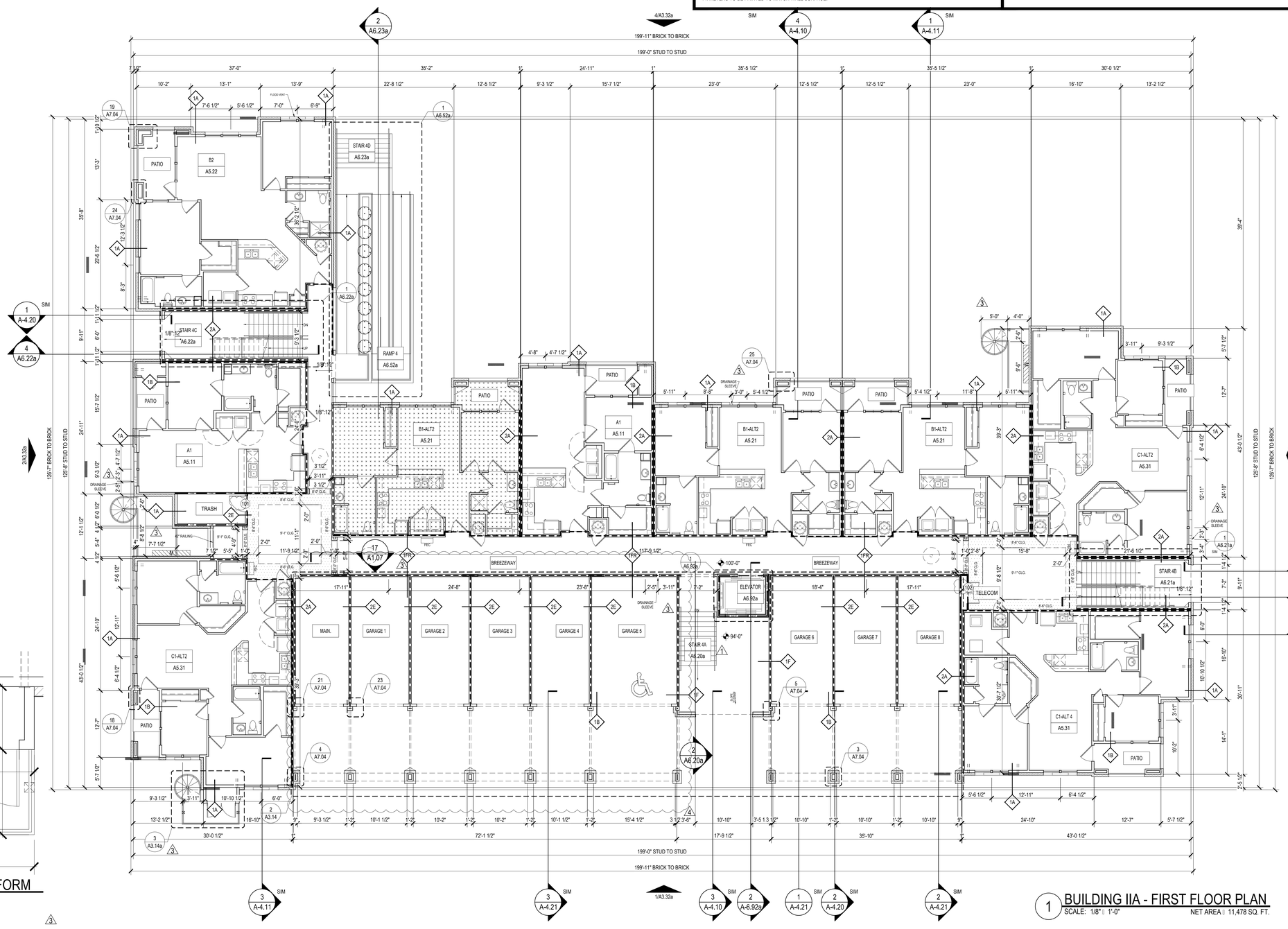
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10. REFER TO SHEET A3.21-A3.23 FOR ROOF NOTES AND LEGENDS.
11. REFER TO ROOF PLAN LEGEND ON SHEET A3.21-A3.23 FOR LOWER ROOF SYMBOLS.
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SYMBOL LEGEND - FLOOR PLANS

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- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG — DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05 (1A)
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- FLOOD VENT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
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- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER (1)
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



3 ENLARGED RISER ROOM & PLATFORM
SCALE: 1/2" = 1'-0"



1 BUILDING IIA - FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 11,478 SQ. FT.

PERMIT: 09-02-2016

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
2	11/10/2017	ASI 1
3	12/08/2017	ASI 2

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SHEET CONTENTS:
BUILDING TYPE IIA
FIRST FLOOR PLAN

SHEET NO.
A3.14a

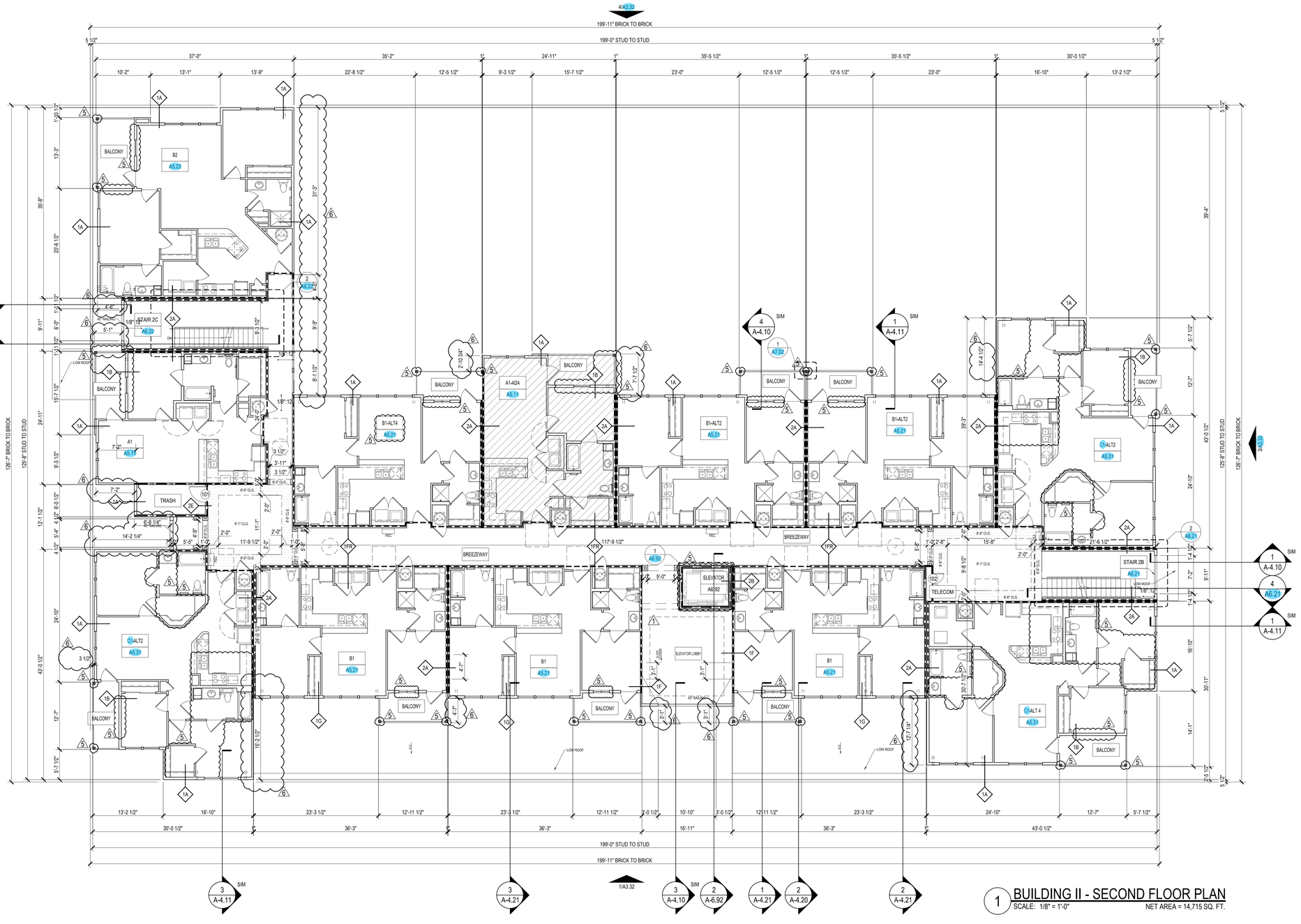
15557

GENERAL BLDG NOTES

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14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG — DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05 (1A)
- FURRDOWN
- ADA UNITS (A)
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER (1)
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



1 BUILDING II - SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 14,715 SQ. FT.

PERMIT: 09-02-2016

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
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6	04/05/2018	RFI 32-R

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LOFTS AT CANTERBURY, LLC

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SHEET CONTENTS:
BUILDING TYPE II
SECOND FLOOR PLAN

SHEET NO.
A3.15

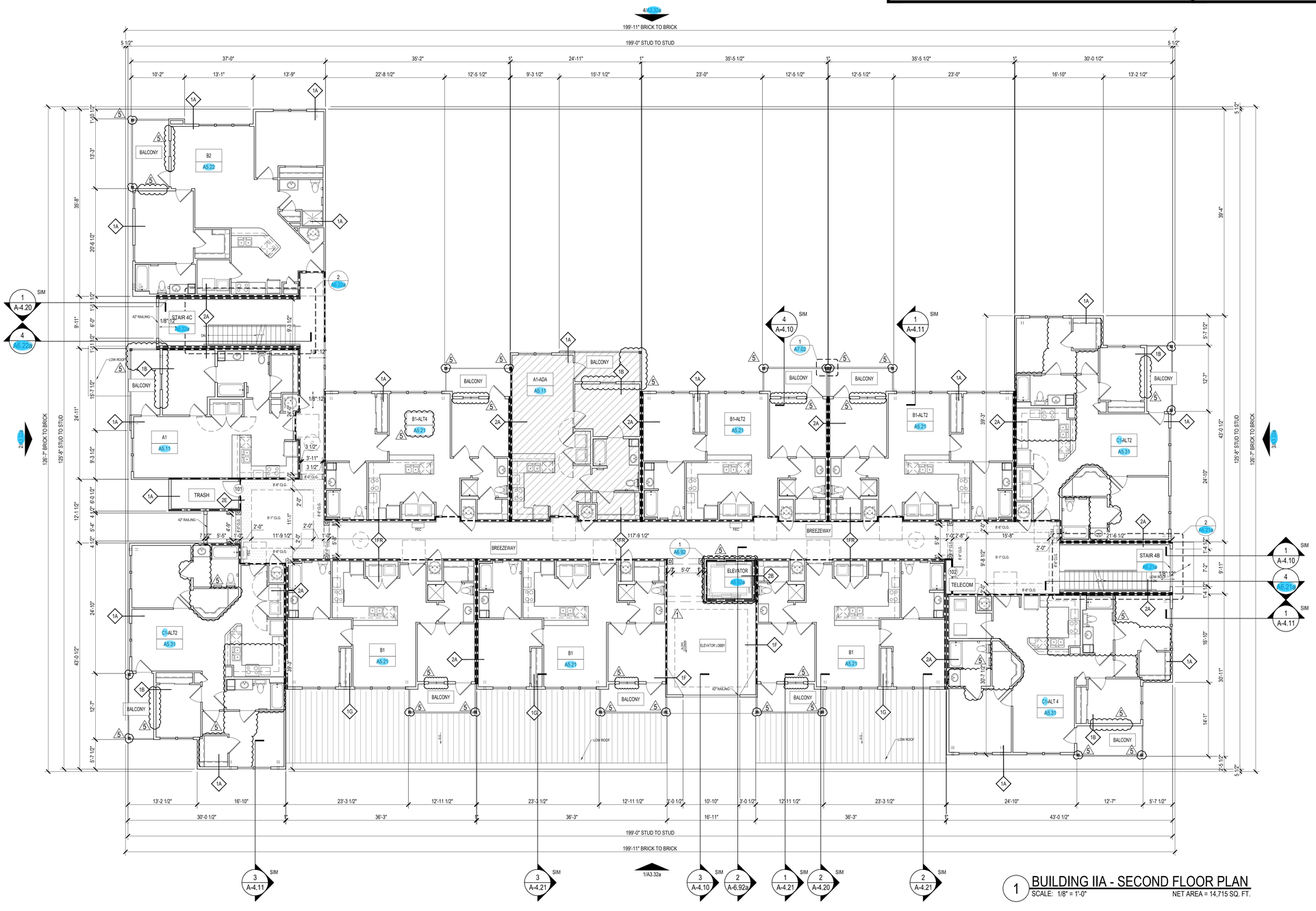
15557

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8. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30' MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS, EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50' IN EITHER DIRECTION. CONTROL JOINTS SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING, FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.
9. WHERE AN ELEVATOR OR STAIR EXIT IS WITHIN 21'-0" OF AN ALCOVE, CORNER OR OTHER POTENTIAL HIDING PLACE, POSITION A REFRACTING MIRROR TO ALLOW SOMEONE IN THE EXIT DOORWAY TO OBSERVE IN THE MIRROR THE AREA AROUND THE CORNER OR WITHIN THE ALCOVE THAT IS ADJACENT TO THE DOORWAY
10. REFER TO SHEET A3.21-A3.29 FOR ROOF NOTES AND LEGENDS.
11. REFER TO ROOF PLAN LEGEND ON SHEET A3.21-A3.29 FOR LOWER ROOF SYMBOLS.
12. AT ANY LOCATION IN AN OPEN-ENDED CORRIDOR WHERE A CHANGE OR DIRECTION EXCEEDING 45 DEGREES OCCURS, A CLEAR OPENING OF NOT LESS THAN 35 SQUARE FEET, OR AN EXTERIOR STAIRWAY OR RAMP SHALL BE PROVIDED. WHERE CLEAR OPENINGS ARE PROVIDED, THEY SHALL BE LOCATED SO AS TO MINIMIZE THE ACCUMULATION OF SMOKE OR TOXIC GASES, PER IBC.
13. AT UNITS INDICATED ADA, PROVIDE ACCESSIBLE INTERCOM DETAILS AS INDICATED ON A500s.
14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG — DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05
- FURRDOWN
- ADA UNITS (A)
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER (1)
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



1 BUILDING IIA - SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 14,715 SQ. FT.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
5	01/19/2018	VE REVISIONS

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THE LOFTS AT CANTERBURY

301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

NOT FOR CONSTRUCTION FOR BIDDING PURPOSES ONLY

HUMPHREYS & PARTNERS
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PERMIT: 09-02-2016

SHEET CONTENTS:
BUILDING TYPE IIA
SECOND FLOOR PLAN

SHEET NO.
A3.15a

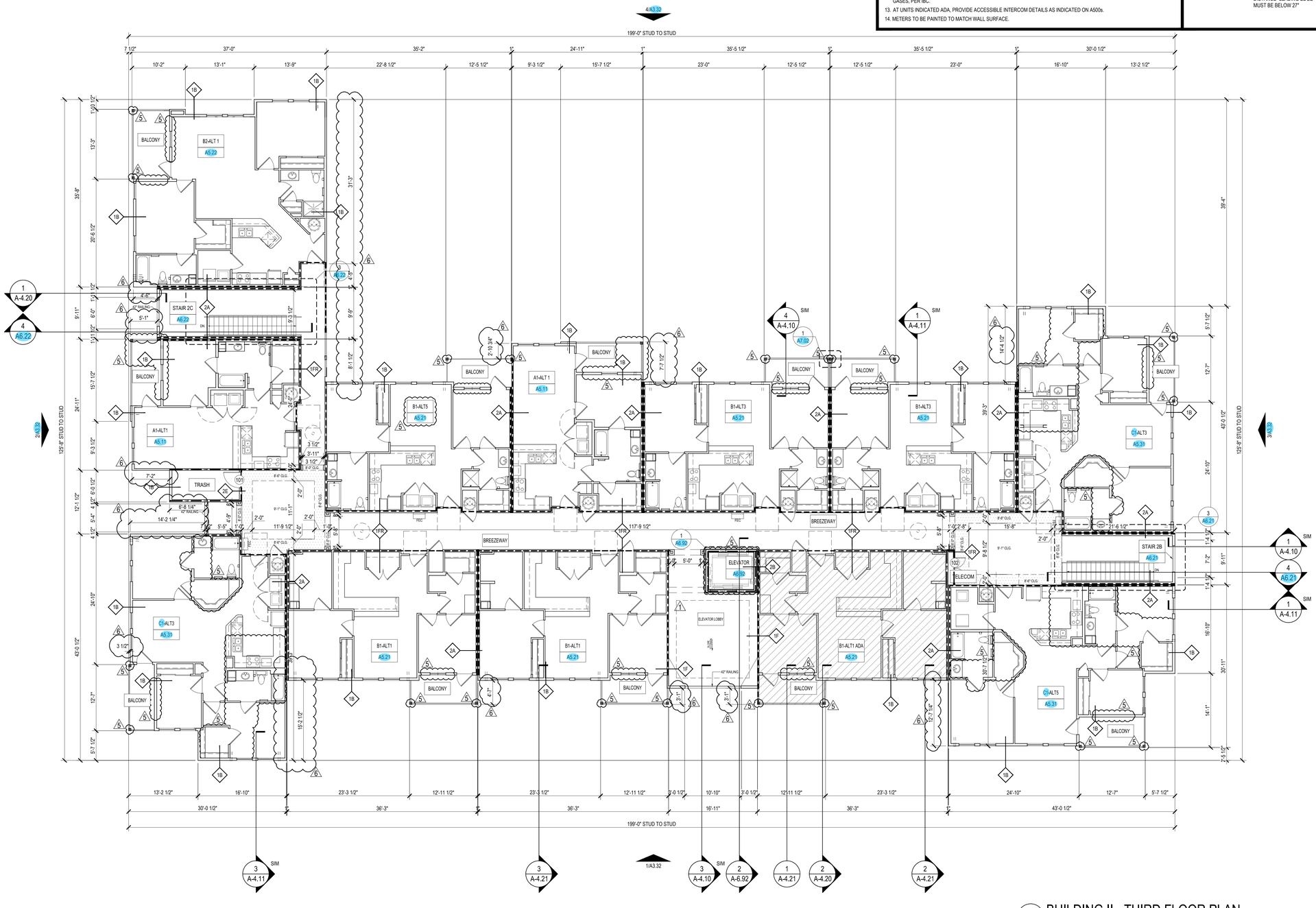
15557

GENERAL BLDG NOTES

1. PROVIDE A BROOM FINISH AT ALL SLOPED CONCRETE SURFACES. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
2. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 2% SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
3. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. REF A2.01 AND A2.03 FOR TYPICAL DOOR THRESHOLD FOR COMMON AREAS.
4. FOR UNIT INTERIOR WALL TYPES REFER TO A500s UNIT SHEETS.
5. METER, RISER, AND TELECOM ARE LOCATED ON THE BUILDING PLANS FOR REFERENCE ONLY. REFER TO CIVIL AND MEP AND TELECOM PLANS FOR THE ACTUAL METER AND EQUIPMENT SIZE AND LOCATION.
6. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75' IN CORRIDORS. MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER.
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13. AT UNITS INDICATED ADA, PROVIDE ACCESSIBLE INTERCOM DETAILS AS INDICATED ON A500s.
14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG — DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05 (1A)
- FURRDOWN
- ADA UNITS (A)
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER (1)
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



1 BUILDING II - THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 14,715 SQ. FT.

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
5	01/19/2018	VE REVISIONS
6	04/05/2018	RFI 32-R

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TARA A. DESANSOUCI — Reg. No. 34,743 — STATE OF LOUISIANA — REGISTERED ARCHITECT

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PERMIT: 09-02-2016

SHEET CONTENTS:
BUILDING TYPE II
THIRD FLOOR PLAN

SHEET NO.
A3.16

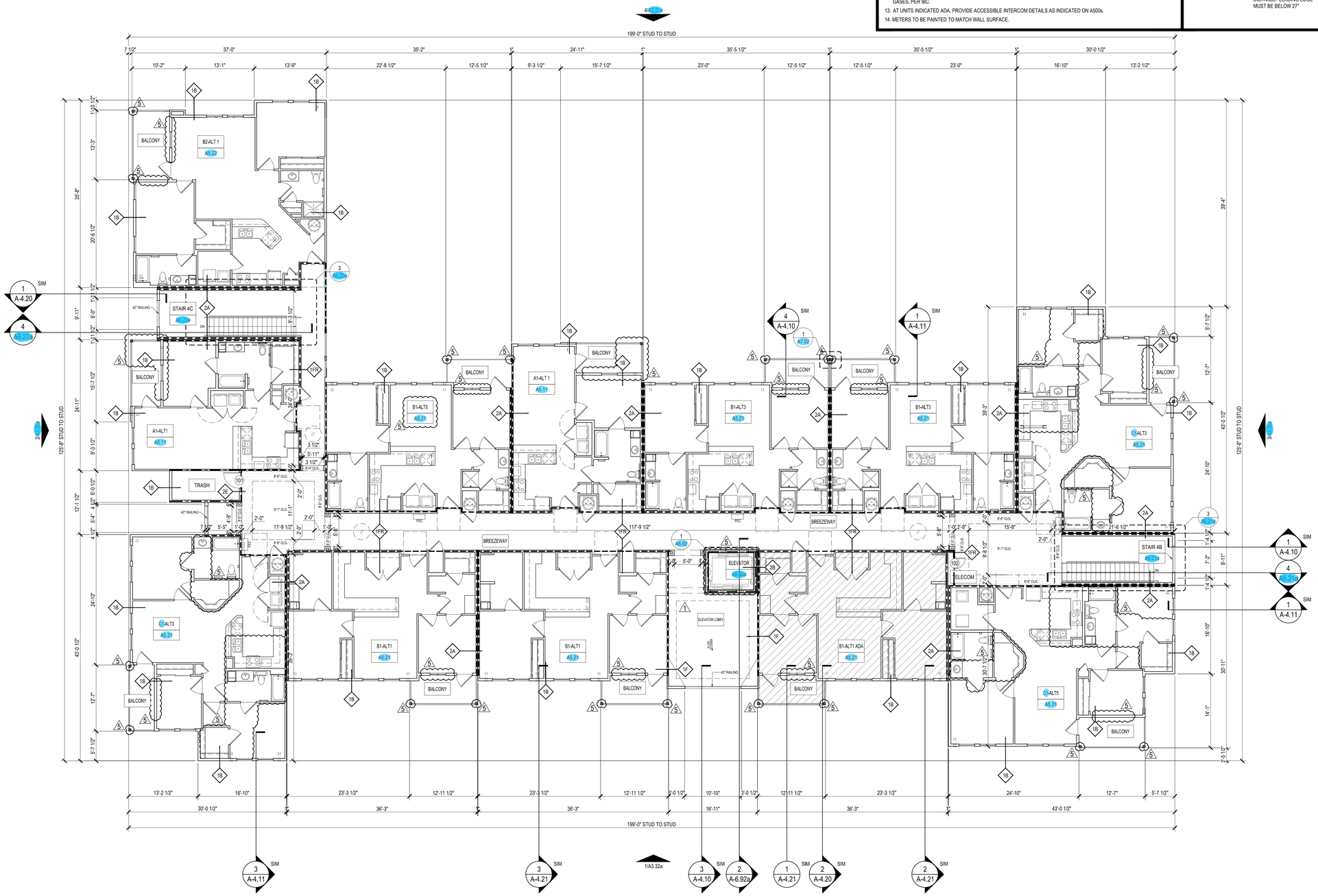
15557

GENERAL BLDG NOTES

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10. REFER TO SHEET A5.01-A5.05 FOR ROOF NOTES AND LEGENDS.
11. REFER TO ROOF PLAN LEGEND ON SHEET A5.01-A5.05 FOR LOWER ROOF SYMBOLS.
12. AT ANY LOCATION IN AN OPEN-ENDED CORRIDOR WHERE A CHANGE OR DIRECTION EXCEEDING 45 DEGREES OCCURS, A CLEAR OPENING OF NOT LESS THAN 35 SQUARE FEET, OR AN EXTERIOR STAIRWAY OR RAMP SHALL BE PROVIDED. WHERE CLEAR OPENINGS ARE PROVIDED, THEY SHALL BE LOCATED SO AS TO MINIMIZE THE ACCUMULATION OF SMOKE OR TOXIC GASES, PER IBC.
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14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG — DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05
- FURRDOWN
- ADA UNITS (A)
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER (1)
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



1 BUILDING IIA - THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 14,715 SQ. FT.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
5	01/19/2018	VE REVISIONS

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THE LOFTS AT CANTERBURY

301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

NOT FOR CONSTRUCTION FOR BIDDING PURPOSES ONLY

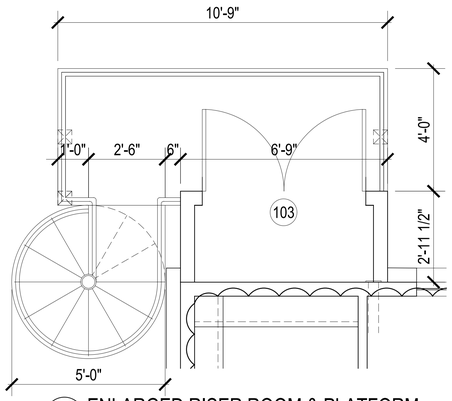
HUMPHREYS & PARTNERS
ARCHITECTS / LOUISIANA, LLC
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PERMIT: 09-02-2016

SHEET CONTENTS:
BUILDING TYPE IIA
THIRD FLOOR PLAN

SHEET NO.
A3.16a

15557



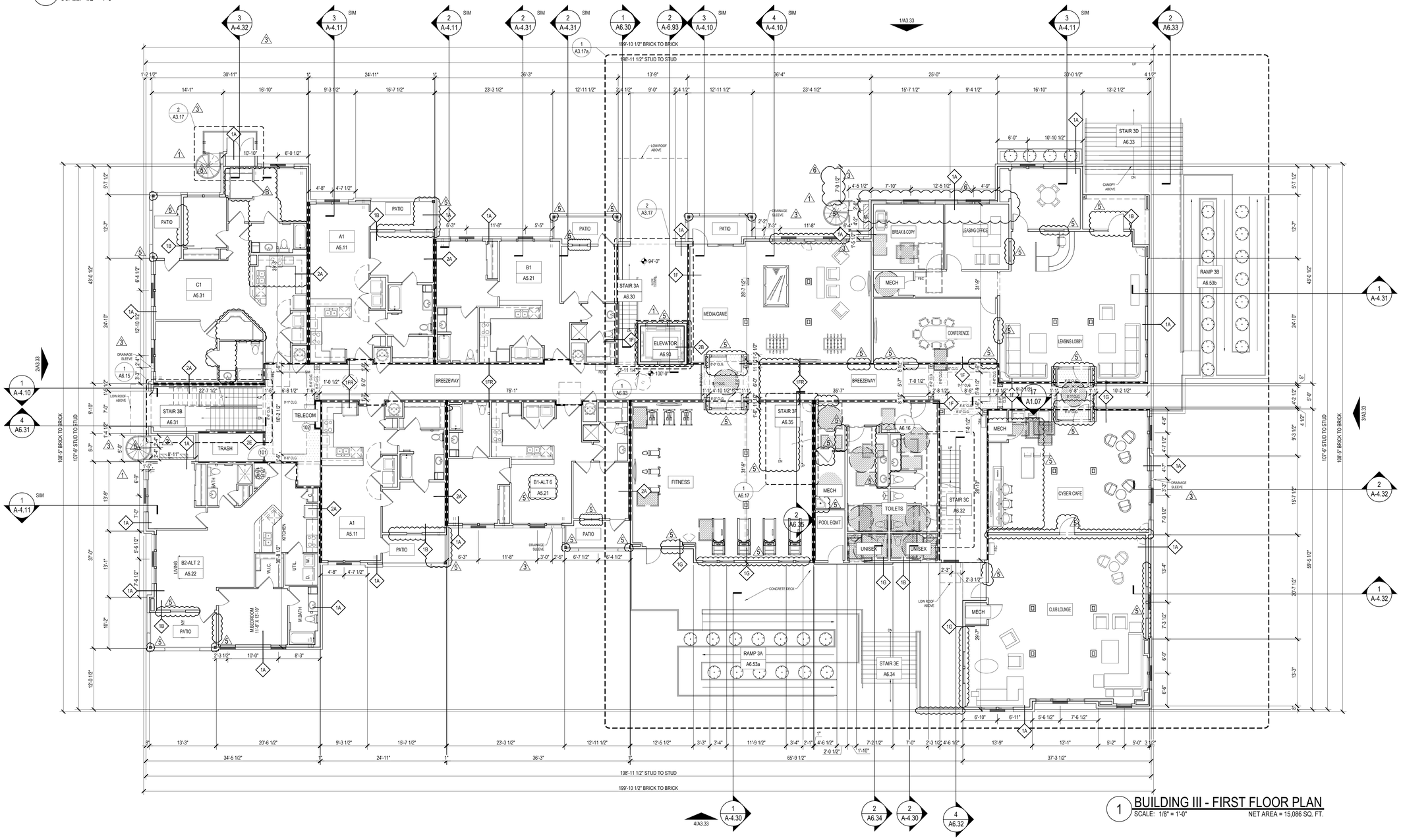
2 ENLARGED RISER ROOM & PLATFORM 3
SCALE: 1/2" = 1'-0"

GENERAL BLDG NOTES

1. PROVIDE A BROOM FINISH AT ALL SLOPED CONCRETE SURFACES. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
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10. REFER TO SHEET A3.21-A3.23 FOR ROOF NOTES AND LEGENDS.
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12. AT ANY LOCATION IN AN OPEN-ENDED CORRIDOR WHERE A CHANGE OR DIRECTION EXCEEDING 45 DEGREES OCCURS, A CLEAR OPENING OF NOT LESS THAN 35 SQUARE FEET, OR AN EXTERIOR STAIRWAY OR RAMP SHALL BE PROVIDED. WHERE CLEAR OPENINGS ARE PROVIDED, THEY SHALL BE LOCATED SO AS TO MINIMIZE THE ACCUMULATION OF SMOKE OR TOXIC GASES, PER IBC.
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14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- X/AX.XX — EXTERIOR ELEVATION TAG
- X/AX.XX — WALL SECTION TAG
- 1 / AX.XX — DETAIL SECTION TAG
- 1A — PARTITION WALL TAG DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05
- FURRDOWN
- ADA UNITS A
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- M — METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- X — DOOR TAG SYMBOL
- X — WINDOW TAG SYMBOL
- 2-HR FIRE BARRIER 1
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- I — BUILDING NUMBER
- AX — UNIT TYPE
- AX.XX — SHEET NUMER
- 0000 — ADDRESS NUMBER
- 100'-0" — FINISHED FLOOR ELEVATION REFER TO CIVIL
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



1 BUILDING III - FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 15,086 SQ. FT.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
B	06/08/2017	COORDINATION
1	09/22/2017	REVISION 1
3	11/10/2017	ASI 1
5	01/19/2018	VE REVISIONS
6	04/05/2018	RFI 32

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ARCHITECTS / LOUISIANA, LLC
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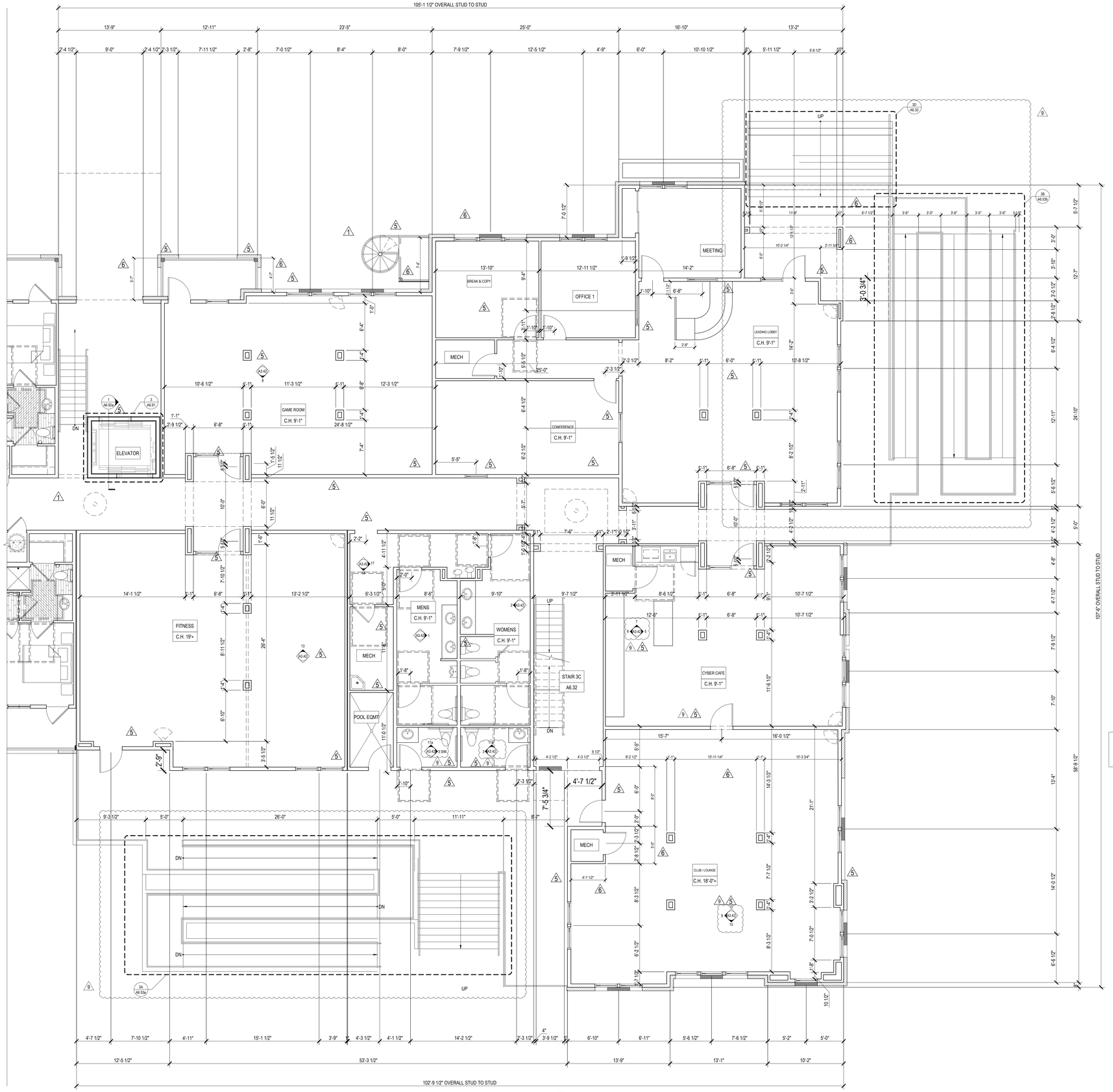
PANTA A. DESANDRO — Reg. No. 19421 — STATE OF LOUISIANA — REGISTERED ARCHITECT

PERMIT: 09-02-2016

SHEET CONTENTS:
BUILDING TYPE III
FIRST FLOOR PLAN

SHEET NO.
A3.17

15557



1 CLUBHOUSE FIRST FLOOR DIMENSIONS PLAN

SCALE: 3/16" = 1'-0"

NET AREA = 7,582 SQ. FT.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG REF A1.05 (1A)
- FURRDOWN
- BUILDING UNDER SEPARATE PERMIT
- METER (M)
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27" (FEC)
- TEMPERED GLASS PER IBC 2406 (T)
- CLEAR FLOOR SPACE
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2HR FIRE BARRIER
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- INTERIOR ELEVATION SYMBOL (1 / AX.XX : 2)

CLUBHOUSE NOTES

NOTE:

1. REF. TO MEP DWGS FOR LOCATION OF SMOKE & FIRE DETECTORS.
2. REF. SHEET A1.02 FOR ACCESSIBILITY COMPLIANCE NOTES.
3. REF. SHEET A1.02 FOR TYPICAL INTERIOR ELEVATION PROFILES & NOTES.
4. REF. SHEET A1.02 FOR ABBREVIATIONS AND GENERAL PROJECT NOTES.
5. REF. TO SHEET A1.05 FOR TYPICAL WALL ASSEMBLIES.
6. REF. SHEET A8.02 FOR DOOR SCHEDULE & DETAILS.
7. REF. SHEET A8.03 FOR WINDOW SCHEDULE & DETAILS.
8. ALL DIMENSIONS ARE TO FACE OF STUD OR CENTER LINE OF OPENING.
9. ALL ANGLES ARE 45 DEG. TO HORIZONTAL & VERTICAL DIRECTIONS, UNLESS OTHERWISE NOTED.
10. SOUND INSULATE WALLS AROUND ALL HVAC CLOSETS AND OTHER WALLS AS INDICATED ON PLANS.
11. ALL INTERIOR DOORS SHALL ALLOW 3/4" AIRFLOW FOR RETURN AIR AT BOTTOM OF DOOR.
12. FOR DIMENSIONING PURPOSES, TYPICAL STUD WALLS ARE DIMENSIONED AS 3 1/2", 5 1/2" or 7 1/2" THICK. REFER TO STRUCTURAL DRAWINGS FOR ANY SPECIAL STUD THICKNESSES.
13. PAINT UNDERSIDE OF ALL EXPOSED SHELVING.
14. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS.
15. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. REFER TO CABINET SHOP DRAWINGS.
16. A SIGN STATING THE MAXIMUM OCCUPANCY LOAD OF ALL ROOMS WITH AN ASSEMBLY OCCUPANCY MUST BE POSTED IN A CONSPICUOUS LOCATION IN THE RESPECTIVE ROOM.
17. REFERENCE MEP FOR LOCATIONS OF ELECTRONIC ACCESS LOCATIONS. DOORS AND FRAMES TO BE PRE-WIRED FOR CARD ACCESS.
18. PROVIDE 36" ACCESSIBLE ROUTE TO EACH PIECE OF EQUIPMENT INSTALLED IN FITNESS ROOM.
19. CONTRACTOR TO VERIFY THE QUANTITY AND LOCATION OF FIRE EXTINGUISHER CABINETS WITH THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
20. ALL EXTERIOR SLABS TO SLOPE ¼" FT TO EDGE OF SLAB. -LIGHT BROOM FINISH AT SLOPED SURFACES.
21. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 2% SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
21. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. REF A2.01 AND 1/A8.01a FOR TYPICAL DOOR THRESHOLD FOR COMMON AREAS.
22. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30' MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS, EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50' IN EITHER DIRECTION. CONTROL JOINTS SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING, FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.
23. REF. TO INTERIOR DESIGNER FINISH SCHEDULE FOR FINISHES.
24. REF. TO INTERIOR DESIGNER DRAWINGS FOR EXACT MOLDING LOCATIONS, SIZES AND FINISHES.
25. REFER TO ID FOR FLOOR FINISHES. TOILET AND BATHING ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS 6" MIN.
26. REFER TO ID DRAWINGS FOR INTERIOR WALL FINISHES. WALLS WITHIN 2' OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE, TO A HEIGHT OF 4' MIN. AFF, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE. ACCESSORIES SUCH AS GRAB BARS, TOWEL BARS, PAPER DISPENSERS AND SOAP DISHES, PROVIDED ON OR WITHIN WALLS, SHALL BE INSTALLED AND SEALED TO PROTECT STRUCTURAL ELEMENTS FROM MOISTURE.

DIMENSIONS MODIFIED.
RAMP AND STAIR DIRECTIONAL ARROWS ADDED.

PLEASE REFER TO A3.17b FOR ADDITIONAL NOTES

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
5	01/19/2018	VE REVISIONS
9	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA P. DESMANGLES
Reg. No. 37672
REGISTERED
ARCHITECT
STATE OF LOUISIANA

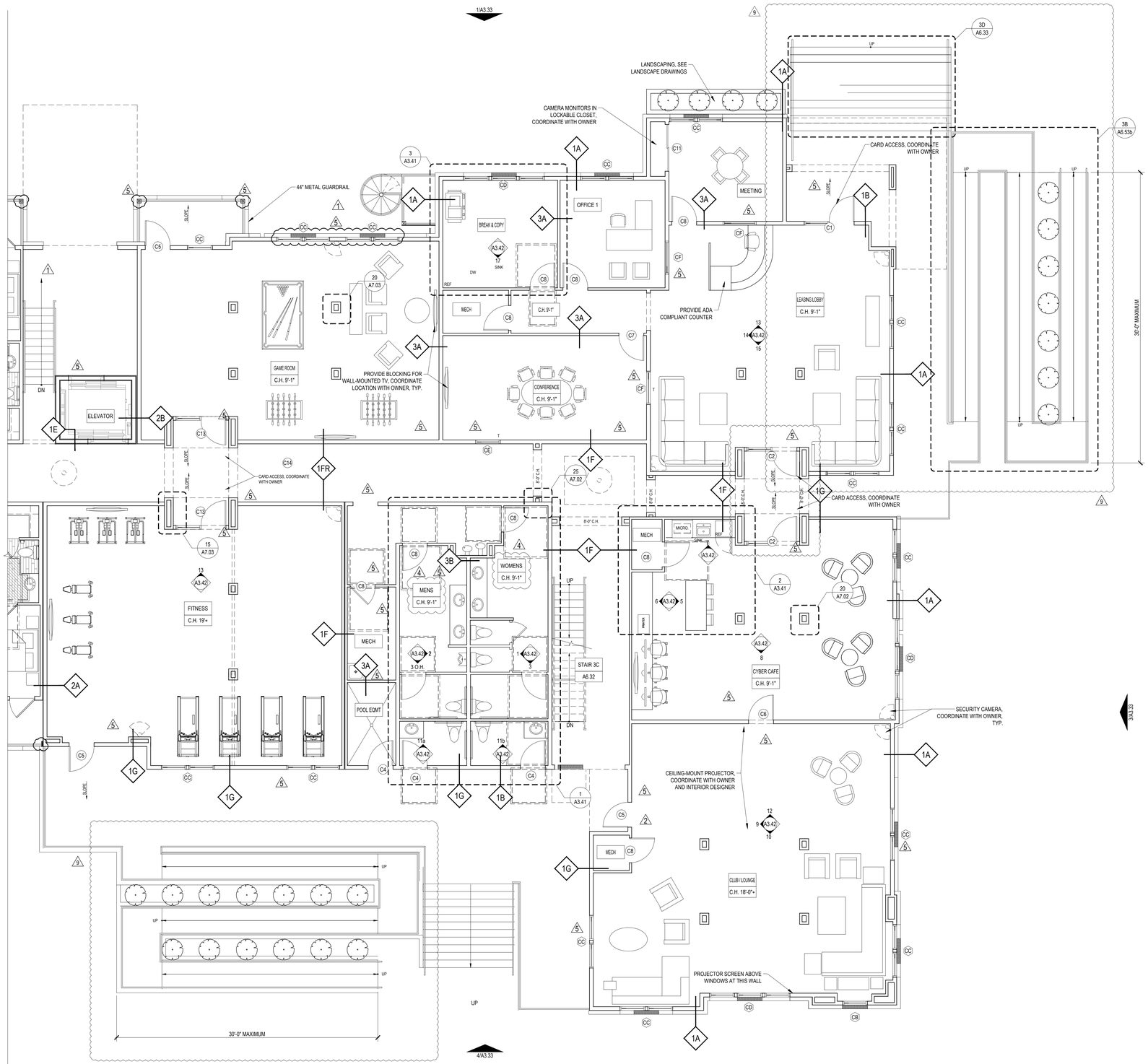
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ASI 004: 05-21-2018

SHEET CONTENTS:
BLDG TYPE III - ENLARGED CLUB FIRST FLOOR DIMS PLAN

SHEET NO.
A3.17a

15557



1 CLUBHOUSE FIRST FLOOR NOTES PLAN
SCALE: 3/16" = 1'-0"
NET AREA = 7,582 SQ. FT.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG REF A1.05 (1A)
- FURRDOWN
- BUILDING UNDER SEPARATE PERMIT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27" (FEC)
- T — TEMPERED GLASS PER IBC 2406
- CLEAR FLOOR SPACE
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2HR FIRE BARRIER
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- 100'-0" FINISHED FLOOR ELEVATION REFER TO CIVIL
- 1 / AX.XX : 2 INTERIOR ELEVATION SYMBOL

CLUBHOUSE NOTES

NOTE:

1. REF. TO MEP DWGS FOR LOCATION OF SMOKE & FIRE DETECTORS.
2. REF. SHEET A1.02 FOR ACCESSIBILITY COMPLIANCE NOTES.
3. REF. SHEET A1.02 FOR TYPICAL INTERIOR ELEVATION PROFILES & NOTES.
4. REF. SHEET A1.02 FOR ABBREVIATIONS AND GENERAL PROJECT NOTES.
5. REF. TO SHEET A1.05 FOR TYPICAL WALL ASSEMBLIES.
6. REF. SHEET A8.02 FOR DOOR SCHEDULE & DETAILS.
7. REF. SHEET A8.03 FOR WINDOW SCHEDULE & DETAILS.
8. ALL DIMENSIONS ARE TO FACE OF STUD OR CENTER LINE OF OPENING.
9. ALL ANGLES ARE 45 DEG. TO HORIZONTAL & VERTICAL DIRECTIONS, UNLESS OTHERWISE NOTED.
10. SOUND INSULATE WALLS AROUND ALL HVAC CLOSETS AND OTHER WALLS AS INDICATED ON PLANS.
11. ALL INTERIOR DOORS SHALL ALLOW 3/4" AIRFLOW FOR RETURN AIR AT BOTTOM OF DOOR.
12. FOR DIMENSIONING PURPOSES, TYPICAL STUD WALLS ARE DIMENSIONED AS 3 1/2", 5 1/2" or 7 1/2" THICK. REFER TO STRUCTURAL DRAWINGS FOR ANY SPECIAL STUD THICKNESSES.
13. PAINT UNDERSIDE OF ALL EXPOSED SHELVING.
14. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS.
15. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. REFER TO CABINET SHOP DRAWINGS.
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17. REFERENCE MEP FOR LOCATIONS OF ELECTRONIC ACCESS LOCATIONS. DOORS AND FRAMES TO BE PRE-WIRED FOR CARD ACCESS.
18. PROVIDE 36" ACCESSIBLE ROUTE TO EACH PIECE OF EQUIPMENT INSTALLED IN FITNESS ROOM.
19. CONTRACTOR TO VERIFY THE QUANTITY AND LOCATION OF FIRE EXTINGUISHER CABINETS WITH THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
20. ALL EXTERIOR SLABS TO SLOPE ¼" FT TO EDGE OF SLAB. -LIGHT BROOM FINISH AT SLOPED SURFACES.
21. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 2% SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
21. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. REF A2.01 AND 1/A8.01a FOR TYPICAL DOOR THRESHOLD FOR COMMON AREAS.
22. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30' MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS, EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50' IN EITHER DIRECTION. CONTROL JOINTS SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING, FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURERS RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.
23. REF. TO INTERIOR DESIGNER FINISH SCHEDULE FOR FINISHES.
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TEMPERED GLASS DESIGNATIONS ADDED.
RAMP AND STAIR DIRECTIONAL ARROWS ADDED.
SLOPES AT ENTRY DOORS ADDED.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
1	9/2/2016 REVISED	REVISED
2	10/16/2017	RFI 27
3	12/08/2017	ASI 2
4	01/19/2018	VE REVISIONS
5	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA P. D'ESPAGNO
Reg. No. 7042
ARCHITECT
STATE OF LOUISIANA
REGISTERED ARCHITECT

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ASI 004: 05-21-2018

SHEET CONTENTS:
BLDG TYPE III - ENLARGED CLUB FIRST FLOOR NOTES PLAN

SHEET NO.
A3.17b

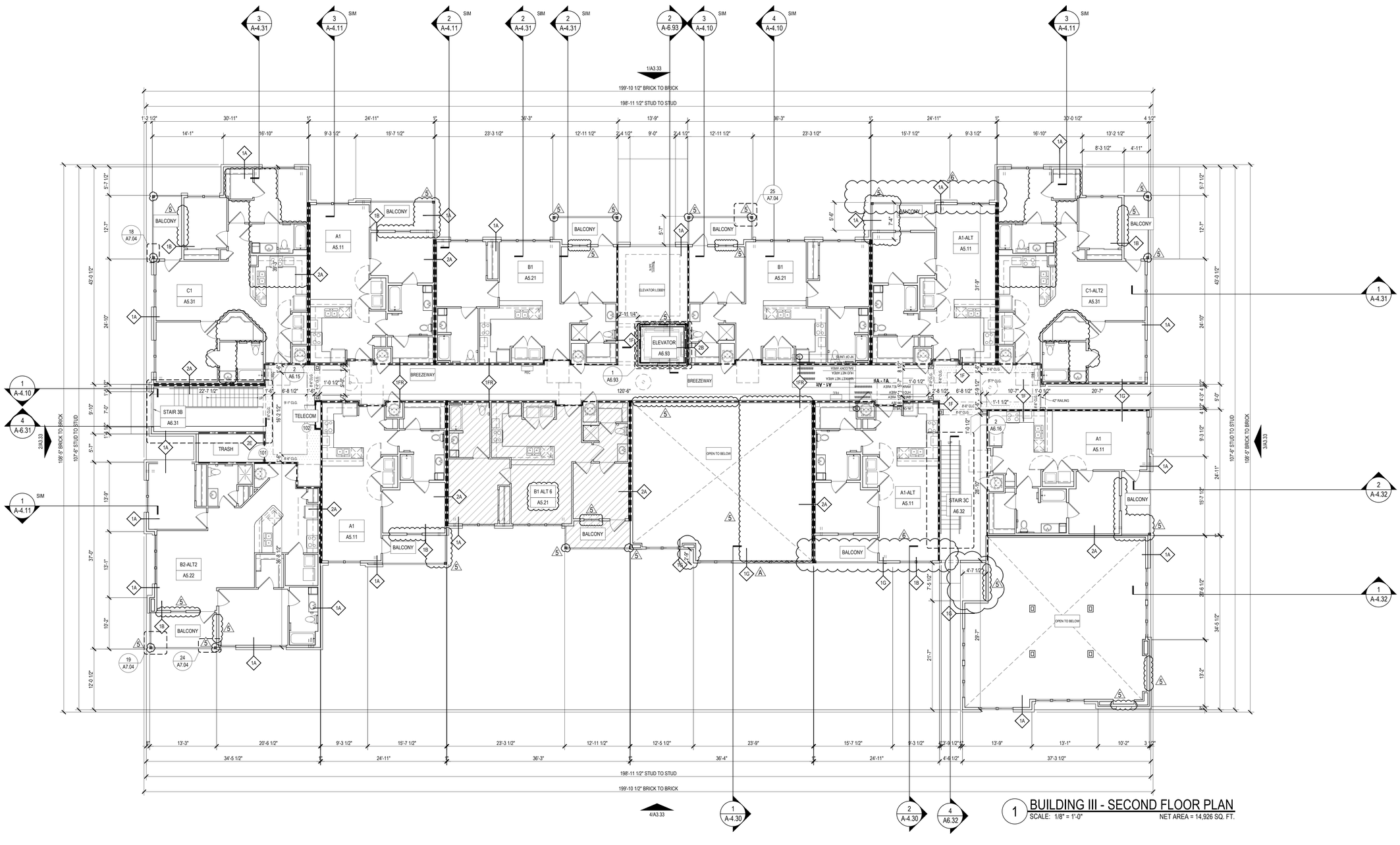
15557

GENERAL BLDG NOTES

1. PROVIDE A BROOM FINISH AT ALL SLOPED CONCRETE SURFACES. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
2. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 2% SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
3. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. REF A2.01 AND A2.03 FOR TYPICAL DOOR THRESHOLD FOR COMMON AREAS.
4. FOR UNIT INTERIOR WALL TYPES REFER TO A500s UNIT SHEETS.
5. METER, RISER, AND TELECOM ARE LOCATED ON THE BUILDING PLANS FOR REFERENCE ONLY. REFER TO CIVIL AND MEP AND TELECOM PLANS FOR THE ACTUAL METER AND EQUIPMENT SIZE AND LOCATION.
6. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75' IN CORRIDORS. MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER.
7. EXTERIOR FINISHES TO CONTINUE INTO CORRIDOR. TERMINATE FINISHES AT PILASTERS SEPARATING INNER CORRIDOR FROM TRAY CEILING. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
8. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30' MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS, EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50' IN EITHER DIRECTION. CONTROL JOINTS SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING, FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.
9. WHERE AN ELEVATOR OR STAIR EXIT IS WITHIN 21'-0" OF AN ALCOVE, CORNER OR OTHER POTENTIAL HIDING PLACE, POSITION A REFRACTING MIRROR TO ALLOW SOMEONE IN THE EXIT DOORWAY TO OBSERVE IN THE MIRROR THE AREA AROUND THE CORNER OR WITHIN THE ALCOVE THAT IS ADJACENT TO THE DOORWAY
10. REFER TO SHEET A3.21-A3.23 FOR ROOF NOTES AND LEGENDS.
11. REFER TO ROOF PLAN LEGEND ON SHEET A3.21-A3.23 FOR LOWER ROOF SYMBOLS.
12. AT ANY LOCATION IN AN OPEN-ENDED CORRIDOR WHERE A CHANGE OR DIRECTION EXCEEDING 45 DEGREES OCCURS, A CLEAR OPENING OF NOT LESS THAN 35 SQUARE FEET, OR AN EXTERIOR STAIRWAY OR RAMP SHALL BE PROVIDED. WHERE CLEAR OPENINGS ARE PROVIDED, THEY SHALL BE LOCATED SO AS TO MINIMIZE THE ACCUMULATION OF SMOKE OR TOXIC GASES, PER IBC.
13. AT UNITS INDICATED ADA, PROVIDE ACCESSIBLE INTERCOM DETAILS AS INDICATED ON A500s.
14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05 (1A)
- FURRDOWN
- ADA UNITS (A)
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (I)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



1 BUILDING III - SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 14,926 SQ. FT.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
5	01/19/2018	VE REVISIONS
6	04/05/2018	RFI 32

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
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TAYLOR A. DESANTIS
LICENSE No. 36,
STATE OF LOUISIANA
REGISTERED ARCHITECT

PERMIT: 09-02-2016

SHEET CONTENTS:
BUILDING TYPE III
SECOND FLOOR PLAN

SHEET NO.
A3.18

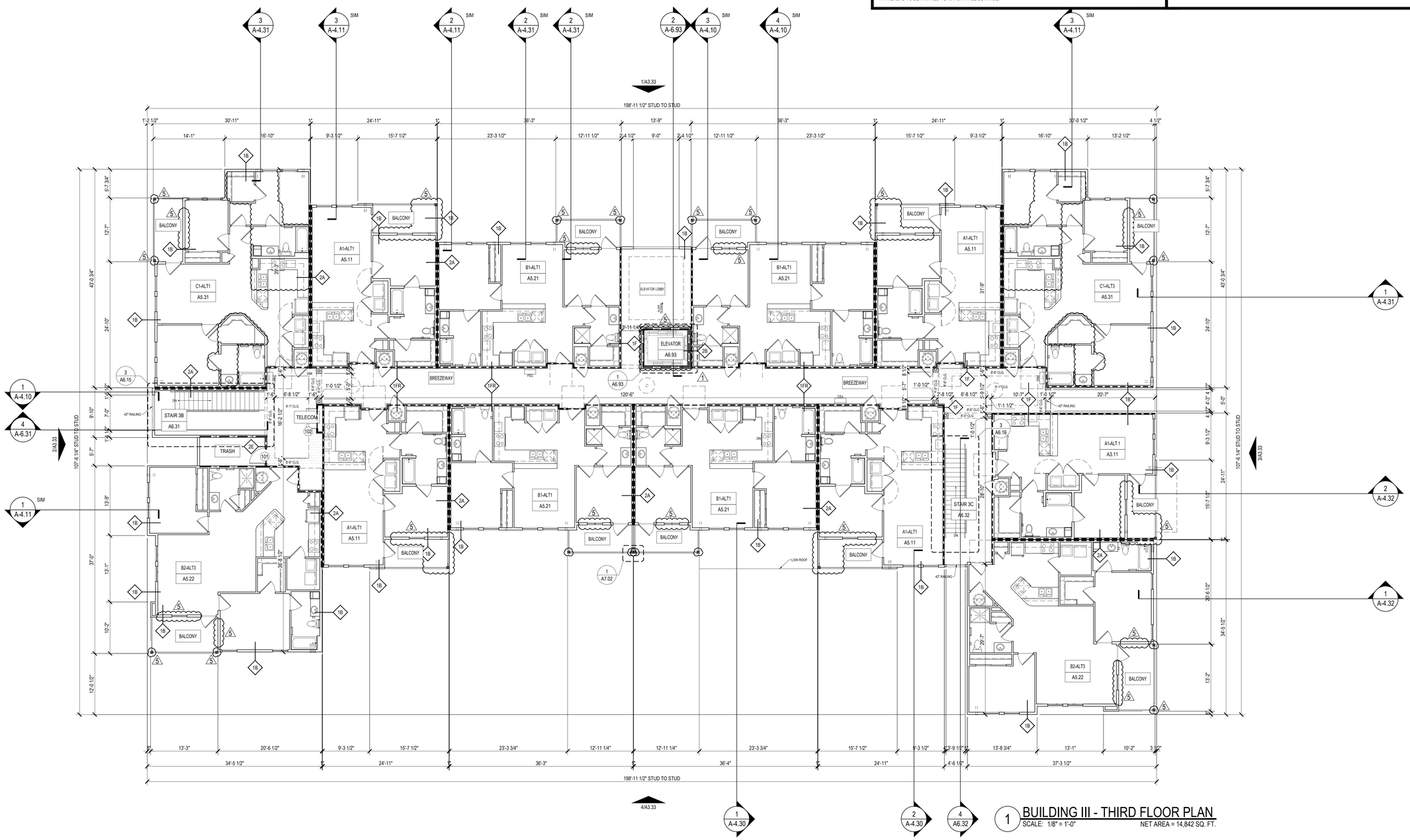
15557

GENERAL BLDG NOTES

1. PROVIDE A BROOM FINISH AT ALL SLOPED CONCRETE SURFACES. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
2. ALL ACCESSIBLE ENTRANCES SHALL HAVE NO MORE THAN A 2% SLOPE FOR A DISTANCE OF 60" PERPENDICULAR TO THE DOOR.
3. ALL EXTERIOR COMMON USE DOOR THRESHOLDS TO BE ACCESSIBLE. REF A2.01 AND A2.03 FOR TYPICAL DOOR THRESHOLD FOR COMMON AREAS.
4. FOR UNIT INTERIOR WALL TYPES REFER TO A500s UNIT SHEETS.
5. METER, RISER, AND TELECOM ARE LOCATED ON THE BUILDING PLANS FOR REFERENCE ONLY. REFER TO CIVIL AND MEP AND TELECOM PLANS FOR THE ACTUAL METER AND EQUIPMENT SIZE AND LOCATION.
6. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75' IN CORRIDORS. MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER.
7. EXTERIOR FINISHES TO CONTINUE INTO CORRIDOR. TERMINATE FINISHES AT PILASTERS SEPARATING INNER CORRIDOR FROM TRAY CEILING. ALL FLAT CORRIDOR SURFACES TO BE TROWELED SMOOTH AND SEALED.
8. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30' MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS, EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50' IN EITHER DIRECTION. CONTROL JOINTS SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING, FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.
9. WHERE AN ELEVATOR OR STAIR EXIT IS WITHIN 21'-0" OF AN ALCOVE, CORNER OR OTHER POTENTIAL HIDING PLACE, POSITION A REFRACTING MIRROR TO ALLOW SOMEONE IN THE EXIT DOORWAY TO OBSERVE IN THE MIRROR THE AREA AROUND THE CORNER OR WITHIN THE ALCOVE THAT IS ADJACENT TO THE DOORWAY
10. REFER TO SHEET A3.21-A3.23 FOR ROOF NOTES AND LEGENDS.
11. REFER TO ROOF PLAN LEGEND ON SHEET A3.21-A3.23 FOR LOWER ROOF SYMBOLS.
12. AT ANY LOCATION IN AN OPEN-ENDED CORRIDOR WHERE A CHANGE OR DIRECTION EXCEEDING 45 DEGREES OCCURS, A CLEAR OPENING OF NOT LESS THAN 35 SQUARE FEET, OR AN EXTERIOR STAIRWAY OR RAMP SHALL BE PROVIDED. WHERE CLEAR OPENINGS ARE PROVIDED, THEY SHALL BE LOCATED SO AS TO MINIMIZE THE ACCUMULATION OF SMOKE OR TOXIC GASES, PER IBC.
13. AT UNITS INDICATED ADA, PROVIDE ACCESSIBLE INTERCOM DETAILS AS INDICATED ON A500s.
14. METERS TO BE PAINTED TO MATCH WALL SURFACE.

