

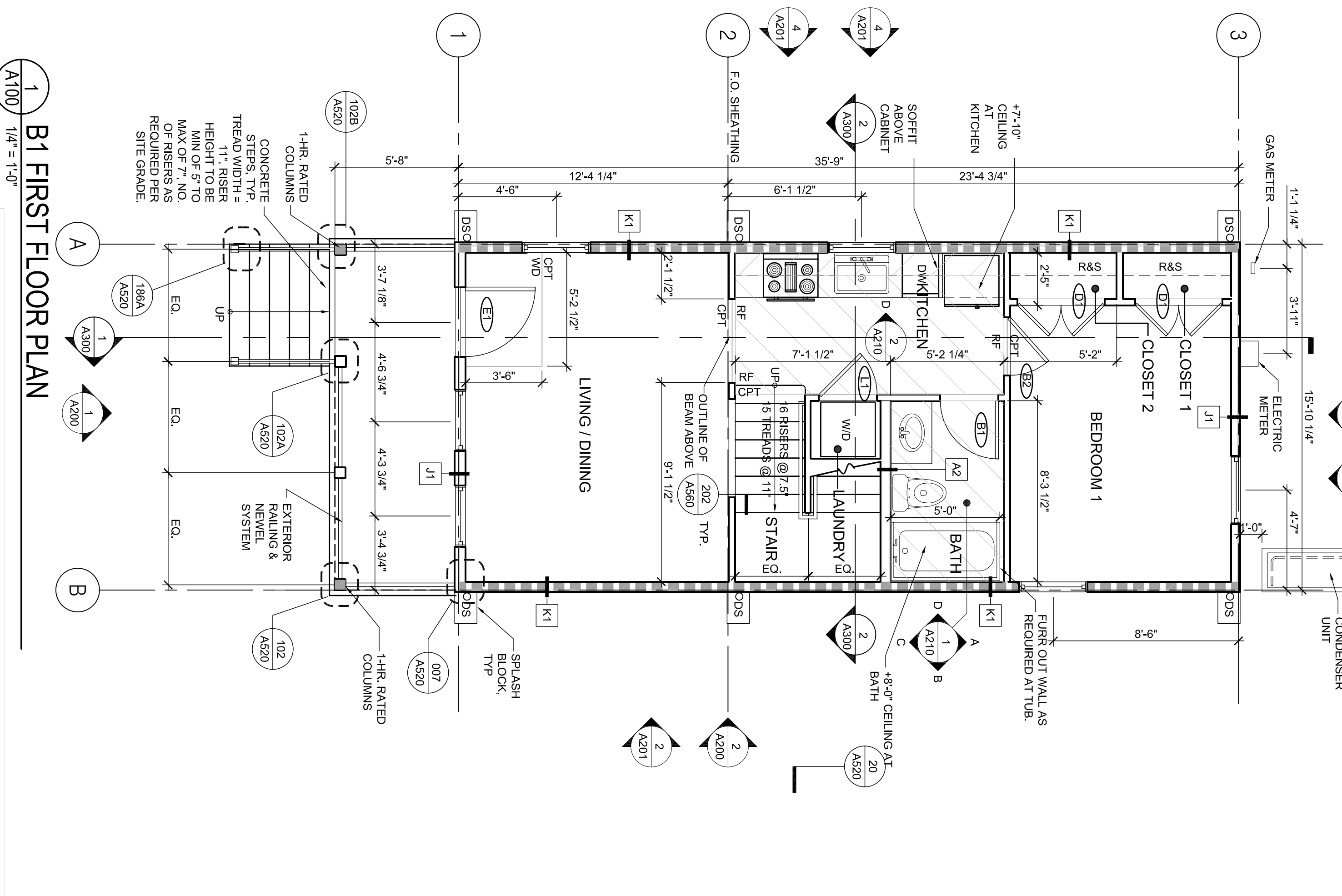
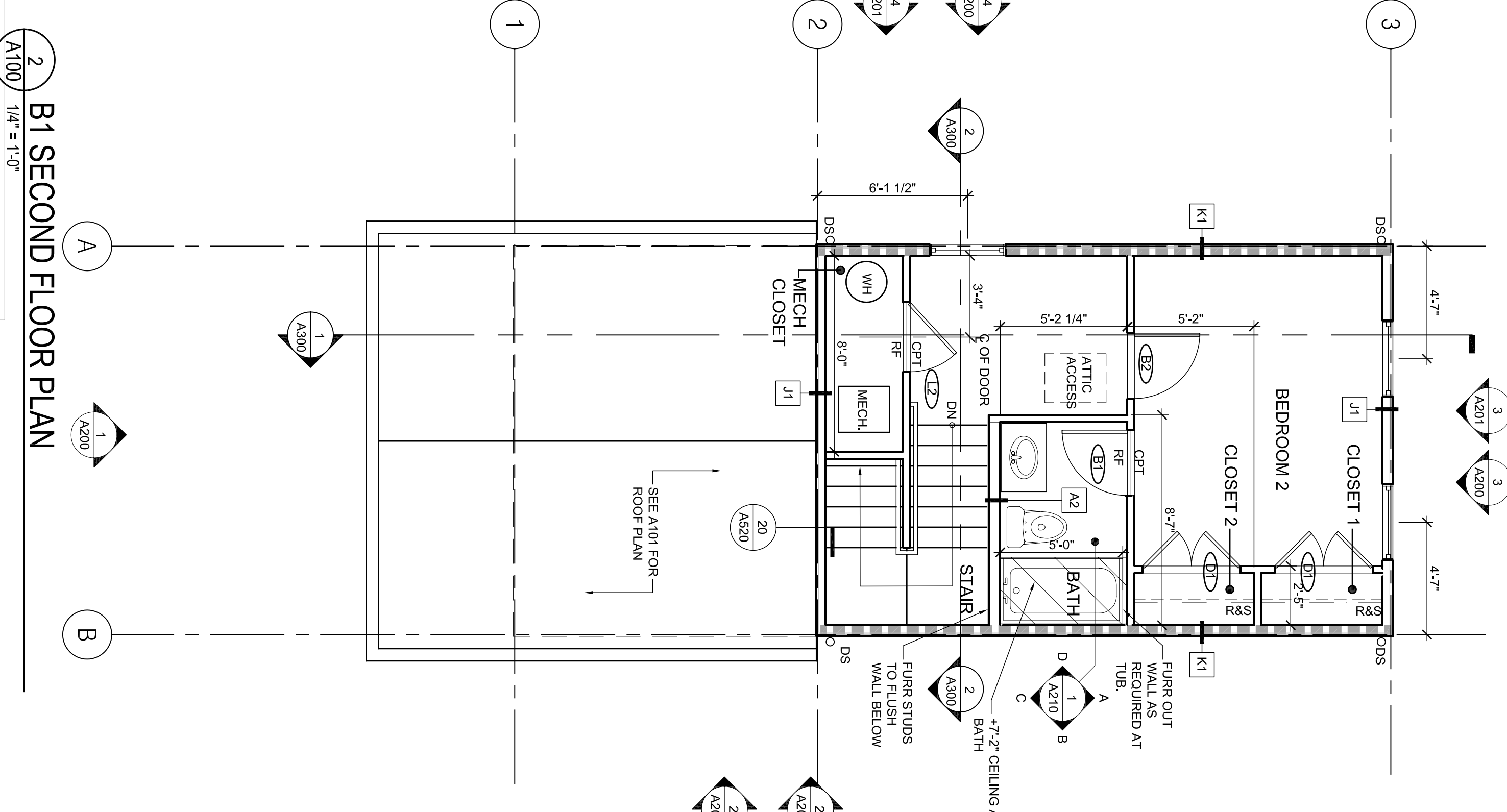
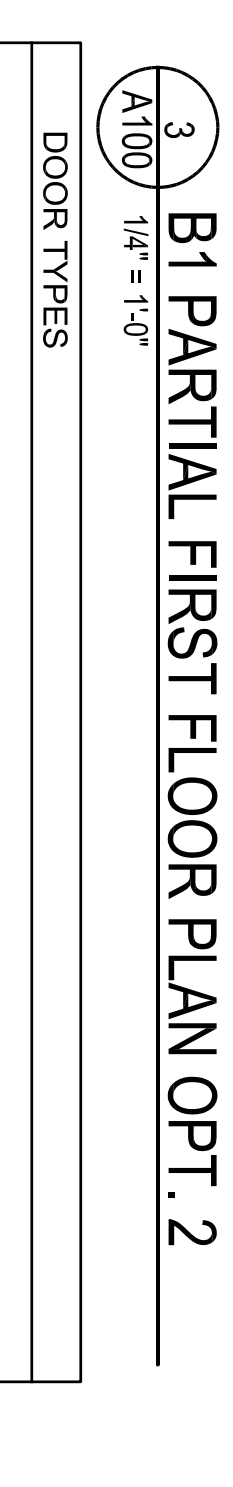
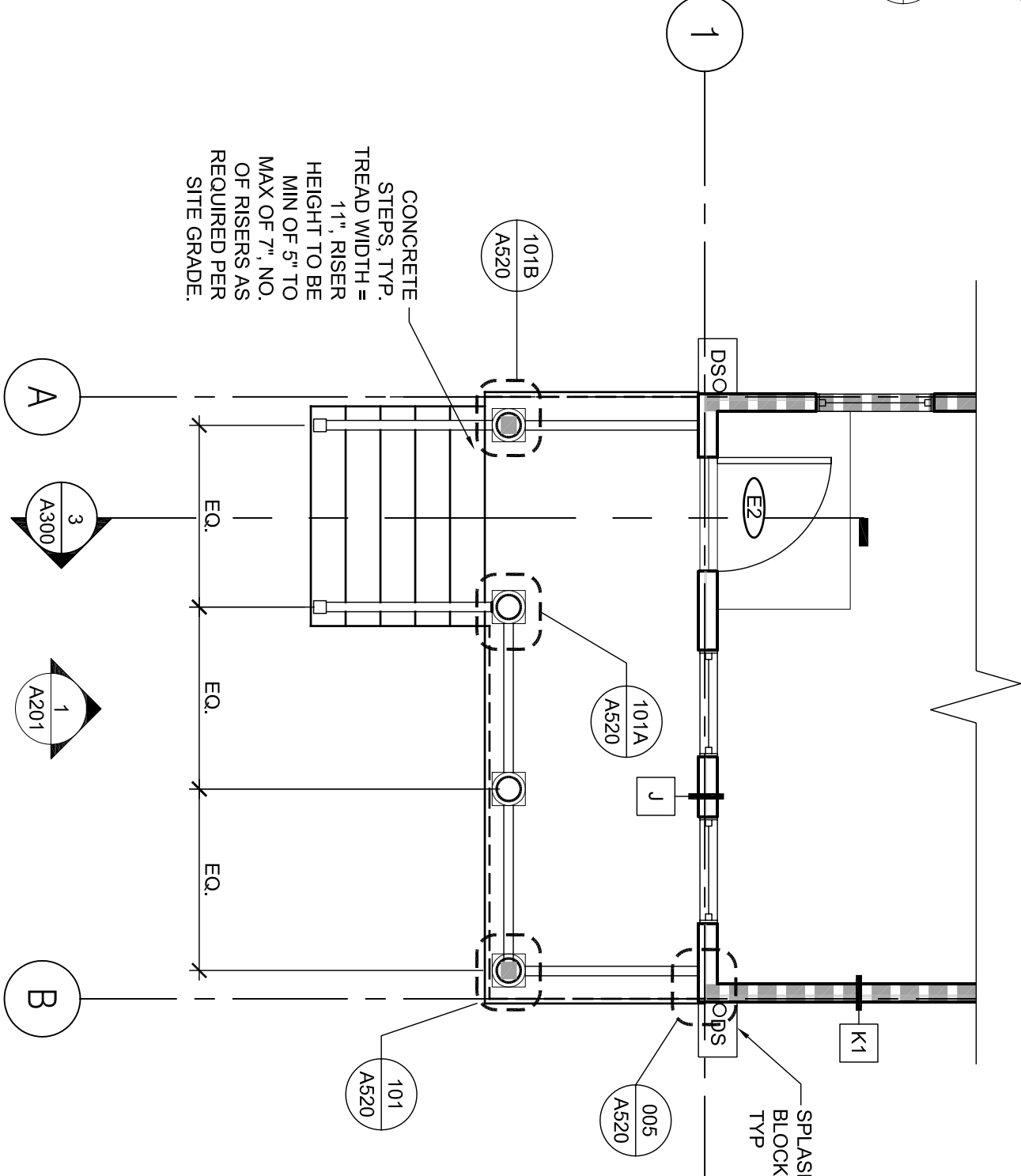
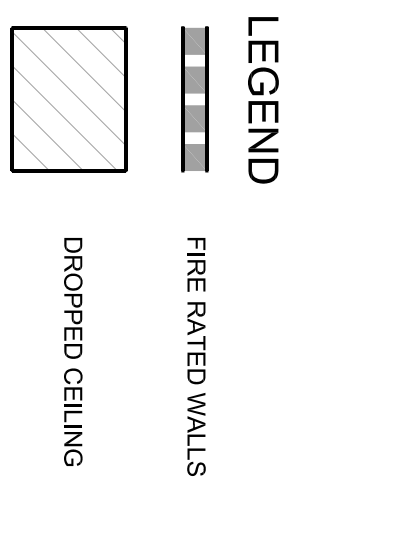




REVISIONS	MARK	NUMBER	DATE

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

- SHEET NOTES**
- ALL EXTERIOR WALL DIMENSIONS ARE TO FACE OF EXTERIOR FINISH SHEATHING, U.O.N.
  - ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF STUD, U.O.N.
  - FOR PARTITION AND WALL TYPES SEE DETAILS A560-001 TO 020
  - UNLESS DIMENSIONED, INTERIOR DOORS ARE EITHER SPACED FROM CORNERS PER A560-502 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 @ F.L., J6, J6', K6 SEE /A210
  - PROVIDE PLYWOOD FURNISHING AS PER SHEAR WALLS S777-BD, AT NEW ORLEANS, LA 70130
  - NOTE SEE A101 FOR DOOR & FINISH SCHEDULES IF NOT SHOWN ON THIS DRAWING



**LAFITTE DOOR SCHEDULE**

DOOR NO.	ROOM	LEAF	MTL	TYPE	SIZE	THK	MTL	FRAME	HEAD	JAMB	SILL	HDW	RATING	NOTES
<b>BUILDING B1</b>														
E1	LIVING OPTION 1	FG	E1	3'-0" x 6'-8"	1'-3/4"	PINE	A550-006	A550-001	A550-002	A550-001	A550-002	1	NONE	
E2	LIVING OPTION 2	FG	E2	3'-0" x 6'-8"	1'-3/4"	PINE	A550-006	A550-001	A550-002	A550-001	A550-002	1	NONE	
B1	BATH	MDP	B	2'-8" x 6'-8"	1'-3/8"	PINE	A550-501	A550-502	A550-501	A550-501	A550-501	3	NONE	
B2	BEDROOM	MDP	B	2'-8" x 6'-8"	1'-3/8"	PINE	A550-501	A550-502	A550-501	A550-501	A550-501	3	NONE	
D1	CLOSET	MDP	L	4'-0" x 6'-8"	PR 1'-3/8"	PINE	A550-501	A550-502	A550-501	A550-501	A550-501	5	NONE	
L1	LAUNDRY	MDP	L	2'-0" x 6'-8"	1'-3/8"	PINE	A550-501	A550-502	A550-501	A550-501	A550-501	4	NONE	
L2	MECH CLOSET	MDP	L	2'-0" x 6'-8"	1'-3/8"	PINE	A550-501	A550-502	A550-501	A550-501	A550-501	4	NONE	VENTED LOUVER WITH 1" UNDERCUT

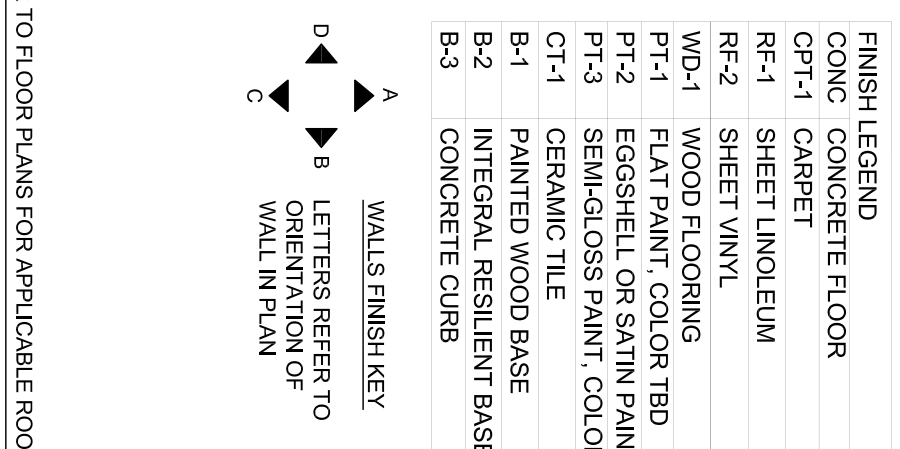
**GENERAL NOTE: SEE A540-501 FOR WATERPROOFING FLASHING SEQUENCE. FIELD INSTALLED TRIM.**

**ABBREVIATIONS LIST**

MDP	SOLID WDF
GL	GLASS
FG	FIBERGLASS
PR	PAIR

**LAFITTE FINISH SCHEDULE**

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



**SHEET NOTES**

- GENERAL ROOF NOTES:  
 1. FOR ROOF VENT CALCULATIONS SEE THIS SHEET.  
 2. SEE ELEVATIONS FOR EAVE DETAILS AT ROOF.

