

# LAFITTE HOUSING PROJECT

NEW ORLEANS, LOUISIANA

Michael Willis Architects



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BID SET  
OCTOBER 1, 2008

REVISIONS

MARK NUMBER DATE

TREME/LAFITTE AND TULANE/GRAVIER HOME BUILDING PLAN  
NEW ORLEANS, LOUISIANA  
PROVIDENCE COMMUNITY HOUSING & ENTERPRISE HOMES INC.

ISSUE DATE: 10/1/08

SCALE

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DRAWN XX,XX

CHECKED JT

ELECTRONIC CAD FILENAME  
D1 COVER.DWG

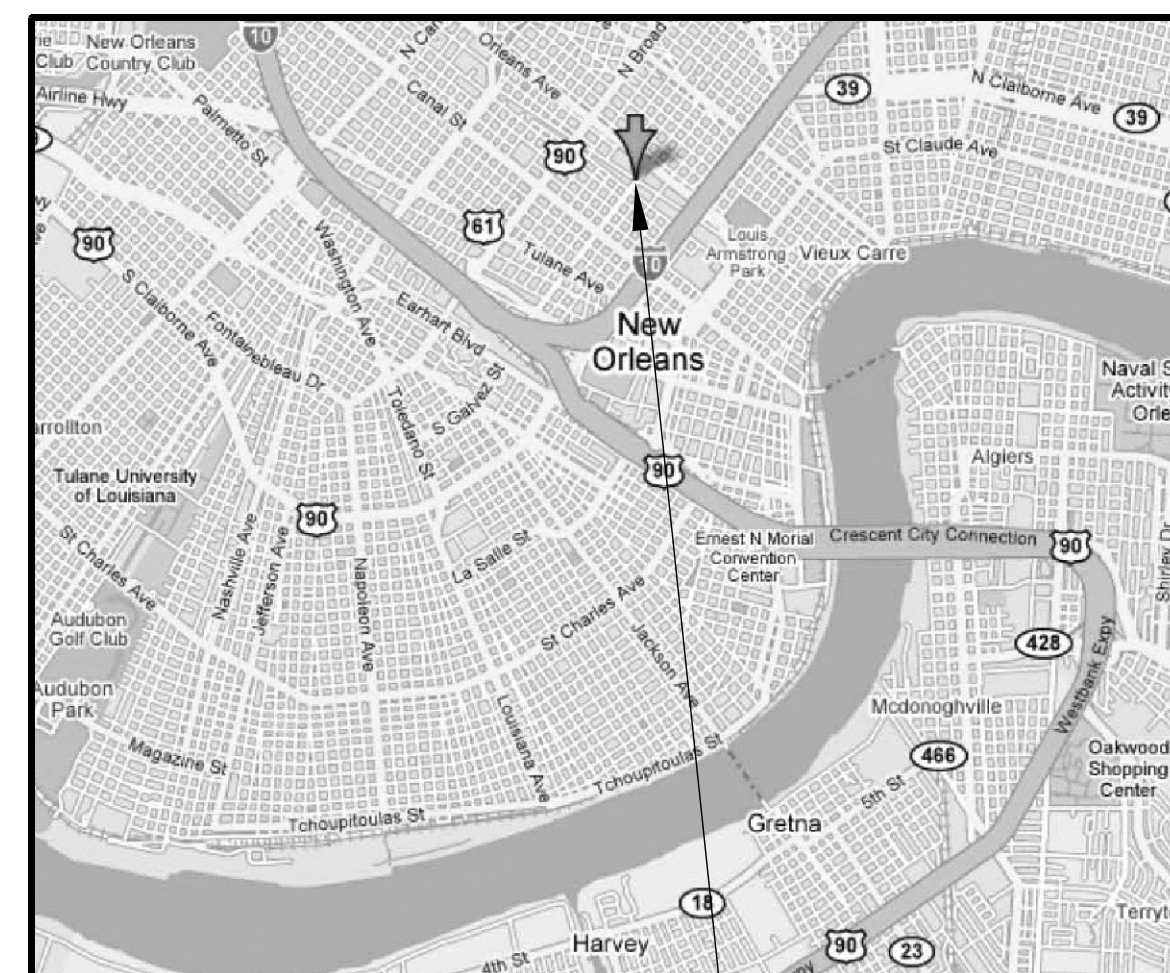
PROJECT JOB NUMBER  
200807

DRAWING TITLE  
D1 COVER SHEET

SHEET NUMBER

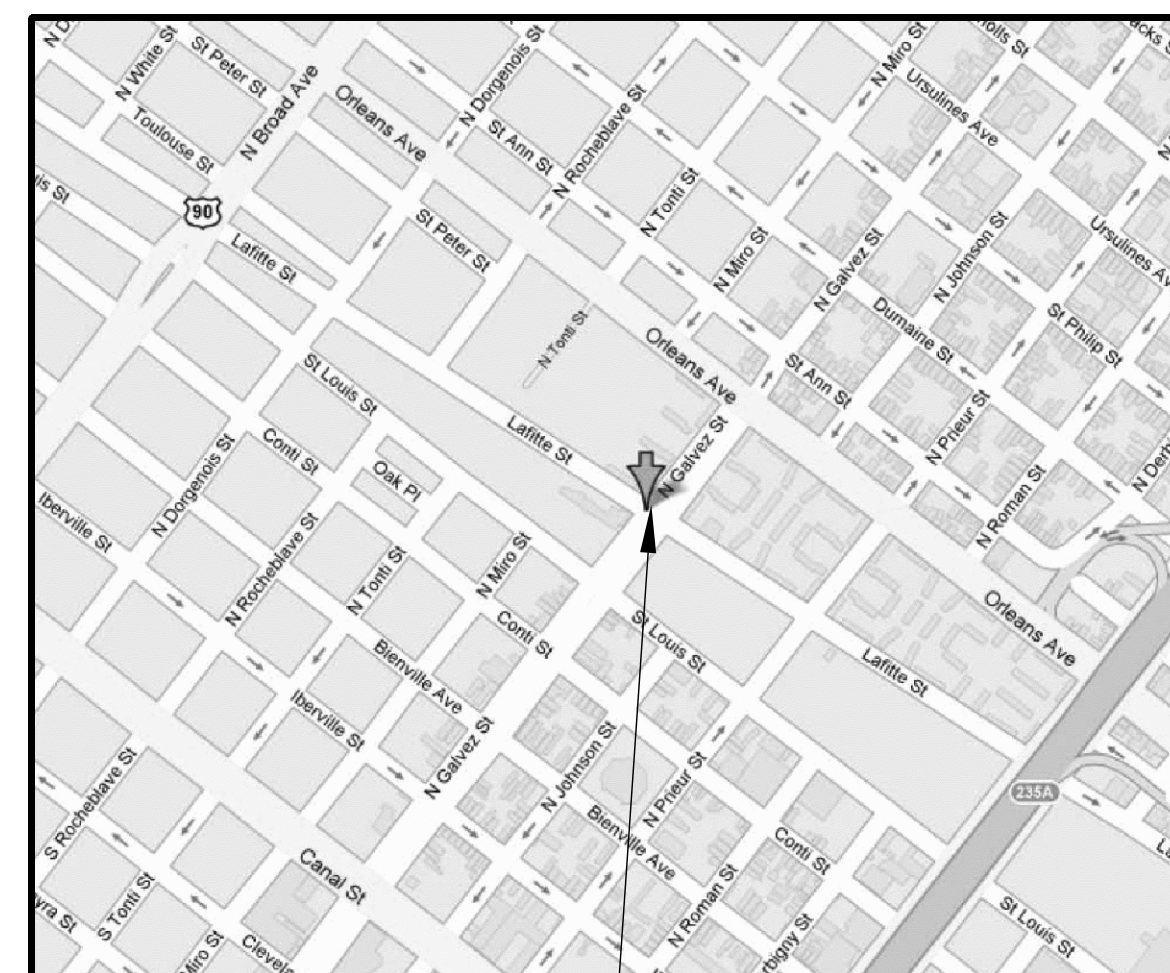
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PLOT DATE 10/13/2008 11:56AM



PROJECT LOCATION

CITY MAP



PROJECT LOCATION

VICINITY MAP

## CODE DATA

### I. APPLICABLE CODES

- A. BUILDING CODE OF THE CITY OF NEW ORLEANS, LOUISIANA
- B. 2006 INTERNATIONAL BUILDING CODE
- C. 2006 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO-FAMILY DWELLINGS
- D. 2006 INTERNATIONAL MECHANICAL CODE
- E. 2006 INTERNATIONAL FUEL GAS CODE
- F. 2005 NATIONAL ELECTRICAL CODE
- G. 2000 LOUISIANA STATE PLUMBING CODE

### II. BUILDING SUMMARY

- A. CONSTRUCTION CLASSIFICATION: TYPE V-B (SECTION 602 IBC)  
DETACHED ONE FAMILY DWELLING (310 IBC)  
PRIMARY STRUCTURE IS WOOD FRAME CONSTRUCTION ON PILE AND RAISED MASONRY FOUNDATION
- B. BUILDING DESCRIPTION:  
2 LEVELS OF RESIDENTIAL SINGLE-FAMILY DWELLING
- C. BUILDING OCCUPANCY CLASSIFICATION: RESIDENTIAL SINGLE FAMILY DWELLING
- D. ALLOWED HEIGHT: 40FT., 3-STORIES (503 IBC)
- E. ALLOWABLE SQUARE FEET PER FLOOR: UNLIMITED

USE	CLASSIFICATION
ONE FAMILY DWELLING UNIT	R-3

### III. FIRE PROTECTION/LIFE SAFETY FEATURES

- A. ONE HOUR RATED WHERE EXTERIOR WALLS ARE LESS THAN 5 FEET FROM A PROPERTY LINE
- B. VENTED CRAWL SPACE

## PROJECT TEAM

### CLIENT OWNER

ENTERPRISE HOMES  
0227 WINCOPIN CIRCLE  
AMERICAN CITY BUILDING  
COLUMBIA, MD 21044  
TEL: (410) 332-7400  
FAX: (410) 230-2129  
CONTACT: CHRISTINE MADIGAN

ENTERPRISE HOMES  
1050 S. JEFFERSON DAVID PKWY, SUITE 301  
NEW ORLEANS, LA 70125  
TEL: (504) 821-7244  
FAX: (504) 821-7213  
CONTACT: MATT MORIN

PROVIDENCE COMMUNITY HOUSING  
1050 S. JEFFERSON DAVID PKWY, SUITE 301  
NEW ORLEANS, LA 70125  
TEL: (504) 821-7224  
FAX: (504) 821-7213

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MICHAEL WILLIS ARCHITECTS  
301 HOWARD STREET, SUITE 500  
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TEL: (415) 957-2750  
FAX: (415) 957-2780  
CONTACT: JEFF TUSING

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CONTACT: DON KALISZEWSKI

### STRUCTURAL ENGINEER FOR FOUNDATION DESIGN

KULKARNI CONSULTANTS  
3100 KINGMAN BLVD.  
METAIRIE, LA 70113  
TEL: (504) 887-3100  
FAX: (504) 887-5515  
CONTACT: SUBHASH KULKARNI

### STRUCTURAL ENGINEERS

INGRAHAM DEJESSE ASSOCIATES  
1629 TELEGRAPH AVE, SUITE 300  
OAKLAND, CA 94612  
TEL: (510) 834-1629 X102  
FAX: (510) 836-1629  
CONTACT: STEVE DEJESSE

### ELECTRICAL ENGINEER

BHATIA ASSOCIATES  
120 MONTGOMERY STREET SUITE 1260  
SAN FRANCISCO, CA 94104  
TEL: (415) 646-0050  
FAX: (415) 646-0063  
CONTACT: STEVE JOHNSON

### MECHANICAL ENGINEERS

MHC ENGINEERS  
150 8TH STREET  
SAN FRANCISCO, CA 94103  
TEL: (415) 512-7141  
FAX: (415) 512-7120  
CONTACT: JOE G. ACOSTA, JR

## BUILDING D1 SHEET INDEX

		DATE	ISSUE		
		10/1/2008	BID SET		
		9/2/2008	PERMIT SET		
SHEET	NO	CONTENTS			
<b>ARCHITECTURAL DRAWING</b>					
A000	1	D1 COVER SHEET		X	X
A001	2	PROJECT DATA		X	X
A100	3	D1 FLOOR PLANS		X	X
A101	4	D1 FOUNDATION AND ROOF PLANS		X	X
A200	5	D1 ELEVATIONS		X	X
A210	6	D1 INTERIOR ELEVATIONS		X	X
A300	7	D1 SECTIONS		X	X
A310	8	D1 WALL SECTIONS		X	X
<b>STRUCTURAL DRAWINGS</b>					
S001	9	GENERAL NOTES		X	X
S100-D1	10	1F, 2F, & ROOF FRAMING PLANS		X	X
S301	11	LOADING DIAGRAMS		X	X
<b>STRUCTURAL FOUNDATION DRAWINGS</b>					
SF101	12	FOUNDATION PLAN		X	X
<b>MECHANICAL, ELECTRICAL, &amp; PLUMBING DRAWINGS</b>					
M-001 D1	13	NOTES, LEGEND & SCHEDULE		X	X
M-100 D1	14	MECHANICAL PLAN		X	X
P0	15	NOTES, LEGEND & SCHEDULE		X	X
P1	16	WASTE / VENT PLAN		X	X
P2	17	HW / CW / G PLAN		X	X
E107	18	GENERAL NOTES		X	X
E207	19	FLOOR ELECTRICAL PLANS		X	X

PLOT DATE 10/13/2008 11:56AM



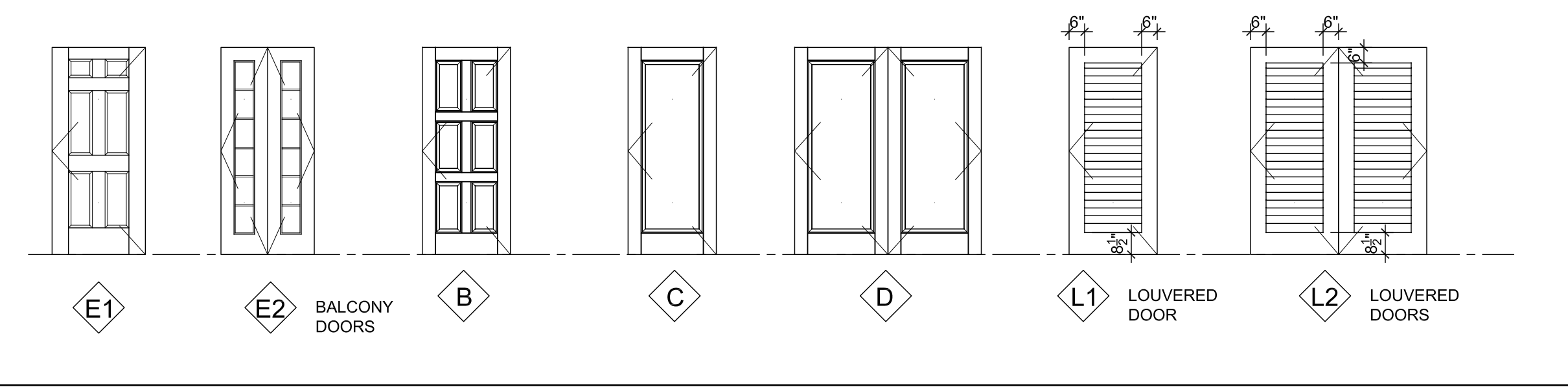
SHEET NOTES

- ALL EXTERIOR WALL DIMENSIONS ARE TO FACE OF OUTERMOST SHEATHING, U.O.N.
- ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF STUD, U.O.N.
- FOR PARTITION AND WALL TYPES SEE DETAILS A510-001 TO 020
- UNLESS DIMENSIONED, INTERIOR DOORS ARE EITHER SPACED FROM CORNERS PER A550-502 OR CENTERED ON WALL
- SEE A560-521 FOR TYPICAL SHELVING DETAIL.
- FOR SHEAR WALL LOCATIONS S.S.D
- FOR REFLECTED CEILING PLAN S.E.D.
- ALL INTERIOR PARTITIONS TO BE A1 U. O. N.
- FOR ACCESSIBLE MOUNTING HEIGHTS AND CLEARANCES OCCURRING ONLY @ F1, J6, J8, K6 SEE 1/A210
- PROVIDE PLY/WD. FURRING AS REQUIRED TO FLUSH GYP. BD. AT SHEAR WALLS.
- NOTE: SEE A101 FOR DOOR & FINISH SCHEDULES IF NOT SHOWN ON THIS DRAWING

LEGEND

- FIRE RATED WALLS
- DROPPED CEILING

DOOR TYPES



D1 DOOR TYPES  
1/4" = 1'-0"

DOOR NO.	ROOM NAME	LEAF MTL	TYPE	SIZE	THK	FRAME MTL	HEAD	JAMB	SILL	HDW GROUP	RATING	NOTES
E1	FOYER	FG	E1	3'-0" x 6'-8"	1-3/4"	PINE	A550-202&203	A550-205	A550-002	1	NONE	SOLID FG PANEL DOOR
E1 @ REAR	LIVING	FG	E1	3'-0" x 6'-8"	1-3/4"	PINE	A550-206	A550-201	A550-002	2	NONE	SOLID FG PANEL DOOR
E2	BALCONY	FG/GL	E2	3'-0" x 8'-0" PR	1-3/4"	PINE	A550-207	A550-208	A550-207	6	NONE	SOLID FG WITH INSULATED GLASS
B1	BATH	MDF	B	2'-8" x 6'-8"	1-3/8"	PINE	A550-501	A550-502	A550-501	3	NONE	
B2	BEDROOM	MDF	B	2'-8" x 6'-8"	1-3/8"	PINE	A550-501	A550-502	A550-501	3	NONE	
C1	CLOSET	MDF	C	2'-8" x 6'-8"	1-3/8"	PINE	A550-501	A550-502	A550-501	4	NONE	
C2	CLOSET	MDF	C	2'-4" x 6'-8"	1-3/8"	PINE	A550-501	A550-502	A550-501	4	NONE	
D1	CLOSET	MDF	D	4'-0" x 6'-8" PR	1-3/8"	PINE	A550-501	A550-502	A550-501	5	NONE	
L1	MECH CLOSET	MDF	L1	2'-10" x 6'-8"	1-3/8"	PINE	A550-501	A550-502	A550-501	4	NONE	VENTED LOUVER WITH 1" UNDERCUT
L2	MECH/LAUNDRY CLOSET	MDF	L2	5'-4" x 6'-8" PR	1-3/8"	PINE	A550-501	A550-502	A550-501	5	NONE	VENTED LOUVER

ABBREVIATIONS LIST

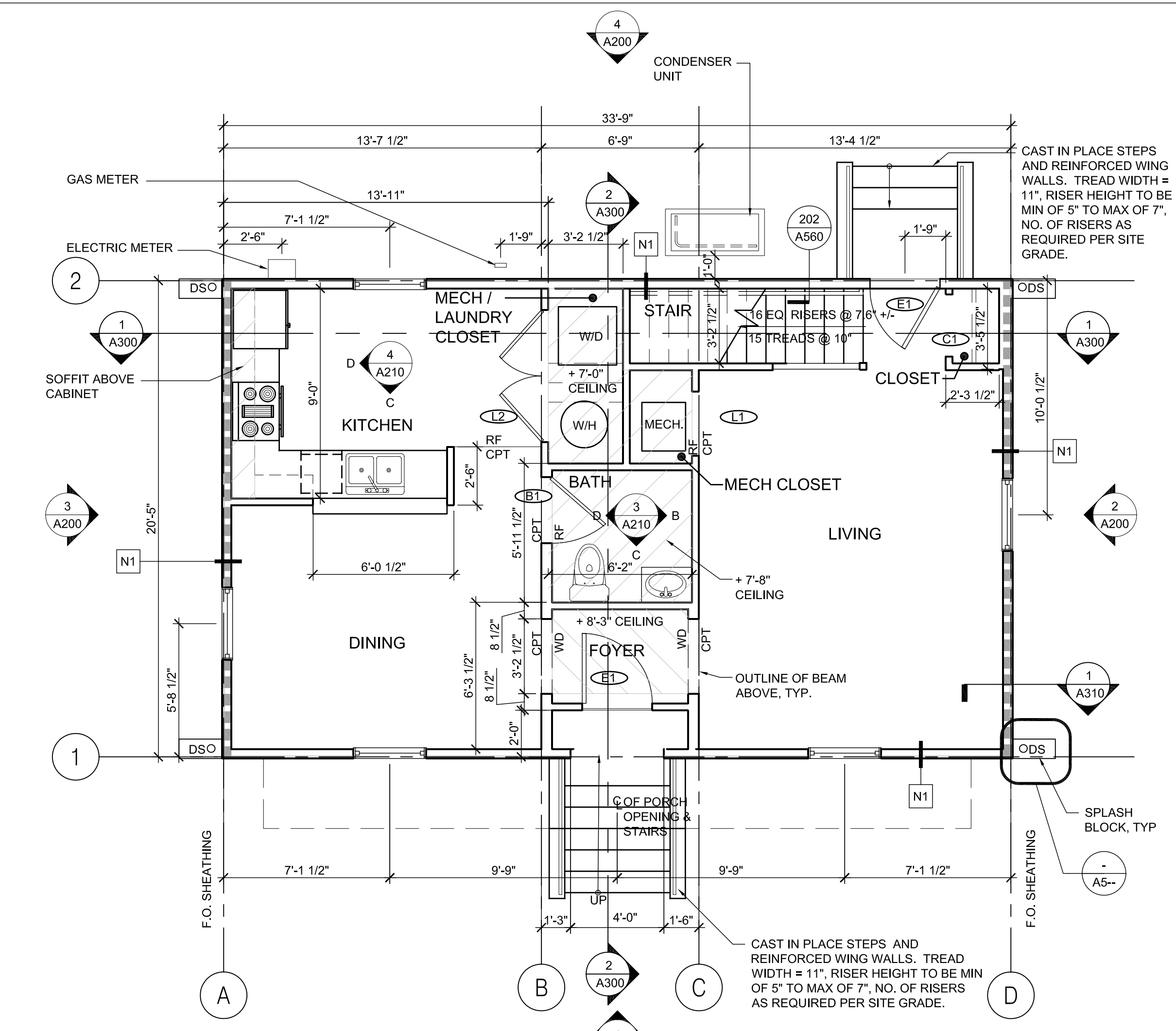
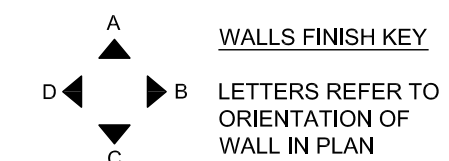
MDF	SOLID MDF
GL	GLASS
FG	FIBERGLASS
PR	PAIR

GENERAL NOTE: SEE A540-601 FOR WATERPROOFING FLASHING SEQUENCE, FIELD INSTALLED TRIM

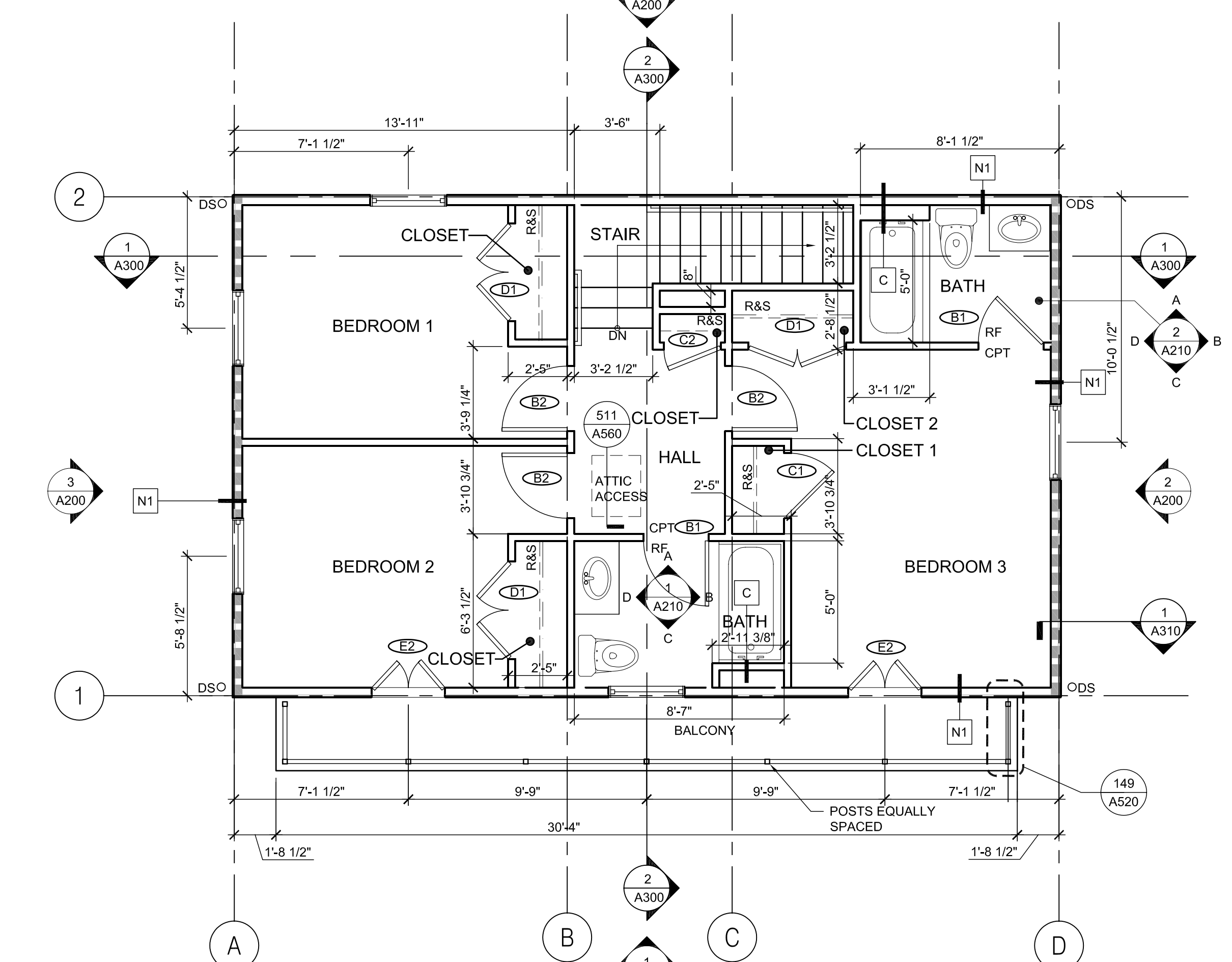
ROOM NAME	FLOOR	BASE	WALLS				CLG	NOTES
			A	B	C	D		
LIVING	CPT-1/WD-1*	B-1	PT-1	PT-1	PT-1	PT-1	PT-1	PROVIDE WD-1 @ MAIN ENTRY SEE PLANS FOR FINISH EXTENT
LIVING/DINING	CPT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-1	SHARED SPACE WHERE OCCURS
KITCHEN	RF-1	B-1	PT-2	PT-2	PT-2	PT-2	PT-3	
DINING	CPT-1	B-1	PT-2	PT-2	PT-2	PT-2	PT-2	
DINING/KITCHEN	RF-1	B-1	PT-2	PT-2	PT-2	PT-2	PT-3	SHARED SPACE WHERE OCCURS
BEDROOM	CPT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-1	
BATH	RF-1	B-1	PT-2	PT-2	PT-2	PT-2	PT-2	PROVIDE CT-1 ONLY @ TUB SURROUND. SEE INTERIOR ELEVATIONS FOR FINISH EXTENT
LAUNDRY AND/OR MECH CLOSET	RF-2	B-2	PT-2	PT-2	PT-2	PT-2	PT-2	
STAIR	CPT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-1	
HALL	CPT-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-1	
FOYER	WD-1	B-1	PT-1	PT-1	PT-1	PT-1	PT-1	
STORAGE	RF-2	B-2	PT-1	PT-1	PT-1	PT-1	PT-1	
EXTERIOR STORAGE	CONC	B-3	PT-2	PT-2	PT-2	PT-2	PT-2	

FINISH LEGEND

CONC	CONCRETE FLOOR
CPT-1	CARPET
RF-1	SHEET LINOLEUM
RF-2	SHEET VINYL
WD-1	WOOD FLOORING
PT-1	FLAT PAINT, COLOR TBD
PT-2	EGGSHELL OR SATIN PAINT, COLOR TBD
PT-3	SEMI-GLOSS PAINT, COLOR TBD
CT-1	CERAMIC TILE
B-1	PAINTED WOOD BASE
B-2	INTEGRAL RESILIENT BASE
B-3	CONCRETE CURB



1 D1 FIRST FLOOR PLAN  
1/4" = 1'-0"



2 D1 SECOND FLOOR PLAN  
1/4" = 1'-0"





SHEET NOTES

- SEE A560-501 FOR TYPICAL BLOCKING DETAIL FOR CASEWORK, HANDRAILS, GRAB BARS ETC.
- SEE A560-311 FOR TYPICAL GRAB BAR DETAIL WHERE OCCURS.
- SEE A560-111 FOR DETAIL WHERE SHOWER CONTROL VALVE PENETRATIONS A RATED WALL.



