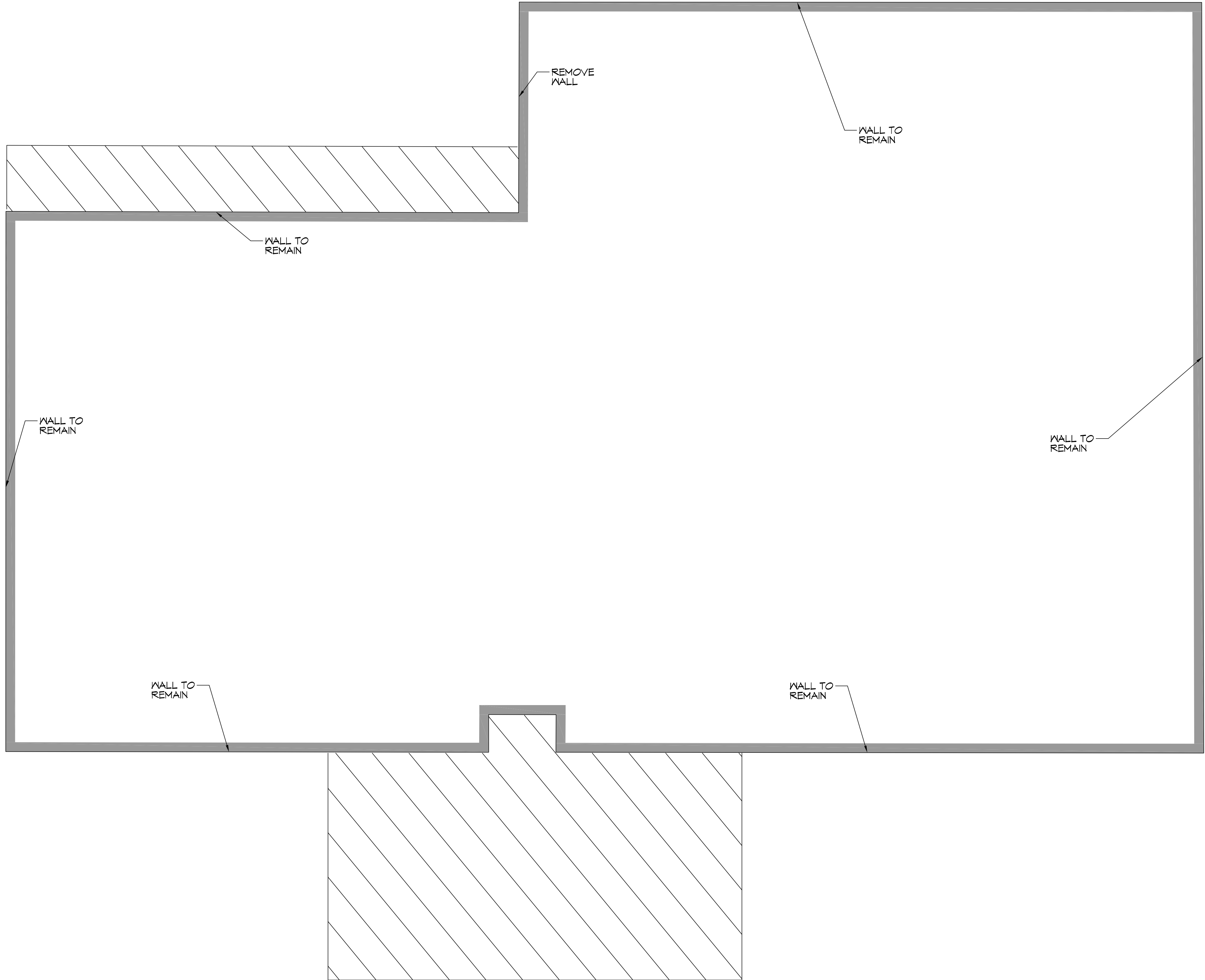


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DEMOLITION NOTES

1. EXISTING FIRE DAMAGED BUILDING HAS ALL SHEET ROCK REMOVED ALONG WITH ALL THE ELECTRICAL REMOVED.
2. REMOVE EXTERIOR WALLS AS NOTED ON PLANS.
3. REMOVE FIRE DAMAGED ROOF.
4. REMOVE FIRE DAMAGED INTERIOR WALLS.
5. EXISTING SITE PARKING PAVING AND FENCING TO REMAIN.