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

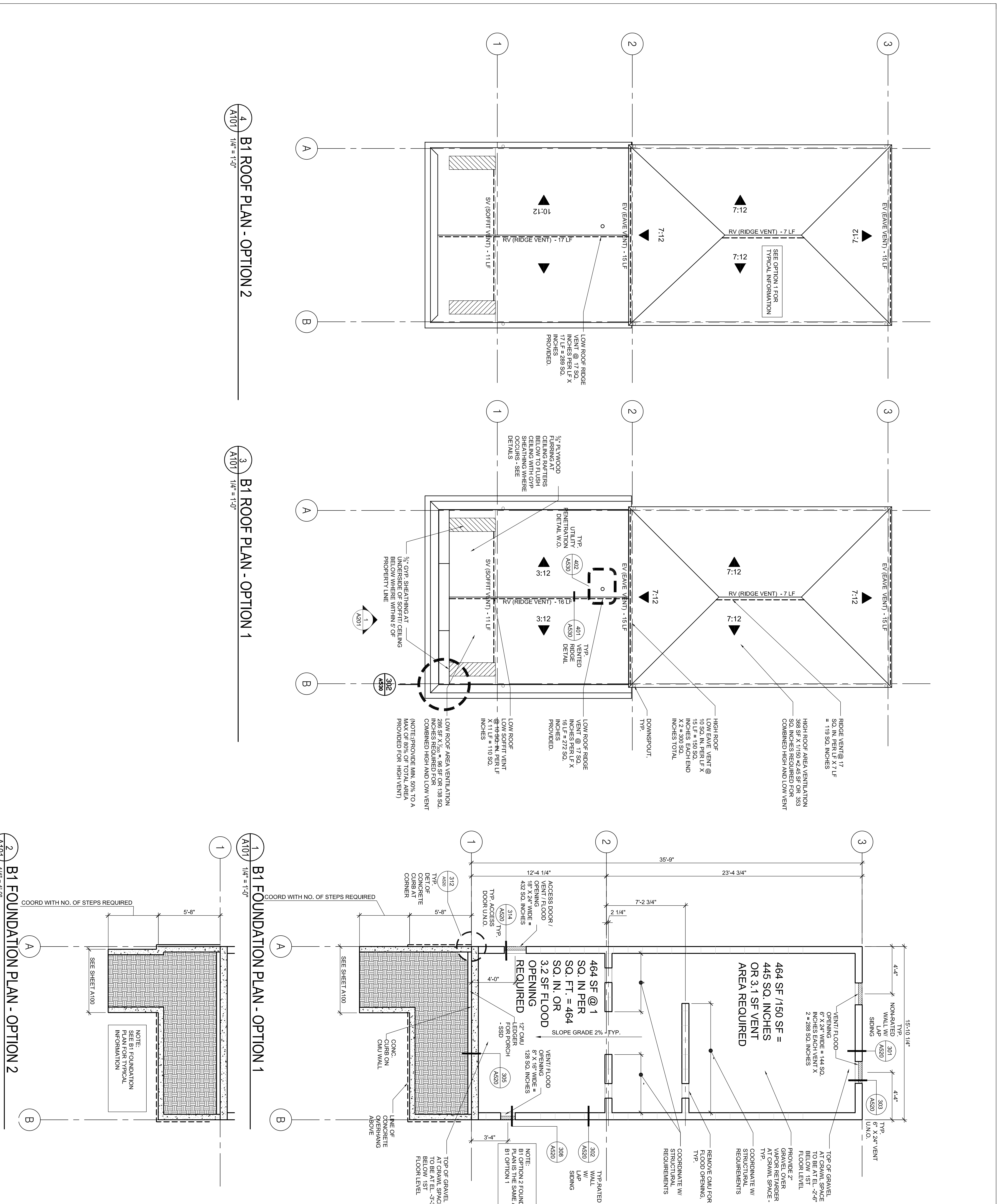
REVISIONS	MARK	NUMBER	DATE

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

ISSUE DATE: 10/1/08  
 SCALE  
 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: XX,XX  
 CHECKED: JT  
 ELECTRONIC CAD FILENAME: A101 B1 FOUNDATION PLAN.DWG  
 PROJECT JOB NUMBER: 200807

**DRAWING TITLE**  
 B1 FOUNDATION AND ROOF PLANS  
**SHEET NUMBER**  
**A101**

PLOT DATE: 10/13/2008 10:55AM



**4 B1 ROOF PLAN - OPTION 2**  
 A101 1/4" = 1'-0"

**3 B1 ROOF PLAN - OPTION 1**  
 A101 1/4" = 1'-0"

**1 B1 FOUNDATION PLAN - OPTION 1**  
 A101 1/4" = 1'-0"

**2 B1 FOUNDATION PLAN - OPTION 2**  
 A101 1/4" = 1'-0"

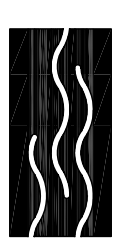




**SHEET NOTES**

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

**Michael  
Wills  
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California 94105

ICL: (415)957-2750  
EAX: (415)957-2780

ALL drawings and uniform material quantities shall be provided in original and reproducible electronic format. All drawings shall be submitted in electronic format and shall be accompanied by a hard copy of the original drawings. All drawings shall be submitted in electronic format and shall be accompanied by a hard copy of the original drawings. All drawings shall be submitted in electronic format and shall be accompanied by a hard copy of the original drawings.

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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**

DM, SW, MG, DP, AS

**CHECKED**

JT, JF

**ELECTRONIC CAD FILENAME**

A210 B1 INTERIOR

**PROJECT JOB NUMBER**

200807

**DRAWING TITLE**

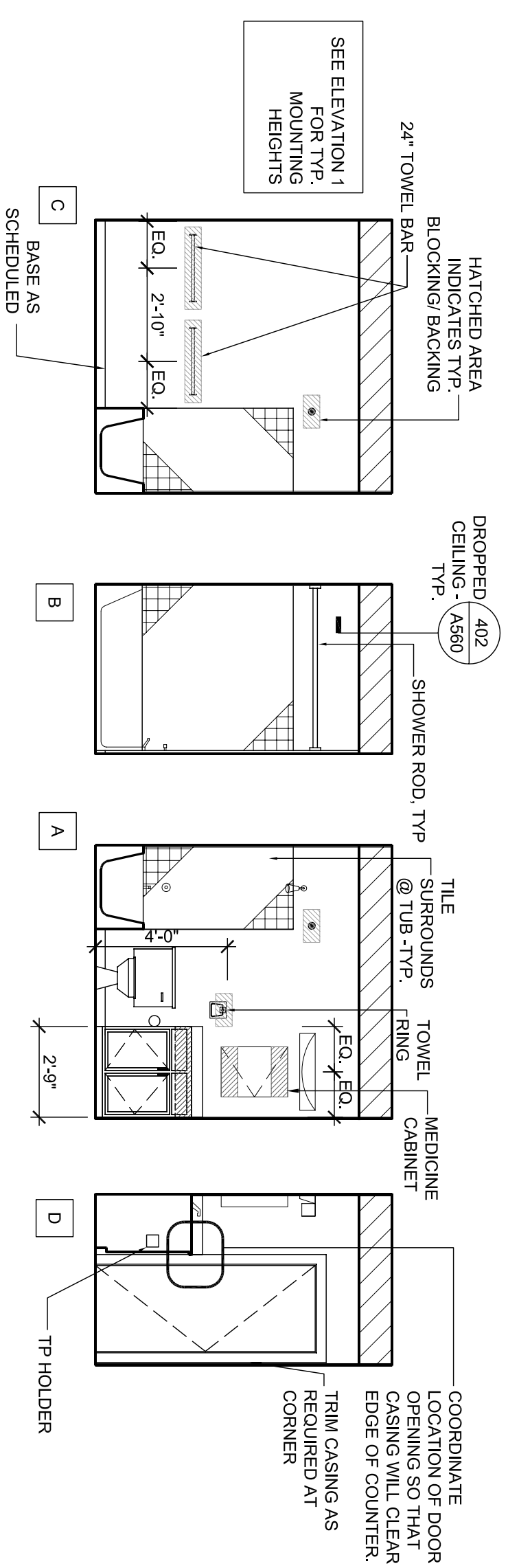
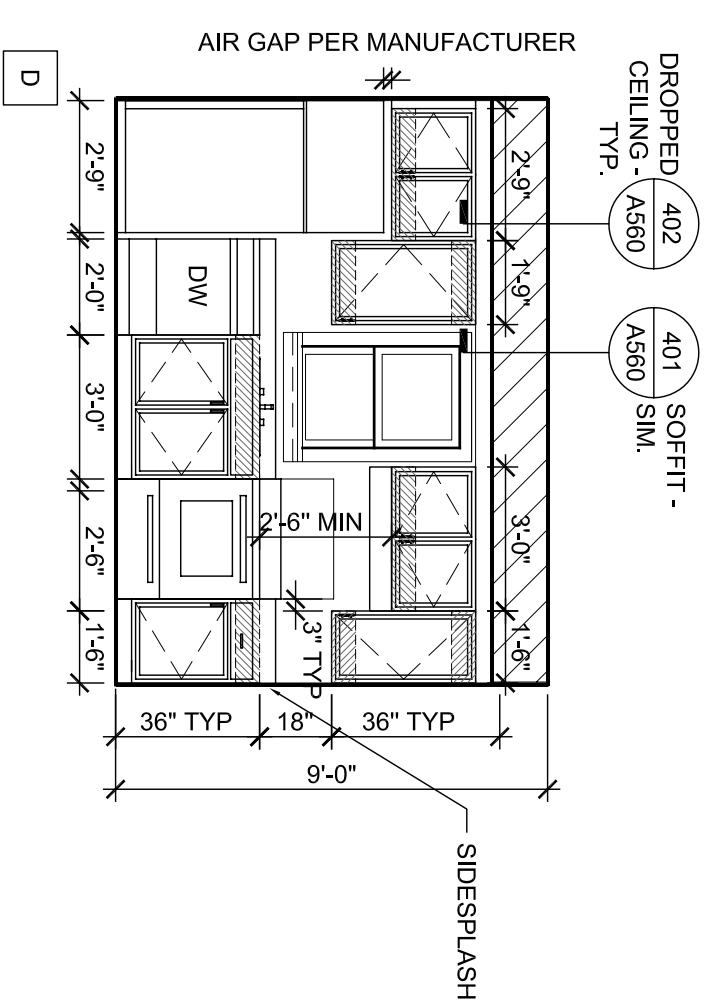
B1 INTERIOR  
ELEVATIONS

**SHEET NUMBER**

A210

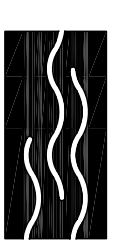
**2 KITCHEN ELEVATIONS**

A210 1/4"=1'-0"



**1 BATHROOM ELEVATIONS @ FIRST AND SECOND FLOOR**

A210 1/4"=1'-0"



This drawing and all other related materials have been prepared, designed, created, and/or modified by the architectural and engineering firm consisting of the architect.

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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: 10/1/08