SYMBOL LEGEND - FLOOR PLANS

- EXTERIOR ELEVATION TAG (X/AX.XX)
- WALL SECTION TAG (X/AX.XX)
- DETAIL SECTION TAG (1 / AX.XX)
- PARTITION WALL TAG — DIRECTION OF TAG INDICATES DIRECTION FO MATERIALS, REF A1.05 (1A)
- FURRDOWN
- ADA UNITS (A)
- HEARING AND VISION IMPAIRED UNITS
- FLOOD VENT
- METER
- FLOOR DRAIN LOCATIONS, REF. STRUCT & MEP
- FEC — SEMI-RECESSED FIRE EXTINGUISHER (WOOD FRAME WALLS), CABINETS MAX. 5'-0" A.F.F. TO TOP OF CABINET, MAX. 75 FT. TRAVEL DISTANCE- LEADING EDGE MUST BE BELOW 27"
- DOOR TAG SYMBOL (X)
- WINDOW TAG SYMBOL (X)
- 2-HR FIRE BARRIER
- 1HR FIRE BARRIER
- 1-HR FIRE PARTITION AT UNIT SEPARATION
- 1-HR FIRE PARTITION AT CORRIDORS
- ASSUMED PROPERTY LINE
- 5 1/2" BRICK / STONE LEDGE
- BUILDING NUMBER (1)
- UNIT TYPE (AX)
- SHEET NUMER (AX.XX)
- ADDRESS NUMBER (0000)
- FINISHED FLOOR ELEVATION REFER TO CIVIL (100'-0")
- ENTRANCE DOOR MANEUVERING CLEARANCE
- 360 DEGREE CAMERA
- CAMERA



1 BUILDING III - THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0" NET AREA = 14,842 SQ. FT.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
5	01/19/2018	VE REVISIONS

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

NOT FOR CONSTRUCTION FOR BIDDING PURPOSES ONLY

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PERMIT: 09-02-2016

SHEET CONTENTS:
BUILDING TYPE III
THIRD FLOOR PLAN

SHEET NO.
A3.19

15557

BUILDING I

ROOF AREAS		VENTILATION AREA REQUIRED SQ IN			UPPER VENTING PROVIDED					LOWER VENTING PROVIDED					TOTAL VENTING AREA PROVIDED SQ IN
					RIDGE VENTS PROVIDED		GRAVITY VENTS PROVIDED		TOTAL	SOFFIT VENTS PROVIDED		INTAKE VENTS PROVIDED		TOTAL	
NUMBER	AREA SQ.FT.	UPPER	LOWER	TOTAL	LINEAR FOOT	SQ IN	#	SQ IN	SQ IN	LINEAR FOOT	SQ IN	#	SQ IN	SQ IN	
Area 1	2267 SQ. FT.	1,088	1,088	2,176	47'-11"	810	2	288	1098	58'-4"	1,097	0	0	1097	2194
Area 2	1683 SQ. FT.	808	808	1,616	5'-8"	96	5	720	816	43'-4"	815	0	0	815	1630
Area 3	1218 SQ. FT.	584	584	1,169	35'-0"	592	0	0	592	31'-3"	588	0	0	588	1179
Area 4	2200 SQ. FT.	1,056	1,056	2,112	62'-9"	1,060	0	0	1060	56'-3"	1,058	0	0	1058	2118
Area 5	2252 SQ. FT.	1,081	1,081	2,162	21'-10"	369	5	720	1089	57'-11"	1,089	0	0	1089	2178
Area 6	1908 SQ. FT.	916	916	1,832	28'-11"	489	3	432	921	49'-2"	924	0	0	924	1845
Area 7	1487 SQ. FT.	714	714	1,427	0'-0"	0	5	720	720	38'-4"	721	0	0	721	1441

FILL IN DATA:

CODE INPUT: VENTING AREA REQUIRED DIVIDING NUMBER (150 OR 300)	150	RIDGE VENT: VENTING NET AREA PER LINEAR FOOT OF RIDGE VENT (BASIS OF DESIGN - SQ.IN/LIN FT) *	17
EXHAUST %: UPPER VENTING PERCENTAGE (50%MIN)	50%	SOFFIT VENT: VENTING NET AREA PER LINEAR FOOT OF SOFFIT VENT (BASIS OF DESIGN - SQ.IN/LIN FT) *	19
INTAKE %: LOWER VENTING PERCENTAGE (100% - UPPER)	50%	GRAVITY VENT: VENTING NET AREA PER GRAVITY VENT (BASIS OF DESIGN - SQ.IN.) *	144
		GRAVITY VENT: VENTING NET AREA PER GRAVITY VENT (BASIS OF DESIGN - SQ. IN.) *	113
		INTAKE VENT: VENTING NET AREA PER INTAKE VENT (BASIS OF DESIGN - SQ.IN.) *	144
		* MANUFACTURER TO PROVIDE SPECIFICATIONS AND CONFIRM AVAILABLE PRODUCTS FOR USED VALUES	

BUILDING I - FLAT ROOF

ROOF AREAS		VENTILATION AREA REQUIRED SQ IN			UPPER VENTING PROVIDED			LOWER VENTING PROVIDED			TOTAL VENTING AREA PROVIDED SQ IN
					UPPER POP VENTS PROVIDED		TOTAL	LOWER POP VENTS PROVIDED		TOTAL	
NUMBER	AREA SQ.FT.	UPPER	LOWER	TOTAL	#	SQ IN PER VENT	SQ IN	#	SQ IN PER VENT	SQ IN	
Area 8	767 SQ. FT.	184	184	368	2	144	288	2	144	288	576
Area 9	1231 SQ. FT.	295	295	591	3	144	432	3	144	432	864

FILL IN DATA:

CODE INPUT: VENTING AREA REQUIRED DIVIDING NUMBER (150 OR 300)	300	**UPPER POP VENT:** VENTING NET AREA PER POP VENT (BASIS OF DESIGN - SQ.IN.) *	144
EXHAUST %: UPPER VENTING PERCENTAGE (50%MIN)	50%	**LOWER POP VENT:** VENTING NET AREA PER POP VENT (BASIS OF DESIGN - SQ.IN.) *	144
INTAKE %: LOWER VENTING PERCENTAGE (100% - UPPER)	50%		

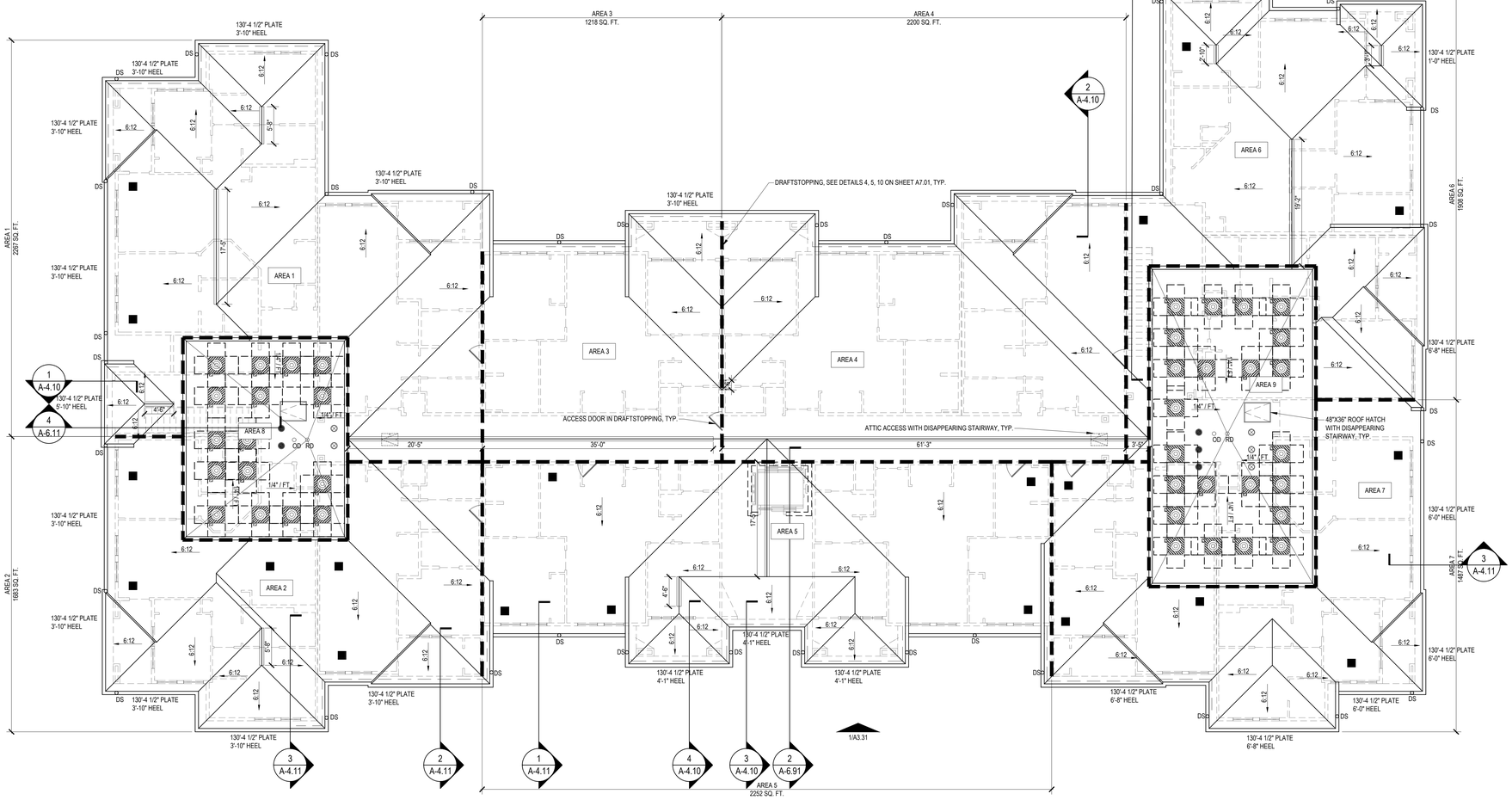
* MANUFACTURE TO PROVIDE SPECIFICATIONS AND CONFIRM AVAILABLE PRODUCTS FOR USED VALUES

NOTES

NOTE:
1. GUTTERS AND DOWNSPOUTS TO BE PROVIDED AT ALL EAVES.
2. 1'-2" OVERHANG AT TYPICAL U.N.O.
3. ALL ROOF DRAINS / DOWNSPOUTS ON EXTERIOR WALLS TO CONNECT DIRECTLY TO STORM WATER SYSTEM.
4. ALL DOWNSPOUTS ON STAIRS AND ELEVATOR TOWER OR ANY NOT CONNECTED DIRECTLY TO STORM WATER SYSTEM TO HAVE LEADERS AND SPLASH BLOCKS
5. DOWNSPOUT LOCATIONS ARE CONCEPTUAL IN NATURE AND MUST BE COORDINATED BY THE CONTRACTOR ON SITE WITH THE LANDSCAPING, RETAINING WALL, SIDEWALKS, AND INDIVIDUAL BUILDING ORIENTATION AND DRAINAGE TO INSURE THAT OUTFLOW FROM DOWNSPOUTS DOES NOT CROSS WALKING OR DRIVING SURFACES. IT IS THE INTENT OF THE ARCHITECT THAT GUTTER DOWNSPOUTS TERMINATE IN UNDERGROUND DRAINAGE PIPING AND CARRIED AWAY FROM THE BUILDING AND OTHER FINISHED SURFACES WHERE POSSIBLE. LOCATE DOWNSPOUTS AT INTERIOR CORNERS WHEN POSSIBLE.
6. DRAFTSTOPS LOCATED PER 2012 IBC, SECTION 718.4 ATTIC DRAFTSTOPS SHALL BE 1/2" GYPSUM OR PLYWOOD SHEATHING FIT SMOKE TIGHT TO THE ROOF DECK AND CEILING BELOW. DRAFTSTOPPING SHALL NOT EXCEED 3,000 S.F. OR 2 DWELLING UNITS.
   &OR
   DRAFTSTOPPING IS NOT REQUIRED PER 2012 IBC, SECTIONS 718.4.2 EX.2 IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1.
   &OR
   DRAFTSTOPPING IS NOT REQUIRED PER 2012 IBC, SECTIONS 718.4.2 EX.4 IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.2, PROVIDED THAT AUTOMATIC SPRINKLERS ARE ALSO INSTALLED IN THE COMBUSTIBLE CONCEALED SPACES WHERE THE DRAFTSTOPPING IS BEING OMITTED
7. ALL ROOF AND FLOOR TRUSSES SHALL BE DESIGNED AND SEALED BY A REGISTERED ENGINEER IN THE STATE OF PROJECT. TRUSS SHOP DRAWINGS SHALL BE AVAILABLE AT THE JOBSITE.
8. REFER TO STRUCTURAL DRAWINGS FOR ROOF FRAMING PLANS AND SPECS.
9. PLATE AND TRUSS HEEL HEIGHTS ARE FOR DESIGN INTENT ONLY. TRUSS MANUFACTURER TO VERIFY.
10. REFER TO STRUCTURAL DRAWINGS AND TRUSS FABRICATION DRAWINGS FOR EXACT PLATE AND HEEL HEIGHTS.
11. PROVIDE WALKWAY PADS TO AND AROUND ALL ROOFTOP MECHANICAL EQUIPMENT.
12. PROVIDE MIN. CLEARANCE TO ADJACENT EQUIPMENT, WALLS OR CURBS AT MECHANICAL ROOFTOP EQUIPMENT AND PENETRATIONS AS REQUIRED BY EQUIPMENT MANUFACTURER (BUT NOT LESS THAN 24").
13. ATTIC ACCESS PANELS TO BE 22" X 30" WITH A 30" VERTICAL CLEARANCE. U.N.O. REF. 15/A7.03
14. PROVIDE ICE AND SNOW DAM PROTECTION W/43 MIL. PEEL AND STICK ELASTOMERIC MEMBRANE AT VALLEYS, EAVES (36" MIN WIDTH OVER HEATED AREA) AND SHED ROOFS.
15. PROVIDE ONE DEPTH MARKER EVERY 300 SQ. FT. IN ATTIC AREAS RECEIVING BLOWN INSULATION. MARKERS SHALL BE CLEARLY READABLE FROM THE ATTIC ACCESS.
16. PROVIDE 30 YEAR WARRANTY ON SHINGLES, REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
17. TPO ROOF TO BE 60 MIL, REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL LEGEND - ROOF PLANS

- DRAFTSTOP
- ROOF SIDE WALL
- 12"-0" RAISED CEILING LOCATIONS
- 3/12 PITCH VAULTED CEILING LOCATIONS
- ICE DAM SHIELD
- 22" X 30" LOCKABLE ATTIC ACCESS
- ATTIC DRAFTSTOP ACCESS DOOR
- 48" X 36" BILCO 2-HR RATED LOCKABLE ROOF HATCH WITH LAPEYRE 68° ALTERNATING TREAD DEVICE
- 1/4" / FT. X:12 SLOPE DIRECTION
- RIDGE VENT 12" WIDE BASIS OF DESIGN - AIR VENT, INC. SHINGLE VENT II, 17 SQ. IN. / FT. NET FREE AREA
- CONTINUOUS SOFFIT VENT BASIS OF DESIGN TAMLYN CUV6WW 19 SQ. IN. PER LINEAR FOOT
- EXTERIOR ELEVATION TAG (X/AX.XX)
- 14 1/2" X 14 1/2" GRAVITY ROOF VENT., 144 SQ. IN. NET FREE AREA BASIS OF DESIGN - AIR VENT B-144 ROOF VENT - REF 21/A7.03
- INTAKE ROOF VENT BASIS OF DESIGN - ACTIVE VENTILATION PROD., INC. - PV-14 144 SQ. IN. NET FREE AREA
- EXHAUST ROOF VENT BASIS OF DESIGN - ACTIVE VENTILATION PROD., INC. - AV-14 144 SQ. IN. NET FREE AREA
- ROOFTOP CONDENSING UNIT ON CONDENSING PADS, AS SPECIFIED, REF. MECH. MAINTAIN 24" CLEAR SPACE AROUND PERIMETER OF UNITS
- RD 4" ROOF DRAIN WITH OVERFLOW REF. MEP
- OVF-S OVERFLOW SCUPPER
- DS 6"x6" GUTTER
- 6" DOWN SPOUT (DS)
- X/AX.XX WALL SECTION TAG (A)



1 BUILDING I - ROOF PLAN
SCALE: 1/8" = 1'-0"

THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding: 09/02/16
Issue for Permit Application: 09/02/16
Issue for Construction: XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

TANYA A. DeSANDRO
Reg. No. 31421
STATE OF LOUISIANA
REGISTERED ARCHITECT

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SHEET CONTENTS:
BUILDING TYPE I
ROOF PLAN

SHEET NO.
A3.21

PERMIT: 09-02-2016

15557

NOTES

NOTE:

1. GUTTERS AND DOWNSPOUTS TO BE PROVIDED AT ALL EAVES.
2. 1'-2" OVERHANG AT TYPICAL U.N.O.
3. ALL ROOF DRAINS / DOWNSPOUTS ON EXTERIOR WALLS TO CONNECT DIRECTLY TO STORM WATER SYSTEM.
4. ALL DOWNSPOUTS ON STAIRS AND ELEVATOR TOWER OR ANY NOT CONNECTED DIRECTLY TO STORM WATER SYSTEM TO HAVE LEADERS AND SPLASH BLOCKS
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   &/OR
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11. PROVIDE WALKWAY PADS TO AND AROUND ALL ROOFTOP MECHANICAL EQUIPMENT.
12. PROVIDE MIN. CLEARANCE TO ADJACENT EQUIPMENT, WALLS OR CURBS AT MECHANICAL ROOFTOP EQUIPMENT AND PENETRATIONS AS REQUIRED BY EQUIPMENT MANUFACTURER (BUT NOT LESS THAN 24").
13. ATTIC ACCESS PANELS TO BE 22" X 30" WITH A 30" VERTICAL CLEARANCE. U.N.O. REF. 15/A7.03
14. PROVIDE ICE AND SNOW DAM PROTECTION W/43 MIL. PEEL AND STICK ELASTOMERIC MEMBRANE AT VALLEYS, EAVES (36" MIN WIDTH OVER HEATED AREA) AND SHED ROOFS.
15. PROVIDE ONE DEPTH MARKER EVERY 300 SQ. FT. IN ATTIC AREAS RECEIVING BLOWN INSULATION. MARKERS SHALL BE CLEARLY READABLE FROM THE ATTIC ACCESS.
16. PROVIDE 30 YEAR WARRANTY ON SHINGLES, REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
17. TPO ROOF TO BE 60 MIL, REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL LEGEND - ROOF PLANS

- DRAFTSTOP
- ROOF SIDE WALL
- 12'-0" RAISED CEILING LOCATIONS 3/12 PITCH VAULTED CEILING LOCATIONS
- ICE DAM SHIELD
- 22" X 30" LOCKABLE ATTIC ACCESS
- ATTIC DRAFTSTOP ACCESS DOOR
- 48" X 36" BILCO 2-HR RATED LOCKABLE ROOF HATCH WITH LAPEYRE 68" ALTERNATING TREAD DEVICE
- 1/4" / FT SLOPE DIRECTION
- X-12 RIDGE VENT 12" WIDE BASIS OF DESIGN - AIR VENT, INC. SHINGLEVENT II, 17 SQ. IN. / FT. NET FREE AREA)
- CONTINUOUS SOFFIT VENT BASIS OF DESIGN TAMLYN CUV8WW 19 SQ. IN. PER LINEAR FOOT
- EXTERIOR ELEVATION TAG (X/AX.XX)
- 14 1/2" X 14 1/2" GRAVITY ROOF VENT, 144 SQ. IN. NET FREE AREA BASIS OF DESIGN - AIR VENT B-144 ROOF VENT - REF 21/A7.03
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- RD 4" ROOF DRAIN WITH OVERFLOW REF. MEP
- OVF-S OVERFLOW SCUPPER
- 6"x6" GUTTER
- DS 6" DOWN SPOUT (DS)
- X/AX.XX WALL SECTION TAG

BUILDING II - PITCHED ROOF

ROOF AREAS		VENTILATION AREA REQUIRED SQ IN			UPPER VENTING PROVIDED					LOWER VENTING PROVIDED					TOTAL VENTING AREA PROVIDED SQ IN
					RIDGE VENTS PROVIDED		GRAVITY VENTS PROVIDED		TOTAL	SOFFIT VENTS PROVIDED		INTAKE VENTS PROVIDED		TOTAL	
NUMBER	AREA SQ.FT.	UPPER	LOWER	TOTAL	LINEAR FOOT	SQ IN	#	SQ IN	SQ IN	LINEAR FOOT	SQ IN	#	SQ IN	SQ IN	
Area 1	2333 SQ. FT.	1,120	1,120	2,239	41'-1"	694	3	432	1126	60'-0"	1,128	0	0	1128	2254
Area 2	1842 SQ. FT.	884	884	1,768	26'-9"	452	3	432	884	47'-6"	893	0	0	893	1777
Area 3	2003 SQ. FT.	962	962	1,923	57'-3"	968	0	0	968	51'-6"	968	0	0	968	1936
Area 4	2272 SQ. FT.	1,091	1,091	2,181	64'-8"	1,093	0	0	1093	58'-0"	1,090	0	0	1090	2183
Area 5	2370 SQ. FT.	1,138	1,138	2,275	24'-11"	421	5	720	1141	61'-1"	1,148	0	0	1148	2289
Area 6	2201 SQ. FT.	1,057	1,057	2,113	11'-9"	199	6	864	1063	56'-3"	1,058	0	0	1058	2120

FILL IN DATA:

CODE INPUT: VENTING AREA REQUIRED DIVIDING NUMBER (150 OR 300)	150	RIDGE VENT: VENTING NET AREA PER LINEAR FOOT OF RIDGE VENT (BASIS OF DESIGN - SQ.IN/LIN FT) *	17
EXHAUST %: UPPER VENTING PERCENTAGE (50%MIN)	50%	SOFFIT VENT: VENTING NET AREA PER LINEAR FOOT OF SOFFIT VENT (BASIS OF DESIGN - SQ.IN/LIN FT) *	19
INTAKE %: LOWER VENTING PERCENTAGE (100% - UPPER)	50%	GRAVITY VENT: VENTING NET AREA PER GRAVITY VENT (BASIS OF DESIGN - SQ.IN.) *	144
		GRAVITY VENT: VENTING NET AREA PER GRAVITY VENT (BASIS OF DESIGN - SQ. IN.) *	113
		INTAKE VENT: VENTING NET AREA PER INTAKE VENT (BASIS OF DESIGN - SQ.IN.) *	144
		* MANUFACTURER TO PROVIDE SPECIFICATIONS AND CONFIRM AVAILABLE PRODUCTS FOR USED VALUES	

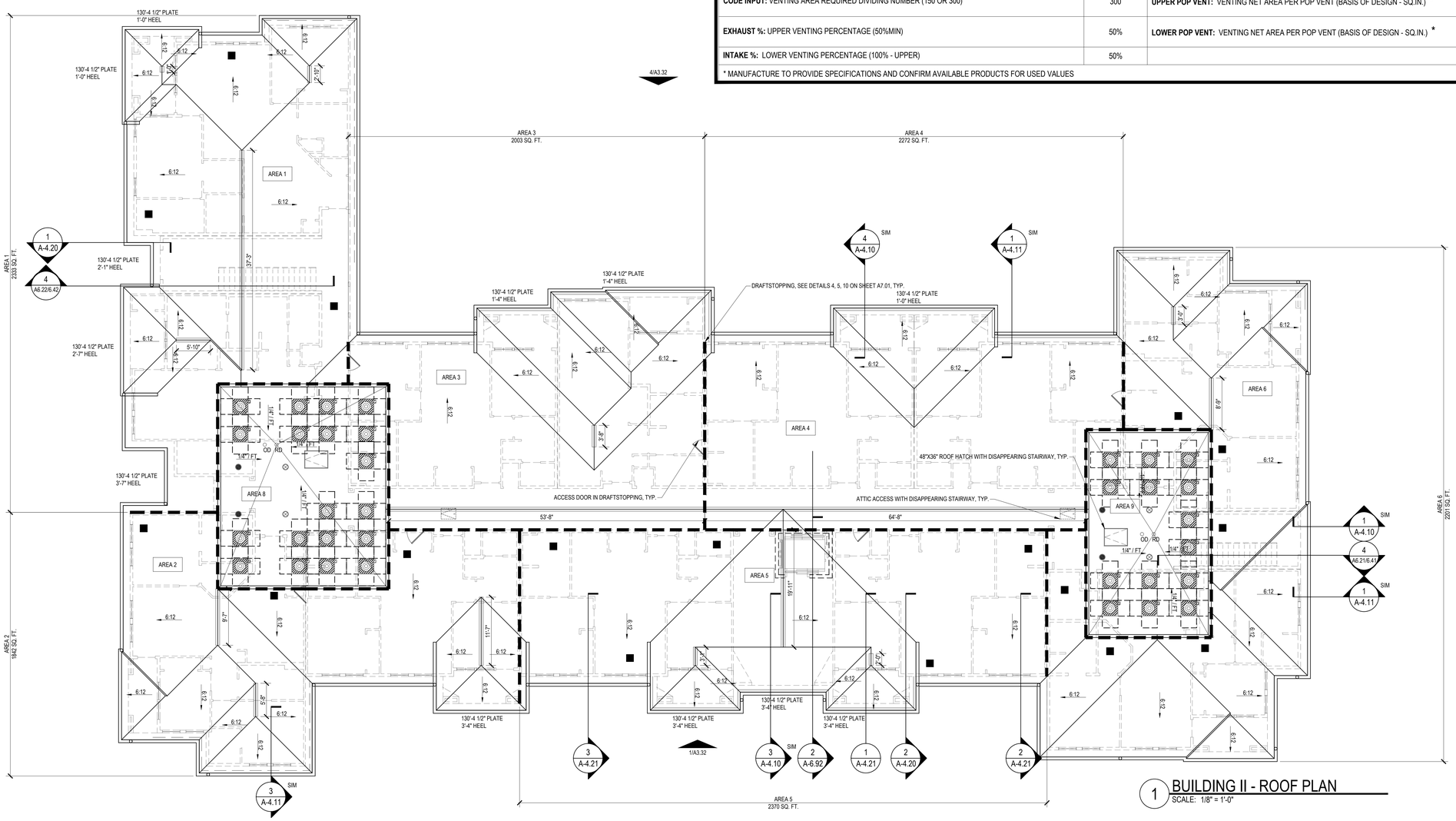
BUILDING II - FLAT ROOF

ROOF AREAS		VENTILATION AREA REQUIRED SQ IN			UPPER VENTING PROVIDED			LOWER VENTING PROVIDED			TOTAL VENTING AREA PROVIDED SQ IN
					UPPER POP VENTS PROVIDED		TOTAL	LOWER POP VENTS PROVIDED		TOTAL	
NUMBER	AREA SQ.FT.	UPPER	LOWER	TOTAL	#	SQ IN PER VENT	SQ IN	#	SQ IN PER VENT	SQ IN	
Area 7	1009 SQ. FT.	242	242	484	2	144	288	2	144	288	576
Area 8	751 SQ. FT.	180	180	361	2	144	288	2	144	288	576

FILL IN DATA:

CODE INPUT: VENTING AREA REQUIRED DIVIDING NUMBER (150 OR 300)	300	**UPPER POP VENT:** VENTING NET AREA PER POP VENT (BASIS OF DESIGN - SQ.IN.) *	144
EXHAUST %: UPPER VENTING PERCENTAGE (50%MIN)	50%	**LOWER POP VENT:** VENTING NET AREA PER POP VENT (BASIS OF DESIGN - SQ.IN.) *	144
INTAKE %: LOWER VENTING PERCENTAGE (100% - UPPER)	50%		

* MANUFACTURE TO PROVIDE SPECIFICATIONS AND CONFIRM AVAILABLE PRODUCTS FOR USED VALUES



1 BUILDING II - ROOF PLAN
SCALE: 1/8" = 1'-0"

PERMIT: 09-02-2016

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding: 09/02/16

Issue for Permit Application: 09/02/16

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Revisions:

#	DATE	COMMENTS
1	12/30/2016	HPA REVIEW

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
Reg. No. 19473
STATE OF LOUISIANA
REGISTERED ARCHITECT

HUMPHREYS & PARTNERS
ARCHITECTS / LOUISIANA, LLC
603 JULIA STREET NEW ORLEANS, LA 70130
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SHEET CONTENTS:
BUILDING TYPE II ROOF PLAN

SHEET NO.
A3.22

15557

NOTES

NOTE:

1. GUTTERS AND DOWNSPOUTS TO BE PROVIDED AT ALL EAVES.
2. 1'-2" OVERHANG AT TYPICAL U.N.O.
3. ALL ROOF DRAINS / DOWNSPOUTS ON EXTERIOR WALLS TO CONNECT DIRECTLY TO STORM WATER SYSTEM.
4. ALL DOWNSPOUTS ON STAIRS AND ELEVATOR TOWER OR ANY NOT CONNECTED DIRECTLY TO STORM WATER SYSTEM TO HAVE LEADERS AND SPLASH BLOCKS
5. DOWNSPOUT LOCATIONS ARE CONCEPTUAL IN NATURE AND MUST BE COORDINATED BY THE CONTRACTOR ON SITE WITH THE LANDSCAPING, RETAINING WALL, SIDEWALKS, AND INDIVIDUAL BUILDING ORIENTATION AND DRAINAGE TO INSURE THAT OUTFLOW FROM DOWNSPOUTS DOES NOT CROSS WALKING OR DRIVING SURFACES. IT IS THE INTENT OF THE ARCHITECT THAT GUTTER DOWNSPOUTS TERMINATE IN UNDERGROUND DRAINAGE PIPING AND CARRIED AWAY FROM THE BUILDING AND OTHER FINISHED SURFACES WHERE POSSIBLE. LOCATE DOWNSPOUTS AT INTERIOR CORNERS WHEN POSSIBLE.
6. DRAFTSTOPS LOCATED PER 2012 IBC, SECTION 718.4 ATTIC DRAFTSTOPS SHALL BE 1/2" GYPSUM OR PLYWOOD SHEATHING FIT SMOKE TIGHT TO THE ROOF DECK AND CEILING BELOW. DRAFTSTOPPING SHALL NOT EXCEED 3,000 S.F. OR 2 DWELLING UNITS.
   &/OR
   DRAFTSTOPPING IS NOT REQUIRED PER 2012 IBC, SECTIONS 718.4.2 EX.2 IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1.
   &/OR
   DRAFTSTOPPING IS NOT REQUIRED PER 2012 IBC, SECTIONS 718.4.2 EX.4 IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.2. PROVIDED THAT AUTOMATIC SPRINKLERS ARE ALSO INSTALLED IN THE COMBUSTIBLE CONCEALED SPACES WHERE THE DRAFTSTOPPING IS BEING OMITTED.
7. ALL ROOF AND FLOOR TRUSSES SHALL BE DESIGNED AND SEALED BY A REGISTERED ENGINEER IN THE STATE OF PROJECT. TRUSS SHOP DRAWINGS SHALL BE AVAILABLE AT THE JOBSITE.
8. REFER TO STRUCTURAL DRAWINGS FOR ROOF FRAMING PLANS AND SPECS.
9. PLATE AND TRUSS HEEL HEIGHTS ARE FOR DESIGN INTENT ONLY. TRUSS MANUFACTURER TO VERIFY.
10. REFER TO STRUCTURAL DRAWINGS AND TRUSS FABRICATION DRAWINGS FOR EXACT PLATE AND HEEL HEIGHTS.
11. PROVIDE WALKWAY PADS TO AND AROUND ALL ROOFTOP MECHANICAL EQUIPMENT.
12. PROVIDE MIN. CLEARANCE TO ADJACENT EQUIPMENT, WALLS OR CURBS AT MECHANICAL ROOFTOP EQUIPMENT AND PENETRATIONS AS REQUIRED BY EQUIPMENT MANUFACTURER (BUT NOT LESS THAN 24").
13. ATTIC ACCESS PANELS TO BE 22" X 30" WITH A 30" VERTICAL CLEARANCE. U.N.O. REF. 15/A7.03
14. PROVIDE ICE AND SNOW DAM PROTECTION W/43 MIL. PEEL AND STICK ELASTOMERIC MEMBRANE AT VALLEYS, EAVES (36" MIN WIDTH OVER HEATED AREA) AND SHED ROOFS.
15. PROVIDE ONE DEPTH MARKER EVERY 300 SQ. FT. IN ATTIC AREAS RECEIVING BLOWN INSULATION. MARKERS SHALL BE CLEARLY READABLE FROM THE ATTIC ACCESS.
16. PROVIDE 30 YEAR WARRANTY ON SHINGLES, REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
17. TPO ROOF TO BE 60 MIL, REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL LEGEND - ROOF PLANS

- DRAFTSTOP
- ROOF SIDE WALL
- 12'-0" RAISED CEILING LOCATIONS 3/12 PITCH VAULTED CEILING LOCATIONS
- ICE DAM SHIELD
- 22" X 30" LOCKABLE ATTIC ACCESS
- ATTIC DRAFTSTOP ACCESS DOOR
- 48" X 36" BILCO 2-HR RATED LOCKABLE ROOF HATCH WITH LAPEYRE 68° ALTERNATING TREAD DEVICE
- 1/4" / FT SLOPE DIRECTION
- X-12 RIDGE VENT 12" WIDE BASIS OF DESIGN - AIR VENT, INC. SHINGLEVENT II, 17 SQ. IN. / FT. NET FREE AREA)
- CONTINUOUS SOFFIT VENT BASIS OF DESIGN TAMLYN CUV8WW 19 SQ. IN. PER LINEAR FOOT
- X/AX.XX EXTERIOR ELEVATION TAG
- 14 1/2" X 14 1/2" GRAVITY ROOF VENT, 144 SQ. IN. NET FREE AREA BASIS OF DESIGN - AIR VENT B-144 ROOF VENT - REF 21/A7.03
- INTAKE ROOF VENT BASIS OF DESIGN - ACTIVE VENTILATION PROD., INC. - PV-14 144 SQ. IN. NET FREE AREA
- EXHAUST ROOF VENT BASIS OF DESIGN - ACTIVE VENTILATION PROD., INC. - AV-14 144 SQ. IN. NET FREE AREA
- ROOFTOP CONDENSING UNIT ON CONDENSING PADS, AS SPECIFIED, REF. MECH. MAINTAIN 24" CLEAR SPACE AROUND PERIMETER OF UNITS
- RD 4" ROOF DRAIN WITH OVERFLOW REF. MEP
- OVF-S OVERFLOW SCUPPER
- 6"x6" GUTTER
- DS 6" DOWN SPOUT (DS)
- X/AX.XX WALL SECTION TAG

BUILDING IIA - PITCHED ROOF

ROOF AREAS		VENTILATION AREA REQUIRED SQ IN			UPPER VENTING PROVIDED					LOWER VENTING PROVIDED					TOTAL VENTING AREA PROVIDED SQ IN
					RIDGE VENTS PROVIDED		GRAVITY VENTS PROVIDED		TOTAL	SOFFIT VENTS PROVIDED		INTAKE VENTS PROVIDED		TOTAL	
NUMBER	AREA SQ.FT.	UPPER	LOWER	TOTAL	LINEAR FOOT	SQ IN	#	SQ IN	SQ IN	LINEAR FOOT	SQ IN	#	SQ IN	SQ IN	
Area 1	2333 SQ. FT.	1,120	1,120	2,239	41'-1"	694	3	432	1126	60'-0"	1,128	0	0	1128	2254
Area 2	1842 SQ. FT.	884	884	1,768	26'-9"	452	3	432	884	47'-6"	893	0	0	893	1777
Area 3	2003 SQ. FT.	962	962	1,923	57'-3"	968	0	0	968	51'-6"	968	0	0	968	1936
Area 4	2272 SQ. FT.	1,091	1,091	2,181	64'-8"	1,093	0	0	1093	58'-0"	1,090	0	0	1090	2183
Area 5	2370 SQ. FT.	1,138	1,138	2,275	24'-11"	421	5	720	1141	61'-1"	1,148	0	0	1148	2289
Area 6	2201 SQ. FT.	1,057	1,057	2,113	11'-9"	199	6	864	1063	56'-3"	1,058	0	0	1058	2120

FILL IN DATA:

CODE INPUT: VENTING AREA REQUIRED DIVIDING NUMBER (150 OR 300)	150	RIDGE VENT: VENTING NET AREA PER LINEAR FOOT OF RIDGE VENT (BASIS OF DESIGN - SQ.IN/LIN FT) *	17
EXHAUST %: UPPER VENTING PERCENTAGE (50%MIN)	50%	SOFFIT VENT: VENTING NET AREA PER LINEAR FOOT OF SOFFIT VENT (BASIS OF DESIGN - SQ.IN/LIN FT) *	19
INTAKE %: LOWER VENTING PERCENTAGE (100% - UPPER)	50%	GRAVITY VENT: VENTING NET AREA PER GRAVITY VENT (BASIS OF DESIGN - SQ.IN.) *	144
		GRAVITY VENT: VENTING NET AREA PER GRAVITY VENT (BASIS OF DESIGN - SQ. IN.) *	113
		INTAKE VENT: VENTING NET AREA PER INTAKE VENT (BASIS OF DESIGN - SQ.IN.) *	144
		* MANUFACTURER TO PROVIDE SPECIFICATIONS AND CONFIRM AVAILABLE PRODUCTS FOR USED VALUES	

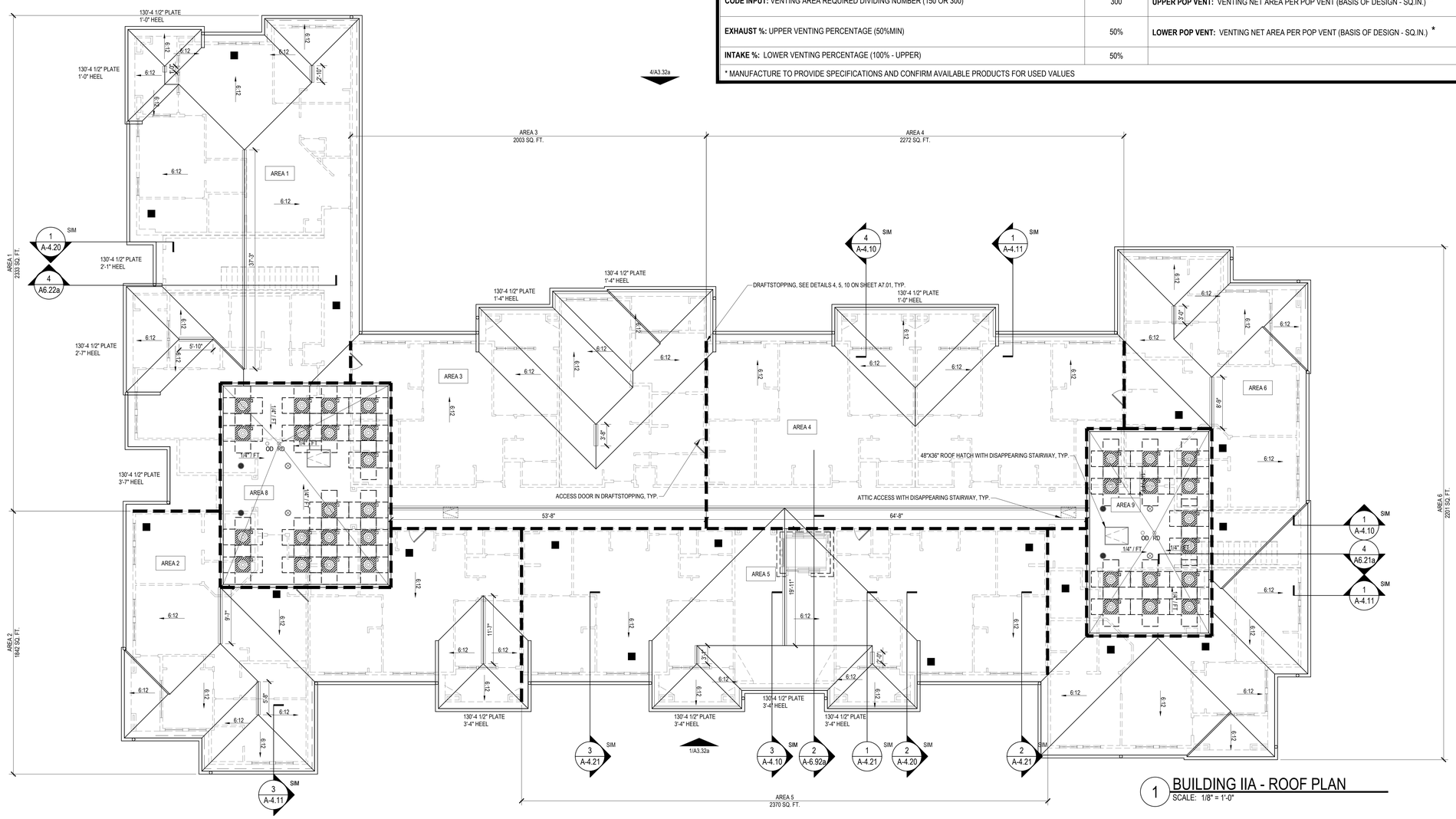
BUILDING IIA - FLAT ROOF

ROOF AREAS		VENTILATION AREA REQUIRED SQ IN			UPPER VENTING PROVIDED			LOWER VENTING PROVIDED			TOTAL VENTING AREA PROVIDED SQ IN
					UPPER POP VENTS PROVIDED		TOTAL	LOWER POP VENTS PROVIDED		TOTAL	
NUMBER	AREA SQ.FT.	UPPER	LOWER	TOTAL	#	SQ IN PER VENT	SQ IN	#	SQ IN PER VENT	SQ IN	
Area 7	1009 SQ. FT.	242	242	484	2	144	288	2	144	288	576
Area 8	751 SQ. FT.	180	180	361	2	144	288	2	144	288	576

FILL IN DATA:

CODE INPUT: VENTING AREA REQUIRED DIVIDING NUMBER (150 OR 300)	300	**UPPER POP VENT:** VENTING NET AREA PER POP VENT (BASIS OF DESIGN - SQ.IN.) *	144
EXHAUST %: UPPER VENTING PERCENTAGE (50%MIN)	50%	**LOWER POP VENT:** VENTING NET AREA PER POP VENT (BASIS OF DESIGN - SQ.IN.) *	144
INTAKE %: LOWER VENTING PERCENTAGE (100% - UPPER)	50%		

* MANUFACTURE TO PROVIDE SPECIFICATIONS AND CONFIRM AVAILABLE PRODUCTS FOR USED VALUES



1 BUILDING IIA - ROOF PLAN
SCALE: 1/8" = 1'-0"

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16
Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
1	12/30/2016	HPA REVIEW

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TARA A. DESANDRO
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SHEET CONTENTS:
BUILDING TYPE IIA ROOF PLAN

SHEET NO.
A3.22a

PERMIT: 09-02-2016

15557

BUILDING III

ROOF AREAS		VENTILATION AREA REQUIRED SQ IN			UPPER VENTING PROVIDED					LOWER VENTING PROVIDED					TOTAL VENTING AREA PROVIDED SQ IN
					RIDGE VENTS PROVIDED		GRAVITY VENTS PROVIDED		TOTAL	SOFFIT VENTS PROVIDED		INTAKE VENTS PROVIDED		TOTAL	
NUMBER	AREA SQ.FT.	UPPER	LOWER	TOTAL	LINEAR FOOT	SQ IN	#	SQ IN	SQ IN	LINEAR FOOT	SQ IN	#	SQ IN	SQ IN	
Area 1	2100 SQ. FT.	1,008	1,008	2,016	17'-5"	294	5	720	1014	54'-0"	1,015	0	0	1015	2030
Area 2	1694 SQ. FT.	813	813	1,626	5'-7"	94	5	720	814	43'-8"	821	0	0	821	1635
Area 3	1292 SQ. FT.	620	620	1,240	20'-2"	341	2	288	629	33'-5"	628	0	0	628	1257
Area 4	2151 SQ. FT.	1,032	1,032	2,065	61'-1"	1,032	0	0	1032	55'-0"	1,034	0	0	1034	2066
Area 5	2244 SQ. FT.	1,077	1,077	2,154	63'-10"	1,079	0	0	1079	57'-6"	1,081	0	0	1081	2160
Area 6	1435 SQ. FT.	689	689	1,378	7'-0"	118	4	576	694	36'-10"	692	0	0	692	1387
Area 7	1718 SQ. FT.	825	825	1,650	23'-6"	397	3	432	829	44'-2"	830	0	0	830	1659

FILL IN DATA:

CODE INPUT: VENTING AREA REQUIRED DIVIDING NUMBER (150 OR 300)	150	RIDGE VENT: VENTING NET AREA PER LINEAR FOOT OF RIDGE VENT (BASIS OF DESIGN - SQ.IN/LIN FT) *	17
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		* MANUFACTURER TO PROVIDE SPECIFICATIONS AND CONFIRM AVAILABLE PRODUCTS FOR USED VALUES	

BUILDING III - FLAT ROOF

ROOF AREAS		VENTILATION AREA REQUIRED SQ IN			UPPER VENTING PROVIDED			LOWER VENTING PROVIDED			TOTAL VENTING AREA PROVIDED SQ IN
					UPPER POP VENTS PROVIDED		TOTAL	LOWER POP VENTS PROVIDED		TOTAL	
NUMBER	AREA SQ.FT.	UPPER	LOWER	TOTAL	#	SQ IN PER VENT	SQ IN	#	SQ IN PER VENT	SQ IN	
Area 8	992 SQ. FT.	238	238	476	2	144	288	2	144	288	576
Area 9	1320 SQ. FT.	317	317	633	3	144	432	3	144	432	864

FILL IN DATA:

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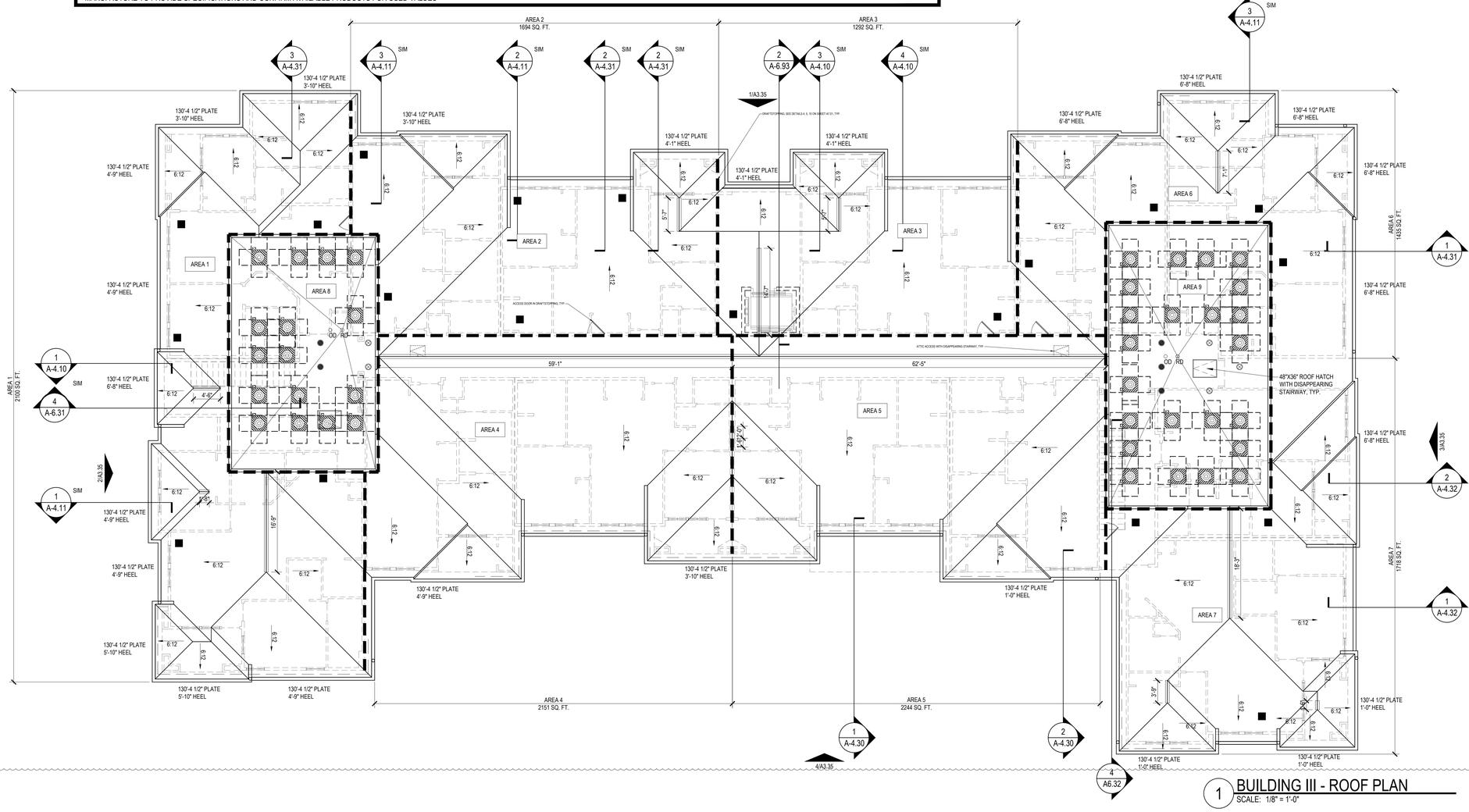
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NOTES

NOTE:
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5. DOWNSPOUT LOCATIONS ARE CONCEPTUAL IN NATURE AND MUST BE COORDINATED BY THE CONTRACTOR ON SITE WITH THE LANDSCAPING, RETAINING WALL, SIDEWALKS, AND INDIVIDUAL BUILDING ORIENTATION AND DRAINAGE TO INSURE THAT OUTFLOW FROM DOWNSPOUTS DOES NOT CROSS WALKING OR DRIVING SURFACES. IT IS THE INTENT OF THE ARCHITECT THAT GUTTER DOWNSPOUTS TERMINATE IN UNDERGROUND DRAINAGE PIPING AND CARRIED AWAY FROM THE BUILDING AND OTHER FINISHED SURFACES WHERE POSSIBLE. LOCATE DOWNSPOUTS AT INTERIOR CORNERS WHEN POSSIBLE.
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13. ATTIC ACCESS PANELS TO BE 22" X 30" WITH A 30" VERTICAL CLEARANCE. U.N.O. REF. 15/A7.03
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SYMBOL LEGEND - ROOF PLANS

- DRAFTSTOP
- ROOF SIDE WALL
- 12"-0" RAISED CEILING LOCATIONS 3/12 PITCH VAULTED CEILING LOCATIONS
- ICE DAM SHIELD
- 22" X 30" LOCKABLE ATTIC ACCESS
- ATTIC DRAFTSTOP ACCESS DOOR
- 48" X 36" BILCO 2-HR RATED LOCKABLE ROOF HATCH WITH LAPEYRE 68° ALTERNATING TREAD DEVICE
- 1/4" / FT. X:12 SLOPE DIRECTION
- RIDGE VENT 12" WIDE BASIS OF DESIGN - AIR VENT, INC. SHINGLE VENT II, 17 SQ. IN. / FT. NET FREE AREA
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- X/AX.XX EXTERIOR ELEVATION TAG
- 14 1/2" X 14 1/2" GRAVITY ROOF VENT., 144 SQ. IN. NET FREE AREA BASIS OF DESIGN - AIR VENT B-144 ROOF VENT - REF 21/A7.03
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- X/AX.XX WALL SECTION TAG



1 BUILDING III - ROOF PLAN
SCALE: 1/8" = 1'-0"

THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for	Date
Pricing / Bidding:	09/02/16
Permit Application:	09/02/16
Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

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TAYLOR A. DeSANTIS
LIC. No. 32,
STATE OF LOUISIANA
REGISTERED ARCHITECT

SHEET CONTENTS:
BUILDING TYPE III
ROOF PLAN

SHEET NO.
A3.23

PERMIT: 09-02-2016

15557



SYMBOL LEGEND - ELEVATIONS

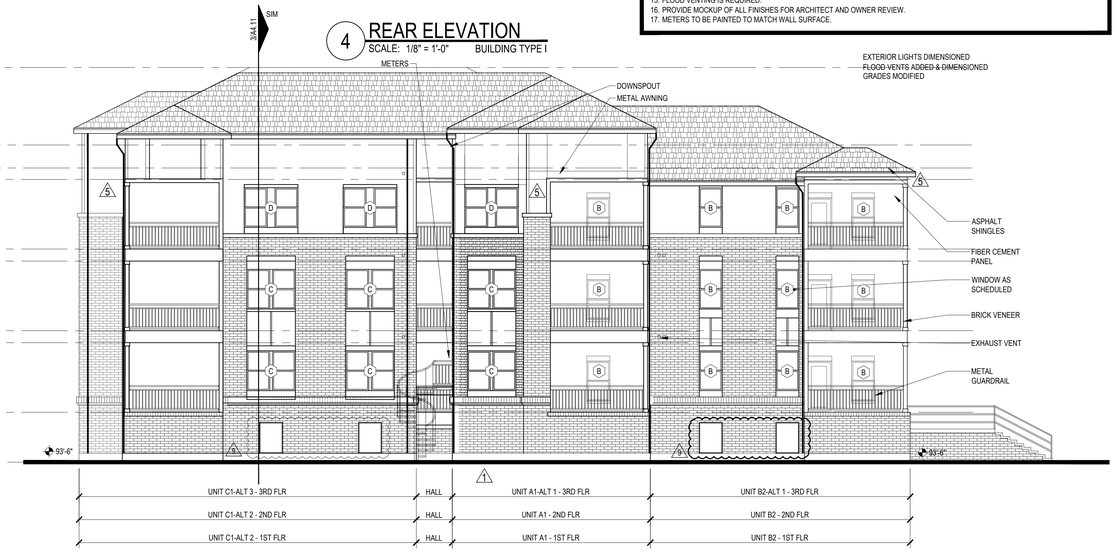
- DOOR TAG
- WINDOW TAG
- WALL SECTION TAG
- DETAIL SECTION TAG
- SLOPE TAGS
- T.O.P. 100'-0" XTH FLOOR — TOP OF PLATE
- T.O.D. 100'-0" XTH FLOOR — TOP OF DECK
- T.O.H. 100'-0" XTH FLOOR — TOP OF HEEL
- T.O.S. 100'-0" XTH FLOOR — TOP OF SLAB
- F.F. 100'-0" — FINISH FLOOR
- BRICK VENEER
- MANUFACTURED STONE
- FIBER CEMENT SIDING
- FIBER CEMENT PANEL
- COMPOSITION SHINGLES

ELEVATION NOTES

1. PROVIDE 1/2" MINIMUM OF SLOPE AWAY FROM WALL ON TOP SURFACE OF WALL PROJECTIONS.
2. MOUNT ALL EXTERIOR WALL LIGHT FIXTURES WHERE BOTTOM OF LIGHT FIXTURE IS AT 6'-8" A.F.F. WHERE THEY PROJECT MORE THAN 4" FROM FACE OF WALL.
3. REFER TO CIVIL AND STRUCTURAL DRAWINGS FOR F.F.E. AND SLAB BREAKS
4. FLASHING, WATERPROOF MEMBRANES, PROPER CAULKS AND SEALANTS (BACKER RODS AS REQUIRED) SHALL BE INSTALLED AROUND ALL WINDOWS, DOORS, ROOF OPENINGS, HORIZONTAL AND VERTICAL JOINTS OF DISSIMILAR MATERIALS, MATERIAL TRANSITIONS, TRIMS, BALCONIES AND OTHER WEATHER EXPOSED AREAS.
5. PROVIDE A WATER TIGHT BUILDING(S), ROOF AND EXTERIOR ENVELOPE THAT SHEDS WATER PROPERLY.
6. ALL PATIOS, PORCHES, BALCONIES, AND SIDEWALKS TO BE SLOPED 1/4" PER 1'-0" MINIMUM IN DIRECTION INDICATED ON PLANS AND AWAY FROM EXTERIOR WALLS.
7. GRADES AROUND ALL EXTERIOR WALLS OF THE BUILDING TO BE 8 INCHES MINIMUM BELOW THE FINISHED FLOOR AND IS TO SLOPE AWAY FROM THE BUILDING 5% MIN FOR 10' PER IBC 1804.3.
8. GRADE ELEVATIONS ARE APPROXIMATE. REFER TO CIVIL & HARDSCAPE DRAWINGS FOR FINE GRADING.
9. PROJECT ADDRESS SIGNAGE TO BE 12" HT. INDIVIDUAL MOUNT, METAL REVERSE PAN CHANNEL NUMBER, STREET NUMBERS ONLY.
10. SIGNS ARE FOR REFERENCE ONLY. ALL SIGNS SHALL BE REVIEWED AND INSTALLED UNDER SEPARATE PERMIT.
11. ALL EXTERIOR COLORS, FINISHES, AND DECORATIVE TRIM BANDS TO TERMINATE AT AN INSIDE CORNER, U.N.O.
12. ALIGN ALL MECHANICAL VENTS BOTH HORIZONTALLY AND VERTICALLY.
13. PER 2012 IBC SECTION 1406.2.2(2), ARCHITECTURAL TRIM THAT EXCEEDS 40'-0" AFG IN HEIGHT ON BUILDING (I-B, III) CONSTRUCTION) SHALL BE OF APPROVED, NON-COMBUSTIBLE MATERIALS AND SHALL BE SECURED TO THE WALL WITH METAL OR OTHER APPROVED, NON-COMBUSTIBLE BRACKETS.
14. PITCHED ROOFS, CRICKETS, DORMERS, ETC. TO HAVE A MINIMUM ROOF PITCH OF 4:12. REFER TO ROOF PLAN FOR ROOF PITCHES.
15. FLOOD VENTING IS REQUIRED.
16. PROVIDE MOCKUP OF ALL FINISHES FOR ARCHITECT AND OWNER REVIEW.
17. METERS TO BE PAINTED TO MATCH WALL SURFACE.

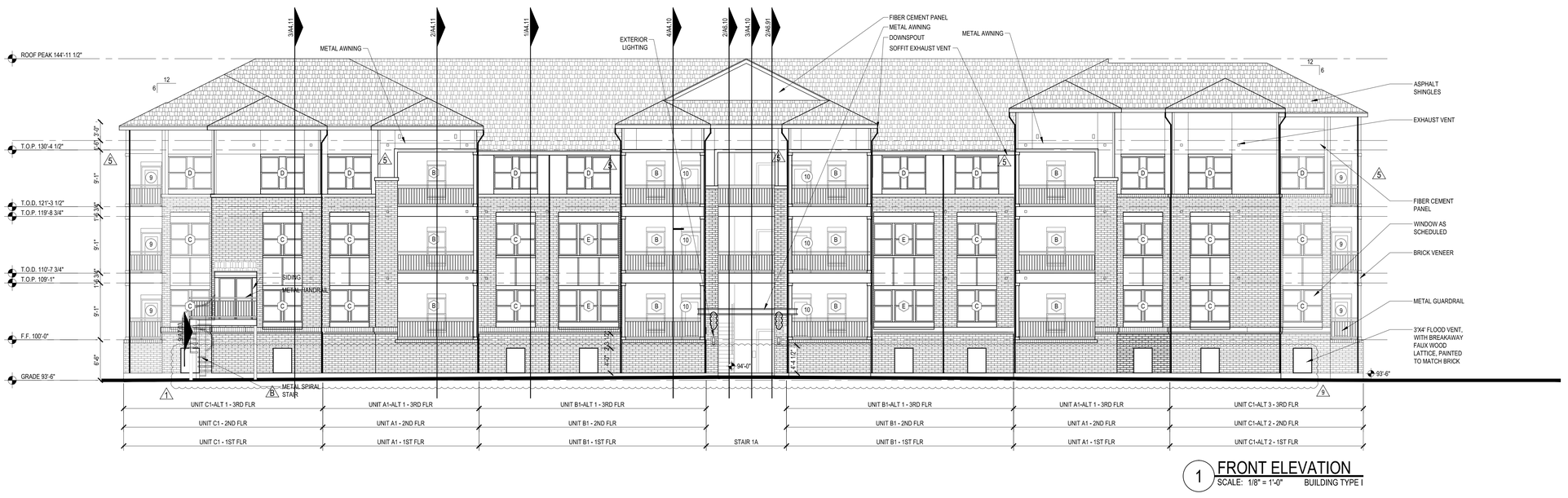


3 LEFT ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE I



2 RIGHT ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE I

4 REAR ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE I



1 FRONT ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE I

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
B	06/08/2017	COORDINATION
1	9/22/2017	REVISION 1
5	01/19/2018	VE REVISIONS
5	05-11-18	ASI 4

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

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ARCHITECTS / LOUISIANA, LLC
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DALLAS : CHICAGO : NEW ORLEANS : NEW YORK : NEWPORT BEACH : ORLANDO
SAN RAMON : SCOTTSDALE : EDMONTON : TORONTO : MONTEVIDEO
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DANTA A. DeSANDRO
Lic. No. 34,
ASSOCIATE
STATE OF LOUISIANA
REGISTERED ARCHITECT

SHEET CONTENTS:
BUILDING TYPE I
EXTERIOR ELEVATIONS

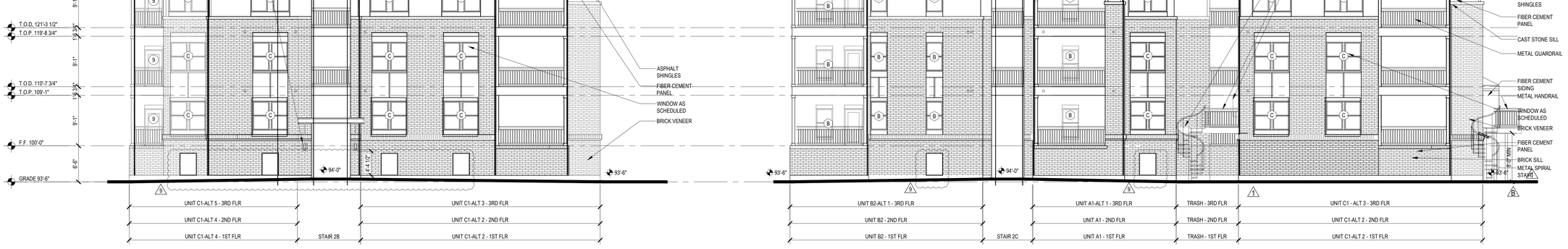
SHEET NO.
A3.31

ASI 004: 05-21-2018

15557

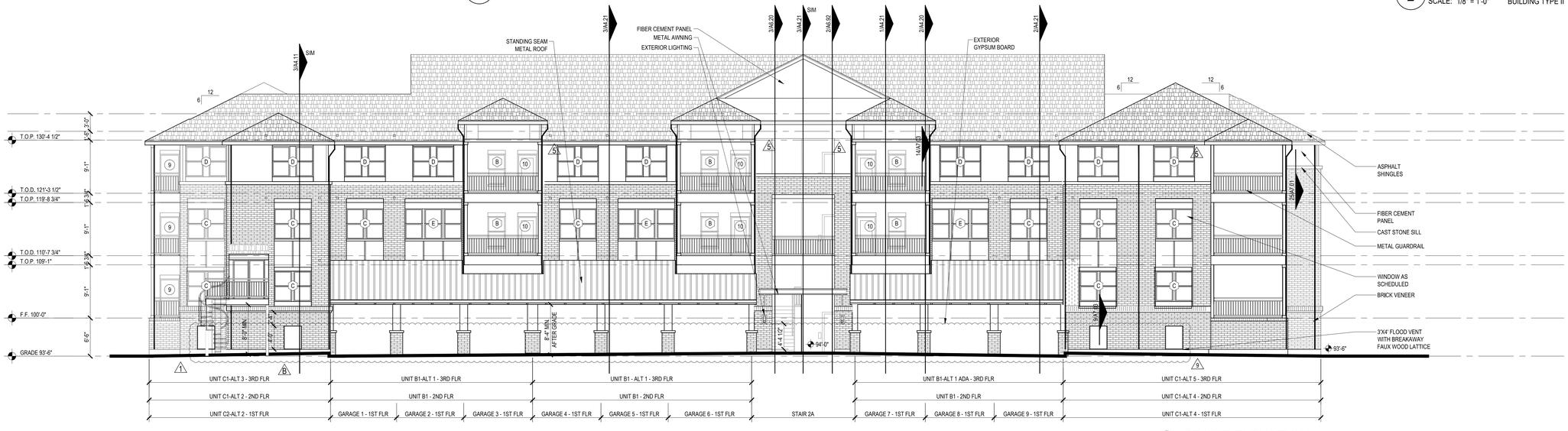


4 REAR ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE II



3 RIGHT ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE II

2 LEFT ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE II



1 FRONT ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE II

SYMBOL LEGEND - ELEVATIONS

- DOOR TAG
- WINDOW TAG
- WALL SECTION TAG
- DETAIL SECTION TAG
- SLOPE TAGS
- T.O.P. 100'-0" XTH FLOOR — TOP OF PLATE
- T.O.D. 100'-0" XTH FLOOR — TOP OF DECK
- T.O.H. 100'-0" XTH FLOOR — TOP OF HEEL
- T.O.S. 100'-0" XTH FLOOR — TOP OF SLAB
- F.F. 100'-0" — FINISH FLOOR
- BRICK VENEER
- MANUFACTURED STONE
- FIBER CEMENT SIDING
- FIBER CEMENT PANEL
- COMPOSITION SHINGLES

ELEVATION NOTES

1. PROVIDE 1/2" MINIMUM OF SLOPE AWAY FROM WALL ON TOP SURFACE OF WALL PROJECTIONS.
2. MOUNT ALL EXTERIOR WALL LIGHT FIXTURES WHERE BOTTOM OF LIGHT FIXTURE IS AT 6'-8" A.F.F. WHERE THEY PROJECT MORE THAN 4" FROM FACE OF WALL.
3. REFER TO CIVIL AND STRUCTURAL DRAWINGS FOR F.F.E. AND SLAB BREAKS
4. FLASHING, WATERPROOF MEMBRANES, PROPER CAULKS AND SEALANTS (BACKER RODS AS REQUIRED) SHALL BE INSTALLED AROUND ALL WINDOWS, DOORS, ROOF OPENINGS, HORIZONTAL AND VERTICAL JOINTS OF DISSIMILAR MATERIALS, MATERIAL TRANSITIONS, TRIMS, BALCONIES AND OTHER WEATHER EXPOSED AREAS.
5. PROVIDE A WATER TIGHT BUILDING(S), ROOF AND EXTERIOR ENVELOPE THAT SHEDS WATER PROPERLY.
6. ALL PATIOS, PORCHES, BALCONIES, AND SIDEWALKS TO BE SLOPED 1/4" PER 1'-0" MINIMUM IN DIRECTION INDICATED ON PLANS AND AWAY FROM EXTERIOR WALLS.
7. GRADES AROUND ALL EXTERIOR WALLS OF THE BUILDING TO BE 8 INCHES MINIMUM BELOW THE FINISHED FLOOR AND IS TO SLOPE AWAY FROM THE BUILDING 5% MIN FOR 10' PER IBC 1804.3.
8. GRADE ELEVATIONS ARE APPROXIMATE. REFER TO CIVIL & HARDSCAPE DRAWINGS FOR FINE GRADING.
9. PROJECT ADDRESS SIGNAGE TO BE 12" HT. INDIVIDUAL MOUNT, METAL REVERSE PAN CHANNEL NUMBER, STREET NUMBERS ONLY.
10. SIGNS ARE FOR REFERENCE ONLY. ALL SIGNS SHALL BE REVIEWED AND INSTALLED UNDER SEPARATE PERMIT.
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16. PROVIDE MOCKUP OF ALL FINISHES FOR ARCHITECT AND OWNER REVIEW.
17. METERS TO BE PAINTED TO MATCH WALL SURFACE.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
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3	05-11-18	ASI 4

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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

JANA A. DESANDRO
Reg. No. 7043
REGISTERED
ARCHITECT
STATE OF LOUISIANA

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SHEET CONTENTS:
BUILDING TYPE II
EXTERIOR ELEVATIONS

SHEET NO.
A3.32

ASI 004: 05-21-2018

15557

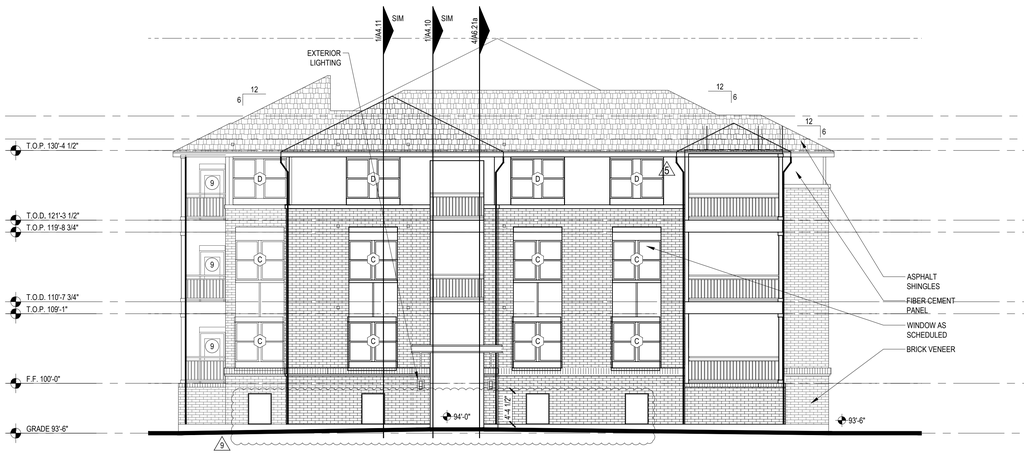


SYMBOL LEGEND - ELEVATIONS

- 1 — DOOR TAG
- A — WINDOW TAG
- XX — WALL SECTION TAG
- XX / XX.XX — DETAIL SECTION TAG
- 5/12 — SLOPE TAGS
- T.O.P. 100'-0" XTH FLOOR — TOP OF PLATE
- T.O.D. 100'-0" XTH FLOOR — TOP OF DECK
- T.O.H. 100'-0" XTH FLOOR — TOP OF HEEL
- T.O.S. 100'-0" XTH FLOOR — TOP OF SLAB
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- BRICK VENEER
- MANUFACTURED STONE
- FIBER CEMENT SIDING
- FIBER CEMENT PANEL
- COMPOSITION SHINGLES

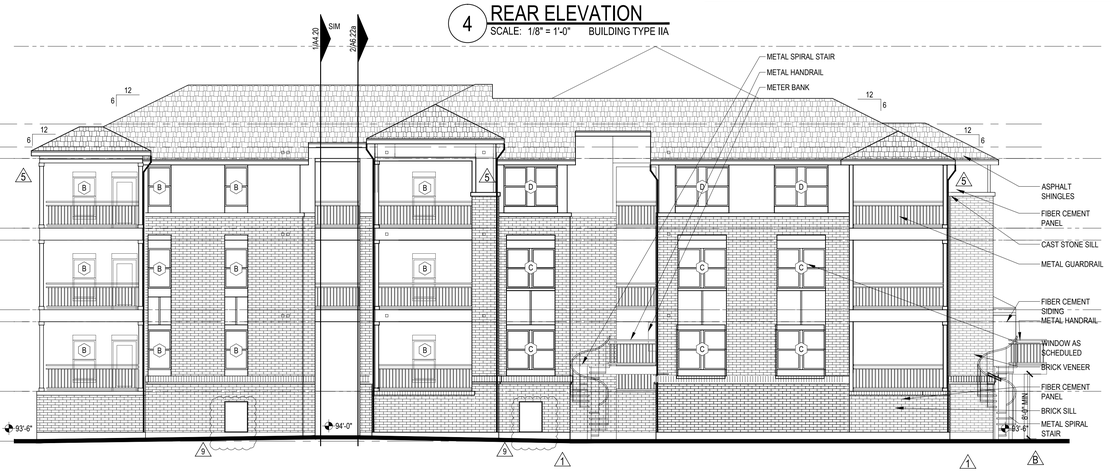
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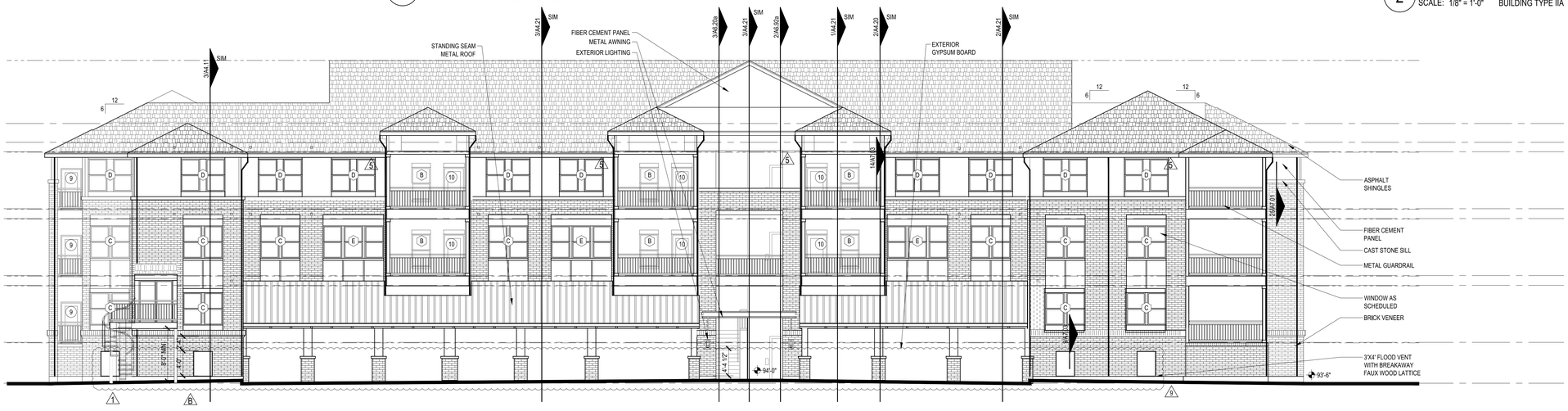
4 REAR ELEVATION

SCALE: 1/8" = 1'-0" BUILDING TYPE IIA



3 RIGHT ELEVATION

SCALE: 1/8" = 1'-0" BUILDING TYPE IIA



2 LEFT ELEVATION

SCALE: 1/8" = 1'-0" BUILDING TYPE IIA

1 FRONT ELEVATION

SCALE: 1/8" = 1'-0" BUILDING TYPE IIA

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

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5	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY

301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
Reg. No. 7543
REGISTERED
ARCHITECT
STATE OF LOUISIANA
ELECTRONICALLY SIGNED AND SEALED

HUMPHREYS & PARTNERS
ARCHITECTS / LOUISIANA, LLC
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SHEET CONTENTS:
BUILDING TYPE IIA
EXTERIOR ELEVATIONS

SHEET NO.

A3.32a

15557

ASI 004: 05-21-2018



SYMBOL LEGEND - ELEVATIONS

- DOOR TAG
- WINDOW TAG
- WALL SECTION TAG
- DETAIL SECTION TAG
- SLOPE TAGS
- T.O.P. 100'-0" XTH FLOOR — TOP OF PLATE
- T.O.D. 100'-0" XTH FLOOR — TOP OF DECK
- T.O.H. 100'-0" XTH FLOOR — TOP OF HEEL
- T.O.S. 100'-0" XTH FLOOR — TOP OF SLAB
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- FIBER CEMENT PANEL
- COMPOSITION SHINGLES

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16. PROVIDE MOCKUP OF ALL FINISHES FOR ARCHITECT AND OWNER REVIEW.
17. METERS TO BE PAINTED TO MATCH WALL SURFACE.