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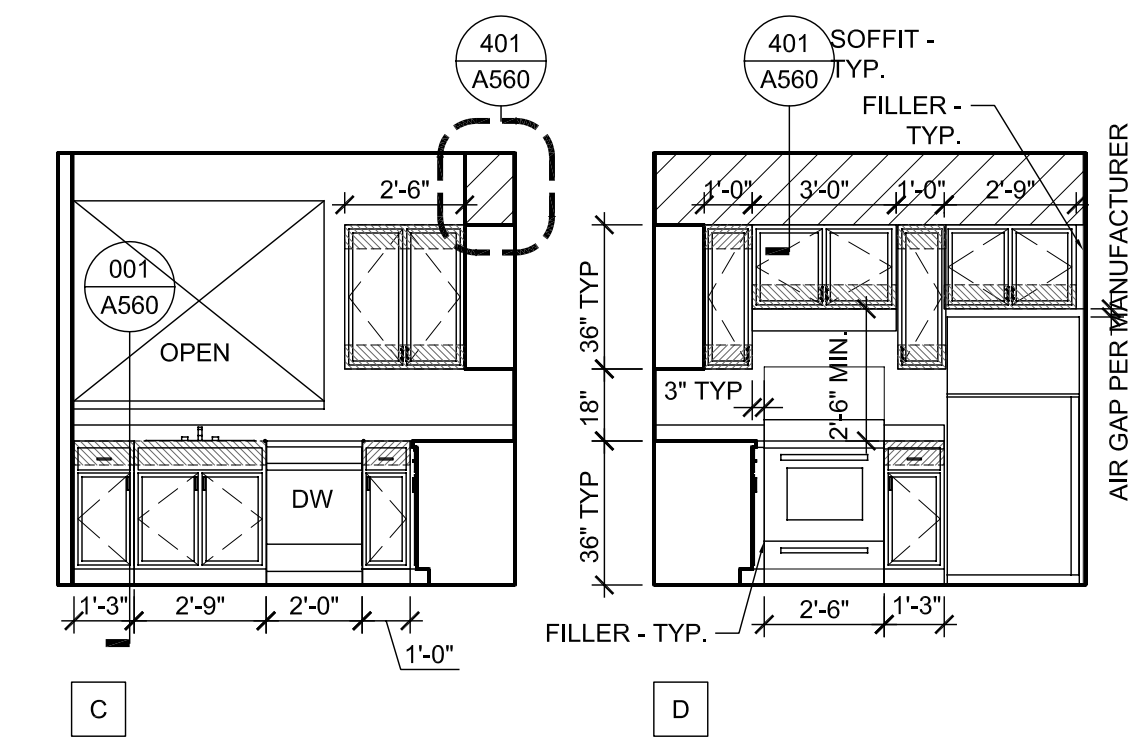
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CHECKED JT, JF  
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PROJECT JOB NUMBER 200807

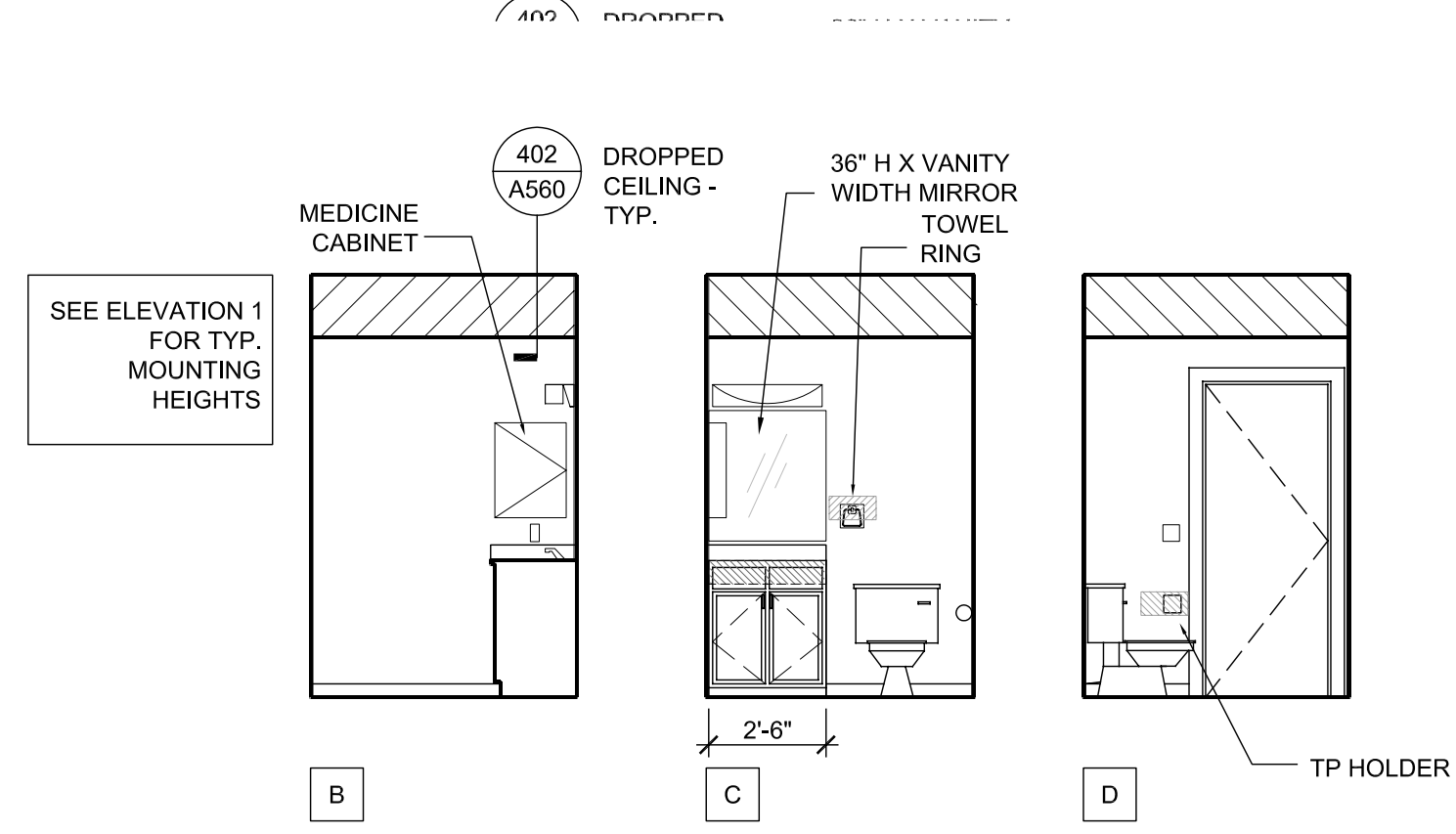
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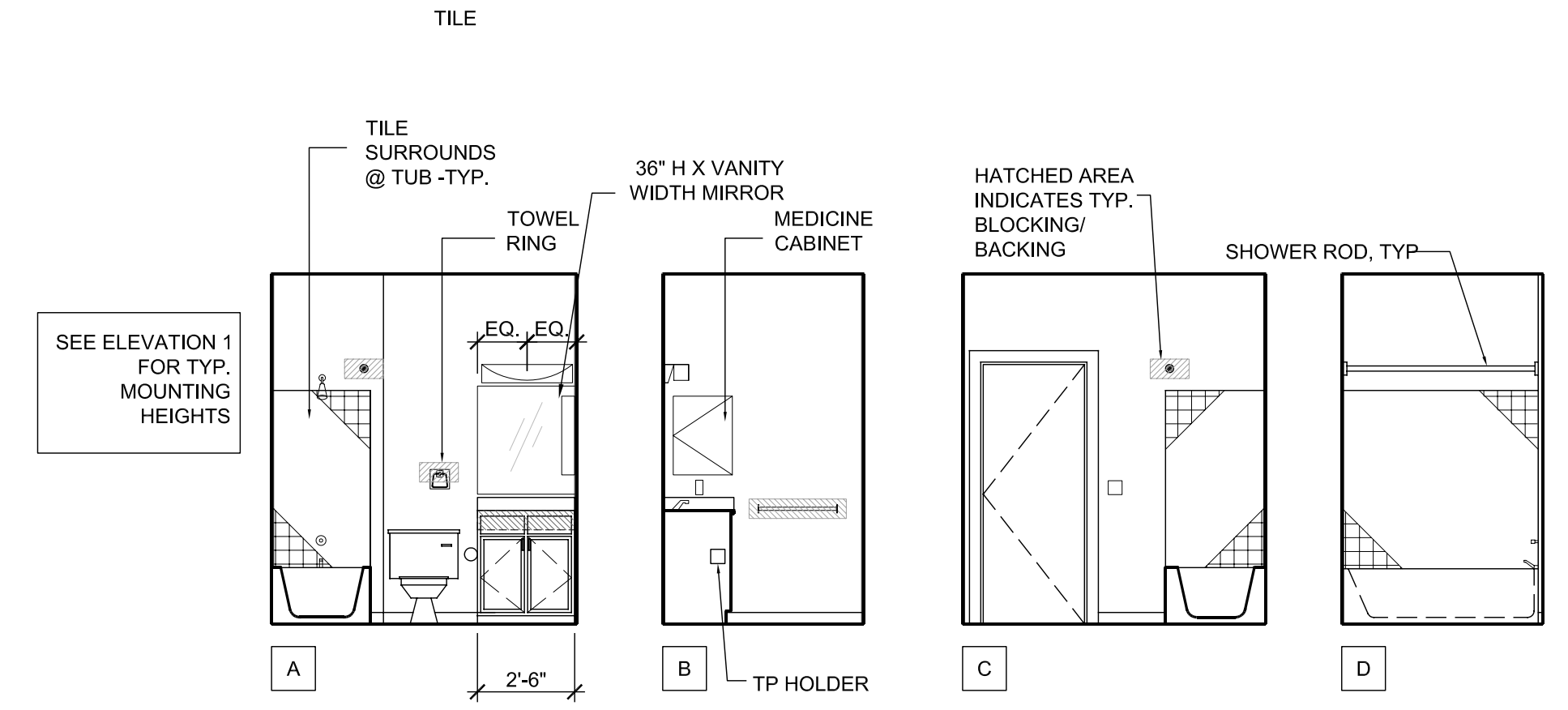
A210



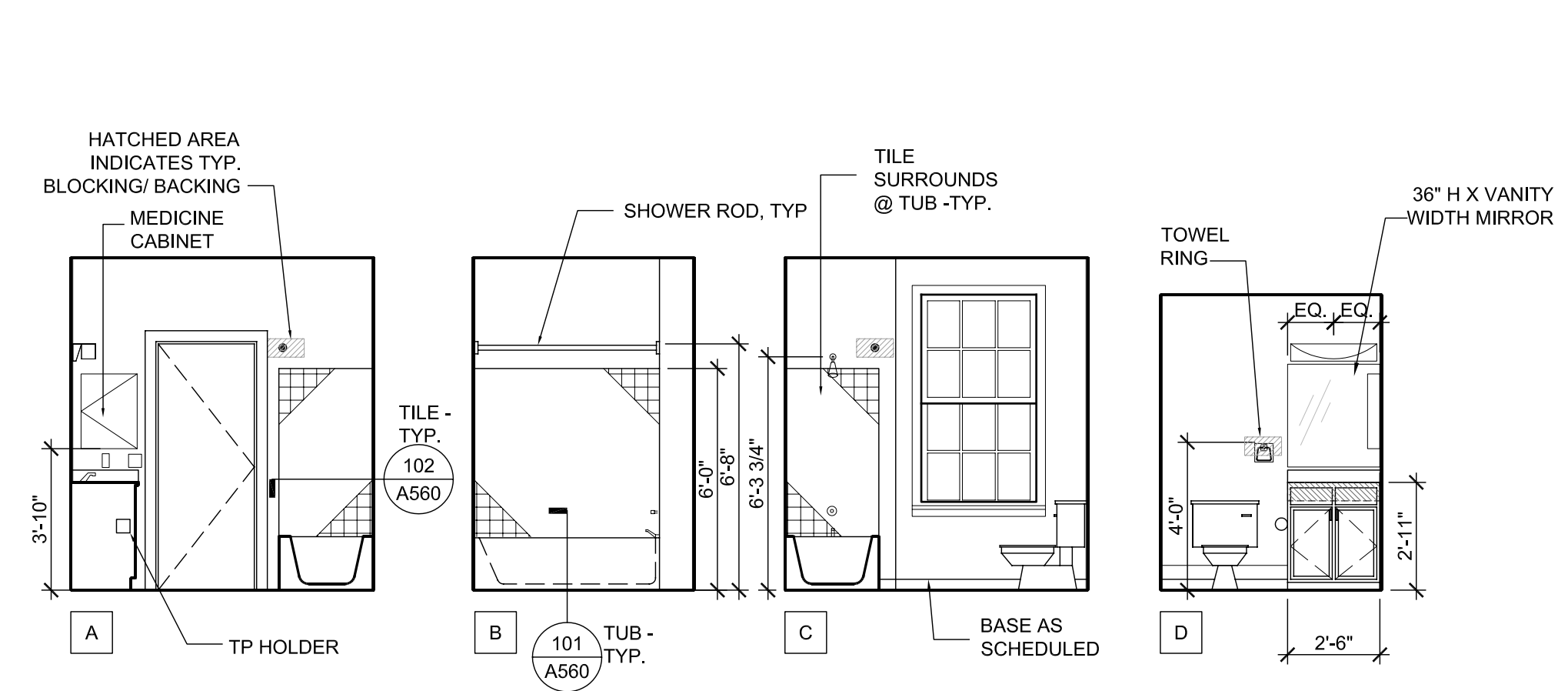
4 KITCHEN ELEVATIONS  
A210 1/4"=1'-0"



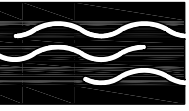
3 BATHROOM ELEVATIONS @ FIRST FLOOR  
A210 1/4"=1'-0"



2 BATHROOM ELEVATIONS @ SECOND FLOOR  
A210 1/4"=1'-0"



1 BATHROOM ELEVATIONS @ SECOND FLOOR  
A210 1/4"=1'-0"



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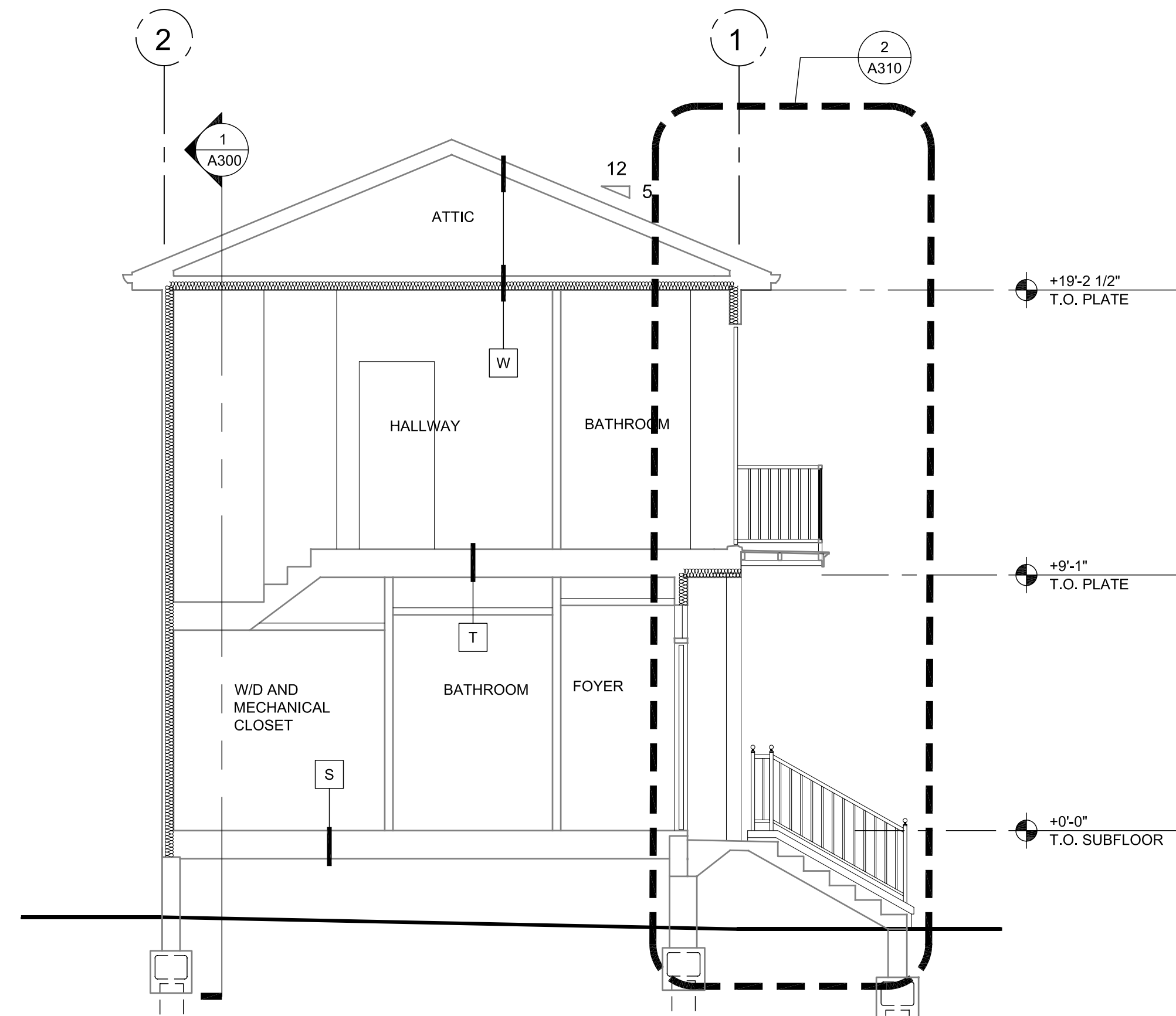
**PROJECT JOB NUMBER**  
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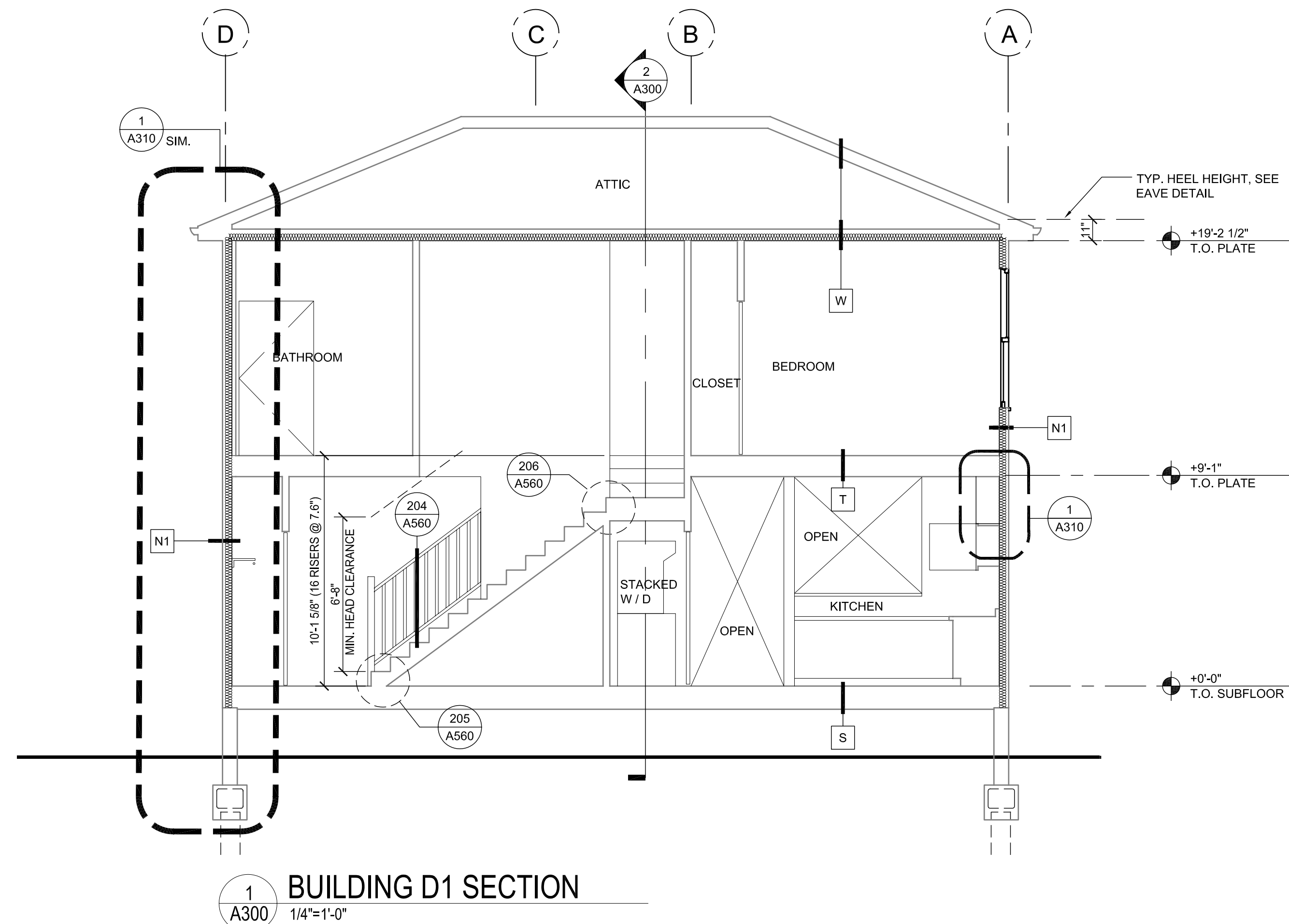
**SHEET NUMBER**

**A300**

PLOT DATE 10/13/2008 11:57AM



**2 BUILDING D1 SECTION**  
A300 1/4"=1'-0"



**1 BUILDING D1 SECTION**  
A300 1/4"=1'-0"



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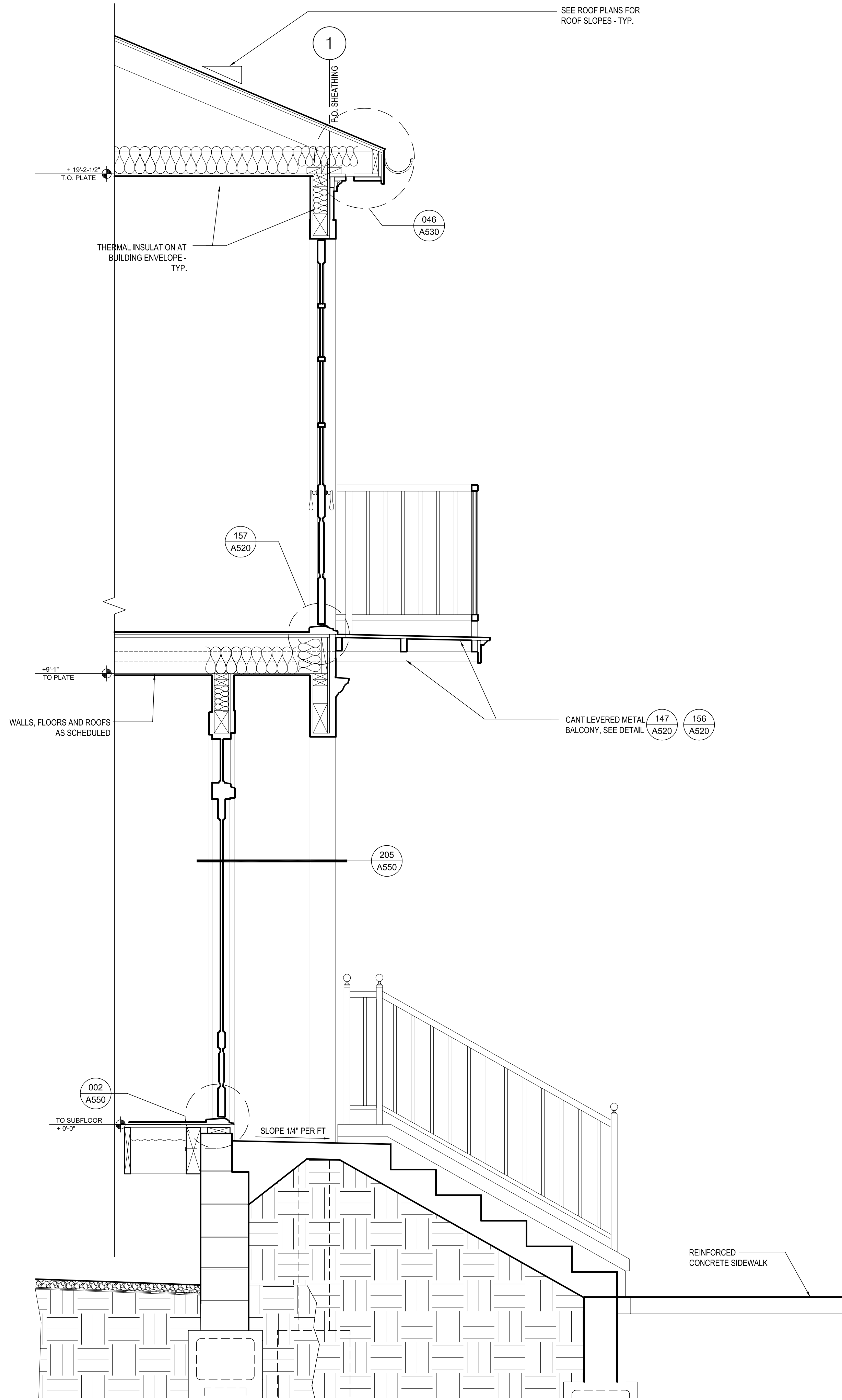
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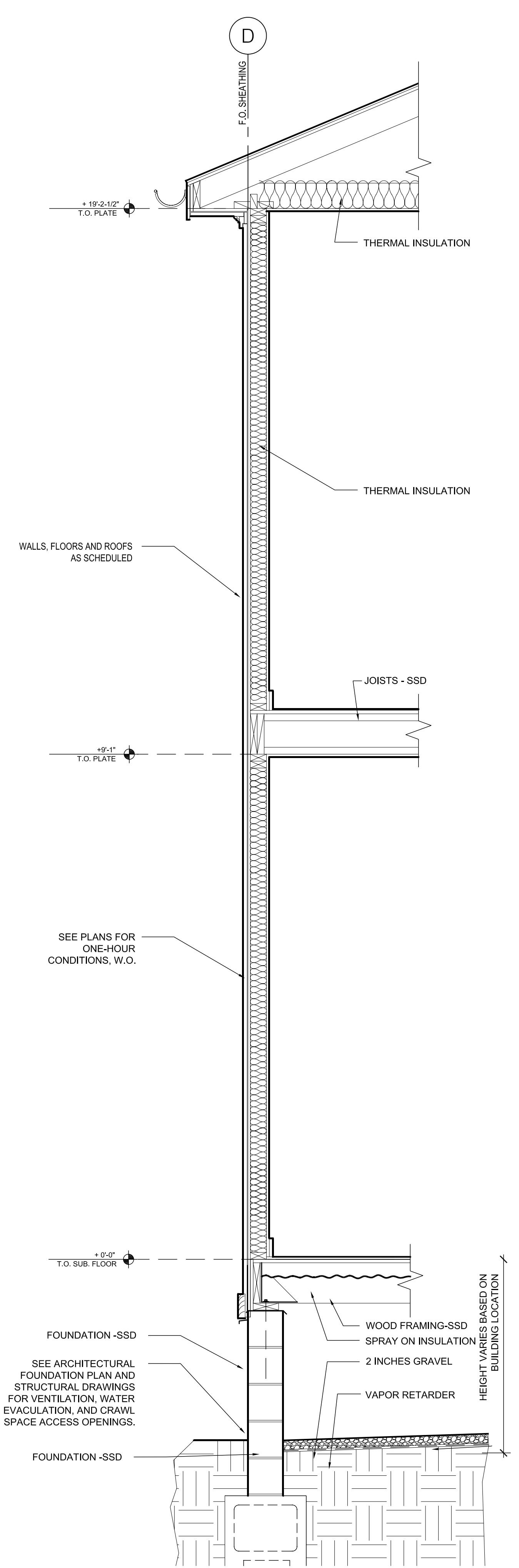
D1 WALL SECTIONS