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**DRAWN**

**CHECKED**

**ELECTRONIC CAD FILENAME**

**PROJECT JOB NUMBER**

200807

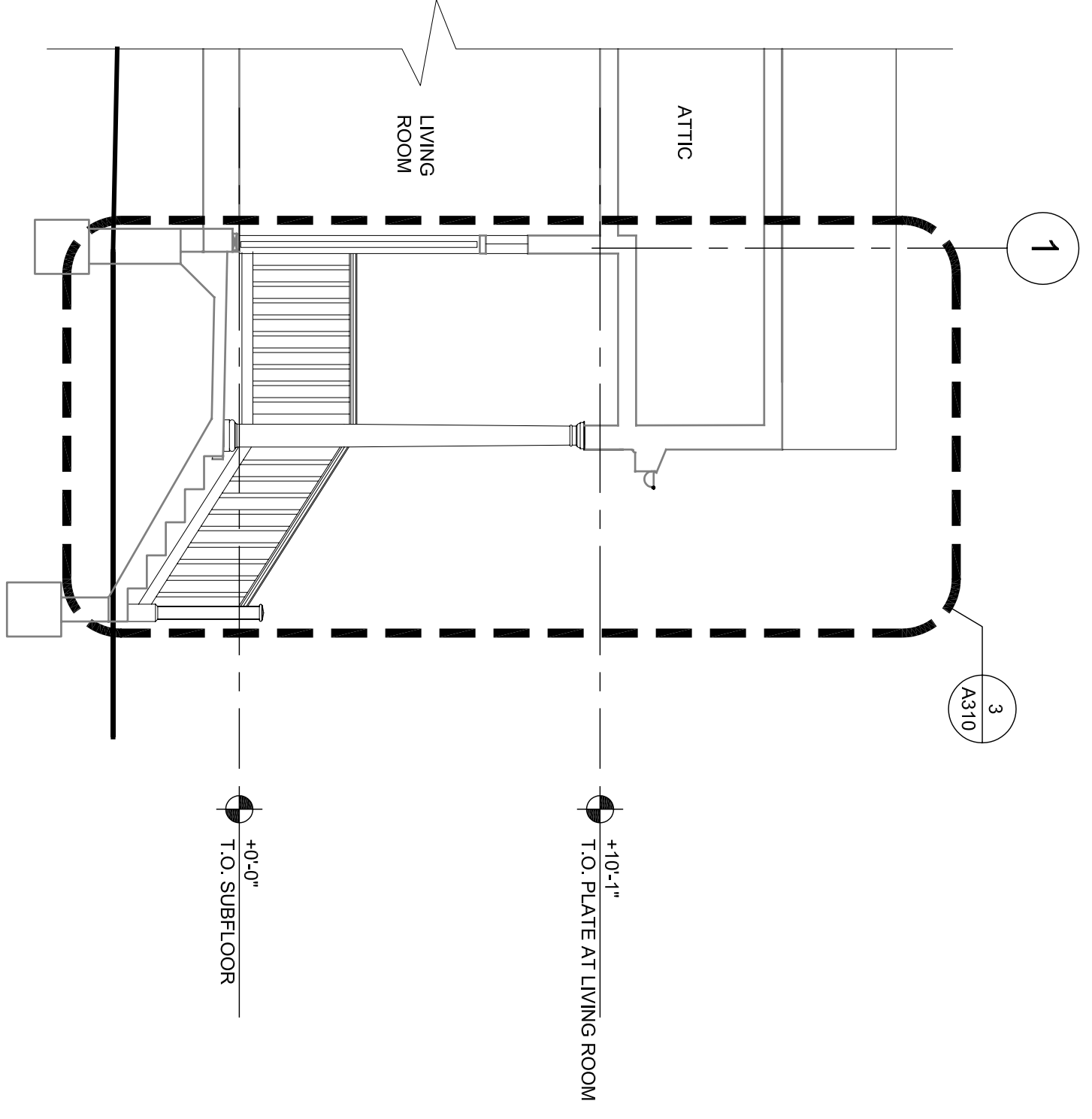
**DRAWING TITLE**

**B1 SECTIONS**

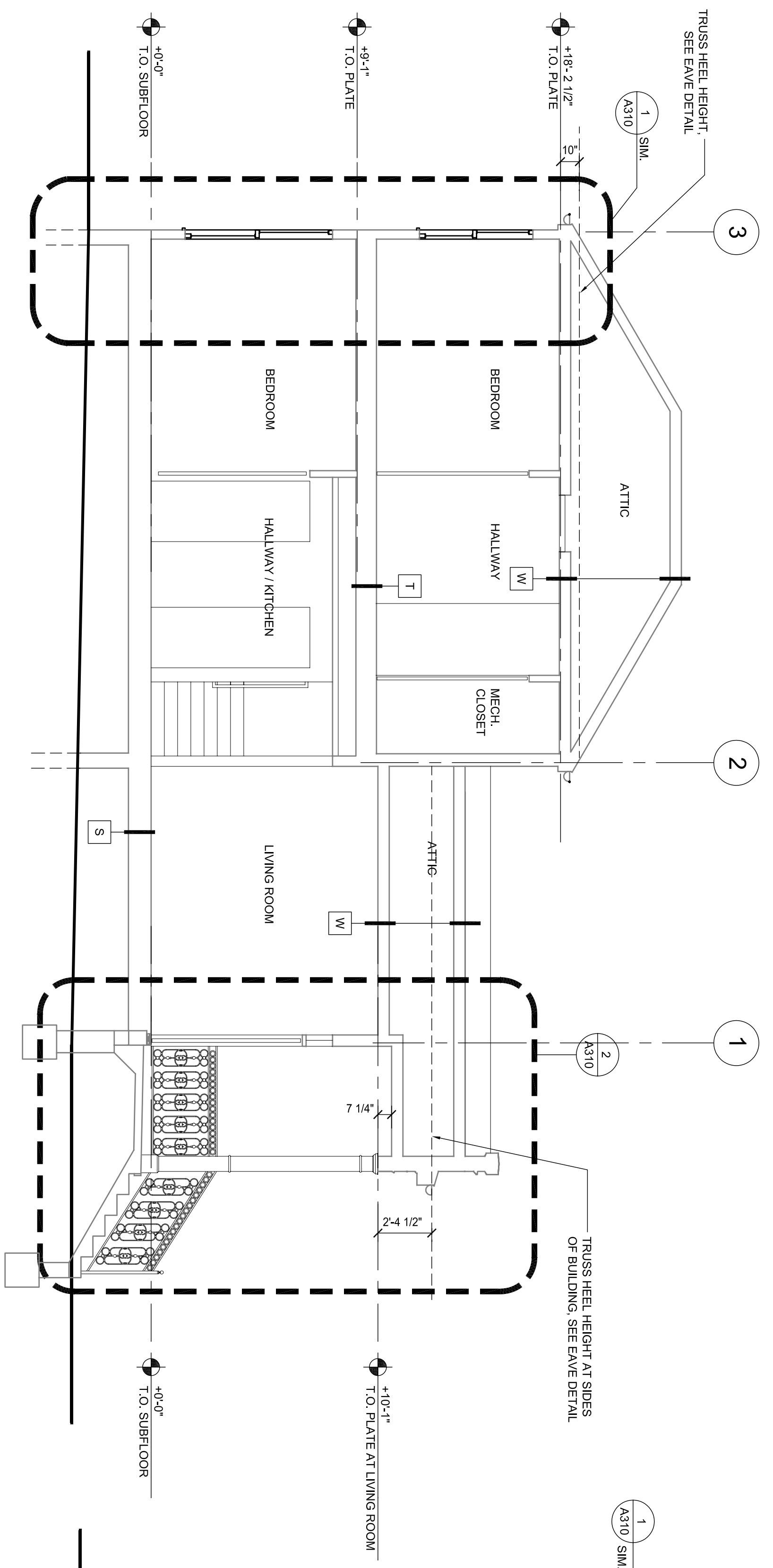
**SHEET NUMBER**

**A300**

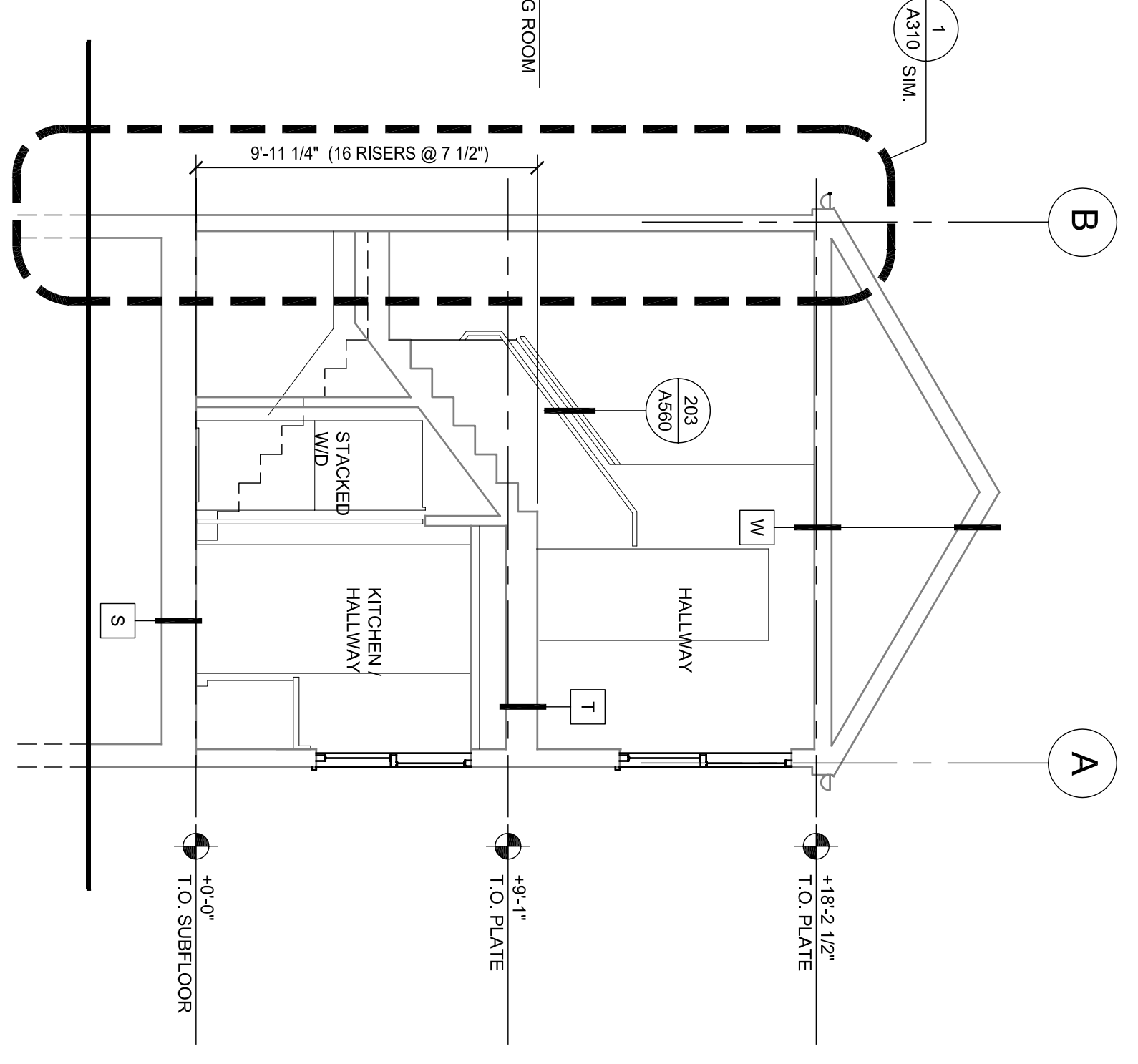
PLOT DATE: 10/13/2008 10:57AM



**3 BUILDING B1 OPTION 2**  
A300 1/4"=1'-0"



**1 BUILDING B1 SECTION OPTION 1 (OPTION 2 SIM.)**  
A300 1/4"=1'-0"



**2 BUILDING SECTION B1 (OPTION 2 SIM.)**  
A300 1/4"=1'-0"







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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 (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 MU  
CHECKED SDJ  
ELECTRONIC CAD FILENAME B1 FIRST & SECOND FLOOR, LOW & HIGH ROOF FRAMING PLANS  
PROJECT JOB NUMBER IDA-08017

1629 Telegraph Ave., #300 Oakland, CA 94612  
P: 510.831.1033 f: 510.831.1037 www.ida-engineers.com

IDA  
INGRAHAM-DEJESSE ASSOCIATES  
Consulting Engineers

**S100**

PLOT DATE 10/8/2008 8:12AM

**SHEET NOTES**

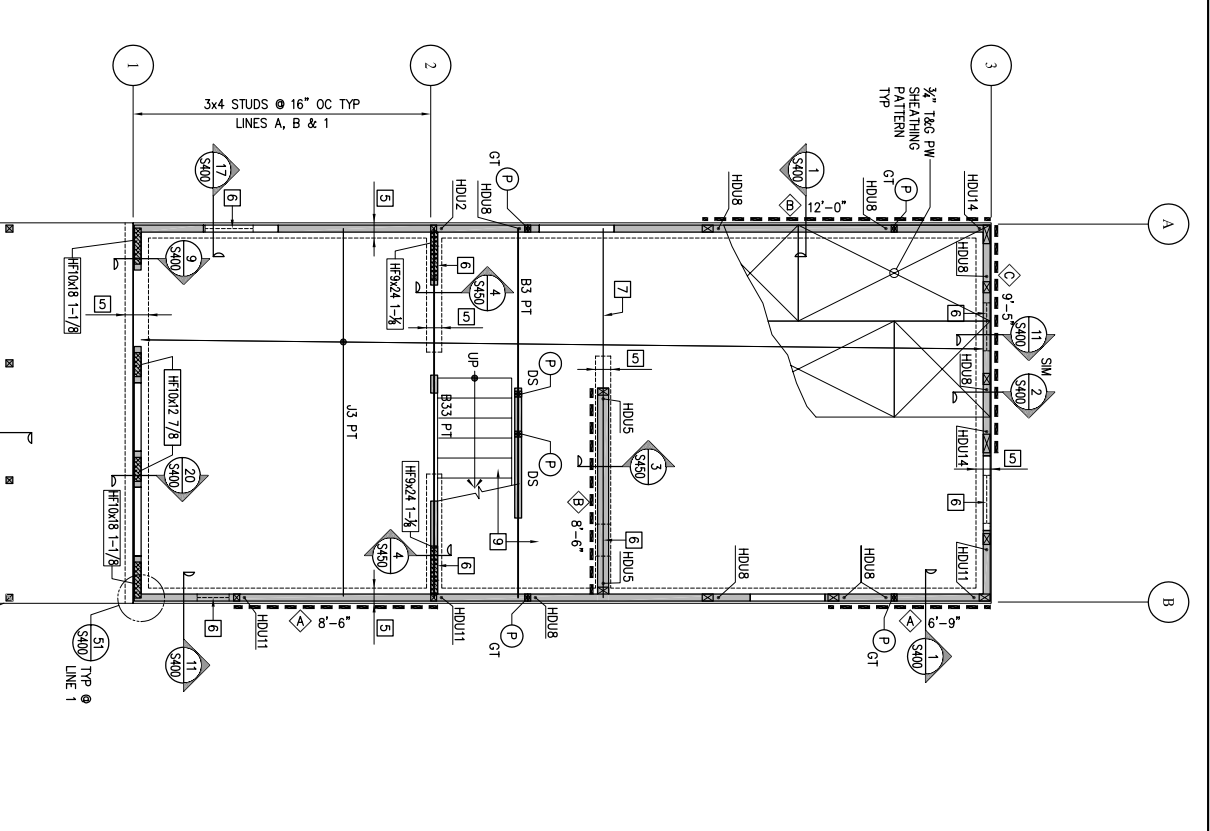
1. SEE GENERAL NOTES SHEET S000 AND SEE DETAIL BOOK SERIES S000, S050 & S060 FOR TYPICAL DETAILS NOT SHOWN HEREIN.
2. SEE FOUNDATION DRAWINGS FOR FILE, FOUNDATION & CHPILE WALL.
3. #4# DENOTES POST AND POST SIZE (TGS DENOTES DOUBLE STUD) NOT NOTED ON STRUCTURAL PLANS
4. SEE 13/S500 AND ARCHITECTURAL DRAWINGS FOR STUD SIZES NOT NOTED ON STRUCTURAL PLANS

**KEY NOTES**

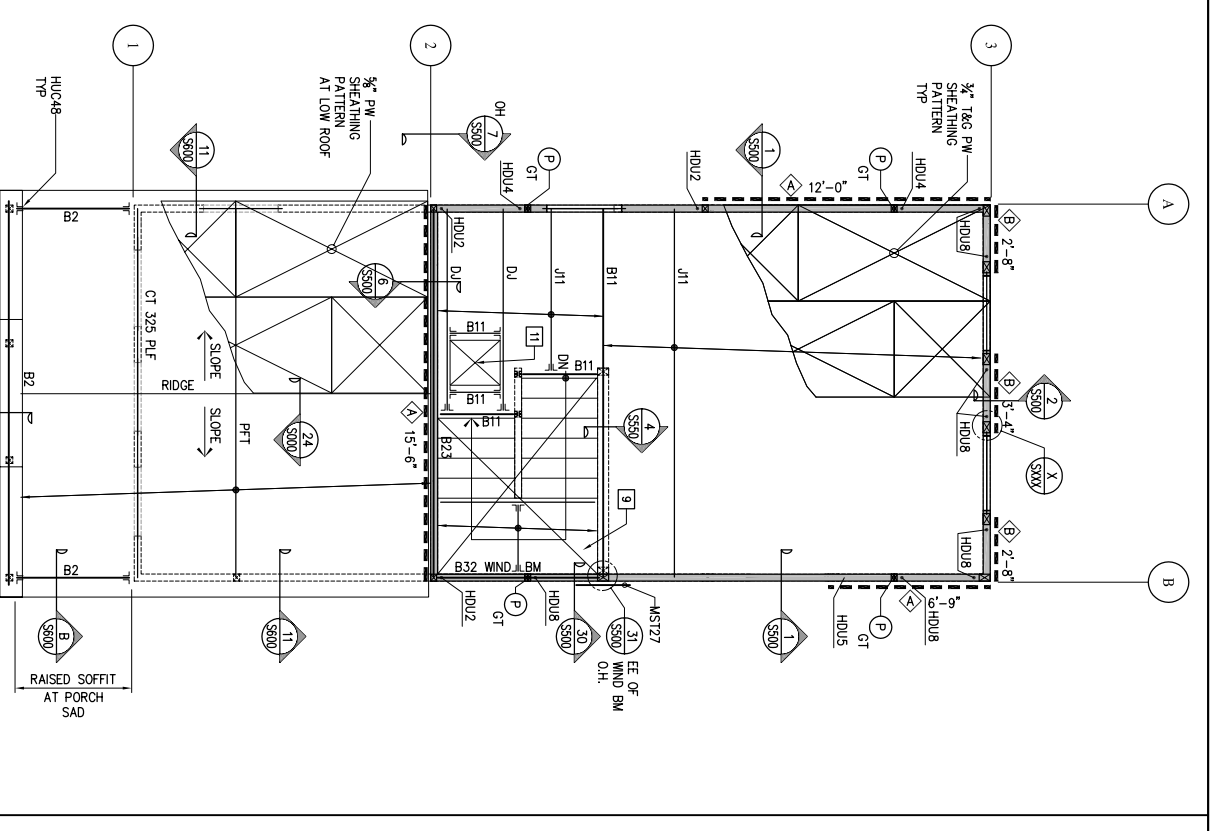
1. ATIC ACCESS, LAYOUT TRUSSES TO ACCOMMODATE OPENING IN LOCATION SHOWN ON ARCHITECTURAL DRAWINGS
2. NOT USED
3. TRUSS MANUFACTURER TO PROVIDE EXACT LOCATION OF GIRDER TRUSS.
4. CONFIGURE TRUSS TO ALLOW BEAM THROUGH, SEE SECTION
5. CMU WALL BELOW, SEE FOUNDATION DRAWINGS.
6. FOUNDATION VENT OR ACCESS OPENING-S40.
7. ALIGN ADDITIONAL JOIST WITH SHEAR WALL.
8. PROVIDE PT PSL BM PER 18/S400.
9. SEE 26 & 27/S500 FOR TRP LANDING & STAIR FRAMING
10. #4# - MECHANICAL PENETRATION THROUGH SW (MAX WIDH \* HEIGHT) SEE 22/S500
11. COORDINATE FRAMING LAYOUT WITH MECHANICAL DUCTS/SWIFTS.