DAMMON
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#	DESCRIPTION	REVISIONS	DATE

SEAL:

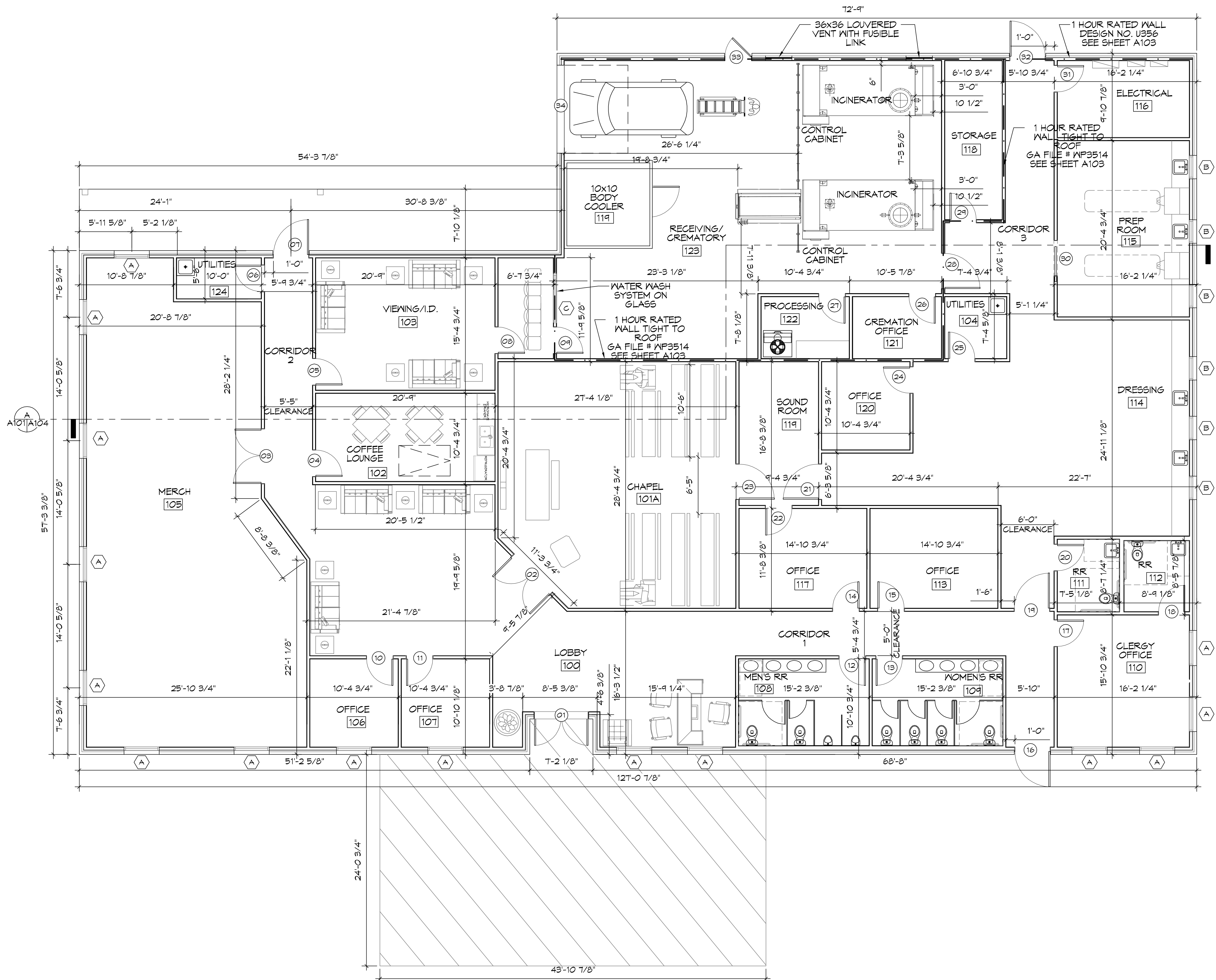
NEW FUNERAL HOME
BONER FAMILLY HOME
4800 DOWNMAN ROAD
NEW ORLEANS, LA
JOB No: 2516 | DATE: 10-19-2020
DRAWN BY: JAG/KM | CHECKED BY: CKD