SHEET NUMBER

**A310**



**2**  
A310  
**D1 WALL SECTION**  
3/4\"=1'-0"



**1**  
A310  
**TYPICAL EXTERIOR WALL**  
3/4\"=1'-0"

GENERAL NOTES

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2006 INTERNATIONAL BUILDING CODE, THE 2006 INTERNATIONAL RESIDENTIAL CODE (FOR 1 AND 2 FAMILY BUILDINGS) WITH THE CITY OF NEW ORLEANS AMENDMENTS AND THE SPECIFICATIONS.
2. "ENGINEER" AS USED IN THESE NOTES AND DRAWINGS DENOTES INGRAHAM/DEJESSE ASSOCIATES INC. THESE NOTES SHALL APPLY TO ALL STRUCTURAL DRAWINGS UNLESS OTHERWISE NOTED OR SHOWN.
3. SEE FOUNDATION DRAWINGS, BY OTHERS, FOR INFORMATION RELATED TO ALL CONSTRUCTION BELOW THE BOTTOM OF FIRST FLOOR SILL PLATE, INCLUDING FOUNDATION WALLS, FOOTINGS AND PILES.
4. FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL AND SHALL APPLY GENERALLY THROUGHOUT SIMILAR CONDITIONS.
5. UNLESS SHOWN OTHERWISE, DETAILS SHOWN ON "TYPICAL DETAIL" SERIES S000, S050, S060 SHALL BE USED WHEREVER APPLICABLE. SPECIFIC DETAILS ON STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER "TYPICAL DETAILS". SPECIFIC NOTES ON STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER NOTES SHOWN IN "GENERAL NOTES".
6. THE STRUCTURAL DRAWINGS SHOW STRUCTURAL FEATURES. EXACT CONFIGURATION OF INTERIOR PARTITION WALLS IS SHOWN ON ARCHITECTURAL DRAWINGS AND IS NOT NECESSARILY ALL SHOWN ON THE STRUCTURAL DRAWINGS. PROVIDE ANCHORAGE, INSERTS, ANCHOR BOLTS, ETC. FOR STRUCTURAL CONNECTIONS OF TOP, SIDES AND BOTTOM OF ALL PARTITION WALLS AS LOCATED ON THE ARCHITECTURAL DRAWINGS.
7. REFER TO THE ARCHITECTURAL DRAWINGS, FOUNDATION DRAWINGS AND THE SPECIFICATIONS, FOR THE FOLLOWING: FLOOR FINISHES, DEPRESSIONS AND CURBS ON FLOORS; OPENINGS REQUIRED FOR WINDOWS, DOORS, DUCTS, VENTS, PLUMBING, ETC.; FLASHING, INSERTS, ANCHORAGES, HANGERS ETC., EMBEDDED IN OR ATTACHED TO THE STRUCTURE; WALKS, PAVING, STAIRS, RAMPS, TERRACES, EXTERIOR GRADES, ELEVATIONS OF ROOF SURFACE AND LOCATIONS OF DRAINS AND PARTITION WALLS.
8. THE CONTRACTOR SHALL COMPARE THE STRUCTURAL DRAWINGS WITH ARCHITECTURAL, FOUNDATION, PLUMBING, MECHANICAL, CIVIL, AND ELECTRICAL DRAWINGS AS TO ALL LAYOUTS, DIMENSIONS AND ELEVATIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR PROPER ADJUSTMENT BEFORE PROCEEDING WITH THE WORK.
9. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES OR SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS.
10. BEAMS, JOISTS AND ANY OTHER STRUCTURAL ELEMENTS SHALL NOT BE CUT OR PENETRATED, EXCEPT AS SHOWN IN STRUCTURAL DETAILS OR AS APPROVED BY THE ARCHITECT AND THE ENGINEER.
11. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD PRIOR TO POURING CONCRETE; ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
12. FEATURES OF EXISTING CONSTRUCTION, IF ANY, SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD AND DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES AND SEQUENCES OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PROGRAMS AND PROCEDURES DURING CONSTRUCTION.
14. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADEQUATELY SHORE AND BRACE BUILDINGS AS REQUIRED DURING CONSTRUCTION.
15. THE CONTRACTOR SHALL FOLLOW ALL INSTRUCTIONS, RECOMMENDATIONS AND SAFETY PRECAUTIONS PROVIDED BY THE MANUFACTURER OR SUPPLIER OF ANY MATERIAL OR PRODUCT NOTED IN GENERAL NOTES OR DRAWINGS.
16. SEE ARCHITECTURAL DRAWINGS FOR DETAILS ON REQUIRED VENTILATION OF ROOF JOISTS, FLOOR JOISTS, ATTIC SPACES AND CRAWL SPACES.
17. GRADES SHOWN ON STRUCTURAL DRAWINGS ARE APPROXIMATE AND FOR GENERAL REFERENCE ONLY. MECHANICAL UNIT LOCATIONS SHOWN ON STRUCTURAL DRAWINGS ARE SCHEMATIC ONLY. GENERAL CONTRACTOR TO COORDINATE STRUCTURAL TRACES WITH MECHANICAL CONTRACTOR TO DETERMINE EXACT LOCATION OF UNITS AND SUPPORTING STRUCTURE.
18. DO NOT SCALE DRAWINGS.

DESIGN CRITERIA

- 1. VERTICAL LOADS:
A. DEAD LOADS:
i. ROOF DEAD LOAD: 10 PSF
ii. CEILING DEAD LOAD: 5 PSF
iii. FLOOR DEAD LOAD: 20 PSF
iv. CANTILEVERED BALCONY: 10 PSF
B. LIVE LOADS:
i. ROOF LIVE LOAD: 20 PSF AT SLOPES LESS THAN 4:12, 16 PSF ELSEWHERE
ii. CEILING LIVE LOAD: 5 PSF
iii. TYPICAL FLOORS: 40 PSF
iv. CANTILEVERED BALCONIES: 60 PSF
v. CORRIDORS AND LOBBIES: 100 PSF IN MULTI-FAMILY BUILDINGS ONLY
C. WIND UPLIFT LOADS (PER ASCE 7-05 FIGURE 6-3):
i. ZONE 1 45 PSF
ii. ZONE 2 85 PSF
iii. ZONE 3 110 PSF
iv. ZONE 4 OVERHANG 135 PSF
v. END ZONES FOR ALL BLDGS IS 6' EXCEPT FOR BLDGS J6, J6' AND K6' WHICH IS 7'-6".
D. SPRINKLER DESIGN LOADS: 250 LBS + WEIGHT OF WATER FILLED PIPE
2. LATERAL LOADS:
A. WIND DESIGN LOADS - PER IBC SECTION 1609
BASIC WIND SPEED 130 MPH
EXPOSURE CATEGORY C
IMPORTANCE FACTOR, Iw 1.0
SEISMIC DESIGN - DOES NOT GOVERN DESIGN

CARPENTRY NOTES

- 1. SILLS ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED SOUTHERN PINE 2x THICK UNLESS OTHERWISE NOTED. THEY SHALL BE ANCHORED WITH 5/8" DIAMETER MACHINE BOLTS WITH 3"x3"x1/4" PLATE WASHERS AND 15" EMBEDMENT. PLATE WASHERS SHALL EXTEND TO WITHIN 1/2" OF EDGE OF SILL PLATE ON THE SHEATHING SIDE. LOCATE BOLTS 6" MINIMUM AND 12" MAXIMUM FROM EACH END OF EACH STICK AND NOT OVER 16" ON CENTER. SEE SHEAR WALL SCHEDULE FOR SPECIFIC SPACING OF ANCHOR BOLTS WHICH MAY BE NOTED AS LESS THAN 16" ON CENTER. THERE SHALL BE AT LEAST 2 BOLTS IN EACH STICK. WHERE NOTCHES FOR PIPES, ETC., EXCEED 1/3 THE WIDTH OF THE SILL, PLACE A BOLT WITHIN 6" OF EACH SIDE OF NOTCH. TIEDOWN BOLTS AND HARDY PANEL BOLTS SHALL NOT BE CONSIDERED AS SILL BOLTS.
2. PREFABRICATED SHEAR PANELS SHALL BE HARDY PANEL BY HARDY FRAME INC. FURNISHED AND INSTALLED PER ICC-ES LEGACY REPORT PFC-5342.
3. FRAMING LUMBER: SOUTHERN PINE, MANUFACTURED AND GRADED IN ACCORDANCE WITH THE SOUTHERN PINE INSPECTION BUREAU "STANDARD GRADING RULES FOR SOUTHERN PINE LUMBER, 2002."
STRUCTURAL LIGHT FRAMING, 2" TO 4" THICK: NO. 2 STANDARD OR STUD GRADE
NON-STRUCTURAL INTERIOR WALL FRAMING: STANDARD OR STUD GRADE
BEAMS AND POSTS, 4" X 4" AND LARGER: NO. 1, FREE OF HEART CENTER
STUDS, PLATES, BLOCKING: NO. 2
4. ALL 2x FRAMING LUMBER SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19 PERCENT AT TIME OF INSTALLATION.
5. STUD AND POST SIZES (UNLESS OTHERWISE NOTED)
STUDS AT NEW EXTERIOR WALLS: 2x4 @ 16" ON CENTER, UNLESS OTHERWISE NOTED
STUDS AT NEW INTERIOR WALLS: 2x4 @ 16" ON CENTER
POSTS: PER PLANS
BLOCKING AND BRIDGING - PROVIDE AS FOLLOWS:
A. 2x SOLID BLOCKING BETWEEN JOISTS, TRUSSES AND RAFTERS OVER SUPPORT.
B. 2x SOLID BLOCKING BETWEEN JOISTS AND RAFTERS NOT OVER 8'-0" ON CENTER NOR MORE THAN 8'-0" FROM SUPPORT.
C. SEE PREFABRICATED TRUSS SHOP DRAWINGS FOR LOCATIONS OF MID-SPAN TRUSS BLOCKING, STRONGBACKS, ETC.
6. PIPES EXCEEDING 40 PERCENT OF THE PLATE WIDTH SHALL NOT BE PLACED IN PARTITIONS USED AS BEARING OR SHEAR WALLS, UNLESS OTHERWISE DETAILED OR COMPLETELY FURRED CLEAR OF THE STUDS. PIPES SHALL PASS THROUGH THE CENTER OF THE PLATES USING A NEATLY BORED HOLE. NO NOTCHING WILL BE ALLOWED.
7. LAG SCREWS SHALL BE SREWED (NOT DRIVEN) INTO PLACE. DRILL HOLES SAME DIAMETER AND DEPTH AS SHANK. THEN DRILL HOLE 60-70% OF DIAMETER AT BASE OF THREAD FOR THE THREADED PORTION.
8. BOLTS IN WOOD SHALL BE MACHINE BOLTS UNLESS OTHERWISE NOTED. ALL MACHINE BOLTS SHALL HAVE CUT THREADS.
9. BOLT HOLES IN WOOD AND STEEL SHALL BE THE DIAMETER OF THE BOLT PLUS 1/16".
10. PROVIDE PLATE WASHER UNDER HEAD AND NUT OF BOLT WHERE BEARING IS AGAINST WOOD (INCLUDING HOLDOWN BOLTS). LENGTH OF THREAD SHALL BE SUCH THAT THREADS DO NOT BEAR AGAINST WOOD. ALL NUTS SHALL BE TIGHTENED WHEN PLACED AND RE-TIGHTENED AT COMPLETION OF THE JOB IMMEDIATELY BEFORE CLOSING WITH FINISH CONSTRUCTION.
11. CONNECTORS FOR WOOD CONSTRUCTION NOTED ON PLANS AND DETAILS SHALL BE SIMPSON COMPANY STRONG-TIE CONNECTORS OR APPROVED EQUAL.
12. STUDS SHALL BE ONE PIECE BETWEEN FLOORS AND FROM FLOOR TO ROOF. ALIGN CENTERLINE OF STUDS WITH CENTERLINE OF FLOOR JOISTS. ALIGN CENTERLINE OF STUDS FOR FULL HEIGHT OF STRUCTURE TYPICAL.
13. ALL POSTS SHALL BE FULL HEIGHT FROM FOUNDATION TO ROOF. WHERE POSTS ARE DISCONTINUOUS AT JOIST SPACE AND/OR FROM TOP OF BEAMS/HEADERS TO LOWER TOP PLATE, BLOCK THIS SPACE WITH STUD POST.
14. FASTENERS PENETRATING PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153, CLASS D.

PLYWOOD SHEATHING NOTES

- 1. ROOF, FLOORS, ALL EXTERIOR WALLS AND INTERIOR SHEAR WALLS (WHERE NOTED ON STRUCTURAL PLANS) SHALL BE SHEATHED WITH PLYWOOD WITH EXTERIOR GLUE AS FOLLOWS:
ROOF: 5/8" APA RATED SHEATHING, 40/20, EXPOSURE 1 (INCLUDING FIRE RETARDANT SHEATHING WHERE SPECIFIED)
FLOOR: 3/4" T&G APA RATED SHEATHING, 48/24, EXPOSURE 1
WALLS: 1/2", APA RATED SHEATHING, 32/16, EXPOSURE 1. WALLS MAY BE SHEATHED WITH ORIENTED STRAND BOARD IN LIEU OF PLYWOOD.
2. ALL EXTERIOR WALLS SHALL BE SHEATHED WITH PLYWOOD OR ORIENTED STRAND BOARD, EVEN IF NOT SPECIFICALLY DESIGNATED AS A SHEAR WALL.
3. ALL PLYWOOD SHEATHING USED STRUCTURALLY SHALL EXTEND CONTINUOUSLY BEHIND ALL FINISH. IT SHALL BE PROTECTED BY AN UNBROKEN LAYER OF MOISTURE-TIGHT PAPER PER ARCHITECTURAL DRAWINGS.
4. IN GENERAL, PLYWOOD SHEETS SHALL BE 4'-0" x 8'-0". MINIMUM SHEET DIMENSION IS 24 INCHES, UNLESS ALL EDGES ARE FULLY SUPPORTED BY FRAMING MEMBERS OR BLOCKING. THE LONG DIMENSION MAY BE LAID EITHER HORIZONTALLY OR VERTICALLY AT WALLS. ROOF AND FLOOR SHEETS SHALL BE LAID WITH FACE PILES ACROSS JOISTS OR FRAMING MEMBERS AND WITH END JOINTS STAGGERED 4'-0". USE PLYCLIPS HALFWAY BETWEEN EACH SUPPORT AT UNBLOCKED ROOFS. ALL PLYWOOD JOINTS SHALL BE ACCURATELY CENTERED ON SUPPORTING ELEMENTS, INCLUDING BLOCKING. GUE FLOOR PLYWOOD TO ALL SUPPORTS INCLUDING BLOCKING WITH AN ADHESIVE RECOMMENDED BY THE AMERICAN PLYWOOD ASSOCIATION FOR THIS PURPOSE.
5. GUN NAILING SHALL NOT BE PERMITTED WITHOUT PRIOR APPROVAL BY THE ENGINEER. GUN NAIL TYPE, SIZE AND SPACING SHALL BE APPROVED BY THE ENGINEER PRIOR TO NAILING OF PLYWOOD. NAIL HEADS SHALL BE SET FLUSH OR NOT MORE THAN 1/8" INTO FACE OF SHEATHING.
6. AFTER NAILING, ALL SHEATHING SHALL BE FLUSH AND TIGHT TO FRAMING MEMBERS WITH NO GAPS.

NAILING NOTES

- 1. ALL NAILS SHALL BE COMMON WIRE NAILS. WHERE NAILS TEND TO SPLIT THE WOOD, NAIL HOLES SHALL BE PRE-DRILLED. NAILS AT PRESSURE TREATED WOOD SHALL BE HOT DIP GALVANIZED. MINIMUM NAIL SIZES SHALL BE AS FOLLOWS, UNLESS SHORTER NAILS ARE SPECIFICALLY ALLOWED BY CONNECTOR MANUFACTURER FOR A SPECIFIC CONNECTION.
8d 0.131" DIAMETER x 2-1/2" LONG
10d 0.148" DIAMETER x 3" LONG
10d SHORT 0.148" DIAMETER x 1-5/8" + THICKNESS OF PLYWOOD LONG
16d 0.162" DIAMETER x 3-1/2" LONG
20d 0.192" DIAMETER x 4" LONG
2. PLYWOOD NAILING:
AT ROOF: 5/8" PLYWOOD WITH 10d @ 6" ON CENTER ALONG SUPPORTED PANEL EDGES AND WHERE NOTED ON PLANS AND DETAILS AS EDGE NAILING (EN) AND 10d @ 12" ON CENTER ALONG INTERMEDIATE FRAMING MEMBERS.
AT FLOOR: 3/4" T&G PLYWOOD WITH 10d @ 6" ON CENTER ALONG SUPPORTED PANEL EDGES AND WHERE NOTED ON PLANS AND DETAILS AS EDGE NAILING (EN) AND 10d @ 10" ON CENTER ALONG INTERMEDIATE FRAMING MEMBERS.
AT WALLS: SEE SHEAR WALL SCHEDULE.
3. MAINTAIN ACCURATE NAIL SPACING AS INDICATED. NAIL SPACING CLOSER THAN SPECIFIED WILL BE CAUSE FOR REJECTION OF THE WORK.
4. NAILS PENETRATING PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153, CLASS D.
5. TYPICAL NAILING SCHEDULE, UNLESS OTHERWISE NOTED:
ALL NAILS SHALL BE COMMON WIRE NAILS. WHERE NAILS TEND TO SPLIT THE WOOD, NAIL HOLES SHALL BE SUB-DRILLED. NAILS AT PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL BE HOT DIPPED ZINC COATED GALVANIZED, STAINLESS STEEL.
6. PROVIDE MINIMUM NAILING REQUIREMENTS AS FOLLOWS:
A. JOIST TO SILL OR GIRDER: 3-8d TOENAILS
T&I JOIST TO SILL OR PLATE: 1-8d @ 24" BOX NAIL EA. SIDE WEB, 12" FROM END, AT AN ANGLE
B. BRIDGING TO JOIST: 2-8d TOENAILS EACH END
C. SOLE PLATE TO JOIST OR BLOCKING: 16d @ 16" OC FACE NAILS (EXCEPT AS NOTED IN SHEAR WALL SCHEDULE)
D. TOP PLATE TO STUD: 2-16d END NAILS
E. STUD TO SOLE PLATE: 4-8d TOENAILS OR 2-16d END NAILS
F. DOUBLE STUDS: 16d @ 24" OC FACE NAILS
G. DOUBLED TOP PLATES: SEE TYPICAL DETAIL
H. DOUBLE TOP PLATE-LAP SPLICE: SEE TYPICAL DETAIL
I. BLOCKING BETWEEN JOISTS OR RAFTERS: 3-8d TOENAILS TO TOP PLATE; 8d @ 6" OC TOENAILS AT SOLID SAWN 16d @ 6" OC THRU BOTTOM FLANGE AT T&I
K. RIM JOIST TO SOLID SAWN FLOOR JOIST: 3-16d END NAILS
L. TOP PLATES-LAPS AND INTERSECTIONS: 2-16d FACE NAILS
M. CONTINUOUS HEADER-TWO PIECES: 16d @ 16" OC ALONG EACH EDGE
N. CEILING JOISTS TO PLATE: 3-8d TOENAILS
O. CONTINUOUS HEADER TO STUD: 4-8d TOENAILS
P. CEILING JOISTS-LAPS OVER PARTITIONS: 3-16d FACE NAILS
Q. CEILING JOISTS TO PARALLEL RAFTERS: 3-16d FACE NAILS
R. RAFTER TO PLATE: 3-8d TOENAILS
S. SEE DETAILS
T. BUILT-UP CORNER STUDS: 16d @ 24" OC
U. BUILT-UP GIRDER AND BEAMS: 20d @ 32" OC AT TOP AND BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE

PARALLAM PSL, MICROLAM LM, AND TIMBERSTRAND LSL NOTES

- 1. ALL PARALLAM PARALLEL STRAND LUMBER, MICROLAM LAMINATED VENEER LUMBER AND TIMBERSTRAND LAMINATED STRAND LUMBER MEMBERS SHALL BE AS MANUFACTURED BY I-LEVEL OR APPROVED EQUAL AND SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH NATIONAL EVALUATION SERVICE COMMITTEE REPORT NER-481.
2. PARALLAM MEMBERS SHALL HAVE THE FOLLOWING PROPERTIES:
ALLOWABLE FLEXURAL STRESS: 2900 PSI
ALLOWABLE SHEAR STRESS: 290 PSI
MODULUS OF ELASTICITY: 2,000,000 PSI
3. TIMBERSTRAND MEMBERS SHALL HAVE THE FOLLOWING PROPERTIES:
ALLOWABLE FLEXURAL STRESS: 2,325 PSI
ALLOWABLE SHEAR STRESS: 310 PSI
MODULUS OF ELASTICITY: 1,550,000 PSI
4. MICROLAM MEMBERS SHALL HAVE THE FOLLOWING PROPERTIES:
ALLOWABLE FLEXURAL STRESS: 2600 PSI
ALLOWABLE SHEAR STRESS: 110 PSI
MODULUS OF ELASTICITY: 1,900,000 PSI
5. DO NOT USE NON-TREATED PARALLAM, MICROLAM OR TIMBERSTRAND MEMBERS WHERE THEY MAY BE EXPOSED TO THE WEATHER. PROTECT THESE MEMBERS FROM MOISTURE UNTIL CLOSED IN WITH FINISH CONSTRUCTION. PARALLAM MEMBERS NOTED AS PRESSURE TREATED SHALL BE WOLMANIZED PER I-LEVEL SERVICE LEVEL 2, AMPA USE CATEGORY 3B.

PREFABRICATED ROOF TRUSS NOTES

- 1. ROOF TRUSS MANUFACTURER SHALL DESIGN ALL MEMBERS, TRUSS TYPES AND CONNECTIONS FOR ROOF LOADS, INCLUDING MECHANICAL EQUIPMENT LOADS. DESIGN SHALL BE BY A CIVIL ENGINEER REGISTERED IN THE STATE OF LOUISIANA, AND SHALL BE IN CONFORMANCE WITH ANS/TPI 1.
2. ROOF TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS TO THE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.
3. ALL FRAMING LUMBER SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19 PERCENT. APPROVED COPIES OF ROOF TRUSS DRAWINGS SHALL BE FORWARDED TO THE BUILDING INSPECTION DEPARTMENT.
4. TEMPORARY BRACING PER MANUFACTURER'S RECOMMENDATIONS SHALL BE INSTALLED TO HOLD ROOF TRUSS TRUE AND PLUMB UNTIL PERMANENT SHEATHING IS INSTALLED.
5. SEE "DESIGN CRITERIA" NOTES ABOVE FOR TRUSS DESIGN LOADS.
6. TRUSS LAYOUT ON STRUCTURAL DRAWINGS IS SCHEMATIC, AND SHOWN FOR THE PURPOSES OF IDENTIFYING TRUSS SPANS, SPACINGS AND BEARING POINTS. ROOF TRUSS MANUFACTURER SHALL LAYOUT AND DESIGN ALL TRUSSES TO ACCOMMODATE ROOF AND REFLECTED CEILING LAYOUT AS SHOWN ON THE ARCHITECTURAL DRAWINGS. THEIR DESIGN AND CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN IN THE TYPICAL CONDITION ON THE ARCHITECTURAL DRAWINGS. IF LAYOUT VARIES FROM THAT SHOWN ON THE STRUCTURAL DRAWINGS, GENERAL CONTRACTOR SHALL ADD POSTS, HEADERS, PILES, ETC. TO RECEIVE POINT LOADS FROM GIRDER AND HIP TRUSSES AT NO ADDITIONAL EXPENSE TO THE OWNER.
7. ALL TRUSS-TO-TRUSS CONNECTIONS SHALL BE DESIGNED AND SPECIFIED BY THE TRUSS MANUFACTURER. SUCH CONNECTIONS SHALL BE CLEARLY NOTED ON THE SHOP DRAWINGS.
8. SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR REVIEW PRIOR TO FABRICATION.

TRUSS JOIST NOTES

- 1. ALL PREFABRICATED TRUSS JOISTS SHALL BE TJI SERIES BY TRUSJOIST/LEVEL UNLESS OTHERWISE NOTED.
2. TJI JOIST SERIES SHALL CONFORM TO ICC ES ESR-1387 AND ICC ES ESR-1153.
3. TEMPORARY BRACING AND BRIDGING PER MANUFACTURER'S RECOMMENDATIONS SHALL BE INSTALLED TO HOLD TRUSS JOIST TRUE AND PLUMB UNTIL PERMANENT SHEATHING IS INSTALLED.

STRUCTURAL STEEL NOTES

- 1. STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED. ALL W AND WT SHAPES SHALL BE ASTM A992. ALL HOLLOW STEEL SECTIONS SHALL BE ASTM A500 GRADE B. ALL STEEL PIPE SECTIONS SHALL BE ASTM A500 GRADE B.
2. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
3. ALL BOLTED CONNECTIONS STEEL TO STEEL SHALL BE MADE WITH 3/4" DIAMETER HIGH-STRENGTH (A325) BOLTS UNLESS OTHERWISE NOTED. ANCHOR BOLTS SHALL BE ASTM F1554, Fy=36 KSI. THREADED RODS SHALL BE PER ASTM A193 GRADE B7.
4. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS.
5. ALL TESTING AND INSPECTION OF SHOP AND FIELD WELDING OPERATIONS SHALL BE MADE BY A CERTIFIED WELDING INSPECTOR. ALL WELDS SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH THE SPECIFICATIONS, THE INTERNATIONAL BUILDING CODE AND AWS D1.1. ALL WELDING ELECTRODES SHALL BE E70 SERIES. THE WELDING INSPECTOR SHALL CHECK THE WELDER'S CERTIFICATION, MATERIAL EQUIPMENT, FIT UP AND PROCEDURES AS WELL AS THE WELDS. THE INSPECTOR SHALL USE ALL MEANS NECESSARY TO DETERMINE THE QUALITY OF THE WELDS, INCLUDING THE USE OF GAMMA RAY, MAGNIFLUX, TREPANNING, SONICS OR ANY OTHER AID TO VISUALLY INSPECT AND TO ASCERTAIN THE ADEQUACY OF THE WELDING. THE INSPECTOR SHALL FURNISH THE ARCHITECT AND THE ENGINEER WITH A REPORT VERIFYING THAT ALL WELDS HAVE BEEN DONE IN CONFORMITY WITH THE SPECIFICATIONS, AWS D1.1 AND ANY APPLICABLE CODES. UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE FABRICATION AND ERECTION REQUIREMENTS MAY DICTATE FIELD WELDING AND/OR SHOP WELDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE METHOD OF WELDING TO FULFILL THESE REQUIREMENTS. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN THE CONTRACT PRICE.
6. SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
7. WHERE CLOSER THAN AISC TOLERANCES ARE NECESSARY, SUCH AS FOR ALIGNMENT OF STEEL STUDS, MULLIONS, ETC., FIELD WELDING WILL BE REQUIRED TO MEET THE NECESSARY TOLERANCES WITH NO ADDITIONAL COSTS TO THE OWNER.
8. USE ONE TYPE OF WELDING ELECTRODE THROUGHOUT ANY ONE CONNECTION.
9. WELDING OF REINFORCING STEEL TO STRUCTURAL STEEL SHALL BE DONE BY STRUCTURAL STEEL SUB-CONTRACTOR.
10. BOLT HOLES IN STEEL SHALL BE 1/16" OVERSIZE UNLESS OTHERWISE NOTED.