**FRAMING SCHEDULE**

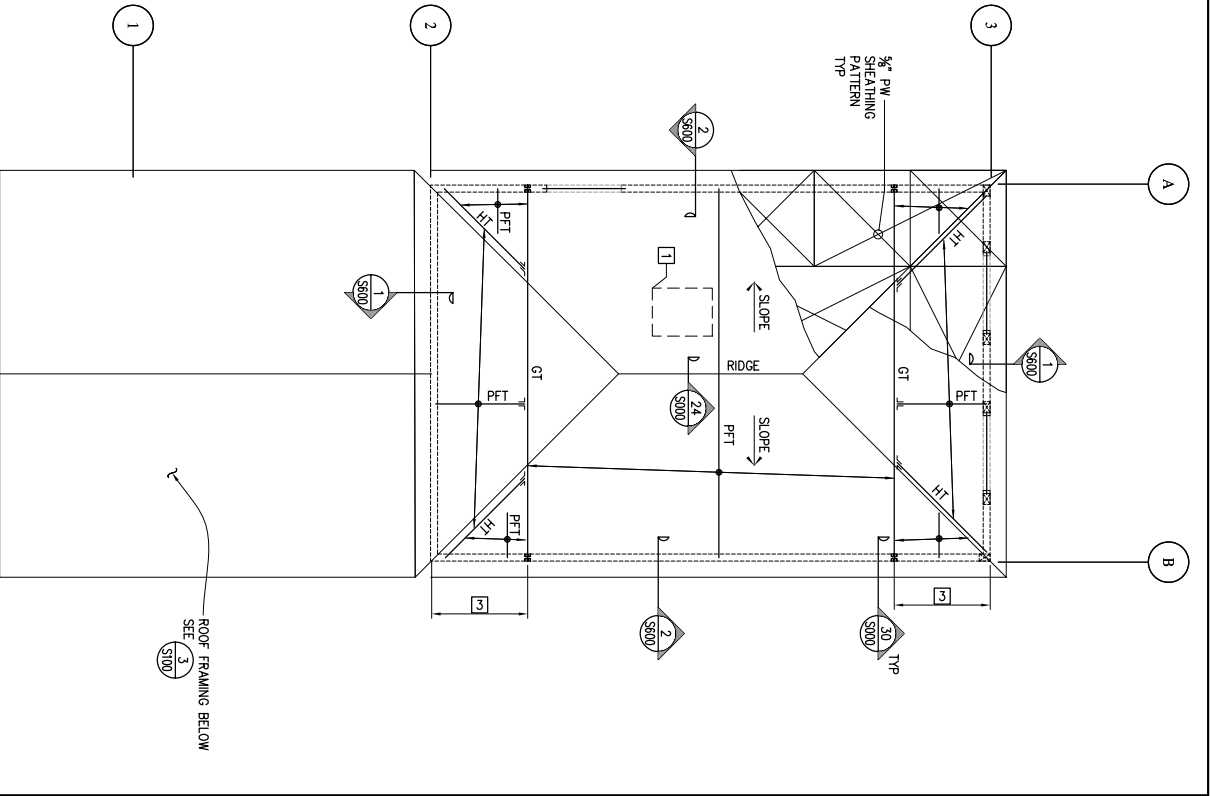
MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
PFT	PREFABRICATED WOOD TRUSS 24" OC	BY TRUSS MFR
GT	PREFABRICATED GIRDER TRUSS	BY TRUSS MFR
HT	PREFABRICATED HIP TRUSS	BY TRUSS MFR
CT	COLLECTOR TRUSS W/ PW EN XXX DENOTES IN-PLANE COLLECTOR LOAD AT TOP CHORD	BY TRUSS MFR
J1	2x6 @ 16" OC (U26-2 @ D)	U26, LSSJ26
J2	2x8 @ 16" OC (U26-2 @ D)	U26, LSSJ28
J3	2x10 @ 16" OC (U210-2 @ D)	U210, LSSJ210
J4	2x12 @ 16" OC (U210-2 @ D)	U210, LSSJ210
J10	9x2 L3 210 @ 16" OC (MU4,28/9 @ D)	U52,06/9,5
J11	1 1/2" L3 210 @ 16" OC (MU4,28/11 @ D)	U52,06/11,88
J12	1 1/2" L3 210 @ 16" OC (MU4,28/14 @ D)	U52,06/14
J20	1 1/2"x9x2" LVL @ 16" OC	HU9
J21	1 1/2"x11 1/2" LVL @ 16" OC	HU11
J22	1 1/2"x14" LVL @ 16" OC	HU14
B1	4x6	U46
B2	4x8	U48
B3	4x10	U410
B4	4x12	U412
B5	6x6	U66
B6	6x8	U68
B7	6x10	U610
B8	6x12	HU612
B10	1 1/2"x9x2" LSL	HU9
B11	1 1/2"x11 1/2" LSL	HU11
B12	1 1/2"x14" LSL	HU14
B13	2-1 1/2"x9x2" LSL	U410
B14	2-1 1/2"x11 1/2" LSL	U410
B15	2-1 1/2"x14" LSL	U414
B20	1 1/2"x9x2" LVL	HU9
B21	1 1/2"x11 1/2" LVL	HU11
B22	1 1/2"x14" LVL	HU14
B23	2-1 1/2"x9x2" LVL	U410
B24	2-1 1/2"x11 1/2" LVL	U410
B25	2-1 1/2"x14" LVL	U414
B26	5 1/2"x7 1/2" LVL	HU68
B30	3 1/2"x9x2" PSL	HU410
B31	3 1/2"x11 1/2" PSL	HU412
B32	3 1/2"x14" PSL	HU416
B33	5 1/2"x9x2" PSL	HU610
B34	5 1/2"x11 1/2" PSL	HU612
B35	5 1/2"x14" PSL	HU616
B36	5 1/2"x16" PSL	
B37	5 1/2"x18" PSL	
B39	7-3/8"x PSL	
B40	7-1/2"x PSL	
B41	7-1/4"x PSL	



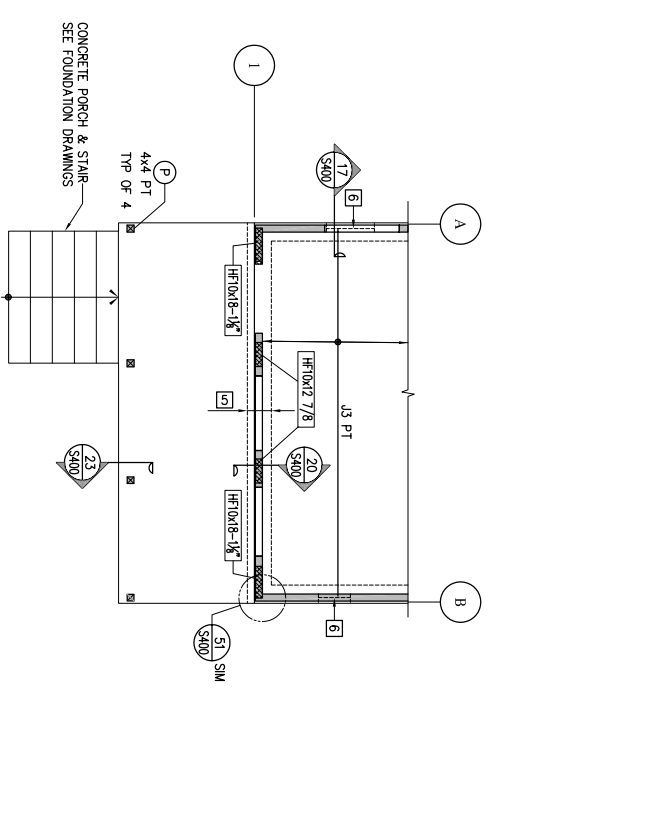
1 B1 FIRST FLOOR FRAMING PLAN  
S100 OPTION 1  
1/4"=1'-0"



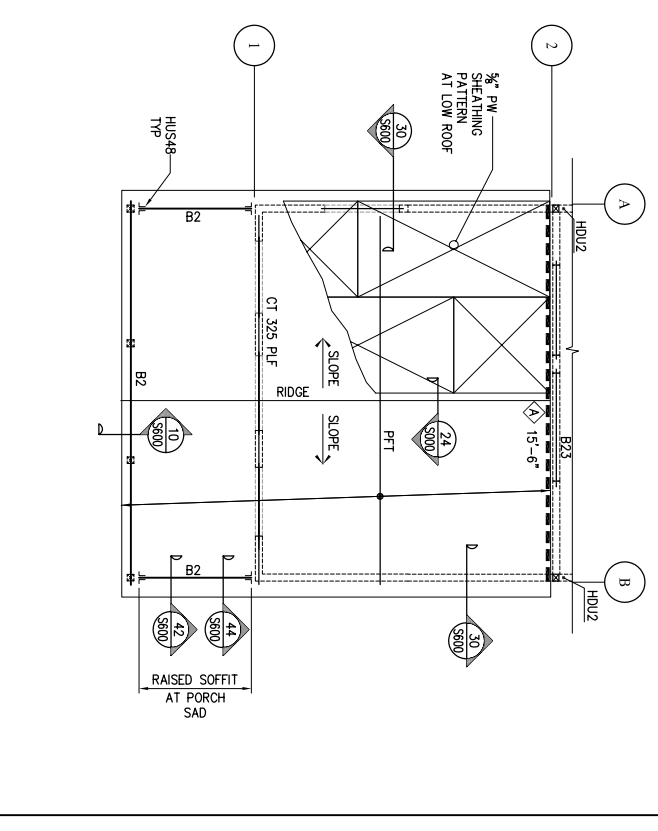
3 B1 SECOND FLOOR/LOW ROOF FRAMING PLAN  
S100 OPTION 1  
1/4"=1'-0"



5 B1 HIGH ROOF FRAMING PLAN  
S100 OPTION 1  
1/4"=1'-0"



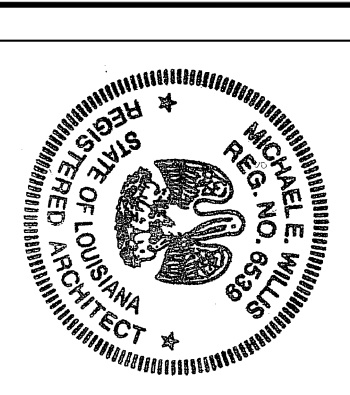
2 B1 FIRST FLOOR FRAMING PLAN  
S100 OPTION 2  
1/4"=1'-0"



4 B1 SECOND FLOOR/LOW ROOF FRAMING PLAN  
S100 OPTION 2  
1/4"=1'-0"







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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: 9/20/08**  
**SCALE**  
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**DRAWN**  
**CHECKED**  
**ELECTRONIC CAD FILENAME**  
**PROJECT JOB NUMBER**  
200807

**DRAWING TITLE**  
B1 MECHANICAL  
NOTES, LEGEND  
AND SCHEDULES  
**SHEET NUMBER**

**M001**

HEAT PUMP AND FAN COIL SCHEDULE														
TAG	MAKE/MODEL	CFM	NET COOLING (BTUH)	HIGH HEAT CAP (BTUH)	SEER	ELECTRICAL			FUSE/HAR BRK AMPS	MOCP	LIQUID-SUCTION SIZE (IN)	REMARK	WEIGHT (LBS.)	
						VOLTS	PHASE	HERTZ						FLA
HP-01	CARRIER/38CR048A003	--	48,000	48,000	13.0	208/230	1	60	23.25	28.7	50	--	3/8"-7/8"	278
FC-01	CARRIER/FX4C0NF048010	1600	48,000	48,000	13.0	208/230	1	60	4.3	50.6/55.4	--	50/60	① ②	170

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	--

- ① PROVIDE 2" 30% PLEATED DISPOSABLE FILTER
- ② PROVIDE FLEXIBLE CONNECTION
- ③ PROVIDE VIBRATION ISOLATOR

**HVAC LEGEND**

SYMBOL	ABBREVIATION	DESCRIPTION
Ⓜ	--	THERMOSTAT
↔ 8"ø	--	DUCT SIZE (DIAMETER)
↔ 10X6	--	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
EQ	--	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**

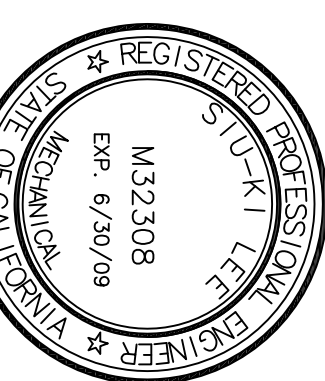
WSD	WALL SUPPLY DIFFUSER
HART & COLEY 66T, WHITE, TWO-WAY DEFLECTION.	
*150 CFM OR LESS: 12x6	
*151 - 215 CFM: 12x8	
*216 - 260 CFM: 14x8	
*261 - 300 CFM: 16x8	
*301 - 340 CFM: 18x8	
*341 - 380 CFM: 20x8	
CSD	CEILING SUPPLY DIFFUSER
HART & COLEY 66T, WHITE, TWO-WAY DEFLECTION.	
*150 CFM OR LESS: 12x6	
*151 - 215 CFM: 12x8	
*216 - 260 CFM: 14x8	
*261 - 300 CFM: 16x8	
*301 - 340 CFM: 18x8	
*341 - 380 CFM: 20x8	

**GENERAL NOTES**

1. 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.
2. 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.
3. 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.
4. THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE EXACT LOCATION OF PIPING, DUCT WORK OR DIFFUSERS.
5. 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.
6. 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.
7. 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.
8. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES REQUIRED FOR THE WORK.

**HVAC GENERAL NOTES**

1. VERIFY EXACT SIZE AND LOCATION OF OPENINGS THROUGH BEAMS, CONCRETE WALLS AND SLABS WITH STRUCTURAL ENGINEER, PRIOR TO INSTALLATION OR PURCHASE.
2. SEAL ALL AIR PLENUMS, DUCT SHAFTS AND PENETRATIONS AIRTIGHT.
3. FLEX DUCTS MAY BE USED IN BETWEEN JOISTS AND AT CONNECTION TO DIFFUSERS. FLEX DUCT SHALL BE LISTED AND LABELED UMC 10-1 (UL181)
4. SEE STRUCTURAL DRAWINGS FOR MINIMUM DISTANCE BETWEEN PIPE SLEEVES AND OTHER PENETRATIONS OF STRUCTURAL SLABS AND WALLS.
5. PROVIDE NECESSARY TRANSITION PIECES UNDER BEAMS TO AVOID CONFLICT WITH CEILING, LIGHTS, PIPING, ETC. AS REQUIRED.
6. 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.
7. CONTRACTOR SHALL COORDINATE WITH ARCHITECT BEFORE PURCHASING DIFFUSERS AND GRILLES TO VERIFY SIZE, TYPE AND FINISH. COORDINATE LOCATIONS WITH LIGHTING AND REFLECTED CEILING PLANS.
8. LINING MATERIALS INSTALLED WITHIN DUCTS TO HAVE MOLD HUMIDITY, AND EROSION RESISTANT SURFACE THAT MEETS THE REQUIREMENTS OF 2001 UMC 605.0.
9. 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.
10. SUBMIT AIR BALANCING REPORT FOR REVIEW AND APPROVAL.