SHEET TITLE:
DEMO FLOOR PLAN

DRAWING NUMBER:
S100
SHEET No: 5 of 21

 **DEMOLITION PLAN**
SCALE: 3/16"=1'-0"

FILE NAME: A:_Common\3208 - 3rd Annual Home Design\Current\3208A101 - Floor Plan.dwg PLOT DATE: 10/19/2020 PLOT TIME: 10:15:20 AM



10 FLOOR PLAN
 SCALE: 3/16"=1'-0"

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#	DESCRIPTION	DATE

SEAL: _____
 DATE: _____

NEW FUNERAL HOME
BONER FAMILLY
BONER FAMILLY
 4800 DOWNMAN ROAD
 NEW ORLEANS, LA
 JOB No: 2596 | DATE: 10-19-2020
 DRAWN BY: CKD | CHECKED BY: CKD

SHEET TITLE:
FLOOR PLAN
 DRAWING NUMBER:
A101
 SHEET No: 6 of 21

TABLE S107.7 - UPLIFT CONNECTIONS - 143 MPH WINDS EXP "C"
NFCM 2015 TABLE 9.2

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4"x20 GAGE STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	16	407	292	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	219	436	4

TABLE S107.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 143 MPH WIND EXP "C"
NFCM 2015 TABLE 9.2C

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)
UPLIFT LOADS	1 - 3 STORIES	8" END ZONES 25 INCHES ON CENTER 30 INCHES ON CENTER