GROUTED ANCHORS AND DOWELS IN HARDENED CONCRETE OR MASONRY NOTES

- 1. GROUT FOR SETTING ANCHORS OR DOWELS IN HARDENED CONCRETE SHALL BE SIMPSON SET EPOXY (PER ESR-1772), HILTI HIT RE-500SD (PER ESR-2322), OR APPROVED EQUAL.
2. HOLES FOR GROUTED ANCHORS SHALL BE DRILLED WITH ROTARY HAMMER OR OTHER SUITABLE METHODS TO ENSURE EXISTING REINFORCEMENT IS NOT DAMAGED. HOLE DIAMETER SHALL BE AS REQUIRED BY MANUFACTURER. LOCATE EXISTING REINFORCING BARS PRIOR TO DRILLING HOLES. DO NOT DAMAGE EXISTING REINFORCING. METHOD OF LOCATING EXISTING REINFORCING BARS SHALL BE APPROVED BY THE ENGINEER. ALL MIS-DRILLED OR UNACCEPTABLE HOLES SHALL BE GROUTED SOLID.
3. USE SCREEN TUBE WHERE REQUIRED BY EPOXY MANUFACTURER IN HOLLOW MASONRY OR BRICK CONSTRUCTION. VERIFY HOLE DIAMETER FOR SCREEN TUBE PRIOR TO DRILLING.
4. JOB TESTING AND INSPECTION: CONTINUOUS VISUAL INSPECTION OF ALL GROUTED ANCHOR AND DOWEL INSTALLATION IS REQUIRED. TESTING SHALL BE AS FOLLOWS:
A. THREADED RODS: TEST FIRST 5 INSTALLED RODS OF EACH SIZE TO TENSION PROOF LOAD SHOWN ON GROUTED ANCHOR SCHEDULE. IF ALL PASS, TEST 5% OF REMAINING RODS. IF ANY ROD FAILS, TEST ALL RODS UNTIL 10 SUCCESSFUL CONSECUTIVE TESTS ARE MADE, THEN RESUME 5% TESTING FREQUENCY. THE LOAD TEST SHALL BE PERFORMED IN THE PRESENCE OF THE PROJECT INSPECTOR.
B. HOLDOWN ANCHORS: TEST 100% OF ANCHORS USED TO TENSION PROOF LOAD PER TABLE ON TYPICAL HOLDOWN DETAIL.
C. REINFORCING BAR ANCHORS, #5 AND LARGER: TEST PER THREADED ROD REQUIREMENTS ABOVE.
D. REINFORCING BAR ANCHORS #4 AND SMALLER: NO TESTING REQUIRED. VISUAL OBSERVATION ONLY.

TESTS, INSPECTIONS AND OBSERVATIONS NOTES

- 1. TESTS AND INSPECTIONS SHALL BE PROVIDED FOR ALL ITEMS AS REQUIRED BY THE INTERNATIONAL BUILDING CODE. SEE STATEMENT OF SPECIAL INSPECTIONS FOR REQUIREMENTS.
2. THE OWNER SHALL BE RESPONSIBLE FOR RETAINING AN INDEPENDENT TESTING AND INSPECTION LABORATORY TO PERFORM ALL REQUIRED TESTING AND INSPECTIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TESTING AND INSPECTION LABORATORY WITH CONSTRUCTION SCHEDULES TO ENSURE PROPER COORDINATION OF WORK.
4. IN ADDITION TO SPECIAL INSPECTIONS, THE FOLLOWING SPECIFIED ITEMS SHALL HAVE PERIODIC STRUCTURAL OBSERVATION BY THE ENGINEER OF RECORD OR HIS DESIGNATE:
A. HOLDOWNS IN WALLS AND FOUNDATIONS
B. NAILING OF PLYWOOD ON WALLS, FLOORS AND ROOFS
C. INSTALLATION OF HARDY PANELS
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR INSPECTOR A MINIMUM OF 5 WORKING DAYS (EXCLUDING WEEKEND DAYS) PRIOR TO THE TIME OF A REQUIRED INSPECTION.

DEFERRED APPROVALS

- 1. SHOP DRAWINGS AND CALCULATIONS STAMPED AND SIGNED BY A LOUISIANA-LICENSED ENGINEER SHALL BE SUBMITTED TO THE ARCHITECT AND BUILDING DEPARTMENT FOR THE FOLLOWING ITEMS:
A. PREFABRICATED ROOF TRUSSES

PREFABRICATED SHEAR PANEL NOTES

- 1. ALL PREFABRICATED SHEAR PANELS SHALL BE BY THE HARDY FRAME COMPANY, OR APPROVED EQUAL.
2. PROVIDE AND INSTALL SHEAR PANELS PER ICC REPORT PFC-5342.
3. FRAMING ELEMENTS OF SHEAR PANEL SHALL BE 12 GAGE MINIMUM.
4. ALL ANCHOR BOLTS SHALL BE ASTM A307.
5. SHEAR PANELS WITH DAMAGED OR BENT ELEMENTS SHALL BE REMOVED AND REPLACED.
6. PROVIDE SHEAR PANELS OF PROPER HEIGHT TO EXTEND FULL HEIGHT IN ONE PIECE FROM SILL/SOLE PLATE TO TOP PLATE AS SHOWN.
7. PANEL HEIGHTS SHOWN ON PLAN ARE FOR BIDDING PURPOSES ONLY. PROVIDE PANELS CUT TO EXACT HEIGHT AS REQUIRED TO SUIT FRAMING ELEVATIONS.
8. ALIGN PANELS FROM FLOOR TO FLOOR, UNLESS OTHERWISE NOTED.
9. COORDINATE ANCHOR BOLT PLACEMENT WITH CMU WEBS AND FACE SHELLS. REMOVE CMU WEBS AS NECESSARY.

SYMBOLS AND ABBREVIATIONS

Table with 2 columns: SYMBOLS AND ABBREVIATIONS and SECTION 1 ON DRAWING S2.1, ETC. Includes symbols for materials like MATL, MAX, MB, MECH, MFR, MIN, MISC, MTL, etc., and their corresponding descriptions.

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BID SET OCTOBER 1, 2008

Table with 3 columns: MARK, NUMBER, DATE. Includes rows for REVISIONS.

TREME/LAFITTE AND TULANE/GRAVIER HOME BUILDING PLAN NEW ORLEANS, LOUISIANA PROVIDENCE COMMUNITY HOUSING & ENTERPRISE HOMES INC.

Table with 2 columns: UBC, UBCB, GB, GLM, GYP BD, HD, HDG, HDR, HGR, HOR, HP, HSB, HSS, HT, ID, IF, INT, INV, JST, JT(S), K, LBS, LG, LL, LLH, LLV, LP, LSL, LT, LTWT, LVL, W/, WD, WF, W/O, WP, WT, WWF, WWM, X, Y, Z, H, HDU, P, Pxxx, F, NTL.

ISSUE DATE 10/1/08

SCALE If this drawing is not ARCH D (36.00 X 24.00 Inches), then it has been modified from its original size. Scale noted on drawing/details is no longer applicable.

DRAWN MJ

CHECKED SDJ

ELECTRONIC CAD FILENAME 08017S001.dwg

PROJECT JOB NUMBER IDA-08017

DRAWING TITLE GENERAL NOTES, SYMBOLS & ABBREVIATIONS

SHEET NUMBER

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S001

PLOT DATE 10/8/2008 8:06AM



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**REVISIONS**  
MARK NUMBER DATE

**TREME/LAFITTE AND TULANE/GRAVIER HOME BUILDING PLAN**  
NEW ORLEANS, LOUISIANA  
PROVIDENCE COMMUNITY HOUSING & ENTERPRISE HOMES INC.

ISSUE DATE 10/1/08

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**DRAWN** MJ

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**ELECTRONIC CAD FILENAME**  
08017S100-D1.dwg

**PROJECT JOB NUMBER**  
IDA-08017

**DRAWING TITLE**  
D1 FIRST & SECOND FLOOR & ROOF FRAMING PLANS

**SHEET NUMBER**

**S100**

PLOT DATE 10/8/2008 8:15AM

**SHEET NOTES**

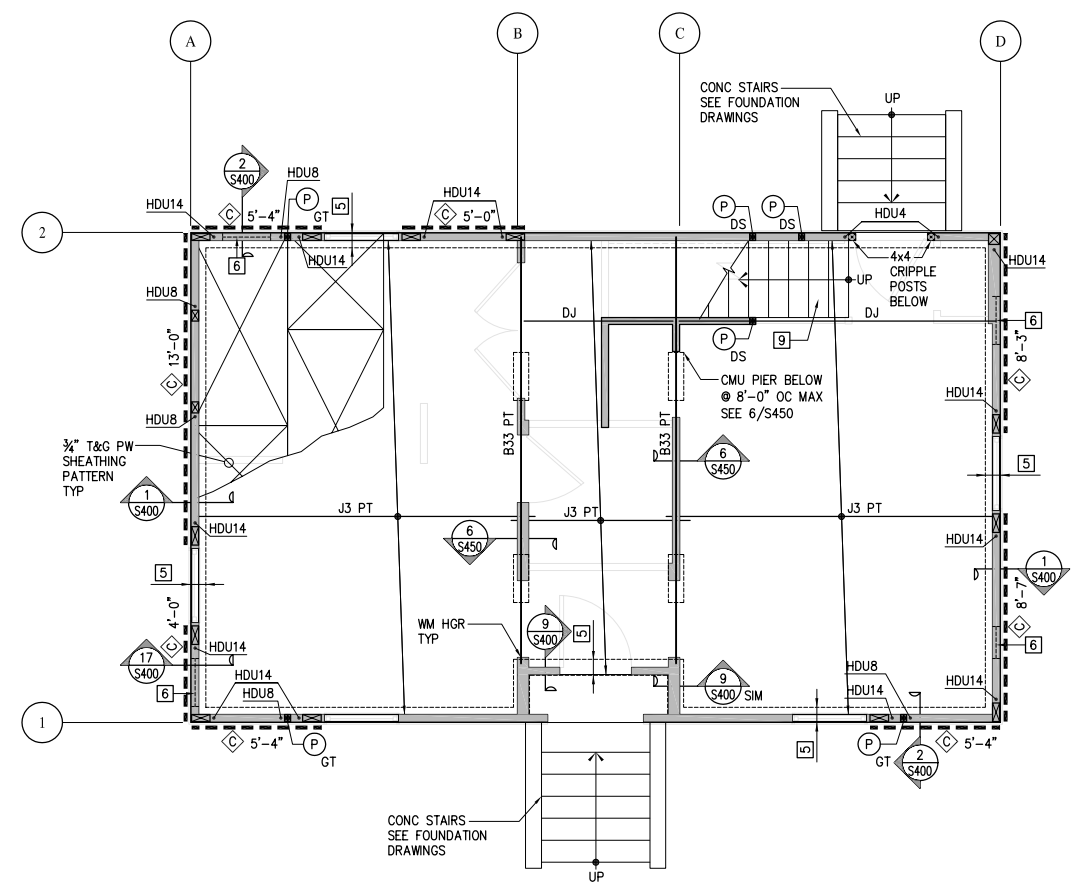
- SEE GENERAL NOTES SHEET S000 AND SEE DETAIL BOOK SERIES S000, S050 & S060 FOR TYPICAL DETAILS NOT SHOWN HEREIN.
- SEE FOUNDATION DRAWINGS FOR PILE, FOUNDATION & CRIPPLE WALL REQUIREMENTS.
- (P) DENOTES POST AND POST SIZE ("DS" DENOTES DOUBLE STUD) #x# ("GT" DENOTES MATCH GIRDER TRUSS SEE 30 & 31/S000)
- SEE 13/S500 AND ARCHITECTURAL DRAWINGS FOR STUD SIZES NOT NOTED ON STRUCTURAL PLANS

**KEY NOTES**

- ATTIC ACCESS. LAYOUT TRUSSES TO ACCOMMODATE OPENING IN LOCATION SHOWN ON ARCHITECTURAL DRAWINGS
- NOT USED
- TRUSS MANUFACTURER TO PROVIDE EXACT LOCATION OF GIRDER TRUSS.
- CONFIGURE TRUSS TO ALLOW BEAM THROUGH. SEE SECTION
- CMU WALL BELOW. SEE FOUNDATION DRAWINGS.
- FOUNDATION VENT OR ACCESS OPENING-SAD.
- ALIGN ADDITIONAL JOIST WITH SHEAR WALL.
- PROVIDE PT PSL PER 18/S400.
- SEE 26 & 27/S000 FOR TYP LANDING & STAIR FRAMING
- #x# - MECHANICAL PENETRATION THROUGH SW (MAX WIDTH x HEIGHT) SEE 22/S000
- COORDINATE FRAMING LAYOUT WITH MECHANICAL DUCTS/SHAFTS.

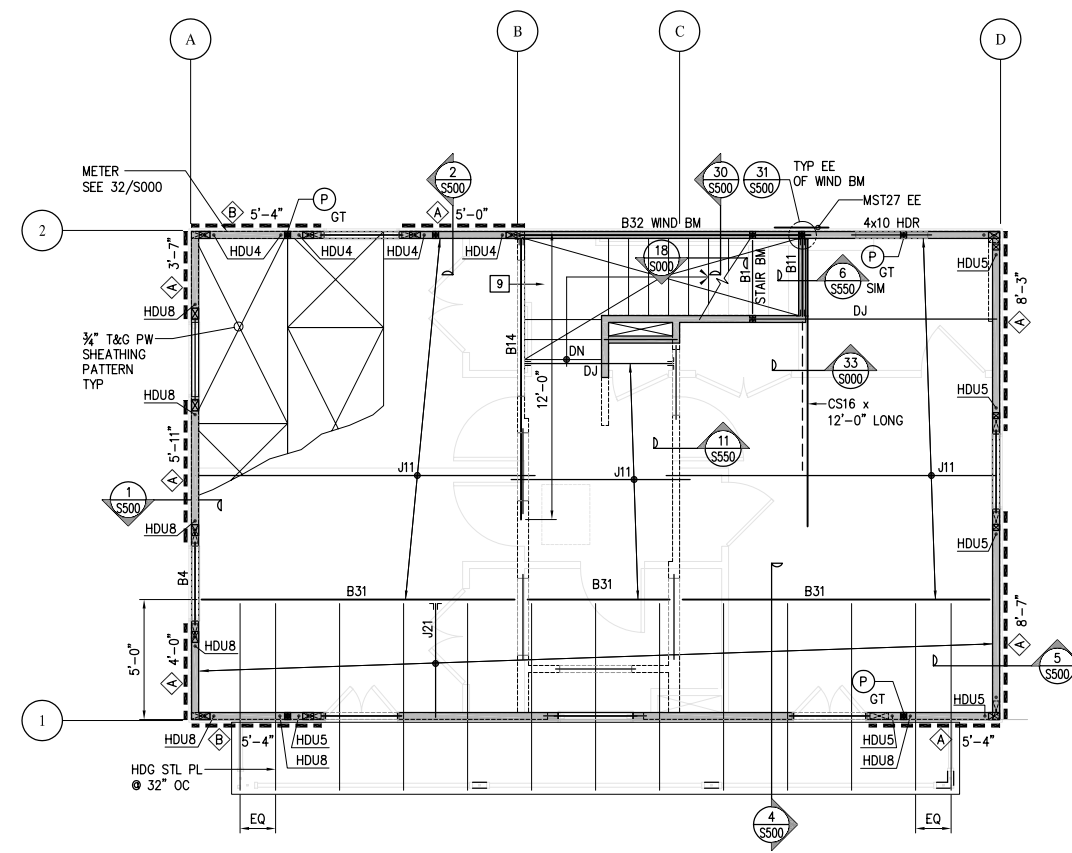
**FRAMING SCHEDULE**

MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
PFT	PREFABRICATED WOOD TRUSS @ 24" OC	BY TRUSS MFR
GT	PREFABRICATED GIRDER TRUSS	BY TRUSS MFR
HT	PREFABRICATED HIP TRUSS	BY TRUSS MFR
CT	COLLECTOR TRUSS W/ PW EN XXX DENOTES IN-PLANE COLLECTOR LOAD AT TOP CHORD	BY TRUSS MFR
J1	2x6 @ 16" OC	U26, LSU26 (U26-2 @ DJ)
J2	2x8 @ 16" OC	U26, LSSU28 (U26-2 @ DJ)
J3	2x10 @ 16" OC	U210, LSSU210 (U210-2 @ DJ)
J4	2x12 @ 16" OC	U210, LSSU210 (U210-2 @ DJ)
J10	9 1/2" TJI 210 @ 16" OC	IUS2.06/9.5 (MIU4.28/9 @ DJ)
J11	11 7/8" TJI 210 @ 16" OC	IUS2.06/11.88 (MIU4.28/11 @ DJ)
J12	14" TJI 210 @ 16" OC	IUS2.06/14 (MIU4.28/14 @ DJ)
J20	1 3/4"x9 1/2" LVL @ 16" OC	HU9
J21	1 3/4"x11 7/8" LVL @ 16" OC	HU11
J22	1 3/4"x14" LVL @ 16" OC	HU14
B1	4x6	U46
B2	4x8	U46
B3	4x10	U410
B4	4x12	U410
B5	6x6	U66
B6	6x8	U66
B7	6x10	U610
B8	6x12	HU612
B10	1 3/4"x9 1/2" LSL	HU9
B11	1 3/4"x11 7/8" LSL	HU11
B12	1 3/4"x14" LSL	HU14
B13	2-1 3/4"x9 1/2" LSL	U410
B14	2-1 3/4"x11 7/8" LSL	U410
B15	2-1 3/4"x14" LSL	U414
B20	1 3/4"x9 1/2" LVL	HU9
B21	1 3/4"x11 7/8" LVL	HU11
B22	1 3/4"x14" LVL	HU14
B23	2-1 3/4"x9 1/2" LVL	U410
B24	2-1 3/4"x11 7/8" LVL	U410
B25	2-1 3/4"x14" LVL	U414
B26	5 3/4"x7 1/4" LVL	HU68
B30	3 1/2"x9 1/4" PSL	HU410
B31	3 1/2"x11 7/8" PSL	HU412
B32	3 1/2"x14" PSL	HU416
B33	5 3/4"x9 1/4" PSL	HU610
B34	5 3/4"x11 7/8" PSL	HU612
B35	5 3/4"x14" PSL	HU616
B36	5 3/4"x16" PSL	
B37	5 3/4"x18" PSL	
B38	5 3/4"x20" PSL	
B39	7"x9 1/4" PSL	
B40	7"x11 7/8" PSL	
B41	7"x14" PSL	



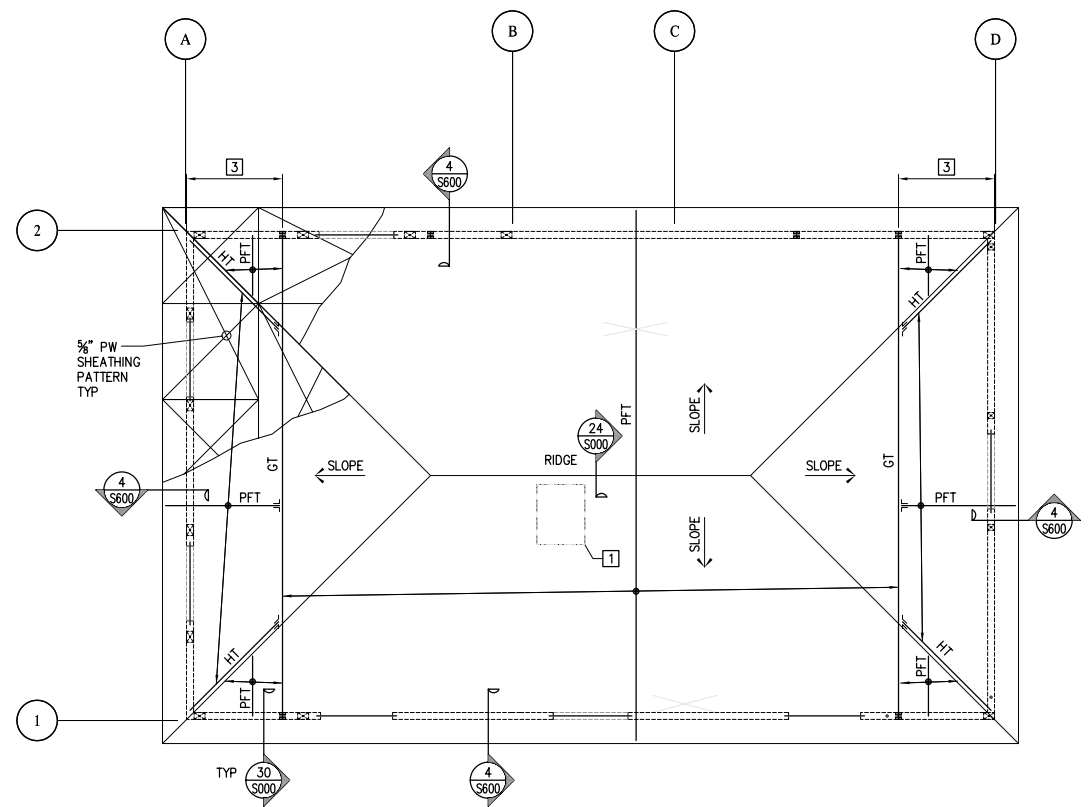
**1 D1 FIRST FLOOR FRAMING PLAN**

1/4"=1'-0"