4 REAR ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE III

3 LEFT ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE III

2 RIGHT ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE III

1 FRONT ELEVATION
SCALE: 1/8" = 1'-0" BUILDING TYPE III

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

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THE LOFTS AT CANTERBURY

301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

NOT FOR CONSTRUCTION FOR BIDDING PURPOSES ONLY

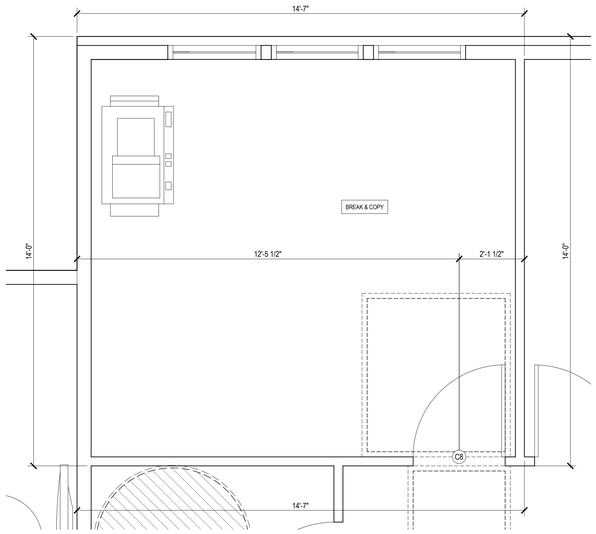
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PERMIT: 09-02-2016

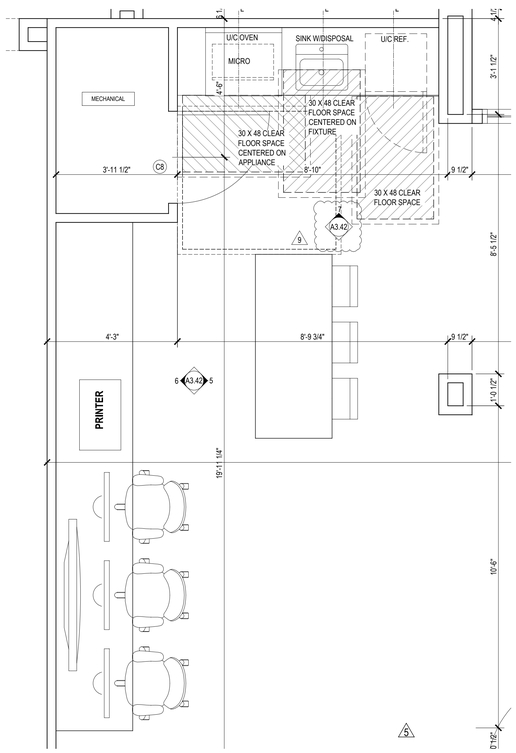
SHEET CONTENTS:
BUILDING TYPE III
EXTERIOR ELEVATIONS

SHEET NO.
A3.33

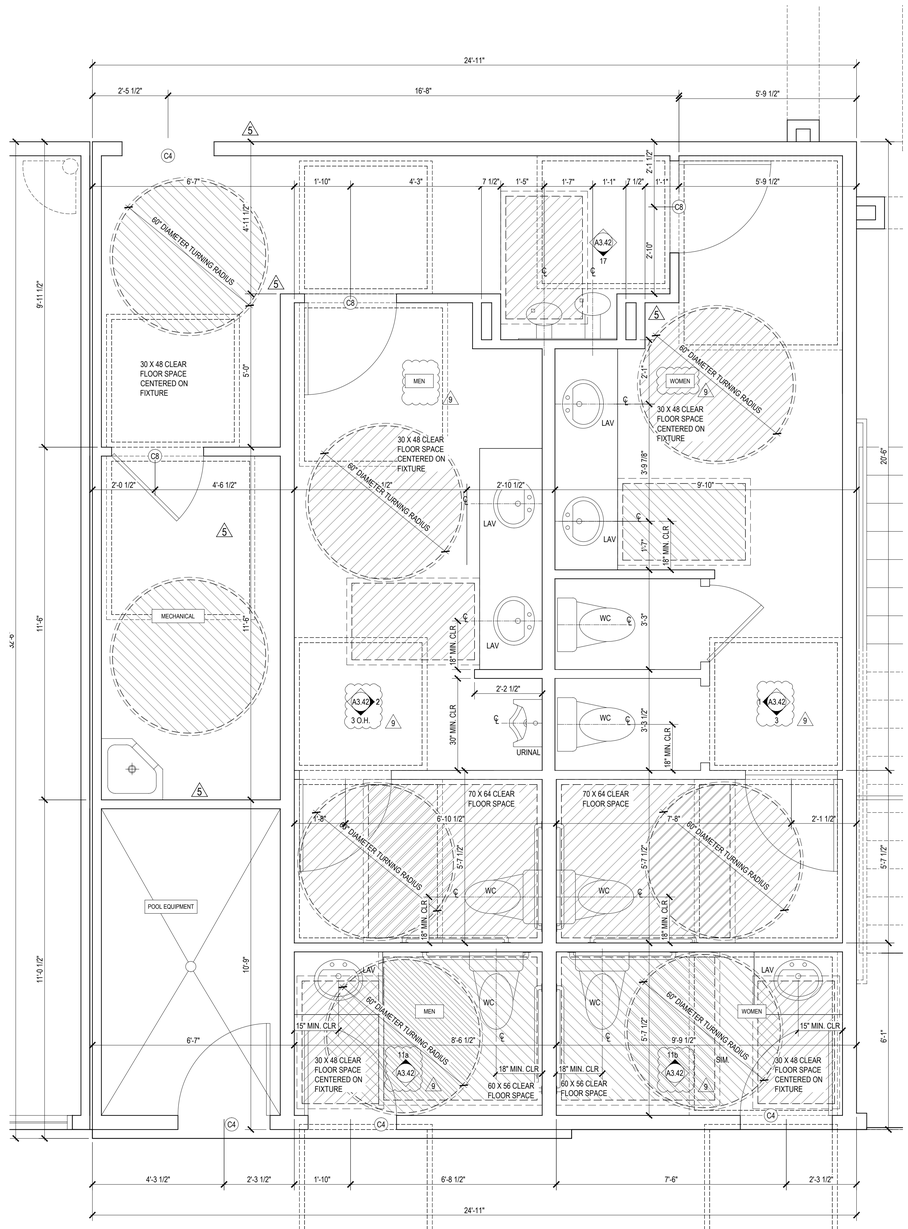
15557



3 CLUBHOUSE BREAK AND COPY ROOM
SCALE: 1/2" = 1'-0"



2 CYBER CAFE KITCHENETTE
SCALE: 1/2" = 1'-0"



1 CLUBHOUSE TOILETS
SCALE: 1/2" = 1'-0"

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
REG. NO. 31621
STATE OF LOUISIANA
REGISTERED ARCHITECT

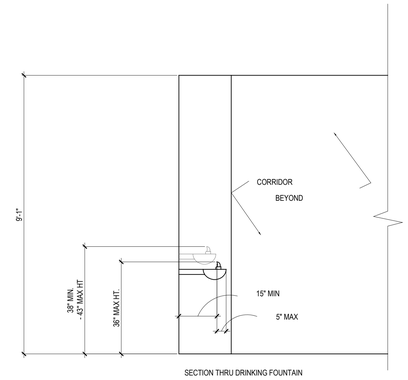
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SHEET CONTENTS:
CLUBHOUSE
ENLARGED PLANS

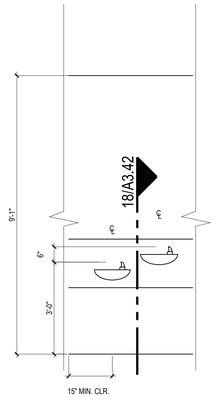
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A3.41

ASI 004: 05-21-2018

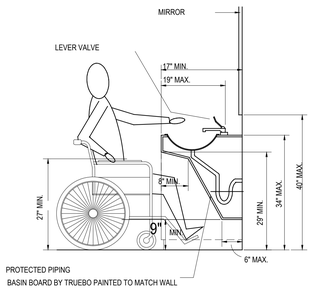
15557



18 DRINKING FOUNTAIN
SCALE: 1/2" = 1'-0"



17 DRINKING FOUNTAIN
SCALE: 1/2" = 1'-0"



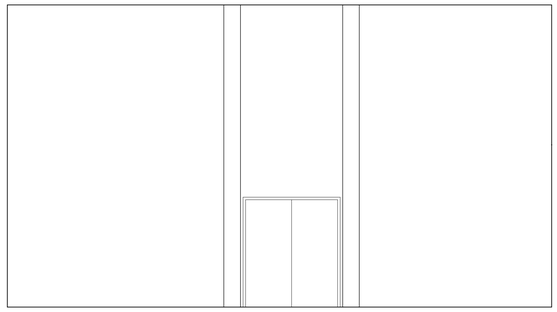
16 SECTION AT SINK
SCALE: 1/2" = 1'-0"

NOTES:

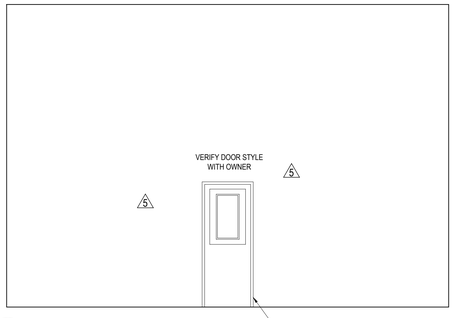
1. WALLS WITHIN 2' OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE, TO A HEIGHT OF 4'-0" MIN. AFF. REFER TO ID DRAWINGS FOR FINISH SELECTIONS, LOCATIONS AND HEIGHTS
2. ANY COAT/ROBE HOOKS PROVIDED MUST BE MOUNTED BETWEEN 36-48"
3. COORDINATE CABINETS WITH APPLIANCE DIMENSIONS

15 NOT USED
SCALE: 1/4" = 1'-0"

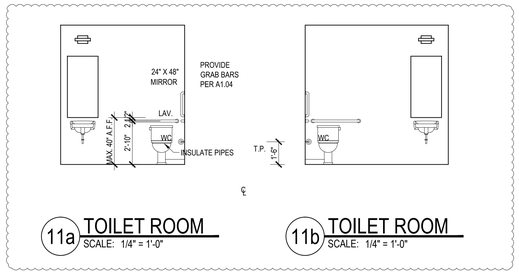
14 NOT USED
SCALE: 1/4" = 1'-0"



13 FITNESS
SCALE: 1/4" = 1'-0"

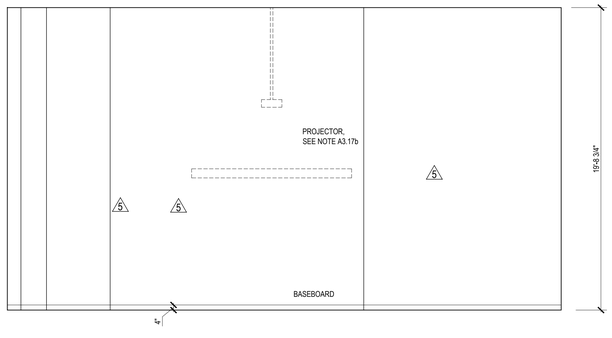


12 CLUB / LOUNGE
SCALE: 1/4" = 1'-0"

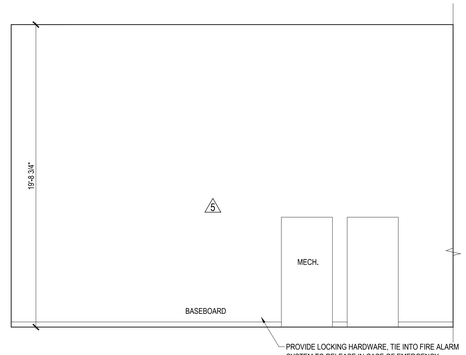


11a TOILET ROOM
SCALE: 1/4" = 1'-0"

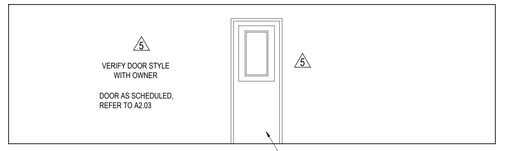
11b TOILET ROOM
SCALE: 1/4" = 1'-0"



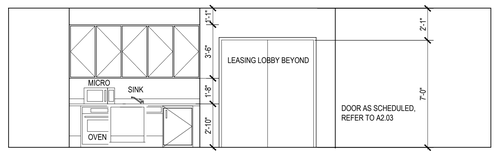
10 CLUB / LOUNGE
SCALE: 1/4" = 1'-0"



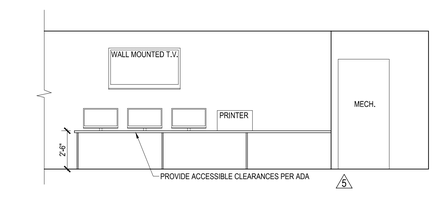
9 CLUB / LOUNGE
SCALE: 1/4" = 1'-0"



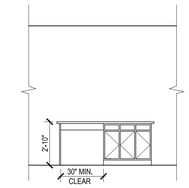
8 CYBER CAFE
SCALE: 1/4" = 1'-0"



7 CYBER CAFE
SCALE: 1/4" = 1'-0"

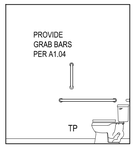


6 CYBER CAFE ISLAND
SCALE: 1/4" = 1'-0"

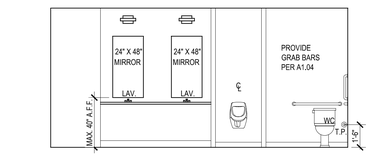


5 CYBER CAFE ISLAND
SCALE: 1/4" = 1'-0"

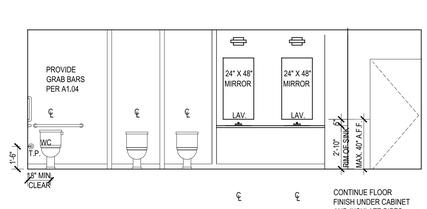
4 NOT USED
SCALE: 1/4" = 1'-0"



3 TOILET
SCALE: 1/4" = 1'-0"



2 MEN'S TOILET
SCALE: 1/4" = 1'-0"



1 WOMEN'S TOILET
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
5	01/19/2018	VE REVISIONS
9	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

PANTA A. DIGIACOMO
Reg. No. 7043
STATE OF LOUISIANA
REGISTERED ARCHITECT

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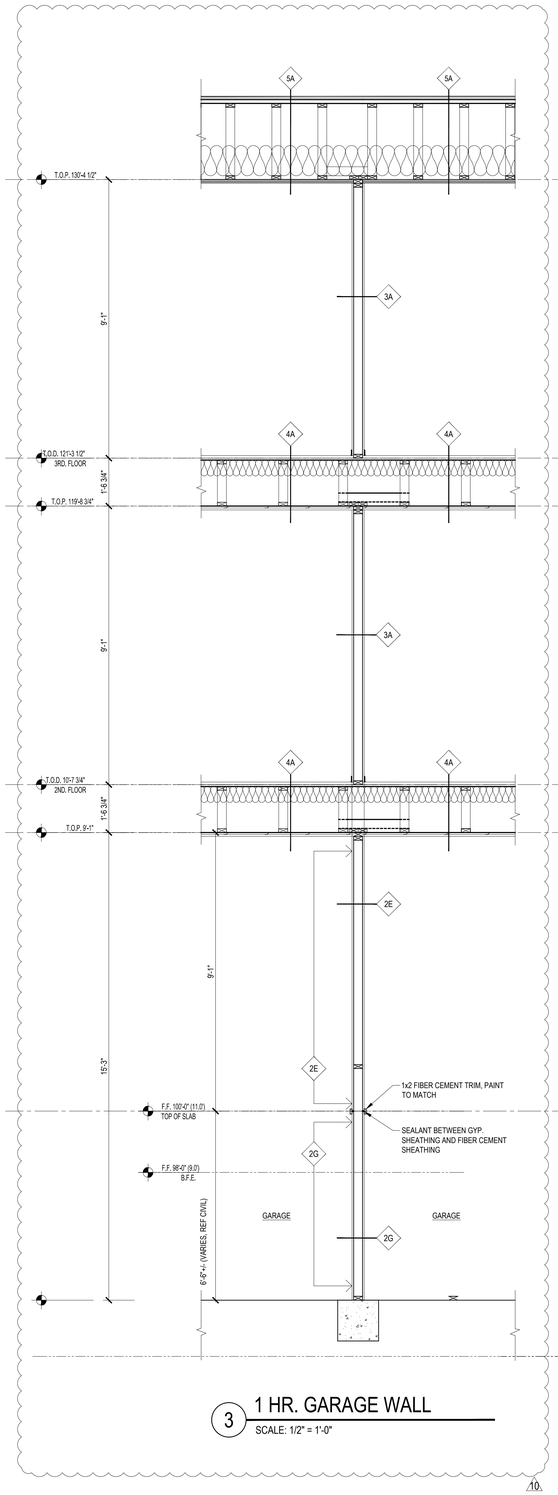
SHEET CONTENTS:
CLUBHOUSE
INTERIOR ELEVATIONS

SHEET NO.
A3.42

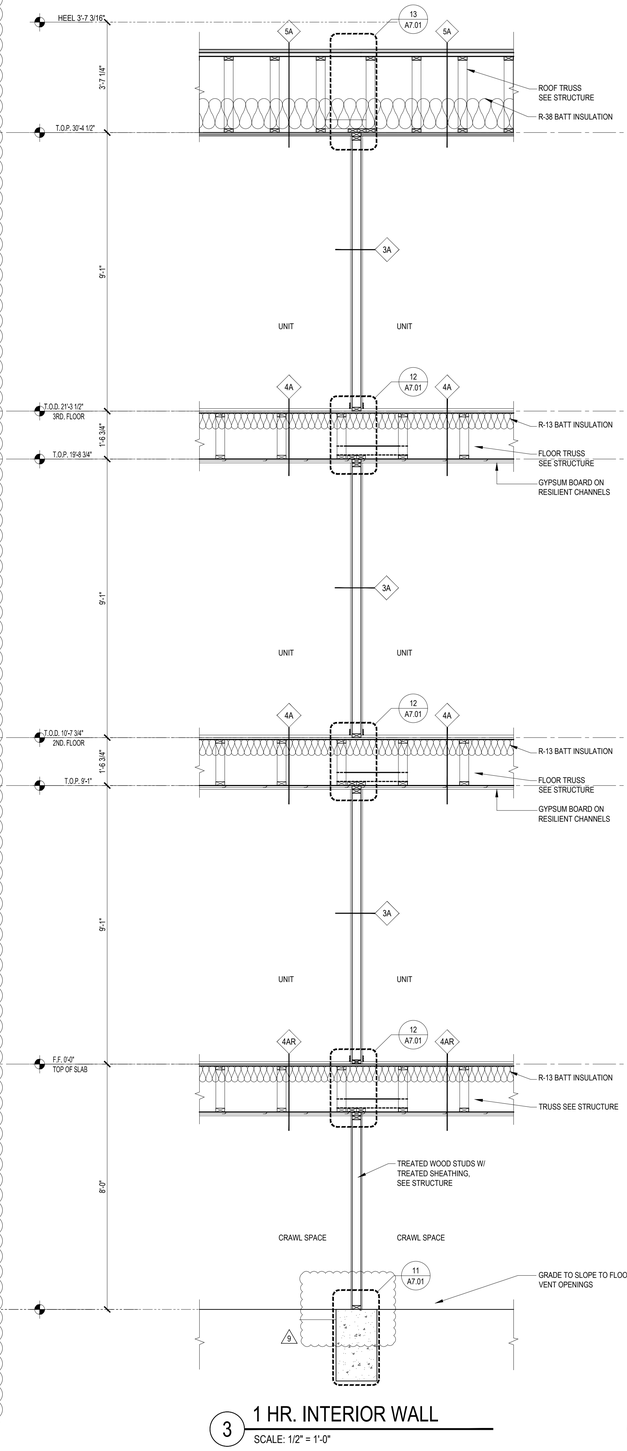
ASI 004: 05-21-2018

15557

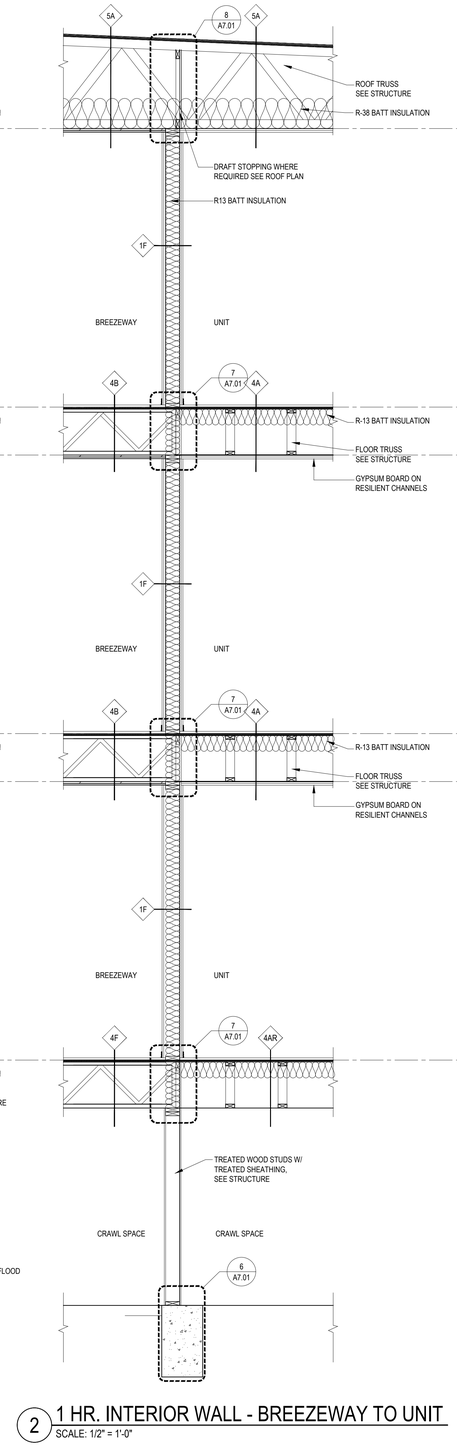
NOTE: REFER TO TRUSS MANUFACTURER / STRUCTURAL DRAWINGS FOR TRUSS ORIENTATION AND LAYOUT.



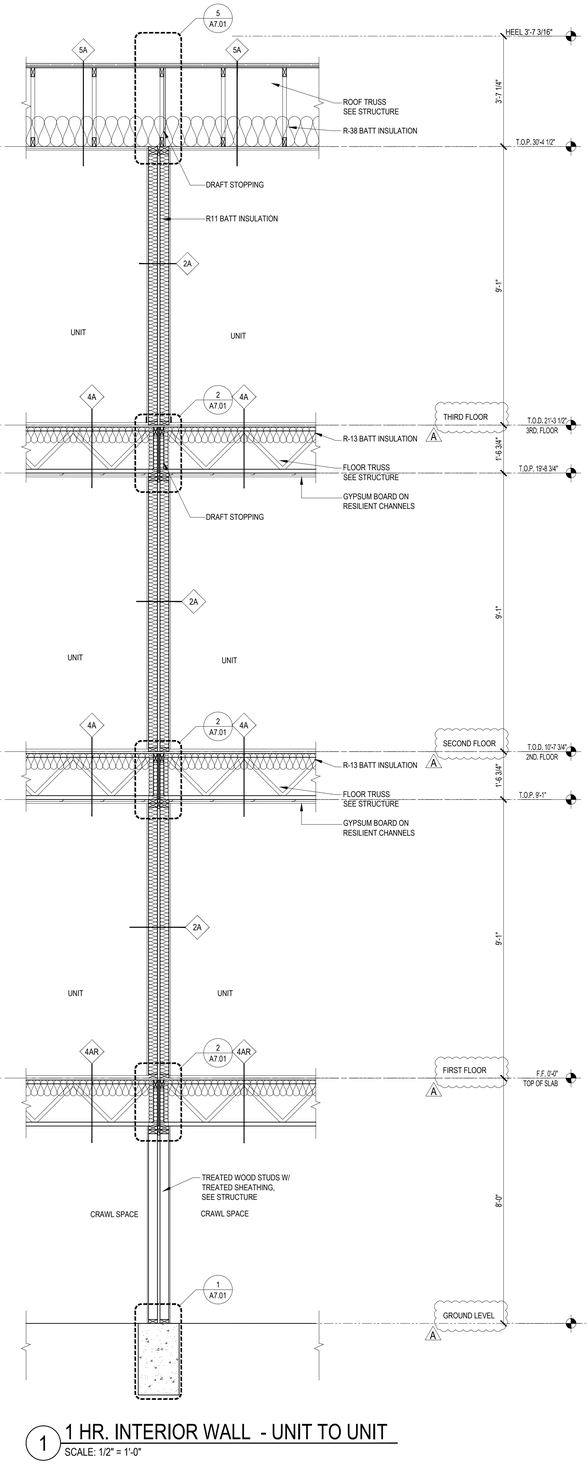
3 1 HR. GARAGE WALL
SCALE: 1/2" = 1'-0"



3 1 HR. INTERIOR WALL
SCALE: 1/2" = 1'-0"



2 1 HR. INTERIOR WALL - BREEZEWAY TO UNIT
SCALE: 1/2" = 1'-0"



1 1 HR. INTERIOR WALL - UNIT TO UNIT
SCALE: 1/2" = 1'-0"

/10

ASI 004: 05-21-2018

Designed by:	SB
Drawn by:	PV
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX
Revisions:	

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
9	05-11-18	ASI 4
10	06-20-18	ASI 5

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

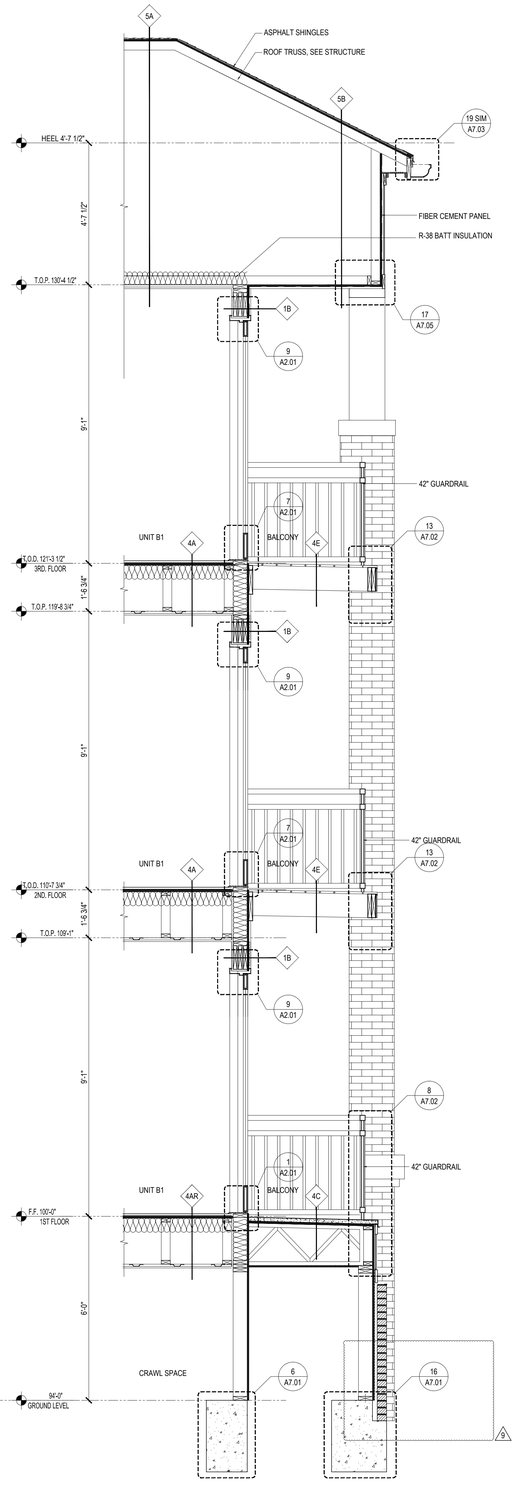
TANYA A. D'ISSANCHOU
LICENSE No. 34,747
STATE OF LOUISIANA
REGISTERED ARCHITECT

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SHEET CONTENTS:
TYPICAL INTERIOR WALL SECTIONS

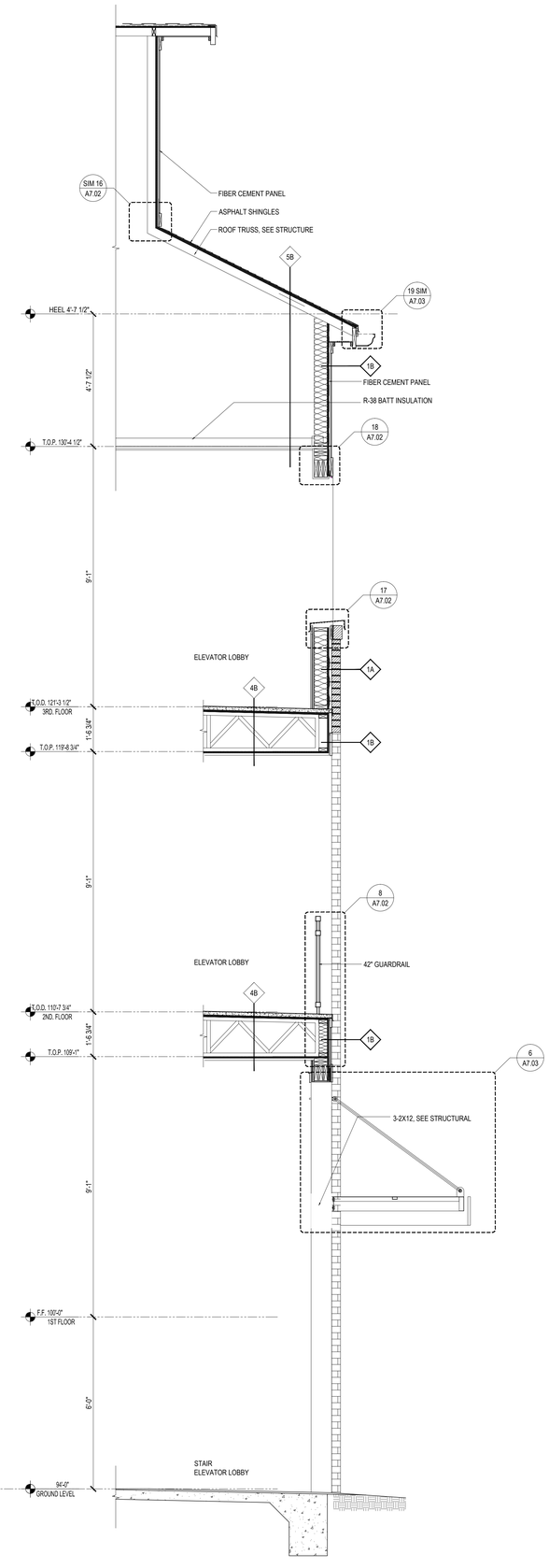
SHEET NO.
A4.01

15557



4 WALL SECTION AT UNIT B1 BALCONY

SCALE: 1/2" = 1'-0" 1/A3.31, 4/A3.32, 1/A3.33

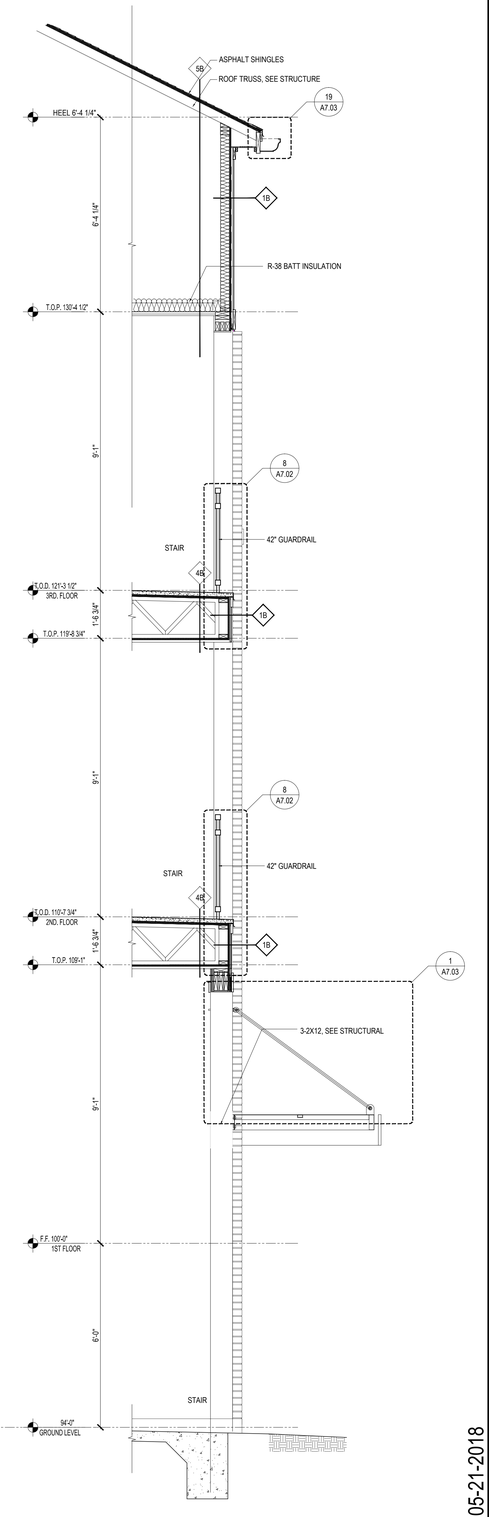


3 WALL SECTION AT ELEVATOR

SCALE: 1/2" = 1'-0" 1/A3.31, 1/A3.32, 1/A3.33

2 NOT USED

SCALE:



1 WALL SECTION AT STAIR

SCALE: 1/2" = 1'-0" 3/A3.31, 3/A3.31, 2/A3.33

ASI 004: 05-21-2018

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
9	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY

301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

PAMELA R. DesJARDINS
Reg. No. 7643
STATE OF LOUISIANA
REGISTERED ARCHITECT

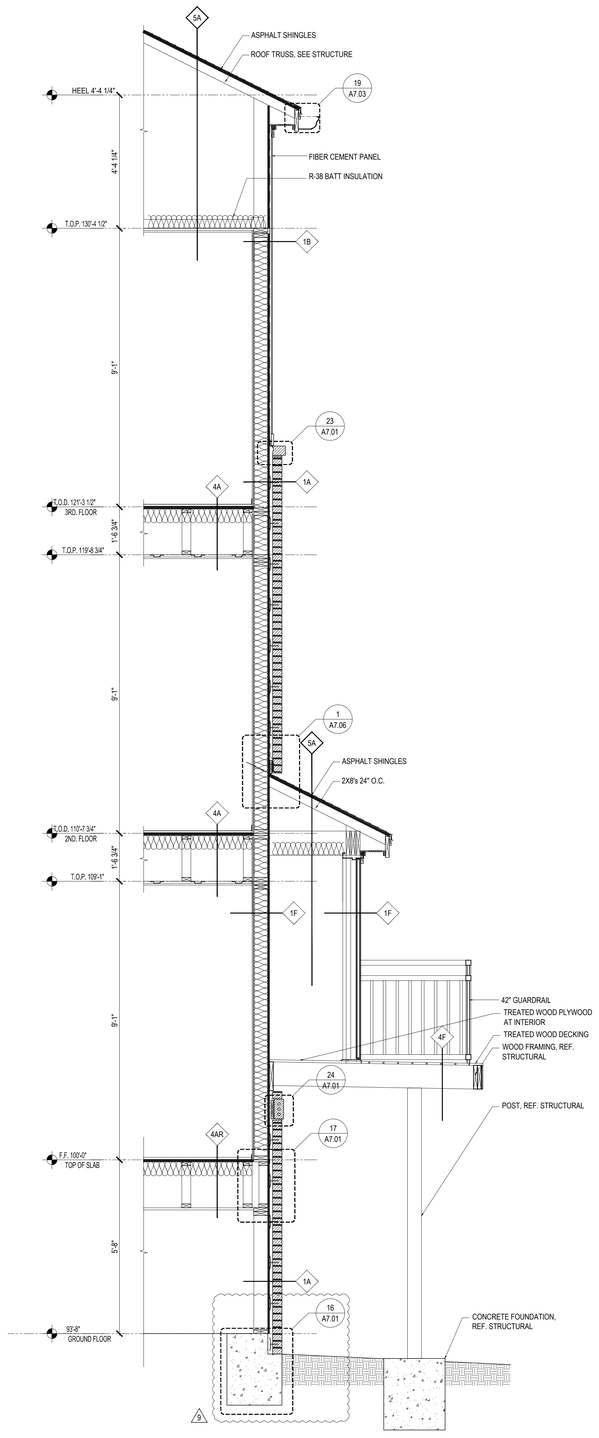
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SHEET CONTENTS:
WALL SECTIONS
BUILDING TYPE I

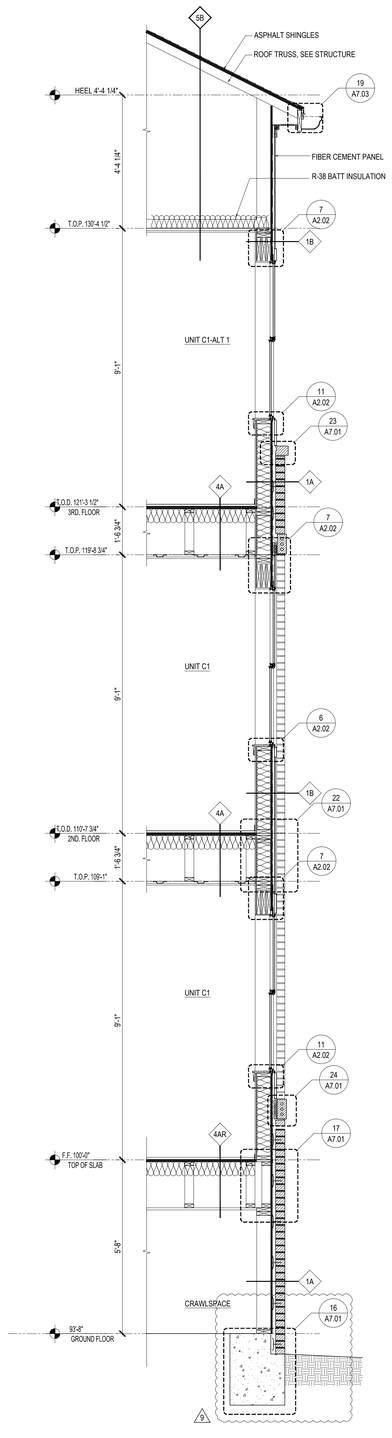
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A4.10

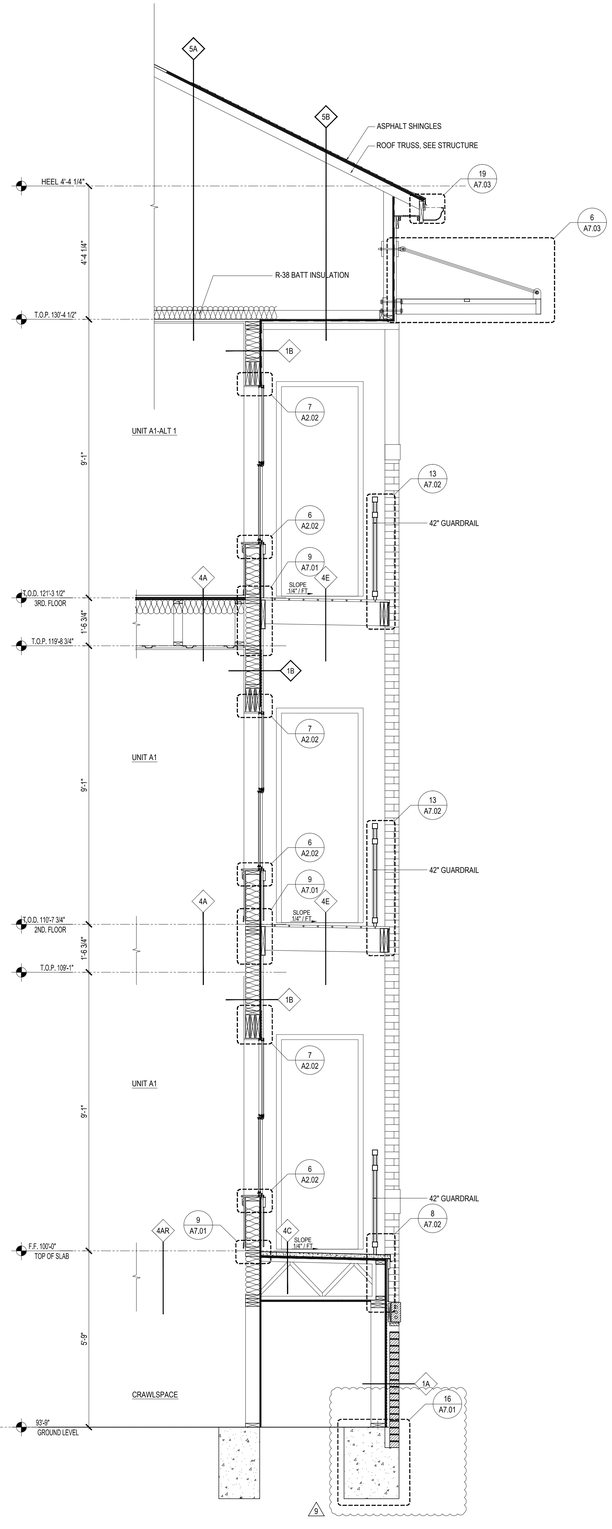
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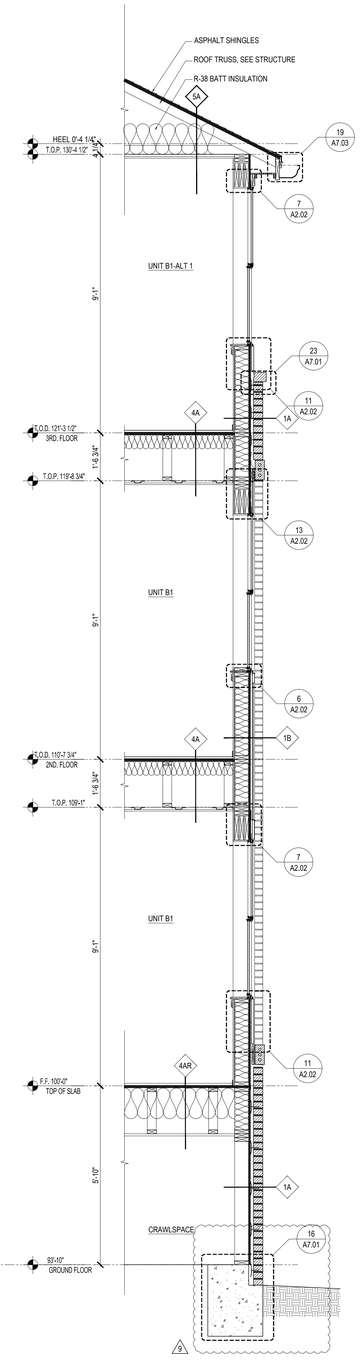
4 WALL SECTION AT RISER ROOM
SCALE: 1/2" = 1'-0" 1/A3.31 9



3 WALL SECTION AT UNIT C1
SCALE: 1/2" = 1'-0" 1/A3.31, 1/A3.32, 1/A3.33



2 WALL SECTION AT UNIT A1 BALCONY
SCALE: 1/2" = 1'-0" 1/A3.31,1/A3.33



1 WALL SECTION AT UNIT B1
SCALE: 1/2" = 1'-0" 1/A3.31, 1/A3.32, 4/A3.32, 2/A3.33

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
3	11/10/2017	ASI 1
9	05-11-18	ASI 4

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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSADIER
Reg. No. 31621
DEPUTY
STATE OF LOUISIANA
REGISTERED ARCHITECT

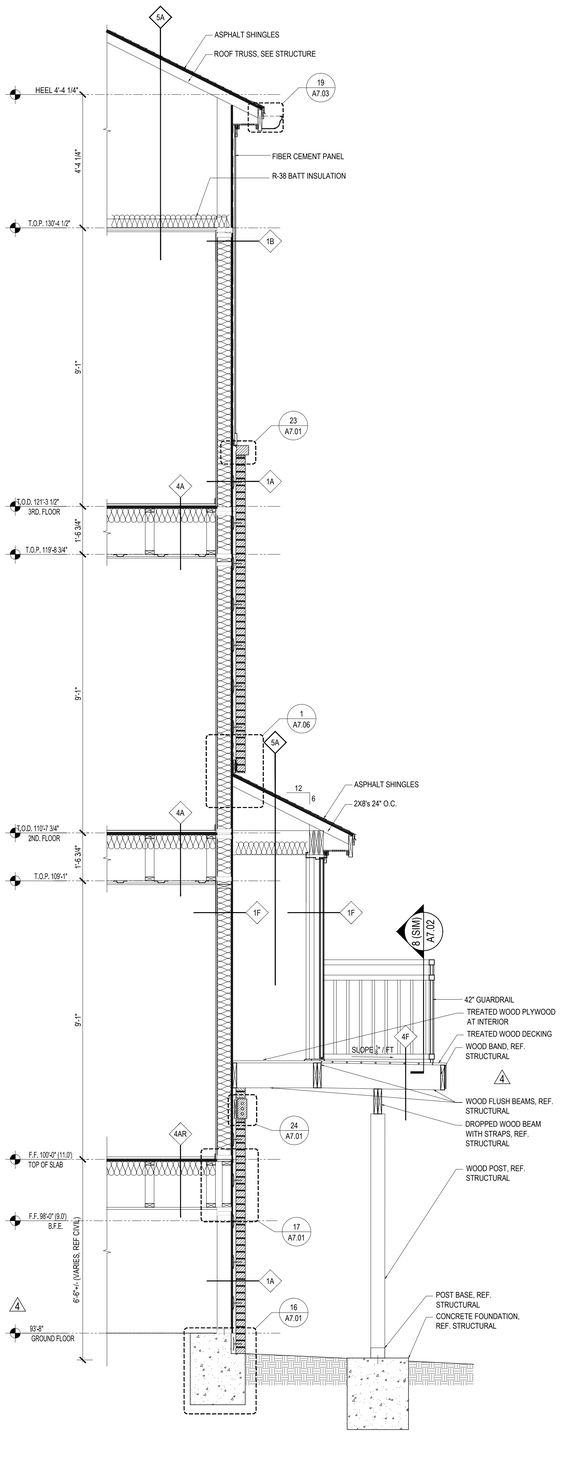
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SHEET CONTENTS:
WALL SECTIONS
BUILDING TYPE I

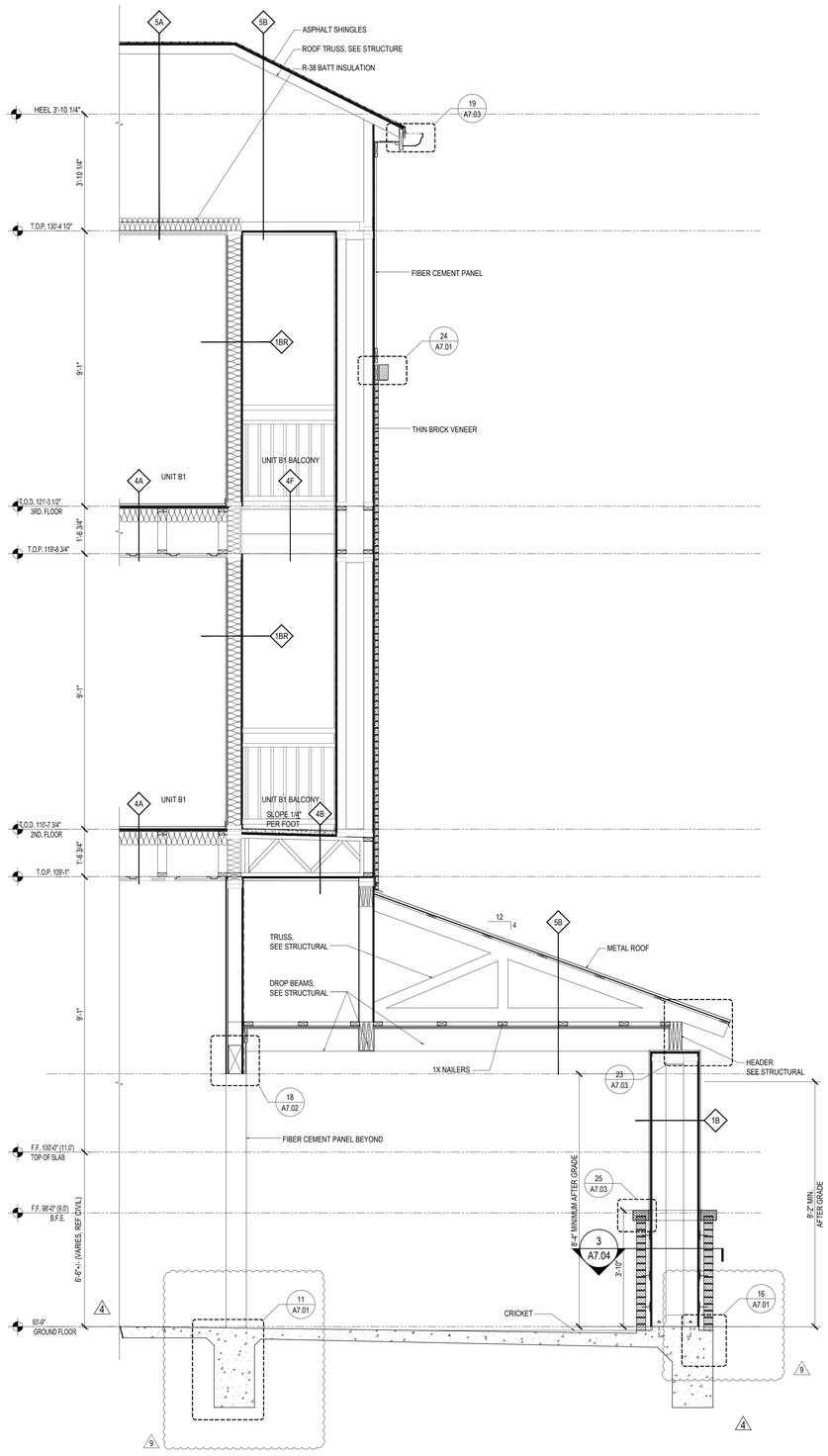
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ASI 004: 05-21-2018

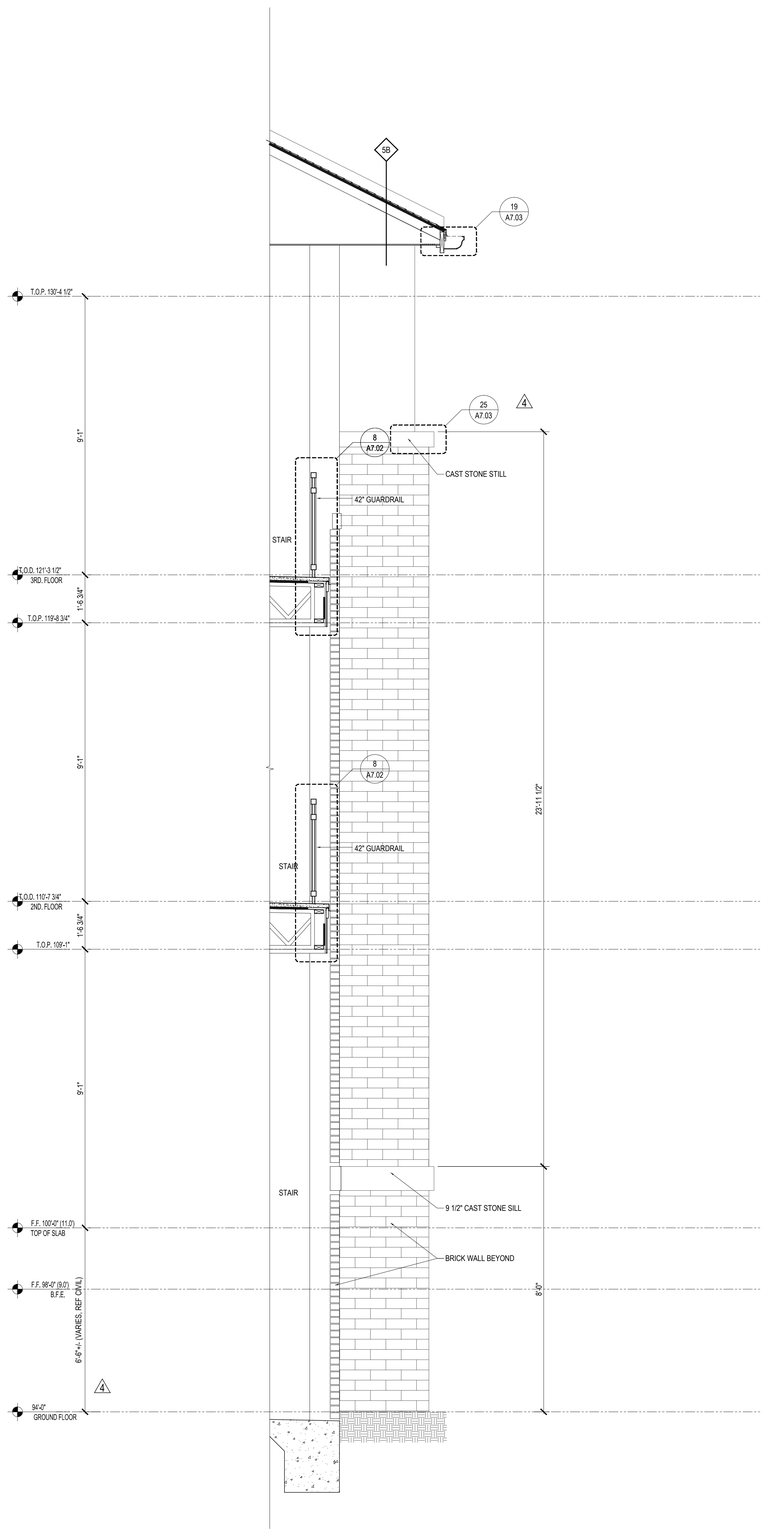
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3 WALL SECTION AT RISER ROOM
SCALE: 1/2" = 1'-0" 1/A3.32 & A3.32a 3



2 WALL SECTION AT GARAGE
SCALE: 1/2" = 1'-0" 1/A3.32 & A3.32a



1 WALL SECTION AT STAIR
SCALE: 1/2" = 1'-0" 2/A3.32 & A3.32a

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
3	11/10/2017	ASI 1
4	12/08/2017	ASI 2
5	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
Reg. No. 7562
STATE OF LOUISIANA
REGISTERED ARCHITECT

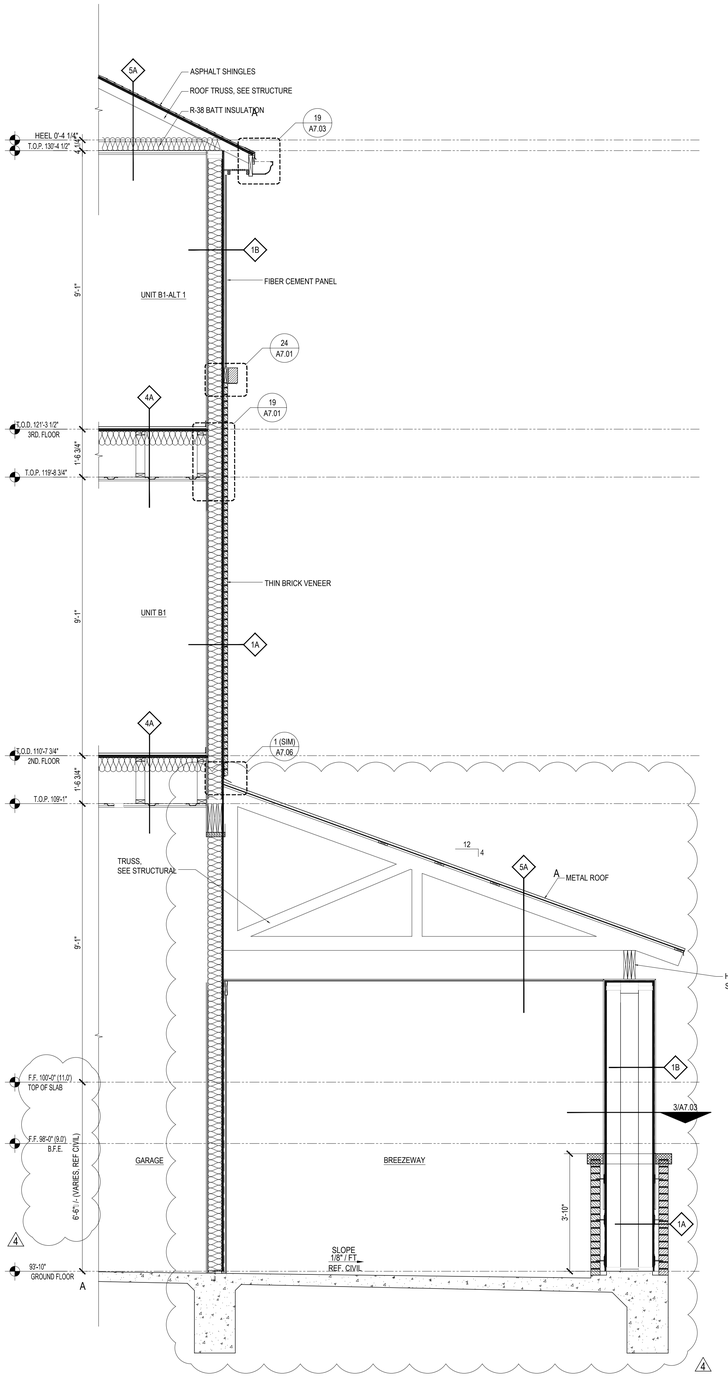
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SHEET CONTENTS:
WALL SECTIONS
BUILDING TYPE II & IIA

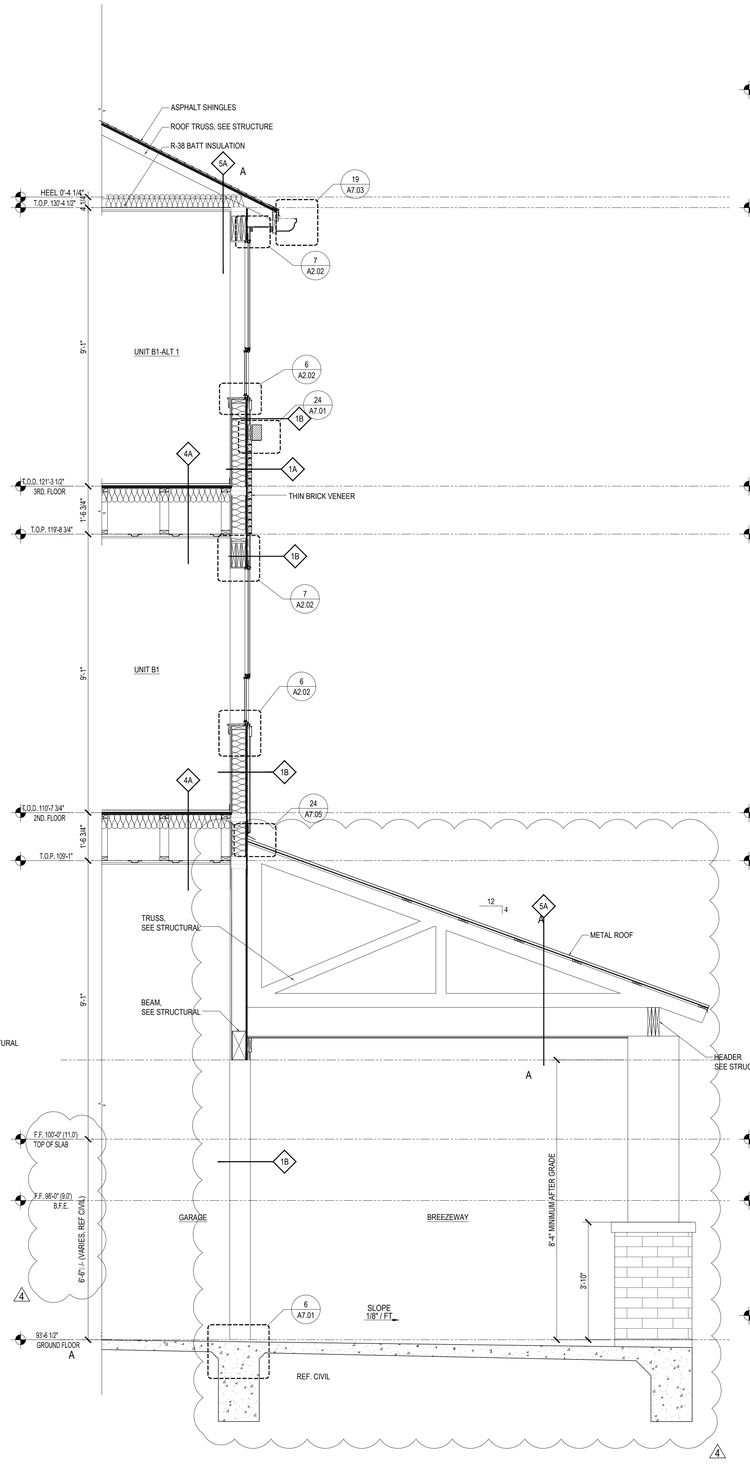
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A4.20

ASI 004: 05-21-2018

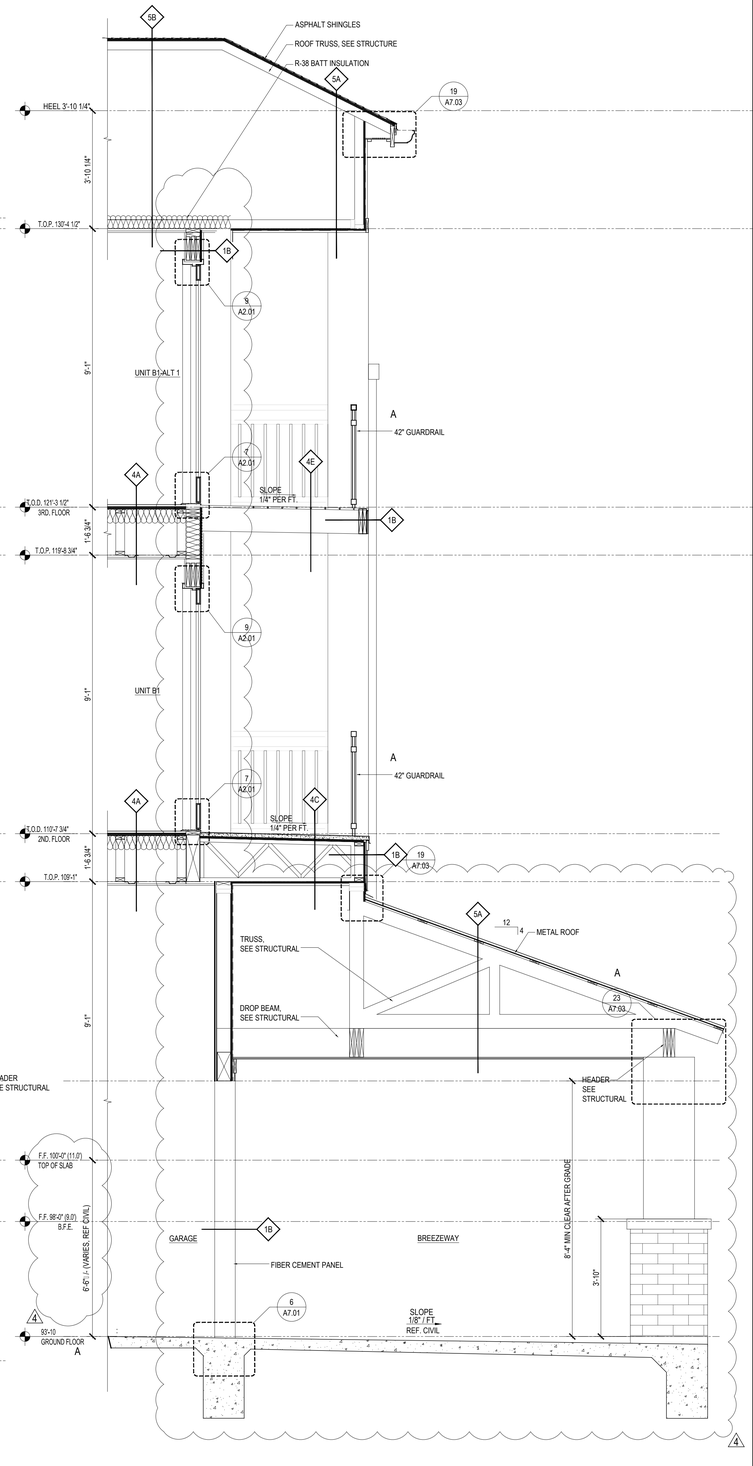
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3 WALL SECTION AT GARAGES
SCALE: 1/2" = 1'-0" 1/A3.32 & A3.32a



2 WALL SECTION AT GARAGES
SCALE: 1/2" = 1'-0" 1/A3.32 & A3.32a



1 WALL SECTION AT GARAGES
SCALE: 1/2" = 1'-0" 1/A3.32 & A3.32a

PERMIT: 09-02-2016

Designed by:	SB
Drawn by:	PV
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
4	12/08/2017	ASI 2

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

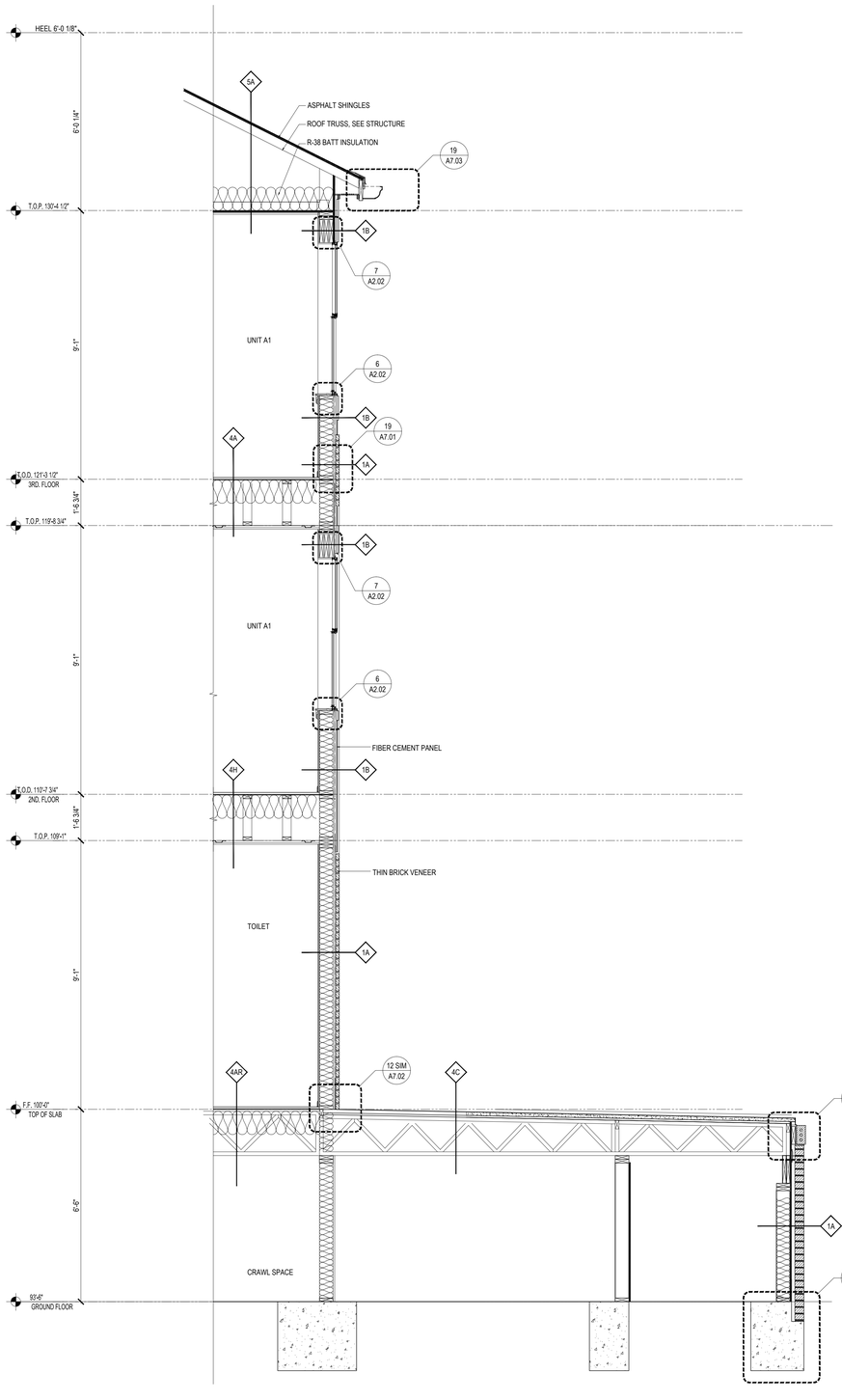
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No. 34,744
STATE OF LOUISIANA
REGISTERED ARCHITECT