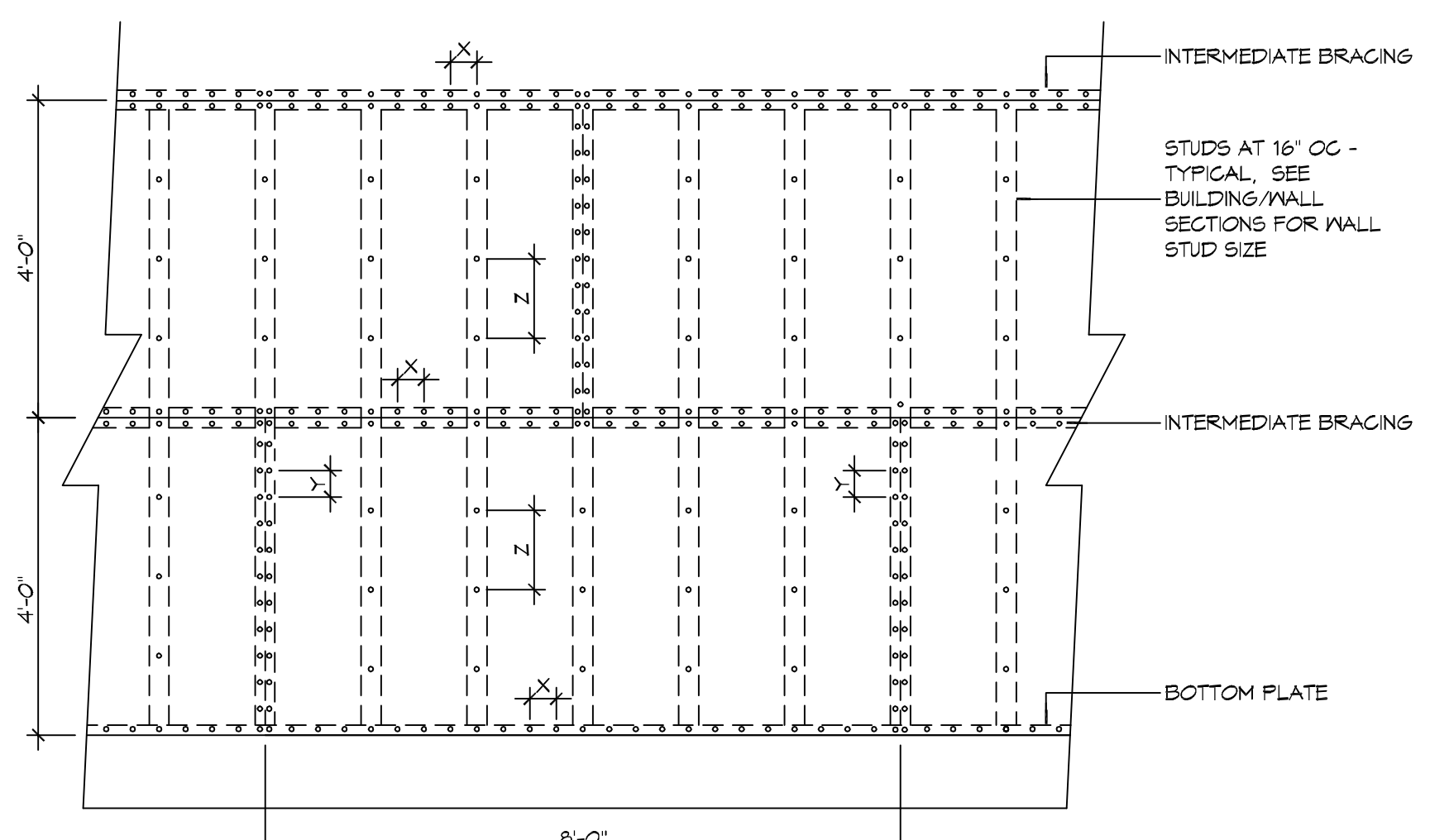
NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE

TABLE S107.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 143 MPH WIND EXP "C"
NFCM 2015 TABLE 9.2B

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)
UPLIFT LOADS	4 STORY	5/8" Ø ANCHOR BOLTS 48 INCHES ON CENTER W/3X3X1/4" WASHER

TABLE S107.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "C"
NFCM 2015 TABLE 9.23C