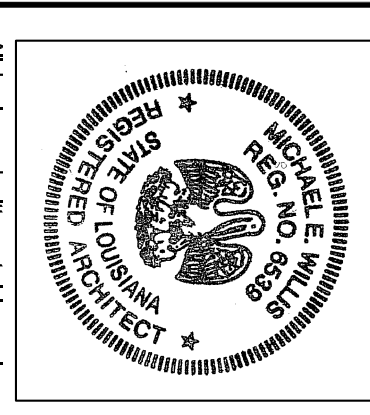
LOUISIANA LICENSE FINDING APPROVAL

**SHEET NOTES**

1. BROAN WALL CAP, MODEL 8854L, S.A.D.
2. 4" DUCT FOR DRIVER EXHAUST.
3. BROAN WALL CAP, MODEL 641, S.A.D.
4. 6" DUCT FOR KITCHEN HOOD
5. 14X10 LOUVER WITH O.B.I.D. AND SCREEN, S.A.D.

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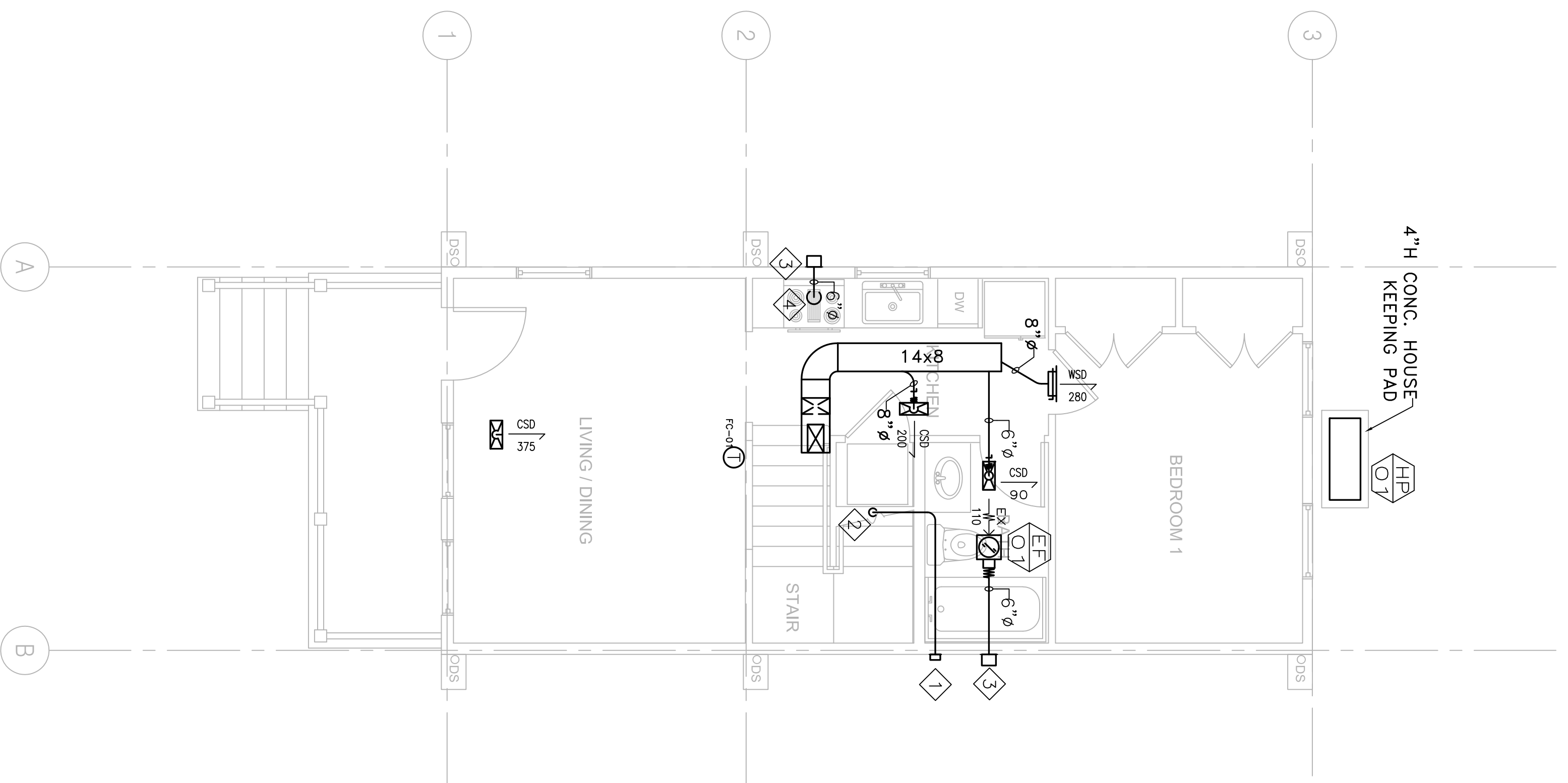
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**OCTOBER 1, 2008**

REVISIONS	MARK	NUMBER	DATE

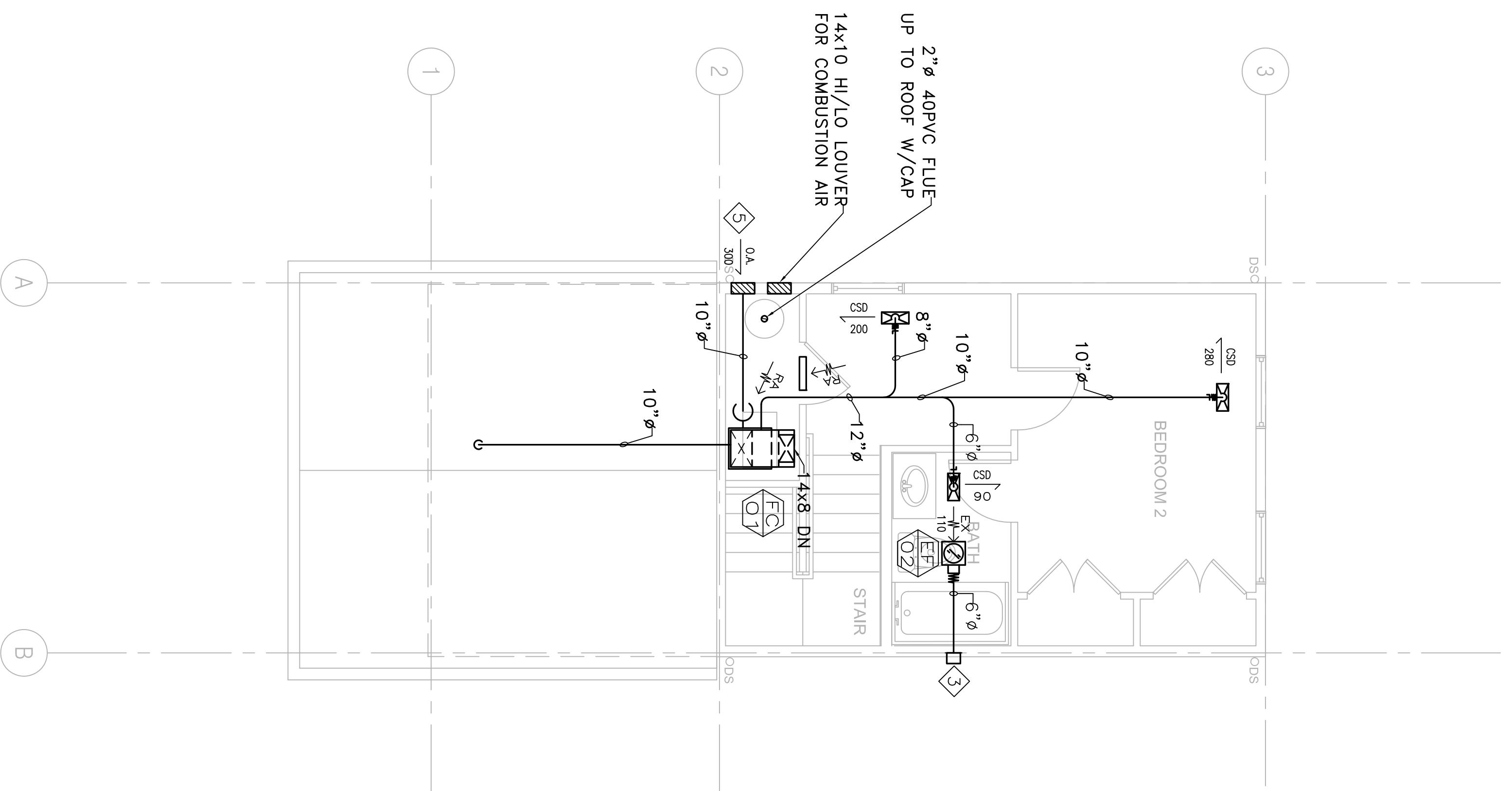
**TREME/LAFITTE AND TULANE/GRAVIER HOME BUILDING PLAN**  
 NEW ORLEANS, LOUISIANA  
 PROVIDENCE COMMUNITY HOUSING & ENTERPRISE HOMES INC.

**ISSUE DATE: 9/2/08**  
**SCALE**  
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**CHECKED**  
**ELECTRONIC CAD FILENAME**  
**PROJECT JOB NUMBER**  
 200807

**DRAWING TITLE**  
 B1 MECHANICAL FLOOR PLANS  
**SHEET NUMBER**  
**M100**

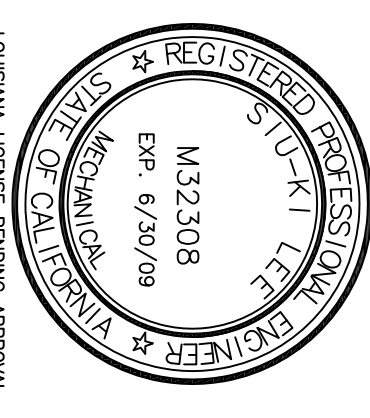


**1 B1 MECHANICAL FIRST FLOOR PLAN**  
 M100 1/4" = 1'-0"



**2 B1 MECHANICAL SECOND FLOOR PLAN**  
 M100 1/4" = 1'-0"

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## PLUMBING GENERAL NOTES

- PROVIDE ISOLATED COUPLERS AND/OR UNIONS AT POINTS OF CONNECTION BETWEEN COPPER, STEEL AND BRASS PIPING. EPCO OR EQUAL.
- 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 ACUSTICAL 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 ½" INSTALL ALL COMPONENTS AS PER MANUFACTURER'S INSTRUCTIONS.
- 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.
- PLUMBING FIXTURES SHALL BE COMPLETE WITH ALL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.
- SELECTION OF FAUCETS AND FITTINGS SHALL AVOID THE TYPE WITH POTENTIAL FOR LEAD CONTAMINATION.
- INSTALL STOP VALVES ON HOT AND COLD WATER SUPPLIES TO EACH FIXTURE.
- ALL FLOOR DRAIN MUST HAVE ½" COLD WATER CONNECTED TO TRAP PRIMER (PIPING NOT SHOWN FOR CLARITY).

- 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.
- 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.
- 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.

- 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 ½" LARGER THAN THE PIPE DIAMETER.
- PROVIDE AERATION DEVICES ON ALL KITCHEN SINK AND LAVATORY FAUCETS.
- PIPE LINES SHALL BE INSTALLED FREE FROM TRAPS AND AIR POCKETS AND TRUE TO LINE AND GRADE WITH SUITABLE SUPPORTS PROPERLY SPACED.
- HORIZONTAL LINES SHALL HAVE HANGERS OR SUPPORTS SPACED AS FOLLOWS (BASED ON CURRENT LOCAL CODES):
  - CAST IRON PIPE – 5' CENTERS FOR LEAD AND OAKUM JOINT, FOR OTHER JOINT TYPES, EVERY OTHER JOINT, UNLESS OVER 4', EVERY JOINT.
  - STEEL PIPE – 10' CENTERS FOR ¾" AND SMALLER, 12' FOR 1" AND LARGER.
  - COPPER TUBING – 5' CENTERS FOR 1½" AND SMALLER, 10' FOR 2" AND LARGER.

- 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, OR SOFT METAL PIPING.
- CHANGES IN PIPE SIZE SHALL BE MADE WITH REDUCING FITTINGS, AND BUSHING WILL NOT BE PERMITTED.
- UNION CONNECTION SHALL BE INSTALLED DOWNSTREAM OF ALL VALVES, AT ALL EQUIPMENT CONNECTIONS AND AT OTHER POINTS AS REQUIRED.
- CUTTING OR BORING OF HOLES THROUGH JOISTS OR STRUCTURAL MEMBERS 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.

- 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.

- PROVIDE WATER HAMMER ARRESTORS IN SUPPLY LINES CONNECTED TO FIXTURES AND APPLIANCES. (18" LONG AIR CHAMBER ACCEPTABLE.)
- 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.
- PRESSURE TEST ENTIRE NEW HOT AND COLD PIPING AND DRAINAGE SYSTEM UP TO POINT OF CONNECTION. VERIFY (E) OVERHEAD & UNDERGROUND PIPING.
- HOT WATER PIPING TO BE INSULATED PER CURRENT LOCAL ENERGY EFFICIENT STANDARD.
- HORIZONTAL DRAINAGE PIPING SHALL BE RUN IN PRACTICAL ALIGNMENT AND A UNIFORM SLOPE OF NOT LESS THAN ¼" PER FT AS PER CURRENT LOCAL CODES.
- ALL DOMESTIC WASTE AND VENT (DWV) PIPING SHALL BE CAST IRON OR DWV COPPER.
- 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"	①
LAV	2	1½"	¾"	¾"	①
UR	2	1½"	¾"	¾"	①
DE	2	1½"	¾"	¾"	①
JS	2	1½"	¾"	¾"	①
KS	2	1½"	¾"	¾"	①
FD	2	1½"	¾"	¾"	① PROVIDE ½" CW AND TIE TO TRAP PRIMER

REMARK:  
 ① PROVIDE WATER HAMMER ARRESTER FOR EACH FIXTURE BANK OR MIN. 18" AIR CHAMBER AT EACH PLUMBING FIXTURE.

## LEGEND

SYMBOL	ABBRVL	DESCRIPTION
----	W	WASTE BELOW FLOOR
----	V	VENT
----	CW	COLD WATER
----	HWS	HOT WATER SUPPLY
----	G	GAS LINE
—φ—	FCO	FLOOR CLEAN OUT
—∩—	—	PIPE DOWN
φ	FD/RD	FLOOR DRAIN/ROOF DRAIN
>	—	FLOW DIRECTION
.	—	PLUMBING FIXTURE CONNECTION
◆	—	SHEET NOTES NOTATION
○	—	WASHER BOX
EQ	—	EQUIPMENT TAG
①	—	DETAIL TAG

## EQUIPMENT SCHEDULE

-  GAS WATER HEATER  
 AO SMITH MODEL GPHE—50  
 STORAGE: 50 GAL  
 INPUT(IN): 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.

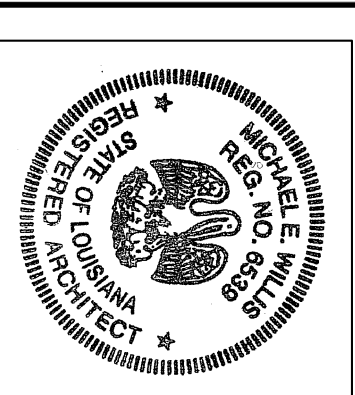
### PLUMBING SIZING CALCULATIONS

*TAG	FIXTURE	QTY.	DRAIN/VENT F.U.	WATER SUPPLY F.U.	HW	CW
WC	WATER CLOSET	2	3	6	2.5	0
LAV	LAVATORY	2	2	4	1	2
BT	BATHUB/SHOWER	2	2	4	4	8
KS	KITCHEN SINK	1	2	2	2	2
W/D	CLOTHES WASHER	1	3	3	4	3
DW	DISH WASHER	1	—	—	1.5	—
HB	HOSE BIBB	2	—	—	1	—
FD	FLOOR DRAIN	2	—	2	φ	—
	TOTAL		19		16.5	22
					GPM	17
					4"φW	1"φHW
						1"φCW

PLUMBING FIXTURE SCHEDULE			
TAG	FIXTURE TYPE	MAKE/MODEL	SUPPLY
WC	FLOOR CLOSET WATER CLOSURE	ZURN / ECONOMICE DUAL FLUSH EL. ADA	WC COLE
LAV	COUNTER MOUNTED LAVATORY	AMERICAN STANDARD / CADET OVAL COUNTERTOP SINK	ZURN CERAMIC ZURN SHOWER HEAD
BT/SH	BATHUB	KOHLER / ARCHER BATHUB	ZURN SHOWER HEAD
KS	KITCHEN SINK	DAYTON / DOUBLE BOWL STAINLESS 28" BATHUB	WEN # 2200
FD	FLOOR DRAIN	ZURN / 2200 FLOOR DRAIN OR EQUIVALENT	1½" CW TO TRAP PRIMER

### GAS SIZING CALCULATIONS

TAG	DESCRIPTION	QTY.	BTUH (PER EQUIPMT.)
WH	WATERHEATER	1	76,000
WS	WASHER/DRYER	1	35,000
	TOTAL (MBTUH)		111,000
	TOTAL (GPH)		101



All drawings and other material prepared by the architect and any other person employed by the architect and any other person employed by the architect shall be the property of the architect.