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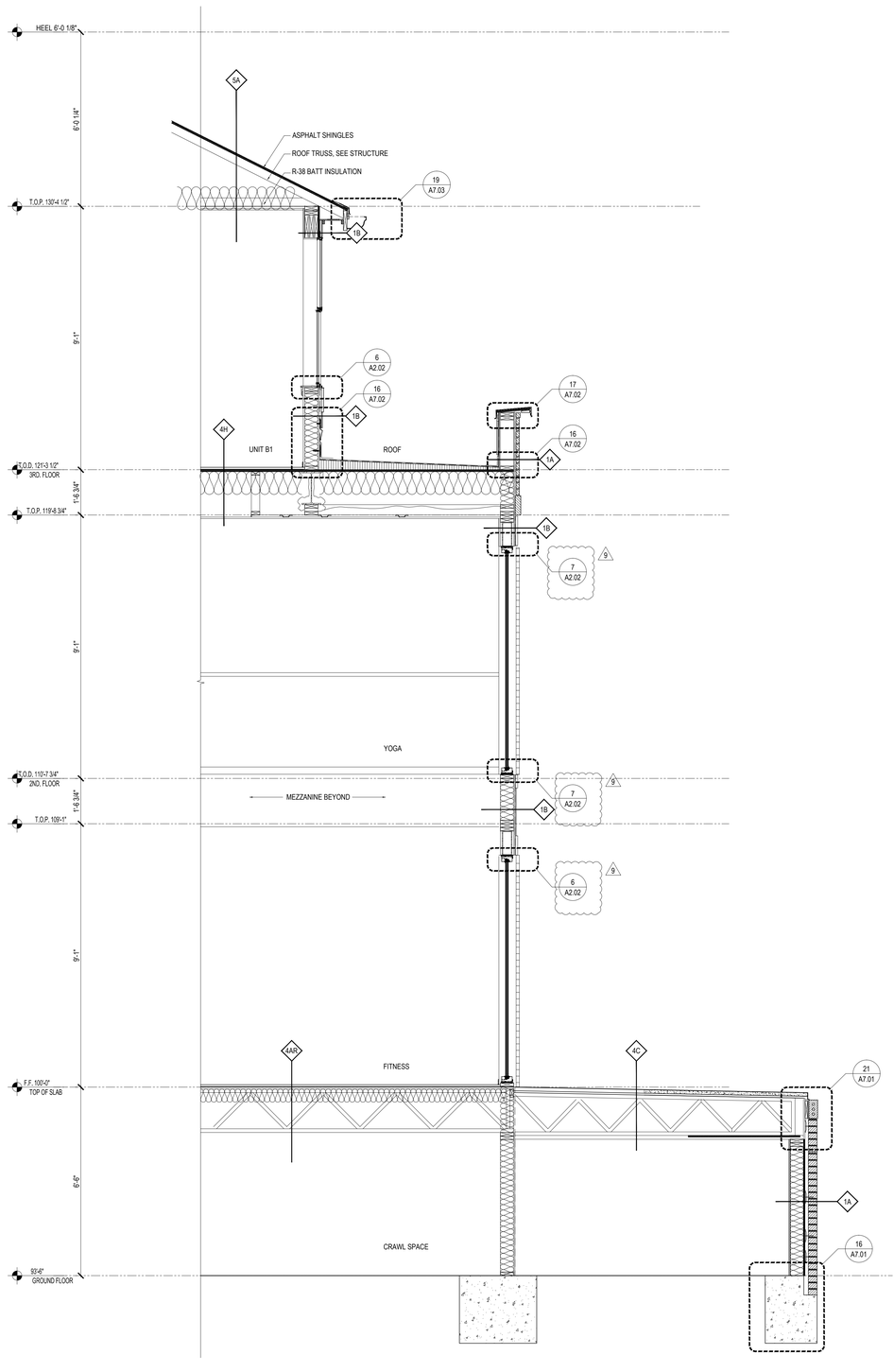
SHEET CONTENTS:
WALL SECTIONS
BUILDING TYPE II & IIA
A

SHEET NO.
A4.21

15557



2 WALL SECTION AT CLUBHOUSE DECK
SCALE: 1/2" = 1'-0" 4/A3.33



1 WALL SECTION AT CLUBHOUSE LOW ROOF
SCALE: 1/2" = 1'-0" 4/A3.33

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
9	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY

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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
No. 34,743
STATE OF LOUISIANA
REGISTERED ARCHITECT

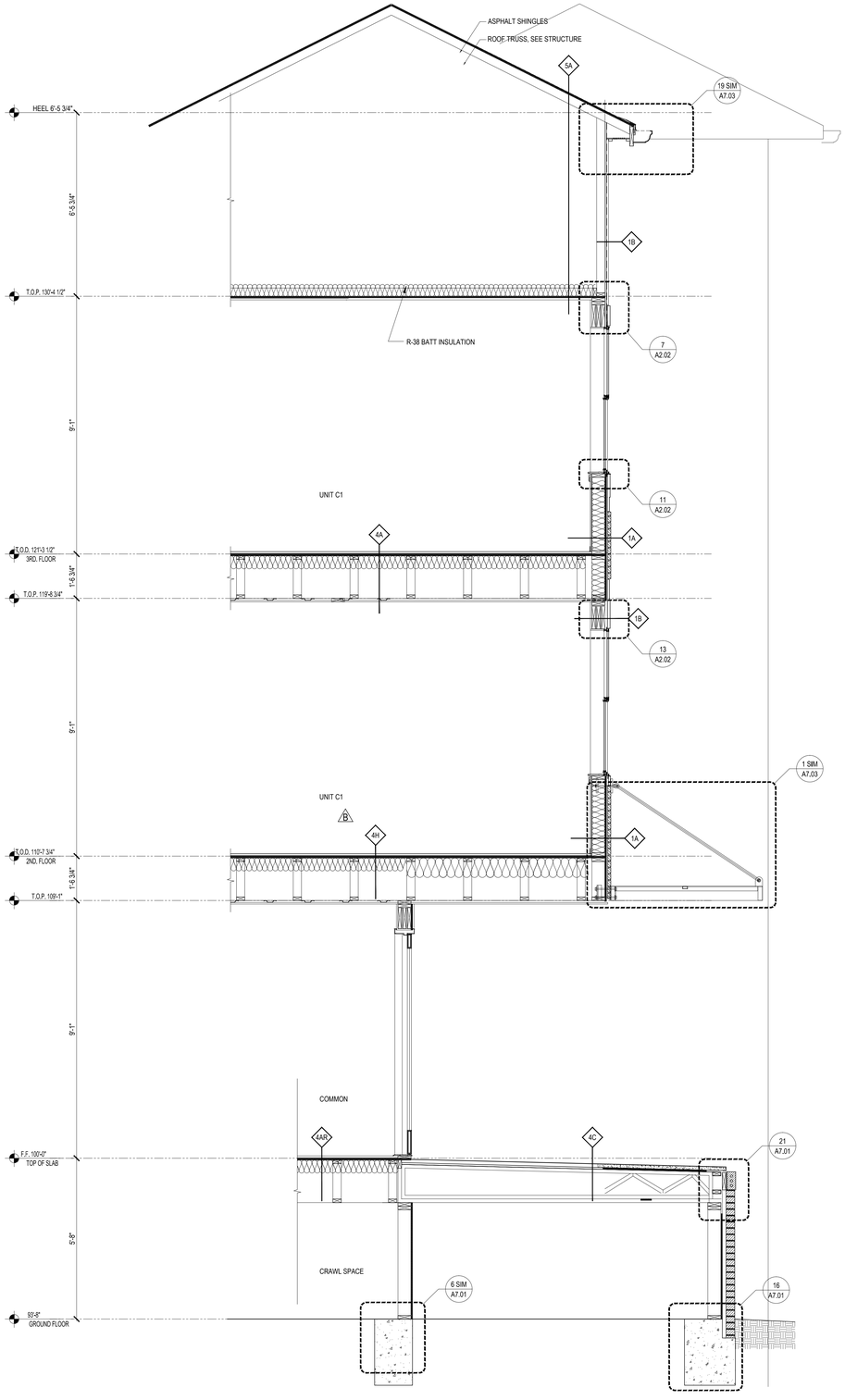
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SHEET CONTENTS:
WALL SECTIONS
BUILDING TYPE III

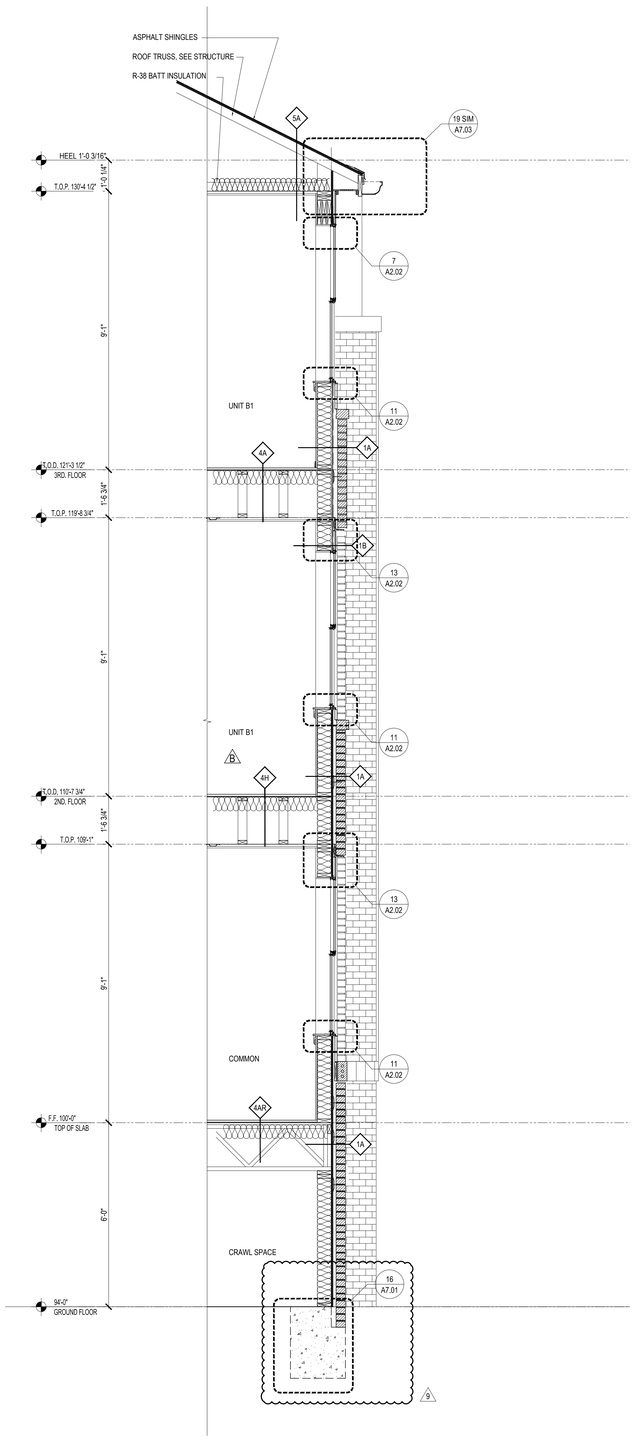
SHEET NO.
A4.30

ASI 004: 05-21-2018

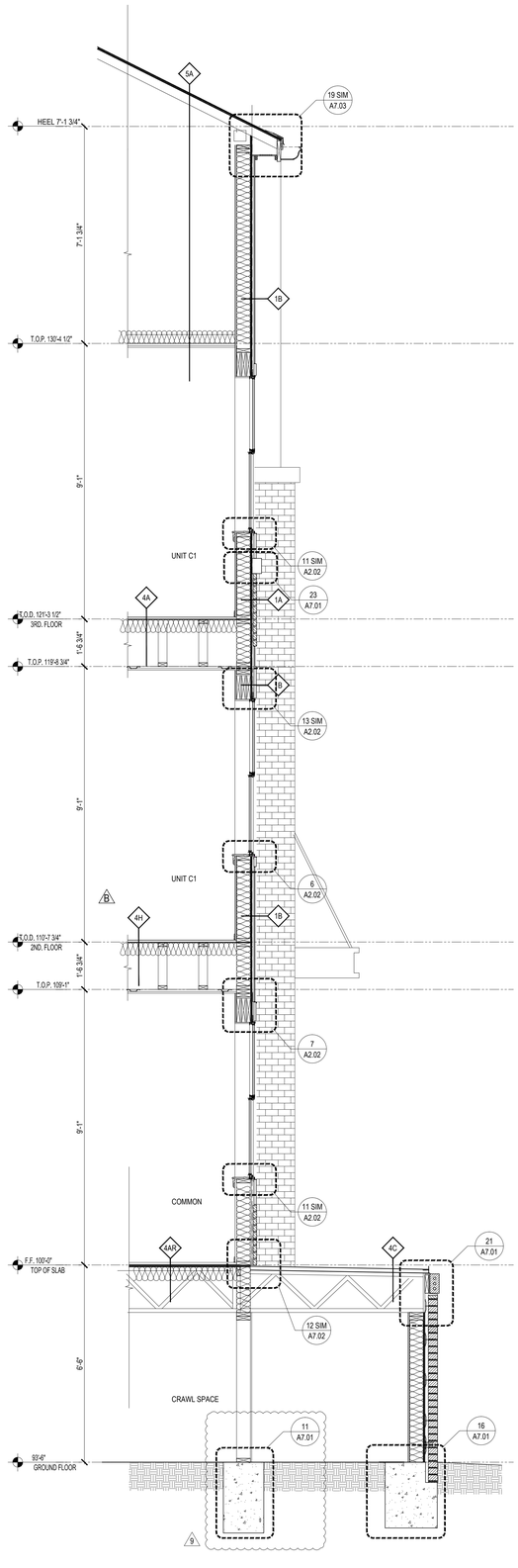
15557



3 WALL SECTION AT CLUBHOUSE ENTRY
SCALE: 1/2" = 1'-0" 1/A3.33



2 WALL SECTION AT CLUBHOUSE
SCALE: 1/2" = 1'-0" 1/A3.33



1 WALL SECTION AT CLUBHOUSE
SCALE: 1/2" = 1'-0" 3/A3.33

ASI 004: 05-21-2018

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
B	06/08/2017	COORDINATION
9	05-11-18	ASI 4

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SLIDELL, LOUISIANA
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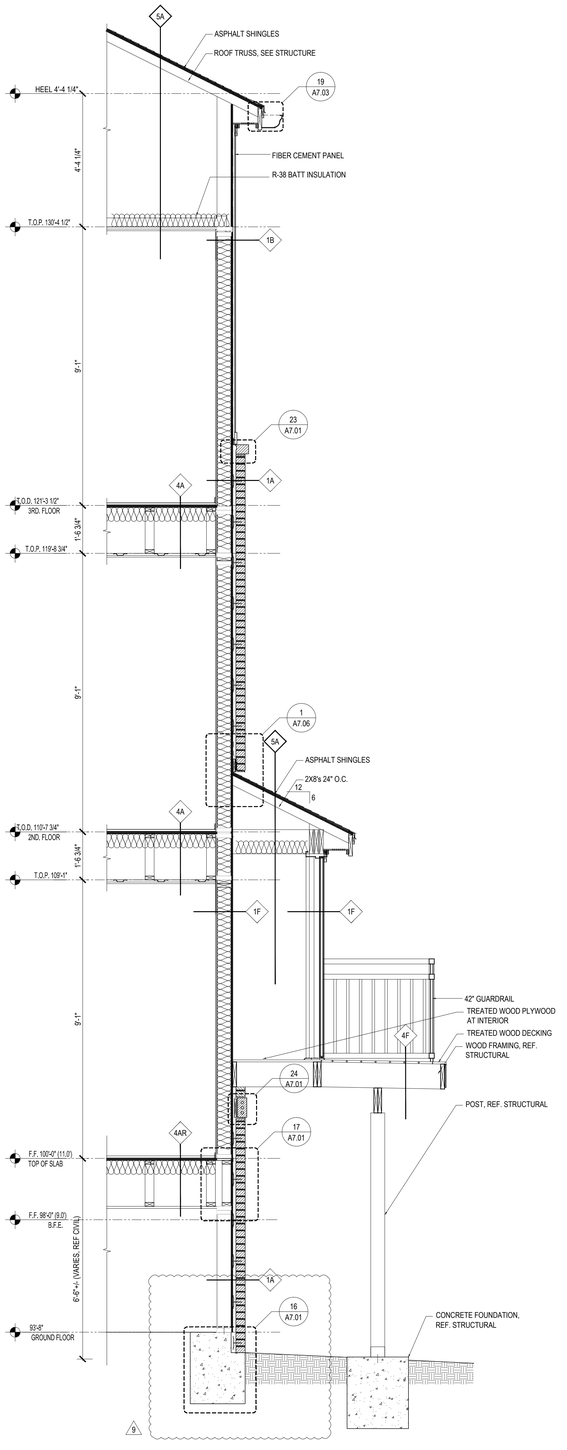
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STATE OF LOUISIANA
REGISTERED ARCHITECT

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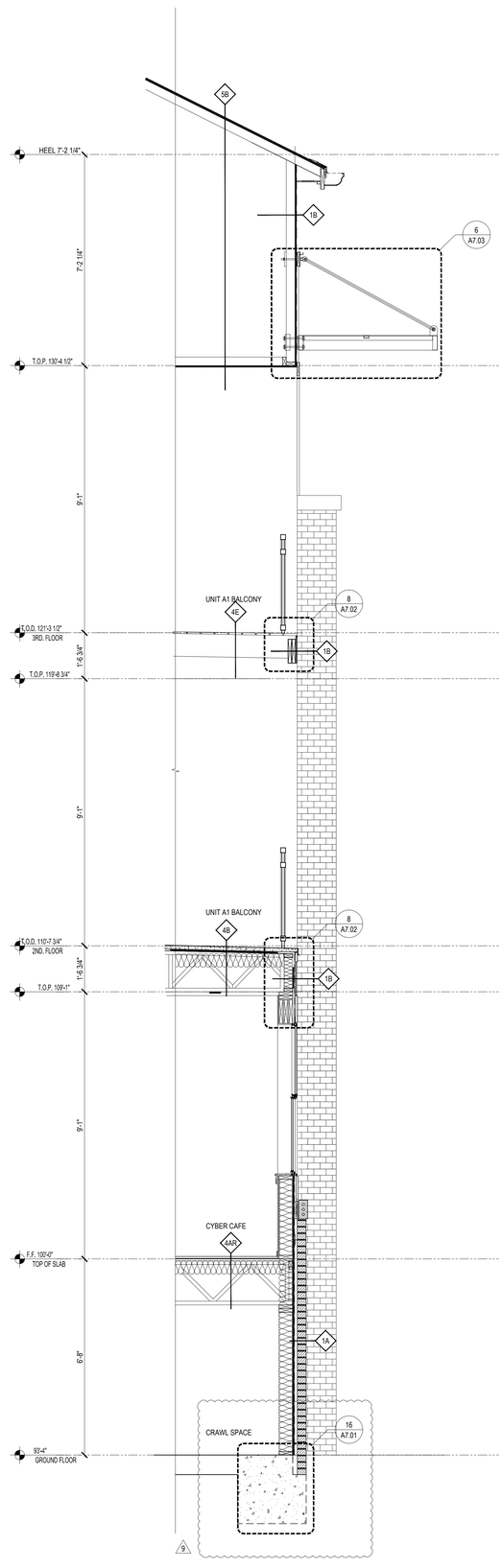
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WALL SECTIONS
BUILDING TYPE III

SHEET NO.
A4.31

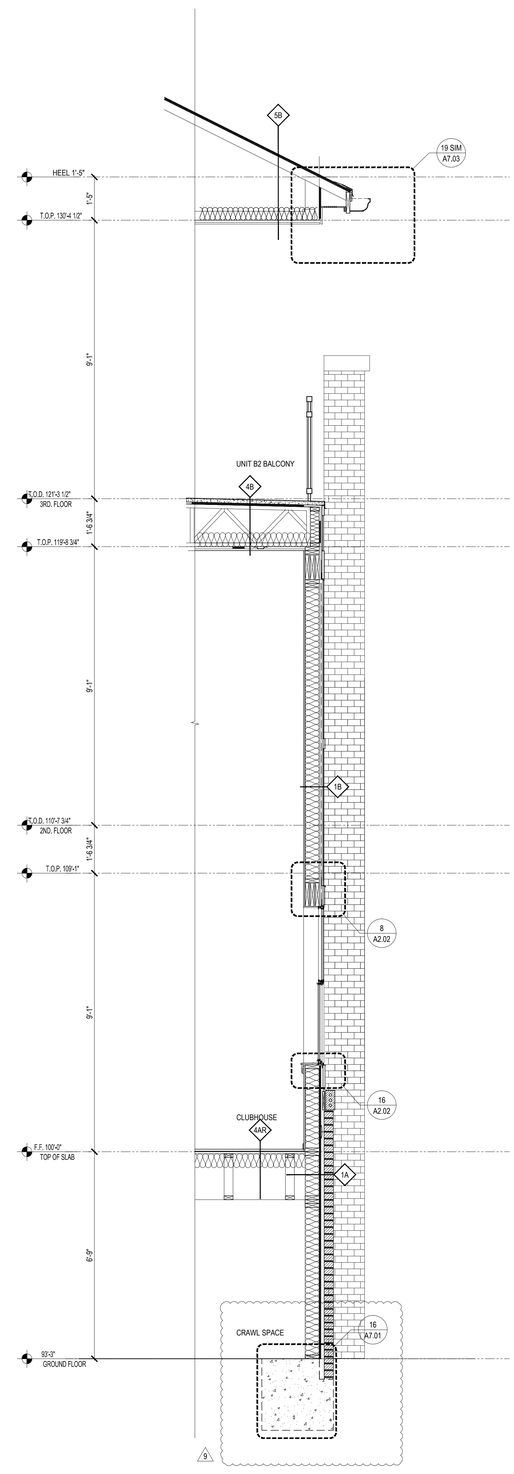
15557



3 WALL SECTION AT RISER ROOM
SCALE: 1/2" = 1'-0" 1/A3.33



2 WALL SECTION AT CLUBHOUSE
SCALE: 1/2" = 1'-0" 3/A3.33



1 WALL SECTION AT CLUBHOUSE
SCALE: 1/2" = 1'-0" 3/A3.33

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 05/21/18

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Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
3	11/10/2017	HPA REVIEW
9	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
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SHEET CONTENTS:
WALL SECTIONS
BUILDING TYPE III

SHEET NO.
A4.32

ASI 004: 05-21-2018

15557

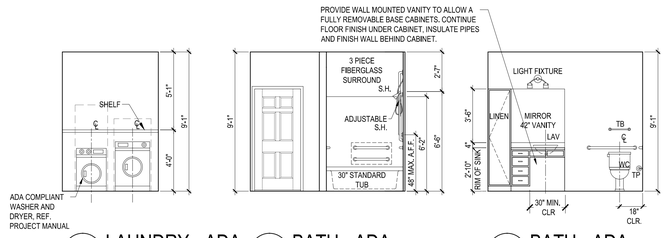
SYMBOL LEGEND - UNIT PLANS

X	WINDOW TAG SYMBOL	VP CPT	FLOORING TRANSITION TAG
X / 1/A1.01	DOOR TAG SYMBOL / DETAIL SECTION TAG		CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA REFER TO NOTES FOR REQUIRED DIMENSIONS
1 / A3.01	REFERENCE TAG		FURRDOWN FOR DEPTH REFER TO PLAN
1 A3.01 2	INTERIOR ELEVATION SYMBOL		
1A	PARTITION WALL TAG REF A1.05		

AHU = AIR HANDLER UNIT	MC = MEDICINE CABINET @ 44" AFF	V = VINYL
CFS = CLEAR FLOOR SPACE	RH = ROBE HOOK	VP = VINYL PLANK
CO = CASED OPENING	SH = SHOWER HEAD	W = WASHER
CPT = CARPET	SR = SHOWER ROD	W/D = WASHER / DRYER
CSR = CURVED SHOWER ROD	SRO = SHEETROCK OPENING	WH = WATER HEATER
CT = CERAMIC TILE	T = TEMPERED GLASS	WS = WORKSPACE
D = CLOTHES DRYER	TB = TOWEL BAR	# S = # OF SHELVES
DW = DISHWASHER	TP = TOILET PAPER DISPENSER	1R1S = DENOTES 1 ROD/ 1 SHELF
KS = KNEE SPACE	TR = TOWEL RING	2R2S = DENOTES 2 RODS/ 2 SHELVES

GENERAL UNIT NOTES

1. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
2. REFER TO SHEET A1.02 FOR ABBREVIATIONS AND GENERAL PROJECT NOTES.
3. REFER TO SHEET A1.02 FOR TYPICAL INTERIOR ELEVATION PROFILES & NOTES.
4. REFER TO SHEET A1.05 FOR TYPICAL WALL ASSEMBLIES.
5. REFER TO SHEET A2.01 FOR DOOR SCHEDULE & DETAILS.
6. ALL INTERIOR DOORS SHALL ALLOW ½" AIRFLOW FOR RETURN AIR AT BOTTOM OF DOOR.
7. REFER TO SHEET A2.02 FOR WINDOW SCHEDULE & DETAILS.
8. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS AND SLIDING GLASS DOORS SHALL HAVE PIN LOCKS OR CHARLEY BARS.
9. PER IBC-2012 TABLE 1021.2(1), STORIES PERMITTED TO HAVE A SINGLE EXIT ARE ALSO REQUIRED TO HAVE EMERGENCY ESCAPES OPENINGS. AS REQUIRED BY SECTION 1029, EMERGENCY ESCAPES OPENINGS TO BE PROVIDED IN BEDROOMS SHALL HAVE A MINIMUM OF ONE OPENING WITH 20" NET CLEAR WIDTH, 24" NET CLEAR HEIGHT, 5.7 SQFT. NET CLEAR OPENABLE AREA AND SHALL BE 44" MAXIMUM FROM FINISH FLOOR TO TOP OF SILL.
10. REFER TO BUILDING PLANS FOR WALL TYPES.
11. FOR DIMENSIONING PURPOSES, TYPICAL STUD WALLS ARE DIMENSIONED AS 3 ½" THICK AND PLUMBING WALLS AS 5½" THICK.
12. REFER TO STRUCTURAL DRAWINGS FOR ANY ADDITIONAL 2X6 WALL LOCATIONS.
13. PROVIDE MOISTURE RESISTANT GYPSUM DRYWALL IN ALL UNIT BATHROOM WALLS AND AT OTHER UNIT WETWALLS.
14. PROVIDE SOUND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
15. PROVIDE SOUND INSULATE WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
16. REFER TO STRUCTURAL DRAWINGS FOR SHEARWALL AND BEARING WALL LOCATIONS
17. VERTICAL MECHANICAL CHASES WITHIN UNITS ARE TO BE FIRE STOPPED PER LOCAL REQUIREMENTS.
18. ALL DIMENSIONS ARE TO FACE OF STUD OR CENTER LINE OF OPENING. U.N.O.
19. ALL ANGLES ARE 45° TO HORIZONTAL & VERTICAL DIRECTIONS, U.N.O. TYP. AT ALL UNITS.
20. ALL DIMENSIONS AND NOTES STATING "CLEAR" IS FROM FACE OF FINISH.
21. REFER TO A1.03 FOR ALL INTERIOR FAIR HOUSING ACT AND OTHER ACCESSIBILITY REQUIREMENTS.
22. ALL TOWEL BARS ARE TO BE MOUNTED AT 45" A.F.F. AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED OTHERWISE.
23. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED, FILLERS ARE NOT TO EXCEED 3". REFER TO CABINET SHOP DRAWINGS.
24. VANITY MIRRORS TO BE 42" HIGH AND MATCHING THE VANITY WIDTH (TYP.), AND TO BE MOUNTED WITH THE BOTTOM OF THE REFLECTING SURFACE NO MORE THAN 40" A.F.F. IN ANSI TYPE A UNITS.
25. PROVIDE MINIMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
26. VERIFY ALL TUB WALL LENGTHS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, TUB MANUFACTURER AND TUB DETAILS.
27. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A1.03, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
28. SEE ARCHITECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE BLOCKING OR OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, LIGHTING, AWNINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE FEATURES AND ADJACENT ATTACHED STRUCTURES.
29. ALL EXTERIOR SLABS TO SLOPE DOWN 1" TOTAL TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
30. REFER TO A0.02 FOR TYPICAL ROOM FINISH SCHEDULE. VERIFY FINISHES WITH OWNER PRIOR TO CONSTRUCTION.
31. ALTHOUGH SYMBOLS HAVE BEEN REMOVED FOR CLARITY, FLOOR FINISHES EXTEND UNDER SHELVING, WASHER/DRYER, AND REFRIGERATOR. FLOOR FINISHES EXTEND UNDER ALL RAISED COUNTERS, AND DESK AND CABINETS INDICATED WITH "REMOVABLE FRONTS".
32. PROVIDE CONCRETE AT BALCONIES ON FIRST FLOOR AND ABOVE ENCLOSED SPACE. PROVIDE PRESSURE TREATED WOOD DECKING AT ALL OTHER BALCONIES.
33. CONTRACTOR TO PROVIDE APPLIANCES AS SPECIFIED.
34. REFER TO BUILDING PLANS (A300S) FOR LOCATIONS OF ADA UNITS. AT UNITS INDICATED, PROVIDE INTERIOR DETAILS AS INDICATED.
35. REFER TO BUILDING PLANS (A300S) FOR LOCATIONS OF HEARING IMPAIRED UNITS. AT UNITS INDICATED, PROVIDE REQUIRED COMMUNICATION FEATURES.



12a LAUNDRY - ADA SCALE: 1/4" = 1'-0"

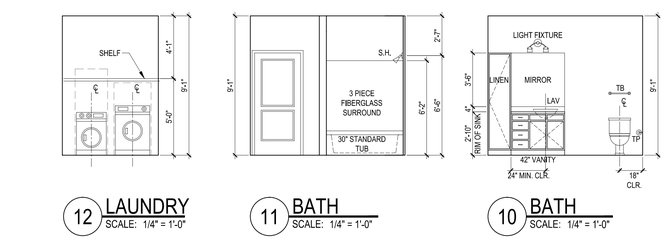
11a BATH - ADA SCALE: 1/4" = 1'-0"

10a BATH - ADA SCALE: 1/4" = 1'-0"

9a KITCHEN - ADA SCALE: 1/4" = 1'-0"

8a KITCHEN - ADA SCALE: 1/4" = 1'-0"

7a KITCHEN - ADA SCALE: 1/4" = 1'-0"



12 LAUNDRY SCALE: 1/4" = 1'-0"

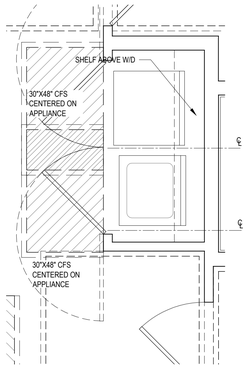
11 BATH SCALE: 1/4" = 1'-0"

10 BATH SCALE: 1/4" = 1'-0"

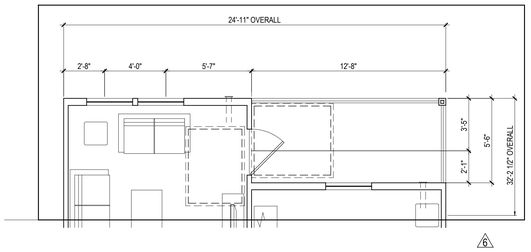
9 KITCHEN SCALE: 1/4" = 1'-0"

8 KITCHEN SCALE: 1/4" = 1'-0"

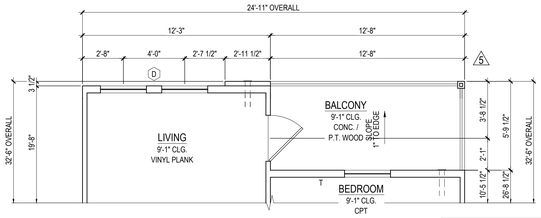
7 KITCHEN SCALE: 1/4" = 1'-0"



6 UNIT A1 / A1 ADA LAUNDRY CLEAR FLOOR SPACE
SCALE: 1/2" = 1'-0" 1 BR/1 BA

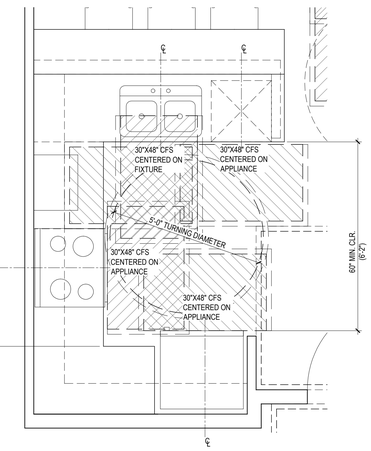


13 UNIT A1-ALT DIMS & NOTES PLAN
SCALE: 1/4" = 1'-0" 1 BR/1 BA
REFER TO 1&2/A5.11 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS



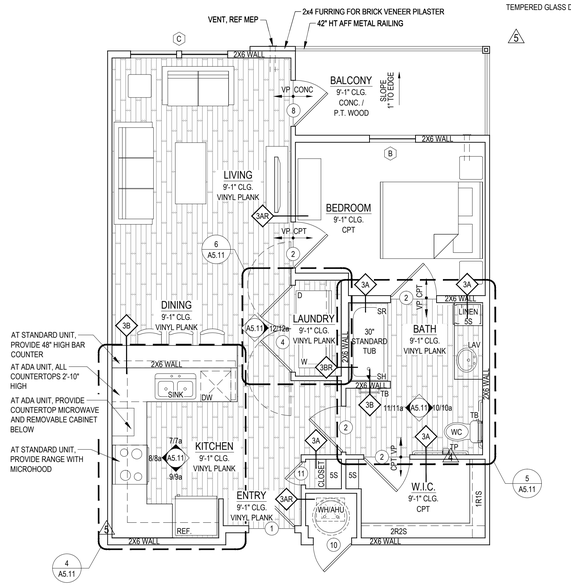
3 UNIT A1-ALT 1 DIMS & NOTES PLAN
SCALE: 1/4" = 1'-0" 1 BR/1 BA
REFER TO 1&2/A5.11 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

A1-ALT 1	
MARKET NET AREA	729 SQ. FT.
HUD NET AREA	685 SQ. FT.
BALCONY AREA	73 SQ. FT.
GROSS AREA	802 SQ. FT.
Nº OF UNITS	14



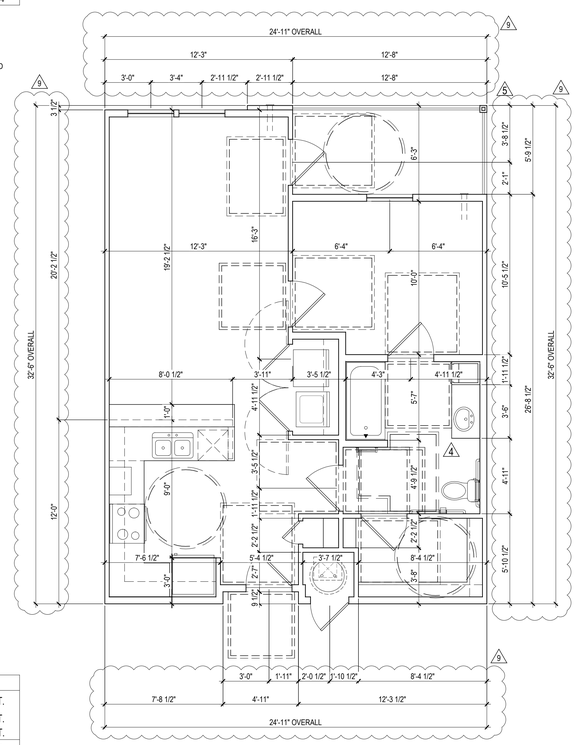
5 UNIT A1 / A1 ADA BATHROOM CLEAR FLOOR SPACE
SCALE: 1/2" = 1'-0" 1 BR/1 BA SPECIFICATION B

4 UNIT A1 / A1 ADA KITCHEN CLEAR FLOOR SPACE
SCALE: 1/2" = 1'-0" 1 BR/1 BA



A1 / A1 ADA	
MARKET NET AREA	729 SQ. FT.
HUD NET AREA	685 SQ. FT.
BALCONY AREA	73 SQ. FT.
GROSS AREA	802 SQ. FT.
Nº OF UNITS	24

2 UNIT A1 / A1 ADA NOTES PLAN
SCALE: 1/4" = 1'-0" 1 BR/1 BA



1 UNIT A1 / A1 ADA DIMENSION PLAN
SCALE: 1/4" = 1'-0" 1 BR/1 BA

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
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Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
3	12/30/2016	HPA REVIEW
4	12/08/2017	ASI 2
5	01/19/2018	VE REVISIONS
6	04/05/2018	RFI 32
9	05-11-18	ASI 4

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SHEET CONTENTS:
UNIT A1 FLOOR PLANS & INTERIOR ELEVATIONS

SHEET NO.
A5.11

ASI 004: 05-21-2018

15557

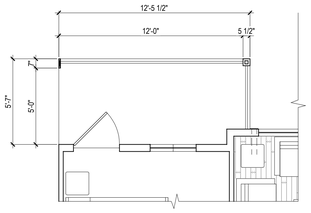
SYMBOL LEGEND - UNIT PLANS

X	WINDOW TAG SYMBOL	VP CPT	FLOORING TRANSITION TAG
X / 1/A1.01	DOOR TAG SYMBOL / DETAIL SECTION TAG		CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA REFER TO NOTES FOR REQUIRED DIMENSIONS
1 / A3.01	REFERENCE TAG		
1 A3.01 2	INTERIOR ELEVATION SYMBOL		FURRDOWN FOR DEPTH REFER TO PLAN
1A	PARTITION WALL TAG REF A1.05		

AHU	= AIR HANDLER UNIT	MC	= MEDICINE CABINET @ 44" AFF	V	= VINYL			
CFS	= CLEAR FLOOR SPACE	RH	= ROBE HOOK	VP	= VINYL PLANK			
CO	= CASED OPENING	SH	= SHOWER HEAD	W	= WASHER			
CPT	= CARPET	SR	= SHOWER ROD	W/D	= WASHER / DRYER			
CSR	= CURVED SHOWER ROD	SRO	= SHEETROCK OPENING	WH	= WATER HEATER			
CT	= CERAMIC TILE	T	= TEMPERED GLASS	WS	= WORKSPACE			
D	= CLOTHES DRYER	TB	= TOWEL BAR	# S	= # OF SHELVES			
DW	= DISHWASHER	TP	= TOILET PAPER DISPENSER	1R1S	= DENOTES 1 ROD/ 1 SHELF			
KS	= KNEE SPACE	TR	= TOWEL RING	2R2S	= DENOTES 2 RODS/ 2 SHELVES			

GENERAL UNIT NOTES

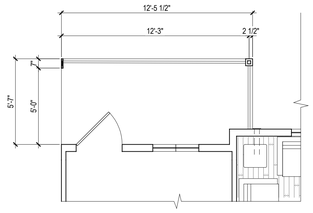
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5. REFER TO SHEET A2.01 FOR DOOR SCHEDULE & DETAILS.
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33. CONTRACTOR TO PROVIDE APPLIANCES AS SPECIFIED.
34. REFER TO BUILDING PLANS (A300S) FOR LOCATIONS OF ADA UNITS. AT UNITS INDICATED, PROVIDE INTERIOR DETAILS AS INDICATED.
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6 UNIT B1-ALT 4 NOTES & DIMS PLAN

SCALE: 1/4" = 1'-0" — 2 BR/2BA

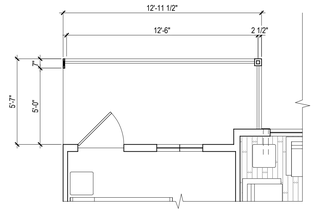
REFER TO 1&2/A5.21 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS



7 UNIT B1-ALT 5 NOTES & DIMS PLAN

SCALE: 1/4" = 1'-0" — 2 BR/2BA

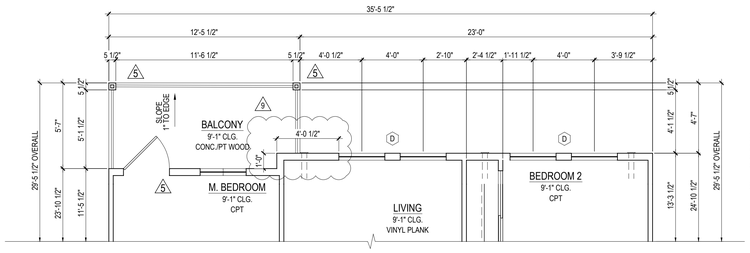
REFER TO 5/A5.21 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS



8 UNIT B1-ALT 6 NOTES & DIMS PLAN

SCALE: 1/4" = 1'-0" — 2 BR/2BA

REFER TO 1&2/A5.21 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

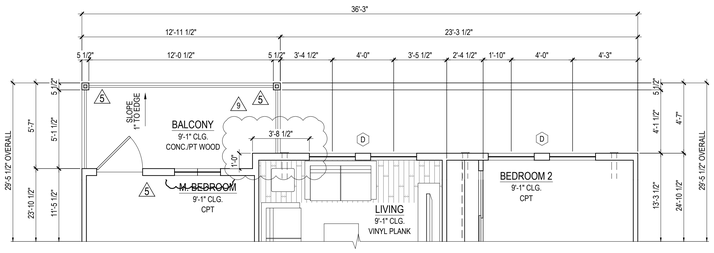


B1 - ALT 3	
MARKET NET AREA	867 SQ. FT.
HUD NET AREA	816 SQ. FT.
BALCONY AREA	68 SQ. FT.
GROSS AREA	935 SQ. FT.
Nº OF UNITS	5

5 UNIT B1-ALT 3 DIMS & NOTES PLAN

SCALE: 1/4" = 1'-0" — 2 BR/2BA

REFER TO 1&2/A5.21 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

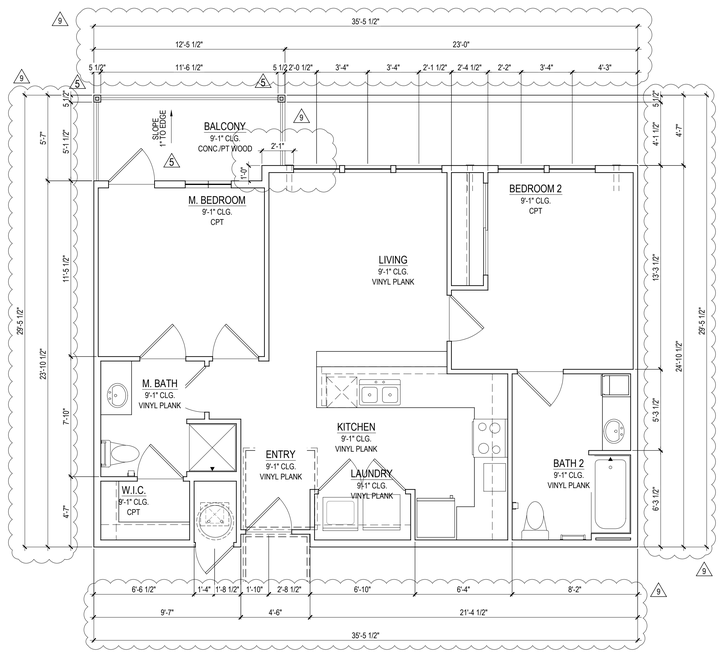


B1-ALT 1	
MARKET NET AREA	886 SQ. FT.
HUD NET AREA	835 SQ. FT.
BALCONY AREA	70 SQ. FT.
GROSS AREA	957 SQ. FT.
Nº OF UNITS	13

3 UNIT B1-ALT 1 DIMS & NOTES PLAN

SCALE: 1/4" = 1'-0" — 2 BR/2BA

REFER TO 1&2/A5.21 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

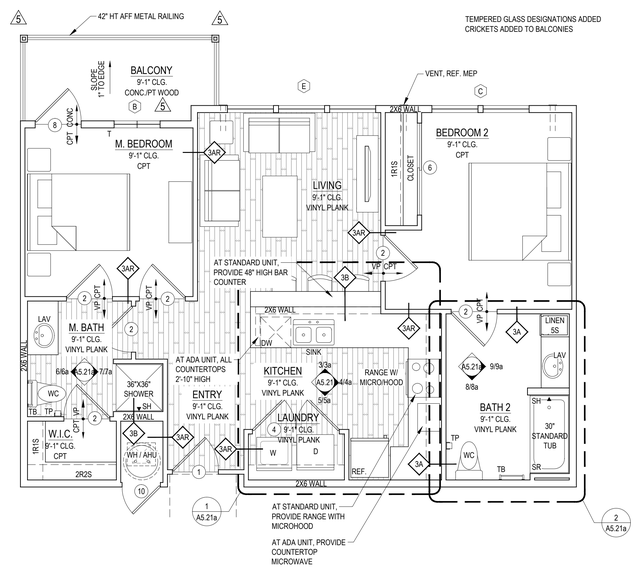


B1 - ALT 2	
MARKET NET AREA	867 SQ. FT.
HUD NET AREA	816 SQ. FT.
BALCONY AREA	68 SQ. FT.
GROSS AREA	935 SQ. FT.
Nº OF UNITS	8

4 UNIT B1-ALT 2 NOTES & DIMS PLAN

SCALE: 1/4" = 1'-0" — 2 BR/2BA

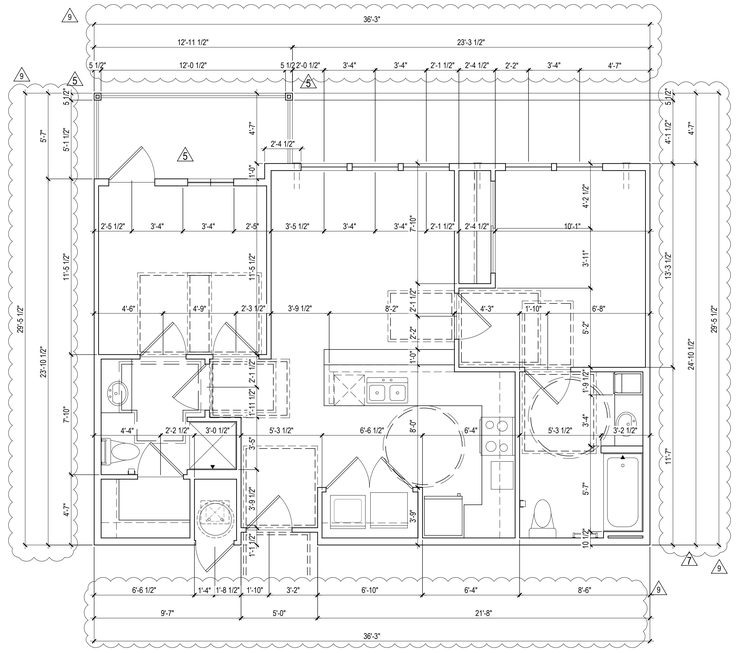
REFER TO 1&2/A5.21 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS



B1 / B1 ADA	
MARKET NET AREA	886 SQ. FT.
HUD NET AREA	835 SQ. FT.
BALCONY AREA	70 SQ. FT.
GROSS AREA	957 SQ. FT.
Nº OF UNITS	17

2 UNIT B1 / B1 ADA NOTES PLAN

SCALE: 1/4" = 1'-0" — 2 BR/2BA



1 UNIT B1 / B1 ADA DIMENSION PLAN

SCALE: 1/4" = 1'-0" — 2 BR/2BA

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
3	12/30/2016	HPA REVIEW
4	12/08/2017	ASI 2
5	01/19/2018	VE REVISIONS
7	04/20/2018	RFI 038
9	05-11-18	ASI 4

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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

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STATE OF LOUISIANA
REGISTERED ARCHITECT

HUMPHREYS & PARTNERS
ARCHITECTS / LOUISIANA, LLC
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504.717.4700 · F: 504.558.7762
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SAN RAMON · SCOTTSDALE · EDMONTON · TORONTO · MONTEVIDEO
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SHEET CONTENTS:
UNIT B1 FLOOR PLANS

SHEET NO.
A5.21

ASI 004: 05-21-2018

15557

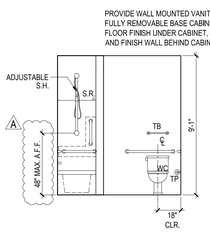
SYMBOL LEGEND - UNIT PLANS

X	WINDOW TAG SYMBOL	VP CPT	FLOORING TRANSITION TAG
X / 1/A1.01	DOOR TAG SYMBOL / DETAIL SECTION TAG		CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA REFER TO NOTES FOR REQUIRED DIMENSIONS
1 / A3.01	REFERENCE TAG		
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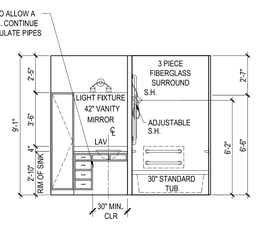
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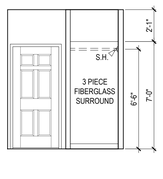
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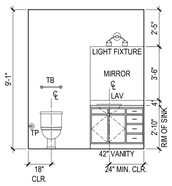
9a BATH 2 - ADA
SCALE: 1/4" = 1'-0"



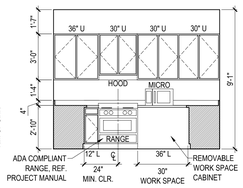
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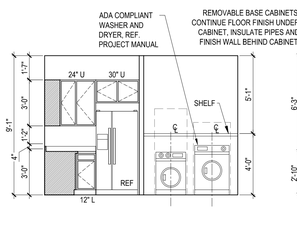
7a M. BATH - ADA
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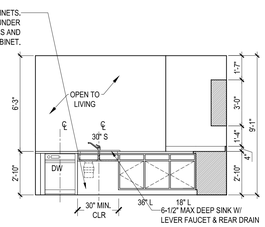
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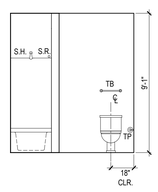
5a KITCHEN - ADA
SCALE: 1/4" = 1'-0"



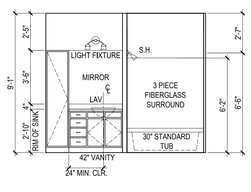
4a KITCHEN & LAUNDRY - ADA
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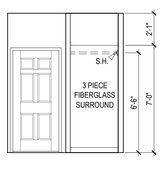
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SCALE: 1/4" = 1'-0"



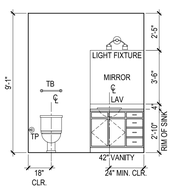
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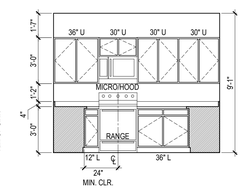
8 BATH 2
SCALE: 1/4" = 1'-0"



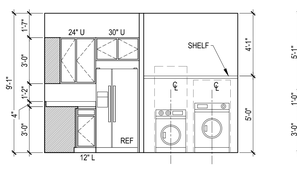
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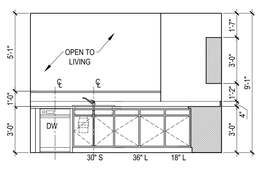
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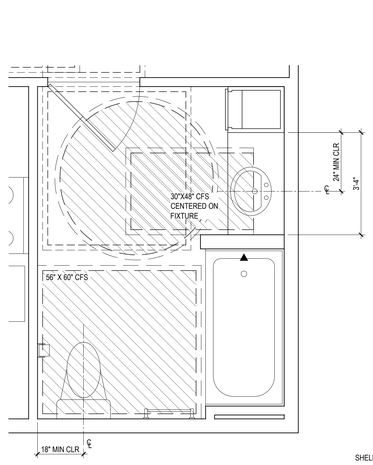
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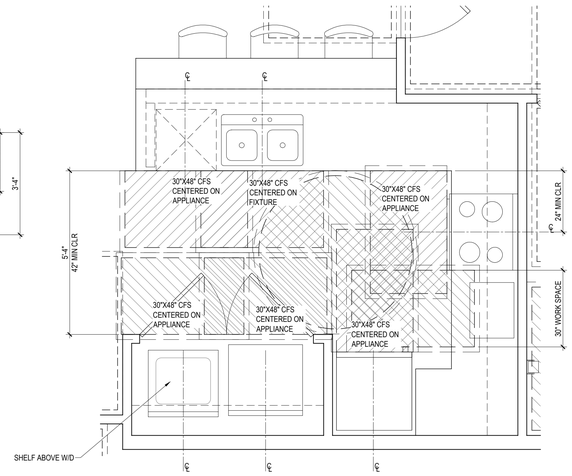
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SCALE: 1/4" = 1'-0"



3 KITCHEN
SCALE: 1/4" = 1'-0"



2 CLEAR FLOOR SPACE
UNIT B1 / B1 ADA BATHROOM
SCALE: 1/2" = 1'-0"
2 BR/2BA



1 UNIT B1 / B1 ADA KITCHEN & LAUNDRY CLEAR FLOOR SPACE
SCALE: 1/2" = 1'-0"
2 BR/2BA

PERMIT: 09-02-2016

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
1	12/30/2016	HPA REVIEW

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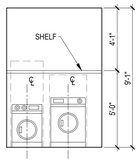
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Reg. No. 7062
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REGISTERED ARCHITECT

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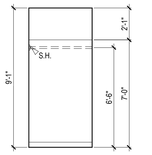
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UNIT B1 C.F.S. PLANS & INTERIOR ELEVATIONS

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A5.21a

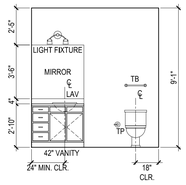
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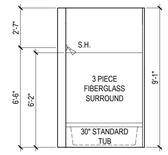
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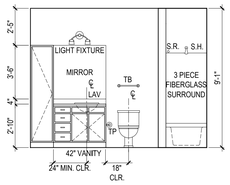
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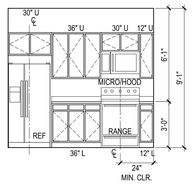
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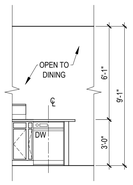
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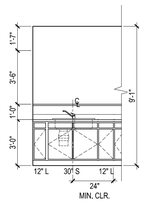
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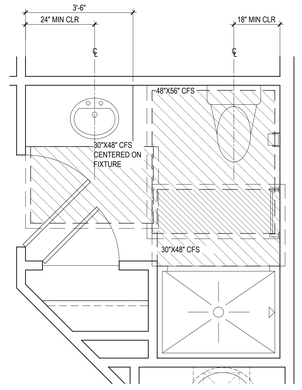
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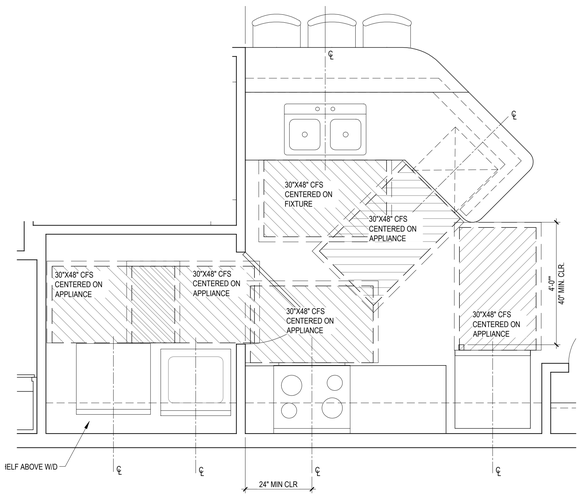
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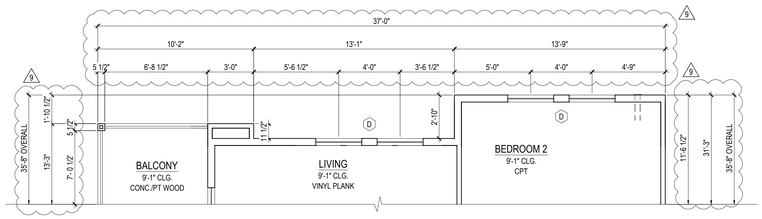
8 KITCHEN
SCALE: 1/4" = 1'-0"



7 UNIT B2 BATHROOM CLEAR FLOOR SPACE
SCALE: 1/2" = 1'-0"
2 BR/2BA

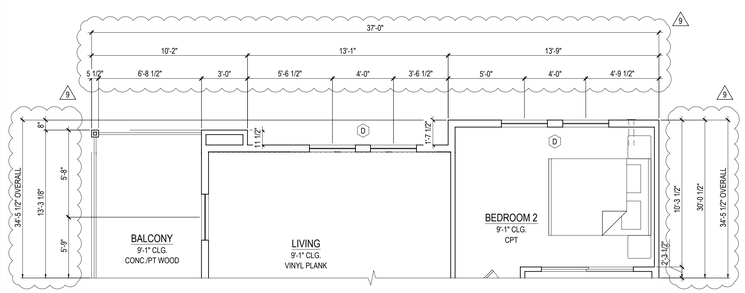


6 UNIT B2 KITCHEN & LAUNDRY CLEAR FLOOR SPACE
SCALE: 1/2" = 1'-0"
2 BR/2BA



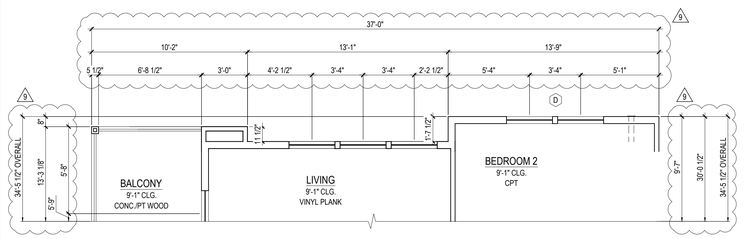
3 UNIT B2-ALT 1 DIMS & NOTES PLAN
SCALE: 1/4" = 1'-0"
2 BR/2BA
REFER TO 1&2/A5.22 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

B2-ALT 1	
MARKET NET AREA	1141 SQ. FT.
HUD NET AREA	1075 SQ. FT.
BALCONY AREA	95 SQ. FT.
GROSS AREA	1236 SQ. FT.
N° OF UNITS	4



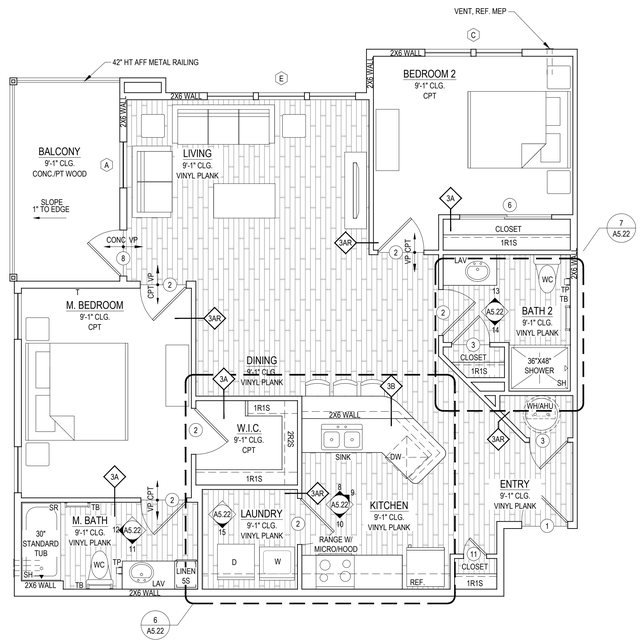
5 UNIT B2-ALT 3 DIMS & NOTES PLAN
SCALE: 1/4" = 1'-0"
2 BR/2BA
REFER TO 1&2/A5.22 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

B2-ALT 3	
MARKET NET AREA	1125 SQ. FT.
HUD NET AREA	1060 SQ. FT.
BALCONY AREA	95 SQ. FT.
GROSS AREA	1220 SQ. FT.
N° OF UNITS	1



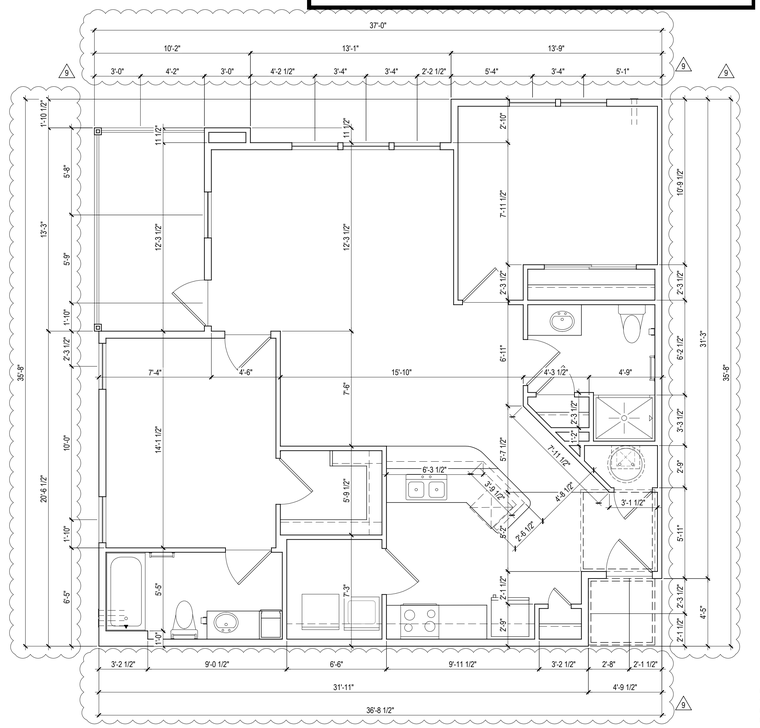
4 UNIT B2-ALT 2 DIMS & NOTES PLAN
SCALE: 1/4" = 1'-0"
2 BR/2BA
REFER TO 1&2/A5.22 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

B2-ALT 2	
MARKET NET AREA	1125 SQ. FT.
HUD NET AREA	1060 SQ. FT.
BALCONY AREA	95 SQ. FT.
GROSS AREA	1220 SQ. FT.
N° OF UNITS	2



2 UNIT B2 NOTES PLAN
SCALE: 1/4" = 1'-0"
2 BR/2BA

B2	
MARKET NET AREA	1141 SQ. FT.
HUD NET AREA	1075 SQ. FT.
BALCONY AREA	95 SQ. FT.
GROSS AREA	1236 SQ. FT.
N° OF UNITS	6



1 UNIT B2 DIMENSION PLAN
SCALE: 1/4" = 1'-0"
2 BR/2BA

SYMBOL LEGEND - UNIT PLANS

- X — WINDOW TAG SYMBOL
- X / 1/A1.01 — DOOR TAG SYMBOL
- 1/A1.01 — DETAIL SECTION TAG
- 1 / A3.01 — REFERENCE TAG
- 1 A3.01 / 2 — INTERIOR ELEVATION SYMBOL
- 1A — PARTITION WALL TAG REF A1.05
- VP CPT — FLOORING TRANSITION TAG
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA REFER TO NOTES FOR REQUIRED DIMENSIONS
- FURRDOWN FOR DEPTH REFER TO PLAN

AHU	= AIR HANDLER UNIT	MC	= MEDICINE CABINET @ 44" AFF	V	= VINYL		
CFS	= CLEAR FLOOR SPACE	RH	= ROBE HOOK	VP	= VINYL PLANK		
CO	= CASED OPENING	SH	= SHOWER HEAD	W	= WASHER		
CPT	= CARPET	SR	= SHOWER ROD	W/D	= WASHER / DRYER		
CSR	= CURVED SHOWER ROD	SRO	= SHEETROCK OPENING	WH	= WATER HEATER		
CT	= CERAMIC TILE	T	= TEMPERED GLASS	WS	= WORKSPACE		
D	= CLOTHES DRYER	TB	= TOWEL BAR	# S	= # OF SHELVES		
DW	= DISHWASHER	TP	= TOILET PAPER DISPENSER	1R1S	= DENOTES 1 ROD / 1 SHELF		
KS	= KNEE SPACE	TR	= TOWEL RING	2R2S	= DENOTES 2 RODS/ 2 SHELVES		

GENERAL UNIT NOTES

1. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
2. REFER TO SHEET A1.02 FOR ABBREVIATIONS AND GENERAL PROJECT NOTES.
3. REFER TO SHEET A1.02 FOR TYPICAL INTERIOR ELEVATION PROFILES & NOTES.
4. REFER TO SHEET A1.05 FOR TYPICAL WALL ASSEMBLIES.
5. REFER TO SHEET A2.01 FOR DOOR SCHEDULE & DETAILS.
6. ALL INTERIOR DOORS SHALL ALLOW 3/4" AIRFLOW FOR RETURN AIR AT BOTTOM OF DOOR.
7. REFER TO SHEET A2.02 FOR WINDOW SCHEDULE & DETAILS.
8. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS AND SLIDING GLASS DOORS SHALL HAVE PIN LOCKS OR CHARLEY BARS.
9. PER IBC-2012 TABLE 1021.2(1), STORIES PERMITTED TO HAVE A SINGLE EXIT ARE ALSO REQUIRED TO HAVE EMERGENCY ESCAPES OPENINGS. AS REQUIRED BY SECTION 1029, EMERGENCY ESCAPES OPENINGS TO BE PROVIDED IN BEDROOMS SHALL HAVE A MINIMUM OF ONE OPENING WITH 20" NET CLEAR WIDTH, 24" NET CLEAR HEIGHT, 5.7 SQFT. NET CLEAR OPENABLE AREA AND SHALL BE 44" MAXIMUM FROM FINISH FLOOR TO TOP OF SILL.
10. REFER TO BUILDING PLANS FOR WALL TYPES.
11. FOR DIMENSIONING PURPOSES, TYPICAL STUD WALLS ARE DIMENSIONED AS 3 1/2" THICK AND PLUMBING WALLS AS 5 1/2" THICK.
12. REFER TO STRUCTURAL DRAWINGS FOR ANY ADDITIONAL 2X6 WALL LOCATIONS.
13. PROVIDE MOISTURE RESISTANT GYPSUM DRYWALL IN ALL UNIT BATHROOM WALLS AND AT OTHER UNIT WETWALLS.
14. PROVIDE SOUND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
15. PROVIDE SOUND INSULATE WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
16. REFER TO STRUCTURAL DRAWINGS FOR SHEARWALL AND BEARING WALL LOCATIONS
17. VERTICAL MECHANICAL CHASES WITHIN UNITS ARE TO BE FIRE STOPPED PER LOCAL REQUIREMENTS.
18. ALL DIMENSIONS ARE TO FACE OF STUD OR CENTER LINE OF OPENING. U.N.O.
19. ALL ANGLES ARE 45° TO HORIZONTAL & VERTICAL DIRECTIONS, U.N.O. TYP. AT ALL UNITS.
20. ALL DIMENSIONS AND NOTES STATING "CLEAR" IS FROM FACE OF FINISH.
21. REFER TO A1.03 FOR ALL INTERIOR FAIR HOUSING ACT AND OTHER ACCESSIBILITY REQUIREMENTS.
22. ALL TOWEL BARS ARE TO BE MOUNTED AT 45" A.F.F. AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED OTHERWISE.
23. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. FILLERS ARE NOT TO EXCEED 3". REFER TO CABINET SHOP DRAWINGS.
24. VANITY MIRRORS TO BE 42" HIGH AND MATCHING THE VANITY WIDTH (TYP.), AND TO BE MOUNTED WITH THE BOTTOM OF THE REFLECTING SURFACE NO MORE THAN 40" A.F.F. IN ANSI TYPE A UNITS.
25. PROVIDE MINIMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
26. VERIFY ALL TUB WALL LENGTHS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, TUB MANUFACTURER AND TUB DETAILS.
27. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A1.03, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
28. SEE ARCHITECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE BLOCKING OR OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, LIGHTING, AWNINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE FEATURES AND ADJACENT ATTACHED STRUCTURES.
29. ALL EXTERIOR SLABS TO SLOPE DOWN 1" TOTAL TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
30. REFER TO A0.02 FOR TYPICAL ROOM FINISH SCHEDULE. VERIFY FINISHES WITH OWNER PRIOR TO CONSTRUCTION.
31. ALTHOUGH SYMBOLS HAVE BEEN REMOVED FOR CLARITY, FLOOR FINISHES EXTEND UNDER SHELVING, WASHER/DRYER, AND REFRIGERATOR. FLOOR FINISHES EXTEND UNDER ALL RAISED COUNTERS, AND DESK AND CABINETS INDICATED WITH "REMOVABLE FRONTS".
32. PROVIDE CONCRETE AT BALCONIES ON FIRST FLOOR AND ABOVE ENCLOSED SPACE. PROVIDE PRESSURE TREATED WOOD DECKING AT ALL OTHER BALCONIES.
33. CONTRACTOR TO PROVIDE APPLIANCES AS SPECIFIED.
34. REFER TO BUILDING PLANS (A300S) FOR LOCATIONS OF ADA UNITS. AT UNITS INDICATED, PROVIDE INTERIOR DETAILS AS INDICATED.
35. REFER TO BUILDING PLANS (A300S) FOR LOCATIONS OF HEARING IMPAIRED UNITS. AT UNITS INDICATED, PROVIDE REQUIRED COMMUNICATION FEATURES.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
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Revisions:

#	DATE	COMMENTS
1	12/30/2016	HPA REVIEW
2	01/19/2018	VE REVISIONS
3	05-11-18	ASI 4

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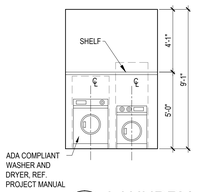
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SHEET CONTENTS:
UNIT B2 FLOOR PLANS & INTERIOR ELEVATIONS

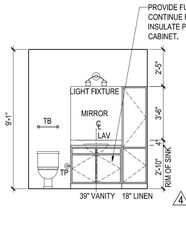
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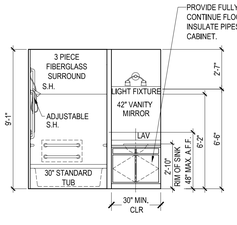


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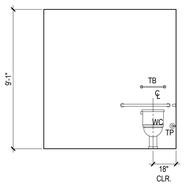