HEADER SPAN (FEET)	WALL SPACING (INCHES)		
	12" O.C.	16" O.C.	24" O.C.
2	1	1	1
4	2	2	1
6	3	3	2
8	4	3	2

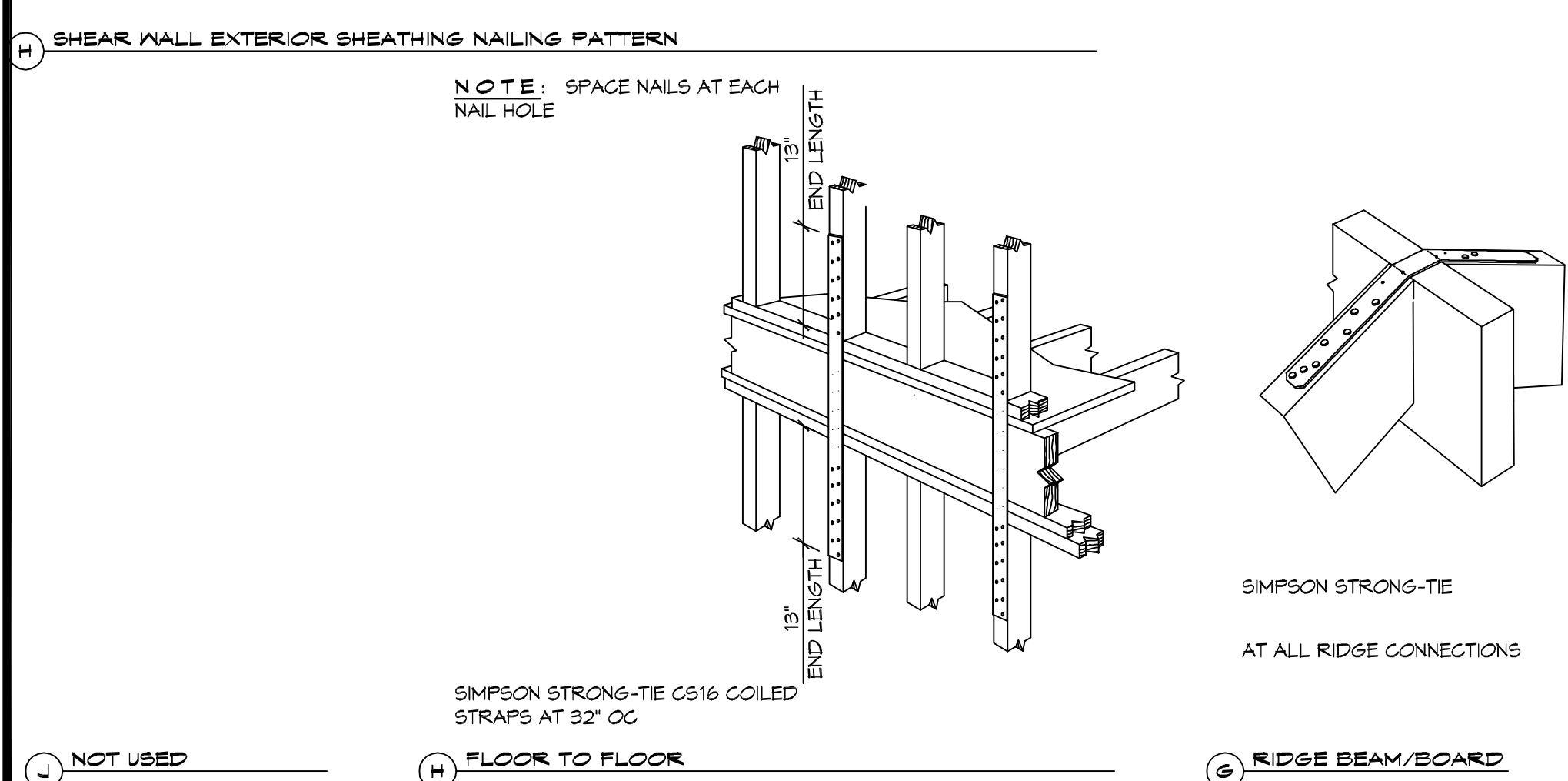


NAIL SPACING
X = 4" OC
Y = 4" OC
Z = 12" OC

X = PLATE EDGE NAIL SPACING
Y = LONG EDGE NAIL SPACING
Z = FIELD NAIL SPACING

INTERIOR SHEATHING
1/2" PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS @ 4" O.C. FASTENING @ PANEL EDGES @ 12" O.C. FASTENING @ INTERMEDIATE MEMBERS.

EXTERIOR SHEATHING
5/8" DENSGLASS SHEATHING EXTERIOR FACE STAGGERED 48" O.C. FASTENING @ PANEL EDGES @ 10x1" TEK SCREWS @ 12" O.C. FASTENING @ INTERMEDIATE MEMBERS