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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: 9/20/08

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PROJECT JOB NUMBER

DRAWING TITLE

GENERAL NOTES  
LEGEND, SCHEDULE

SHEET NUMBER

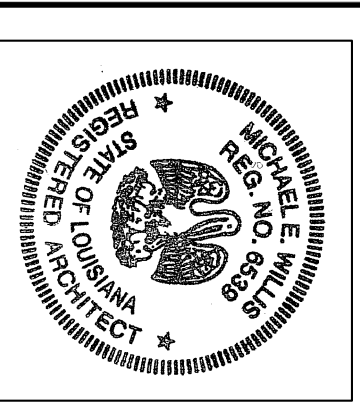
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LOUISIANA LICENSE FINDING APPROVAL



All drawings and related material prepared by the undersigned are the work of the architect and may not be used for any other purpose without the consent of the architect.

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OCTOBER 1, 2008

REVISIONS	MARK	NUMBER	DATE

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

PROVIDENCE COMMUNITY HOUSING &  
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**P-1**  
PLOT DATE: 9/26/2008 8:29PM

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

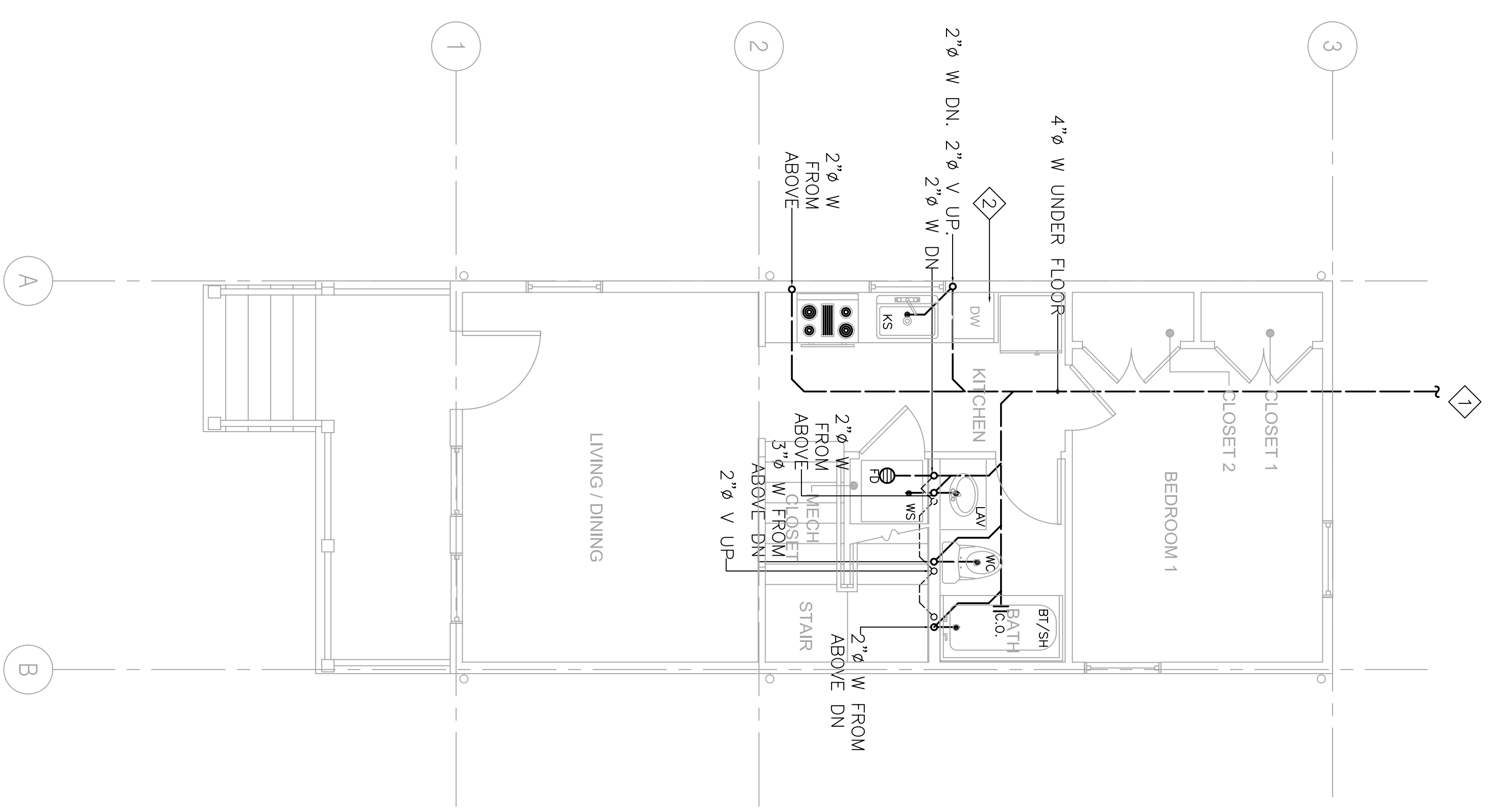
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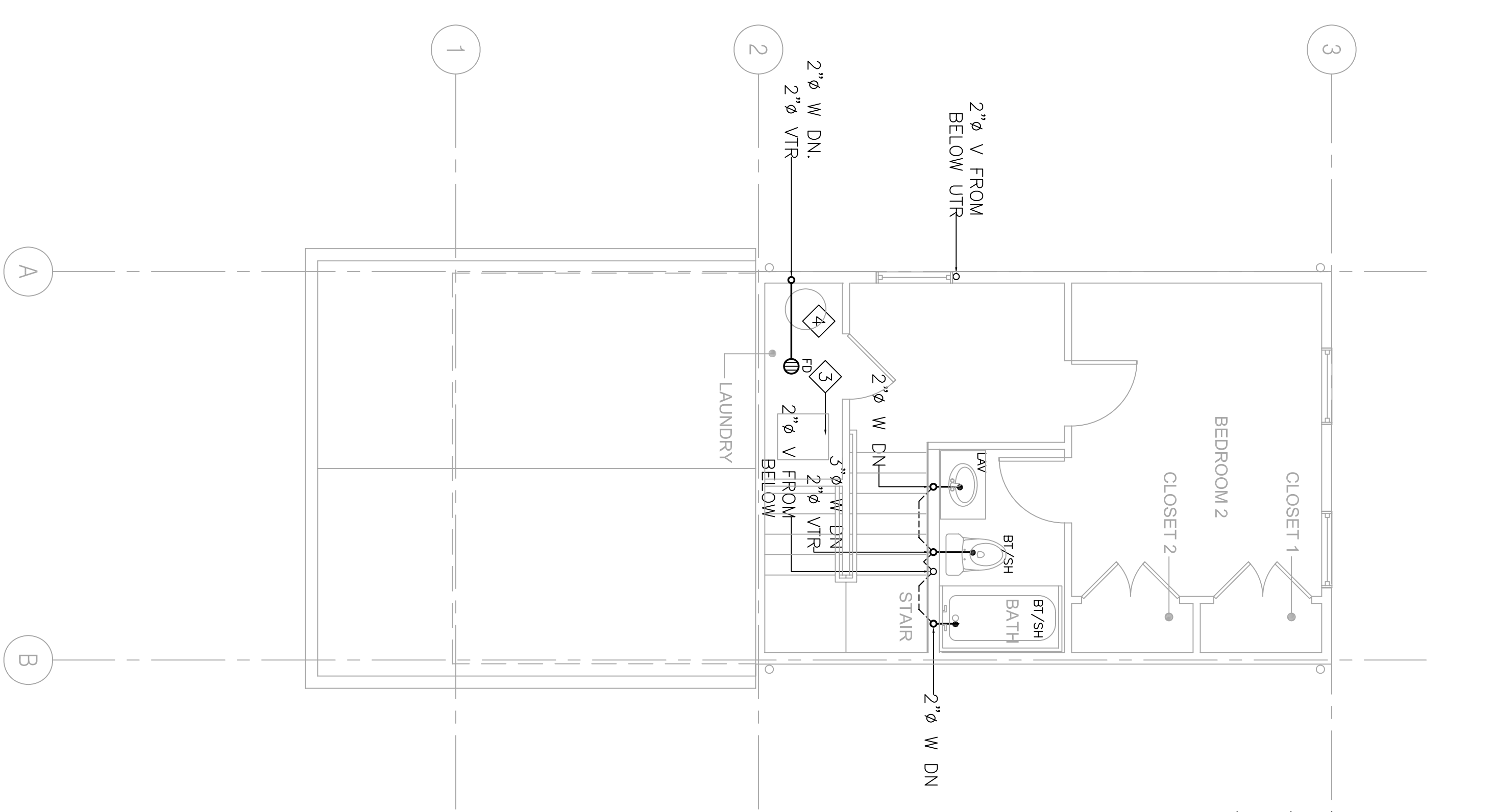
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**P-1**  
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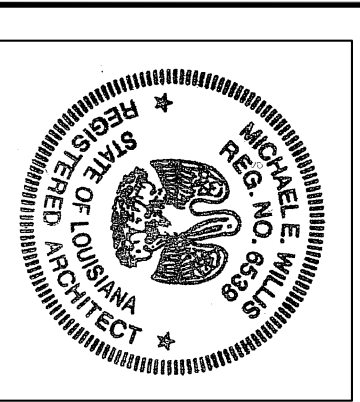


**1 GROUND FL WASTE/VENT PLAN**  
SCALE: 1/4" = 1'-0"



**2 SECOND 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 DRAIN INDIRECTLY TO NEARBY FLOOR DRAIN.
  - 4 3/8" DRAIN FROM WATER HEATER DRAIN PAN, DRAIN INDIRECTLY TO FLOOR DRAIN BELOW WATER HEATER.



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

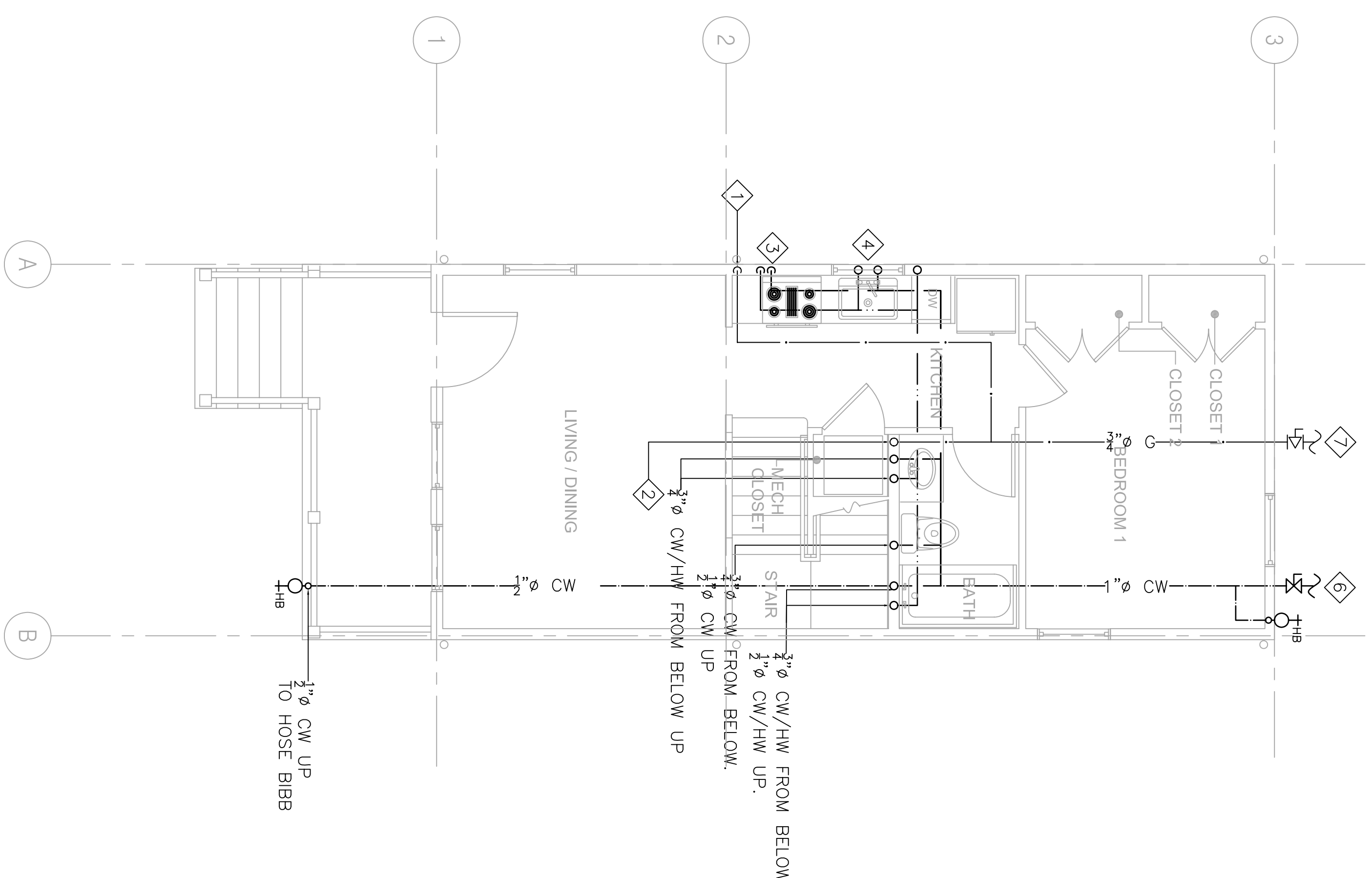
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size. Scale noted on drawing/  
details is no longer applicable.