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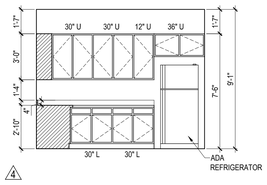
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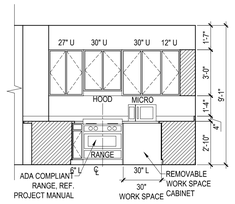
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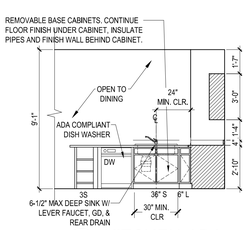
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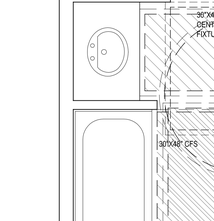
8a KITCHEN-ADA
SCALE: 1/4" = 1'-0"



7a KITCHEN-ADA
SCALE: 1/4" = 1'-0"



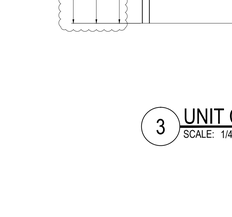
6a KITCHEN-ADA
SCALE: 1/4" = 1'-0"



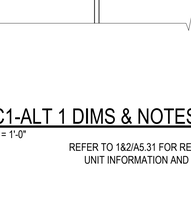
13 LAUNDRY
SCALE: 1/4" = 1'-0"

12 BATH 2
SCALE: 1/4" = 1'-0"

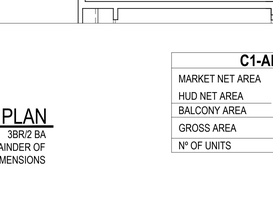
11 NOT USED
SCALE: 1/4" = 1'-0"



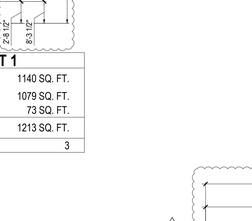
10 M. BATH
SCALE: 1/4" = 1'-0"



9 M.BATH
SCALE: 1/4" = 1'-0"



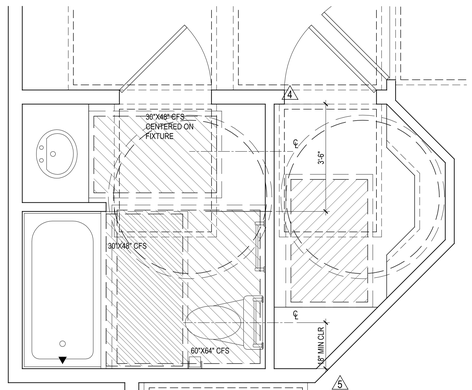
8 KITCHEN
SCALE: 1/4" = 1'-0"



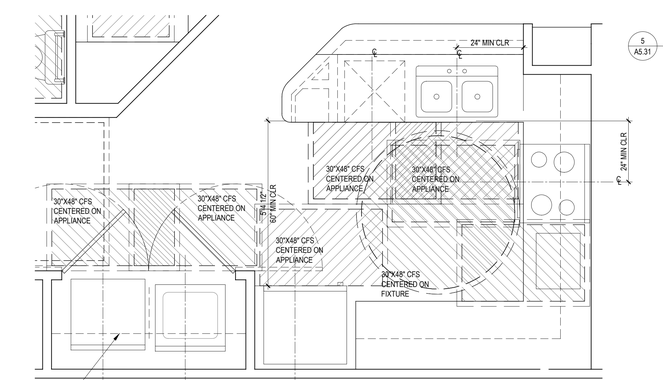
7 KITCHEN
SCALE: 1/4" = 1'-0"



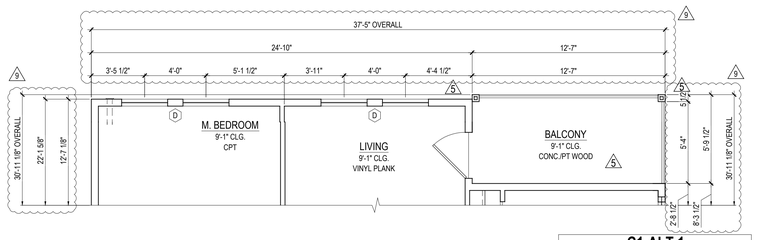
6 KITCHEN
SCALE: 1/4" = 1'-0"



5 UNIT C1 / C1 ADA M. BATH CLEAR FLOOR SPACE
SCALE: 1/2" = 1'-0" 3BR/2 BA

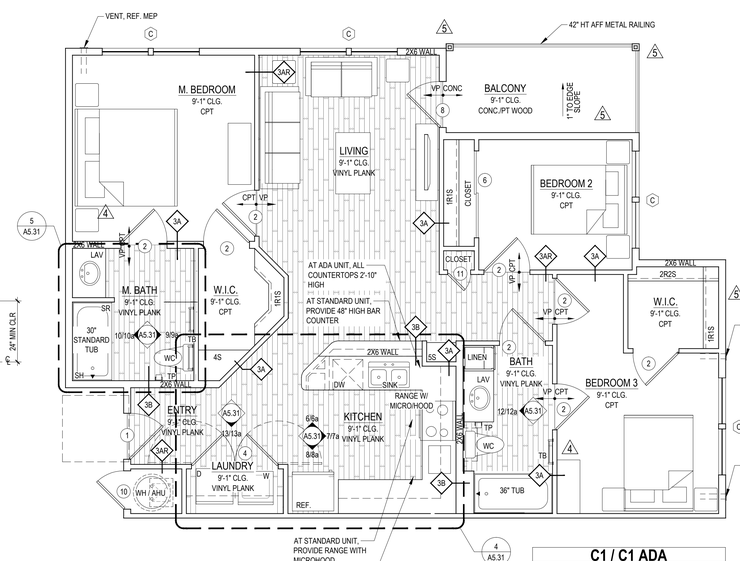


4 UNIT C1 / C1 ADA KITCHEN & LAUNDRY CLEAR FLOOR SPACE
SCALE: 1/2" = 1'-0" 3BR/2 BA



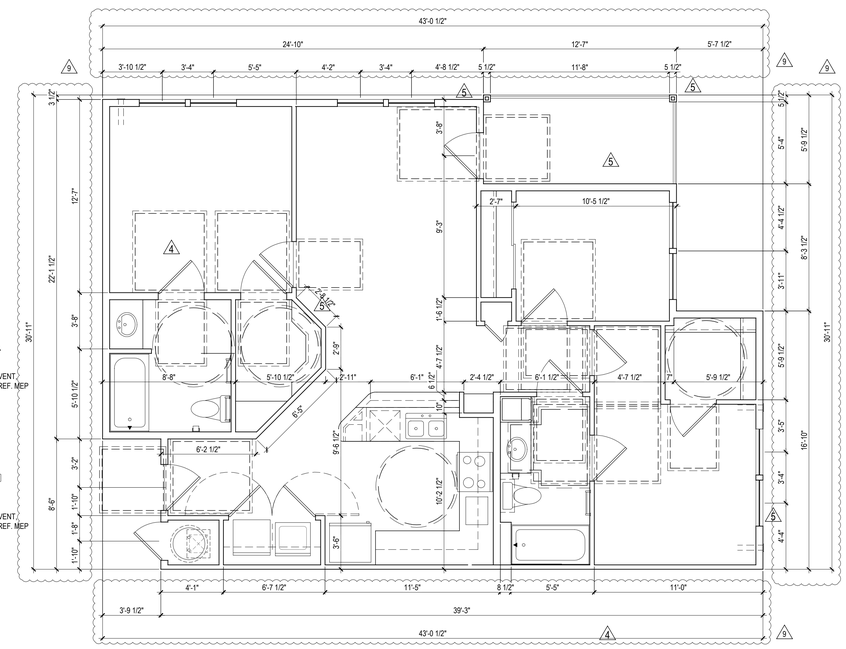
C1-ALT 1	
MARKET NET AREA	1140 SQ. FT.
HUD NET AREA	1079 SQ. FT.
BALCONY AREA	73 SQ. FT.
GROSS AREA	1213 SQ. FT.
N° OF UNITS	3

3 UNIT C1-ALT 1 DIMS & NOTES PLAN
SCALE: 1/4" = 1'-0" 3BR/2 BA
REFER TO 1&2/A5.31 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS



C1 / C1 ADA	
MARKET NET AREA	1140 SQ. FT.
HUD NET AREA	1079 SQ. FT.
BALCONY AREA	73 SQ. FT.
GROSS AREA	1213 SQ. FT.
N° OF UNITS	6

2 UNIT C1 / C1 ADA NOTES PLAN
SCALE: 1/4" = 1'-0" 3BR/2 BA



1 UNIT C1 / C1 ADA DIMENSION PLAN
SCALE: 1/4" = 1'-0" 3BR/2 BA

SYMBOL LEGEND - UNIT PLANS

- X — WINDOW TAG SYMBOL
- X — DOOR TAG SYMBOL
- 1/A1.01 — DETAIL SECTION TAG
- 1 / A3.01 — REFERENCE TAG
- 1 A3.01 2 — INTERIOR ELEVATION SYMBOL
- 1A — PARTITION WALL TAG REF A1.05
- VP CPT — FLOORING TRANSITION TAG
- CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA REFER TO NOTES FOR REQUIRED DIMENSIONS
- FURROWN FOR DEPTH REFER TO PLAN

AHU	= AIR HANDLER UNIT	MC	= MEDICINE CABINET @ 44" AFF	V	= VINYL
CFS	= CLEAR FLOOR SPACE	RH	= ROBE HOOK	VP	= VINYL PLANK
CO	= CASED OPENING	SH	= SHOWER HEAD	W	= WASHER
CPT	= CARPET	SR	= SHOWER ROD	W/D	= WASHER / DRYER
CSR	= CURVED SHOWER ROD	SRO	= SHEETROCK OPENING	WH	= WATER HEATER
CT	= CERAMIC TILE	T	= TEMPERED GLASS	WS	= WORKSPACE
D	= CLOTHES DRYER	TB	= TOWEL BAR	# S	= # OF SHELVES
DW	= DISHWASHER	TP	= TOILET PAPER DISPENSER	1R1S	= DENOTES 1 ROD/ 1 SHELF
KS	= KNEE SPACE	TR	= TOWEL RING	2R2S	= DENOTES 2 RODS/ 2 SHELVES

GENERAL UNIT NOTES

1. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
2. REFER TO SHEET A1.02 FOR ABBREVIATIONS AND GENERAL PROJECT NOTES.
3. REFER TO SHEET A1.02 FOR TYPICAL INTERIOR ELEVATION PROFILES & NOTES.
4. REFER TO SHEET A1.05 FOR TYPICAL WALL ASSEMBLIES.
5. REFER TO SHEET A2.01 FOR DOOR SCHEDULE & DETAILS.
6. ALL INTERIOR DOORS SHALL ALLOW ½" AIRFLOW FOR RETURN AIR AT BOTTOM OF DOOR.
7. REFER TO SHEET A2.02 FOR WINDOW SCHEDULE & DETAILS.
8. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS AND SLIDING GLASS DOORS SHALL HAVE PIN LOCKS OR CHARLEY BARS.
9. PER IBC-2012 TABLE 1021.2(1), STORIES PERMITTED TO HAVE A SINGLE EXIT ARE ALSO REQUIRED TO HAVE EMERGENCY ESCAPES OPENINGS. AS REQUIRED BY SECTION 1029, EMERGENCY ESCAPES OPENINGS TO BE PROVIDED IN BEDROOMS SHALL HAVE A MINIMUM OF ONE OPENING WITH 20" NET CLEAR WIDTH, 24" NET CLEAR HEIGHT, 5.7 SQFT. NET CLEAR OPENABLE AREA AND SHALL BE 44" MAXIMUM FROM FINISH FLOOR TO TOP OF SILL.
10. REFER TO BUILDING PLANS FOR WALL TYPES.
11. FOR DIMENSIONING PURPOSES, TYPICAL STUD WALLS ARE DIMENSIONED AS 3 ½" THICK AND PLUMBING WALLS AS 5½" THICK.
12. REFER TO STRUCTURAL DRAWINGS FOR ANY ADDITIONAL 2X6 WALL LOCATIONS.
13. PROVIDE MOISTURE RESISTANT GYPSUM DRYWALL IN ALL UNIT BATHROOM WALLS AND AT OTHER UNIT WETWALLS.
14. PROVIDE SOUND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
15. PROVIDE SOUND INSULATE WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
16. REFER TO STRUCTURAL DRAWINGS FOR SHEARWALL AND BEARING WALL LOCATIONS.
17. VERTICAL MECHANICAL CHASES WITHIN UNITS ARE TO BE FIRE STOPPED PER LOCAL REQUIREMENTS.
18. ALL DIMENSIONS ARE TO FACE OF STUD OR CENTER LINE OF OPENING. U.N.O.
19. ALL ANGLES ARE 45° TO HORIZONTAL & VERTICAL DIRECTIONS, U.N.O. TYP. AT ALL UNITS.
20. ALL DIMENSIONS AND NOTES STATING "CLEAR" IS FROM FACE OF FINISH.
21. REFER TO A1.03 FOR ALL INTERIOR FAIR HOUSING ACT AND OTHER ACCESSIBILITY REQUIREMENTS.
22. ALL TOWEL BARS ARE TO BE MOUNTED AT 45" A.F.F. AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED OTHERWISE.
23. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE FILLERS AS REQUIRED. FILLERS ARE NOT TO EXCEED 3". REFER TO CABINET SHOP DRAWINGS.
24. VANITY MIRRORS TO BE 42" HIGH AND MATCHING THE VANITY WIDTH (TYP.), AND TO BE MOUNTED WITH THE BOTTOM OF THE REFLECTING SURFACE NO MORE THAN 40" A.F.F. IN ANSI TYPE A UNITS.
25. PROVIDE MINIMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
26. VERIFY ALL TUB WALL LENGTHS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, TUB MANUFACTURER AND TUB DETAILS.
27. PROVIDE SOLID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A1.03, OR ALTERNATIVE MEANS OF REINFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
28. SEE ARCHITECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE BLOCKING OR OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, LIGHTING, AWNINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE FEATURES AND ADJACENT ATTACHED STRUCTURES.
29. ALL EXTERIOR SLABS TO SLOPE DOWN 1" TOTAL TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY WITH STRUCTURE.
30. REFER TO A0.02 FOR TYPICAL ROOM FINISH SCHEDULE. VERIFY FINISHES WITH OWNER PRIOR TO CONSTRUCTION.
31. ALTHOUGH SYMBOLS HAVE BEEN REMOVED FOR CLARITY, FLOOR FINISHES EXTEND UNDER SHELVING, WASHER/DRYER, AND REFRIGERATOR. FLOOR FINISHES EXTEND UNDER ALL RAISED COUNTERS, AND DESK AND CABINETS INDICATED WITH "REMOVABLE FRONTS".
32. PROVIDE CONCRETE AT BALCONIES ON FIRST FLOOR AND ABOVE ENCLOSED SPACE. PROVIDE PRESSURE TREATED WOOD DECKING AT ALL OTHER BALCONIES.
33. CONTRACTOR TO PROVIDE APPLIANCES AS SPECIFIED.
34. REFER TO BUILDING PLANS (A300S) FOR LOCATIONS OF ADA UNITS. AT UNITS INDICATED, PROVIDE INTERIOR DETAILS AS INDICATED.
35. REFER TO BUILDING PLANS (A300S) FOR LOCATIONS OF HEARING IMPAIRED UNITS. AT UNITS INDICATED, PROVIDE REQUIRED COMMUNICATION FEATURES.

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
1	12/30/2016	HPA REVIEW
2	12/08/2017	ASI 2
3	01/19/2018	VE REVISIONS
4	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA P. DESANDRO
Reg. No. 7674
STATE OF LOUISIANA
REGISTERED ARCHITECT

HUMPHREYS & PARTNERS
ARCHITECTS / LOUISIANA, LLC
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504.717.4700 · F: 504.558.7762
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SHEET CONTENTS:
UNIT C1 FLOOR PLANS & INTERIOR ELEVATIONS

SHEET NO.
A5.31

ASI 004: 05-21-2018

15557

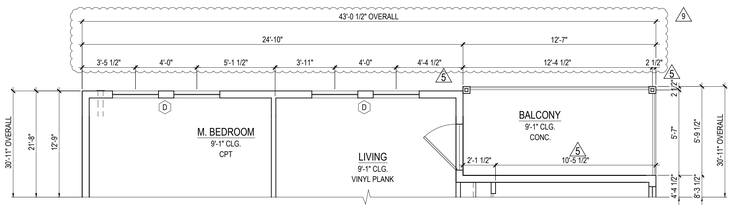
SYMBOL LEGEND - UNIT PLANS

X — WINDOW TAG SYMBOL	VP CPT — FLOORING TRANSITION TAG
X — DOOR TAG SYMBOL	CLEAR FLOOR SPACE WITH 2" TOLERANCE AREA REFER TO NOTES FOR REQUIRED DIMENSIONS
1/A1.01 — DETAIL SECTION TAG	
1 A3.01 — REFERENCE TAG	FURRDOWN FOR DEPTH REFER TO PLAN
1 A3.01 2 — INTERIOR ELEVATION SYMBOL	
1A — PARTITION WALL TAG REF A1.05	

AHU	= AIR HANDLER UNIT	MC	= MEDICINE CABINET @ 44" AFF	V	= VINYL
CFS	= CLEAR FLOOR SPACE	RH	= ROBE HOOK	VP	= VINYL PLANK
CO	= CASED OPENING	SH	= SHOWER HEAD	W	= WASHER
CPT	= CARPET	SR	= SHOWER ROD	W/D	= WASHER / DRYER
CSR	= CURVED SHOWER ROD	SRO	= SHEETROCK OPENING	WH	= WATER HEATER
CT	= CERAMIC TILE	T	= TEMPERED GLASS	WS	= WORKSPACE
D	= CLOTHES DRYER	TB	= TOWEL BAR	# S	= # OF SHELVES
DW	= DISHWASHER	TP	= TOILET PAPER DISPENSER	1R1S	= DENOTES 1 ROD/ 1 SHELF
KS	= KNEE SPACE	TR	= TOWEL RING	2R2S	= DENOTES 2 RODS/ 2 SHELVES

GENERAL UNIT NOTES

1. REFER TO MEP DWGS FOR LOCATION OF SMOKE, CO & FIRE DETECTORS.
2. REFER TO SHEET A1.02 FOR ABBREVIATIONS AND GENERAL PROJECT NOTES.
3. REFER TO SHEET A1.02 FOR TYPICAL INTERIOR ELEVATION PROFILES & NOTES.
4. REFER TO SHEET A1.05 FOR TYPICAL WALL ASSEMBLIES.
5. REFER TO SHEET A2.01 FOR DOOR SCHEDULE & DETAILS.
6. ALL INTERIOR DOORS SHALL ALLOW ½" AIRFLOW FOR RETURN AIR AT BOTTOM OF DOOR.
7. REFER TO SHEET A2.02 FOR WINDOW SCHEDULE & DETAILS.
8. ALL EXTERIOR WINDOWS SHALL MEET ALL FEDERAL, STATE AND ANY LOCAL GLAZING STANDARDS AND SLIDING GLASS DOORS SHALL HAVE PIN LOCKS OR CHARLEY BARS.
9. PER IBC-2012 TABLE 1021.2(1), STORIES PERMITTED TO HAVE A SINGLE EXIT ARE ALSO REQUIRED TO HAVE EMERGENCY ESCAPES OPENINGS. AS REQUIRED BY SECTION 1029, EMERGENCY ESCAPES OPENINGS TO BE PROVIDED IN BEDROOMS SHALL HAVE A MINIMUM OF ONE OPENING WITH 20" NET CLEAR WIDTH, 24" NET CLEAR HEIGHT, 5.7 SQFT. NET CLEAR OPENABLE AREA AND SHALL BE 44" MAXIMUM FROM FINISH FLOOR TO TOP OF SILL.
10. **REFER TO B**UILDING PLANS FOR WALL TYPES.
11. **FOR DIMENSI**ONING PURPOSES, TYPICAL STUD WALLS ARE DIMENSIONED AS 3 ½" THICK AND PLUMBING WALLS AS 5½" **THICK.**
12. **REFER TO S**TRUCTURAL DRAWINGS FOR ANY ADDITIONAL 2X6 WALL LOCATIONS.
13. **PROVIDE MOI**STURE RESISTANT GYPSUM DRYWALL IN ALL UNIT BATHROOM WALLS AND AT OTHER UNIT WETWALLS.
14. **PROVIDE SOU**ND BATTS IN ALL CORRIDOR AND TENANT SEPARATION WALLS.
15. **PROVIDE SOU**ND INSULATE WALLS AROUND ALL LAUNDRY ROOMS, PLUMBING, AND ALL HVAC CLOSETS.
16. **REFER TO S**TRUCTURAL DRAWINGS FOR SHEARWALL AND BEARING WALL LOCATIONS.
17. **VERTICAL ME**CHANICAL CHASES WITHIN UNITS ARE TO BE FIRE STOPPED PER LOCAL REQUIREMENTS.
18. **ALL DIMENSI**ONS ARE TO FACE OF STUD OR CENTER LINE OF OPENING. U.N.O.
19. **ALL ANGLES** ARE 45° TO HORIZONTAL & VERTICAL DIRECTIONS, U.N.O. TYP. AT ALL UNITS.
20. **ALL DIMENSI**ONS AND NOTES STATING "CLEAR" IS FROM FACE OF FINISH.
21. **REFER TO A1**.03 FOR ALL INTERIOR FAIR HOUSING ACT AND OTHER ACCESSIBILITY REQUIREMENTS.
22. **ALL TOWEL** BARS ARE TO BE MOUNTED AT 45" A.F.F. AND TOILET PAPER DISPENSERS AT 18" A.F.F. UNLESS NOTED **OTHERWISE.**
23. **INTERIOR EL**EVATIONS ARE FOR SCHEMATIC CABINET LAYOUT ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE **FILLERS AS** REQUIRED. FILLERS ARE NOT TO EXCEED 3". REFER TO CABINET SHOP DRAWINGS.
24. **VANITY MIRR**ORS TO BE 42" HIGH AND MATCHING THE VANITY WIDTH (TYP.), AND TO BE MOUNTED WITH THE BOTTOM OF **THE REFLECTING** SURFACE NO MORE THAN 40" A.F.F. IN ANSI TYPE A UNITS.
25. **PROVIDE MIN**IMUM RATED 2A:10B:C FIRE EXTINGUISHER IN EACH KITCHEN UNDER THE SINK.
26. **VERIFY ALL** TUB WALL LENGTHS AND DIMENSIONS WITH ACTUAL TUB PROVIDED. CONTRACTOR TO COORDINATE FRAMING, **TUB MANUF**ACTURER AND TUB DETAILS.
27. **PROVIDE SOL**ID BLOCKING IN WALLS FOR FUTURE INSTALLATION OF GRAB BARS AS SHOWN ON A1.03, OR ALTERNATIVE **MEANS OF RE**INFORCING THE CAVITY BETWEEN THE FIBERGLASS TUB AND THE WALL.
28. **SEE ARCHI**TECTURAL ELEVATION, MEP AND STRUCTURAL DRAWINGS FOR EXTERIOR FEATURES THAT MAY REQUIRE **BLOCKING OR** OTHER CONSIDERATIONS SPECIFIC TO THE UNIT LOCATION IN THE BUILDING, SUCH AS ATTACHED SIGNAGE, **LIGHTING, AW**NINGS, CANOPIES, TRELLISES, SHUTTERS, FIXTURES, BUILDOUTS, CORNICES, RAILINGS, LANDSCAPE **FEATURES AN**D ADJACENT ATTACHED STRUCTURES.
29. **ALL EXTERIOR** SLABS TO SLOPE DOWN 1" TOTAL TO EDGE OF SLAB. LIGHT BROOM FINISH AT SLOPED SURFACES. VERIFY **WITH STRUC**TURE.
30. **REFER TO A0**.02 FOR TYPICAL ROOM FINISH SCHEDULE. VERIFY FINISHES WITH OWNER PRIOR TO CONSTRUCTION.
31. **ALTHOUGH** SYMBOLS HAVE BEEN REMOVED FOR CLARITY, FLOOR FINISHES EXTEND UNDER SHELVING, WASHER/DRYER, **AND REFRIG**ERATOR. FLOOR FINISHES EXTEND UNDER ALL RAISED COUNTERS, AND DESK AND CABINETS INDICATED WITH **"REMOVABLE** FRONTS".
32. **PROVIDE CON**CRETE AT BALCONIES ON FIRST FLOOR AND ABOVE ENCLOSED SPACE. PROVIDE PRESSURE TREATED **WOOD DECK**ING AT ALL OTHER BALCONIES.
33. **CONTRACTOR** TO PROVIDE APPLIANCES AS SPECIFIED.
34. **REFER TO BU**ILDING PLANS (A300S) FOR LOCATIONS OF ADA UNITS. AT UNITS INDICATED, PROVIDE INTERIOR DETAILS AS **INDICATED.**
35. **REFER TO BU**ILDING PLANS (A300S) FOR LOCATIONS OF HEARING IMPAIRED UNITS. AT UNITS INDICATED, PROVIDE **REQUIRED COM**MUNICATION FEATURES.

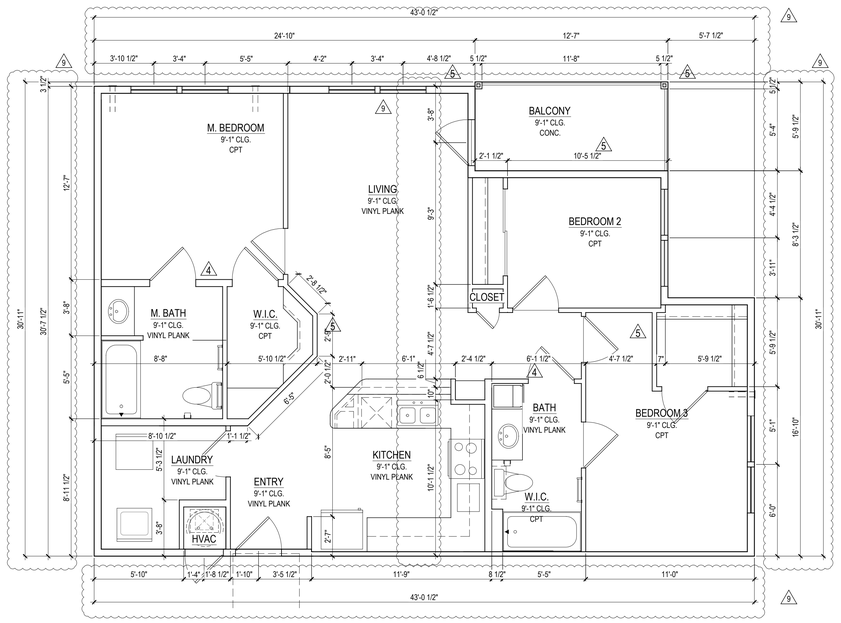


4 UNIT C1-ALT 5 DIMS & NOTES PLAN

SCALE: 1/4" = 1'-0" — 3BR/2 BA

REFER TO 1&2/A5.31 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

C1-ALT 5	
MARKET NET AREA	1172 SQ. FT.
HUD NET AREA	1110 SQ. FT.
BALCONY AREA	73 SQ. FT.
GROSS AREA	1245 SQ. FT.
Nº OF UNITS	2

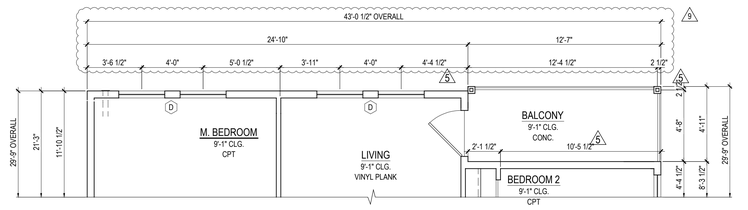


3 UNIT C1-ALT 4 DIMS & NOTES PLAN

SCALE: 1/4" = 1'-0" — 3BR/2 BA

REFER TO 1&2/A5.31 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

C1-ALT 4	
MARKET NET AREA	1172 SQ. FT.
HUD NET AREA	1110 SQ. FT.
BALCONY AREA	73 SQ. FT.
GROSS AREA	1245 SQ. FT.
Nº OF UNITS	4

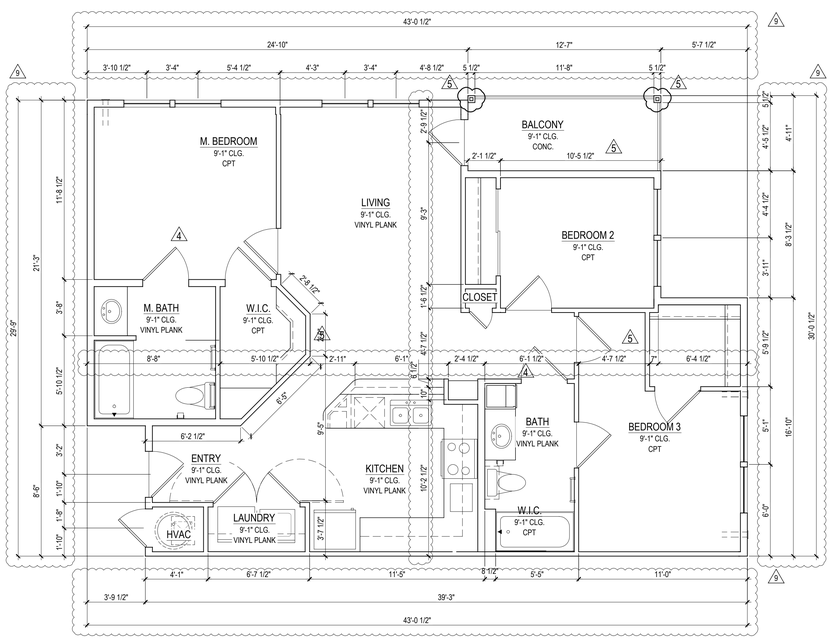


2 UNIT C1-ALT 3 DIMS & NOTES PLAN

SCALE: 1/4" = 1'-0" — 3BR/2 BA

REFER TO 1&2/A5.31 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

C1-ALT 3	
MARKET NET AREA	1118 SQ. FT.
HUD NET AREA	1058 SQ. FT.
BALCONY AREA	62 SQ. FT.
GROSS AREA	1179 SQ. FT.
Nº OF UNITS	6



1 UNIT C1-ALT 2 DIMS & NOTES PLAN

SCALE: 1/4" = 1'-0" — 3BR/2 BA

REFER TO 1&2/A5.31 FOR REMAINDER OF UNIT INFORMATION AND DIMENSIONS

C1 - ALT 2	
MARKET NET AREA	1118 SQ. FT.
HUD NET AREA	1058 SQ. FT.
BALCONY AREA	62 SQ. FT.
GROSS AREA	1179 SQ. FT.
Nº OF UNITS	11

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
3	12/30/2016	HPA REVIEW
4	12/08/2017	ASI 2
5	01/19/2018	VE REVISIONS
6	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

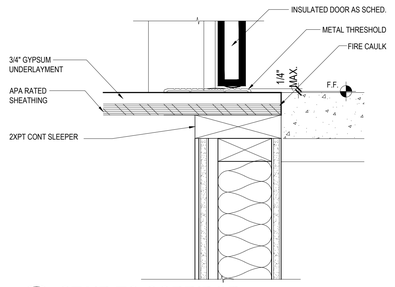
HUMPHREYS & PARTNERS
ARCHITECTS / LOUISIANA, LLC
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SHEET CONTENTS:
UNIT C1 ALTERNATE FLOOR PLANS

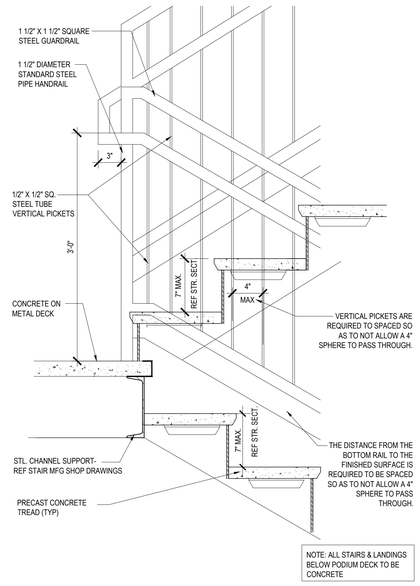
SHEET NO.
A5.31a

ASI 004: 05-21-2018

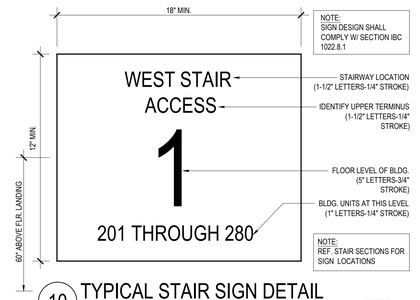
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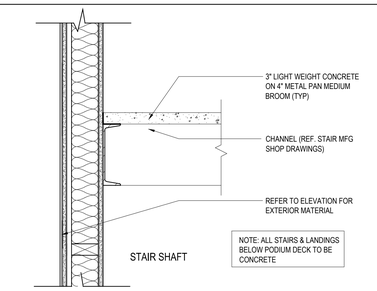
20 STAIR TO CORRIDOR
SCALE: 3" = 1'-0"



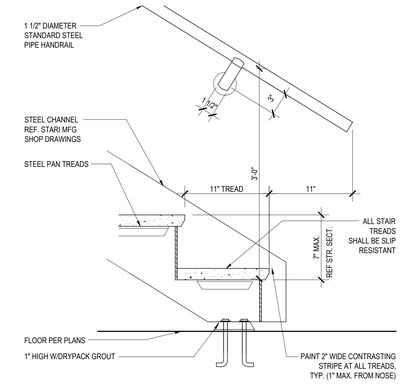
14 HANDRAIL AT INTERMEDIATE LANDING
SCALE: 1-1/2" = 1'-0"



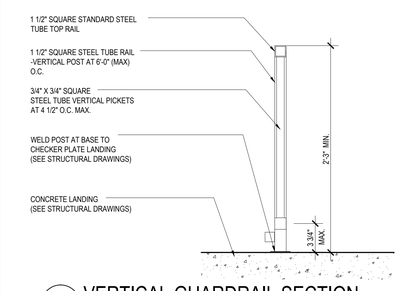
10 TYPICAL STAIR SIGN DETAIL
SCALE: 1-1/2" = 1'-0"



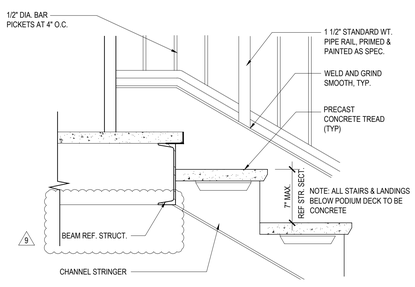
5 STAIR - MID LANDING
SCALE: 1-1/2" = 1'-0"



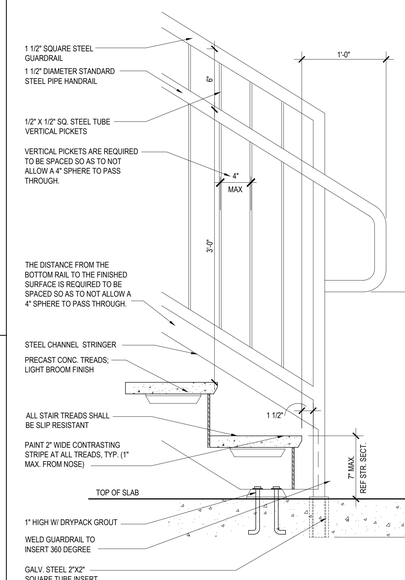
18 HANDRAIL EXTENSION AT BOTTOM
SCALE: 1-1/2" = 1'-0"



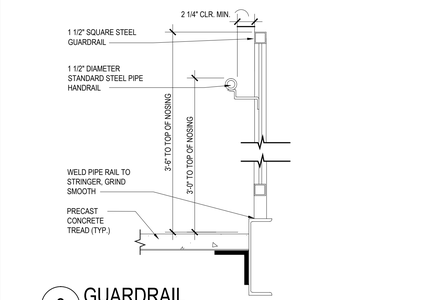
9 VERTICAL GUARDRAIL SECTION
SCALE: 1-1/2" = 1'-0"



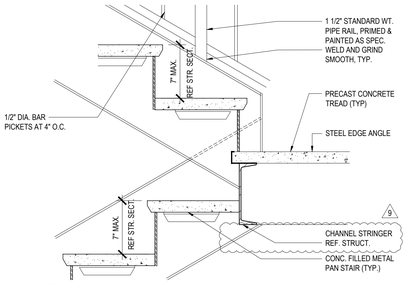
4 STAIR CONNECTION-TOP LANDING
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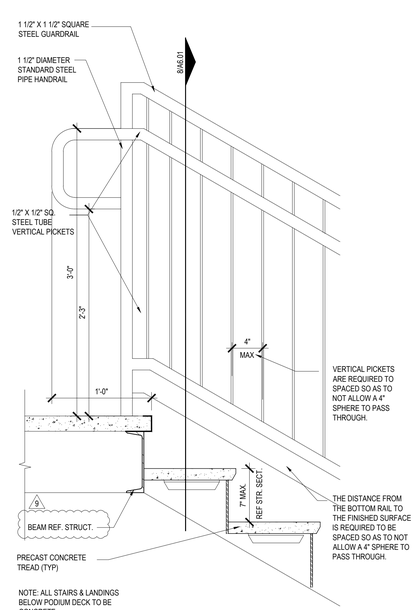
12 HANDRAIL AT FOUNDATION
SCALE: 1-1/2" = 1'-0"



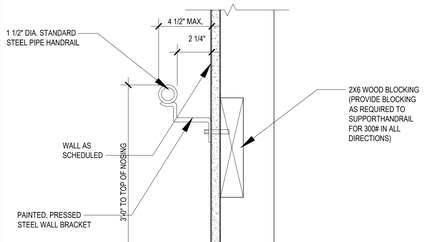
8 GUARDRAIL
SCALE: 1-1/2" = 1'-0"



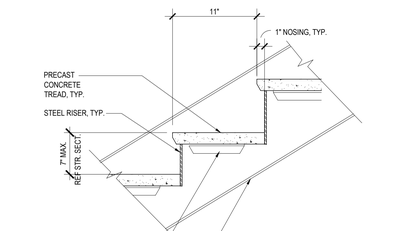
3 STAIR CONNECTION-MID LANDING
SCALE: 1-1/2" = 1'-0"



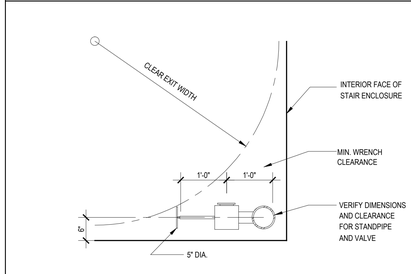
16 HANDRAIL AT TOP LANDING
SCALE: 1-1/2" = 1'-0"



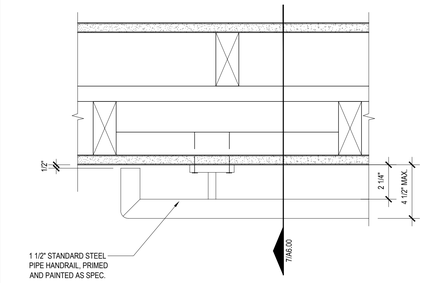
7 HANDRAIL ATTACHMENT - SECTION
SCALE: 1-1/2" = 1'-0"



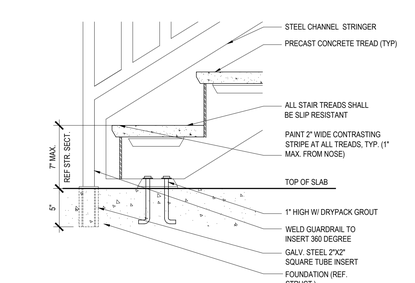
2 TREAD/RISER DETAIL
SCALE: 1-1/2" = 1'-0"



11 STANDPIPE PLAN
SCALE: 3/4" = 1'-0"



6 HANDRAIL ATTACHMENT PLAN
SCALE: 1-1/2" = 1'-0"



1 STAIR CONNECTION-BOTTOM
SCALE: 1-1/2" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
1	9/22/2017	REVISION 1
9	05-11-18	ASI 4

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JULIA A. DeSANNIO
LICENSED
STATE OF LOUISIANA
REGISTERED ARCHITECT

SHEET CONTENTS:
TYPICAL STAIR DETAILS

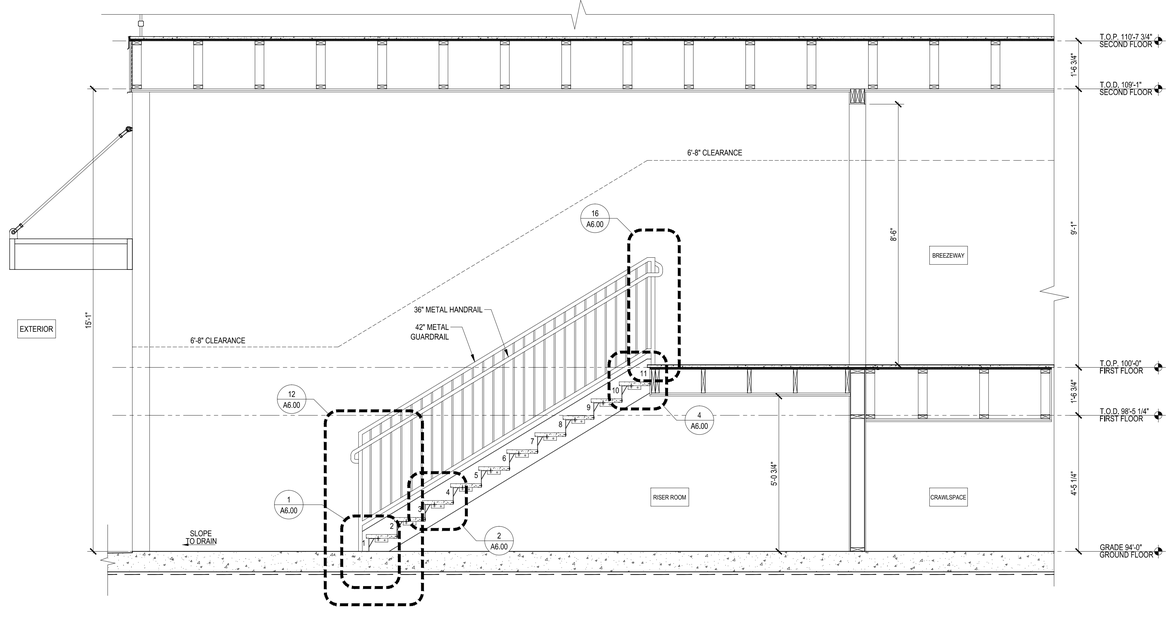
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ASI 004: 05-21-2018

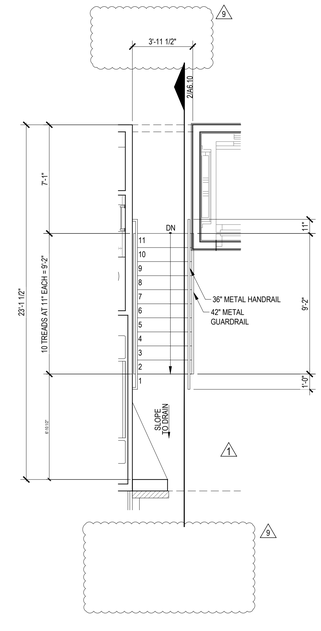
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STAIR NOTES

1. PROVIDE SIGNS AT EACH FLOOR LANDING DESIGNATING THE FLOOR LEVEL, TERMINUS OF THE TOP AND BOTTOM OF THE STAIR ENCLOSURE, IDENTIFICATION OF THE STAIR STORY NUMBER, DIRECTION TO THE EXIT, AND THE AVAILABILITY OF ROOF ACCESS FOR THE FIRE DEPARTMENT. SIGNS SHALL BE LOCATED 5'-0" ABOVE THE FLOOR LANDING IN A POSITION WHICH IS READILY VISIBLE WHEN THE DOORS ARE IN THE OPEN AND CLOSE POSITION.
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2 STAIR 1A SECTION
SCALE: 1/2" = 1'-0"



1 FIRST FLOOR STAIR 1A PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
9	05-11-18	ASI 4

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LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
Date No. 34470
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REGISTERED ARCHITECT

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SHEET CONTENTS:
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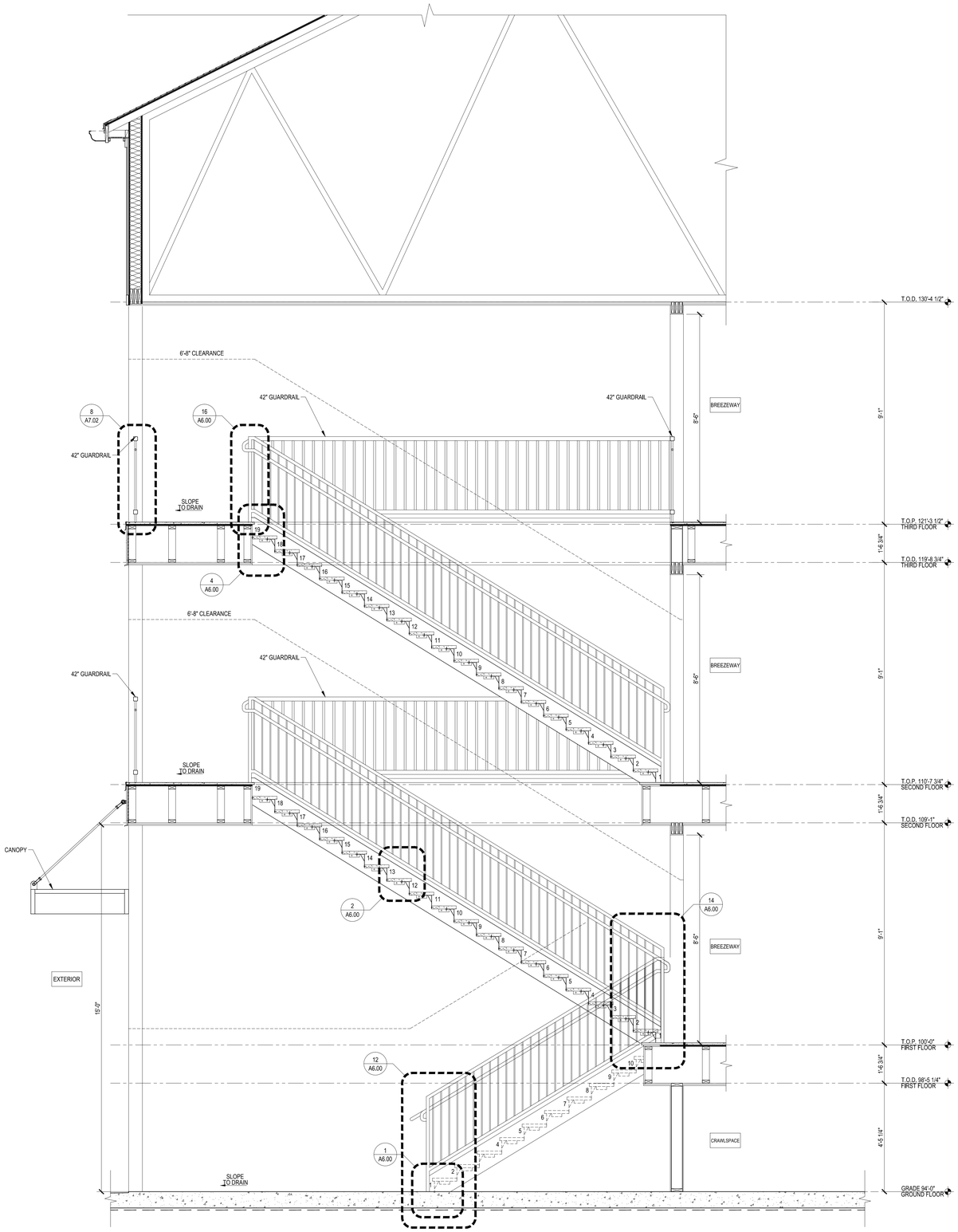
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ASI 004: 05-21-2018

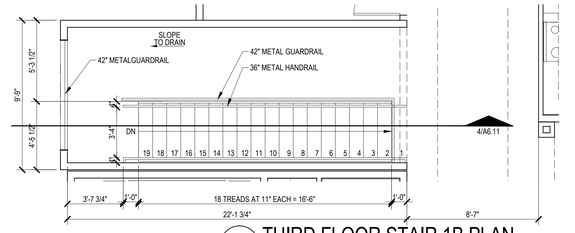
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STAIR NOTES

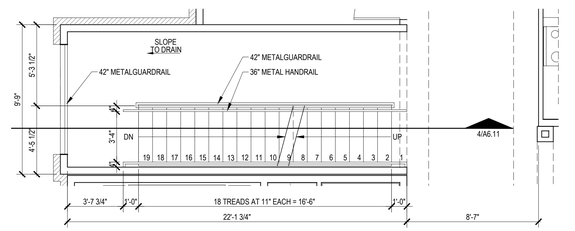
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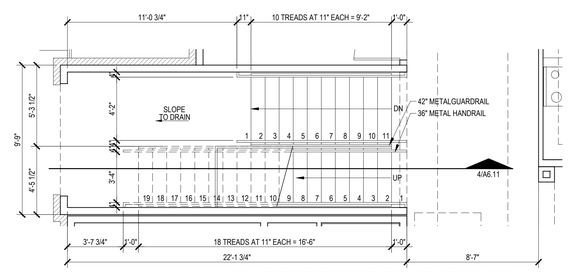
4 STAIR 1B SECTION
SCALE: 1/2" = 1'-0"



3 THIRD FLOOR STAIR 1B PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR STAIR 1B PLAN
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR STAIR 1B PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

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LOFTS AT CANTERBURY, LLC

PANTA A. DIKSAITIS
Reg. No. 7042
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REGISTERED
ARCHITECT

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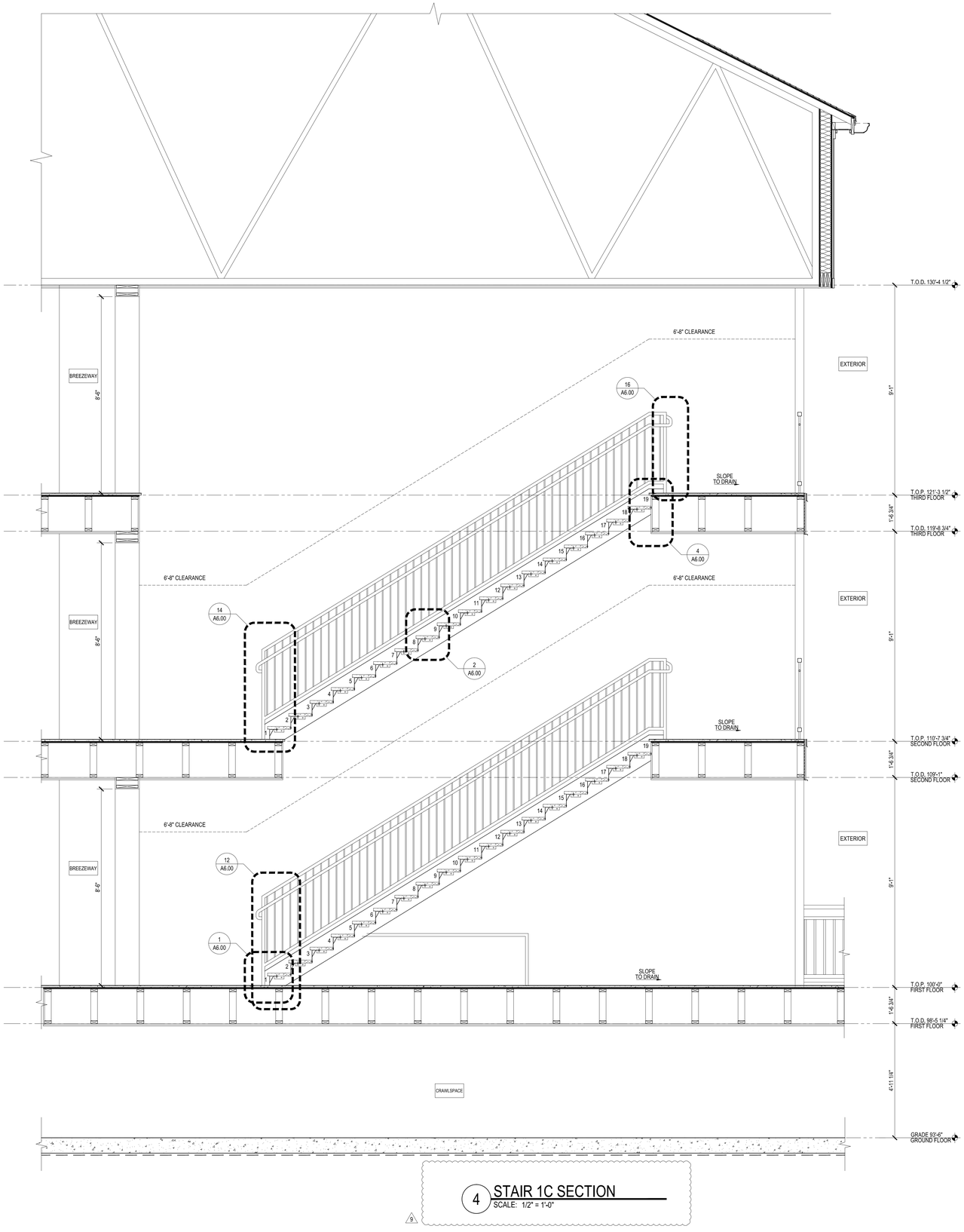
PERMIT: 09-02-2016

SHEET CONTENTS:
STAIR 1B
PLANS & SECTION

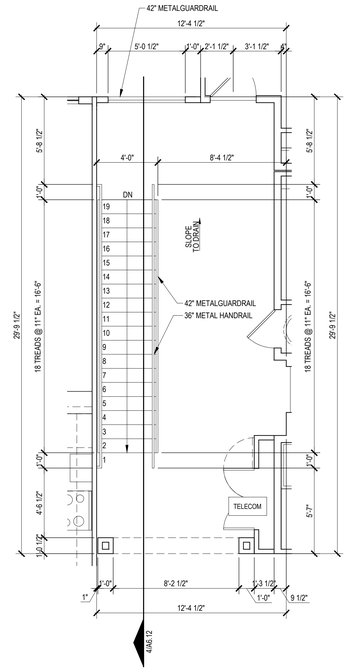
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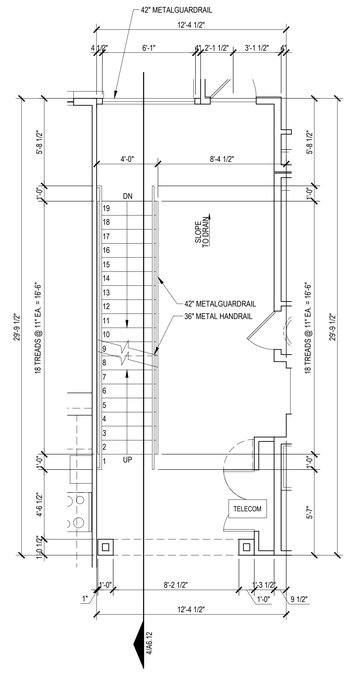
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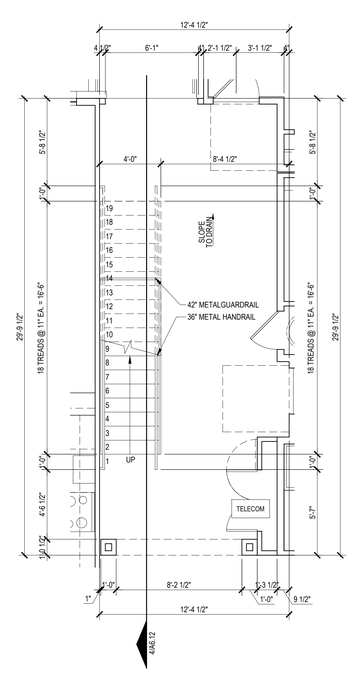
4 STAIR 1C SECTION
SCALE: 1/2" = 1'-0"



3 THIRD FLOOR STAIR 1C PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR STAIR 1C PLAN
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR STAIR 1C PLAN
SCALE: 1/4" = 1'-0"

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Designed by: SB
Drawn by:
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

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REG. No. 29642
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SHEET CONTENTS:
STAIR 1C
PLANS & SECTION

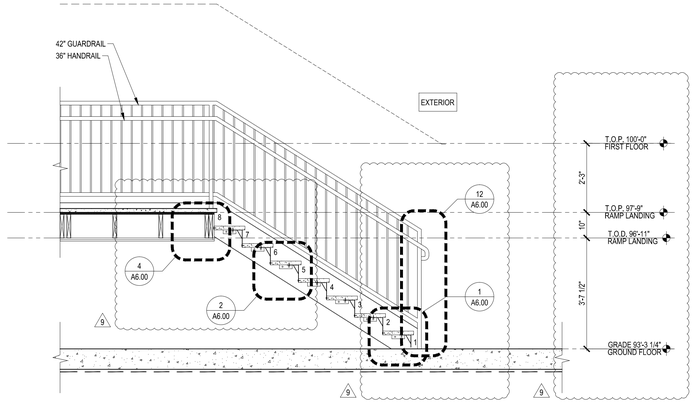
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A6.12

ASI 004: 05-21-2018

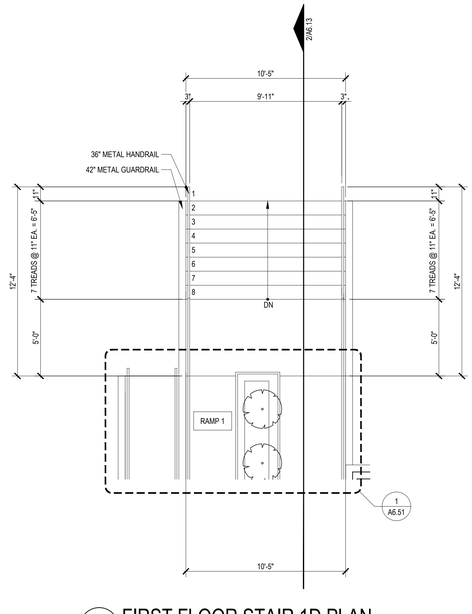
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2 STAIR 1D SECTION
SCALE: 1/2" = 1'-0"



1 FIRST FLOOR STAIR 1D PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
8	12/30/2016	HPA REVIEW
9	05-11-18	ASI 4

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
No. 36,782
REGISTERED
STATE OF LOUISIANA
REGISTERED ARCHITECT

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SHEET CONTENTS:
STAIR 1D
PLANS & SECTION

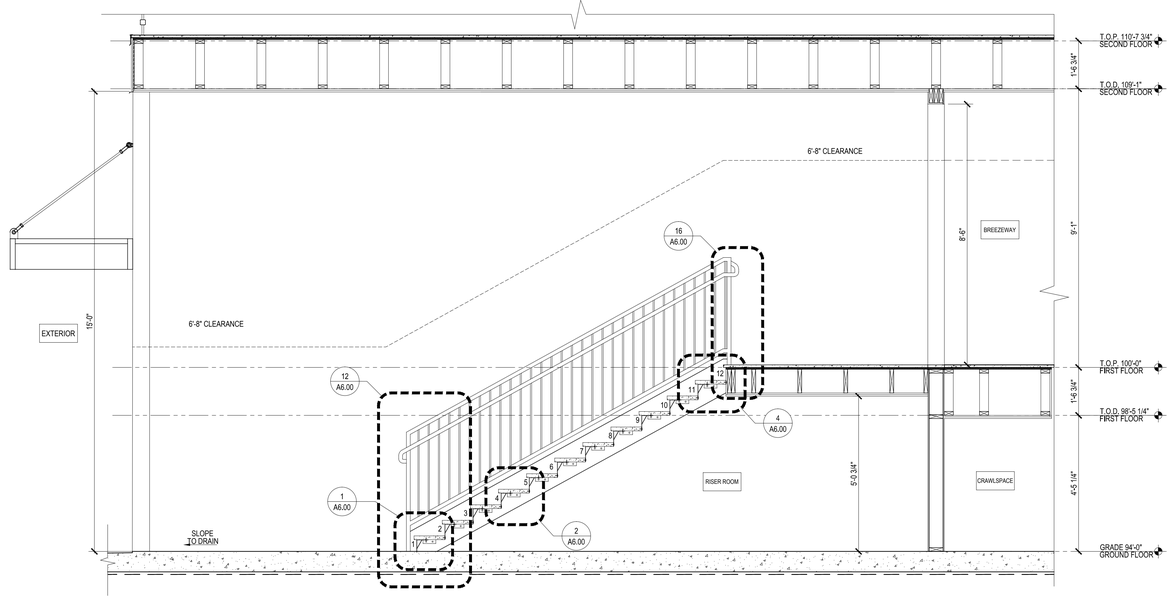
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ASI 004: 05-21-2018

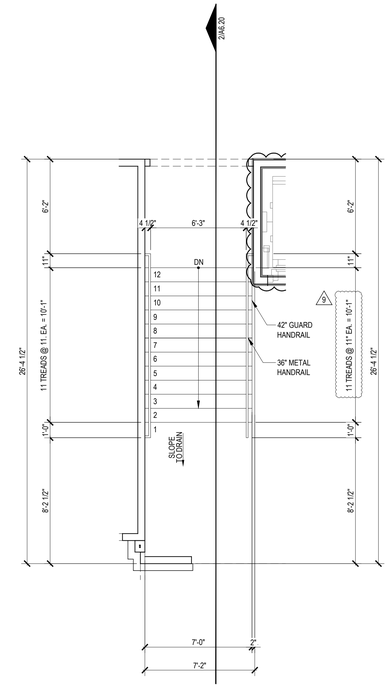
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2 STAIR 2A SECTION
SCALE: 1/2" = 1'-0"



1 FIRST FLOOR STAIR 2A PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
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SHEET NO.
A6.20

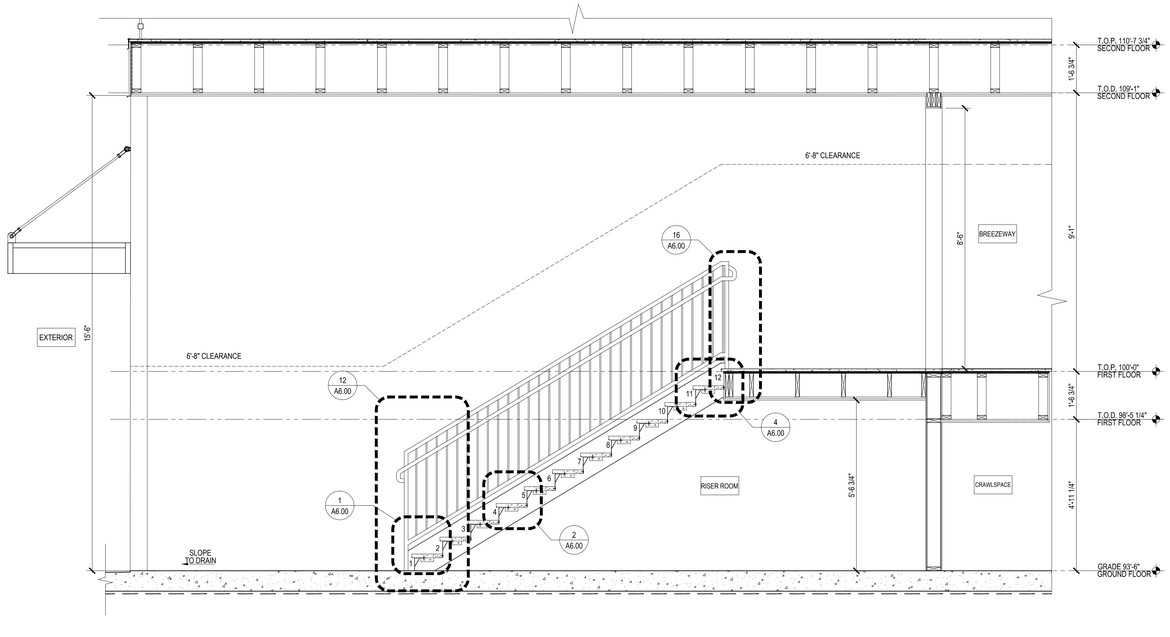
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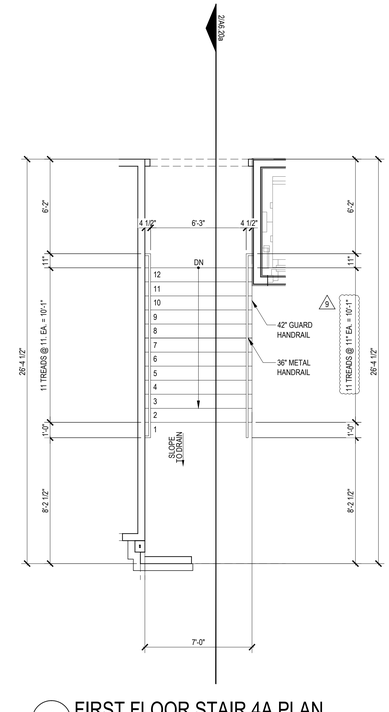
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2 STAIR 4A SECTION
SCALE: 1/2" = 1'-0"



1 FIRST FLOOR STAIR 4A PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
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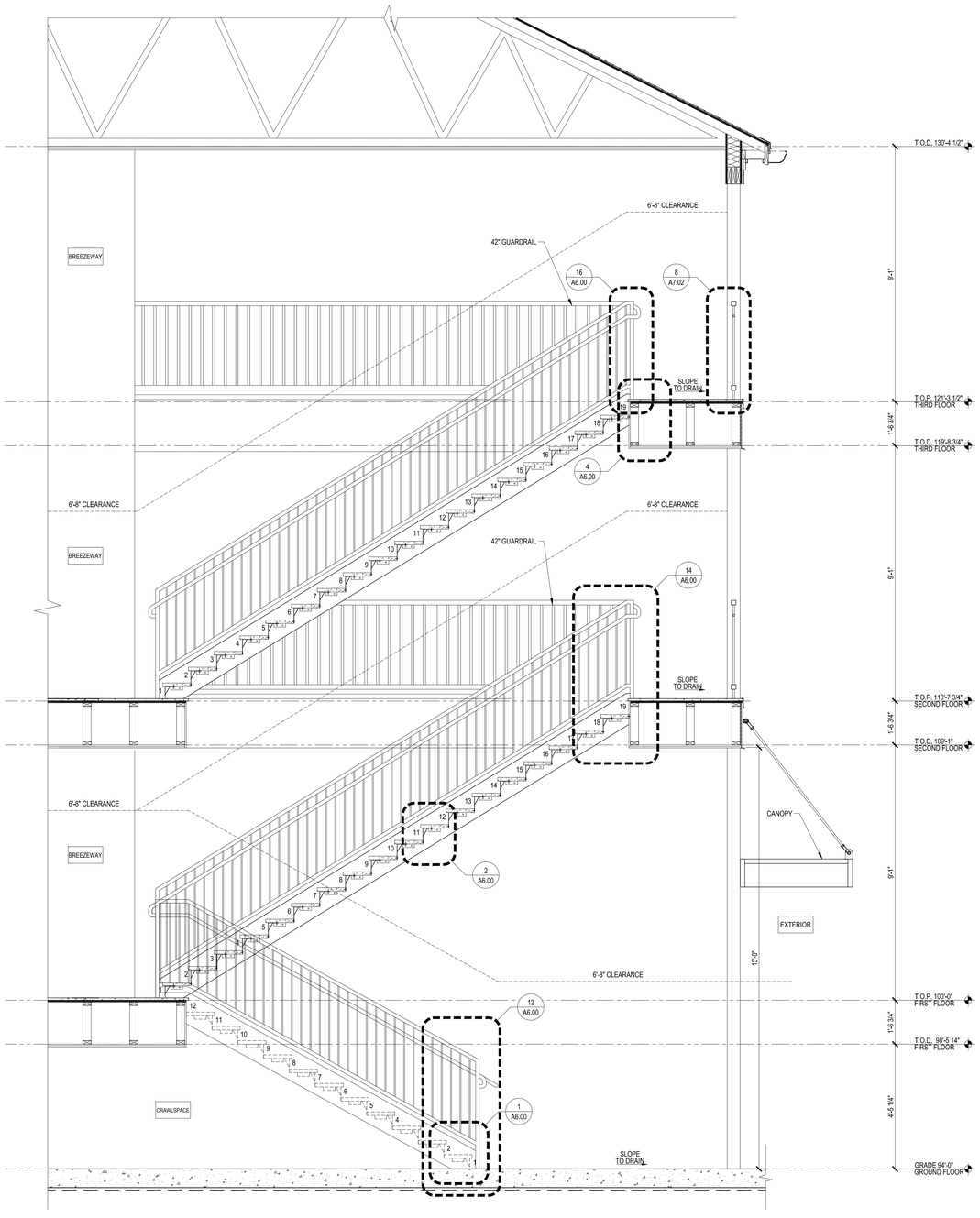
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ASI 004: 05-21-2018