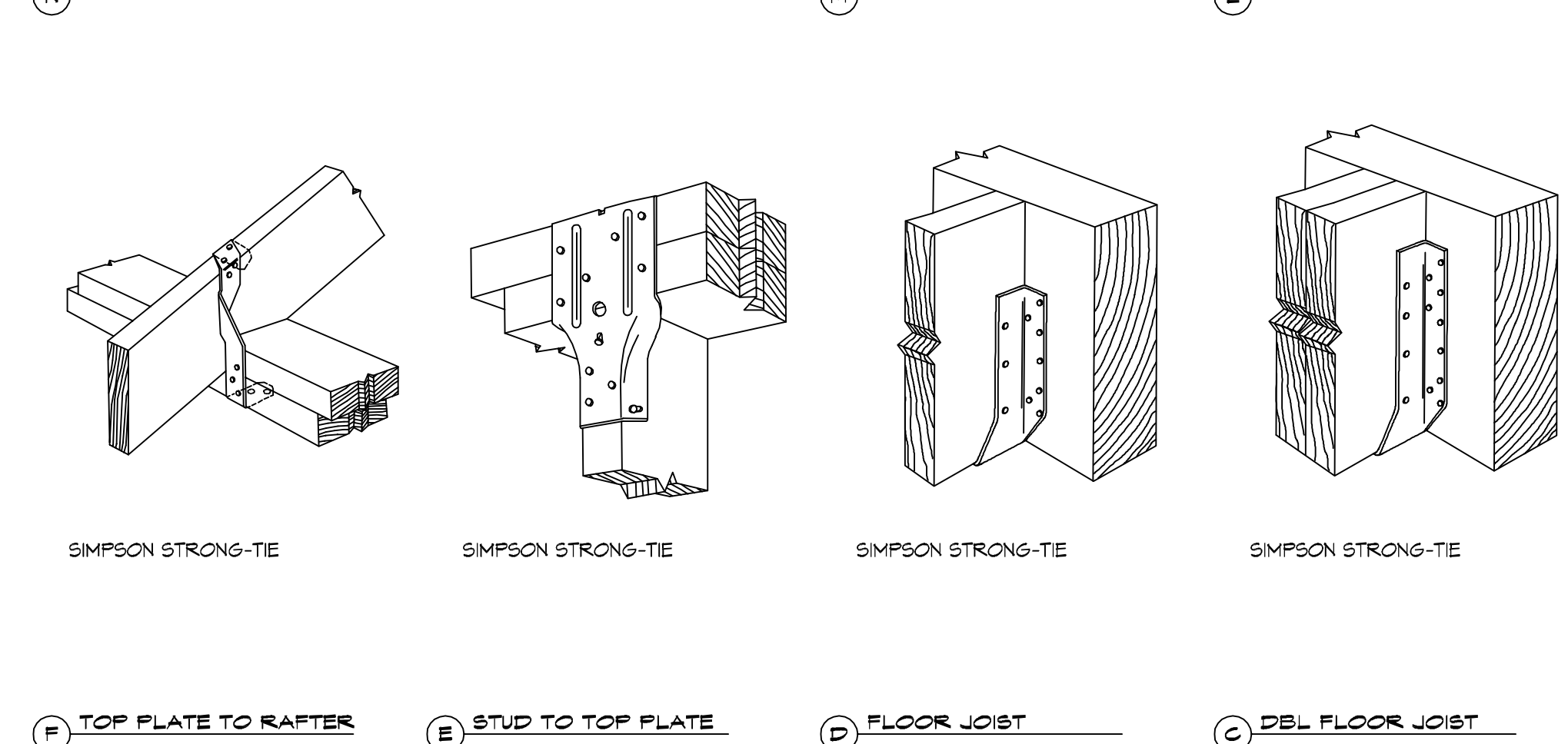