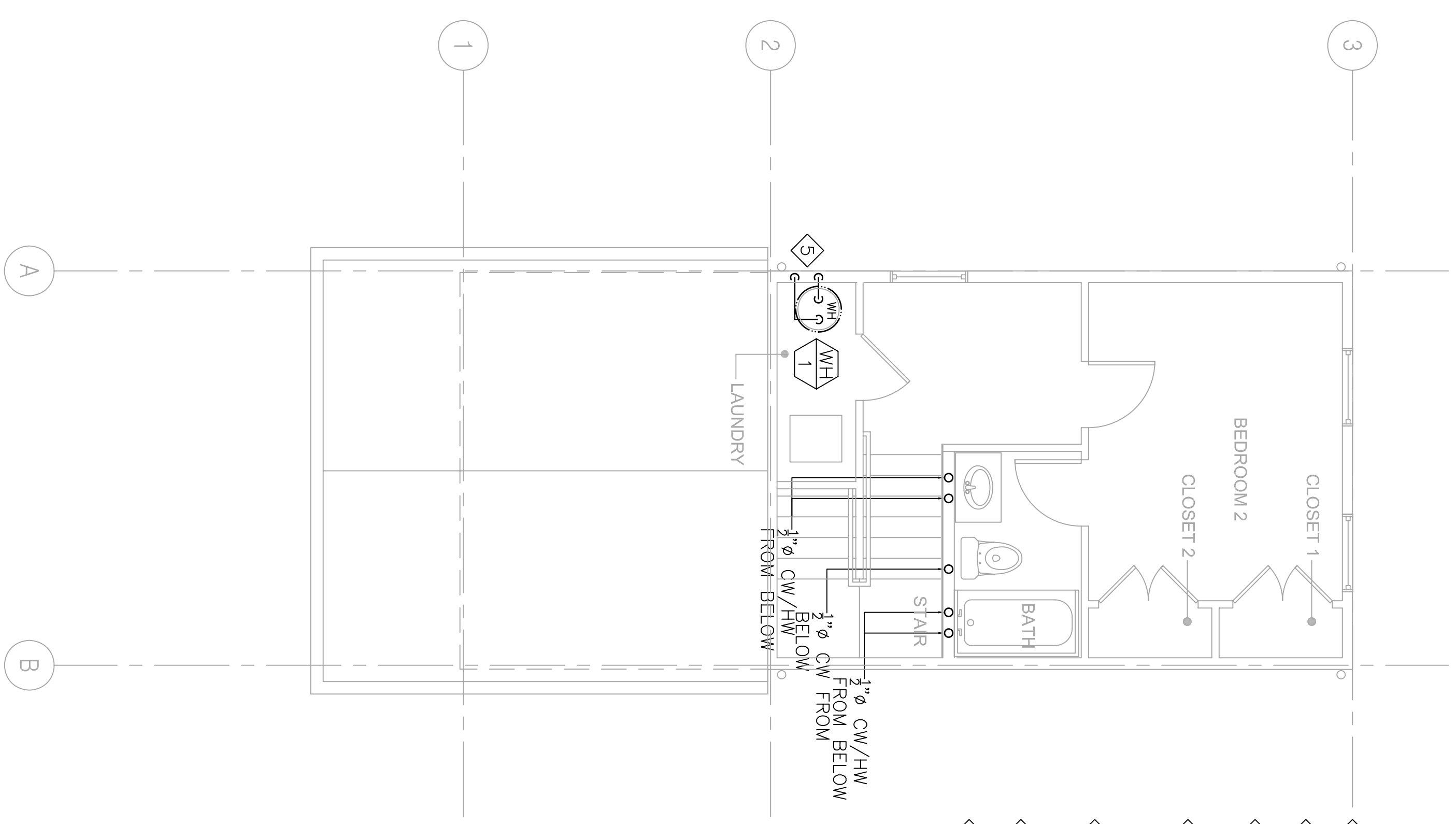
DRAWN  
CHECKED  
ELECTRONIC CAD FILENAME  
PROJECT JOB NUMBER  
DRAWING TITLE

B1 PLUMBING PLAN  
HW/CW/GAS  
SHEET NUMBER

P-2  
PLOT DATE: 9/26/2008 8:28PM



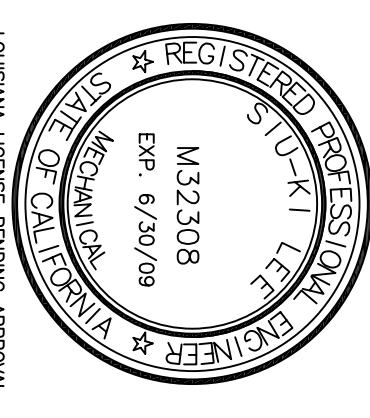
**1 GROUND FL HW/CW/GAS PLAN**  
SCALE: 1/4" = 1'-0"  
P-2



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

- SHEETNOTES:**
- 1" G UP TO WH(76,000 BTUH)
  - 1" G UP TO DRYER(35,000 BTUH)
  - 1" COLD WATER UP TO WATER HEATER.
  - 1" HOT WATER DN FROM ABOVE.
  - 1" HOT AND COLD WATER SUPPLY UNDER WINDOW IN WALL.
  - 1" COLD WATER FROM BELOW TO WATER HEATER. 1" HOT WATER DN FROM WATER HEATER.
  - FOR CONTINUATION SEE CIVL DRAWINGS.
  - CONNECT TO GAS METER VERIFY IN FIELD FOR EXACT LOCATION OF GAS METER.

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LOUISIANA LICENSE FINDING APPROVAL

## LIGHTING FIXTURE SCHEDULE, CONT.

<b>(K1)</b> DESCRIPTION: MANUFACTURER: NATLONE # 07XEN080	ULTRA QUIET FAN 0.7 SONES, 80 CFM
<b>(L)</b> DESCRIPTION: FOR FAN, 3-WAY SWITCHING FOR LIGHT WHERE SHOWN ENERGY STAR LISTED FINISH PER ARCHITECT EMERSON # 09352/LA51T LAMP: (1) 35W CFL/2500K	52" COMBO CEILING FAN/FLUORESCENT LIGHT, SEPARATE SWITCH FOR LIGHT AND FAN, MULTI SPEED CONTROL.
<b>(M)</b> DESCRIPTION: MANUFACTURER: LAMP: NICON # 35661-42T-K-ES-PC (1) 42W CFL/2500K	WALL MOUNTED COMPACT FLUORESCENT PROTECTED RIBBED GLASS, ELECTRONIC BALLAST, ENERGY STAR LISTED WITH BUILT-IN PHOTOCELL CONTROLLER.

## NOTES

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

## LIGHTING FIXTURE SCHEDULE

<b>(A4)</b> DESCRIPTION: MANUFACTURER: LAMP: (1) 28W DT/835	14 INCH DIA SURFACE COMPACT FLUORESCENT FIXTURE, BRUSHED NICHEL HOUSING, SAM-ETCHED GLASS DIFFUSER, ELEC. BALLAST, ENERGY STAR LISTED FINISH PER ARCHITECT
<b>(BB)</b> DESCRIPTION: MANUFACTURER: LAMP: LITHONIA # 10642-332-1/3-GB10NS OR EQUAL (3) 32W T8/835	18" WIDE SURFACE MOUNTED FLUORESCENT FIXTURE WITH WHITE ACRYLIC DIFFUSER, ELEC. BALLAST
<b>(CC)</b> DESCRIPTION: MANUFACTURER: LAMP: LITHONIA # 11928 (3) 13W T8T/2500K	14.5" DIA x 8.5" DEPTH TULIP CLUSTER PENDANT COMPACT FLUORESCENT FIXTURE, BRUSHED NICHEL HOUSING, SAM-ETCHED GLASS DIFFUSER, ELEC. BALLAST, FINISH PER ARCHITECT
<b>(DD)</b> DESCRIPTION: MANUFACTURER: LAMP: LITHONIA # 11736 BN (2)2600T OR EQUAL (2) 28W DT/835	16.5 INCH DIA SURFACE COMPACT FLUORESCENT FIXTURE, BRUSHED NICHEL HOUSING, SAM-ETCHED GLASS DIFFUSER, ELEC. BALLAST, ENERGY STAR LISTED FINISH PER ARCHITECT
<b>(EE)</b> DESCRIPTION: MANUFACTURER: LAMP: LITHONIA # 11929 (2)25W T8/835	36" VANITY FLUORESCENT FIXTURE WITH WHITE ACRYLIC DIFFUSER, NARROW BAND ELEC BALLAST ENERGY STAR LISTED, FINISH PER ARCHITECT
<b>(EE1)</b> DESCRIPTION: MANUFACTURER: LAMP: LITHONIA # 11928 (2)17W T8/835	24" VANITY FLUORESCENT FIXTURE WITH WHITE ACRYLIC DIFFUSER, NARROW BAND ELEC BALLAST ENERGY STAR LISTED, FINISH PER ARCHITECT
<b>(EE2)</b> DESCRIPTION: MANUFACTURER: LAMP: LITHONIA # 11930 (2)32W T8/835	48" VANITY FLUORESCENT FIXTURE WITH WHITE ACRYLIC DIFFUSER, NARROW BAND ELEC BALLAST ENERGY STAR LISTED, FINISH PER ARCHITECT
<b>(FF)</b> DESCRIPTION: MANUFACTURER: LAMP: NICON # 33561-260E-ES (1)26W QUAD CFL/2500K	WALL MOUNTED LIGHT, COMPACT FLUORESCENT WITH FROSTED RIBBED GLASS LENS, DIE-CAST ALUMINUM, NET LOCATION, ELEC BALLAST, ENERGY STAR LISTED, FINISH PER ARCHITECT
<b>(GG)</b> DESCRIPTION: MANUFACTURER: LAMP: NICON #35561-260E-ES (1)26W QUAD/2500K	CEILING MOUNTED COMPACT FLUORESCENT LIGHT WITH FROSTED RIBBED GLASS LENS, ELECTRONIC BALLAST ENERGY STAR LISTED, NET LOCATION, FINISH PER ARCHITECT
<b>(HH)</b> DESCRIPTION: MANUFACTURER: LAMP: NICON # 3719-WHITE-260E (1) 26W QUAD CFL/2500K	WALL MOUNTED COMPACT FLUORESCENT WITH CLEAR PRISMATIC POLYCARBONATE LENS, ELECTRONIC BALLAST ENERGY STAR LISTED, VERIFY FINISHED WITH THE ARCH.
<b>(JJ)</b> DESCRIPTION: MANUFACTURER: LAMP: NICON # 260UD CFL/2500K	SURFACE CEILING COMPACTFLUORESCENT WITH FROSTED RIBBED GLASS LENS, ELEC BALLAST ENERGY STAR LISTED, VERIFY FINISHED WITH THE ARCH.
<b>(KK)</b> DESCRIPTION: MANUFACTURER: LAMP: (1)42W CFL/2500K	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

SERVICE: 120/240V, 1ø, 3W		PANEL-B1		ENC. NO. 1		RECESSED MOUNTING MAIN BUS: 200A FEEDER: SEE S/L DIAGRAM	
DESCRIPTION	VA	A	B	DESCRIPTION	VA	A	B
RANGE	4000	1	50/2	2	20/1	2	20/1
KIT-HALL	800	3	20/1	4	20/1	4	1200 DISMISHER
LIVING RM	800	7	20/1	8	1500	6	KIT. COUNTER
BEDROOM	800	9	20/1	10	1500	8	KIT. COUNTER
BEDROOM	800	11	20/1	12	500	10	MICROWAVE OVEN (MO)
BEDROOM	800	13	20/1	14	300	12	BATHROOM
BEDROOM	1200	15	20/1	16	360	14	BATHROOM
WASHER - GAS	1000	17	20/1	18	500	16	RECORDING
DWETS - GAS	19	20/1	20	20	180	20	STAIRBOX
HWT & BLOWER	600	21	20/1	22	2680	22	RIG-EQUIPMENT
SPACE		23	20/1	24	2880	24	HP-01
SPACE		25	20/1	26	3700	26	FP-01
SPACE		27	20/1	28		28	
SPACE		29	20/1	30		30	
TOTAL PHASE A							
TOTAL PHASE B							
TOTAL CONNECTED LOAD							

SEE LOAD CALCULATIONS FOR DEMAND LOAD

## GENERAL NOTES

- PROB 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 PARRY STRIP GREEN GROUND WIRE IN ALL POWER CONDUIITS, BRANCH CIRCUITS (LIGHTING & POWER) AND HOMERUNS.
- REFER TO ARCHITECTURAL INCLUDING 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, CONDUIITS, 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 2" IN ADJACENT STUDS, IF NOT POSSIBLE, PROVIDE WRAE AND BOXES WITH FIRE RATED PUTTY PER FIRE MARSHAL APPROVAL.
- THE CONTRACTOR SHALL VERIFY ALL CEILING TYPES BEFORE ORDERING OF FIXTURES. (ESD) TYPE OF ALL FEATURES COORDINATE WITH DIVISION 15. ALL FEATURES LISTED ON THIS 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 CONDUIITS 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 VERIFYING 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 CONDUIIT ABOVE GRADE INCLUDING ALL ROOF MOUNTED CONDUIIT, SHALL BE RIBD GALVANIZED STEEL, U.O.N. COAT ALL EXPOSED THREADS WITH GALVANIZING PAINT.
- ALL CONDUIIT 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 EXT SIGNS SHALL COMPLY WITH SECTIONS 1013-2 AND 1013-5 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, IDENTIFY REPLACEMENT COMPONENT REQUIRED", PER ARTICLE 110-22.
- ALL UNDERGROUND SERVICE CONDUIITS SHALL BE SEALED PER ARTICLE 230-8.
- IN TYPICAL APARTMENT UNITS:
  - PROVIDE A MINIMUM 2 CIRCUITS TO SMALL APPLIANCE CIRCUITS PER CCC 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 TYPE CIRCUIT INTERRUPTER.
- GROUND RODS SHALL BE BURIED TO A MINIMUM OF 10' PER CCC 250-52(c)(3). GROUND ROD CLAMP SHALL BE APPROVED FOR USE PER CCC 250-70.
- ALL EXTERIOR CONDUIIT AND WIRING SHALL BE ROUTED ABOVE FLOOD LEVEL UNLESS NOT PRACTICAL. IF NOT PRACTICAL, THEN PROVIDE SUITABLE WIRING METHOD.

## LEGEND, CONT...

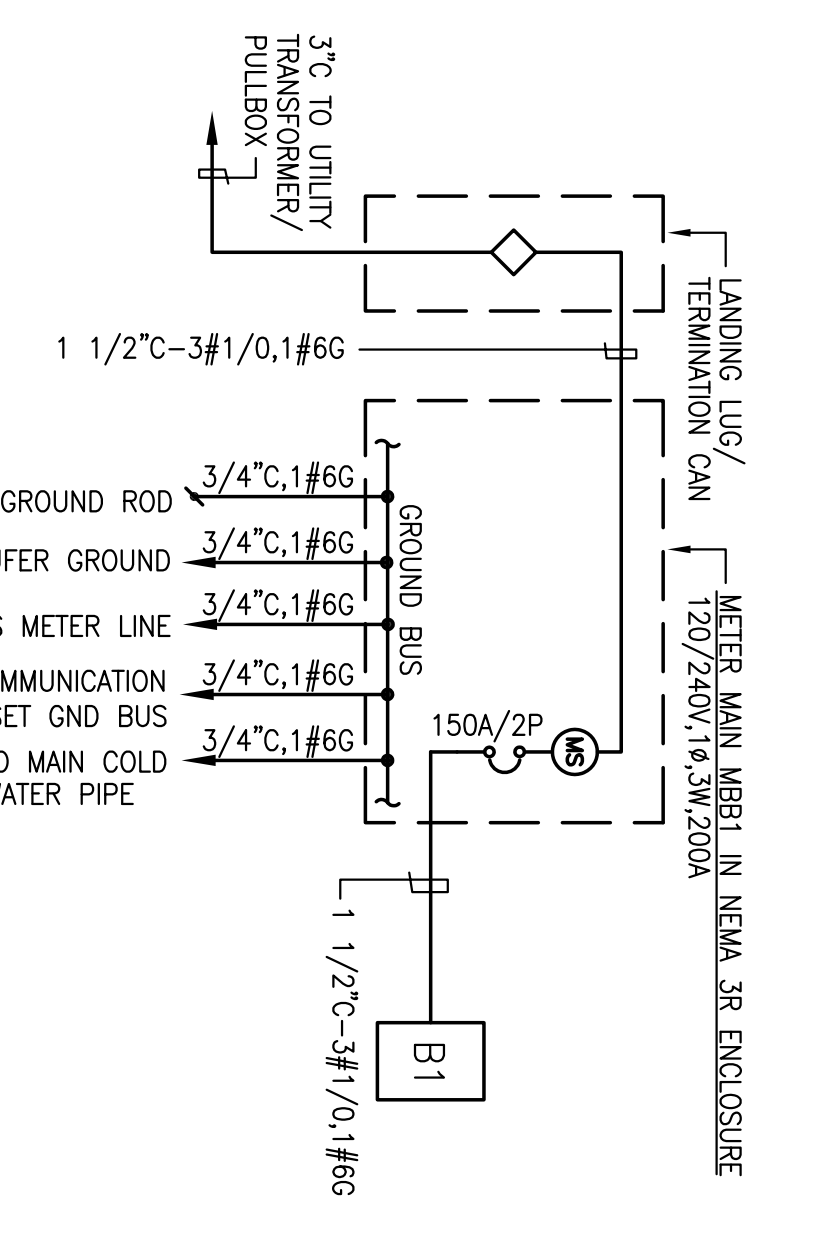
	CEILING MOUNTED OCCUPANCY SENSOR WITH POWER PACK(S) AS REQUIRED
	WALL MOUNTED DUAL LEVEL OCCUPANCY SENSOR
	JUNCTION BOX
	METER SOCKET
	CARD KEY READER
	DOOR RELEASE
	GROUND ROD - 3/4"x10'
	IONIZATION SMOKE DETECTOR, 120V, HARDWIRED WITH BATTERY AND CHARGER AND INTERCONNECTING TYPE, INTERCONNECT ALL DETECTORS 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 STROKE LIGHT WITH TRANSFORMER, CONTRACTOR SERIES AS MANUFACTURED BY LARI-40 INC. TEL. # (800) 535-8105
	TELEPHONE RINGER/STROKE LIGHT, +80' AFF. U.O.N. CONTRACTOR SERIES AS MANUFACTURED BY LARI-40 INC. TEL. # (800) 535-8105
	DOOR BELL PUSH BUTTON, +48" AFF. U.O.N. HARDWARE 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 - GROSS MARKS INDICATE NUMBER OF WIRES AND SIZE OTHER THAN 2-#12 PLUS GROUND WIRE. NO GROSS MARKS INDICATES 1/2-C-2#12 PLUS GROUND WIRE.
	INDICATES #8 CONDUITS IN CODE SIZE CONDUIT THROUGHOUT THE CIRCUIT
	SHEET NOTE IDENTIFICATION TAG
	FIXTURE IDENTIFICATION TAG - SEE FIXTURE SCHEDULE
	ABOVE FINISH FLOOR
	BELOW COUNTER TOP
	CONDUIT ONLY
	DISHWASHER
	GROUND FAULT INTERRUPTER
	LOAD CENTER
	MICROWAVE OVEN
	NOT TO SCALE
	TYPICAL
	UNLESS OTHERWISE NOTED
	WEATHERPROOF