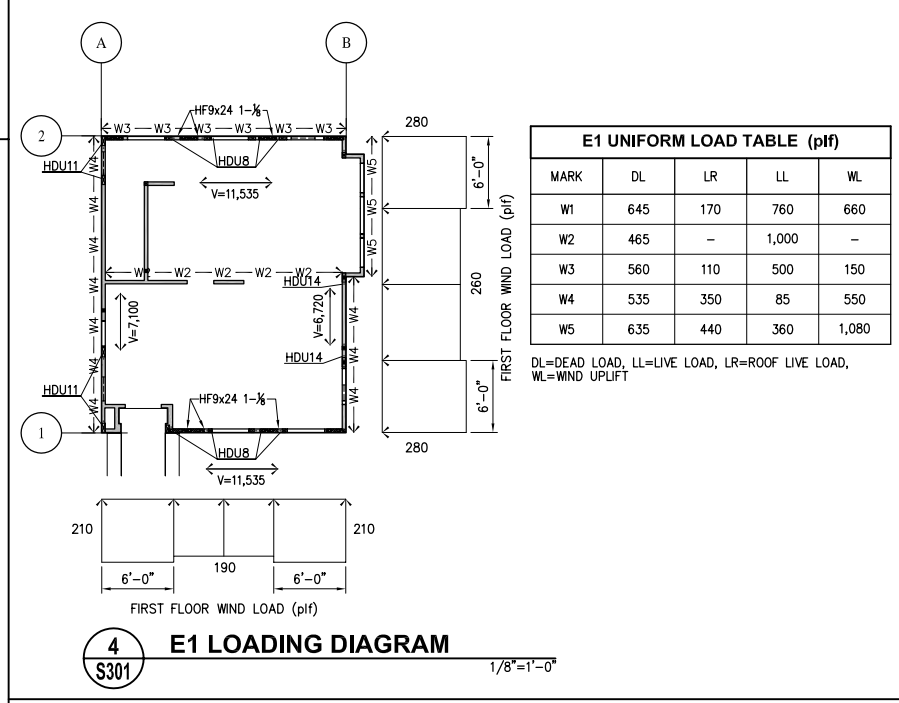
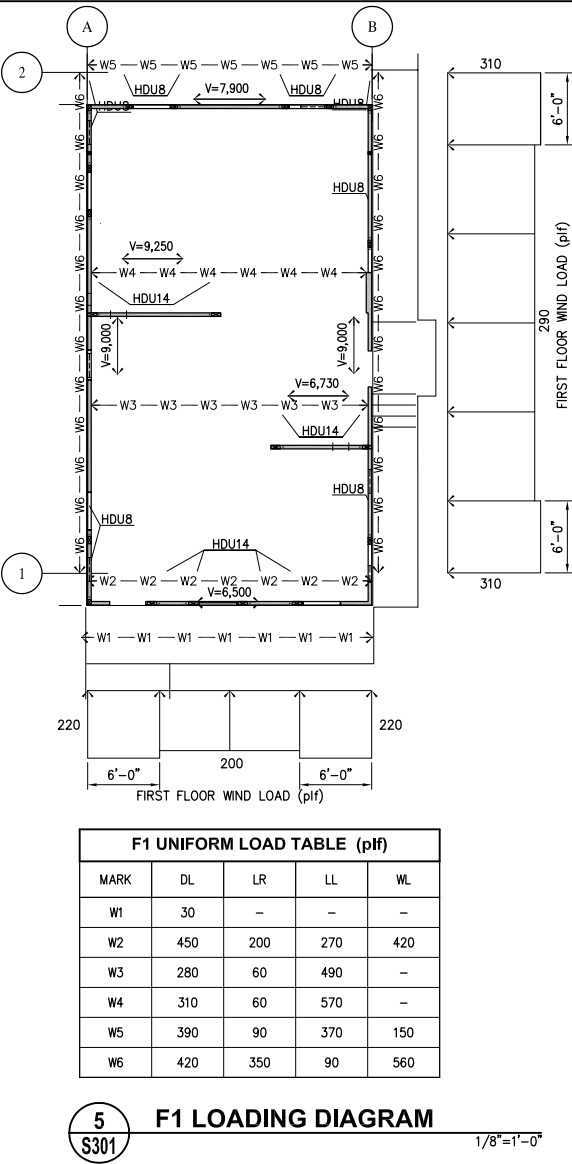
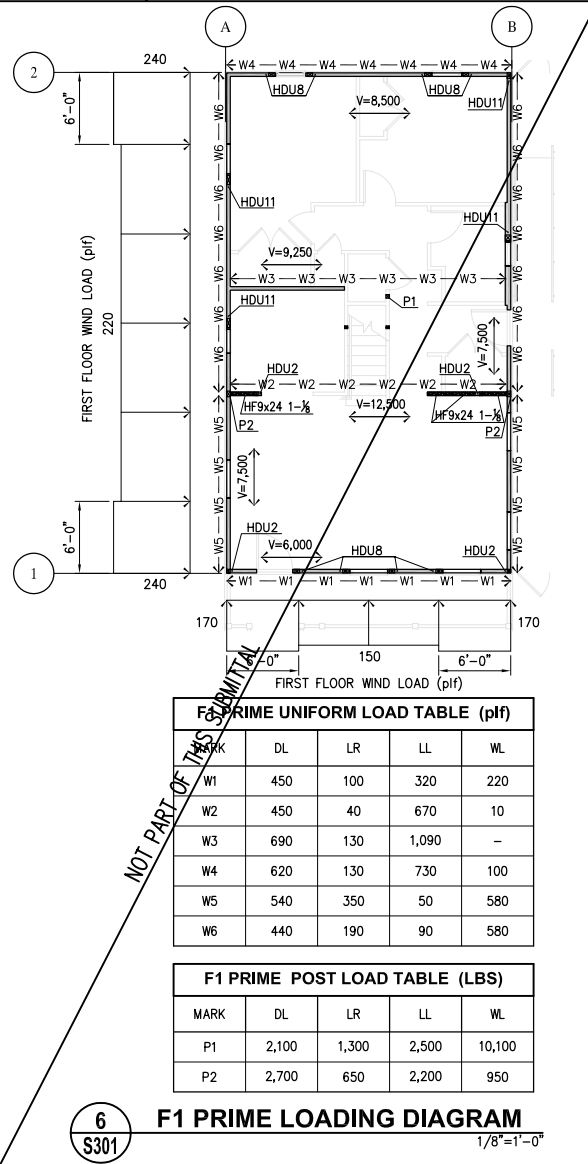
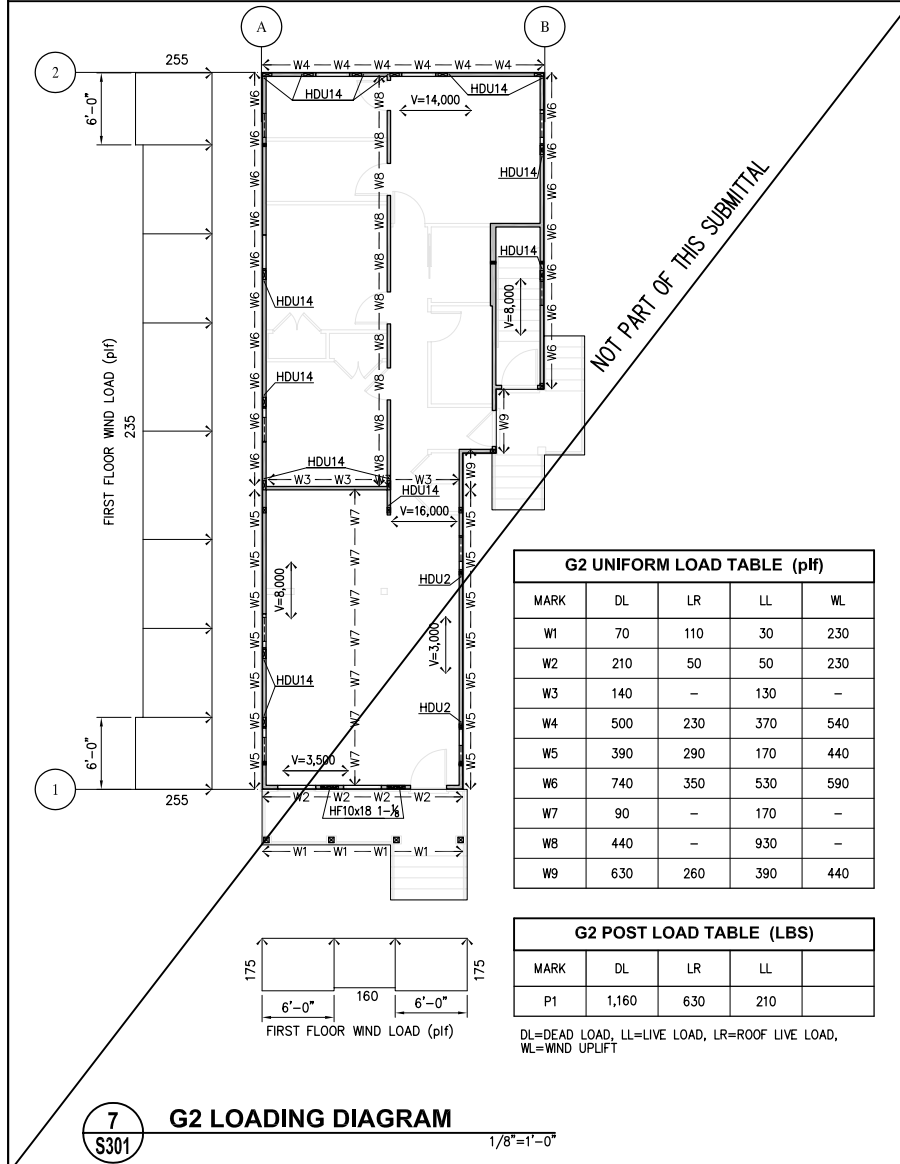
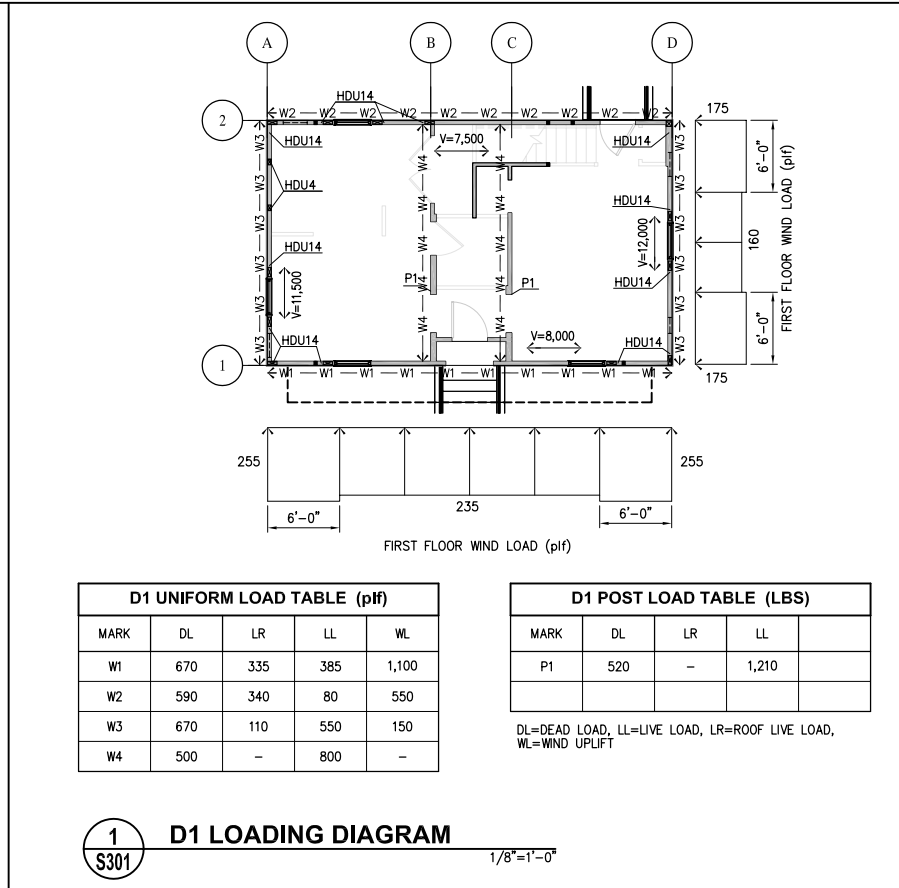
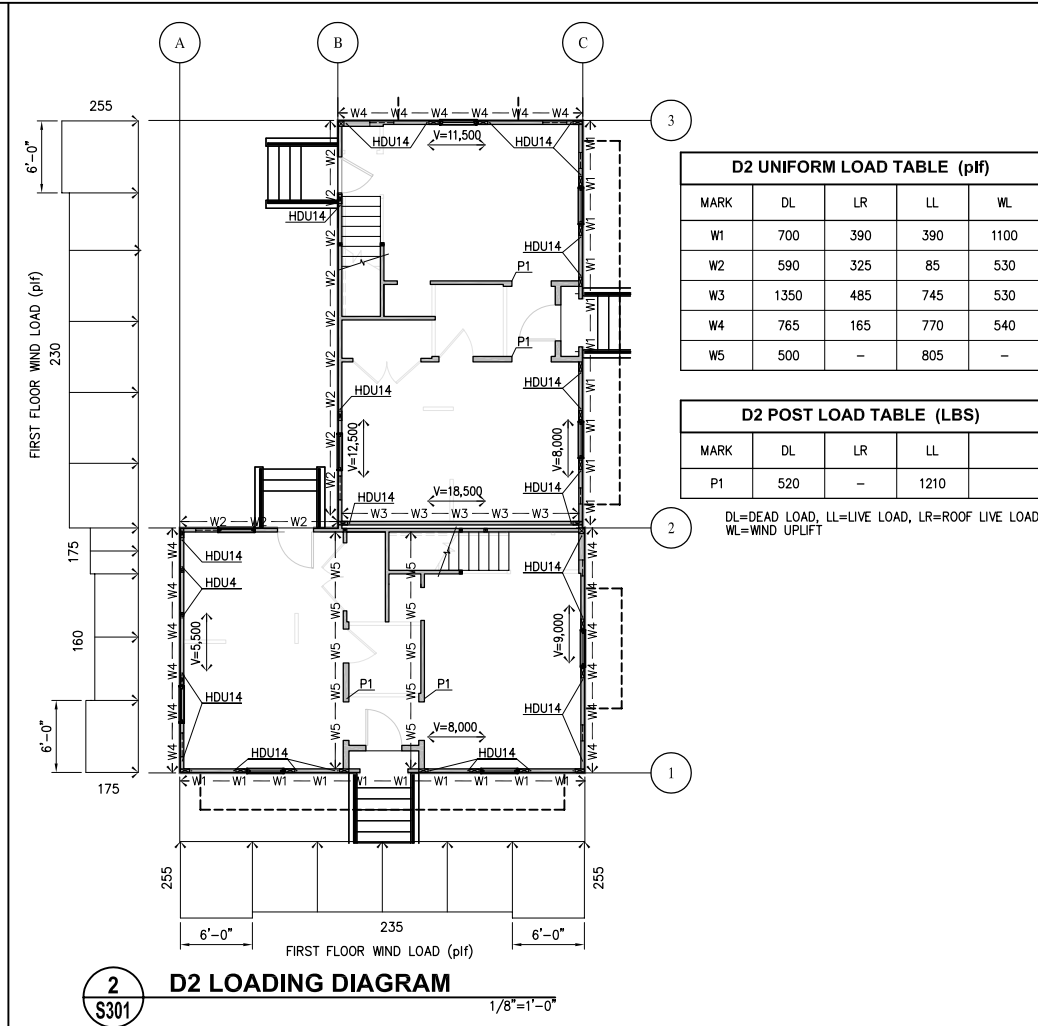
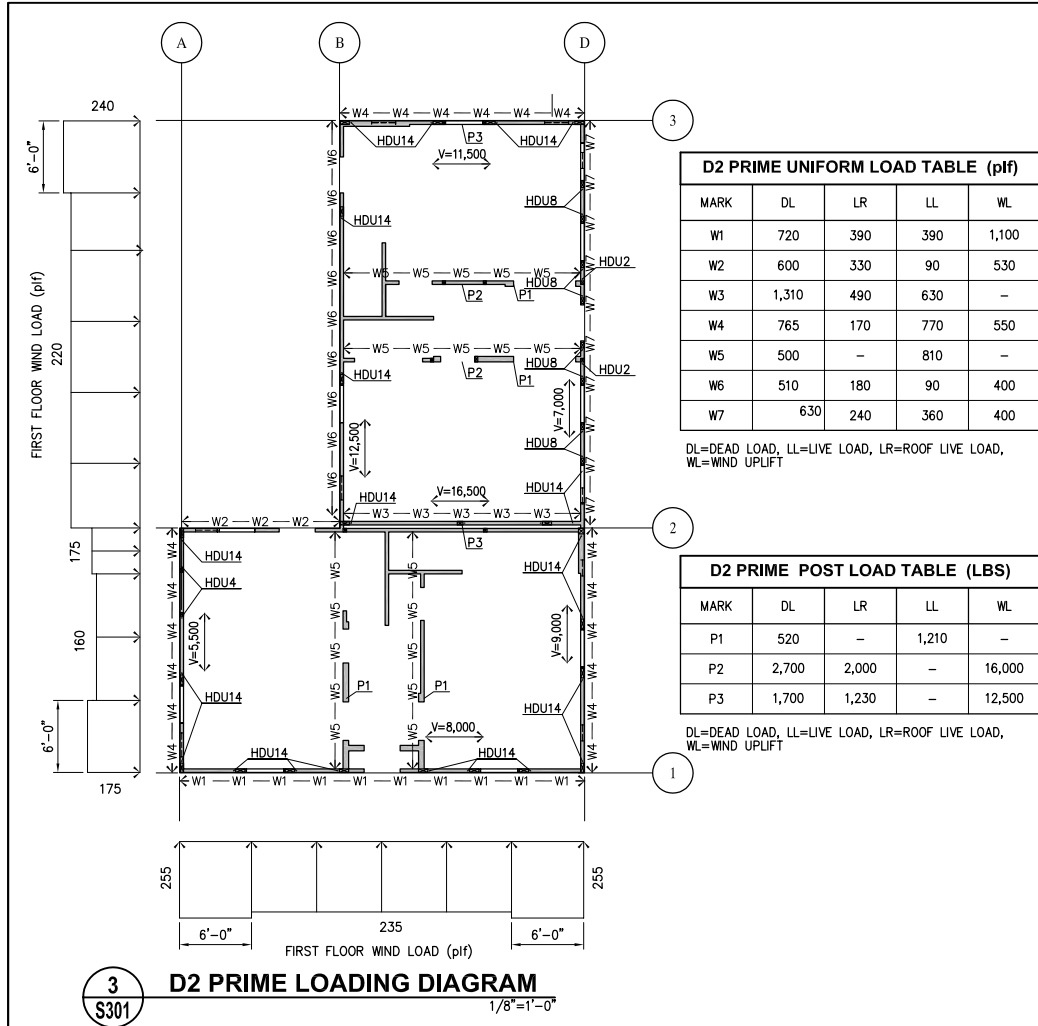
**2 D1 SECOND FLOOR FRAMING PLAN**

1/4"=1'-0"



**3 D1 ROOF FRAMING PLAN**

1/4"=1'-0"



**LOADING DIAGRAM NOTES**

- LOADING BASED ON ALLOWABLE STRESS DESIGN AND THE FOLLOWING:
  - 2006 INTERNATIONAL BUILDING CODE, BY THE INTERNATIONAL CODE COUNCIL.
  - ASCE 7-05, BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS.
  - 2001 WOOD FRAME CONSTRUCTION MANUAL BY THE AMERICAN FOREST AND PAPER ASSOCIATION. FOUNDATION ENGINEER SHALL USE APPROPRIATE LOADING COMBINATIONS IN ASCE 7-05, SECTION 2.4 TO DETERMINE CRITICAL LOADING ON EACH FOUNDATION ELEMENT.
- LOADING DIAGRAM INDICATES VERTICAL AND LATERAL LOADS FROM WOOD SUPERSTRUCTURE OF ALL FLOORS, WALLS AND ROOF. IT DOES NOT INCLUDE WEIGHT OF CRIPPLE WALLS AND LATERAL LOADS GENERATED BELOW BOTTOM OF FIRST FLOOR JOISTS.
- LOADING IS DENOTED AS FOLLOWS:
  - W# INDICATES UNIFORM LOAD. SEE "UNIFORM LOAD TABLE" FOR LOAD MAGNITUDE.
  - HDU# INDICATES LOCATION OF TENSION OR COMPRESSION FORCE DUE TO WIND LOADING. SEE "HOLDOWN LOAD TABLE" FOR LOAD MAGNITUDE.
  - HFXXX INDICATES PREFABRICATED HARDY PANEL SHEAR WALL. SEE "PREFABRICATED SHEAR WALL TABLE" FOR LOAD MAGNITUDE.
  - V INDICATES IN-PLANE SHEAR AT BRACED WALL LINES, FROM ROOF & SECOND FLOOR, ON STRUCTURE BELOW BOTTOM OF FIRST FLOOR JOISTS.
- FOUNDATION ENGINEER SHALL DESIGN ALL CRIPPLE WALLS, FOOTINGS, PILES, ETC. FOR LOADS NOTED HEREIN, PLUS ADDITIONAL LOADING, IF ANY, DUE TO WEIGHT AND WIND FORCE ON STRUCTURE BELOW BOTTOM OF FIRST FLOOR JOISTS.

**HOLDOWN LOAD TABLE**

MARK	T/C (LBS)
HDU2-SDS2.5	3075
HDU4-SDS2.5	4565
HDU5-SDS2.5	5645
HDU8-SDS2.5	7870
HDU11-SDS2.5	9535
HDU14-SDS2.5	14390

**PREFABRICATED SHEAR WALL TABLE**

MARK	T/C (LBS)
HF9x18 7/8	11,500
HF9x18 1-1/8	16,650
HF9x24 7/8	11,500
HF9x24 1-1/8	17,974

NOTE: APPLY SIMULTANEOUS TENSION & COMPRESSION (T/C) AT OPPOSITE ENDS OF SHEAR WALLS. SEE FIRST FLOOR FRAMING PLAN FOR SHEAR WALL LOCATIONS.

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**BID SET**  
OCTOBER 1, 2008

**REVISIONS**

MARK	NUMBER	DATE

**TREME/LAFITTE AND TULANE/GRAVIER HOME BUILDING PLAN**  
NEW ORLEANS, LOUISIANA

**PROVIDENCE COMMUNITY HOUSING & ENTERPRISE HOMES INC.**

**ISSUE DATE** 10/1/08

**SCALE**  
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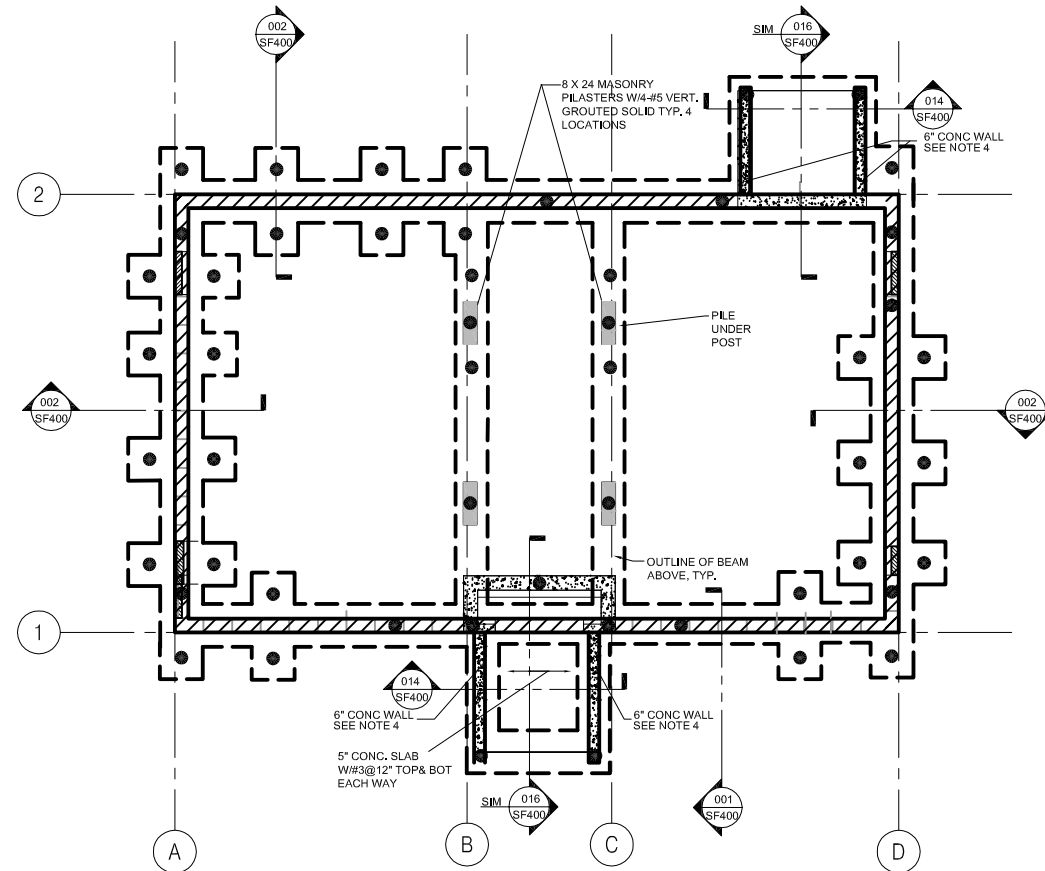
**PROJECT JOB NUMBER** IDA-08017

**DRAWING TITLE** BUILDINGS D1, D2, D2', E1, F1, F1' & G2 LOADING DIAGRAM

**SHEET NUMBER**

**S301**

**PLOT DATE** 10/8/2008 10:47AM



**1** D1 FIRST FLOOR FOUNDATION PLAN  
 SF101 1/4" = 1'-0"

- PLAN NOTES**  
 UNLESS NOTED OTHERWISE
- NOTE 1 INDICATES 8" MASONRY FOUNDATION WALL WITH #3 @ 48" O.C. (FOR ONE STORY)  
GROUT MASONRY WALL SOLID FULL LENGTH
  - NOTE 2 INDICATES 8" MASONRY FOUNDATION WALL WITH #3 @ 32" O.C. (FOR TWO STORY)  
GROUT MASONRY WALL SOLID FULL LENGTH
  - NOTE 3 INDICATES 8" MASONRY FOUNDATION WALL WITH #3 @ 8" O.C. (AT SHEAR WALLS)  
GROUT MASONRY WALL SOLID FULL LENGTH
  - NOTE 4 INDICATES 6" CONCRETE WALL W/#4@12" HORIZONTAL AND VERTICAL EACH FACE
  - NOTE 5 FOR PILES UNDER HOLDOWN ANCHORS HDU11 & HDU 14, PROVIDE HOLDOWN PILES. REFER TO DETAIL SF400-06.

**GENERAL NOTES - LAFITTE (FOUNDATION)**

1. THE GENERAL NOTES ARE INTENDED TO ALIGNMENT THE DRAWINGS AND SPECIFICATIONS. SHOULD CONFLICTS EXIST BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE STRICTEST PROVISION SHALL GOVERN.
2. SOILS INFORMATION, IF AVAILABLE TO THIS OFFICE, WILL BE MADE ACCESSIBLE TO THE CONTRACTOR AT HIS REQUEST.
3. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE LATEST ACI STANDARD SPECIFICATIONS FOR REINFORCED CONCRETE.
  - A. CONCRETE SHALL BE STANDARD WEIGHT AND SHALL TEST 4000 PSI AT 28 DAYS, EXCEPT NOTED OTHERWISE.
4. CONTRACTOR SHALL TAKE ALL THE NECESSARY PRECAUTIONS TO ARRANGE PILE DRIVING TO CONTAIN THE VIBRATIONS SO THAT THE ADJACENT EXISTING STRUCTURES OR UTILITIES ARE IN NO WAY AFFECTED OR THEIR STRUCTURAL STRENGTH IS EITHER REDUCED OR IMPAIRED DUE TO WORK RELATED TO PILE DRIVING.
5. THE CONTRACTOR SHALL INVESTIGATE THE EXISTING FOUNDATION SIZE AND FURNISH THE SAME INFORMATION TO THE ARCHITECT BEFORE COMMENCING ANY NEW WORK.
6. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. CONTRACTOR SHALL SUBMIT A COPY OF SUCH FIELD VERIFIED DIMENSIONS PLAN TO ARCHITECT BEFORE ANY FABRICATION IS UNDERTAKEN. THE DIMENSIONS SHOWN ON PLANS ARE TENTATIVE UNTIL SUCH TIME.
7. THE CONTRACTOR SHALL INVESTIGATE AND LOCATE ANY EXISTING ADJACENT BUILDINGS, SEWERS AND OTHER UTILITIES AND SHALL TAKE PROPER AND NECESSARY PRECAUTIONS TO PROTECT SAME FROM DAMAGE DUE TO THE EXECUTION OF NEW WORK. SHOULD DAMAGE OCCUR DUE TO THE CONTRACTOR'S NEGLIGENCE, THE COST AND RESPONSIBILITY FOR REPAIRING OR REPLACING THE WORK IN ITS ORIGINAL CONDITION SHALL BE BORNE BY THE CONTRACTOR AT NO COST TO THE OWNER.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
9. THE GOVERNING CODE FOR THE DESIGN IS THE INTERNATIONAL BUILDING CODE 2006.
10. ALL PILES SHALL BE ANSI CLASS 5\* TIMBER POLES MINIMUM BUTT 6" TIP 6" DRIVEN TO A DEPTH OF 45 FT. BELOW GRADE. TIMBER PILES SHALL BE TREATED WITH RETENTION IN ACCORDANCE WITH AWFAC3 FOR ROUND TIMBER.
  - A. TENSION PILES DESIGNATED \*\* ON DRAWINGS SHALL BE CLASS 5\* TIMBER PILES WITH 4" BUTT 6" TIP AND TREATED WITH RETENTION IN ACCORDANCE WITH AWFAC3 FOR ROUND TIMBER DRIVEN TO A DEPTH OF 45 FEET BELOW EXISTING GRADE. REFER TO DETAILS FOR TENSION ANCHORS.
11. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE LATEST ACI STANDARD SPECIFICATIONS FOR CONCRETE AND REINFORCING STEEL.
12. A. ALL CONCRETE FOR FIRST FLOOR AND FOUNDATION SHALL BE STANDARD WEIGHT & SHALL TEST 4000 PSI AT 28 DAYS. FLY ASH WILL NOT BE ALLOWED.
  - B. CONCRETE USED IN MASONRY WALL CONSTRUCTION SHALL BE STANDARD WEIGHT AND SHALL TEST 3000 PSI AT 28 DAYS.
13. ALL REINFORCING STEEL SHALL BE ASTM DESIGNATION A-615 (GRADE 60). DETAIL REINFORCING AND PROVIDE ACCESSORIES IN ACCORDANCE WITH THE LATEST ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
14. UNLESS NOTED OTHERWISE, WHERE CONTINUOUS REINFORCING IS DESIGNATED, LAP BOTTOM BARS 4 INCHES AT CENTERLINE OF SUPPORTS AND LAP TOP BARS 24 DIAS. (12" MIN.) MIDWAY BETWEEN SUPPORTS. AT NON-CONTINUOUS ENDS OF ALL BEAMS AND SLABS PROVIDE ACI RECOMMENDED 90 DEGREE HOOK FOR TOP BARS, EXCEPT AT CORNERS ONE HOOK ON EXTERIOR TOP BARS AND PROVIDE BARS (EXTERIOR HORIZONTAL TOP, BOTTOM AND ALL INTERMEDIATE BARS) LAPPING 24 DIAS. IN EACH DIRECTION. AT NON-CONTINUOUS ENDS AND CORNERS OF ALL WALLS, SEE "TYPICAL WALL DETAILS" IN THE ACI DETAILING MANUAL FOR HOOKS AND BARS FOR THE HORIZONTAL WALL REINFORCING.
15. REINFORCING CLEARANCES REQUIRED ARE AS FOLLOWS:
  - SLAB-BOTTOM REINF. = 1-1/2" CLEAR EXPOSED TO WEATHER.
  - 2-1/4" CLEAR NOT EXPOSED.
  - SLAB-TOP REINF. = 1-1/2" CLEAR INTERIOR (NOT EXPOSED).
  - 1-1/2" CLEAR EXPOSED TO WEATHER.
  - BEAMS = 1-1/2" CLEAR FORMED AND NOT EXPOSED.
 REFER TO LATEST ACI CODE FOR CONCRETE PROTECTION NOT STATED ABOVE.
16. WELDED WIRE FABRIC USED IN FLOOR SLABS SHALL CONFORM TO ASTM A-185.
17. WEDGE TYPE CONCRETE ANCHORS SHALL BE PARALICLS OR APPROVED EQUAL.
18. ALL MASONRY WALLS SHALL MEET THE LATEST STANDARD SPECIFICATIONS FOR MASONRY UNITS (ASTM C90-75), AND SHALL USE TYPE "M" OR "S" MORTAR.
19. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF PIPE AND DUCT SLEEVES AS INDICATED ON THE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND NOT DETAILED ON THE STRUCTURAL DRAWINGS. THESE SLEEVES SHALL BE STEEL AND SHALL NOT INTERFERE WITH THE STRUCTURAL FRAMING, NOR SHALL THEY IMPAIR THE STRENGTH OF THE STRUCTURE.

REFER TO ARCHITECTURAL FOUNDATION PLANS FOR DIMENSIONS NOT SHOWN

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**PERMIT SET**  
**SEPTEMBER 2, 2008**

**REVISIONS**

MARK	NUMBER	DATE

**TREME/LAFITTE AND TULANE/GRAVIER HOME BUILDING PLAN**  
 NEW ORLEANS, LOUISIANA  
**PROVIDENCE COMMUNITY HOUSING & ENTERPRISE HOMES INC.**

**ISSUE DATE**

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**ELECTRONIC CAD FILENAME**  
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**PROJECT JOB NUMBER**  
 200807

**DRAWING TITLE**  
 D1 FIRST FLOOR FOUNDATION PLAN

**SHEET NUMBER**

**SF101**

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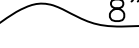
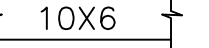

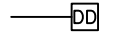

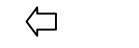
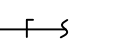






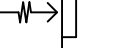


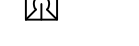


## GENERAL NOTES

- CONTRACTOR SHALL VISIT JOB SITE, VERIFY FIELD CONDITIONS, REVIEW PLAN AND SPECIFICATIONS AND SHALL INCLUDE IN HIS PRICE THE NECESSARY COST TO CONSTRUCT THIS PROJECT IN ACCORDANCE WITH THE MECHANICAL DRAWING AND SHALL MEET ALL APPLICABLE CODES.
- ALL MATERIAL AND EQUIPMENT FURNISHED AND INSTALLED SHALL BE NEW, FREE FROM DEFECTS AND SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER. SHOULD ANY TROUBLE DEVELOP DURING THE PERIOD DUE TO FAULTY WORKMANSHIP OR MATERIAL, THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIAL AND LABOR TO CORRECT THE TROUBLE WITHOUT COST TO THE OWNER.
- CONTRACTOR IS TO REVIEW THE PLANS OF OTHER DISCIPLINES AND COORDINATE WITH THE WORK OF OTHER TRADES PRIOR TO INSTALLATION TO AVOID ANY CONFLICT BETWEEN DUCTS, CONDUITS, SPRINKLERS, PIPING, LIGHTING FIXTURES, ETC. NO EXTRAS WILL BE ALLOWED FOR CORRECTION OF CONFLICTS DUE TO LACK OF COORDINATION.
- THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE EXACT LOCATION OF PIPING, DUCT WORK OR DIFFUSERS.
- THE CONTRACTOR SHALL BRING TO THE ARCHITECT'S ATTENTION ANY DISCREPANCY OR CONFLICTS IN THE PLANS OR THE SITE CONDITIONS. ALL NECESSARY CHANGES MUST BE APPROVED IN WRITING BY THE ARCHITECT BEFORE START OF WORK.
- CONTRACTOR TO SUBMIT CATALOG CUT SHEETS OF ALL THE MATERIAL AND EQUIPMENT TO BE USED AND WORKING SHOP DRAWINGS FOR APPROVAL BEFORE START OF WORK.
- SUPPORTS FOR ALL PIPING AND DUCTWORK SHALL BE IN ACCORDANCE WITH LATEST SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING SYSTEMS" AND UMC.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES REQUIRED FOR THE WORK.