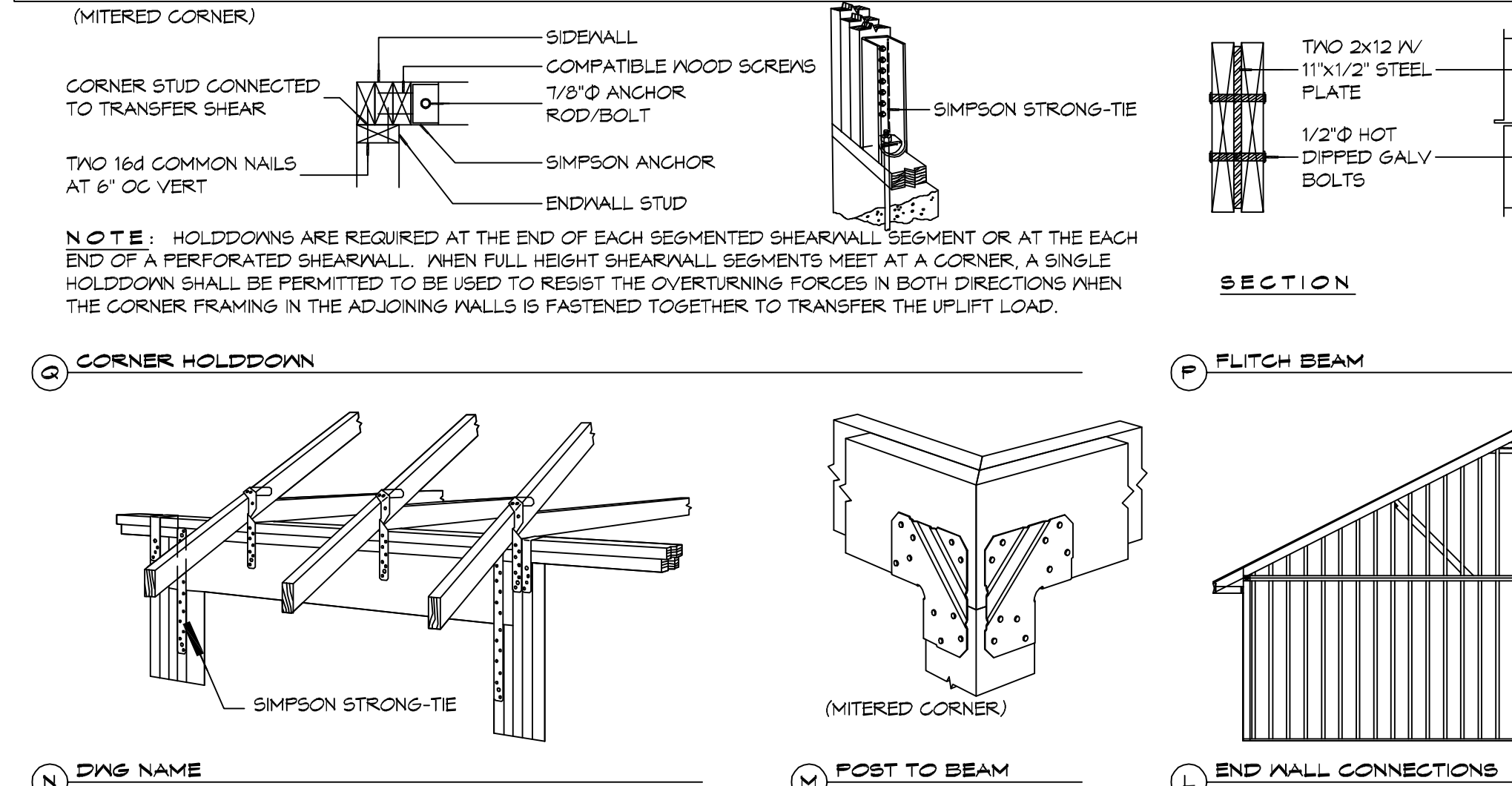
TYPICAL CONNECTION DETAILS
SCALE: NTS