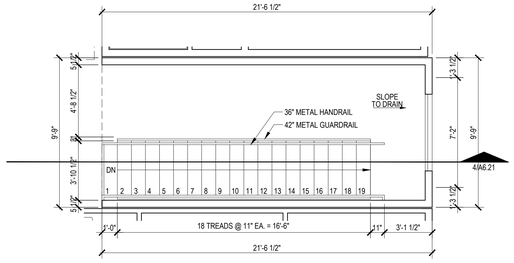
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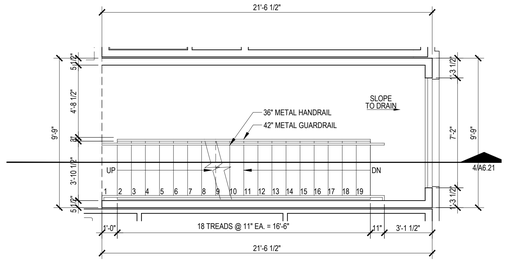
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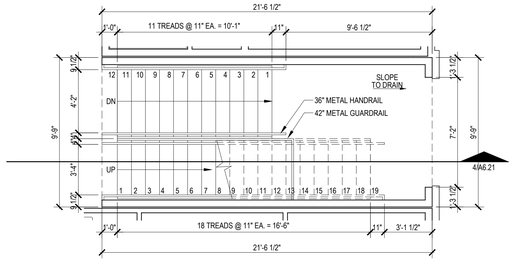
4 STAIR 2B SECTION
SCALE: 1/4" = 1'-0"



3 THIRD FLOOR STAIR 2B PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR STAIR 2B PLAN
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR STAIR 2B PLAN
SCALE: 1/4" = 1'-0"

PERMIT: 09-02-2016

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

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LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDO
No. 31621
REGISTERED
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ARCHITECT

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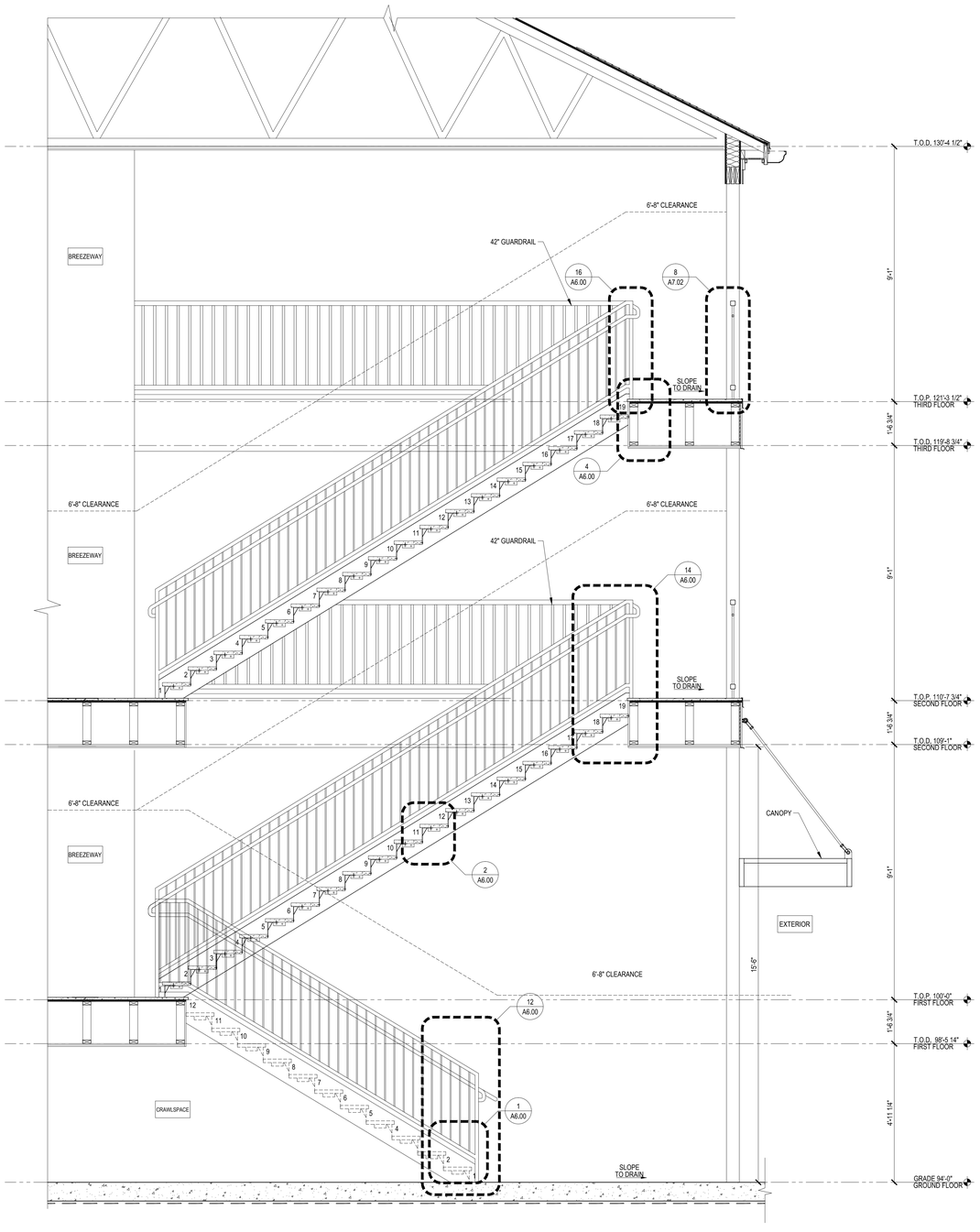
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STAIR 2B
PLANS & SECTION

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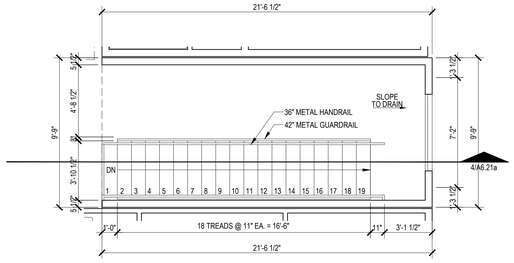
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STAIR NOTES

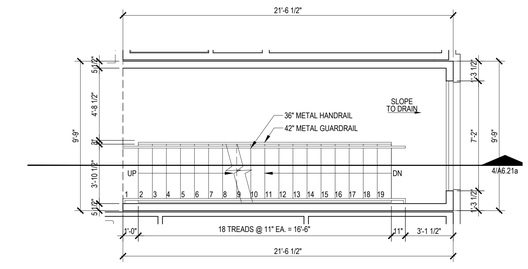
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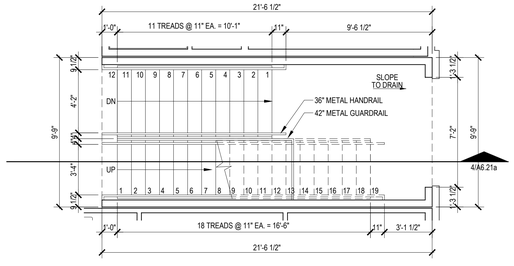
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SCALE: 1/2" = 1'-0"



3 THIRD FLOOR STAIR 4B PLAN
SCALE: 1/4" = 1'-0"



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Designed by: SB
Drawn by: CH
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Reg. No. 29547
POSITIVE CERTIFICATION
STATE OF LOUISIANA
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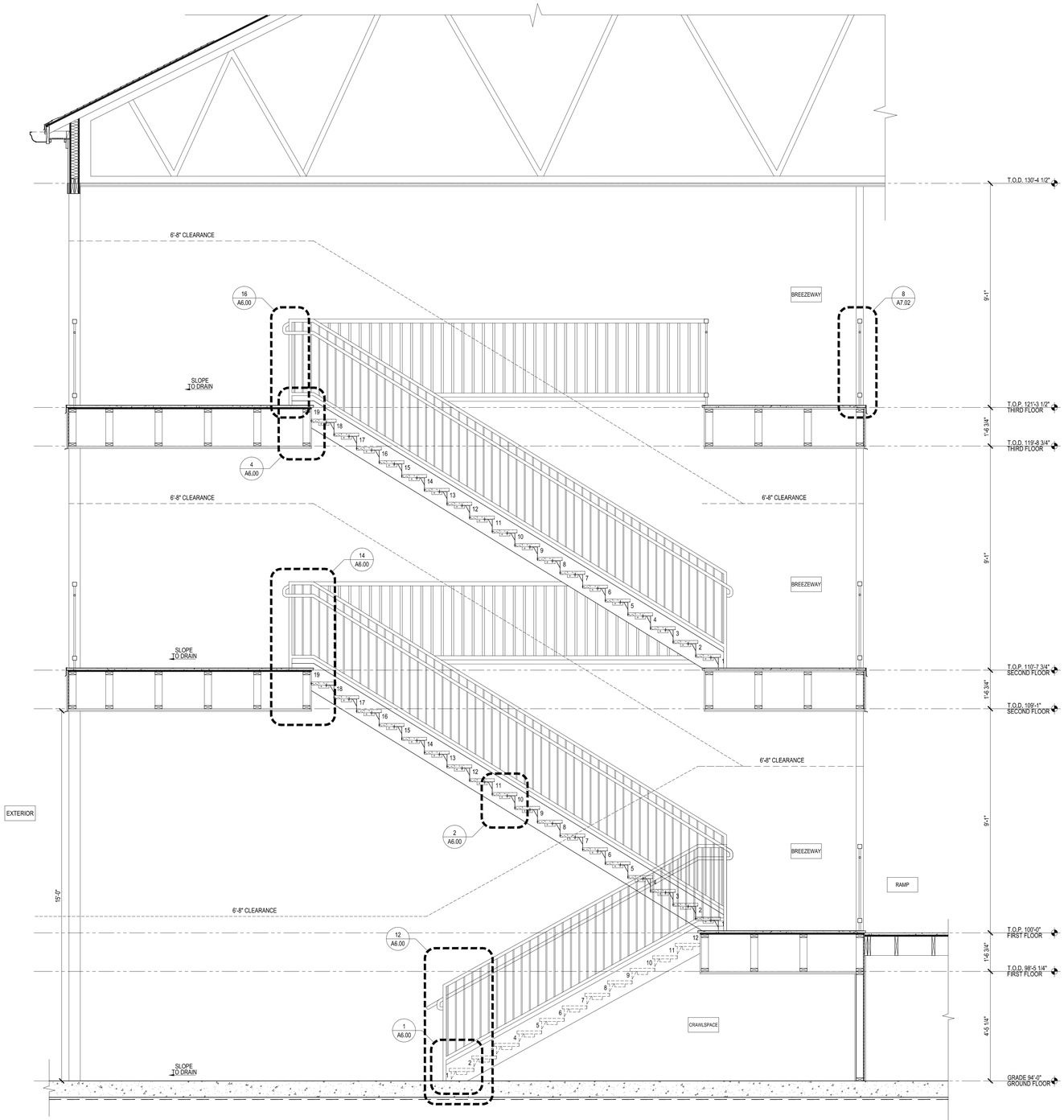
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PERMIT: 09-02-2016

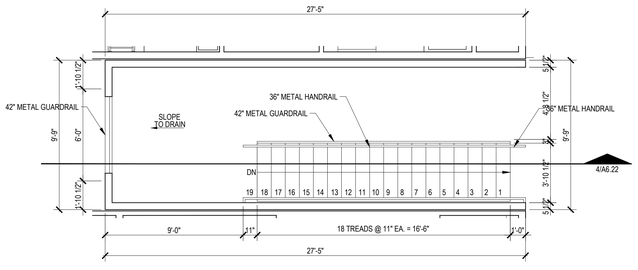
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STAIR NOTES

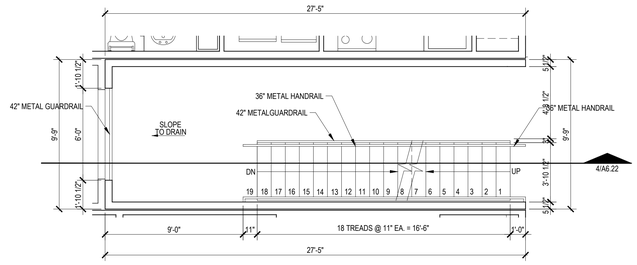
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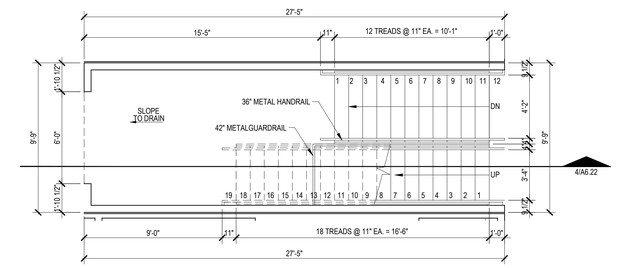
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SCALE: 1/2" = 1'-0"



3 THIRD FLOOR STAIR 2C PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR STAIR 2C PLAN
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR STAIR 2C PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

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301 SPARTAN DRIVE
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LOFTS AT CANTERBURY, LLC

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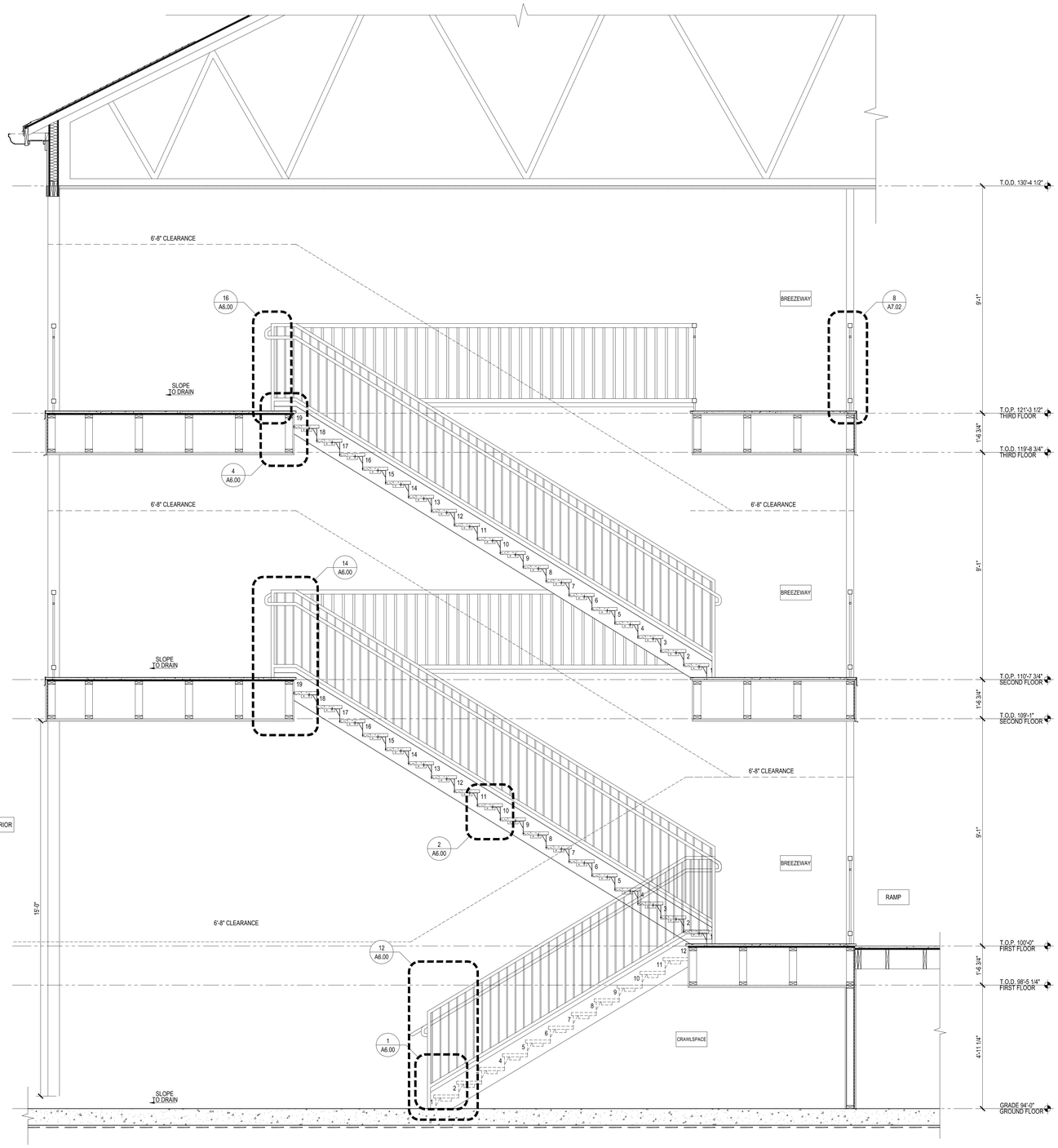
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SHEET NO.
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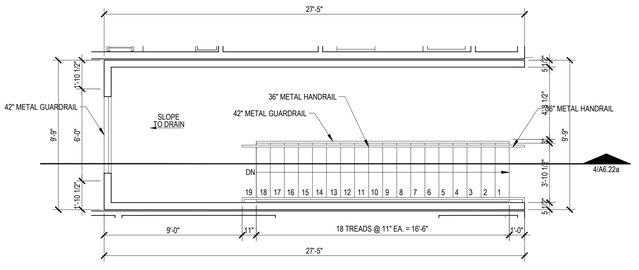
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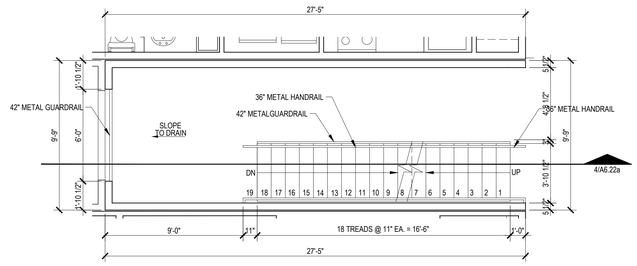
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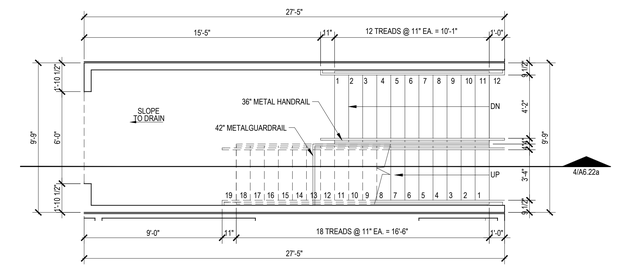
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1 FIRST FLOOR STAIR 4C PLAN
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Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

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ARCHITECT

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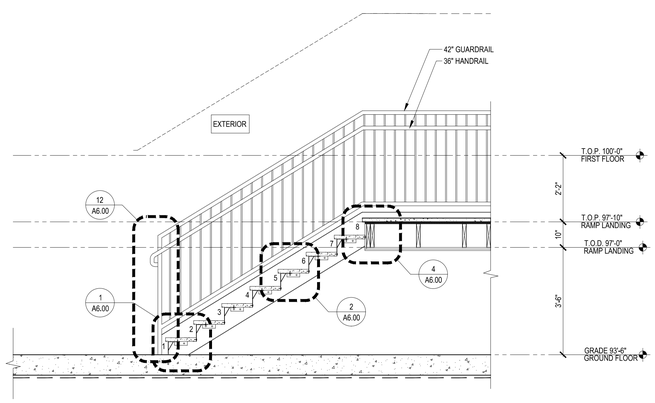
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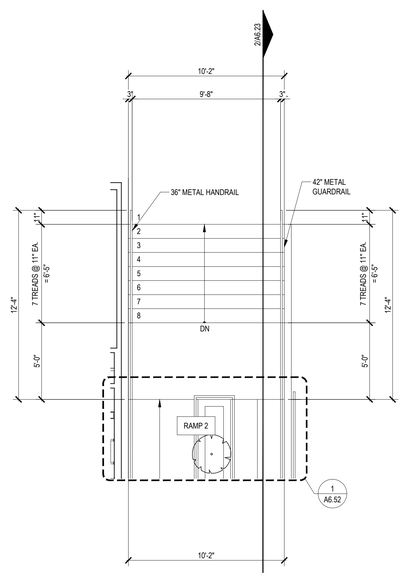
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2 STAIR 2D SECTION
SCALE: 1/2" = 1'-0"



1 FIRST FLOOR STAIR 2D PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

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TANYA A. DesARMONT
Reg. No. 31621
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REGISTERED ARCHITECT

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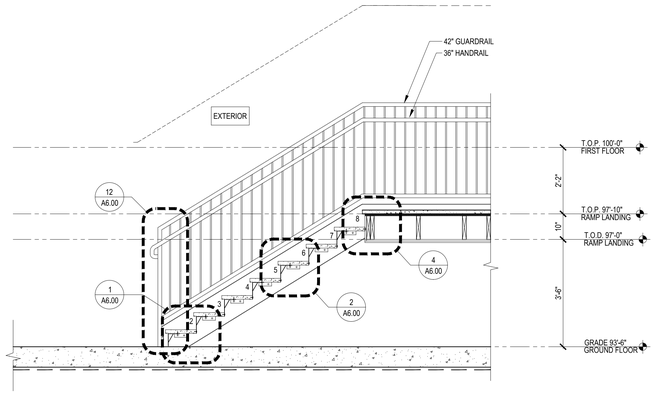
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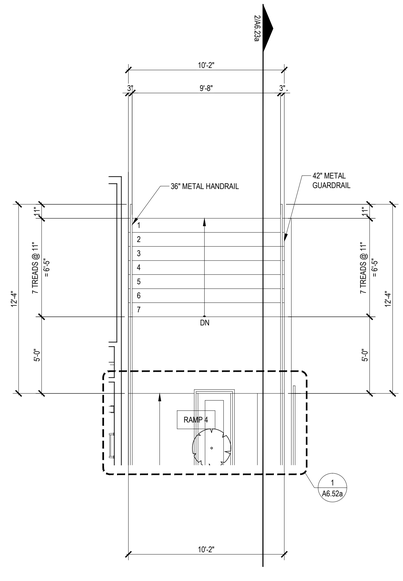
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SCALE: 1/2" = 1'-0"



1 FIRST FLOOR STAIR 4D PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

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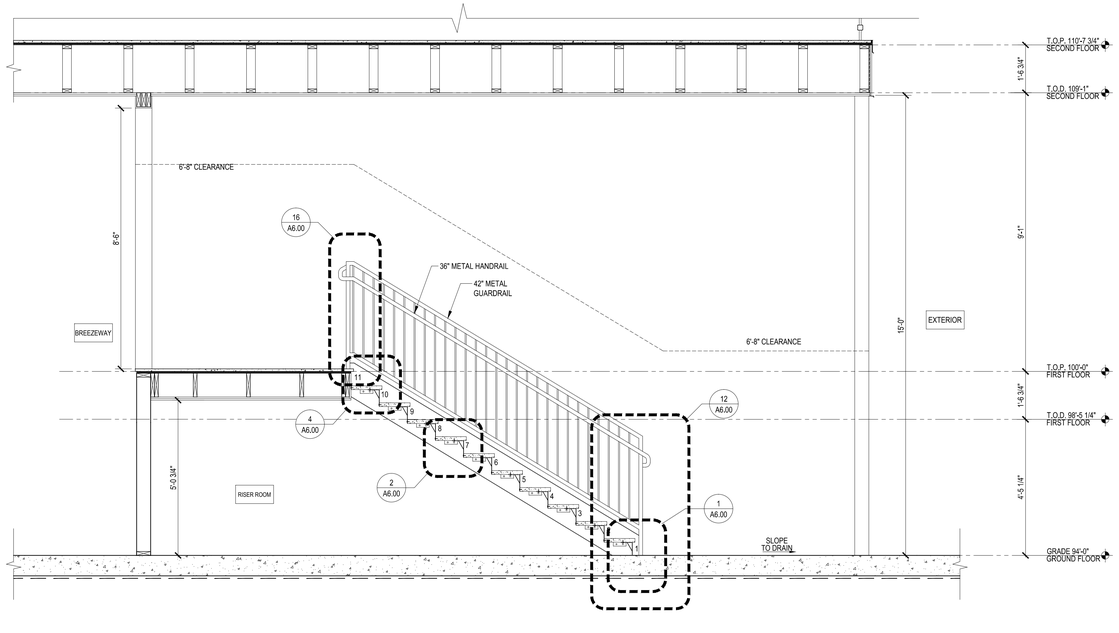
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ASI 004: 05-21-2018

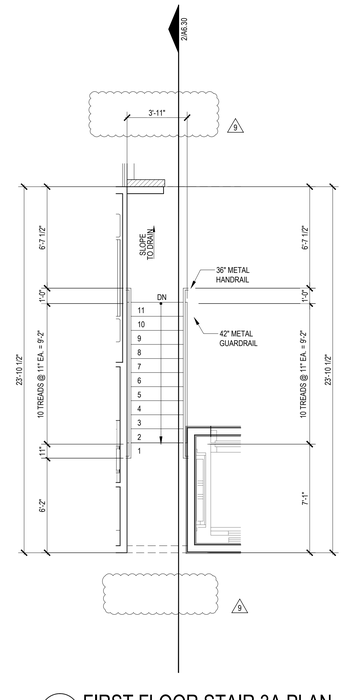
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SCALE: 1/4" = 1'-0"

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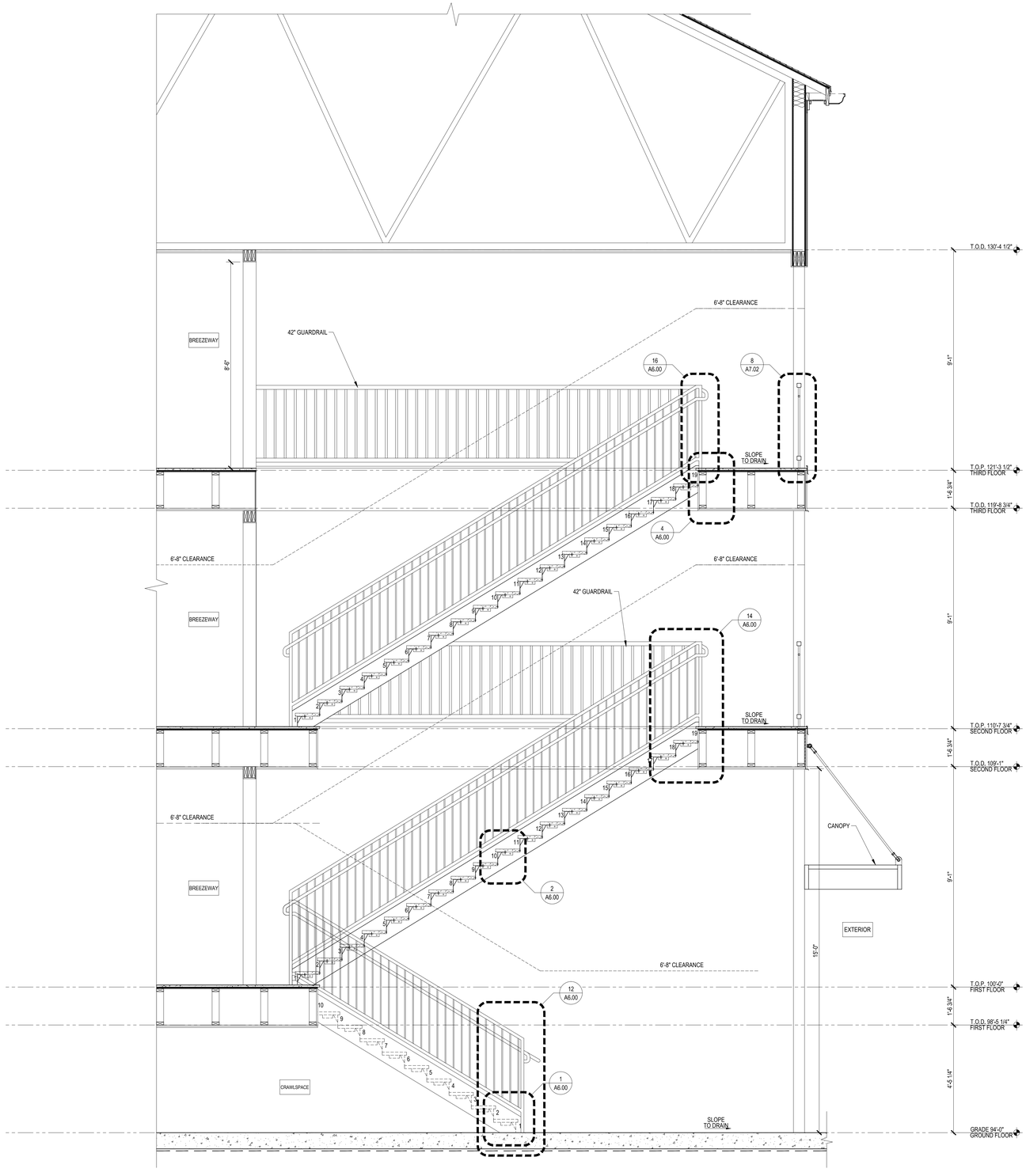
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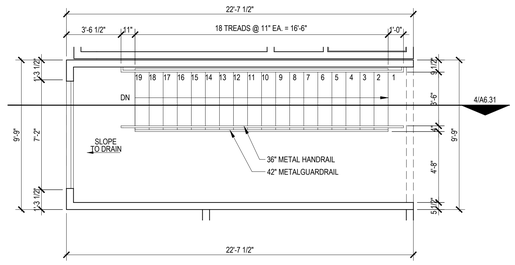
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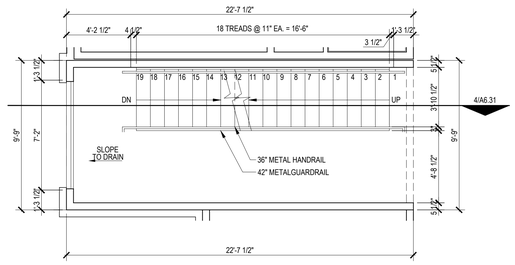
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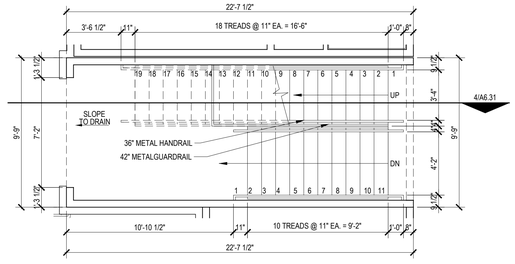
4 STAIR 3B SECTION
SCALE: 1/2" = 1'-0"



3 THIRD FLOOR STAIR 3B PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR STAIR 3B PLAN
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR STAIR 3B PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DIGIANNO
Reg. No. 7042
STATE OF LOUISIANA
REGISTERED ARCHITECT

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SHEET CONTENTS:
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PLANS & SECTION

SHEET NO.
A6.31

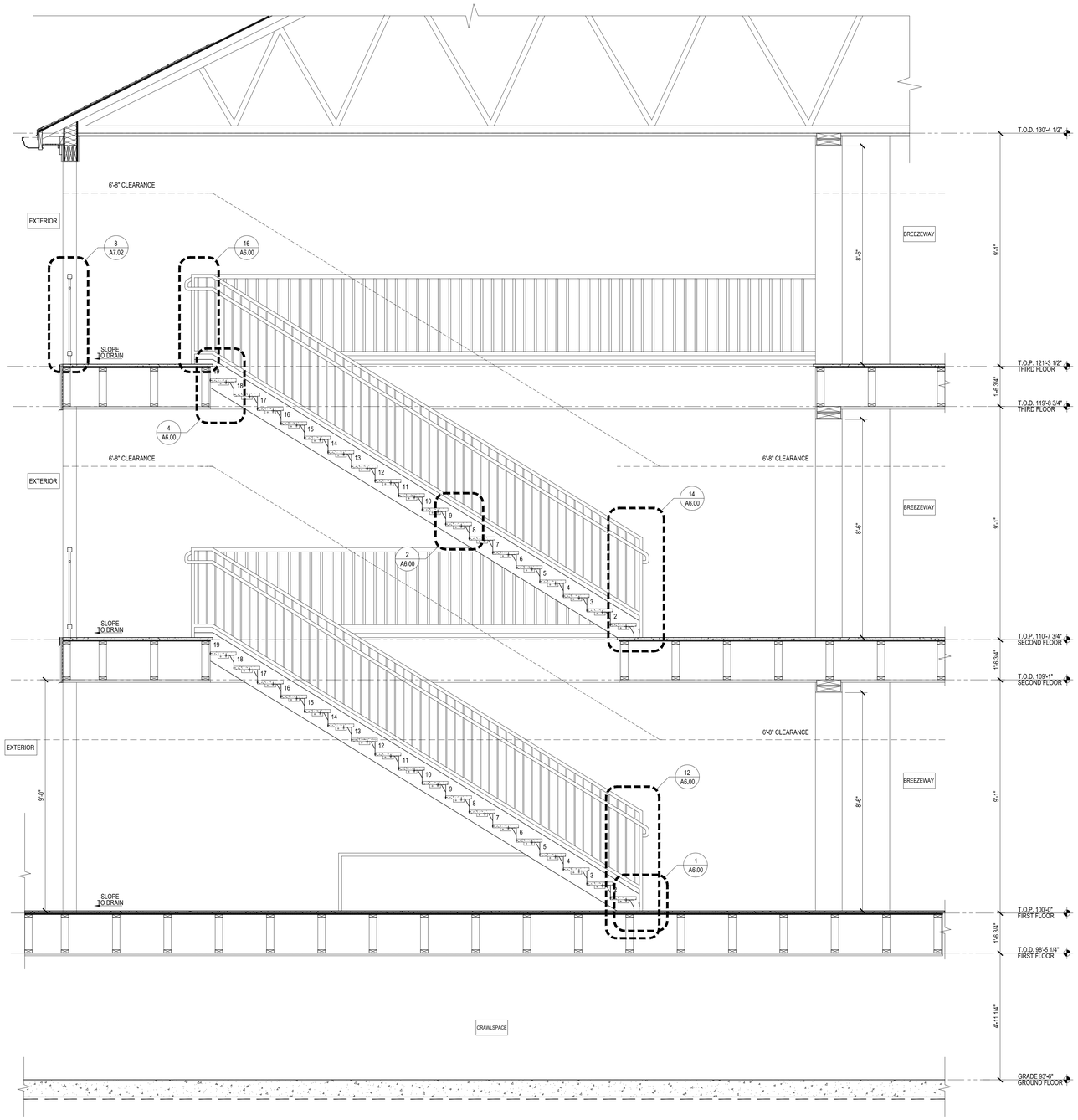
PERMIT: 09-02-2016

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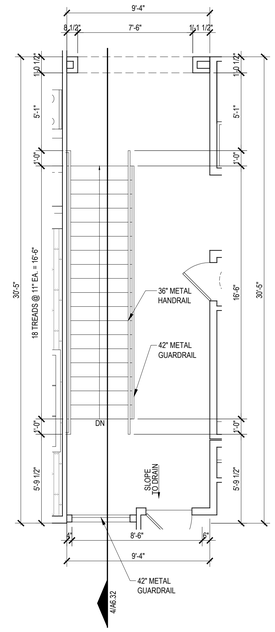
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STAIR NOTES

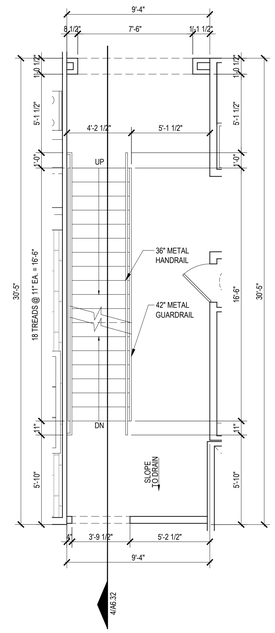
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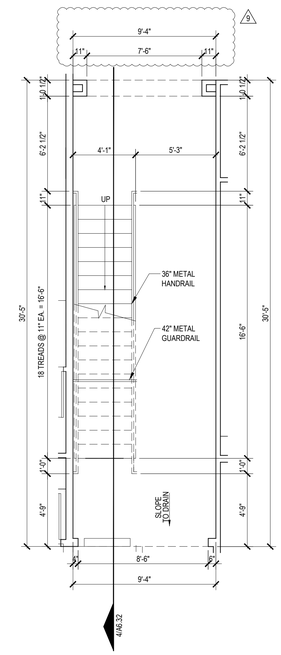
4 STAIR 3C SECTION
SCALE: 1/4" = 1'-0"



3 THIRD FLOOR STAIR 3C PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR STAIR 3C PLAN
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR STAIR 3C PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
9	05-11-18	ASI 4

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LOFTS AT CANTERBURY, LLC

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LICENSE No. 34,747
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SHEET CONTENTS:
STAIR 3C
PLANS & SECTION

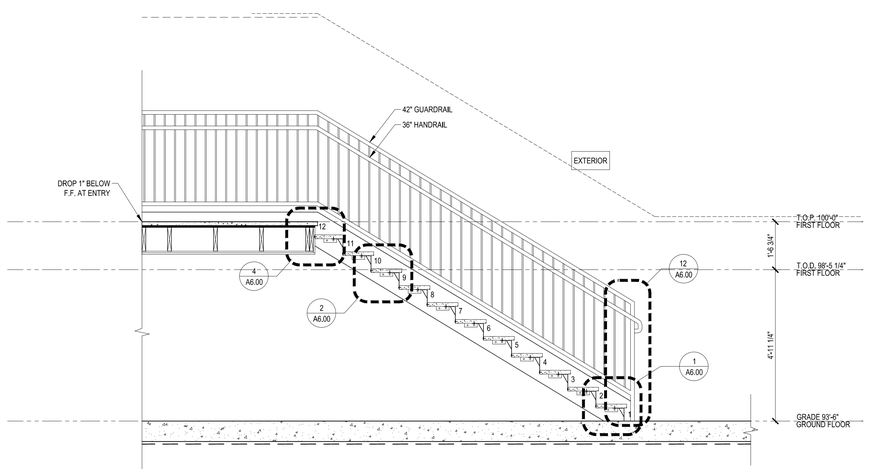
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ASI 004: 05-21-2018

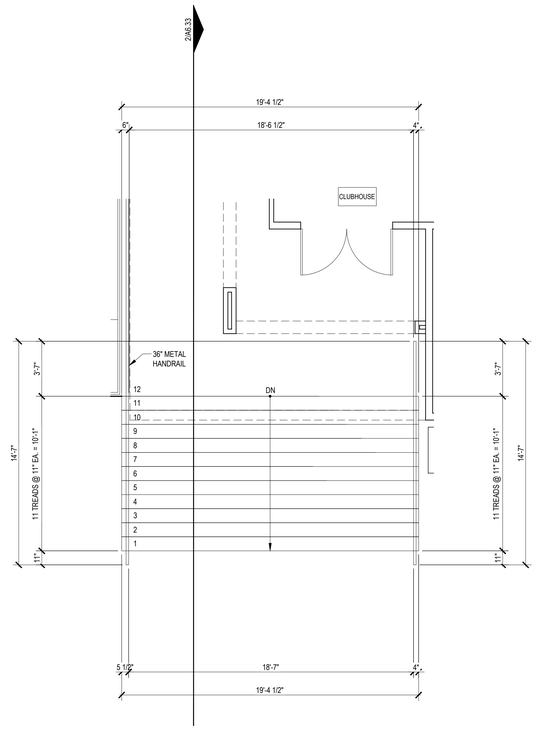
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2 STAIR 3D SECTION
SCALE: 1/2" = 1'-0"



1 FIRST FLOOR STAIR 3D PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
Reg. No. 31621
STATE OF LOUISIANA
REGISTERED ARCHITECT

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STAIR 3D
PLANS & SECTION

SHEET NO.
A6.33

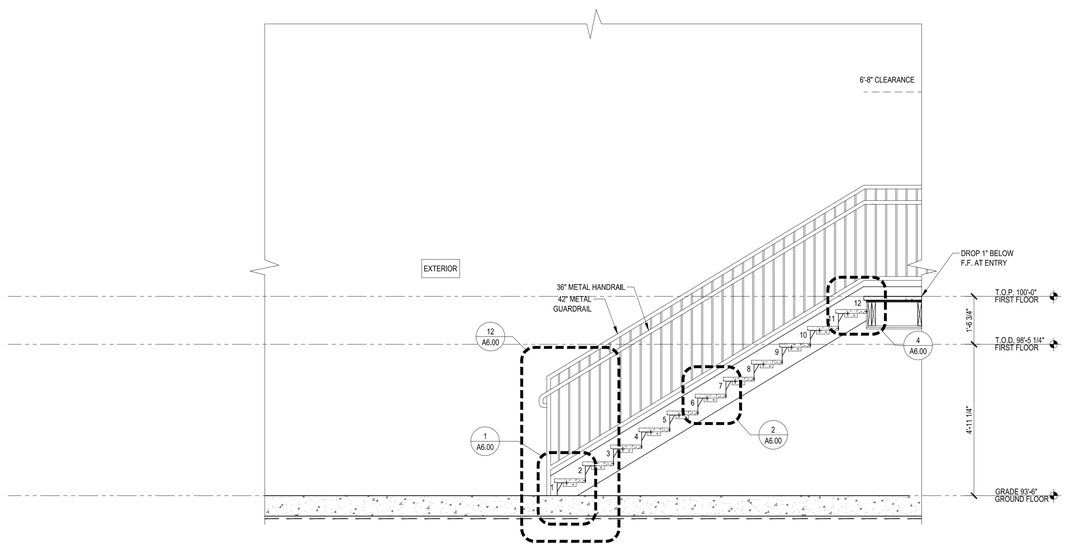
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PERMIT: 09-02-2016

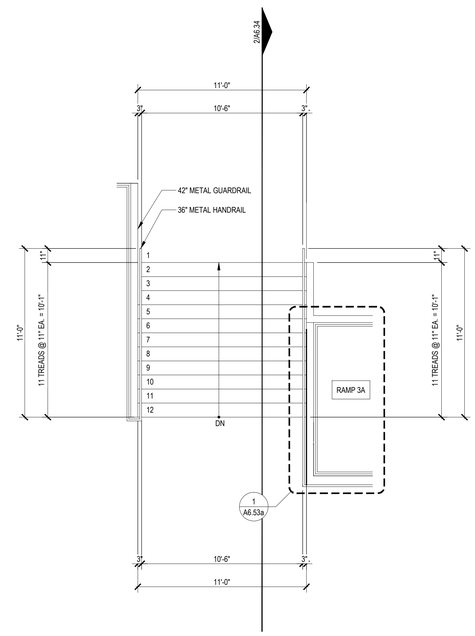
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2 STAIR 3E SECTION
SCALE: 1/2" = 1'-0"



1 FIRST FLOOR STAIR 3E PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

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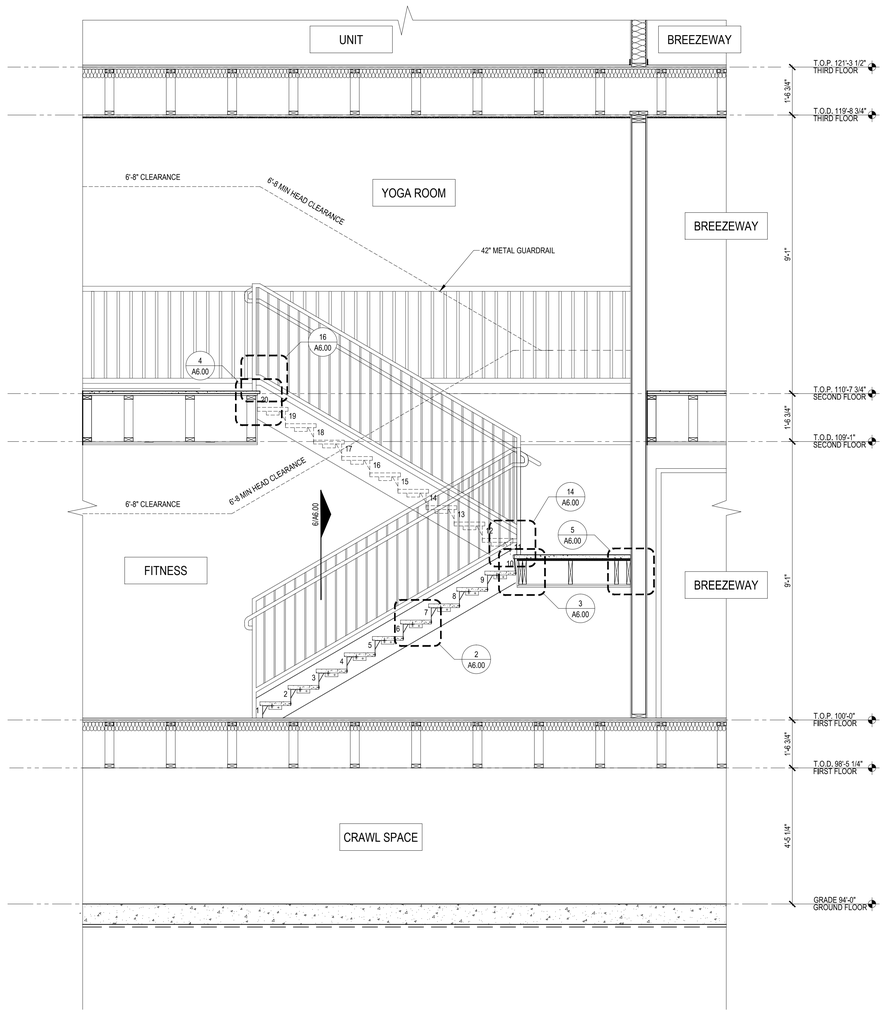
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SHEET NO.
A6.34

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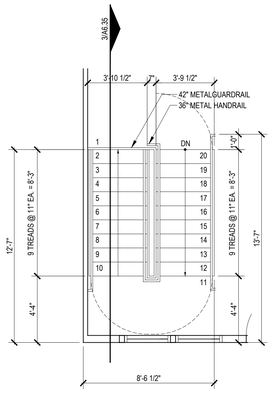
PERMIT: 09-02-2016



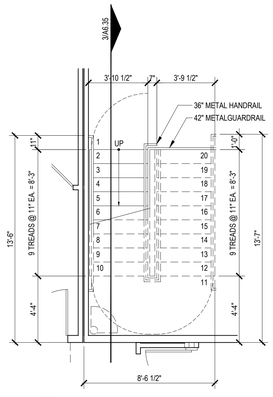
3 STAIR 3F SECTION
SCALE: 1/2" = 1'-0"

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2 SECOND FLOOR STAIR 3F PLAN
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR STAIR 3F PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

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301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

PERMIT: 09-02-2016

JOSHUA A. DARDENNE
Reg. No. 35643
STATE OF LOUISIANA
REGISTERED ARCHITECT

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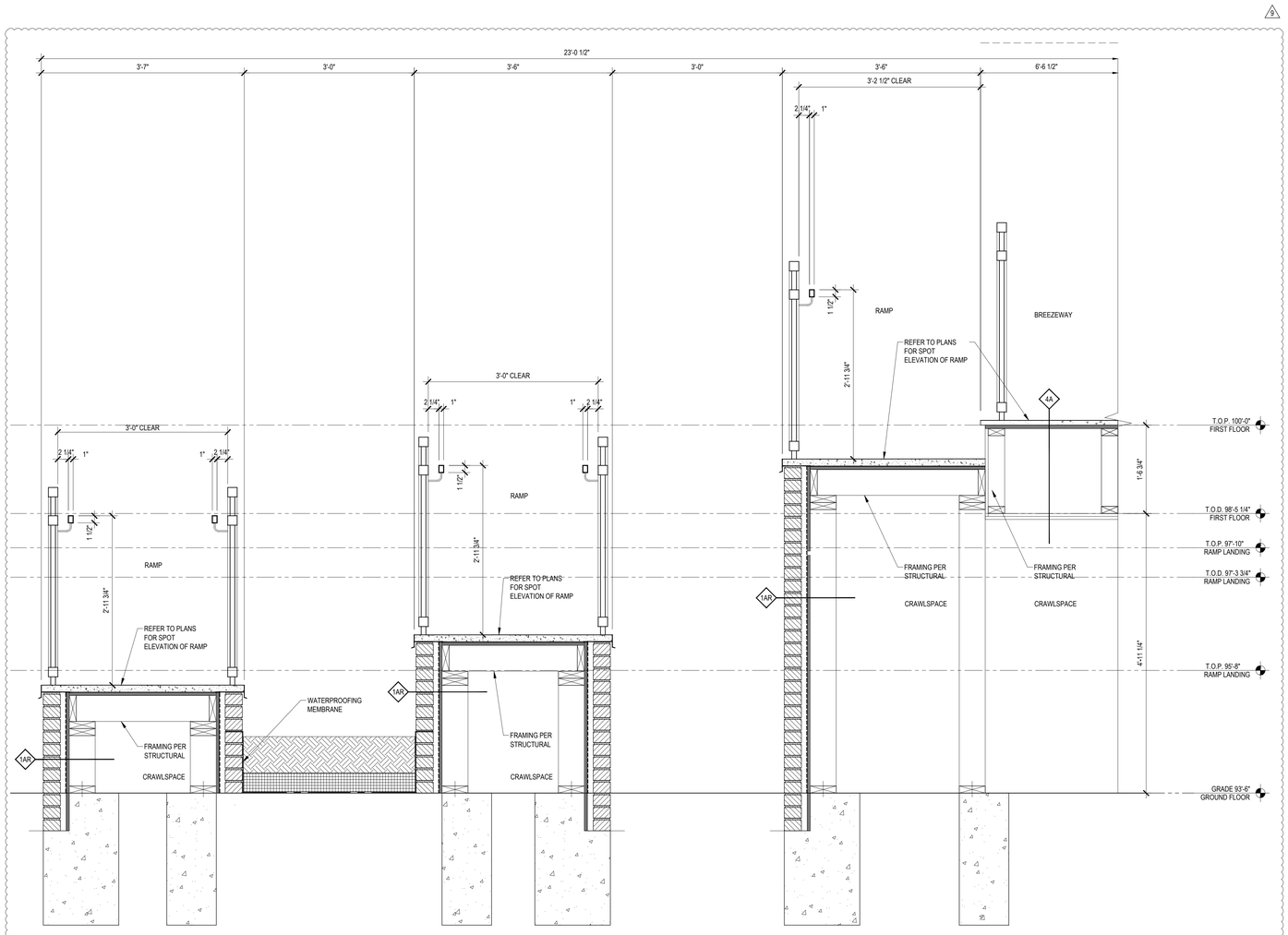
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STAIR 3F
PLANS & SECTION

SHEET NO.
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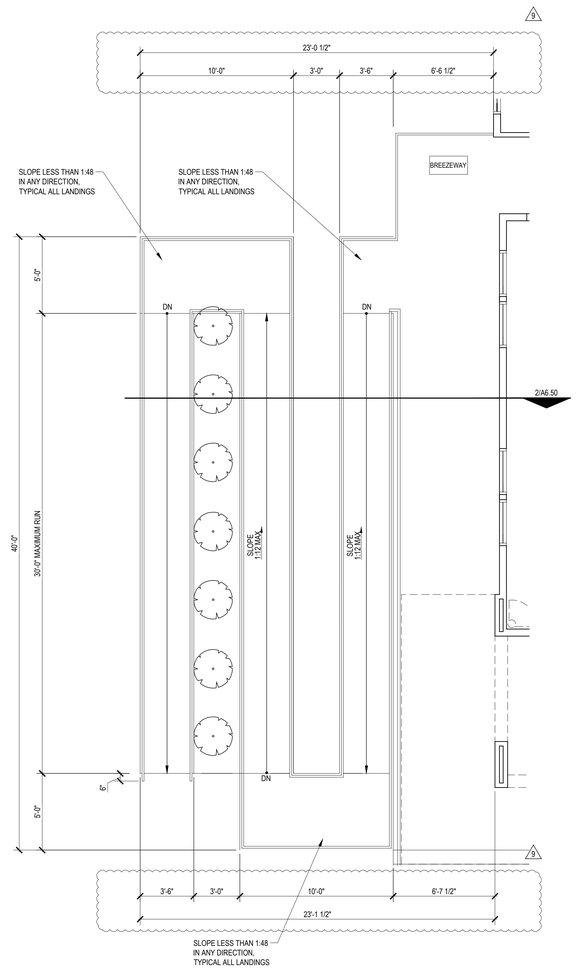
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2 TYPICAL RAMP SECTION
SCALE: 1" = 1'-0"



2 TYPICAL RAMP PLAN
SCALE: 1" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
9	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
Date No. 29,
REGISTERED
STATE OF LOUISIANA
REGISTERED ARCHITECT

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ARCHITECTS / LOUISIANA, LLC
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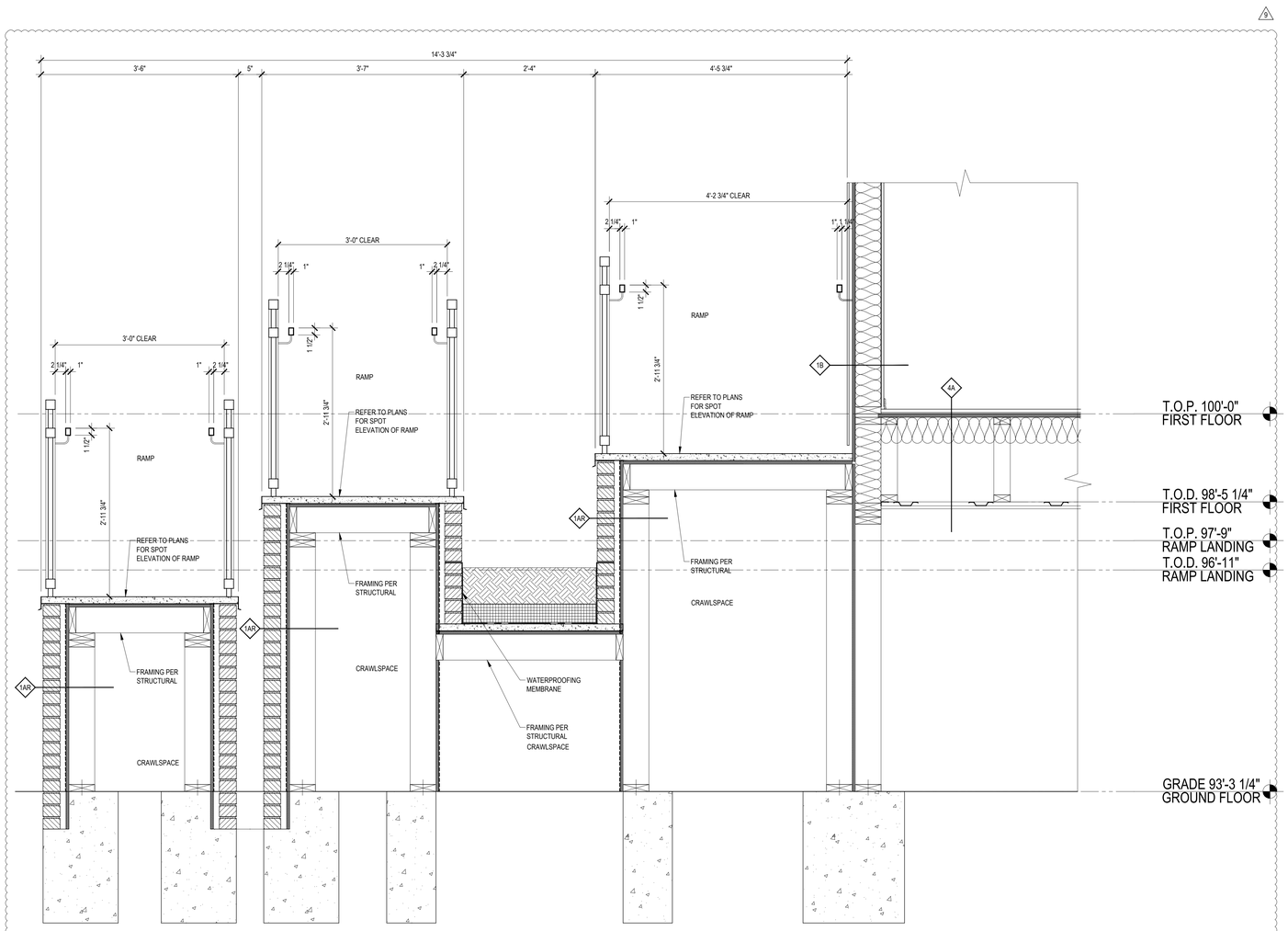
SHEET NO.
A6.50

ASI 004: 05-21-2018

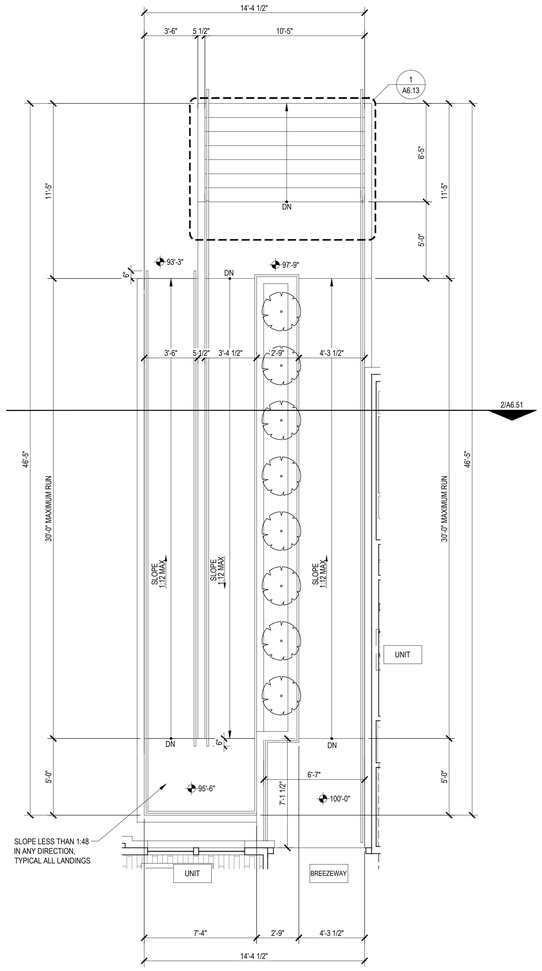
15557

STAIR NOTES

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2 RAMP 1 SECTION
SCALE: 1" = 1'-0"



1 RAMP 1 PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
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Issue for Construction	XX/XX/XX

Revisions:

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LOFTS AT CANTERBURY, LLC

TANYA A. DeSANCHO
CERT. No. 29647
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PLANS & SECTION

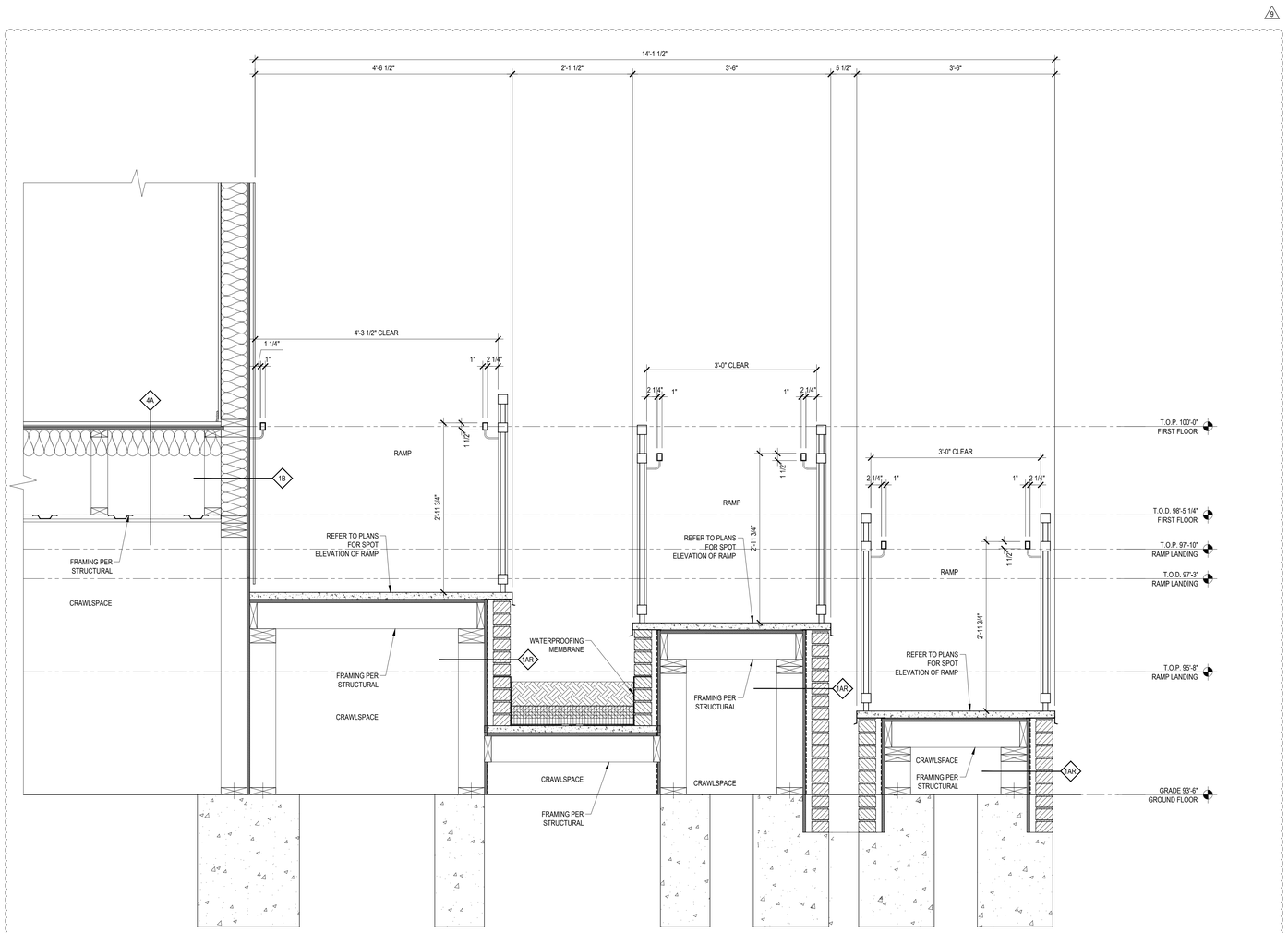
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ASI 004: 05-21-2018

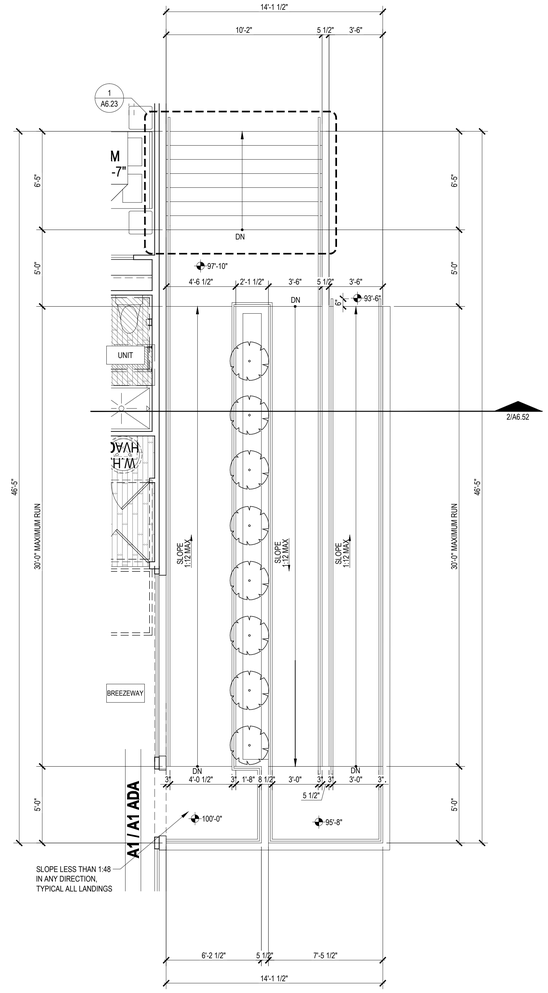
15557

STAIR NOTES

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2 RAMP 2 SECTION
SCALE: 1" = 1'-0"



1 RAMP 2 PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

Issue for Pricing / Bidding:	09/02/16
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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANCTIS
CERT. No. 7042
POSSESSION OF SEAL
STATE OF LOUISIANA
REGISTERED ARCHITECT

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SHEET CONTENTS:
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PLANS & SECTION

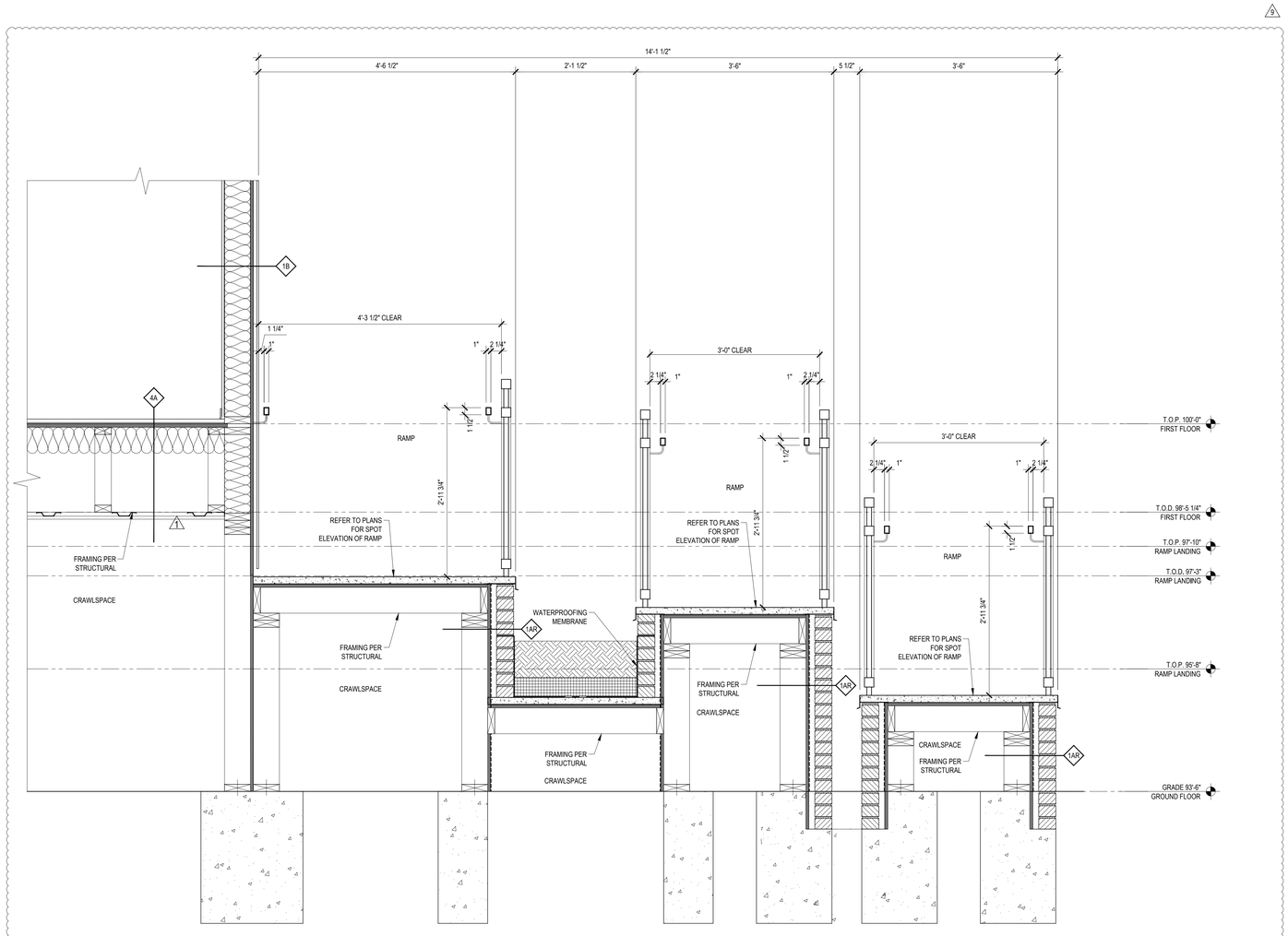
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ASI 004: 05-21-2018