## HVAC GENERAL NOTES

- VERIFY EXACT SIZE AND LOCATION OF OPENINGS THROUGH BEAMS, CONCRETE WALLS AND SLABS WITH STRUCTURAL ENGINEER, PRIOR TO INSTALLATION OR PURCHASE.
- SEAL ALL AIR PLENUMS, DUCT SHAFTS AND PENETRATIONS AIRTIGHT.
- FLEX DUCTS MAY BE USED IN BETWEEN JOISTS AND AT CONNECTION TO DIFFUSERS. FLEX DUCT SHALL BE LISTED AND LABELED UMC 10-1 (UL181)
- SEE STRUCTURAL DRAWINGS FOR MINIMUM DISTANCE BETWEEN PIPE SLEEVES AND OTHER PENETRATIONS OF STRUCTURAL SLABS AND WALLS.
- PROVIDE NECESSARY TRANSITION PIECES UNDER BEAMS TO AVOID CONFLICT WITH CEILING, LIGHTS, PIPING, ETC. AS REQUIRED.
- FASTEN ALL DUCTWORK JOINTS AND SEAMS WITH SHEET METAL SCREW AND CAULK AIR TIGHT TO AVOID AIR STREAK PER SMACNA STANDARD. ALL DUCTWORK SHALL BE SEALED PER SMACNA SEALING CLASS A.
- CONTRACTOR SHALL COORDINATE WITH ARCHITECT BEFORE PURCHASING DIFFUSERS AND GRILLES TO VERIFY SIZE, TYPE AND FINISH. COORDINATE LOCATIONS WITH LIGHTING AND REFLECTED CEILING PLANS.
- LINING MATERIALS INSTALLED WITHIN DUCTS TO HAVE MOLD, HUMIDITY, AND EROSION RESISTANT SURFACE THAT MEETS THE REQUIREMENTS OF 2001 UMC 605.0.
- INSULATION MATERIALS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND SMOKE-DEVELOPED NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION PER 2001 UMC 605.0.
- SUBMIT AIR BALANCING REPORT FOR REVIEW AND APPROVAL.

## HVAC LEGEND

SYMBOL	ABBREV.	DESCRIPTION
Ⓧ	--	THERMOSTAT
	--	DUCT SIZE (DIAMETER)
	--	DUCT SIZE (WIDTH X DEPTH)
	FSD	FIRE/SMOKE DAMPER
	DD	DUCT SMOKE DETECTOR
Ⓢ	SD	SMOKE DETECTOR
	FD	FIRE DAMPER
	--	AIR FLOW DIRECTION
--	CD	CONDENSATE DRAIN LINE
	--	MANUAL VOLUME DAMPER
	--	FLEXIBLE DUCT
	RA/EX	RETURN AIR/EXHAUST AIR, Ⓢ DENOTES DIFFUSER TYPE, # DENOTES CFM
	SA/FA	SUPPLY AIR/MAKE-UP AIR/FRESH AIR, Ⓢ DENOTES DIFFUSER TYPE, # DENOTES CFM
	--	SHEET NOTES NOTATION
	--	EQUIPMENT TAG
	--	DETAIL DRAWING REFERENCE
	WRG	WALL RETURN REGISTER. SEE SCHEDULE.
	WSD	WALL SUPPLY DIFFUSER. SEE SCHEDULE.
	LSD	LINEAR SLOT DIFFUSER. SEE SCHEDULE
	CSD	CEILING SUPPLY DIFFUSER. SEE SCHEDULE.
	CRR	CEILING RETURN REGISTER. SEE SCHEDULE.
	EF	EXHAUST FAN

## DIFFUSER AND GRILLE SCHEDULE

WSD	WALL SUPPLY DIFFUSER HART & COOLEY 661, WHITE, TWO-WAY DEFLECTION. *150 CFM OR LESS: 12x6 *151 - 215 CFM: 12x8 *216 - 260 CFM: 14x8 *261 - 300 CFM: 16x8 *301 - 340 CFM: 18x8 *341 - 380 CFM: 20x8
CSD	CEILING SUPPLY DIFFUSER HART & COOLEY 661, WHITE, TWO-WAY DEFLECTION. *150 CFM OR LESS: 12x6 *151 - 215 CFM: 12x8 *216 - 260 CFM: 14x8 *261 - 300 CFM: 16x8 *301 - 340 CFM: 18x8 *341 - 380 CFM: 20x8
FD	FLOOR SUPPLY DIFFUSER HART & COOLEY 210, GOLDEN SAND ENAMEL FINISH. *190 CFM OR LESS: 12x6 *191 - 265 CFM: 12x8 *266 - 300 CFM: 14x8 *301 - 345 CFM: 16x8

## HEAT PUMP AND FAN COIL SCHEDULE

TAG	MAKE/MODEL	CFM	NET COOLING (BTUH)	HIGH HEAT CAP (BTUH)	SEER	ELECTRICAL						LIQUID-SUCTION SIZE (IN)	REMARK	WEIGHT (LBS.)	
						VOLTS	PHASE	HERTZ	FLA	MCA	FUSE/HACR BKR AMPS				MOCP
HP-01	CARRIER/38QRR060A003	--	55,500	57,000	13.0	208/230	1	60	27.85	34.5	60	--	3/8-7/8		306
FC-01	CARRIER/FX4CNF060010	2000				208/230	1	60	5.2	51.8/56.5	--	50/60	① ②	198	

## EXHAUST FAN SCHEDULE

TAG	MAKE/MODEL	CFM	S.P.	SONES	NOMINAL RPM	ELECTRICAL					REMARK	WEIGHT (LBS.)
						VOLTS	PHASE	HERTZ	AMPS	WATTS		
EF-01	SEE ELECTRICAL DRAWINGS										② ③	--
EF-02	SEE ELECTRICAL DRAWINGS										② ③	--

- PROVIDE 2" 30% PLEATED DISPOSABLE FILTER
- PROVIDE FLEXIBLE CONNECTION
- PROVIDE VIBRATION ISOLATOR



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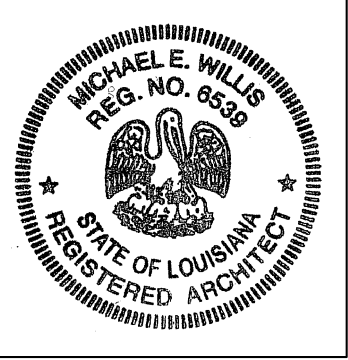
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**BID SET  
OCTOBER 1, 2008**

### REVISIONS

MARK	NUMBER	DATE

**TREME/LAFITTE AND TULANE/GRAVIER  
HOME BUILDING PLAN**  
NEW ORLEANS, LOUISIANA  
PROVIDENCE COMMUNITY HOUSING &  
ENTERPRISE HOMES INC.

ISSUE DATE: 9/2/08

**SCALE**  
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**DRAWN**

**CHECKED**

**ELECTRONIC CAD FILENAME**

**PROJECT JOB NUMBER**  
200807

**DRAWING TITLE**  
D1 MECHANICAL  
NOTES, LEGEND  
AND SCHEDULES

**SHEET NUMBER**

**M001**

PLOT DATE 9/26/2008 3:22PM

SHEET NOTES

1. NOT USED.
2. BROAN WALL CAP, MODEL 885AL, S.A.D.
3. 4"Ø DUCT FOR DRYER EXHAUST.
4. BROAN WALL CAP, MODEL 641, S.A.D.
5. 6"x12" O.A. DUCT FROM ROOF WITH O.B.D. AND CAP, S.A.D.

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OCTOBER 1, 2008

REVISIONS

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**TREME/LAFITTE AND TULANE/GRAVIER HOME BUILDING PLAN**  
NEW ORLEANS, LOUISIANA

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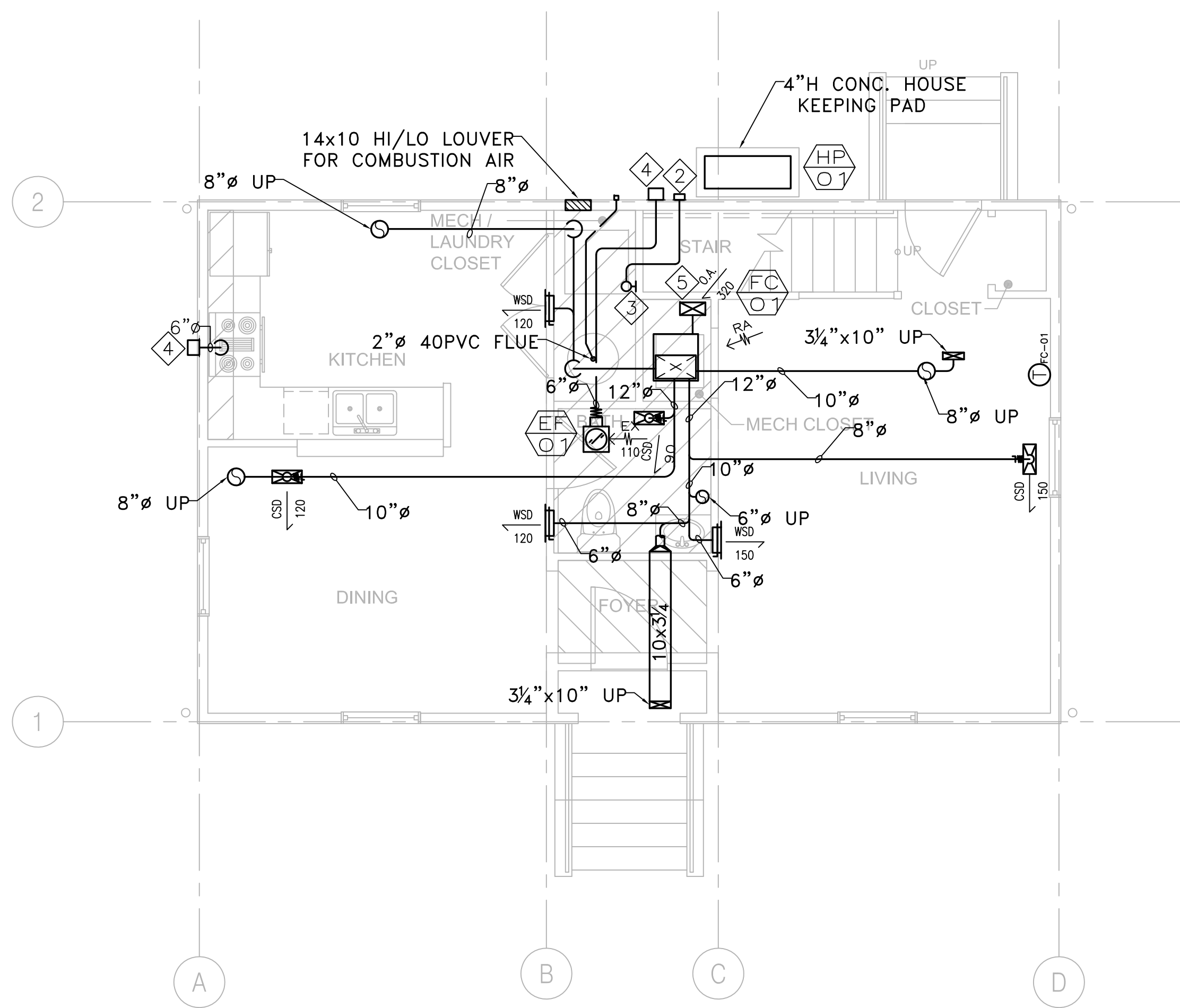
**DRAWING TITLE**

D1 MECHANICAL FLOOR PLANS

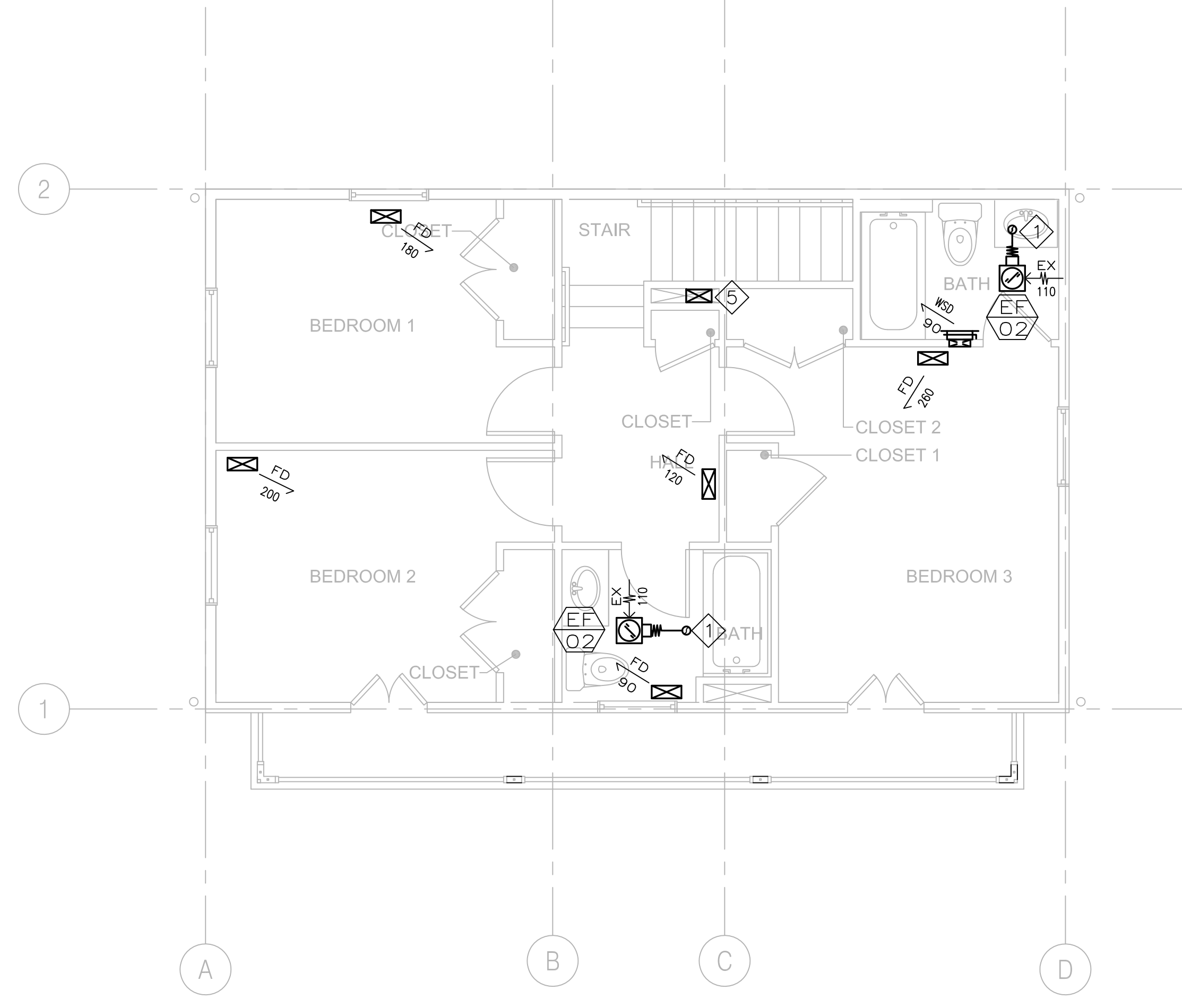
**SHEET NUMBER**

**M100**

PLOT DATE 9/26/2008 3:23PM



1 D1 MECHANICAL FIRST FLOOR PLAN  
M100 1/4" = 1'-0"



2 D1 MECHANICAL SECOND FLOOR PLAN  
M100 1/4" = 1'-0"



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# PLUMBING GENERAL NOTES

1. PROVIDE ISOLATED COUPLINGS AND/OR UNIONS AT POINTS OF CONNECTION BETWEEN COPPER, STEEL AND BRASS PIPING, EPCO OR EQUAL.

2. ALL WATER PIPING SYSTEMS AND DRAINAGE PIPING SYSTEMS, INCLUDING SUPPLY, WASTE AND DRAIN SHALL BE INSTALLED WITH VIBRATION ISOLATORS AND SHALL BE ISOLATED FROM ANY STRUCTURAL MEMBERS, WALL SECTIONS OR OTHER MATERIALS THAT COULD TRANSMIT SOUND TO THE OCCUPIED AREAS. ALL HANGERS, STRAPS, BRACKETS, AND SUPPORTS SHALL HAVE ACOUSTICAL COMPONENTS OR COMBINED NEOPRENE AND PLASTIC FOAM BY TECH SPECIALTIES, DIVISION OF SPECIALTY PRODUCTS CO. TO ISOLATE COMPLETE PIPE CONTACT AREA. ALL ISOLATION MATERIAL SHALL HAVE A MINIMUM THICKNESS OF 1/2." INSTALL ALL COMPONENTS AS PER MANUFACTURER'S INSTRUCTIONS.

3. INSTALL ALL CLEANOUTS WHERE REQUIRED BY CODE AND ORDINANCES, AND AT ENDS OF HOUSE DRAINS, AT ALL CHANGES IN DIRECTIONS, IN ALL STRAIGHT RUNS AT 100 FOOT INTERVALS, WHERE HORIZONTAL MAINS CHANGE SIZE, AND AT ALL ENDS OF ALL BRANCH PIPES WHICH ARE 5' OR OVER IN LENGTH.

4. PLUMBING FIXTURES SHALL BE COMPLETE WITH ALL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.

5. SELECTION OF FAUCETS AND FITTINGS SHALL AVOID THE TYPE WITH POTENTIAL FOR LEAD CONTAMINATION.

6. INSTALL STOP VALVES ON HOT AND COLD WATER SUPPLIES TO EACH FIXTURE.

7. ALL FLOOR DRAIN MUST HAVE 1/2"Ø COLD WATER CONNECTED TO TRAP PRIMER (PIPING NOT SHOWN FOR CLARITY).

8. MATERIALS, METHODS AND LOCATIONS OF SERVICE MAINS CONNECTING THE NEW CONSTRUCTION TO ALL NEW AND EXISTING SERVICES SHALL BE IN STRICT ACCORDANCE WITH RULES, REGULATIONS, CODES AND REQUIREMENTS OF ALL AGENCIES HAVING JURISDICTION OVER THIS INSTALLATION. COORDINATE LOCATION OF WATER AND SEWER CONNECTIONS WITH LOCAL AUTHORITIES.

9. CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES AND TRIM AS SHOWN ON THE ARCHITECTURAL PLANS. ROUGH-IN FOR ALL FIXTURES SHALL BE EXACTLY TO MEASUREMENTS FURNISHED BY FIXTURE MANUFACTURER. ALL EXPOSED PARTS TO BE CHROMIUM PLATED UNLESS SPECIFIED OTHERWISE.

10. CAULK AIRTIGHT ALL PLUMBING PENETRATIONS IN SOUND RATED WALLS AND FLOOR/CEILINGS. SEAL PENETRATIONS OF CONCRETE FLOORS WITH CEMENT GROUT. MINIMIZE PENETRATIONS THROUGH SOUND RATED CONSTRUCTION.

11. KEEP ROUGH-IN CUTS WITHIN THE PLATE LINES AND DO NOT CUT COMPLETELY THROUGH PLATES IN SOUND-RATED WALLS. DRILL OR SAW NEAT ROUND HOLES FOR ALL PIPING. SIZE APPROXIMATELY 1/2" LARGER THAN THE PIPE DIAMETER.

12. PROVIDE AERATION DEVICES ON ALL KITCHEN SINK AND LAVATORY FAUCETS.

13. PIPE LINES SHALL BE INSTALLED FREE FROM TRAPS AND AIR POCKETS AND TRUE TO LINE AND GRADE WITH SUITABLE SUPPORTS PROPERLY SPACED.

14. HORIZONTAL LINES SHALL HAVE HANGERS OR SUPPORTS SPACED AS FOLLOWS (BASED ON CURRENT LOCAL CODES):  
 A. CAST IRON PIPE - 5' CENTERS FOR LEAD AND OAKUM JOINT; FOR OTHER JOINT TYPES, EVERY OTHER JOINT, UNLESS OVER 4', EVERY JOINT.  
 B. STEEL PIPE - 10' CENTERS FOR 3/4" AND SMALLER, 12' FOR 1" AND LARGER.  
 C. COPPER TUBING - 5' CENTERS FOR 1/2" AND SMALLER, 10' FOR 2" AND LARGER.

15. PIPING SHALL BE NEW AND FREE FROM FOREIGN SUBSTANCES. REAM OUT ALL BURRS FORMED IN CUTTING PIPE. THREADS SHALL BE CUT ACCURATELY AND NOT OVER TWO THREADS SHALL SHOW BEYOND THE FITTING. FRICTION WRENCHES SHALL BE USED WITH PLATED POLISHED, G

↳ SHALL BE DONE ONLY WHEN IT IS IMPOSSIBLE TO ROUTE PIPING IN ANOTHER MANNER. IF CUTTING OR BORING IS NECESSARY IT SHALL BE ACCOMPLISHED ONLY BY WRITTEN APPROVAL FROM THE ARCHITECT AND BUILDING ENGINEER.

19. DO NOT ALLOW THE PIPING, VALVES OR CONNECTORS TO FORM A RIGID CONNECTION WITH THE STRUCTURE OR OTHER PIPES. INSTALL PIPING TO ALLOW FOR EXPANSION AND CONTRACTION WITHOUT STRESSING PIPE, JOINTS OR CONNECTED EQUIPMENT.

20. PROVIDE WATER HAMMER ARRESTORS IN SUPPLY LINES CONNECTED TO FIXTURES AND APPLIANCES. (18" LONG AIR CHAMBER ACCEPTABLE.)

21. THE NEW DOMESTIC WATER SUPPLY AND DISTRIBUTION SYSTEM SHALL BE STERILIZED WITH CHLORINE IN SOLUTION IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION PUBLICATION C-651-1999.

22. PRESSURE TEST ENTIRE NEW HOT AND COLD PIPING AND DRAINAGE SYSTEM UP TO POINT OF CONNECTION. VERIFY (E) OVERHEAD & UNDERGROUND PIPING.

23. HOT WATER PIPING TO BE INSULATED PER CURRENT LOCAL ENERGY EFFICIENT STANDARD.

24. HORIZONTAL DRAINAGE PIPING SHALL BE RUN IN PRACTICAL ALIGNMENT AND A UNIFORM SLOPE OF NOT LESS THAN 1/4" PER FT AS PER CURRENT LOCAL CODES .

25. ALL DOMESTIC WASTE AND VENT (DWV) PIPING SHALL BE CAST IRON OR DWV COPPER.

26. CONCEAL ALL PIPING INSIDE WALL WHENEVER POSSIBLE. OTHERWISE CONSULT ARCHITECT FOR LOCATION FOR EXPOSED PIPES.

PLUMBING FIXTURE CONNECTION SIZE (INCHES)					
SYMBOL	W	V	HW	CW	REMARK
WC	3	2	-	1 1/2"	Ⓛ
LAV	2	1 1/2"Ø	1/2"Ø	1/2"Ø	Ⓛ
UR	2	1 1/2"Ø	-	3/4"Ø	Ⓛ
FD	2	1 1/2"Ø	-	-	PROVIDE 1/2"Ø CW AND TIE TO TRAP PRIMER

REMARK:  
 Ⓛ PROVIDE WATER HAMMER ARRESTER FOR EACH FIXTURE BANK OR MIN. 18" AIR CHAMBER AT EACH PLUMBING FIXTURE.

## LEGEND

SYMBOL	ABBREV.	DESCRIPTION
-----	W	WASTE BELOW FLOOR
-----	V	VENT
-----	CW	COLD WATER
-----	HWS	HOT WATER SUPPLY
-----	G	GAS LINE
—⊕	FCO	FLOOR CLEAN OUT
—∩	--	PIPE DOWN
⊕	FD/RD	FLOOR DRAIN/ROOF DRAIN
>	--	FLOW DIRECTION
.	--	PLUMBING FIXTURE CONNECTION
Ⓛ	--	SHEET NOTES NOTATION
●○	--	WASHER BOX
EQ #	--	EQUIPMENT TAG
0 P-7		DETAIL TAG

## EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION
WH 1	GAS WATER HEATER AO SMITH MODEL GPHE-50 STORAGE: 50 GAL INPUT(NG): 76,000 BTU ELECTRICAL FOR BLOWER: 120V/60HZ ELECTRICAL SYSTEM (RATING 5 AMPS OR LESS). 6-FOOT CORD WITH STANDARD 3-PRONG CONNECTOR EFFICIENCY:90% OPERATING WEIGHT: 630 LBS ACCESSORIES: DRAIN PAN, T&P VALVE, 4" HOUSE KEEPING PAD, POWER VENT KIT, NEUTRALIZER KIT, AND VENT ATTENUATION ASSEMBLY KIT. NOTE: SET @ 120°F. 2" PVC PIPE, VENTS UP TO 25' EQUIVALENT. 3" PVC PIPE, VENTS UP TO 65' EQUIVALENT. 4" PVC PIPE, VENTS UP TO 128' EQUIVALENT.