## LEGEND

	SURFACE MOUNTED FLUORESCENT FIXTURES
	SURFACE MOUNTED FLUORESCENT FIXTURES
	SURFACE/PENDANT MOUNTED FLUORESCENT FIXTURE
	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.
	N-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 #6 AWG AND HOMERUN TO PANEL, OUTLET TO MATCH RANGE PLUG.
	RANGE HOOD OUTLET & CONNECTION TO APPLIANCE
	PREMIXED TELEPHONE OUTLET, MH +18" U.O.N. WITH 4 PAIR CAT 5E CAT5E SPECS
	PREMIXED TEL/DATA OUTLET, MH +18" U.O.N. WITH (2) 4 PAIR CAT 5E CABLE, SEE SPECS
	PREMIXED 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

NO.	DESCRIPTION
E:102	LEGEND, GENERAL NOTES, SINGLE LINE, SCHEDULES
E:202	FLOOR ELECTRICAL PLANS

### DRAWING LIST



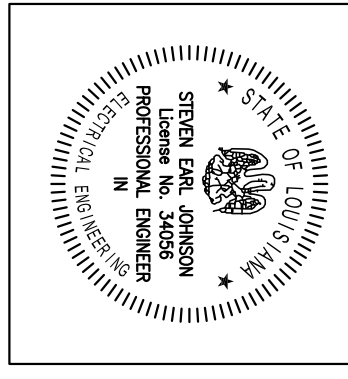
## SINGLE LINE DIAGRAM

SCALE: NONE

NOTE: COORDINATE WITH UTILITY FOR SIZE AND REQUIREMENTS OF TERMINATION CAN. COORDINATE WITH UTILITY FOR AVAILABLE SHORT CIRCUIT CURRENT AND PROVIDE METER MAIN AND PANEL RATED TO WITHSTAND SHORT CIRCUIT CURRENT.

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CONSTRUCTION  
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 DR  
CHECKED SJ

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PROJECT JOB NUMBER 08-138

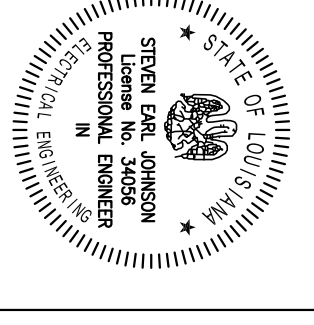
DRAWING TITLE  
B1 - LEGEND,  
GEN NOTES,  
SL SCHEDULES

SHEET NUMBER

Bhatia Associates, Inc.  
Consulting Electrical Engineers  
120 Montgomery St., San Francisco, CA 94104  
Tel: (415) 646-0050 Fax: (415) 644-005

E.102

PLOT DATE 9/26/2008 9:49AM



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**CONSTRUCTION  
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

If this drawing is not ARCH. D (36"X 48" X 24.00 inches) then it has been scaled to fit the drawing sheet size. Scale noted on drawing details is no longer applicable.

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CHECKED SJ

ELECTRONIC CAD FILENAME 09-138.E:202.DWG

PROJECT JOB NUMBER 08-138

DRAWING TITLE  
**B1 FLOOR  
ELECTRICAL  
PLANS**

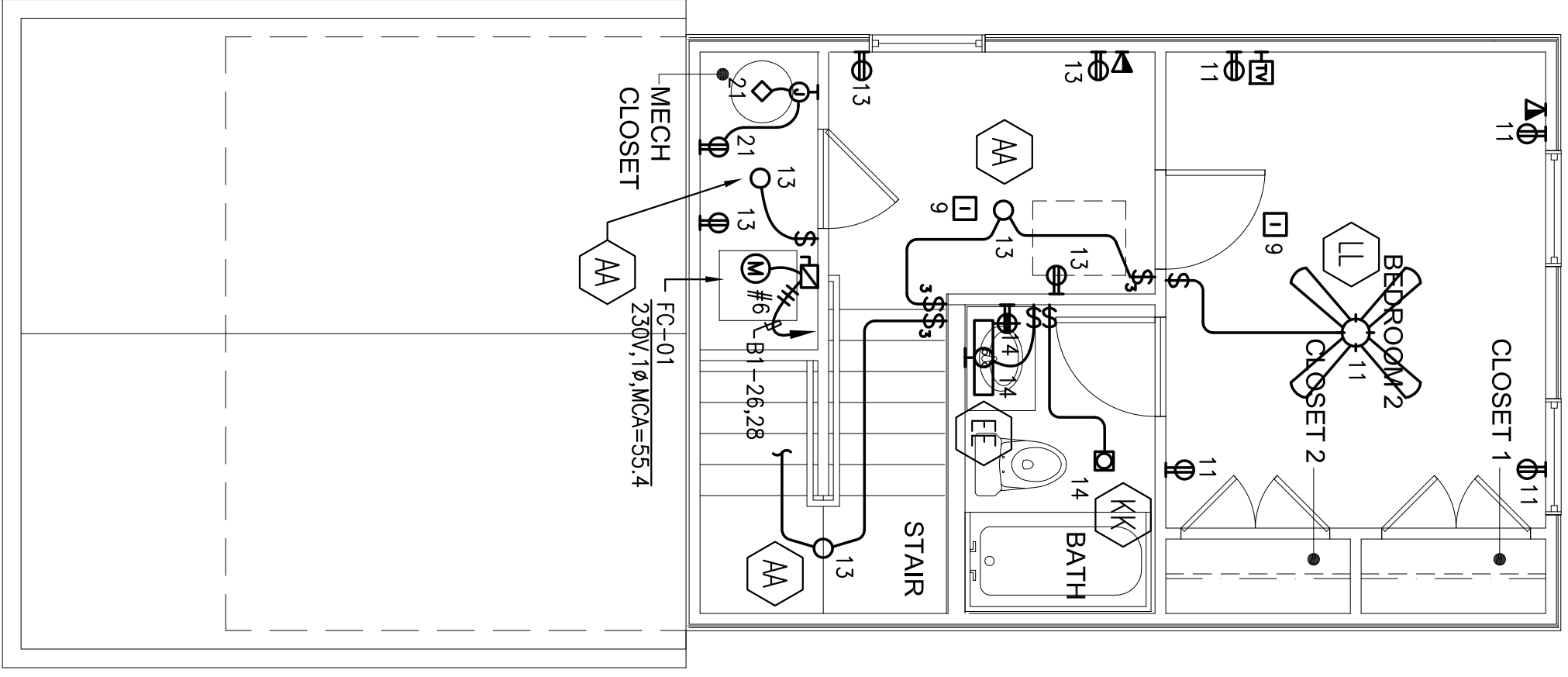
SHEET NUMBER

**E.202**

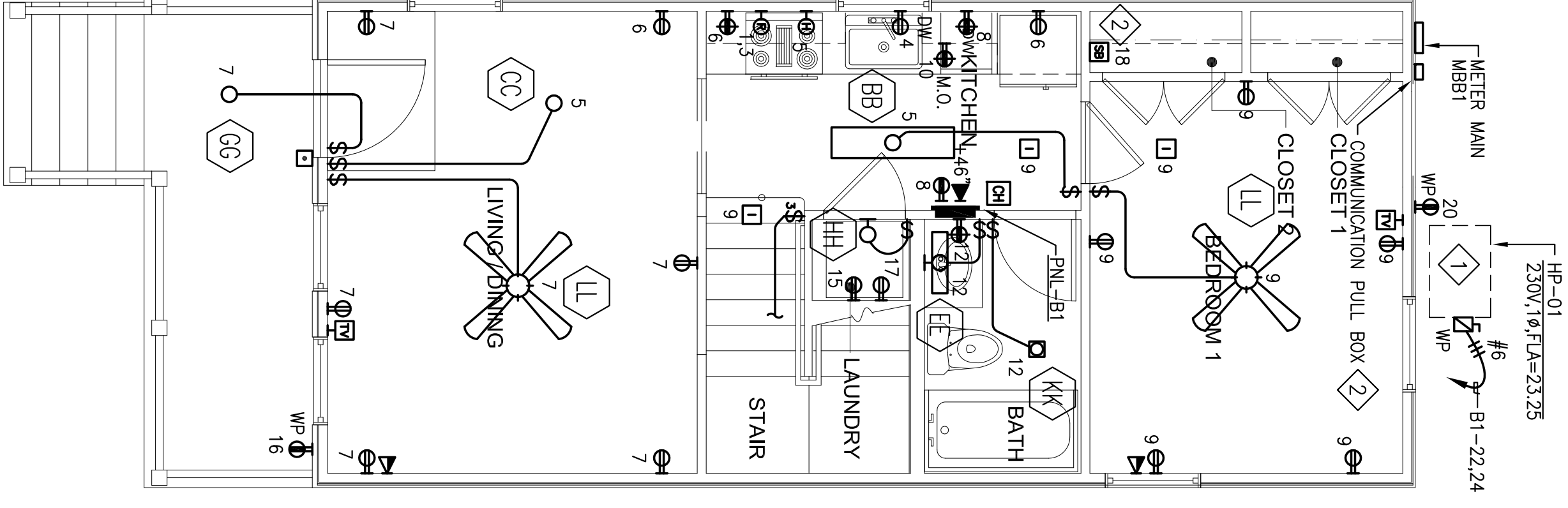
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**SHEET NOTES**

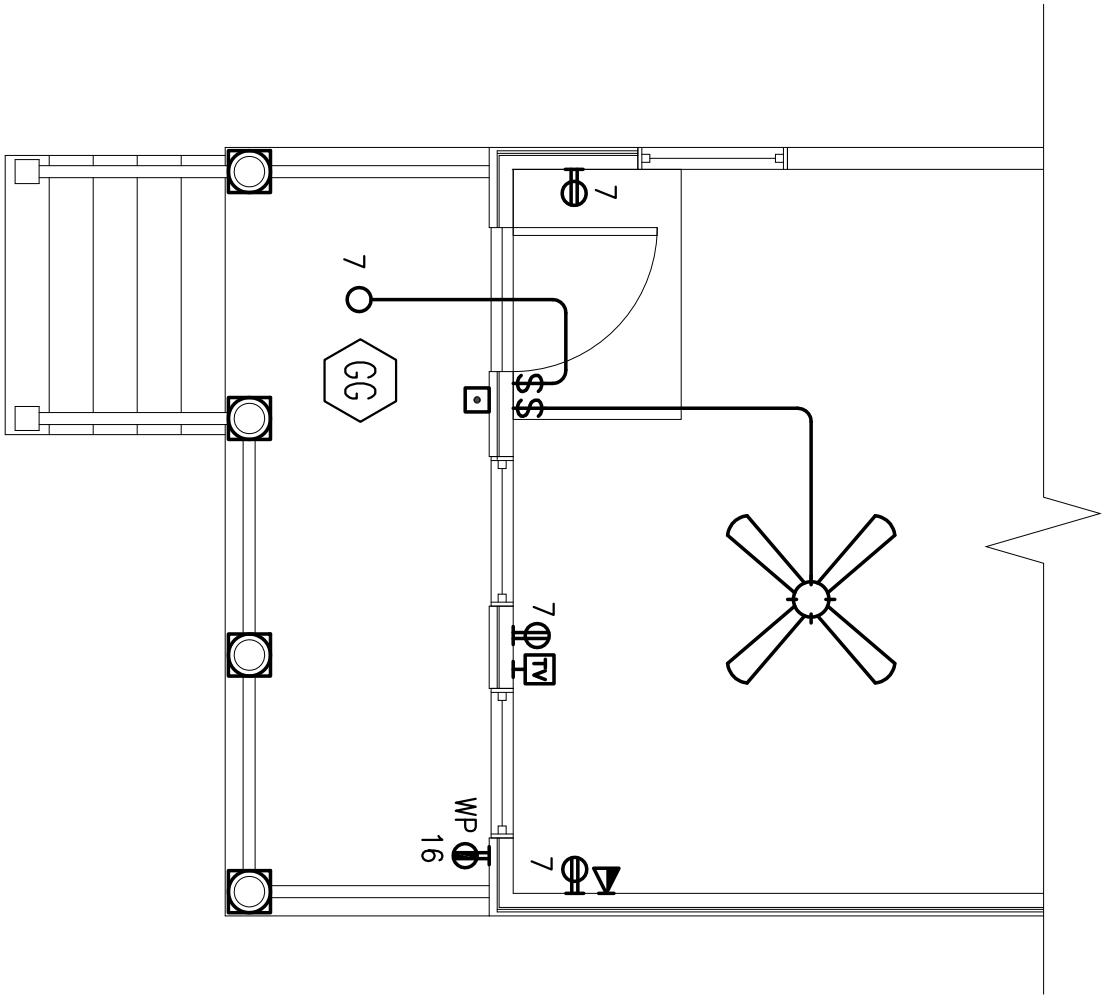
- 1. COORDINATE WITH MECHANICAL FOR LOCATION AND CONNECT TO APPROPRIATE UNIT.
- 2. SEE DETAIL E400-007 FOR CONDUITS AND CABLING REQUIREMENTS.



**2 B1 SECOND FLOOR ELECTRICAL PLAN**  
E:202 1/4" = 1'-0"



**1 B1 FIRST FLOOR ELECTRICAL PLAN**  
E:202 1/4" = 1'-0"



**3 B1 PARTIAL FIRST FLOOR ELECTRICAL PLAN OPT. 2**  
E:202 1/4" = 1'-0"

**LOAD CALCULATIONS**

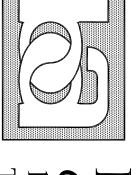
TYPE B1 (PER NEC 220.30)

AREA = 940 SF

LIG & POWER @ 3W/SF	=	2820 VA
KITCHEN APPLIANCE CKTS 2 @ 1500 VA	=	3000 VA
DISHWASHER	=	1200 VA
RANGE (ELECTRIC)	=	12000 VA
DRYER (GAS)	=	1000 VA
FANS & HOOD	=	900 VA
MICROWAVE	=	1200 VA
BLOWER	=	600 VA
WASHING MACHINE	=	1500 VA
SUBTOTAL	=	24220 VA

1ST 10 KVA @ 100%	=	10000 VA
REMAINDER (14220 VA @ 40%)	=	5688 VA
HP-01	=	5350 VA
FC-01	=	11400 VA
TOTAL	=	32448 VA

135 AMPS @ 120/240V,1ø



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