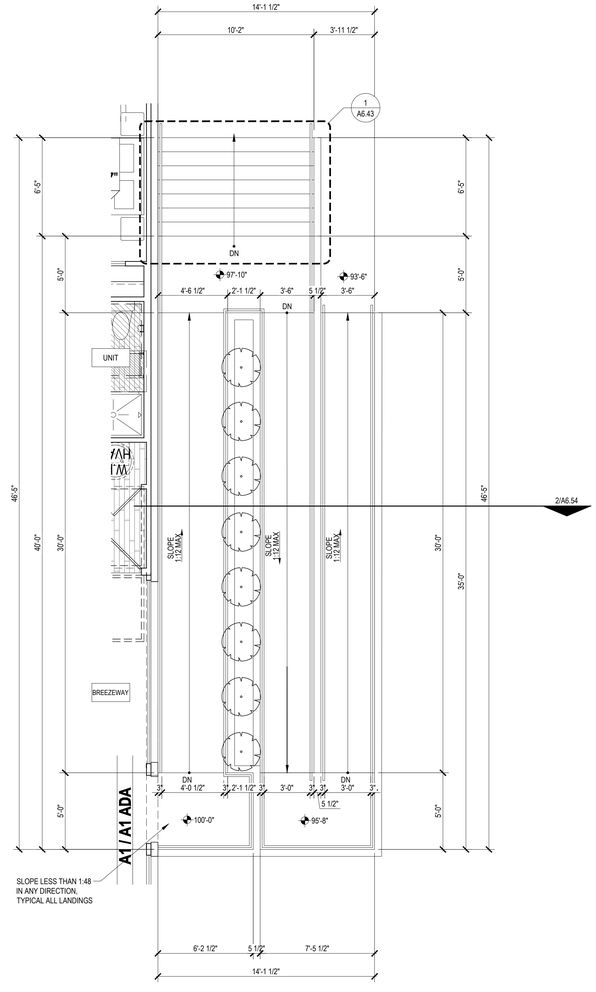
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2 RAMP 4 SECTION
SCALE: 1" = 1'-0"



1 RAMP 4 PLAN
SCALE: 1/4" = 1'-0"

Designed by:	SB
Drawn by:	CH
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

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THE LOFTS AT CANTERBURY

301 SPARTAN DRIVE
SLIDELL, LOUISIANA

THE LOFTS AT CANTERBURY, LLC

JAMES A. DRISCOLL
PANTA A. DRISCOLL
Reg. No. 7043
STATE OF LOUISIANA
REGISTERED
ARCHITECT

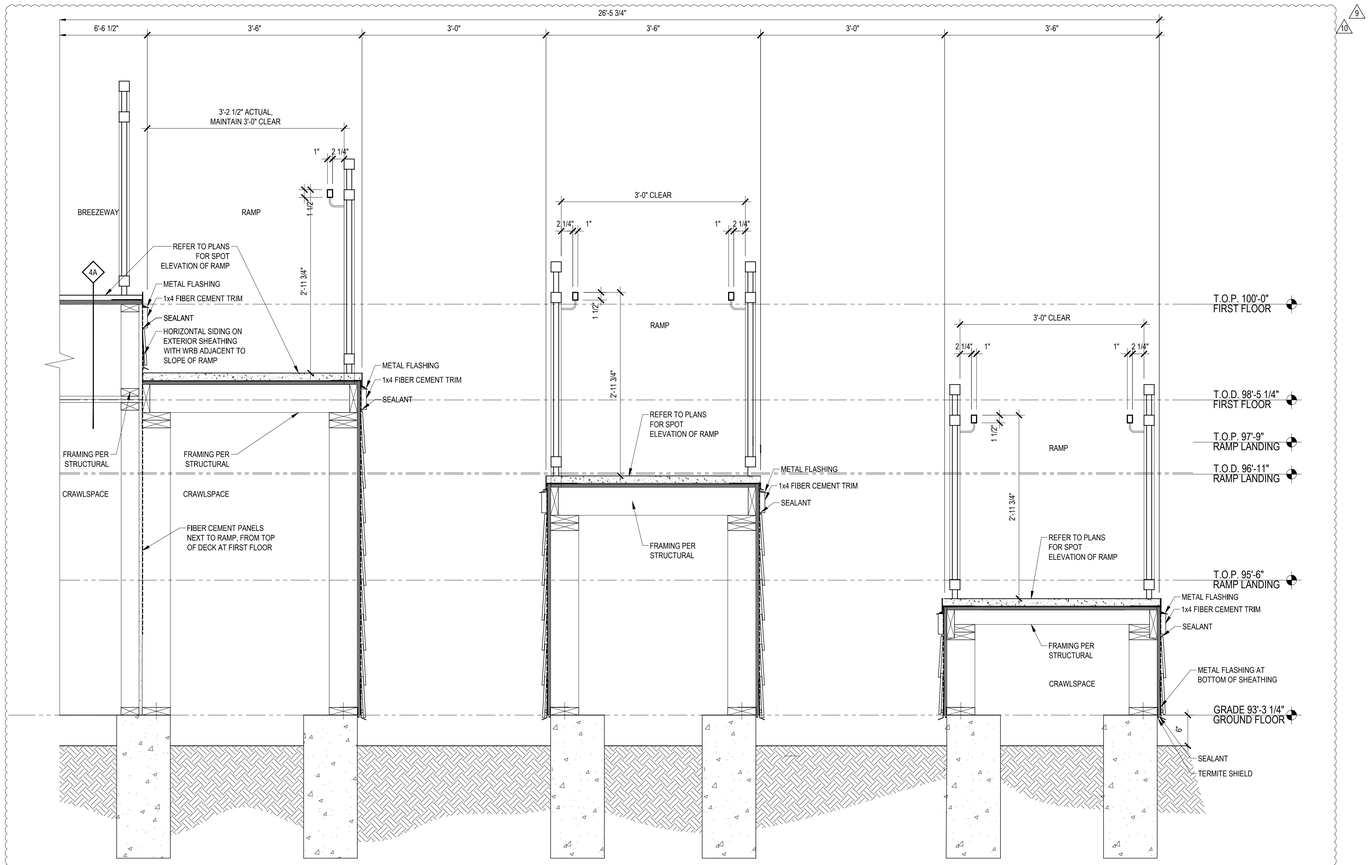
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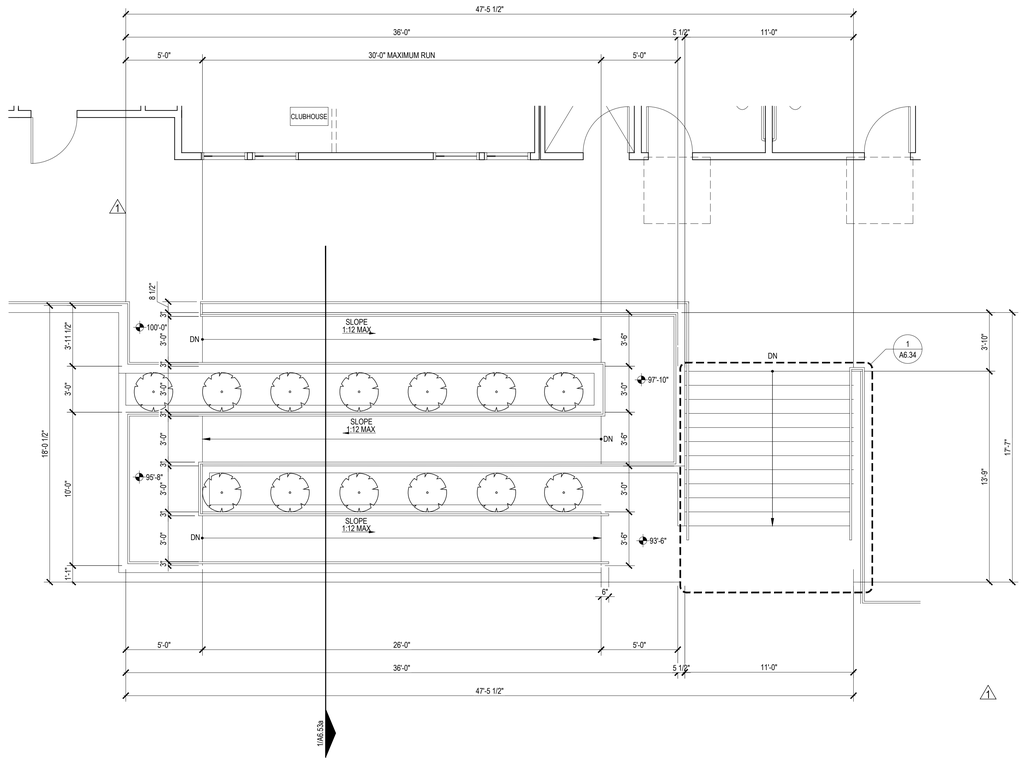
SHEET NO.
A6.52a

ASI 004: 05-21-2018

15557



2 RAMP 3A SECTION
SCALE: 1" = 1'-0"



1 RAMP 3A PLAN
SCALE: 1/4" = 1'-0"

STAIR NOTES

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Designed by: SB
Drawn by: CH
Architect of Record: TD
Date Plotted: 05/21/18

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10	05-11/01/18	RFI 33a

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SHEET CONTENTS:
RAMP 3A
PLANS & SECTION

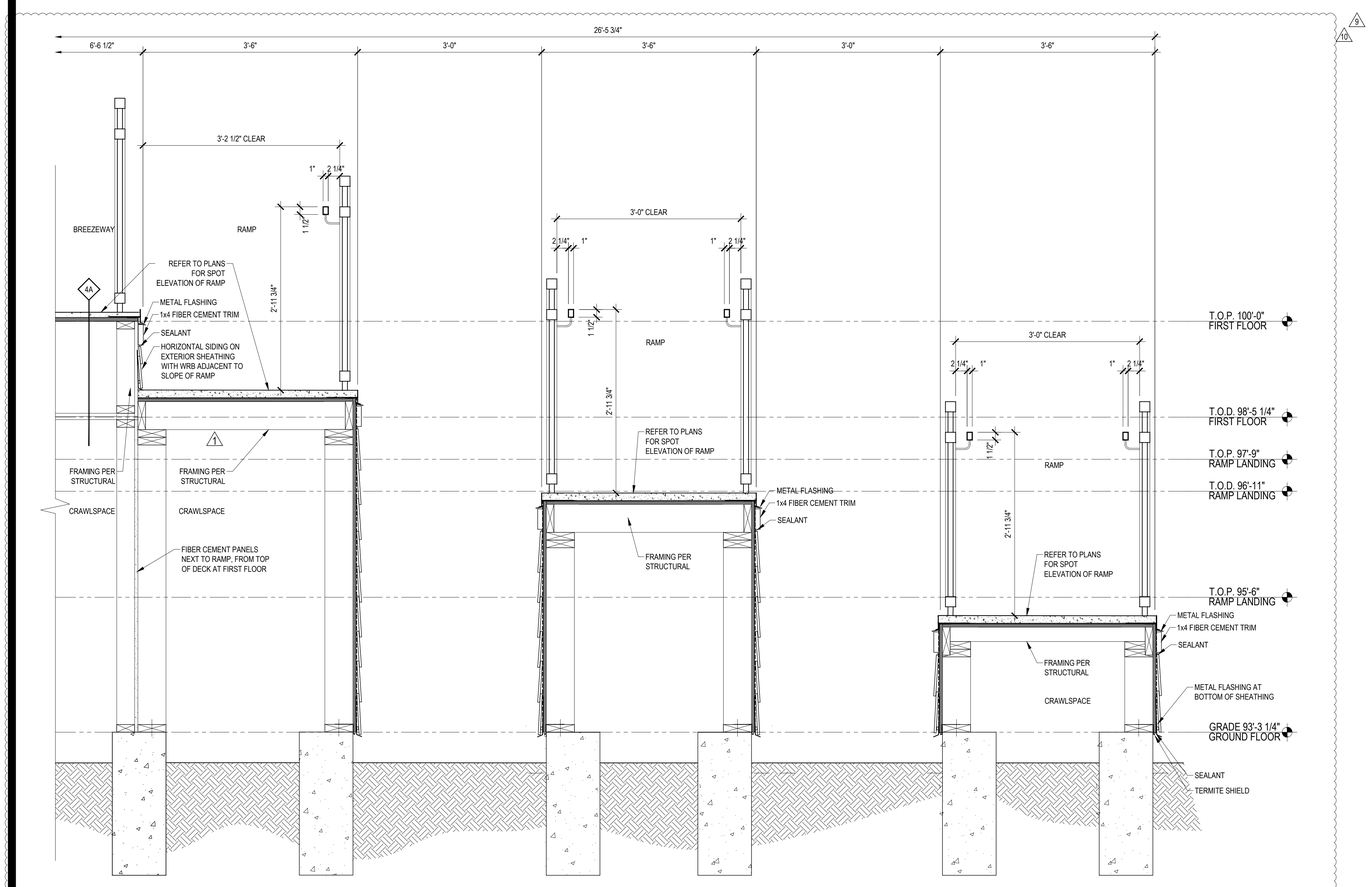
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ASI 004: 05-21-2018

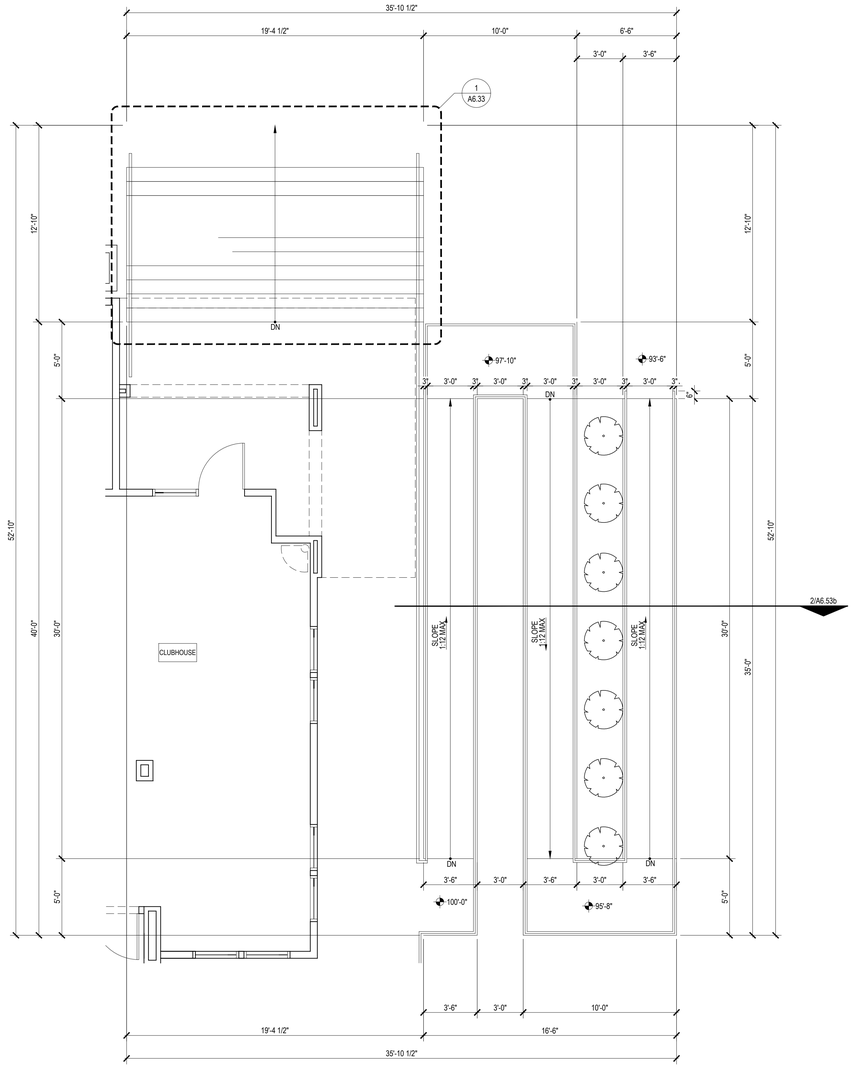
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2 RAMP 3B SECTION
SCALE: 1" = 1'-0"



1 RAMP 3B PLAN
SCALE: 1/4" = 1'-0"

Designed by: SB
Drawn by: CH
Architect of Record: TD
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LICENSE NO. 34,760
STATE OF LOUISIANA
REGISTERED ARCHITECT

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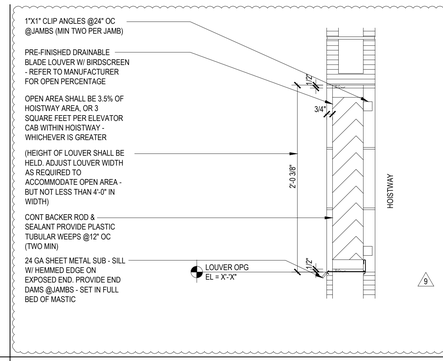
ASI 004: 05-21-2018

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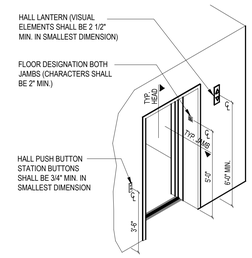
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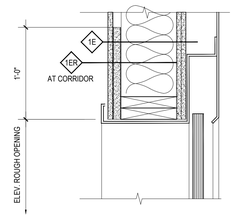
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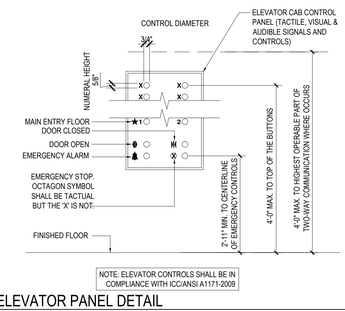
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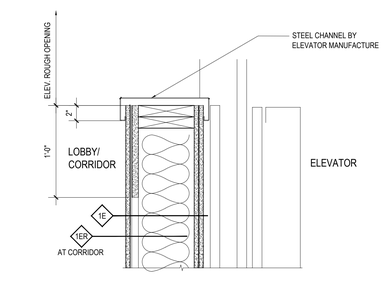
8 ELEVATOR ENTRY AND MOUNTING HEIGHTS
SCALE: 1-1/2" = 1'-0"



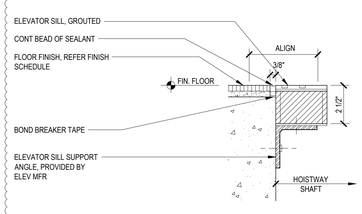
4 ELEVATOR HEAD - TYPICAL
SCALE: 1-1/2" = 1'-0"



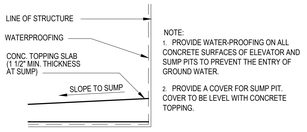
7 ELEVATOR PANEL DETAIL
SCALE: 1-1/2" = 1'-0"



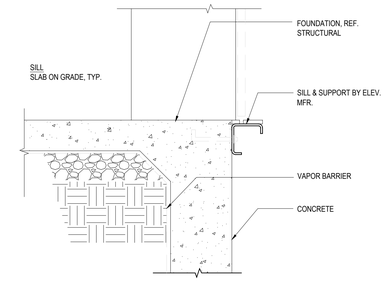
3 PLAN DETAIL AT ELEVATOR DOOR JAMB
SCALE: 1-1/2" = 1'-0"



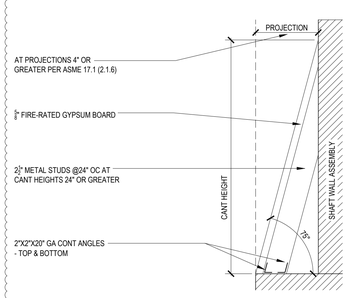
11 GROUTED ELEVATOR SILL
SCALE: 3"=1'-0"



6 ELEVATOR PIT DETAIL
SCALE: 1-1/2" = 1'-0"

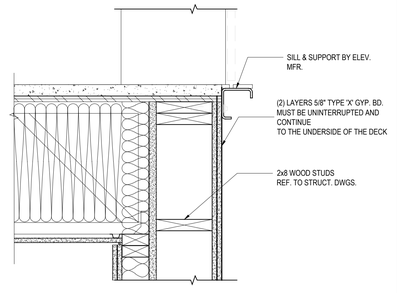


2 ELEVATOR SILL AT GRADE
SCALE: 1-1/2" = 1'-0"



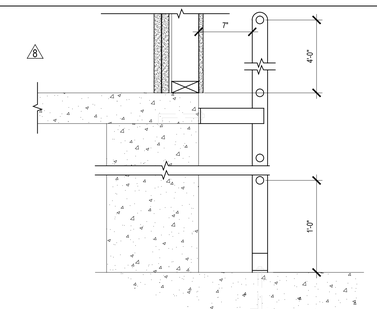
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10 HOISTWAY CANT
SCALE: 1-1/2" = 1'-0"



1

5 ELEVATOR SILL AT UPPER FLOORS
SCALE: 1-1/2" = 1'-0"



1 LADDER AT ELEVATOR PIT
SCALE: 1-1/2" = 1'-0"

ASI 004: 05-21-2018

Designed by:	SB
Drawn by:	CH, NP
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1
8	5/2/2018	ASI 3
9	05-11-18	ASI 4

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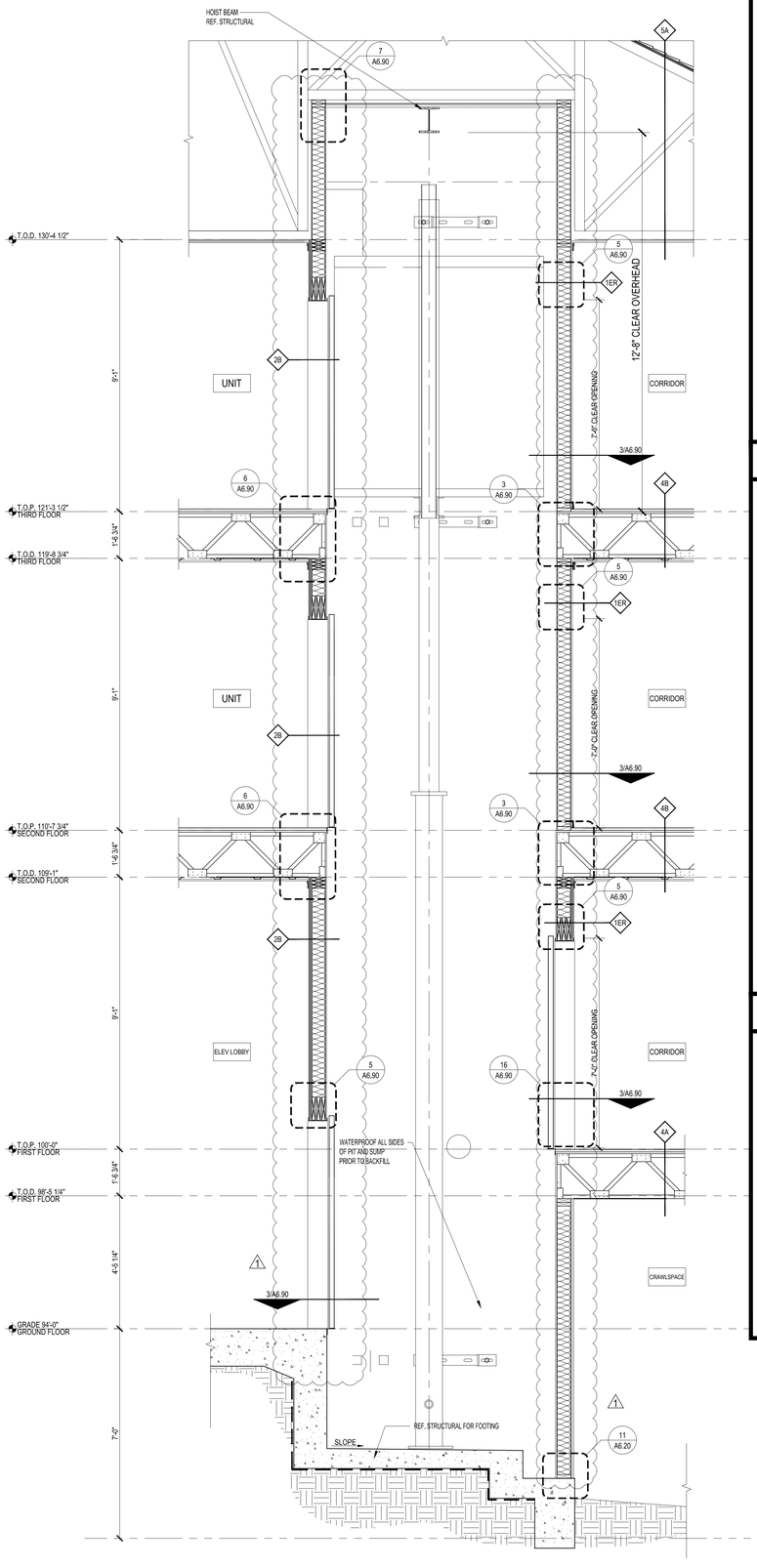
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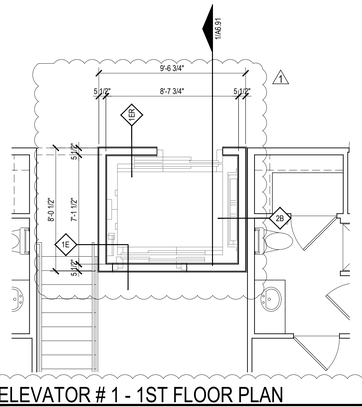
SHEET CONTENTS:
TYPICAL ELEVATOR DETAILS

SHEET NO.
A6.90

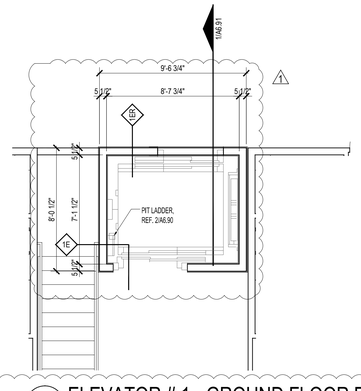
15557



1 ELEVATOR # 1 SECTION
SCALE: 1/2" = 1'-0"



3 ELEVATOR # 1 - 1ST FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 ELEVATOR # 1 - GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0" 2ND-3RD FLOORS SIM

ELEVATOR NOTES

1. ELEVATORS SHALL COMPLY WITH ANSI 402 AND 410
2. ELEVATOR SHALL HAVE A CAPACITY 3,500 LBS.
3. BASIS OF DESIGN: SCHINDLER 3300 (ELECTRIC TRACTION, MACHINE-ROOM-LESS)
4. ADJACENT TO THE CALL STATION (ALL LEVELS), PROVIDE SIGN TO READ : "IN FIRE EMERGENCY DO NOT USE ELEVATORS, USE EXIT STAIRS".
5. ELEVATOR CALL BUTTON W/ VISUAL SIGNAL. BUTTONS SHALL BE 3/4" MIN. DIMENSION. THE BUTTON THAT DESIGNATES UP SHALL BE ABOVE THE BUTTON THAT DESIGNATES DOWN. THE BUTTONS SHALL BE RAISED OR FLUSH.
6. LOCATE ELEVATOR SIGNALS 72" AFF MIN. (7'-0" TYP.). VISIBLE AND AUDIBLE SIGNALS SHALL BE PROVIDED AT EACH ENTRANCE TO INDICATE THE DIRECTION OF TRAVEL. AUDIBLE SIGNALS SHALL SOUND ONCE FOR THE UP DIRECTION AND TWICE FOR THE DOWN DIRECTION, OR SHALL HAVE VERBAL ANNUNCIATORS THAT STATE THE WORD "UP" OR "DOWN". AUDIBLE SIGNALS SHALL HAVE A FREQUENCY OF 1500 HZ MAX. THE AUDIBLE SIGNAL OR ANNUCIATOR SHALL BE 10 dBA MIN. ABOVE AMBIENT, BUT SHALL NOT EXCEED 80 dBA MAX. VISIBLE SIGNALS SHALL BE 2 1/2" MIN. IN THEIR SMALLEST DIMENSION. VISIBLE SIGNALS SHALL BE VISIBLE FROM THE FLOOR AREA ADJACENT TO THE HALL CALL BUTTON.
7. TACTILE CHARACTERS AND BRAILLE FLOOR DESIGNATIONS SHALL BE PROVIDED ON BOTH JAMBS OF ELEVATOR HOISTWAY ENTRANCES AND SHALL BE 60" AFF FROM THE BASELINE OF THE CHARACTERS. SUCH CHARACTERS SHALL BE 2" HIGH AND BE RAISED 1/32". THEY MUST BE IN A SANS-SERIV OR SIMPLE SERIF TYPE AND BE ACCOMPANIED BY GRADE 2 BRAILLE.
8. THE MINIMUM ACCEPTABLE NOTIFICATION TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOORS OF THAT CAR START TO CLOSE IS 5 SEC. THE CAR DOORS MUST STAY FULLY OPEN IN RESPONSE TO A CAR CALL FOR AT LEAST 3 SECONDS.
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10. HOISTWAY VENTING SHALL BE INSTALLED IN ACCORDANCE WITH 2012 IBC SECTION 3004.1 AND 3004.3. AREA OF VENTS SHALL NOT BE LESS THAN 3.5% OF AREA OF HOISTWAY NOR LESS THAN 3 SQ.FT. FOR EACH ELEVATOR CAR IN HOISTWAY, WHICHEVER IS GREATER. OF TOTAL REQUIRED VENT AREA, NOT LESS THAN 1/3 SHALL BE PERMANENTLY OPEN. CLOSED PORTIONS OF REQUIRED VENT AREA SHALL CONSIST OF OPENINGS GLAZED WITH ANNEALED GLASS NOT GREATER THAN 1/8-IN. THICKNESS. REFER TO MEP DRAWINGS FOR SIZE AND LOCATION OF VENTS.
11. ELEVATORS SHALL ACCOMMODATE A STRETCHER 24" X 84" IN THE HORIZONTAL OPEN POSITION AND SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES ADJACENT TO THE CALL STATION. THE SYMBOL SHALL NOT BE LESS THAN 3 INCHES HIGH AND SHALL BE PLACED INSIDE ON BOTH SIDES OF THE HOISTWAY DOOR FRAME ON THE DESIGNATED AND ALTERNATE LANDING FLOORS REQUIRED TO BE ESTABLISHED BY ASME A17.1. (OBC 2009 SECTION 3002.4).
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ELEVATORS SHALL COMPLY WITH THE FOLLOWING:

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4.10.1.7 - THE MINIMUM ACCEPTABLE TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOORS OF THAT CAR START TO CLOSE SHALL BE 5 SECONDS, MIN.

4.10.1.8 - THE CAR DOORS MUST STAY FULLY OPEN IN RESPONSE TO A CAR CALL FOR A LEAST 3 SECONDS.

4.10.1.11- THE LEVEL OF ILLUMINATION AT CAR CONTROLS, PLATFORM, LANDING, AND THRESHOLD SHALL BE 5 FT. CANDLES, MIN.

4.10.1.12- CONTROL PANELS WILL HAVE THE FOLLOWING FEATURES:
- 4.10.1.12.1 THE SMALLEST DIMENSION ON CONTROL BUTTONS SHALL BE 3/4". CONTROL BUTTONS MAY BE RAISED, FLUSH, OR RECESSED. THE NUMBERED BUTTONS SHALL BE ARRANGED IN ASCENDING ORDER.
- 4.10.1.12.2 THE CALL BUTTON FOR THE MAIN ENTRY FLOOR SHALL BE DESIGNATED BY A STAR. RAISED AND BRAILLE DESIGNATIONS FOR CONTROL BUTTON SHALL BE PLACED IMMEDIATELY TO THE LEFT OF THE BUTTON.
- 4.10.1.12.3 FLOOR BUTTON SHALL BE LOCATED 54" MAX. FOR PARALLEL APPROACH AND 48" MAX. FOR FRONT APPROACH. EMERGENCY CONTROLS WILL BE GROUPED AT THE BOTTOM OF PANEL. EMERGENCY CONTROL BUTTON SHALL BE MOUNTED 35" TO CENTERLINE A.F.F.

4.10.1.13 - BOTH AUDIBLE AND VISIBLE CAR FLOOR LOCATIONS INDICATORS SHALL BE PROVIDED IN CARS.
- 4.10.1.13.1 VISIBLE INDICATOR
- 4.10.1.13.2 AUDIBLE INDICATOR

4.28.6.1 - CHARACTERS AND SYMBOLS ON TACTILE SIGNS SHALL BE RAISED 1/32" MIN. RAISED CHARACTERS SHALL BE BE IN UPPERCASE CHARACTERS, 5/8" HIGH MIN, AND 2" HIGH MAX. RAISED CHARACTERS SHALL BE ACCOMPANIED BY BRAILLE (GRADE II).

IBC 2012

907.3.3 - AUTOMATIC FIRE DETECTORS INSTALLED FOR ELEVATOR EMERGENCY [RECALL] OPERATION SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF ASME A17.1

3002.3 - AN APPROVED PICTORIAL SIGN OF A STANDARDIZED DESIGN SHALL BE POSTED ADJACENT TO EACH ELEVATOR CALL STATION ON ALL FLOORS INSTRUCTING OCCUPANTS TO USE THE EXIT STAIRWAYS AND NOT TO USE THE ELEVATORS IN CASE OF FIRE. THE SIGN SHALL READ: ***IN FIRE EMERGENCY, DO NOT USE ELEVATOR. USE EXIT STAIRS.***

NFPA 101 LIFE SAFETY CODE 2012

7.2.12.1 - AREAS OF REFUGE
- 7.2.12.1.1 AREA OF REFUGE SHALL MEET THE FOLLOWING CRITERIA:
  (1) TWO WAY COMMUNICATION BETWEEN LANDING AND FIRE COMMAND CENTER
  (2) DIRECTIONS FOR THE USE OF THE COMMUNICATION SYSTEM
  (3) TWO-WAY COMMUNICATION SYSTEM SHALL CONTAIN AUDIBLE AND VISIBLE SIGNALS

9.4.2.1 - NEW ELEVATORS SHALL CONFORM TO REQUIREMENTS OF ASME A17.1

ELEVATOR SOUND CONTROL

1. THE HOIST AND SHEAVES (PRIMARY AND SECONDARY OR DEFLECTOR) ARE TO BE MOUNTED TO A SINGLE UNITIZED STRUCTURAL BASE WHICH IS RESILIENTLY MOUNTED TO THE BUILDING STRUCTURE. THE RESILIENT MOUNTS SHALL BE THE MOST EFFECTIVE ISOLATION SYSTEM PROVIDED BY THE ELEVATOR MANUFACTURER, BUT NOT LESS THAN 1" THICK SOLID OR LAYERED NEOPRENE PADS INSTALLED TO PROVIDE 0.10" STATIC DEFLECTION (OR 10% OF TOTAL PAD THICKNESS.)
2. IF EQUIPPED WITH SCR CONTROLS, MOUNT THE SCR CONTROL UNIT(S) ON THE MOST EFFECTIVE ISOLATION SYSTEM AVAILABLE FROM THE ELEVATOR MANUFACTURER, BUT NOT LESS THAN 0.75" THICK RIBBED OR WAFFLE NEOPRENE PADS UNIFORMLY LOADED TO ACHIEVE 0.10" DEFLECTION (MASON INDUSTRIES, TYPE 'SUPER W', 50 DUROMETER PADS UNIFORMLY LOADED AT 45 PSI). PROVIDE A TOP BEARING PLATE WHERE NECESSARY TO UNIFORMLY DISTRIBUTE LOAD.
3. PROVIDE AN ELECTRICAL FILTER/REACTOR BETWEEN ELECTRIC CONTROLS AND THE HOIST MOTOR. MOUNT THE REACTOR ON THE MOST EFFECTIVE ISOLATION PROVIDED BY THE MANUFACTURER, BUT NOT LESS THAT 0.75" (19 MM) THICK RIBBED OR WAFFLE NEOPRENE PADS UNIFORMLY LOADED TO ACHIEVE 0.10" (2.5 MM) DEFLECTION.
4. ALL BOLTS THROUGH ISOLATION PADS SHALL HAVE RESILIENT WASHERS AND SLEEVES TO INSURE NO 'SHORT-CIRCUIT' OF ISOLATION.
5. ALL CONNECTIONS TO EQUIPMENT ARE TO BE RESILIENT.
6. DOUBLE ROPED SYSTEMS SHALL TERMINATE ROPES ON THE UNITIZED RESILIENTLY MOUNTED BASE OF THE MACHINE.
7. PROVIDE THE MAXIMUM POSSIBLE DIAMETER NEOPRENE/RUBBER (RESILIENT SLEEVED) ROLLER WHEELS. IN ADDITION, SPRING-LOADED ROLLERS ARE REQUIRED TO MAINTAIN STEADY PRESSURE AGAINST THE GUIDE RAILS.
8. GUIDE RAILS AND ROLLERS ARE TO BE PROPERLY ALIGNED TO OBTAIN THE "QUIETEST" OPERATION POSSIBLE. THE SPECIFICATION SHOULD SPECIFY A VERTICAL TOLERANCE OF 0.06 IN PER 98 FT DISTANCE.

PERMIT: 09-02-2016

Designed by: SB
Drawn by: CH-EH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
2	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1

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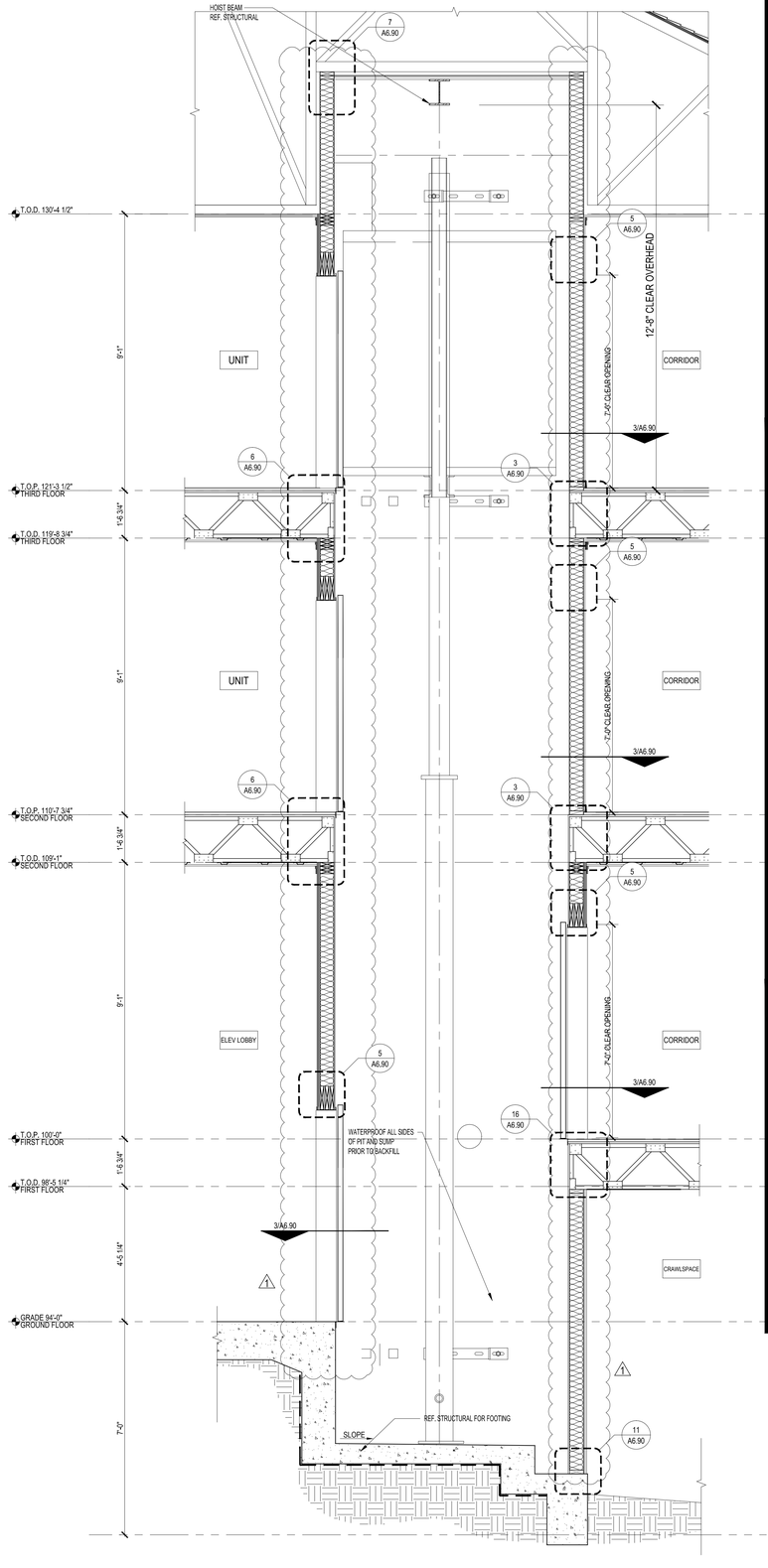
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SHEET CONTENTS:
ELEVATOR 1
PLAN & SECTION

SHEET NO.
A6.91

15557



1 ELEVATOR # 2 SECTION
SCALE: 1/2" = 1'-0"

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4.10.1.12.1 THE SMALLEST DIMENSION ON CONTROL BUTTONS SHALL BE 3/4". CONTROL BUTTONS MAY BE RAISED, FLUSH, OR RECESSED. THE NUMBERED BUTTONS SHALL BE ARRANGED IN ASCENDING ORDER.

4.10.1.12.2 THE CALL BUTTON FOR THE MAIN ENTRY FLOOR SHALL BE DESIGNATED BY A STAR. RAISED AND BRAILLE DESIGNATIONS FOR CONTROL BUTTON SHALL BE PLACED IMMEDIATELY TO THE LEFT OF THE BUTTON.

4.10.1.12.3 FLOOR BUTTON SHALL BE LOCATED 54" MAX. FOR PARALLEL APPROACH AND 48" MAX. FOR FRONT APPROACH. EMERGENCY CONTROLS WILL BE GROUPED AT THE BOTTOM OF PANEL. EMERGENCY CONTROL BUTTON SHALL BE MOUNTED 35" TO CENTERLINE A.F.F.

4.10.1.13 - BOTH AUDIBLE AND VISIBLE CAR FLOOR LOCATIONS INDICATORS SHALL BE PROVIDED IN CARS.

4.10.1.13.1 VISIBLE INDICATOR

4.10.1.13.2 AUDIBLE INDICATOR

4.28.6.1 - CHARACTERS AND SYMBOLS ON TACTILE SIGNS SHALL BE RAISED 1/32" MIN. RAISED CHARACTERS SHALL BE BE IN UPPERCASE CHARACTERS, 5/8" HIGH MIN, AND 2" HIGH MAX. RAISED CHARACTERS SHALL BE ACCOMPANIED BY BRAILLE (GRADE II).

IBC 2012

907.3.3 - AUTOMATIC FIRE DETECTORS INSTALLED FOR ELEVATOR EMERGENCY [RECALL] OPERATION SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF ASME A17.1

3002.3 - AN APPROVED PICTORIAL SIGN OF A STANDARDIZED DESIGN SHALL BE POSTED ADJACENT TO EACH ELEVATOR CALL STATION ON ALL FLOORS INSTRUCTING OCCUPANTS TO USE THE EXIT STAIRWAYS AND NOT TO USE THE ELEVATORS IN CASE OF FIRE. THE SIGN SHALL READ: ***IN FIRE EMERGENCY, DO NOT USE ELEVATOR. USE EXIT STAIRS.***

NFPA 101 LIFE SAFETY CODE 2012

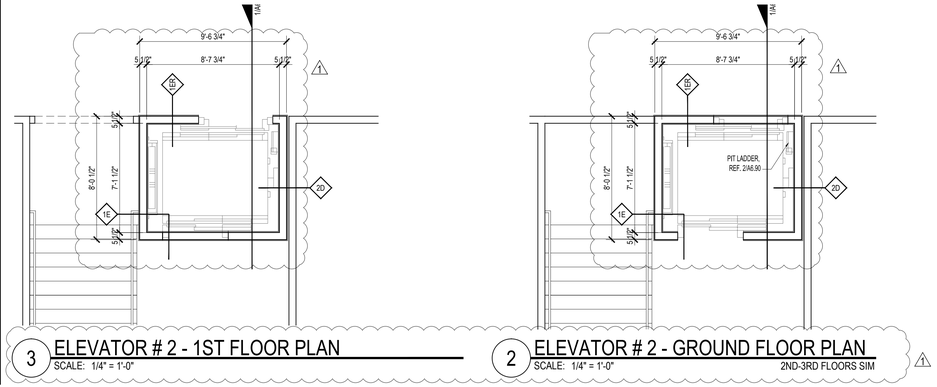
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7.2.12.1.1 AREA OF REFUGE SHALL MEET THE FOLLOWING CRITERIA:
(1) TWO WAY COMMUNICATION BETWEEN LANDING AND FIRE COMMAND CENTER
(2) DIRECTIONS FOR THE USE OF THE COMMUNICATION SYSTEM
(3) TWO-WAY COMMUNICATION SYSTEM SHALL CONTAIN AUDIBLE AND VISIBLE SIGNALS

9.4.2.1 - NEW ELEVATORS SHALL CONFORM TO REQUIREMENTS OF ASME A17.1

ELEVATOR SOUND CONTROL

1. THE HOIST AND SHEAVES (PRIMARY AND SECONDARY OR DEFLECTOR) ARE TO BE MOUNTED TO A SINGLE UNITIZED STRUCTURAL BASE WHICH IS RESILIENTLY MOUNTED TO THE BUILDING STRUCTURE. THE RESILIENT MOUNTS SHALL BE THE MOST EFFECTIVE ISOLATION SYSTEM PROVIDED BY THE ELEVATOR MANUFACTURER, BUT NOT LESS THAN 1" THICK SOLID OR LAYERED NEOPRENE PADS INSTALLED TO PROVIDE 0.10" STATIC DEFLECTION (OR 10% OF TOTAL PAD THICKNESS.)
2. IF EQUIPPED WITH SCR CONTROLS, MOUNT THE SCR CONTROL UNIT(S) ON THE MOST EFFECTIVE ISOLATION SYSTEM AVAILABLE FROM THE ELEVATOR MANUFACTURER, BUT NOT LESS THAN 0.75" THICK RIBBED OR WAFFLE NEOPRENE PADS UNIFORMLY LOADED TO ACHIEVE 0.10" DEFLECTION (MASON INDUSTRIES, TYPE 'SUPER W', 50 DUROMETER PADS UNIFORMLY LOADED AT 45 PSI). PROVIDE A TOP BEARING PLATE WHERE NECESSARY TO UNIFORMLY DISTRIBUTE LOAD.
3. PROVIDE AN ELECTRICAL FILTER/REACTOR BETWEEN ELECTRIC CONTROLS AND THE HOIST MOTOR. MOUNT THE REACTOR ON THE MOST EFFECTIVE ISOLATION PROVIDED BY THE MANUFACTURER, BUT NOT LESS THAT 0.75" (19 MM) THICK RIBBED OR WAFFLE NEOPRENE PADS UNIFORMLY LOADED TO ACHIEVE 0.10" (2.5 MM) DEFLECTION.
4. ALL BOLTS THROUGH ISOLATION PADS SHALL HAVE RESILIENT WASHERS AND SLEEVES TO INSURE NO 'SHORT-CIRCUIT' OF ISOLATION.
5. ALL CONNECTIONS TO EQUIPMENT ARE TO BE RESILIENT.
6. DOUBLE ROPED SYSTEMS SHALL TERMINATE ROPES ON THE UNITIZED RESILIENTLY MOUNTED BASE OF THE MACHINE.
7. PROVIDE THE MAXIMUM POSSIBLE DIAMETER NEOPRENE/RUBBER (RESILIENT SLEEVED) ROLLER WHEELS. IN ADDITION, SPRING-LOADED ROLLERS ARE REQUIRED TO MAINTAIN STEADY PRESSURE AGAINST THE GUIDE RAILS.
8. GUIDE RAILS AND ROLLERS ARE TO BE PROPERLY ALIGNED TO OBTAIN THE "QUIETEST" OPERATION POSSIBLE. THE SPECIFICATION SHOULD SPECIFY A VERTICAL TOLERANCE OF 0.06 IN PER 98 FT DISTANCE.



3 ELEVATOR # 2 - 1ST FLOOR PLAN
SCALE: 1/4" = 1'-0"

2 ELEVATOR # 2 - GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0"
2ND-3RD FLOORS SIM

Designed by: SB
Drawn by: CH-EH
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
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Revisions:

#	DATE	COMMENTS
2	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

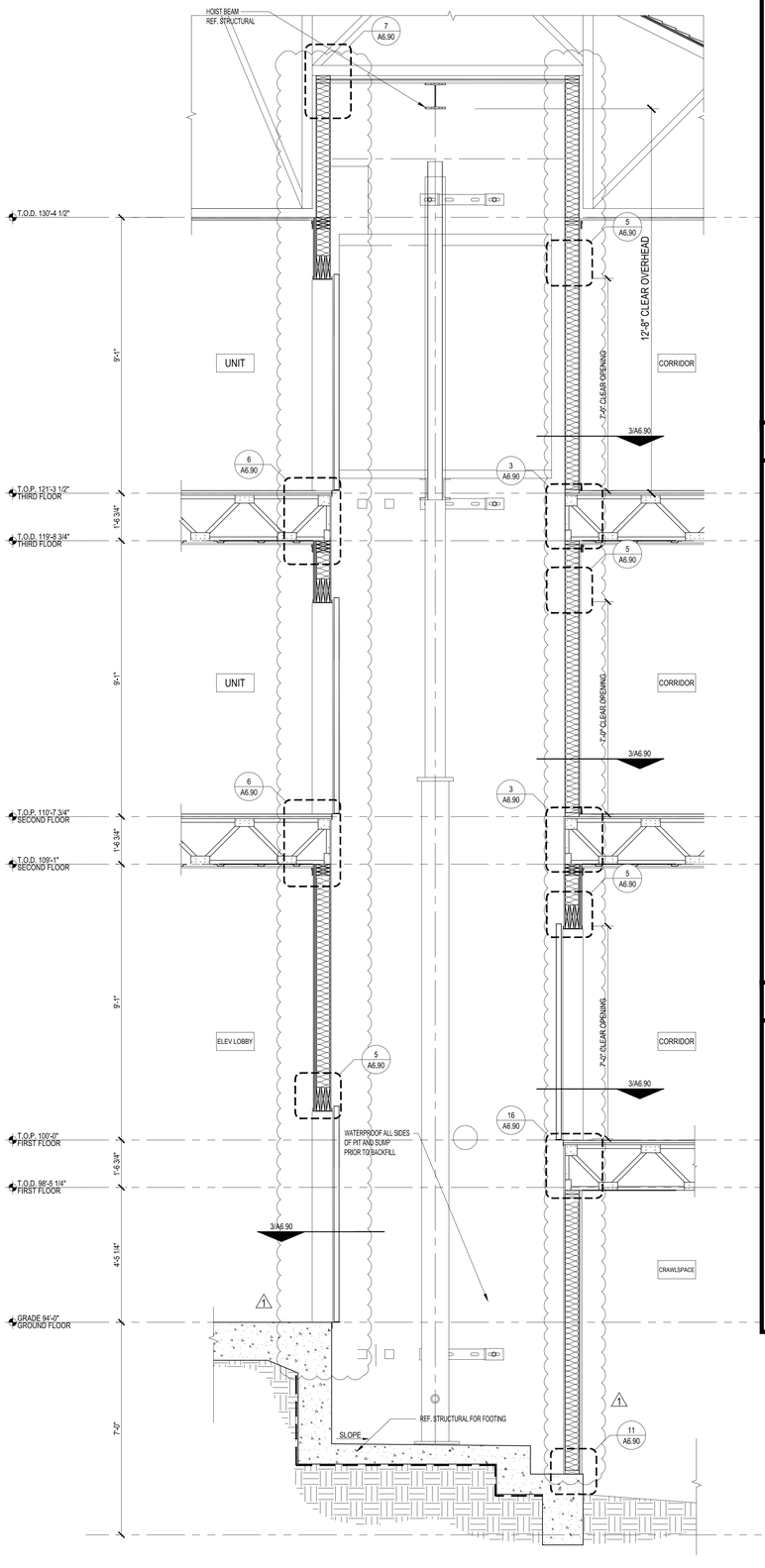
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SHEET CONTENTS:
ELEVATOR 2
PLAN & SECTION

SHEET NO.
A6.92

PERMIT: 09-02-2016

15557



1 ELEVATOR # 4 SECTION
SCALE: 1/2" = 1'-0"

ELEVATOR NOTES

1. ELEVATORS SHALL COMPLY WITH ANSI 402 AND 410
2. ELEVATOR SHALL HAVE A CAPACITY 3,500 LBS.
3. BASIS OF DESIGN: SCHINDLER 3300 (ELECTRIC TRACTION, MACHINE-ROOM-LESS)
4. ADJACENT TO THE CALL STATION (ALL LEVELS), PROVIDE SIGN TO READ : "IN FIRE EMERGENCY DO NOT USE ELEVATORS, USE EXIT STAIRS".
5. ELEVATOR CALL BUTTON W/ VISUAL SIGNAL. BUTTONS SHALL BE 3/4" MIN. DIMENSION. THE BUTTON THAT DESIGNATES UP SHALL BE ABOVE THE BUTTON THAT DESIGNATES DOWN. THE BUTTONS SHALL BE RAISED OR FLUSH.
6. LOCATE ELEVATOR SIGNALS 72" AFF MIN. (7'-0" TYP.). VISIBLE AND AUDIBLE SIGNALS SHALL BE PROVIDED AT EACH ENTRANCE TO INDICATE THE DIRECTION OF TRAVEL. AUDIBLE SIGNALS SHALL SOUND ONCE FOR THE UP DIRECTION AND TWICE FOR THE DOWN DIRECTION, OR SHALL HAVE VERBAL ANNUNCIATORS THAT STATE THE WORD "UP" OR "DOWN". AUDIBLE SIGNALS SHALL HAVE A FREQUENCY OF 1500 HZ MAX. THE AUDIBLE SIGNAL OR ANNUCIATOR SHALL BE 10 dBA MIN. ABOVE AMBIENT, BUT SHALL NOT EXCEED 80 dBA MAX. VISIBLE SIGNALS SHALL BE 2 1/2" MIN. IN THEIR SMALLEST DIMENSION. VISIBLE SIGNALS SHALL BE VISIBLE FROM THE FLOOR AREA ADJACENT TO THE HALL CALL BUTTON.
7. TACTILE CHARACTERS AND BRAILLE FLOOR DESIGNATIONS SHALL BE PROVIDED ON BOTH JAMBS OF ELEVATOR HOISTWAY ENTRANCES AND SHALL BE 60" AFF FROM THE BASELINE OF THE CHARACTERS. SUCH CHARACTERS SHALL BE 2" HIGH AND BE RAISED 1/32". THEY MUST BE IN A SANS-SERIV OR SIMPLE SERIF TYPE AND BE ACCOMPANIED BY GRADE 2 BRAILLE.
8. THE MINIMUM ACCEPTABLE NOTIFICATION TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOORS OF THAT CAR START TO CLOSE IS 5 SEC. THE CAR DOORS MUST STAY FULLY OPEN IN RESPONSE TO A CAR CALL FOR AT LEAST 3 SECONDS.
9. PER IBC 2012, ENCLOSED ELEVATOR LOBBIES ARE NOT REQUIRED.
10. HOISTWAY VENTING SHALL BE INSTALLED IN ACCORDANCE WITH 2012 IBC SECTION 3004.1 AND 3004.3. AREA OF VENTS SHALL NOT BE LESS THAN 3.5% OF AREA OF HOISTWAY NOR LESS THAN 3 SQ.FT. FOR EACH ELEVATOR CAR IN HOISTWAY, WHICHEVER IS GREATER. OF TOTAL REQUIRED VENT AREA, NOT LESS THAN 1/3 SHALL BE PERMANENTLY OPEN. CLOSED PORTIONS OF REQUIRED VENT AREA SHALL CONSIST OF OPENINGS GLAZED WITH ANNEALED GLASS NOT GREATER THAN 1/8-IN. THICKNESS. REFER TO MEP DRAWINGS FOR SIZE AND LOCATION OF VENTS.
11. ELEVATORS SHALL ACCOMMODATE A STRETCHER 24" X 84" IN THE HORIZONTAL OPEN POSITION AND SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES ADJACENT TO THE CALL STATION. THE SYMBOL SHALL NOT BE LESS THAN 3 INCHES HIGH AND SHALL BE PLACED INSIDE ON BOTH SIDES OF THE HOISTWAY DOOR FRAME ON THE DESIGNATED AND ALTERNATE LANDING FLOORS REQUIRED TO BE ESTABLISHED BY ASME A17.1. (OBC 2009 SECTION 3002.4).
12. CONTRACTOR TO VERIFY SHAFT DIMENSIONS, PIT DEPTH, AND HOISTWAY PRIOR TO CONSTRUCTION.
13. PROVIDE SUMP PUMP AND OIL CHILLER AS REQUIRED BY ELEVATOR MANUFACTURER.

ELEVATOR CODE REQUIREMENTS

ELEVATORS SHALL COMPLY WITH THE FOLLOWING:

ANSI 117.1

SECTION 4.2 - SPACE ALLOWANCES AND REACH RANGES

SECTION 4.10- ELEVATORS

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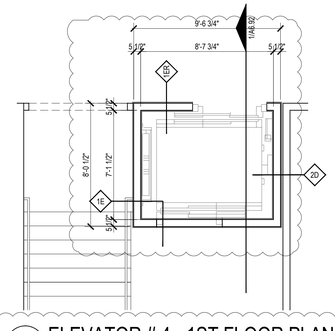
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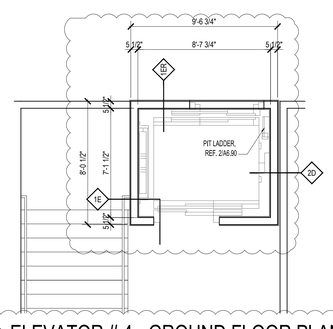
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3 ELEVATOR # 4 - 1ST FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 ELEVATOR # 4 - GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0" 2ND-3RD FLOOR SIM

1

Designed by: SB
Drawn by: CH-EH
Architect of Record: TD
Date Plotted: 12/30/16

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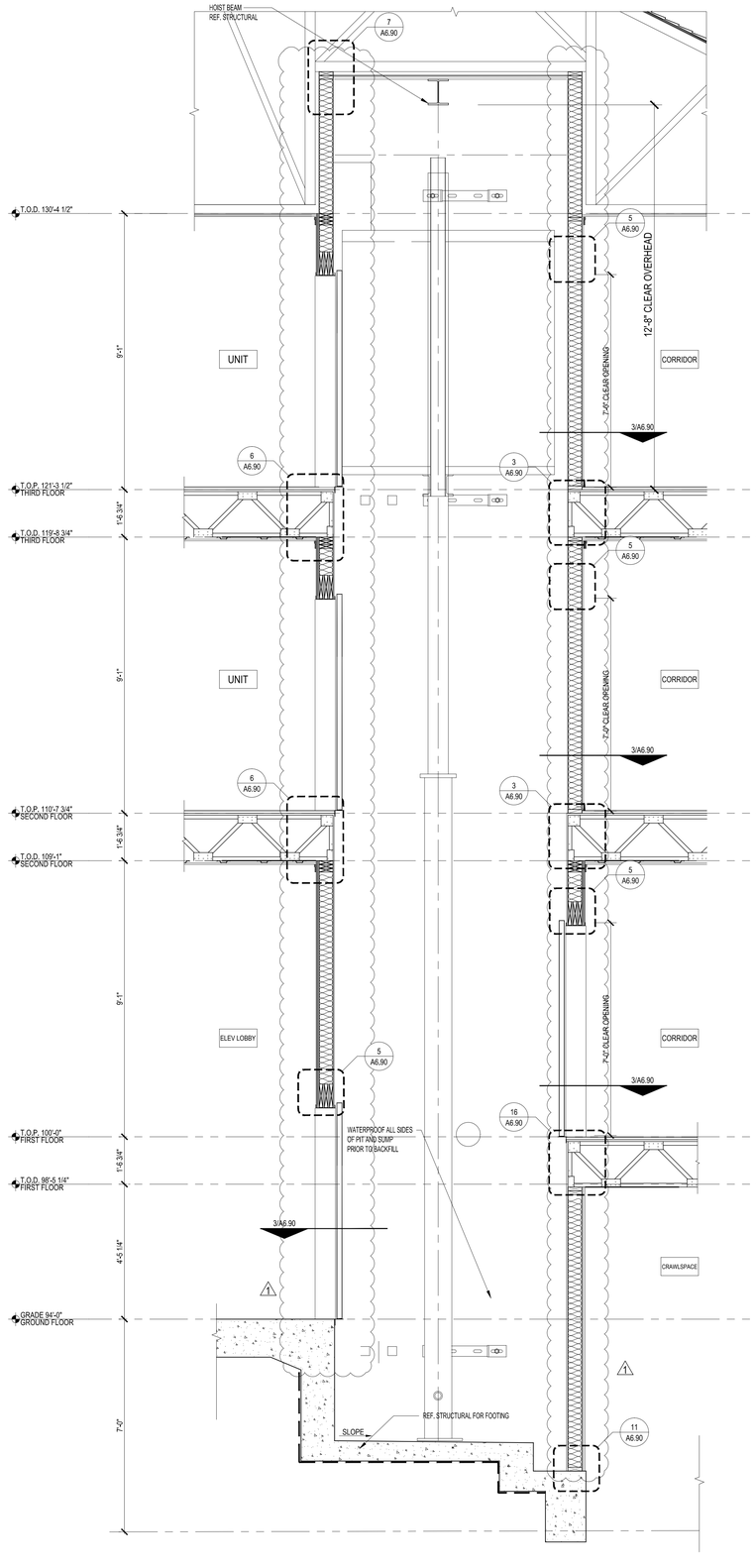
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SHEET CONTENTS:
ELEVATOR 4
PLAN & SECTION

SHEET NO.
A6.92a

PERMIT: 09-02-2016

15557



1 ELEVATOR # 3 SECTION
SCALE: 1/2" = 1'-0"

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4.10.1.7 - THE MINIMUM ACCEPTABLE TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOORS OF THAT CAR START TO CLOSE SHALL BE 5 SECONDS, MIN.

4.10.1.8 - THE CAR DOORS MUST STAY FULLY OPEN IN RESPONSE TO A CAR CALL FOR A LEAST 3 SECONDS.

4.10.1.11- THE LEVEL OF ILLUMINATION AT CAR CONTROLS, PLATFORM, LANDING, AND THRESHOLD SHALL BE 5 FT. CANDLES, MIN.

4.10.1.12- CONTROL PANELS WILL HAVE THE FOLLOWING FEATURES:

- 4.10.1.12.1 THE SMALLEST DIMENSION ON CONTROL BUTTONS SHALL BE 3/4". CONTROL BUTTONS MAY BE RAISED, FLUSH, OR RECESSED. THE NUMBERED BUTTONS SHALL BE ARRANGED IN ASCENDING ORDER.
- 4.10.1.12.2 THE CALL BUTTON FOR THE MAIN ENTRY FLOOR SHALL BE DESIGNATED BY A STAR. RAISED AND BRAILLE DESIGNATIONS FOR CONTROL BUTTON SHALL BE PLACED IMMEDIATELY TO THE LEFT OF THE BUTTON.
- 4.10.1.12.3 FLOOR BUTTON SHALL BE LOCATED 54" MAX. FOR PARALLEL APPROACH AND 48" MAX. FOR FRONT APPROACH. EMERGENCY CONTROLS WILL BE GROUPED AT THE BOTTOM OF PANEL. EMERGENCY CONTROL BUTTON SHALL BE MOUNTED 35" TO CENTERLINE A.F.F.

4.10.1.13 - BOTH AUDIBLE AND VISIBLE CAR FLOOR LOCATIONS INDICATORS SHALL BE PROVIDED IN CARS.

- 4.10.1.13.1 VISIBLE INDICATOR
- 4.10.1.13.2 AUDIBLE INDICATOR

4.28.6.1 - CHARACTERS AND SYMBOLS ON TACTILE SIGNS SHALL BE RAISED 1/32" MIN. RAISED CHARACTERS SHALL BE BE IN UPPERCASE CHARACTERS, 5/8" HIGH MIN, AND 2" HIGH MAX. RAISED CHARACTERS SHALL BE ACCOMPANIED BY BRAILLE (GRADE II).

IBC 2012

907.3.3 - AUTOMATIC FIRE DETECTORS INSTALLED FOR ELEVATOR EMERGENCY [RECALL] OPERATION SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF ASME A17.1

3002.3 - AN APPROVED PICTORIAL SIGN OF A STANDARDIZED DESIGN SHALL BE POSTED ADJACENT TO EACH ELEVATOR CALL STATION ON ALL FLOORS INSTRUCTING OCCUPANTS TO USE THE EXIT STAIRWAYS AND NOT TO USE THE ELEVATORS IN CASE OF FIRE. THE SIGN SHALL READ: ***IN FIRE EMERGENCY, DO NOT USE ELEVATOR. USE EXIT STAIRS.***

NFPA 101 LIFE SAFETY CODE 2012

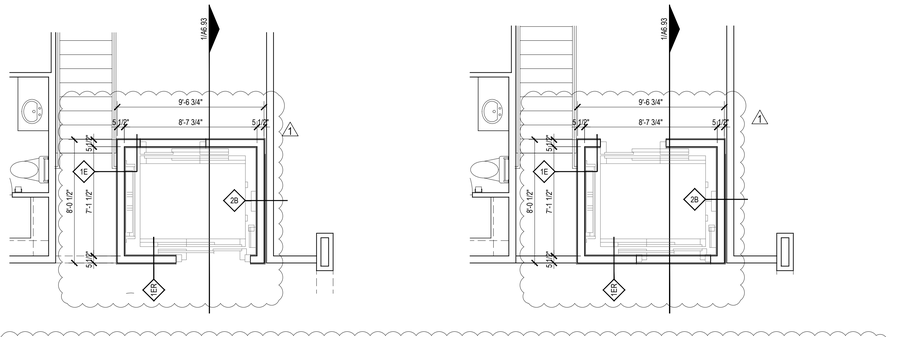
7.2.12.1 - AREAS OF REFUGE

- 7.2.12.1.1 AREA OF REFUGE SHALL MEET THE FOLLOWING CRITERIA:
  (1) TWO WAY COMMUNICATION BETWEEN LANDING AND FIRE COMMAND CENTER
  (2) DIRECTIONS FOR THE USE OF THE COMMUNICATION SYSTEM
  (3) TWO-WAY COMMUNICATION SYSTEM SHALL CONTAIN AUDIBLE AND VISIBLE SIGNALS

9.4.2.1 - NEW ELEVATORS SHALL CONFORM TO REQUIREMENTS OF ASME A17.1

ELEVATOR SOUND CONTROL

1. THE HOIST AND SHEAVES (PRIMARY AND SECONDARY OR DEFLECTOR) ARE TO BE MOUNTED TO A SINGLE UNITIZED STRUCTURAL BASE WHICH IS RESILIENTLY MOUNTED TO THE BUILDING STRUCTURE. THE RESILIENT MOUNTS SHALL BE THE MOST EFFECTIVE ISOLATION SYSTEM PROVIDED BY THE ELEVATOR MANUFACTURER, BUT NOT LESS THAN 1" THICK SOLID OR LAYERED NEOPRENE PADS INSTALLED TO PROVIDE 0.10" STATIC DEFLECTION (OR 10% OF TOTAL PAD THICKNESS.)
2. IF EQUIPPED WITH SCR CONTROLS, MOUNT THE SCR CONTROL UNIT(S) ON THE MOST EFFECTIVE ISOLATION SYSTEM AVAILABLE FROM THE ELEVATOR MANUFACTURER, BUT NOT LESS THAN 0.75" THICK RIBBED OR WAFFLE NEOPRENE PADS UNIFORMLY LOADED TO ACHIEVE 0.10" DEFLECTION (MASON INDUSTRIES, TYPE 'SUPER W', 50 DUROMETER PADS UNIFORMLY LOADED AT 45 PSI). PROVIDE A TOP BEARING PLATE WHERE NECESSARY TO UNIFORMLY DISTRIBUTE LOAD.
3. PROVIDE AN ELECTRICAL FILTER/REACTOR BETWEEN ELECTRIC CONTROLS AND THE HOIST MOTOR. MOUNT THE REACTOR ON THE MOST EFFECTIVE ISOLATION PROVIDED BY THE MANUFACTURER, BUT NOT LESS THAT 0.75" (19 MM) THICK RIBBED OR WAFFLE NEOPRENE PADS UNIFORMLY LOADED TO ACHIEVE 0.10" (2.5 MM) DEFLECTION.
4. ALL BOLTS THROUGH ISOLATION PADS SHALL HAVE RESILIENT WASHERS AND SLEEVES TO INSURE NO 'SHORT-CIRCUIT' OF ISOLATION.
5. ALL CONNECTIONS TO EQUIPMENT ARE TO BE RESILIENT.
6. DOUBLE ROPED SYSTEMS SHALL TERMINATE ROPES ON THE UNITIZED RESILIENTLY MOUNTED BASE OF THE MACHINE.
7. PROVIDE THE MAXIMUM POSSIBLE DIAMETER NEOPRENE/RUBBER (RESILIENT SLEEVED) ROLLER WHEELS. IN ADDITION, SPRING-LOADED ROLLERS ARE REQUIRED TO MAINTAIN STEADY PRESSURE AGAINST THE GUIDE RAILS.
8. GUIDE RAILS AND ROLLERS ARE TO BE PROPERLY ALIGNED TO OBTAIN THE "QUIETEST" OPERATION POSSIBLE. THE SPECIFICATION SHOULD SPECIFY A VERTICAL TOLERANCE OF 0.06 IN PER 98 FT DISTANCE.