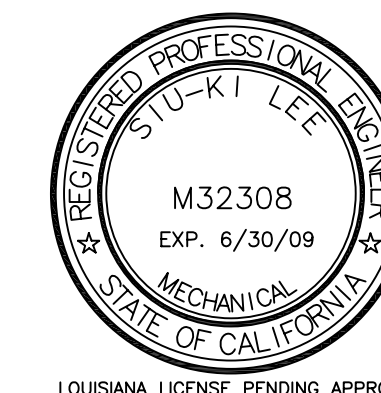
PLUMBING SIZING CALCULATIONS							
*TAG	FIXTURE	QTY.	DRAIN/VENT F.U.	W	WATER SUPPLY F.U.	HW	CW
WC	WATER CLOSET	3	3	9	2.5	0	7.5
LAV	LAVATORY	3	2	6	1	3	3
BT	BATHTUB/SHOWER	2	2	4	4	8	8
KS	KITCHEN SINK	1	2	2	2	2	2
WS	CLOTHES WASHER	1	3	3	4	4	4
DW	DISHWASHER	1	--	--	1.5	1.5	--
HB	HOSE BIBB	2	--	--	1	--	2
FD	FLOOR DRAIN	1	--	2"Ø	1.5	1.5	--
	TOTAL			24		18.5	26.5
					GPM	20	22
				4"ØW		1"ØHW	1 1/4"ØCW

PLUMBING FIXTURE SCHEDULE				
TAG	FIXTURE TYPE	MAKE/MODEL	SUPPLY	REMARK
WC	FLOOR MOUNTED WATER CLOSET	ZURN / ECOVANTAGE DUAL FLUSH EL ADA	MC GUIRE H-159LK	BEMIS OPEN FRONT SEAT
LAV	COUNTER MOUNTED LAVATORY	AMERICAN STANDARD / CADET OVAL COUNTERTOP SINK	ZURN CETERSET METERING FAUCET #Z86500	TRAP & STOP REQ'D, INSULATE TRAP & HW
BT/SH	BATHTUB	KOHLER / ARCHER BATHTUB	ZURN SHOWER HEAD #Z7000-S8	TRAP & STOP REQ'D, INSULATE TRAP & HW
KS	KITCHEN SINK	DAYTON / DOUBLE BOWL STAINLESS 20 GALLON	MOEN # 7200	TRAP & STOP REQ'D, INSULATE TRAP & HW
FD	FLOOR DRAIN	ZURN / Z300 FLOOR DRAIN OR EQUIVALENT		1/2"Ø CW TO TRAP PRIMER

GAS SIZING CALCULATIONS			
TAG	DESCRIPTION	QTY.	BTUH (PER EQPMT.)
WH	WATERHEATER	1	76,000
WS	WASHER/DRYER	1	35,000
	TOTAL (MBTUH)		111,000
	TOTAL (CFH)		101



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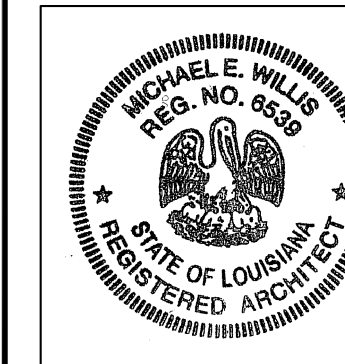
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**BID SET**  
**OCTOBER 1, 2008**

**REVISIONS**  
 MARK NUMBER DATE

MARK	NUMBER	DATE

**TREME/LAFITTE AND TULANE/GRAVIER HOME BUILDING PLAN**  
 NEW ORLEANS, LOUISIANA  
**PROVIDENCE COMMUNITY HOUSING & ENTERPRISE HOMES INC.**

ISSUE DATE: 9/2/08

**SCALE**  
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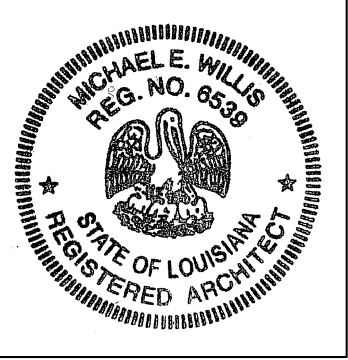
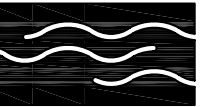
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GENERAL NOTES  
 LEGEND, SCHEDULE

**SHEET NUMBER**

P-0

PLOT DATE 9/26/2008 6:34PM



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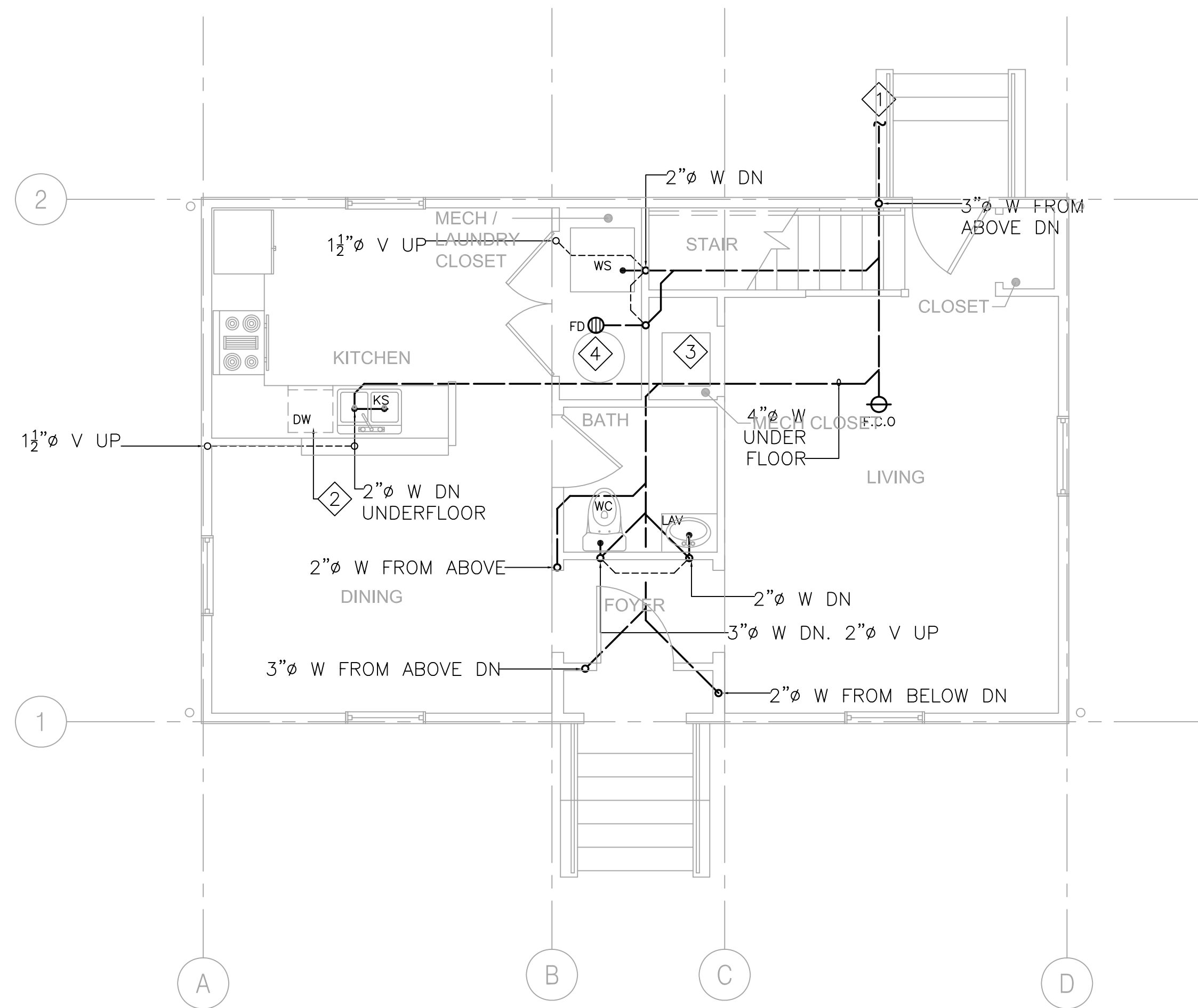
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D1 PLUMBING PLAN  
WASTE/VENT

SHEET NUMBER

P-1

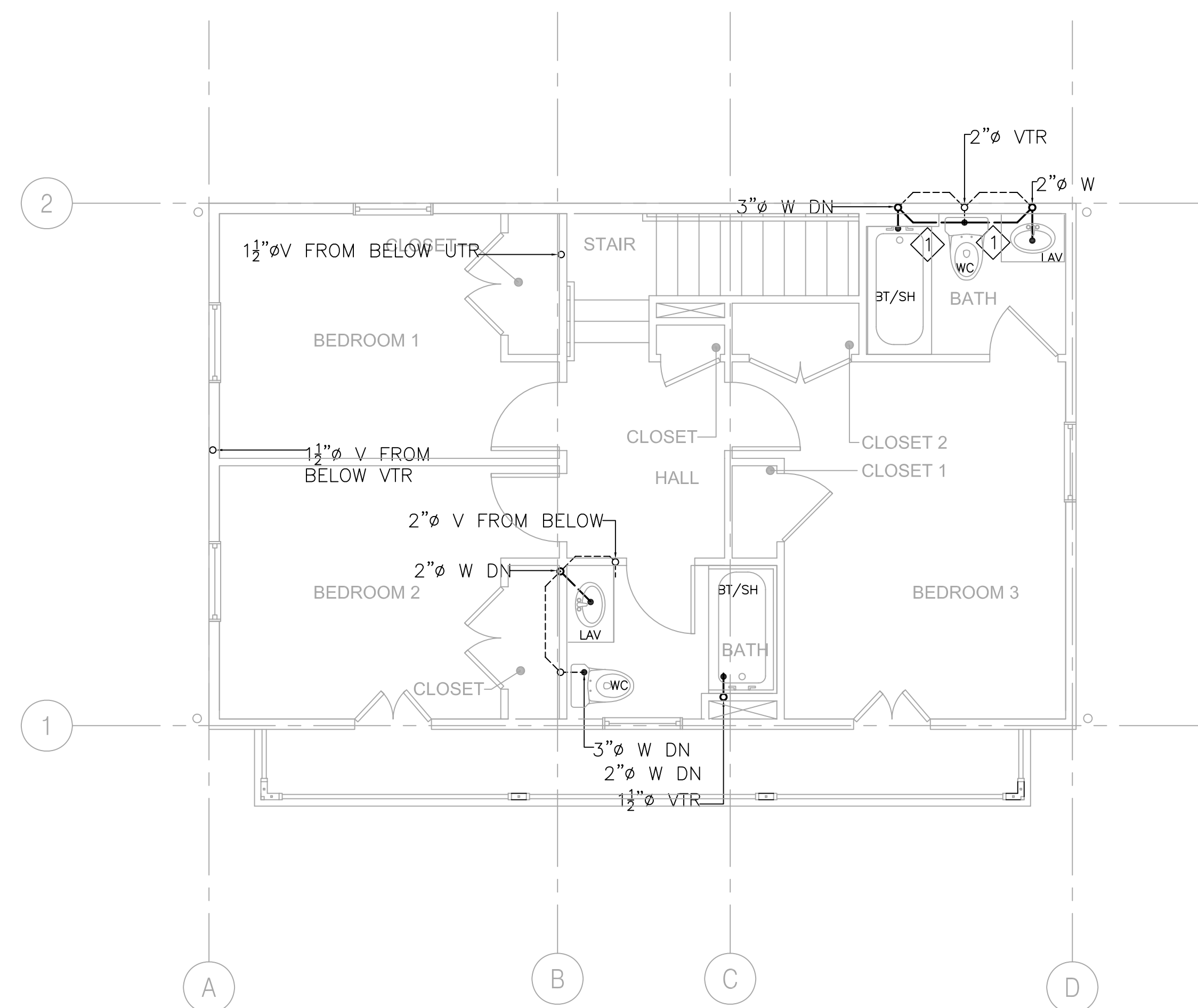
PLOT DATE 9/26/2008 6:35PM



**1 GROUND FL WASTE/VENT PLAN**  
SCALE: 1/4" = 1'-0"

**SHEETNOTES:**

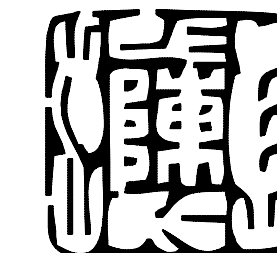
- ① 4" W. FOR CONTINUATION SEE CIVIL DRAWINGS.
- ② DISHWASHER DRAIN INDIRECTLY TO KITCHEN SINK.
- ③ A/C UNIT, PROVIDE 3/8" CONDENSATE DRAIN, AND TIE TO TAIL PIECE OF NEARBY LAVATORY. REFER TO CONDENSATE TAILPIECE CONNECTION DETAIL INSIDE DETAIL BOOK.
- ④ 3/8" DRAIN FROM WATER HEATER DRAIN PAN. DRAIN INDIRECTLY TO FLOOR DRAIN BELOW WATER HEATER.



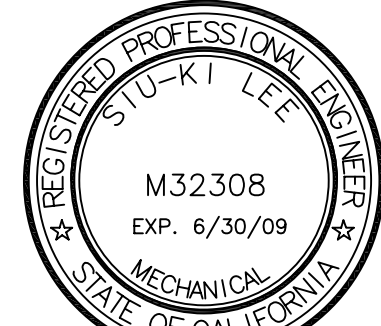
**2 SECOND FL WASTE/VENT PLAN**  
SCALE: 1/4" = 1'-0"

**SHEETNOTES:**

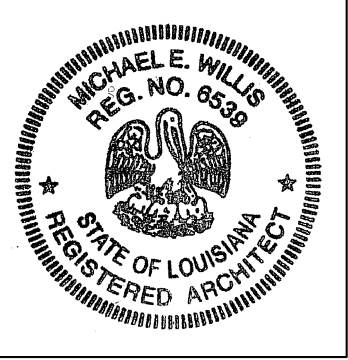
- ① CONNECT WASTE LINE FROM LAV & WC BELOW FLOOR TO BT/SH DRAIN. 3" W DN.



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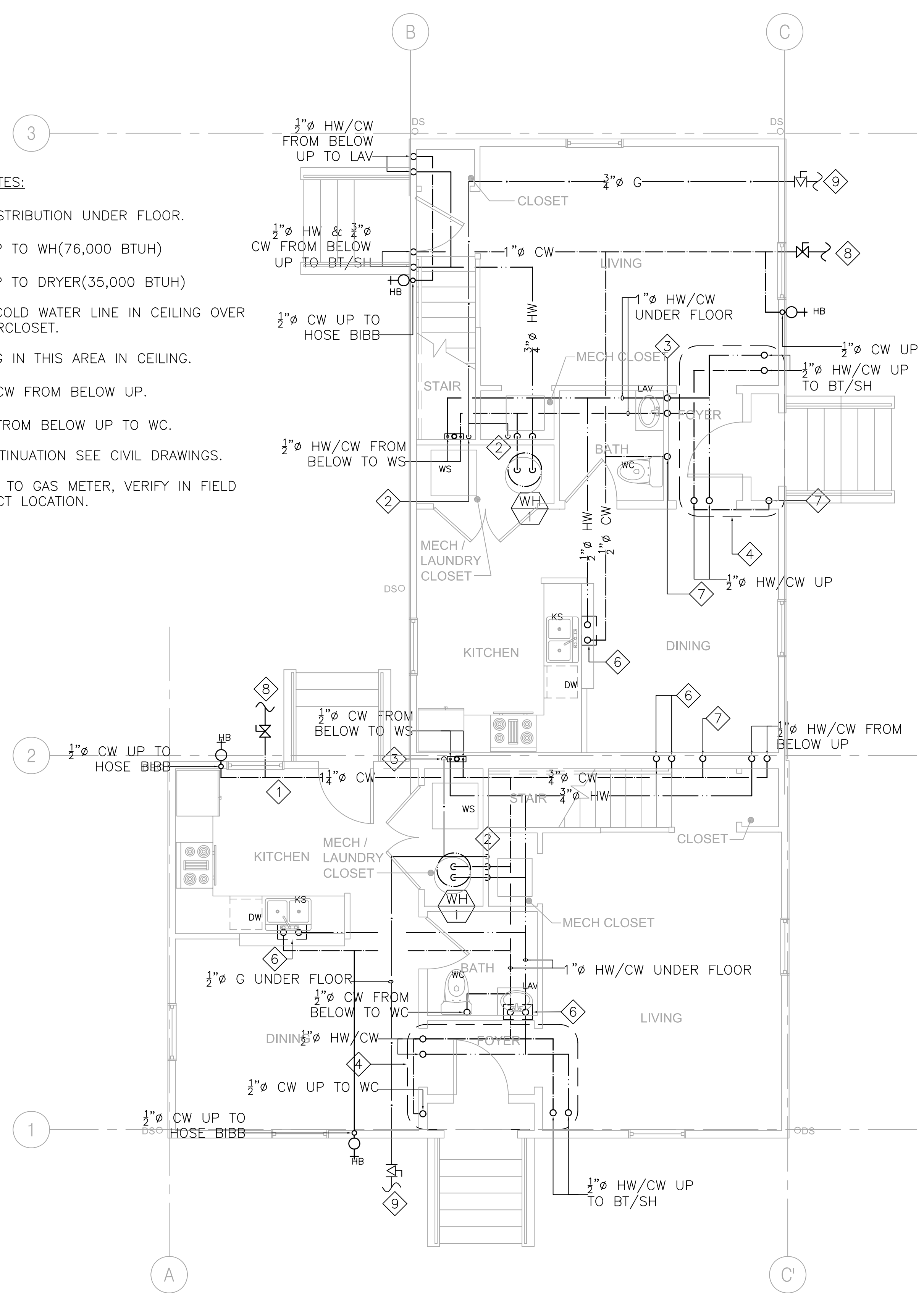
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D2  
PLUMBING PLAN  
HW/CW/GAS

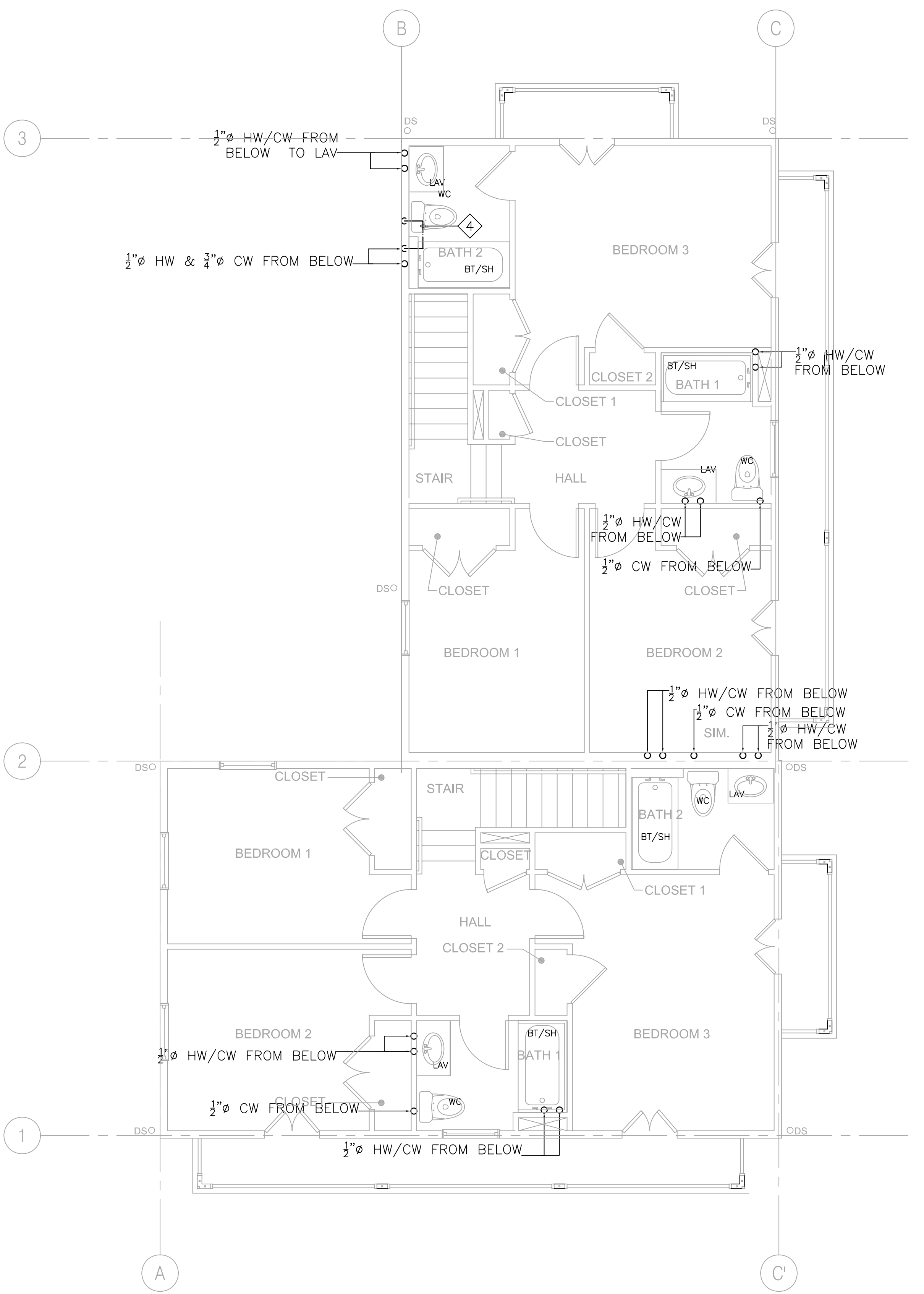
**SHEET NUMBER**

P-2

PLOT DATE 9/26/2008 6:37PM



**1 GROUND FL HW/CW/GAS PLAN**  
SCALE: 1/4" = 1'-0"



**2 SECOND FL HW/CW/GAS PLAN**  
SCALE: 1/4" = 1'-0"

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LOUISIANA LICENSE PENDING APPROVAL

**SHEETNOTES:**

- 1 1/4" CW DISTRIBUTION UNDER FLOOR.
- 2 1/2" G UP TO WH(76,000 BTUH)
- 3 1/2" G UP TO DRYER(35,000 BTUH)
- 4 OFFSET COLD WATER LINE IN CEILING OVER TO WATERCLOSET.
- 5 PLUMBING IN THIS AREA IN CEILING.
- 6 1/2" HW/CW FROM BELOW UP.
- 7 1/2" CW FROM BELOW UP TO WC.
- 8 FOR CONTINUATION SEE CIVIL DRAWINGS.
- 9 CONNECT TO GAS METER, VERIFY IN FIELD FOR EXACT LOCATION.

**LIGHTING FIXTURE SCHEDULE, CONT..**

- KK1** DESCRIPTION: ULTRA QUIET FAN 0.7 SONES, 80 CFM  
MANUFACTURER: NUTONE # QTEN080
- LL** DESCRIPTION: 52" COMBO CEILING FAN/FLUORESCENT LIGHT. SEPARATE SWITCH FOR LIGHT AND FAN. MULTI SPEED CONTROL FOR FAN, 3-WAY SWITCHING FOR LIGHT WHERE SHOWN ENERGY STAR LISTED. FINISH PER ARCHITECT EMERSON # CF935/LK51F  
MANUFACTURER: LAMP: (1) 30W CIRCLINE/3500K
- MM** DESCRIPTION: WALL MOUNTED COMPACT FLUORESCENT, FROSTED RIBBED GLASS. ELECTRONIC BALLAST, ENERGY STAR LISTED WITH BUILT-IN PHOTOCCELL CONTROLLER. WET LOCATION. VERIFY FINISHED WITH THE ARCH.  
MANUFACTURER: INCON # 35661-42TT-K-ES-PC  
LAMP: (1) 42W CFL/3500K

**NOTES**

WHERE LIGHT FIXTURE TYPE IS NOT SHOWN ON FLOOR PLANS, IT INDICATES NOT APPLICABLE.

**LIGHTING FIXTURE SCHEDULE**

- AA** DESCRIPTION: 14 INCH DIA SURFACE COMPACT FLUORESCENT FIXTURE, BRUSHED NICHOL HOUSING SATIN-ETCHED GLASS DIFFUSER. ELEC. BALLAST, ENERGY STAR LISTED FINISH PER ARCHITECT  
LITHONIA # 11734 BN (1)26DDT OR EQUAL  
MANUFACTURER: LAMP: (1) 26W DTT/835
- BB** DESCRIPTION: 18" WIDE SURFACE MOUNTED FLUORESCENT FIXTURE WITH WHITE ACRYLIC DIFFUSER. ELEC. BAL. ENERGY STAR LISTED  
LITHONIA # 10642-332-1/3-GEB10RS OR EQUAL  
MANUFACTURER: LAMP: (3) 32W F032 T8/835
- CC** DESCRIPTION: 14.5" DIA x 8.5" DEPTH TULIP CLUSTER PENDANT COMPACT FLUOR. FIXT. WITH WHITE FROSTED GLASS, BRUSHED NICKEL CANOPY. ELEC. BALLAST. FINISH PER ARCHITECT ENERGY STAR LISTED  
LITHONIA #11986 CLST GW OR EQUAL  
MANUFACTURER: LAMP: (3) 13W TRT/3500K
- DD** DESCRIPTION: 16.5 INCH DIA SURFACE COMPACT FLUORESCENT FIXTURE, BRUSHED NICHOL HOUSING SATIN-ETCHED GLASS DIFFUSER. ELEC. BALLAST, ENERGY STAR LISTED FINISH PER ARCHITECT  
LITHONIA # 11736 BN (2)26DDT OR EQUAL  
MANUFACTURER: LAMP: (2) 26W DTT/835
- EE** DESCRIPTION: 36" VANITY FLUORESCENT FIXTURE WITH WHITE ACRYLIC DIFFUSER. NARROW BAND ELEC BALLAST ENERGY STAR LISTED. FINISH PER ARCHITECT  
LITHONIA # 11929  
MANUFACTURER: LAMP: (2)25W T8/835
- EE1** DESCRIPTION: 24" VANITY FLUORESCENT FIXTURE WITH WHITE ACRYLIC DIFFUSER. NARROW BAND ELEC BALLAST ENERGY STAR LISTED. FINISH PER ARCHITECT  
LITHONIA # 11928  
MANUFACTURER: LAMP: (2)17W T8/835
- EE2** DESCRIPTION: 48" VANITY FLUORESCENT FIXTURE WITH WHITE ACRYLIC DIFFUSER. NARROW BAND ELEC BALLAST ENERGY STAR LISTED. FINISH PER ARCHITECT  
LITHONIA # 11930  
MANUFACTURER: LAMP: (2)32W T8/835
- FF** DESCRIPTION: WALL MOUNTED LIGHT, COMPACT FLUORESCENT WITH FROSTED RIBBED GLASS LENS , DIE-CAST ALUMINUM. WET LOCATION. ELEC BALLAST, ENERGY STAR LISTED. FINISH PER ARCHITECT  
INCON # 35661-26QE-ES  
MANUFACTURER: LAMP: (1)26W QUAD CFL/3500K
- GG** DESCRIPTION: CEILING MOUNTED COMPACT FLUOR PORCH LIGHT WITH POLYCARBONATE LENS, ELEC BALLAST ENERGY STAR LISTED, WET LOCATION. FINISH PER ARCHITECT  
INCON #35561-26QE-ES  
MANUFACTURER: LAMP: (1)26W QUAD/3500K
- HH** DESCRIPTION: WALL MOUNTED COMPACT FLUORESCENT WITH CLEAR PRISMATIC POLYCARBONATE LENS, ELECTRONIC BALLAST ENERGY STAR LISTED. VERIFY FINISHED WITH THE ARCH.  
INCON # 3719-WHITE-26QE  
MANUFACTURER: LAMP: (1) 26W QUAD CFL/3500K
- JJ** DESCRIPTION: SURFACE CEILING COMPFLUORESCENT WITH FROSTED RIBBED GLASS LENS. ELEC BALLAST ENERGY STAR LISTED. VERIFY FINISHED WITH THE ARCH.  
INCON # 35561-26QE-ES  
MANUFACTURER: LAMP: (1) 26QUAD CFL/3500K
- KK** DESCRIPTION: HUMIDITY SENSING FAN /LIGHT/NIGHT LIGHT WITH BUILT-IN HUMIDITY SENSING DEVICE, ULTRA QUIET FAN, 0.7 SONES 110 CFM, ELEC BALLAST, ENERGY STAR LISTED COORDINATE WITH MECHANICAL  
NUTONE # QTEN110SFLT  
MANUFACTURER: LAMP: (1)42WCFL/3500K

**GENERAL NOTES**

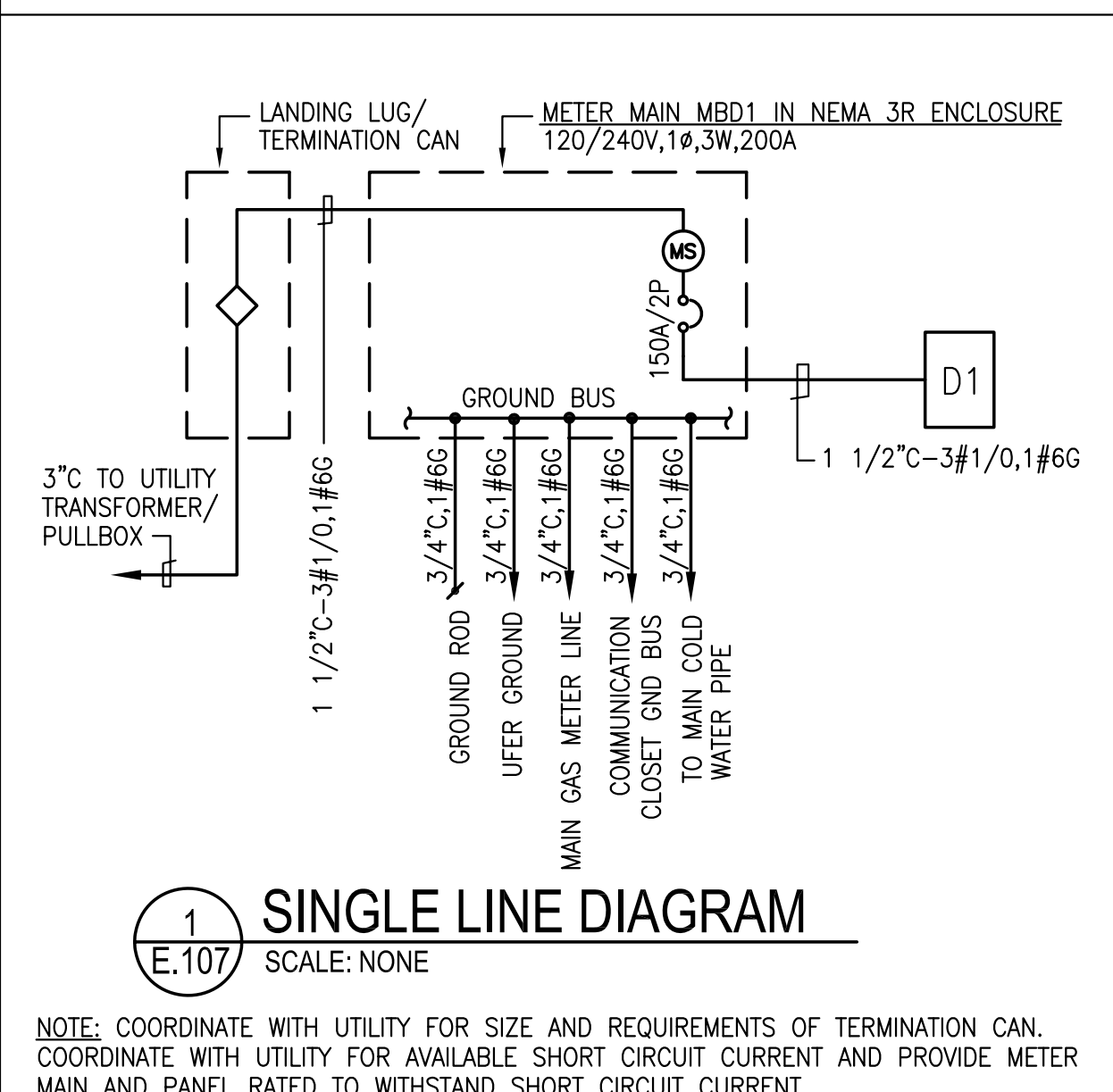
- PRIOR TO BID, CONTRACTOR SHALL VISIT THE SITE TO ADEQUATELY DETERMINE ALL PRE-EXISTING CONDITIONS. BY THE ACT OF SUBMITTING A BID, THE CONTRACTOR WILL BE DEEMED TO HAVE COMPLIED WITH THE FOREGOING, TO HAVE ACCEPTED SUCH CONDITIONS, AND TO HAVE MADE ALLOWANCES THEREFORE IN PREPARING HIS BID.
- ALL ELECTRICAL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF THE N.E.C., AS WELL AS STATE, AND LOCAL CODES AND REQUIREMENTS.
- UNLESS OTHERWISE NOTED, ALL WORK SHOWN ON DRAWINGS IS NEW AND TO BE PROVIDED AND INSTALLED UNDER THIS CONTRACT.
- PROVIDE PARITY SIZED GREEN GROUND WIRE IN ALL POWER CONDUITS, BRANCH CIRCUITS (LIGHTING & POWER) AND HOMERUNS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS, ELEVATIONS, AND DETAILS INCLUDING LANDSCAPE DRAWINGS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES. COORDINATE LOCATIONS OF ALL LIGHTING FIXTURES, OUTLETS AND JUNCTION BOXES WITH DIVISION 15 PRIOR TO ROUGH-IN.
- VERIFY EXACT CONNECTION REQUIREMENTS, OUTLET TYPE, HEIGHT, AND LOCATION OF ALL OWNER SUPPLIED EQUIPMENT OR EQUIPMENT PROVIDED UNDER OTHER SECTIONS OF THE SPECIFICATIONS PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR EQUIPMENT LOCATIONS.
- ALL PIPES, CONDUITS, ETC. PASSING THROUGH FIRE RATED WALLS OR FLOORS SHALL HAVE A U.L. RATED ASSEMBLY, WITH PIPE CONDUIT SUPPORTED PER U.L. REQUIREMENTS ON BOTH SIDES OF PENETRATION. SEE ARCHITECTURAL DWGS. FOR LOCATION OF FIRE RATED WALLS AND FLOORING.
- OUTLET AND DEVICES IN FIRE RATED WALL SHALL BE SEPARATED BY MINIMUM OF 24" IN ADJACENT STUDS. IF NOT POSSIBLE, PROVIDE WRAP AND BOXES WITH FIRE RATED PUTTY PER FIRE MARSHAL APPROVAL.
- THE CONTRACTOR SHALL VERIFY ALL CEILING TYPES BEFORE ORDERING OF FIXTURES. ALSO VERIFY THAT ALL FEATURES CALLED FOR IN FIXTURES DESCRIPTIONS ON THE FIXTURE SCHEDULE ARE INCLUDED WITH CATALOG NUMBERS LISTED ON THE FIXTURE SCHEDULE AND ARE INCLUDED AS PART OF THE LIGHTING SUBMITTALS FOR THIS PROJECT.
- MAINTAIN "AS-BUILT" RECORDS AT ALL TIMES, SHOWING EXACT LOCATION OF ALL UNDERGROUND AND/OR CONCEALED CONDUITS AND SERVICES INSTALLED UNDER THIS CONTRACT, INCLUDING CIRCUIT IDENTIFICATION WHERE APPLICABLE. PROVIDE OWNER WITH "AS-BUILT" DOCUMENTS AS INDICATED IN THE PROJECT MANUAL.
- DRAWINGS INDICATE THE LOCATION OF DEVICES, FIXTURES AND EQUIPMENT AND THE CIRCUIT NUMBER AND PANEL DESIGNATION WHICH SUPPLIES THEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETELY CONNECTING ALL ELECTRICAL DEVICES TO CIRCUITS INDICATED ON THE DRAWINGS.
- ALL EQUIPMENT GROUNDING SHALL CONFORM TO ARTICLE 250 OF THE NATIONAL ELECTRIC CODE, LATEST EDITION.
- ALL EXTERIOR CONDUIT ABOVE GRADE INCLUDING ALL ROOF MOUNTED CONDUIT, SHALL BE RIGID GALVANIZED STEEL, U.O.N. COAT ALL EXPOSED THREADS WITH GALVANIZING PAINT.
- ALL CONDUIT SHALL BE CONCEALED, UNLESS OTHERWISE NOTED.
- EQUIPMENT OVERLOADS AND FUSES SHALL BE PROVIDED AND INSTALLED AS PER NAME PLATE ON THE EQUIPMENT TO BE INSTALLED.
- SEE DIVISION 1 SPECIFICATIONS FOR REQUIRED PAYMENTS OF ALL REQUIRED PERMITS AND INSPECTION FEES.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- ALL EXIT SIGNS SHALL COMPLY WITH SECTIONS 1013-2 AND 1013-3 OF THE U.B.C.
- ALL DIVISION 15 EQUIPMENT LOW VOLTAGE CONTROL WIRING AND RACEWAY REQUIREMENTS SHALL BE PROVIDED BY DIVISION 15 U.O.N.
- COORDINATE INSTALLATION OF ALL RECESSED LIGHT FIXTURES WITH DIVISION 15 PRIOR TO INSTALLATION OF HVAC DUCTS AND SPRINKLER HEADS. ENSURE AFTER INSTALLATION OF FIXTURES THAT THERE IS NO CONTACT BETWEEN DUCTS AND FIXTURES TO AVOID VIBRATION IN FIXTURES.
- ALL SERIES RATED PANEL SHALL BE MARKED "CAUTION --- SERIES COMBINATION SYSTEM RATED \_\_\_\_\_ AMPERES. IDENTIFIED REPLACEMENT COMPONENT REQUIRED", PER ARTICLE 110-22.
- ALL UNDERGROUND SERVICE CONDUITS SHALL BE SEALED PER ARTICLE 230-8.
- IN TYPICAL APARTMENT UNITS:
  - PROVIDE A MINIMUM 2 CIRCUITS TO SMALL APPLIANCE CIRCUITS PER CEC 210-52(b)(3). COUNTER RECEPTACLES SHALL NOT BE MORE THAN 24 INCHES FROM START OF A COUNTER AND SPACE NOT MORE THAN 48 INCHES APART MEASURED ALONG THE BACKWALL, COUNTERTOP 12 INCHES WIDE OR MORE SHALL HAVE A DUPLEX RECEPTACLE.
  - IN LIVING ROOM AND BEDROOM, DUPLEX RECEPTACLE SHALL NOT BE SPACE MORE THAN 6 FEET FROM START OF WALL AND NOT MORE THAN 12 FEET APART IN A CONTINUOUS WALL.
  - WIRING TO ELECTRIC RANGES OUTLET SHALL BE MINIMUM 4#6.
  - BEDROOM RECEPTACLES SHALL BE PROTECTED BY ARC-FAULT TYPE CIRCUIT INTERRUPTER.
- GROUND RODS SHALL BE BURIED TO A MINIMUM OF 10' PER CEC 250-52(c)(3). GROUND ROD CLAMP SHALL BE APPROVED FOR USE PER CEC 250-70.
- ALL EXTERIOR CONDUIT AND WIRING SHALL BE ROUTED ABOVE FLOOD LEVEL UNLESS NOT PRACTICAL. IF NOT PRACTICAL, THEN PROVIDE SUITABLE WIRING METHOD.

**LEGEND, CONT...**

- CEILING MOUNTED OCCUPANCY SENSOR WITH POWER PACK(S) AS REQUIRED
- WALL MOUNTED DUAL LEVEL OCCUPANCY SENSOR
- JUNCTION BOX
- METER SOCKET
- CARD KEY READER
- DOOR RELEASE
- GROUND ROD - 3/4"x10"
- IONIZATION SMOKE DETECTOR, 120V HARDWIRED WITH BATTERY AND CHARGER AND INTERCONNECTING TYPE. INTERCONNECT ALL DETECTORS AT EACH UNIT.
- "STAR BOX" RESIDENTIAL UNIT COMMUNICATION CENTER FOR TELEPHONE, CABLE TELEVISION AND DATA SYSTEM
- ELECTRIC LOCK
- ELECTRIC CHIME WITH TRANSFORMER
- ADA LISTED ELECTRIC CHIME/BELL AND STROBE LIGHT WITH TRANSFORMER, CONTRACTOR SERIES AS MANUFACTURED BY LARI-JO INC. TEL # (800)535-8105
- TELEPHONE RINGER/STROBE LIGHT, +80" AFF CONTRACTOR SERIES AS MANUFACTURED BY LARI-JO INC. TEL # (800)535-8105
- DOOR BELL PUSH BUTTON, +48" AFF U.O.N. HARDWIRE WITH LOW VOLTAGE WIRING TO CHIME
- CONDUIT UP
- CONDUIT DOWN
- CONDUIT CONCEALED IN CEILING OR WALL
- EQUIPMENT CONNECTION
- CONDUIT CONCEALED IN FLOOR OR UNDERGROUND
- HOMERUN TO PANEL - CROSS MARKS INDICATE NUMBER OF WIRES AND SIZE OTHER THAN 2-#12 PLUS GROUND. NO CROSS MARKS INDICATES 1/2" C-2#12 PLUS GROUND MIN.;
- INDICATES #8 CONDUCTORS IN CODE SIZE CONDUIT THROUGHOUT THE CIRCUIT
- SHEET NOTE IDENTIFICATION TAG
- FIXTURE IDENTIFICATION TAG - SEE FIXTURE SCHEDULE
- A.F.F.
- B.C.T.
- C.O.
- DW
- GFI
- LC
- M.O.
- NTS
- TYP
- U.O.N.
- WP

**LEGEND**

- SURFACED MOUNTED FLUORESCENT FIXTURES
- SURFACED MOUNTED FLUORESCENT FIXTURES
- SURFACE/PENDANT MOUNTED FLUORESCENT FIXTURE
- WALL MOUNTED FLUORESCENT FIXTURES
- STRIP LIGHT FIXTURE
- CEILING DOWN LIGHT
- WALL MOUNTED LIGHT FIXTURE
- UNSWITCHED EXIT LIGHT FIXTURE WITH 90-MINUTE BATTERY BACK UP, ARROW INDICATES DIRECTION TO EXIT; PROVIDE ADDITIONAL FIXTURES AS REQUIRED WHERE MORE THAN 2 ARROWS ARE SHOWN
- LOW LEVEL EXIT SIGN
- SINGLE POLE SWITCH, +42" AFF, U.O.N., SUBSCRIPT LETTER INDICATES DEVICE CONTROLLED
- THREE WAY SWITCH, +42" AFF, U.O.N., SUBSCRIPT LETTER INDICATES DEVICE CONTROLLED
- MANUAL MOTOR STARTER WITH THERMAL OVERLOAD
- DIMMER SWITCH, +42" AFF, U.O.N., SUBSCRIPT LETTER INDICATES DEVICE CONTROLLED
- DUAL-HEAD EMERGENCY LIGHTING
- DUPLEX RECEPTACLE, NEMA 5-15R - +18" AFF U.O.N. PROVIDE NEMA 5-20R RECEPTACLES FOR DEDICATED CIRCUITS PER NEC
- DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER, +42" AFF, U.O.N.
- ABOVE COUNTER DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER, +42" AFF, U.O.N.
- IN-FLOOR DUPLEX RECEPTACLE NEMA 5-15R
- DUPLEX RECEPTACLE, NEMA 5-15R TOP HALF SWITCHED +18" AFF, U.O.N.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-15R, +18" AFF U.O.N.
- ABOVE COUNTER DUPLEX RECEPTACLE, NEMA 5-15R, +42" AFF, U.O.N.
- ELECTRIC RANGE OUTLET & CONNECTION TO APPLIANCE, WITH 4#6 AWG AND HOMERUN TO PANEL. OUTLET TO MATCH RANGE PLUG.
- RANGE HOOD OUTLET & CONNECTION TO APPLIANCE
- PREWIRED TELEPHONE OUTLET, MH +18" U.O.N. WITH 4 PAIR CAT 5E CABLE SEE SPECS
- PREWIRED TEL/DATA OUTLET, MH +18" U.O.N. WITH (2) 4 PAIR CAT 5E CABLE. SEE SPECS
- PREWIRED CABLE TV OUTLET, +18" AFF, U.O.N., WITH COAXIAL CABLE AND 4 PAIR CAT 5E CABLE SEE SPECS.
- PANELBOARD - 120/208 VOLTS
- TELEPHONE BACKBOARD, 3/4" DEEP 8'-0" HIGH FIRE TREATED PLYWOOD BACKBOARD
- NON-FUSED DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- COMBINATION TYPE MAGNETIC MOTOR STARTER WITH HOA SWITCH AND CONTROL TRANSFORMER
- MOTOR OUTLET; PROVIDE HORSEPOWER RATED DISCONNECT SWITCH
- CIRCUIT BREAKER
- FUSE
- DISCONNECT SWITCH

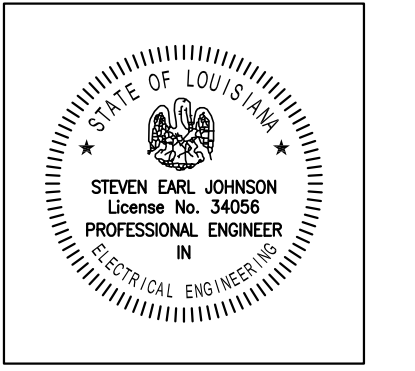


DRAWING LIST	
NO.	DESCRIPTION
E.107	LEGEND, GENERAL NOTES, SINGLE LINE, SCHEDULES
E.207	FLOOR ELECTRICAL PLANS

PANEL-D1												
ENCL NEMA: 1												
SERVICE: 120/240V, 1ø, 3W				MOUNTING: RECESSED				MAIN BREAKER: MLD				
LOCATION: UNIT				FEEDER: SEE S/L DIAGRAM								
DESCRIPTION	VA		CIR#	BRK	SN	BRK	VA		CIR#	A	B	DESCRIPTION
	A	B					A	B				
RANGE	4000		1	50/2	*	20/1	2		4		1200	SPARE
KIT, HALL	800	4000	3		*	20/1	4					DISHWASHER
LIVING RM		800	5	20/1	*	20/1	6	1500				KIT, COUNTER
BEDROOM			7	20/1	*	20/1	8	1500				KIT, COUNTER
BEDROOM		1200	9	20/1	*	20/1	10	1500				MICROWAVE OVEN (MO)
BEDROOM			11	20/1	*	20/1	12	500			500	BATHROOM
HALLWAY		1200	13	20/1	*	20/1	14	500			360	BATHROOM
DRYER - GAS	1000		15	20/1	*	20/1	16	500			500	REC-OUTDOOR
REC-EQUIP			17	30/2	*	20/1	18	500				STARBOX
WASHER		180	19		*	20/1	20					SPARE
HWT & BLOWER	1500		21	20/1	*	60/2	22	3200				HP-01
SPARE		600	23	20/1	*		24				5800	FC-01
SPARE			25	20/1	*		26	5800				FC-01
SPARE			27	20/1	*		28	5800				FC-01
SPARE			29	20/1	*	20/1	30					SPARE
TOTAL PHASE A												
TOTAL PHASE B												
TOTAL CONNECTED LOAD												

\* ARC FAULT CIRCUIT INTERRUPTER

SEE LOAD CALCULATIONS FOR DEMAND LOAD



All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated, used or disclosed without written consent of the architect.

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**CONSTRUCTION BID SET**  
**OCTOBER 1, 2008**

**REVISIONS**

MARK	NUMBER	DATE

**TREME/LAFITE AND TULANE/GRAVIER HOME BUILDING PLAN**  
NEW ORLEANS, LOUISIANA

PROVIDENCE COMMUNITY HOUSING & ENTERPRISE HOMES INC.

ISSUE DATE 9/2/08

**SCALE**  
If this drawing is not ARCH D (36.00 X 24.00 inches), then it has been modified from its original size. Scale noted on drawing/ details is no longer applicable.

**DRAWN** DR

**CHECKED** SJ

**ELECTRONIC CAD FILENAME**  
08-138.E.107.DWG

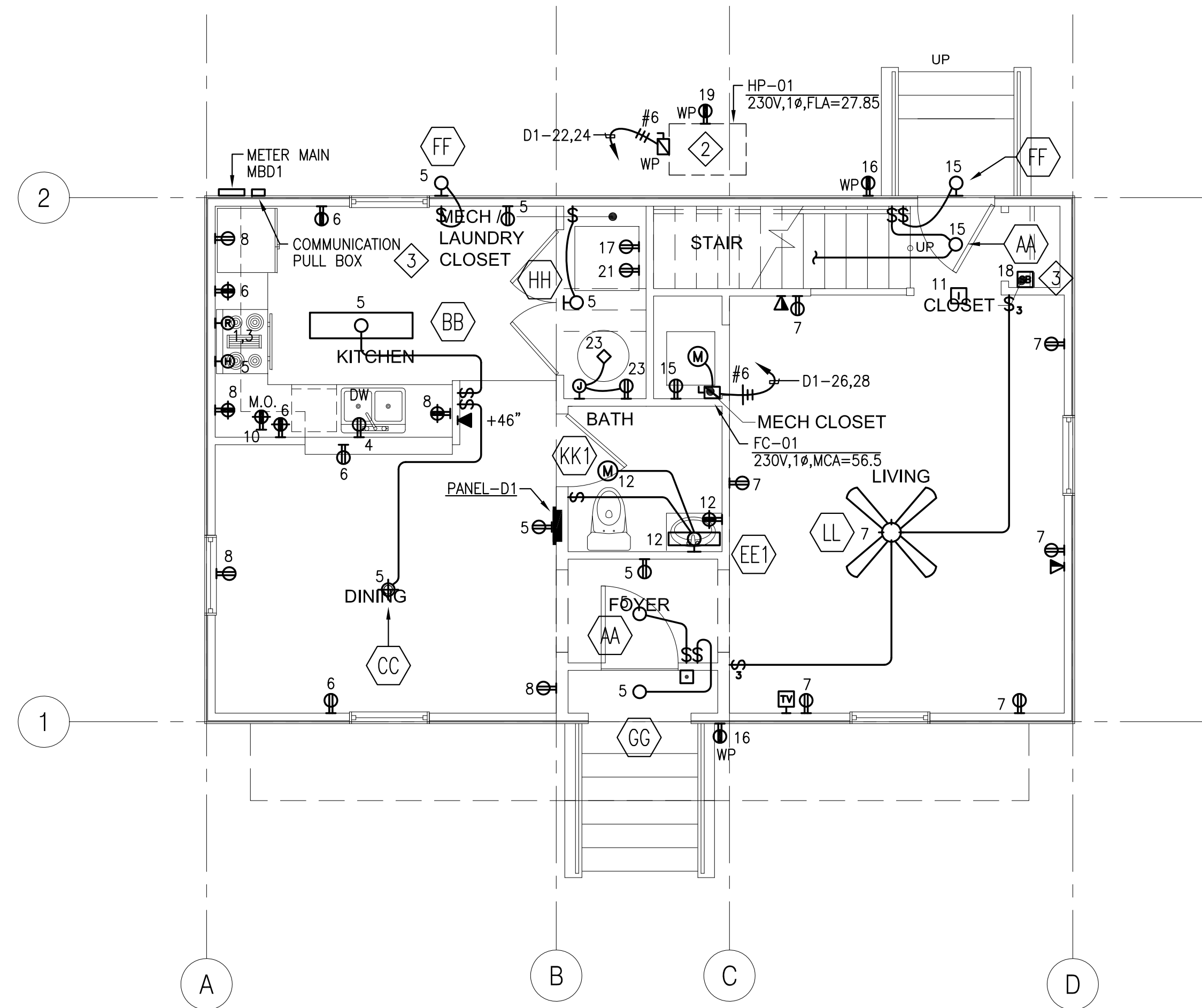
**PROJECT JOB NUMBER**  
08-138

**DRAWING TITLE**  
D1 - LEGEND, GEN NOTES, SL SCHEDULES

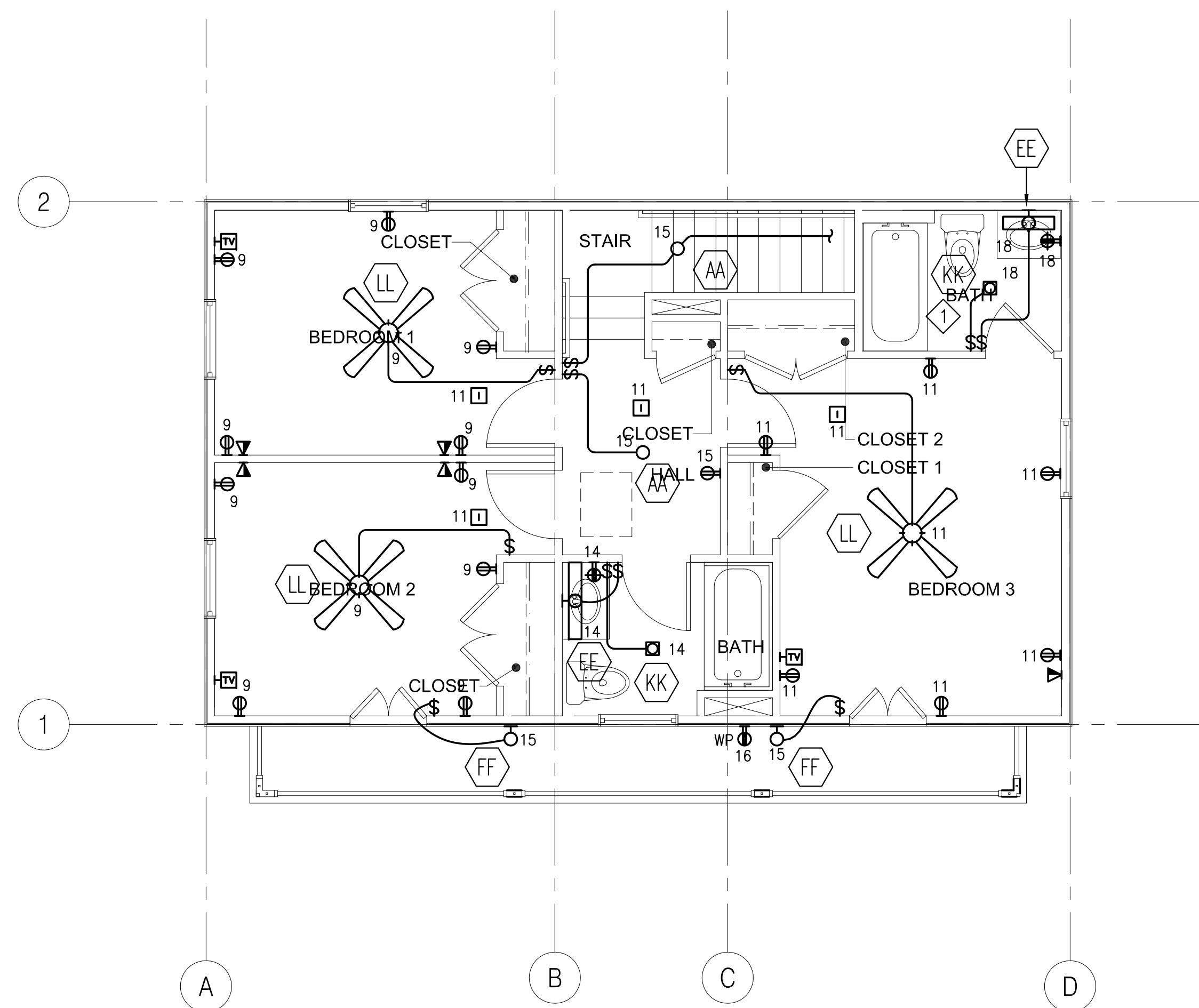
**SHEET NUMBER**

**E.107**

**PLOT DATE** 9/26/2008 9:56AM



1 D1 FIRST FLOOR ELECTRICAL PLAN  
E.207 1/4" = 1'-0"



2 D1 SECOND FLOOR ELECTRICAL PLAN  
E.207 1/4" = 1'-0"

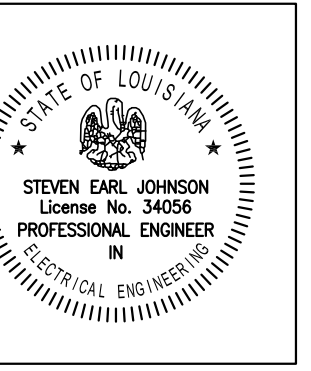
**SHEET NOTES**

- 1 WIRE LIGHTS AND FAN FROM THE LOAD SIDE OF GFCI RECEPTACLE IN BATHROOM.
- 2 COORDINATE WITH MECHANICAL FOR LOCATION AND CONNECT TO APPROPRIATE UNIT.
- 3 SEE DETAIL E400-007 FOR CONDUITS AND CABLING REQUIREMENTS.

**LOAD CALCULATIONS**

TYPE D1 (PER NEC 220.30)  
AREA = 1394 SF

LTG & POWER @ 3W/SF	=	4182 VA
KITCHEN APPLIANCE CKTS 2 @ 1500 VA	=	3000 VA
DISHWASHER	=	1200 VA
RANGE (ELECTRIC)	=	12000 VA
DRYER (GAS)	=	1000 VA
FAN & HOOD	=	900 VA
MICROWAVE	=	1200 VA
BLOWER	=	600 VA
WASHING MACHINE	=	1500 VA
<b>SUBTOTAL</b>		<b>25582 VA</b>
1ST 10 KVA @ 100%	=	10000 VA
REMAINDER (15582 VA @ 40%)	=	6233 VA
CONDENSING UNIT	=	6400 VA
FURNACE	=	11600 VA
<b>TOTAL</b>		<b>34233 VA</b>
143 AMPS @ 120/240V,1ø		



All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated, used or disclosed without written consent of the architect.

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**CONSTRUCTION BID SET**  
OCTOBER 1, 2008

**REVISIONS**

MARK	NUMBER	DATE

**TREME/LAFITE AND TULANE/GRAVIER HOME BUILDING PLAN**  
NEW ORLEANS, LOUISIANA  
PROVIDENCE COMMUNITY HOUSING & ENTERPRISE HOMES INC.

ISSUE DATE 9/2/08

**SCALE**  
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**DRAWN** DR

**CHECKED** SJ

**ELECTRONIC CAD FILENAME**  
08-138 E.207.DWG

**PROJECT JOB NUMBER**  
08-138

**DRAWING TITLE**  
D1 FLOOR ELECTRICAL PLANS

**SHEET NUMBER**

**E.207**