3 ELEVATOR # 3 - 1ST FLOOR PLAN
SCALE: 1/4" = 1'-0"

2 ELEVATOR # 3 - GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0"
2ND-3RD FLOOR SIM

Designed by:	SB
Drawn by:	CH-EH
Architect of Record:	TD
Date Plotted:	12/30/16
Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
2	12/30/2016	HPA REVIEW
1	9/22/2017	REVISION 1

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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

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No. 34744
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PROFESSIONAL
ARCHITECT
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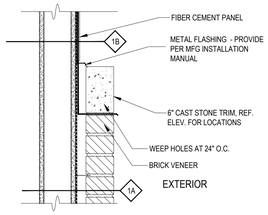
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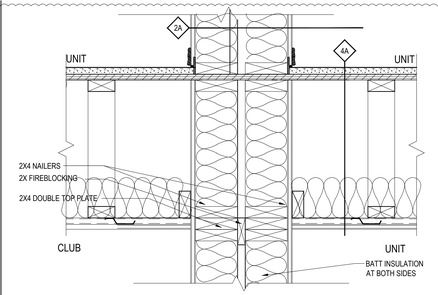
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ELEVATOR 3
PLAN & SECTION

SHEET NO.
A6.93

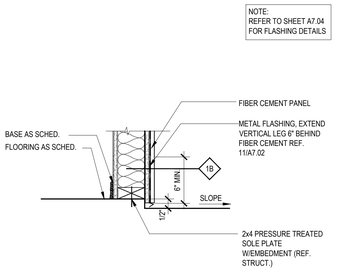
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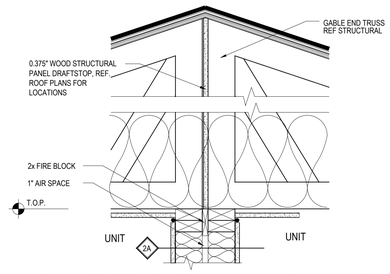
25 CAST STONE TRIM AT REGULAR BRICK
SCALE: 1 1/2" = 1'-0"



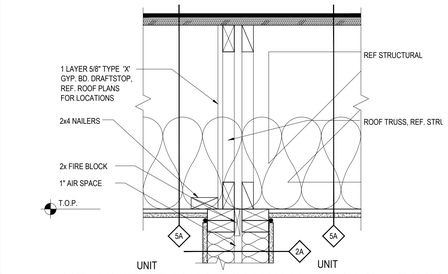
20 1 HR. FIRE BARRIER AT CLUB / UNIT - FLR/CLG.
SCALE: 1 1/2" = 1'-0"



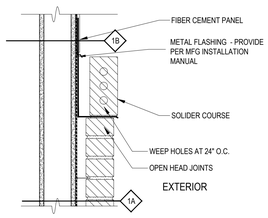
15 EXT. WALL AT BALCONY FLOOR
SCALE: 1 1/2" = 1'-0"



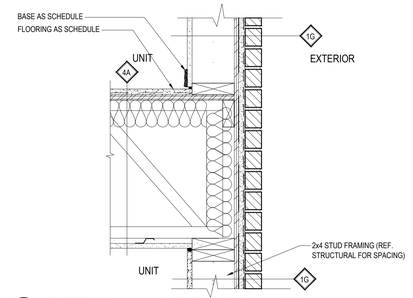
10 1 HR. UNIT SEPARATION WALL AT CLG. / ROOF
SCALE: 1 1/2" = 1'-0"



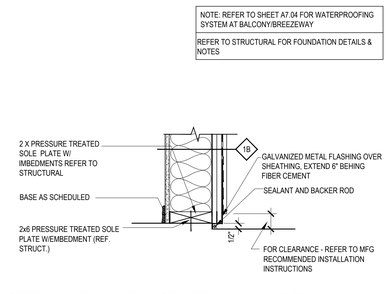
5 1 HR. UNIT SEPARATION WALL AT CLG. / ROOF
SCALE: 1 1/2" = 1'-0"



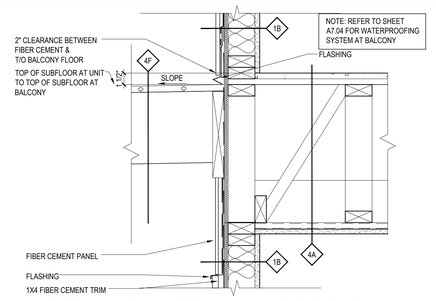
24 EXT. WALL AT SOLIDER BRICK
SCALE: 1 1/2" = 1'-0"



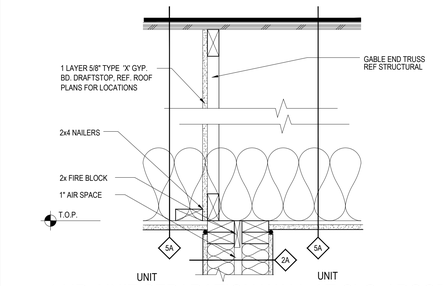
19 EXTERIOR WALL AT FLR/CLG - THIN BRICK
SCALE: 1-1/2" = 1'-0"



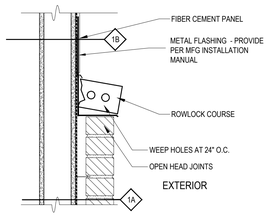
14 DETAIL AT UNIT/BREEZEWAY FLOOR
SCALE: 1 1/2" = 1'-0"



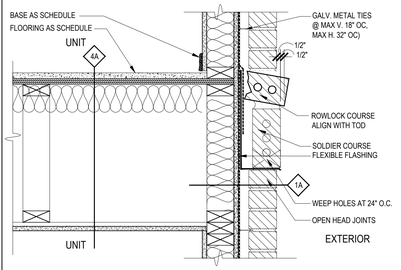
9 DETAIL AT BALCONY WALL TO FLOOR
SCALE: 1 1/2" = 1'-0"



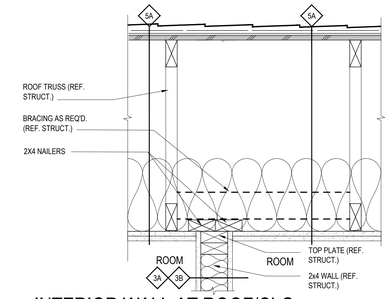
4 1 HR. UNIT SEPARATION WALL AT CLG. / ROOF
SCALE: 1 1/2" = 1'-0"



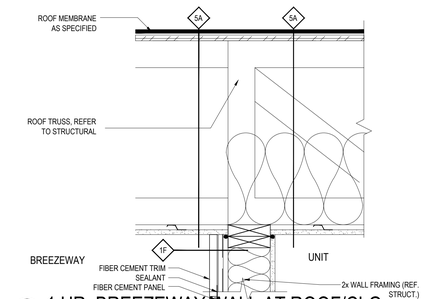
23 EXT. WALL AT ROWLOCK BRICK
SCALE: 1 1/2" = 1'-0"



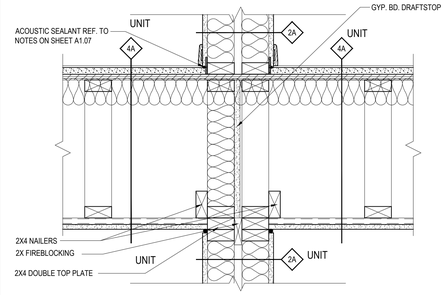
18 EXT. WALL AT DECO BRICK BAND
SCALE: 1 1/2" = 1'-0"



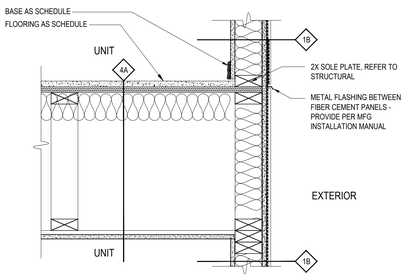
13 INTERIOR WALL AT ROOF/CLG
SCALE: 1 1/2" = 1'-0"



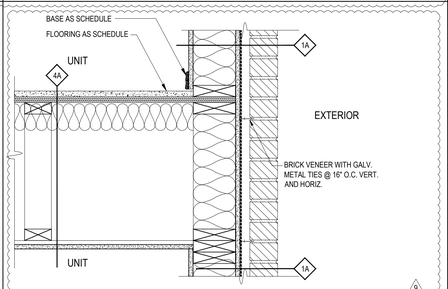
8 1 HR. BREEZEWAY WALL AT ROOF/CLG.
SCALE: 1 1/2" = 1'-0"



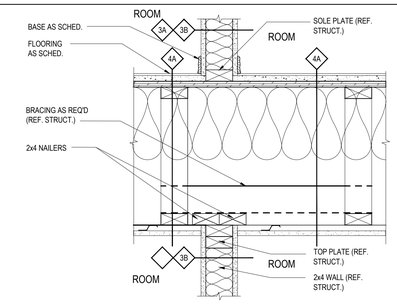
3 1 HR. UNIT SEPARATION WALL AT FLR/CLG
SCALE: 1 1/2" = 1'-0"



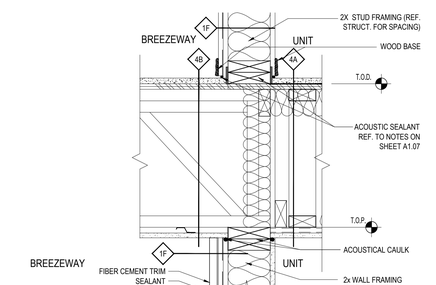
22 EXT. WALL AT FLR/CLG - F.C. PANEL
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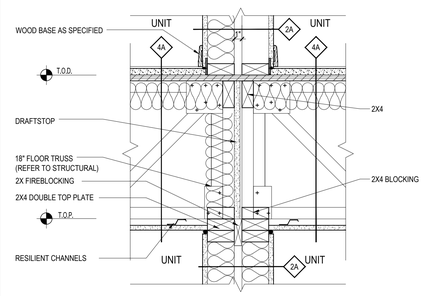
17 EXT. WALL AT FLR/CLG - BRICK
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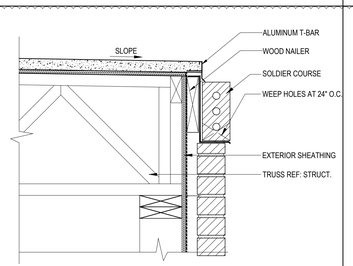
12 INTERIOR WALL AT FLR/CLG
SCALE: 1 1/2" = 1'-0"



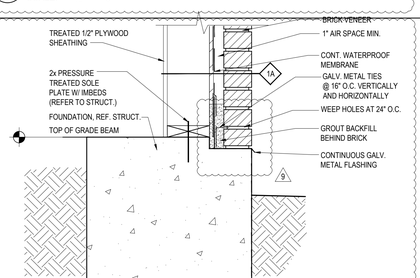
7 1 HR. UNIT/BREEZEWAY WALL AT FLR/CLG.
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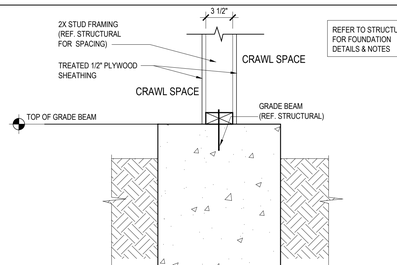
2 1 HR. UNIT SEPARATION WALL AT FLR/CLG
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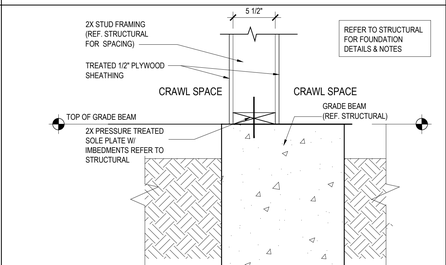
21 FRONT PORCH @ CLUBHOUSE
SCALE: 1 1/2" = 1'-0"



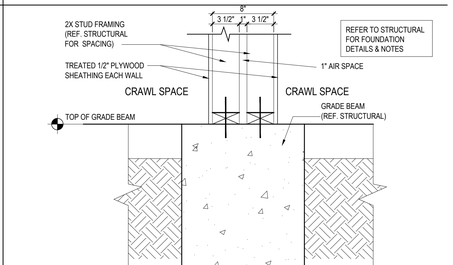
16 FOUNDATION BRICK
SCALE: 1 1/2" = 1'-0"



11 INTERIOR WALL AT FOUNDATION
SCALE: 1 1/2" = 1'-0"



6 1 HR UNIT/BREEZEWAY WALL AT CRAWLSPACE
SCALE: 1 1/2" = 1'-0"



1 1 HR UNIT/SEPARATION WALL AT CRAWLSPACE
SCALE: 1 1/2" = 1'-0"

Designed by:	SB
Drawn by:	PV
Architect of Record:	TD
Date Plotted:	05/21/18

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW
9	05-11-18	ASI 4

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

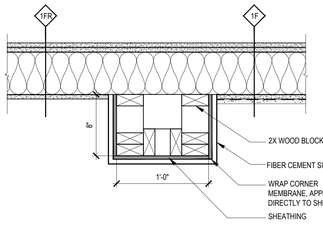
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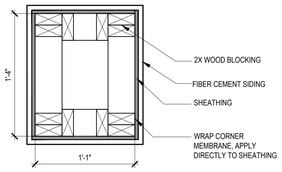
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DETAILS

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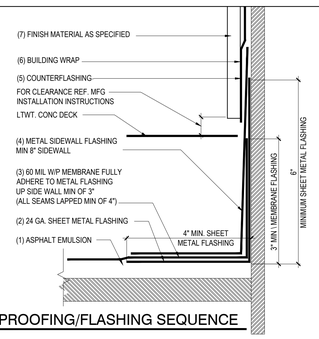
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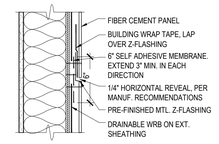
25 COLUMN DETAIL AT BREEZEWAY
SCALE: 1 1/2" = 1'-0"



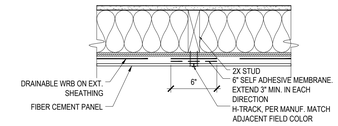
20 COLUMN DETAIL AT CLUBHOUSE
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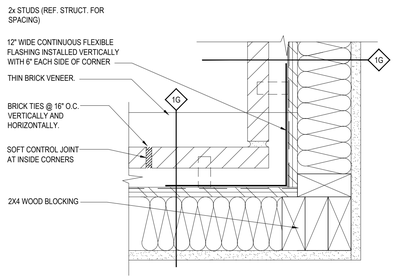
15 WATERPROOFING/FLASHING SEQUENCE
6" = 1'-0"



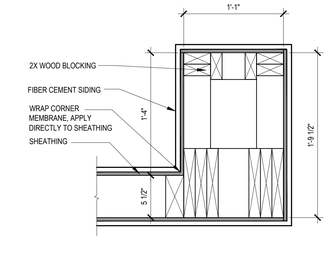
10 FIBER CEMENT PANEL - HORIZONTAL JOINT
SCALE: 1 1/2" = 1'-0"



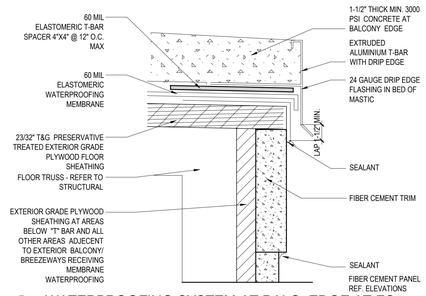
5 FIBER CEMENT PANEL - VERTICAL JOINT
SCALE: 1 1/2" = 1'-0"



24 INSIDE CORNER AT THIN BRICK
SCALE: 3" = 1'-0"



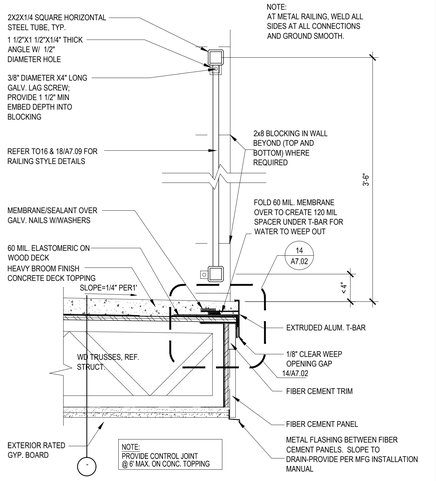
19 COLUMN DETAIL AT CLUBHOUSE
SCALE: 1 1/2" = 1'-0"



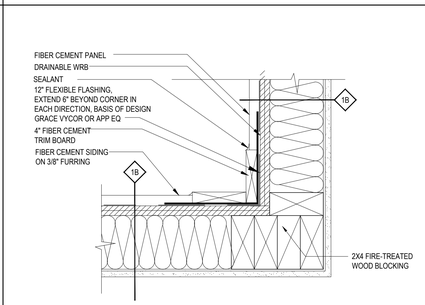
14 WATERPROOFING SYSTEM AT BALC. EDGE AT FC
SCALE: 3" = 1'-0"

NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR RAILINGS WITH ENGINEER'S SEAL. GUARDRAILS SHALL BE DESIGNED TO RESIST A LOAD OF 50 POUNDS PER LINEAR FOOT AND A CONCENTRATED LOAD OF 200 POUNDS APPLIED IN ANY DIRECTION AT THE TOP AND TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE. INTERMEDIATE RAILS SHALL BE DESIGNED TO WITHSTAND A HORIZONTAL LOAD OF 50 POUNDS OVER A 1 SQUARE FOOT AREA. NO PART OF THE GUARDRAIL SHALL ALLOW A SPHERE 4" IN DIAMETER TO PASS THROUGH AN OPENING.

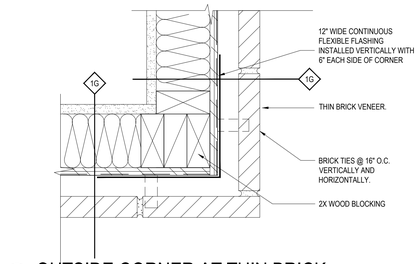
NOTE: REFER TO SHEET A7.04 FOR WATERPROOFING SYSTEM AT BALCONY



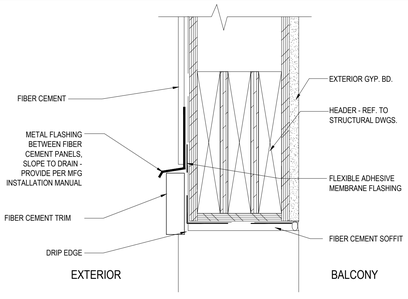
8 BALCONY AT TRUSS & GUARDRAIL DETAIL
SCALE: 1 1/2" = 1'-0"
REF: ELEVATIONS FOR LOCATIONS



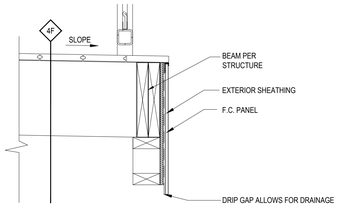
4 INSIDE CORNER AT FIBER CEMENT PANEL
SCALE: 3" = 1'-0"



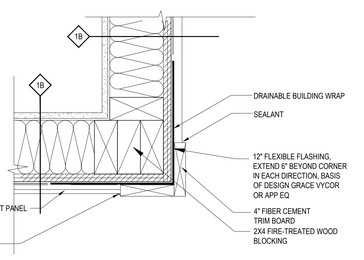
23 OUTSIDE CORNER AT THIN BRICK
SCALE: 3" = 1'-0"



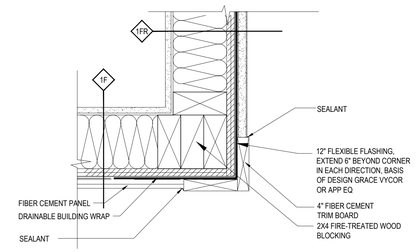
18 OPENING HEAD DETAIL AT FIBER CEMENT
SCALE: 3" = 1'-0"



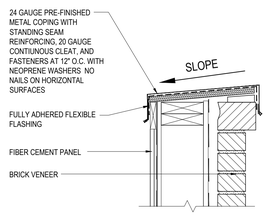
13 BALCONY AT WOOD JOISTS DETAIL
SCALE: 1-1/2" = 1'-0"



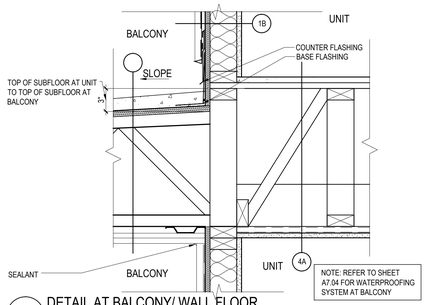
3 OUTSIDE CORNER AT FIBER CEMENT PANEL
SCALE: 3" = 1'-0"



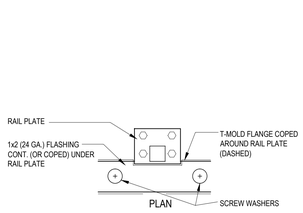
22 OUTSIDE CORNER AT F.C. TO GYP BOARD
SCALE: 3" = 1'-0"



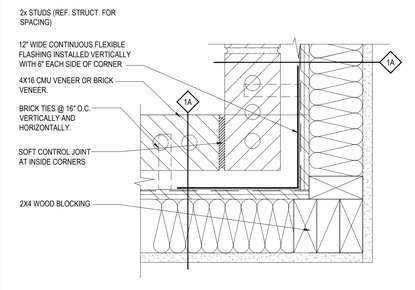
17 COPING DETAIL
SCALE: 1 1/2" = 1'-0"



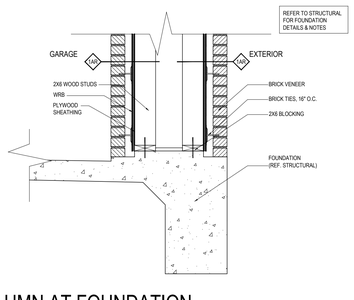
12 DETAIL AT BALCONY/ WALL FLOOR
SCALE: 1 1/2" = 1'-0"



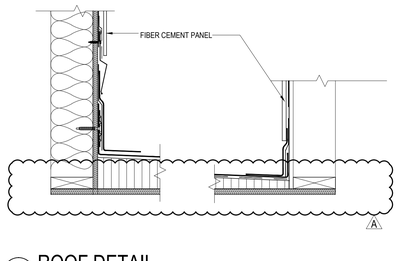
7 RAIL PLATE AT BALCONY EDGE
SCALE: 3" = 1'-0"



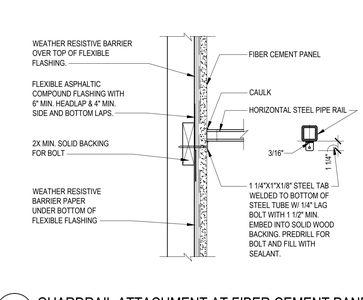
2 INSIDE CORNER AT BRICK
SCALE: 3" = 1'-0"



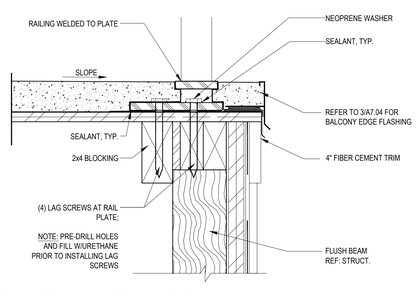
21 COLUMN AT FOUNDATION
SCALE: 3/4" = 1'-0"



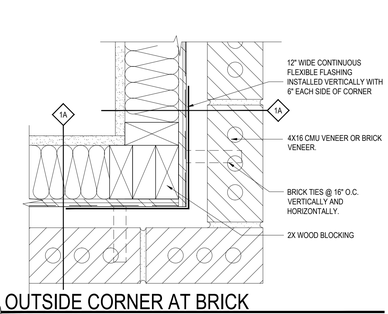
16 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



11 GUARDRAIL ATTACHMENT AT FIBER CEMENT PANEL
SCALE: 1 1/2" = 1'-0"



6 METAL RAIL ATTACHMENT
SCALE: 3" = 1'-0"



1 OUTSIDE CORNER AT BRICK
SCALE: 3" = 1'-0"

PERMIT: 09-02-2016

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
reg. no. 29823
STATE OF LOUISIANA
REGISTERED ARCHITECT

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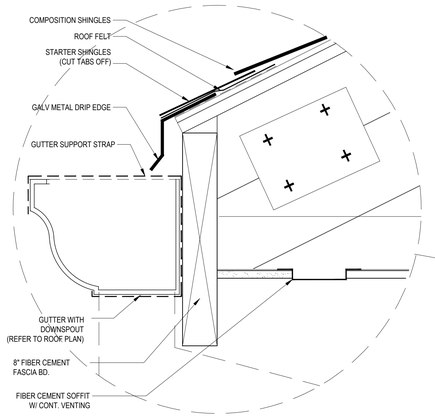
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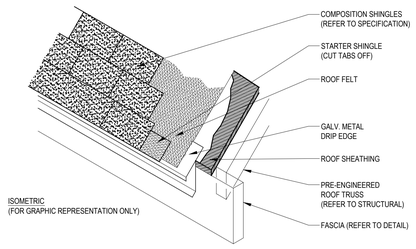
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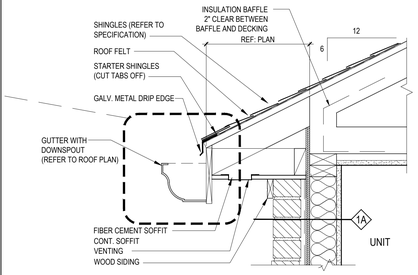
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REF. TO ROOF PLANS FOR GUTTER LOCATIONS

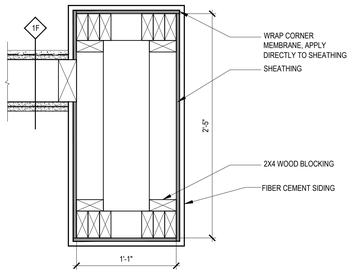
GUTTER/D.S. SUSPPLIER TO VERIFY SIZE REQUIREMENTS



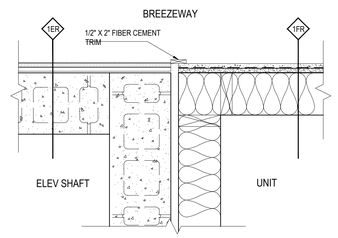




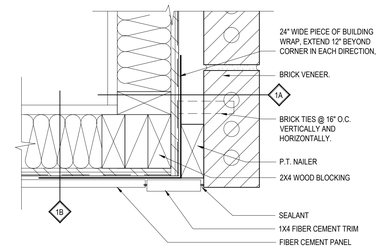
19 DETAIL AT EAVE (SHINGLES)
SCALE: 1 1/2" = 1'-0"



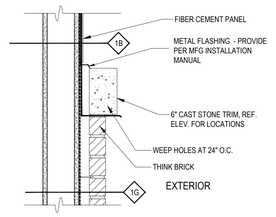
15 COLUMN DETAIL AT CLUBHOUSE
SCALE: 1 1/2" = 1'-0"



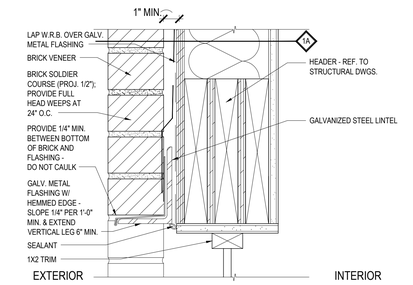
10 MATERIAL TRANSITION AT ELEVATOR
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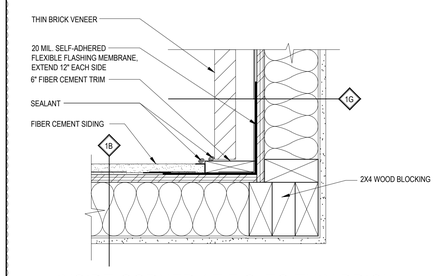
5 OUTSIDE CORNER AT F.C. TO BRICK
SCALE: 3" = 1'-0"



25 CAST STONE TRIM AT REGULAR BRICK
SCALE: 1 1/2" = 1'-0"



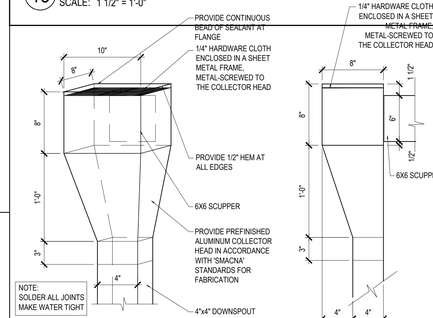
9 FLOOD VENT
SCALE: SCALE: 3" = 1'-0"



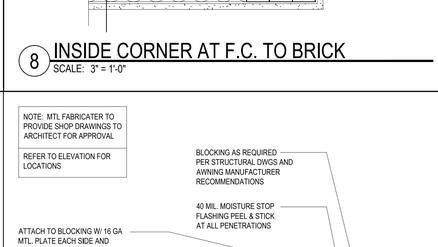
4 INSIDE CORNER AT F.C. TO THIN BRICK
SCALE: 3" = 1'-0"

23 DROP BEAM OVERHANG
SCALE: 1 1/2" = 1'-0"

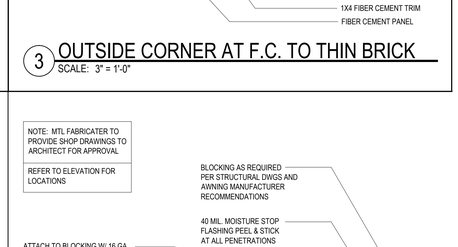
17 DETAIL AT RAKE
SCALE: 1 1/2" = 1'-0"



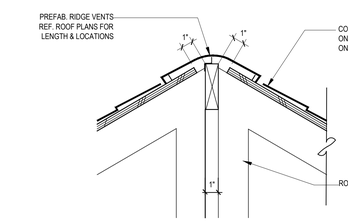
13 OVERFLOW SCUPPER HEIGHT
SCALE: 1 1/2" = 1'-0"



8 INSIDE CORNER AT F.C. TO BRICK
SCALE: 3" = 1'-0"

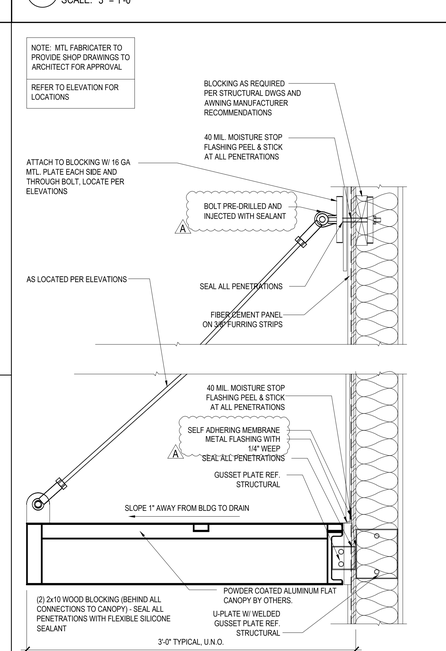


3 OUTSIDE CORNER AT F.C. TO THIN BRICK
SCALE: 3" = 1'-0"

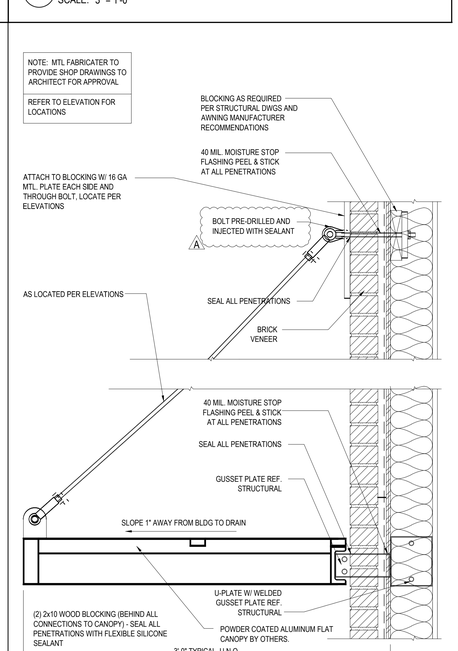


22 DETAIL AT RIDGE (SHINGLE)
SCALE: N.T.S.

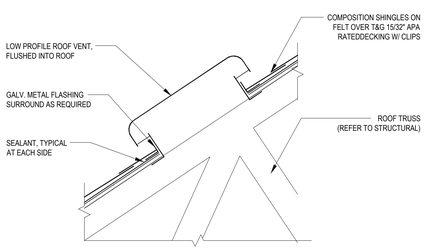
12 RAIN WATER COLLECTOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



6 PRE-FAB DECORATIVE METAL CANOPY AT F.C. PANEL
SCALE: 1 1/2" = 1'-0"

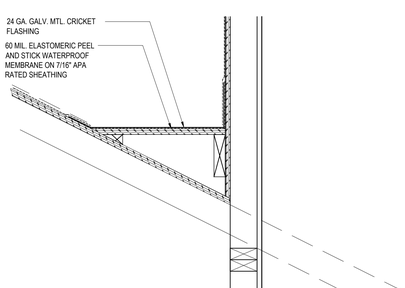


1 PRE-FAB DECORATIVE METAL CANOPY AT BRICK
SCALE: 1 1/2" = 1'-0"



21 DETAIL AT ROOF VENT
SCALE: 1 1/2" = 1'-0"

16 DETAIL AT ROOF VALLEY
SCALE: 1 1/2" = 1'-0"



11 DETAIL AT CRICKET
SCALE: 1 1/2" = 1'-0"

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
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Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSADIER
reg. no. 19870
STATE OF LOUISIANA
REGISTERED ARCHITECT

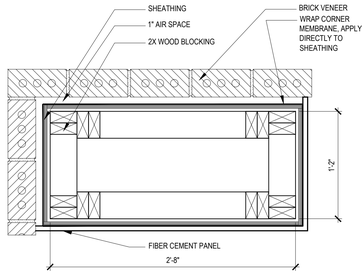
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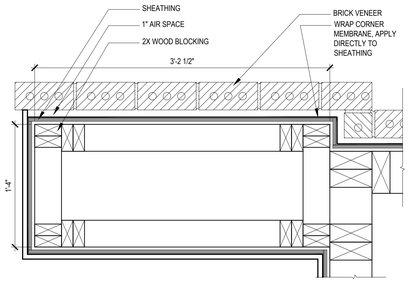
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A7.03

PERMIT: 09-02-2016

15557



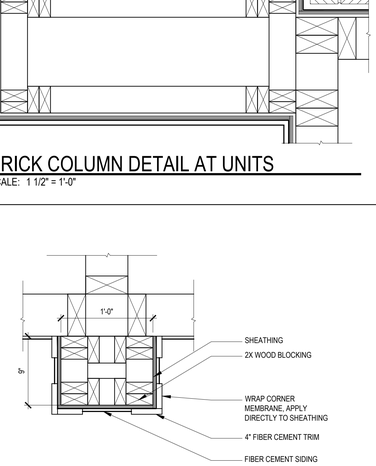
25 BRICK COLUMN DETAIL AT UNITS
SCALE: 1 1/2" = 1'-0"



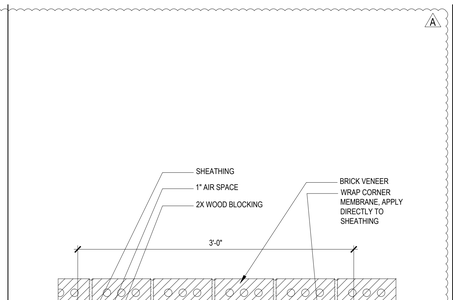
24 BRICK COLUMN DETAIL AT UNITS
SCALE: 1 1/2" = 1'-0"

23 F.C. COLUMN DETAIL AT GARAGE
SCALE: 1 1/2" = 1'-0"

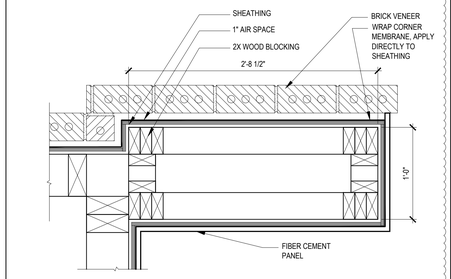
22 RAILING CONNECTION TO ROOF
N.T.S.



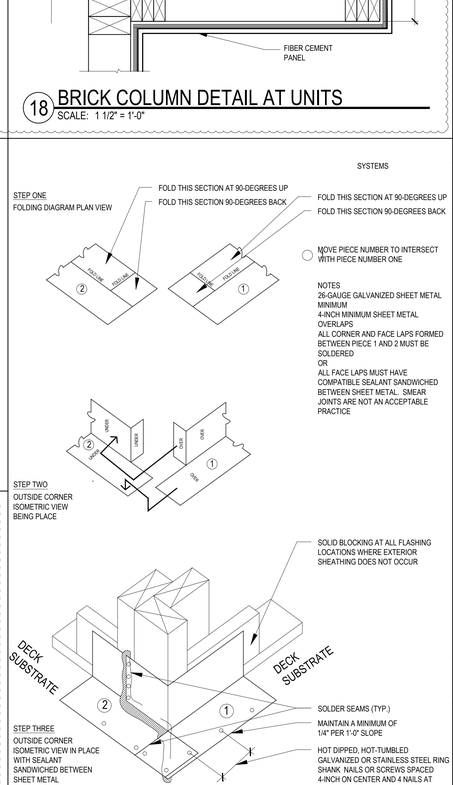
21 F.C. COLUMN DETAIL AT GARAGE
SCALE: 1 1/2" = 1'-0"



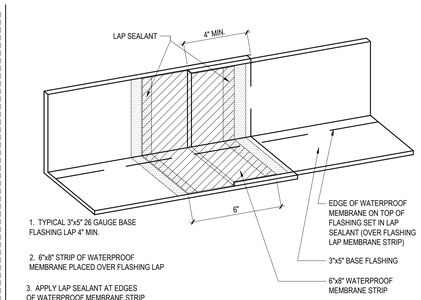
19 BRICK COLUMN DETAIL AT UNITS
SCALE: 1 1/2" = 1'-0"



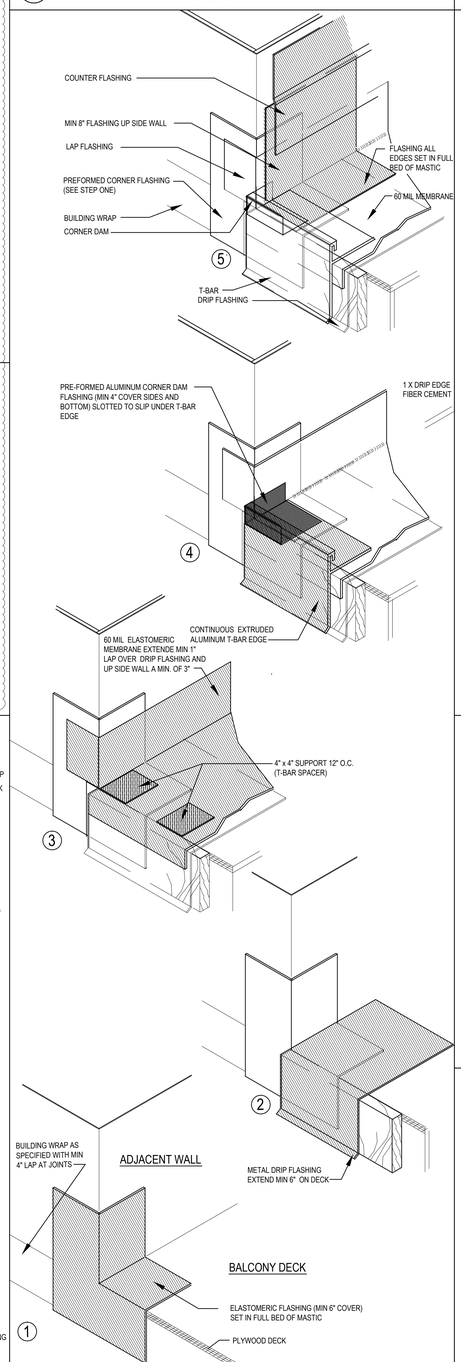
18 BRICK COLUMN DETAIL AT UNITS
SCALE: 1 1/2" = 1'-0"



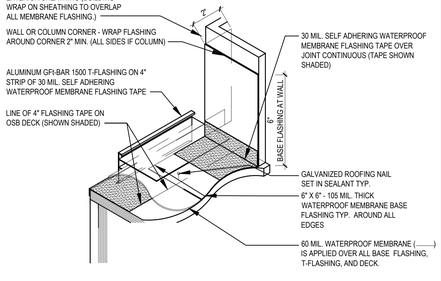
16 FLASHING DETAIL @ OUTSIDE CORNER
N.T.S. METAL FLASHING CONDITION



15 FLASHING LAP
3" = 1'-0" METAL FLASHING CONDITION

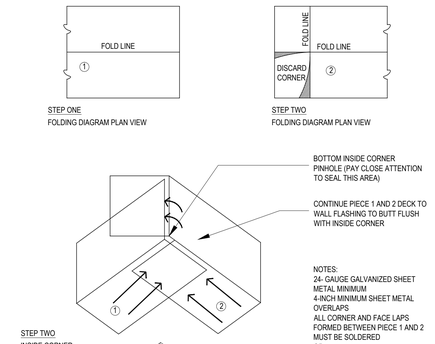


11 TYPICAL BALCONY CORNER FLASHING SEQUENCE
N.T.S

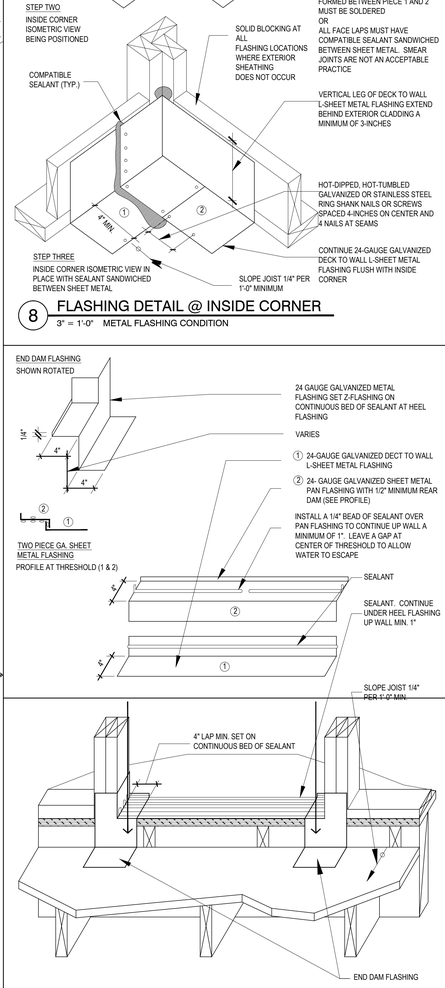


10 T-BAR @ WALL
N.T.S.

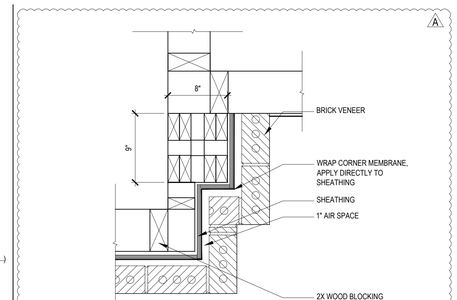
NOTE: LAP AND SEAL ALL MEMBRANE TO MEMBRANE EDGES. LAP AND SEAL ALL FLASHING TO FLASHING EDGES.



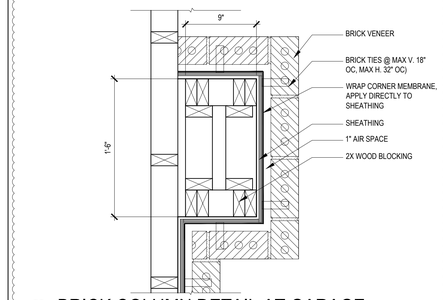
8 FLASHING DETAIL @ INSIDE CORNER
3" = 1'-0" METAL FLASHING CONDITION



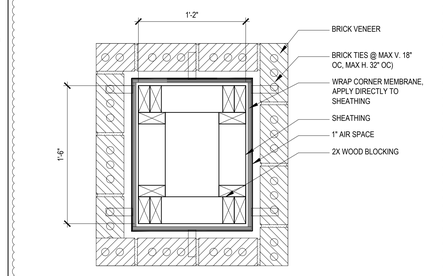
6 TYPICAL DOOR ENTRY FLASHING AT BALCONY
N.T.S



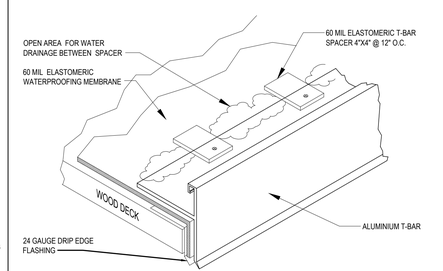
5 BRICK COLUMN DETAIL AT GARAGE
SCALE: 1 1/2" = 1'-0"



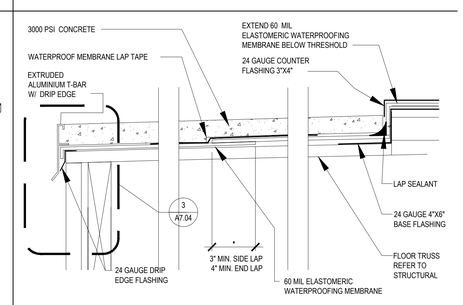
4 BRICK COLUMN DETAIL AT GARAGE
SCALE: 1 1/2" = 1'-0"



3 BRICK COLUMN DETAIL AT GARAGE
SCALE: 1 1/2" = 1'-0"



2 WATERPROOFING SYSTEM AT BALCONY (ISOMETRIC)
SCALE: 3" = 1'-0"



1 WATERPROOFING SYSTEM AT BALCONY
SCALE: 3" = 1'-0"

Designed by:	SB
Drawn by:	PV
Architect of Record:	TD
Date Plotted:	12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

JAMES A. DRINKWATER
NUMBER 7042
REGISTERED
ARCHITECT
STATE OF LOUISIANA

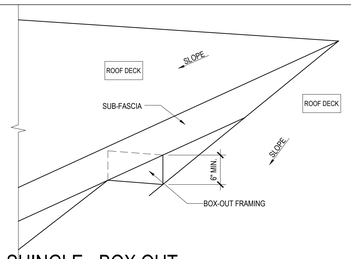
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ARCHITECTS / LOUISIANA, LLC
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PERMIT: 09-02-2016

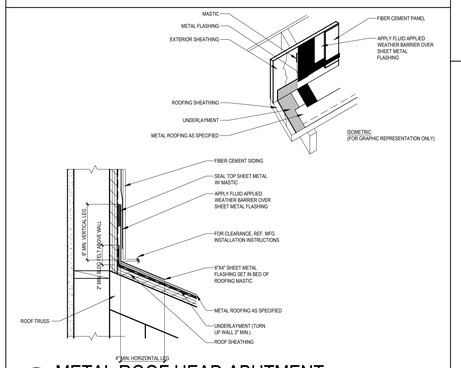
SHEET CONTENTS:
DETAILS

SHEET NO.
A7.04

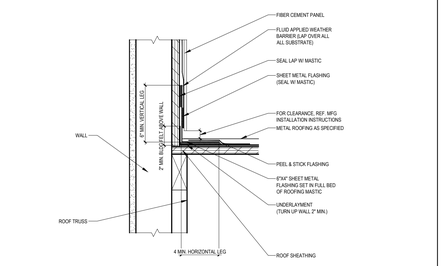
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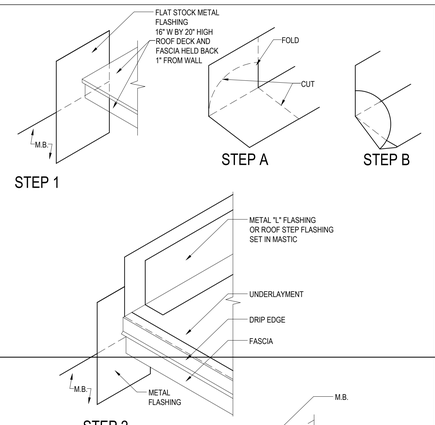
25 SHINGLE - BOX OUT
SCALE: 1" = 1'-0"



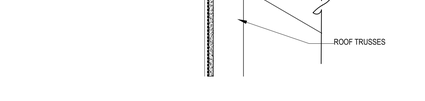
24 METAL ROOF HEAD ABUTMENT
SCALE: 1 1/2" = 1'-0"



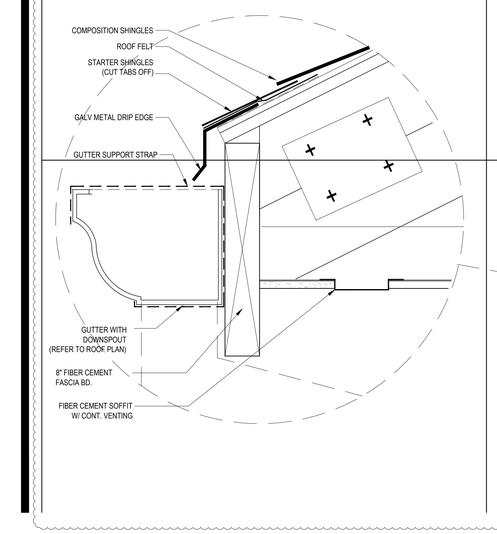
23 METAL ROOF RAKE ABUTMENT
SCALE: 1 1/2" = 1'-0"

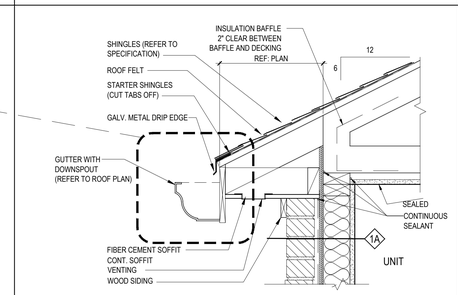


19 SHINGLE ROOF - DIVERTER AT EAVE
SCALE: 1 1/2" = 1'-0"

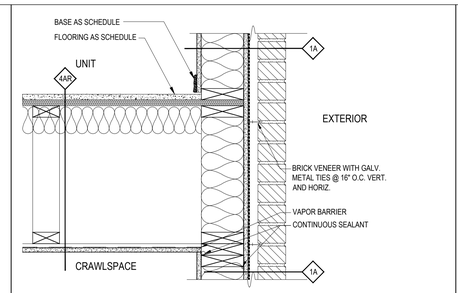


18 RIDGE DETAIL AT ROOF WELL
SCALE: 1 1/2" = 1'-0"





16 AIR BARRIER AT TOP OF EXTERIOR WALL
SCALE: 1 1/2" = 1'-0"

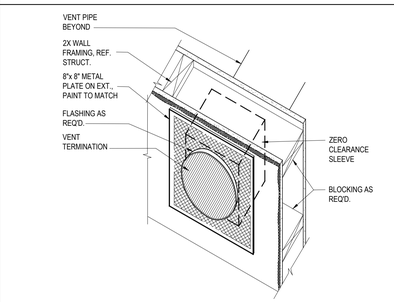


15 AIR BARRIER AT BOTTOM OF EXT. WALL
SCALE: 1 1/2" = 1'-0"

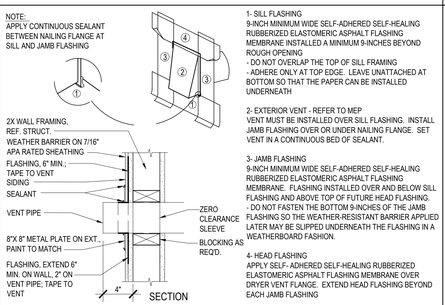
NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR RAILINGS WITH ENGINEER'S SEAL. GUARDRAILS SHALL BE DESIGNED TO RESIST A LOAD OF 50 POUNDS PER LINEAR FOOT AND A CONCENTRATED LOAD OF 200 POUNDS APPLIED IN ANY DIRECTION AT THE TOP AND TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE. INTERMEDIATE RAILS SHALL BE DESIGNED TO WITHSTAND A HORIZONTAL LOAD OF 50 POUNDS OVER A 1 SQUARE FOOT AREA. NO PART OF THE GUARDRAIL SHALL ALLOW A SPHERE 4" IN DIAMETER TO PASS THROUGH AN OPENING.

NOTE: REFER TO SHEET A7.04 FOR WATERPROOFING SYSTEM AT BALCONY

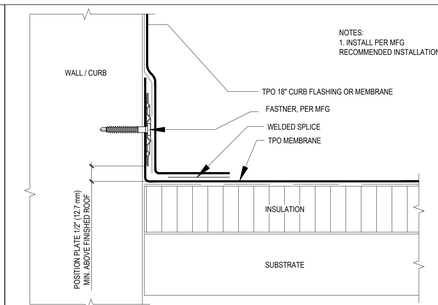
13 BALCONY AT TRUSS & GUARDRAIL DETAIL
SCALE: 1 1/2" = 1'-0" AT CRAWLSPACE



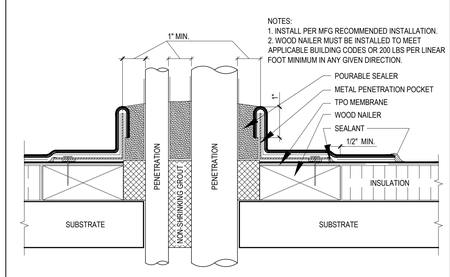
12 DRYER VENT PENETRATION - ISOMETRIC
SCALE: N.T.S.



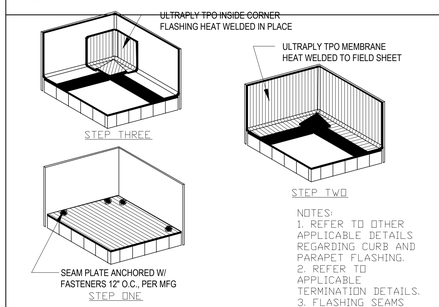
11 DRYER VENT PENETRATION - SECTION
SCALE: N.T.S.



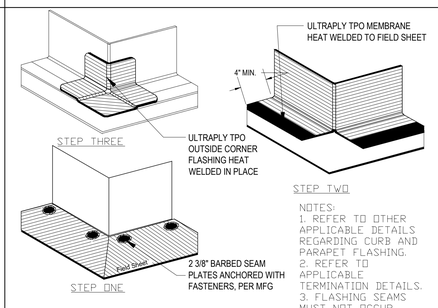
10 DETAIL AT PARAPET WALL TO FLAT ROOF
SCALE: N.T.S.



9 PIPE PENETRATION AT FLAT ROOF
SCALE: N.T.S.

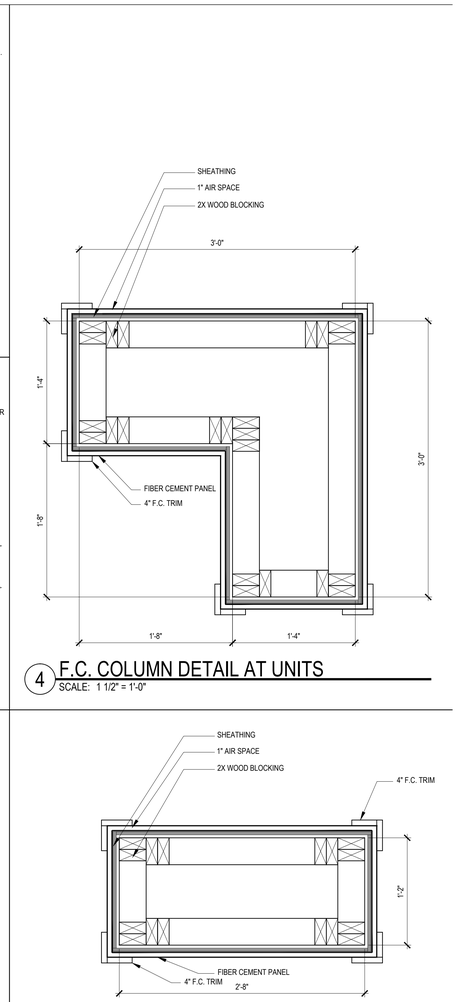


8 FLAT ROOF AT INSIDE CORNER
SCALE: N.T.S.



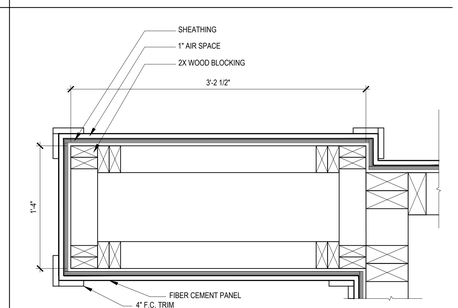
7 FLAT ROOF AT OUTSIDE CORNER
SCALE: N.T.S.

6 ROOF HATCH DETAIL
SCALE: 1" = 1'-0"

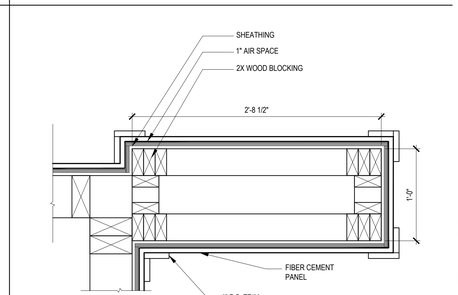


4 F.C. COLUMN DETAIL AT UNITS
SCALE: 1 1/2" = 1'-0"

3 F.C. COLUMN DETAIL AT UNITS
SCALE: 1 1/2" = 1'-0"



2 F.C. COLUMN DETAIL AT UNITS
SCALE: 1 1/2" = 1'-0"



1 F.C. COLUMN DETAIL AT UNITS
SCALE: 1 1/2" = 1'-0"

Designed by: SB
Drawn by: PV
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
A	12/30/2016	HPA REVIEW

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THE LOFTS AT CANTERBURY
301 SPARTAN DRIVE
SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
Reg. No. 7562
PROFESSIONAL ENGINEER
STATE OF LOUISIANA
NOT VALID WITHOUT RAISED SEAL

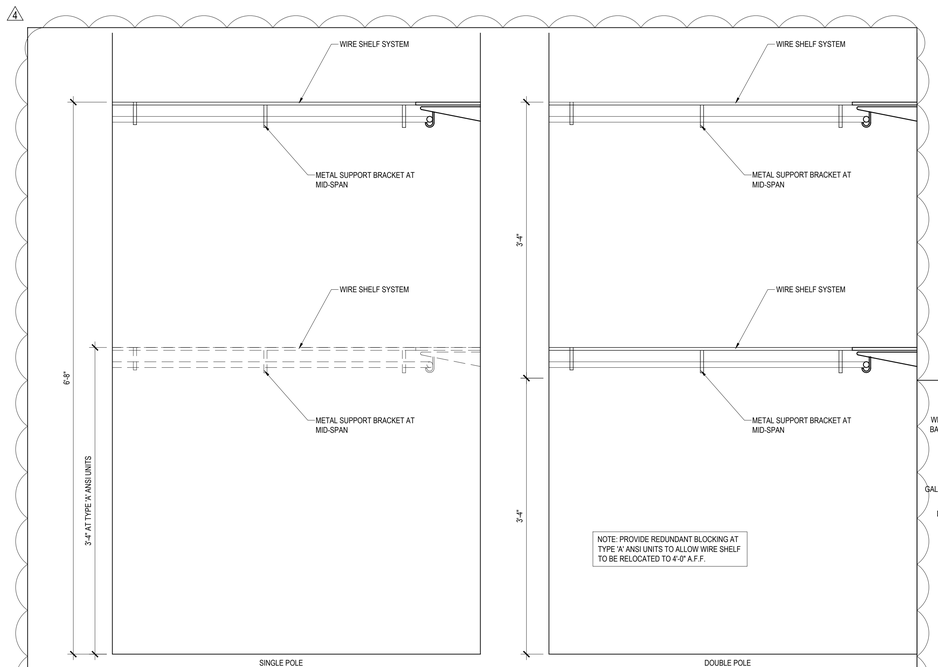
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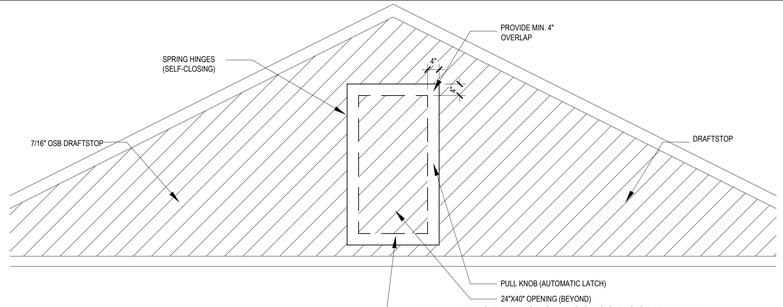
SHEET CONTENTS:
DETAILS

SHEET NO.
A7.05

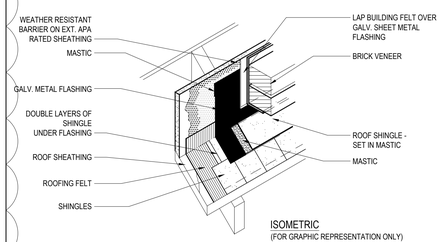
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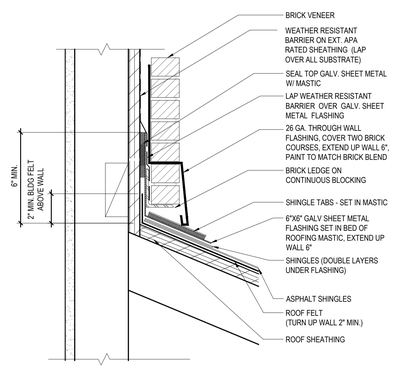
3 TYPICAL SHELF AND CLOTHES ROD
SCALE: 1 1/2" = 1'-0"



2 ATTIC DRAFSTOP ACCESS DOOR DETAIL
SCALE: 1 1/2" = 1'-0"



ISOMETRIC
(FOR GRAPHIC REPRESENTATION ONLY)



1 DETAIL AT ROOF/WALL - BRICK
SCALE: 1 1/2" = 1'-0"

PERMIT: 09-02-2016

Designed by: SB
Drawn by: NP
Architect of Record: TD
Date Plotted: 12/30/16

Issue for Pricing / Bidding:	09/02/16
Issue for Permit Application:	09/02/16
Issue for Construction	XX/XX/XX

Revisions:

#	DATE	COMMENTS
3	11/10/2017	ASI 1
4	12/08/2017	ASI 2

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SLIDELL, LOUISIANA
LOFTS AT CANTERBURY, LLC

TANYA A. DeSANDRO
Reg. No. 31917
STATE OF LOUISIANA
REGISTERED ARCHITECT

HUMPHREYS & PARTNERS
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SHEET CONTENTS:
DETAILS

SHEET NO.
A7.06 3

15557

ARCHITECTURAL SHEET CHANGE LIST

REVISION 1 9/22/17

A0.00:

- Print record

A0.01:

- Updated print list

ASP.1:

- Located transformer pads, added riser room and meter spiral stairs

A1.05:

- Revised assemblies 2B, 2D, 1D, 1E & 1ER from concrete walls at the elevator to wood

A1.06:

- Added testing number for wood wall elevator assembly

A3.11:

-Added spiral stairs and platforms to meter areas and riser rooms

-Adjusted elevator and stair size

-Added 2hr fire barrier to symbol legend

A3.12:

-Adjusted elevator size

-Added 2hr fire barrier to symbol legend

A3.13:

-Adjusted elevator size

-Added 2hr fire barrier to symbol legend

A3.14:

-Added spiral stairs and platforms to meter areas and riser rooms

-Adjusted elevator and stair size

-Added 2hr fire barrier to symbol legend

A3.14a:

-Added spiral stairs and platforms to meter areas and riser rooms

-Adjusted elevator and stair size

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Tanya DeSandro, Architect
603 Julia Street • New Orleans, LA 70130
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-Added 2hr fire barrier to symbol legend

A3.15:

-Adjusted elevator size

-Added 2hr fire barrier to symbol legend

A3.15a:

-Adjusted elevator size

-Added 2hr fire barrier to symbol legend

A3.16:

-Adjusted elevator size

-Added 2hr fire barrier to symbol legend

A3.16a:

-Adjusted elevator size

-Added 2hr fire barrier to symbol legend

A3.17:

-Added spiral stairs and platforms to meter areas and riser rooms

-Adjusted elevator and stair size

-Added 2hr fire barrier to symbol legend

A3.17a:

-Added spiral stairs and platforms to meter areas and riser rooms

-Adjusted elevator and stair size

-Added 2hr fire barrier to symbol legend

A3.18:

-Adjusted elevator size

-Added 2hr fire barrier to symbol legend

A3.19:

-Adjusted elevator size

-Added 2hr fire barrier to symbol legend

A3.31:

-Raised riser room and meter platforms to the first level

-Spiral stairs added

A3.32:

-Raised riser room and meter platforms to the first level

-Spiral stairs added

A3.32a:

-Raised riser room and meter platforms to the first level

-Spiral stairs added

A3.33:

-Raised riser room and meter platforms to the first level

-Spiral stairs added

A6.10:

-Stairs revised to accommodate larger elevator.

A6.90:

-Elevator details revised to reflect wood framing.

A6.91:

-Elevator plans revised for larger elevator

-Elevator section revised from CMU to wood framing

A6.92:

-Elevator plans revised for larger elevator

-Elevator section revised from CMU to wood framing

A6.92a:

-Elevator plans revised for larger elevator

-Elevator section revised from CMU to wood framing

A6.93:

-Elevator plans revised for larger elevator

-Elevator section revised from CMU to wood framing

REVISION 2-RFI 27 10/16/17

A2.01:

-Updated unit door schedule, removed unused door elevations

A2.03:

-Updated door schedule, removed unused door elevations

A3.17b:

-Revised door and window tag near Club/Lounge and Mech

Humphreys & Partners Architects/Louisiana, L.L.C.
Tanya DeSandro, Architect
603 Julia Street • New Orleans, LA 70130
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ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS (ASI): No. 002

Attention: Chris Crain, Herman & Kittle Properties Inc.

Date issued: 01/03/2018

Name of project: Canterbury Lofts

Project job number: 14238

This ASI is submitted to the General Contractor for instruction for remedial work required in order to fulfill the requirements of the Contract Documents and to direct changes in the Work for no material effect on CONTRACT SUM or TIME. If Contract Sum or Time is affected, contact Architect's Office immediately for further instructions and disposition of the following information.

Reference:

Revision 4-ASI 2 drawings dated 12.08.2017 including 21 Sheets:

A0.02, ASP.1, LS1.02c, A1.05, A3.14a, A3.17b, A3.21, A3.22, A3.22a, A3.23, A4.20, A4.21, A5.11, A5.21, A5.31, A5.31a, A7.06, S2-1, S2-1A, SD-3A, SD1-1

See attachments for sheet change descriptions

Subject: ASI #1 includes sheets replotted for line type and font legibility. Wall sections and structural plans were revised to provide better coordination of the Building Type II and IIA garage areas. Unit plans were replotted to include ADA turn space clearance. Unit C1 was revised to provide better functionality and use of space of the bathrooms and kitchen areas. Details were added for draftstop access and closets.

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Revision 4-ASI 2
12.08.2017
Sheet Changes
ARCHITECTURAL

A0.02:
-Replotted for font legibility.

ASP.1:
-Replotted to revise viewport clip.

LS1.02c:
-Replotted to revise viewport clip.

A1.05:
-Replotted for font legibility.

A3.17b:
-Revised bathroom room labels.

A3.21:
-Replotted for font legibility.

A3.22:
-Replotted for font legibility.

A3.22a:
-Replotted for font legibility.

A3.23:
-Replotted for font legibility.

A4.20:
-Wall sections revised to coordinate with structural at garage areas.

A4.21:
-Wall sections revised to coordinate with structural at garage areas.

A5.11:
-ADA turn space clearance added to bathroom.

A5.21:
-ADA turn circles added.

A5.31:
-Unit plan revised to provide ADA clearances at bathrooms, kitchen enlarged and sink relocated to be next to dishwasher, walk in closet relocated to use space more efficiently at Bedroom 3.

A5.31a:
-Unit plan revised to provide ADA clearances at bathrooms, kitchen enlarged and sink relocated to be next to dishwasher, walk in closet relocated to use space more efficiently at Bedroom 3.

A7.06:
-Attic draftstop access door and typical shelf and clothes rod details added.

STRUCTURAL

S2-1:
-Detail tag relocated.

S2-1A:
-Foundation plan added for Building IIA.

S2-3A:
-First floor bracing and second floor framing plan added for Building IIA.

SD1-1:
-Detail revised to eliminate curb at garages.