TABLE S107.5 - JACK STUD REQ - INT LOADBEARING WALLS
NFCM 2015 TABLE 9.22F

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)											
		12 FEET				24 FEET				36 FEET			
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"	3"	4.5"	5"	6"
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	2	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	3	2	2	2
	12	1	1	1	1	2	2	2	1	3	2	2	2
	14	2	1	1	1	3	2	2	2	4	3	3	2
	16	2	2	1	1	3	2	2	2	4	3	3	2
	2	1	1	1	1	1	1	1	1	2	1	1	1
	4	1	1	1	1	2	1	1	1	3	2	2	2
	6	2	1	1	1	3	2	2	2	4	3	2	2
	8	2	2	1	1	3	2	2	2	5	3	3	3
	10	2	2	2	1	4	3	3	2	6	4	4	3
	12	3	2	2	2	5	3	3	3	7	5	4	4
	14	3	2	2	2	6	4	4	3	8	5	5	4
	16	4	3	2	2	6	4	4	3	9	6	6	5

TABLE S107.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS
NFCM 2015 TABLE 9.22F

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF LIVE LOAD 20 PSF				ROOF LIVE LOAD 30 PSF			
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"
		NUMBER OF JACK STUDS REQUIRED							
ROOF AND CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1
	8	2	2	2	1	2	2	2	1
	10	3	2	2	2	3	2	2	2
	12	3	2	2	2	3	2	2	2
	14	4	3	2	2	4	3	2	2
	16	4	3	3	2	4	3	3	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1
	6	2	2	2	1	3	2	2	2
	8	3	2	2	2	3	2	2	2
	10	4	3	2	2	4	3	3	2
	12	4	3	3	2	5	3	3	3
	14	5	4	3	3	5	4	3	3
	16	6	4	4	3	6	4	4	3



TYPICAL CONNECTION DETAILS
SCALE: NTS

TABLE S107.3 - NAILING SCHEDULE
NFCM 2015 TABLE 3.1

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADER TO HEADER (FACE NAILED)	16d	16d	16" OC EDGES

TABLE S107.4 - BUILDING ENVELOPE REQUIREMENTS

OPAQUE ELEMENTS	ASSEMBLY MAXIMUM	INSULATION MIN. R-VALUE
ROOFS		
INSULATION ENTIRELY ABOVE DECK	U-0.048	R-20.0 C.I.
METAL BUILDING	U-0.065	R-19
ATTIC AND OTHER	U-0.027	R-38
MASS	U-0.151	R-5.7 C.I.
WALLS, ABOVE GRADE		
METAL BUILDING	U-0.113	R-13.0
STEEL-FRAMED	U-0.124	R-13.0
WOOD-FRAMED AND OTHER	U-0.084	R-13.0
FLOORS		
MASS	U-0.107	R6-3 C.I.
STEEL JOIST	U-0.052	R-19.0
WOOD FRAMED AND OTHER	U-0.051	R-19.0
SLAB-ON-GRADE		
UN-HEATED	F-0.130	NR
OPAQUE DOORS		
SWINGING	U-0.100	NR
NON-SWINGING	U-1.450	NR

ROOF UNDERLAYMENT NOTES

- FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:
 - APPLY A 14 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE.
 - STARTING AT THE EAVE, APPLY 36 INCH WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 14 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.
- FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:
 - UNDERLAYMENT SHALL BE APPLIED SINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

ROOF APPLICATION & FASTENING NOTES

- INSTALL ROOF PER MANUFACTURERS RECOMMENDATIONS FOR 130MPH WIND SPEED.

GENERAL UPLIFT CONNECTION NOTES

ROOF ASSEMBLY TO WALL ASSEMBLY:
UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS.

WALL ASSEMBLY TO WALL ASSEMBLY:
STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS.

WALL ASSEMBLY TO FOUNDATION:
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 1 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE, 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM G185 OR Z450 GALV. STL.

TABLE S107.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	E		F	
		MAX. NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)			
INTERIOR ZONE	12" OC	6	12		
	16" OC	6	12		
	24" OC	6	6		
PERIMETER EDGE ZONE	12" OC	6	6		
	16" OC	4	4		
	24" OC	3	3		

130 MPH WIND - EXPOSURE "C" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

REVISIONS

#	DESCRIPTION	DATE

SCALE:

NEA FURNAL HOME

BOYER FAMILIOME

BOYER FAMILIOME

4800 DOWNMAN ROAD
NEW ORLEANS, LA

JOB No: 2896 DATE: 10-15-2020
DRAWN BY: DD/KJK CHECKED BY: BAK

SHEET TITLE:
TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES

DRAWING NUMBER:

A105

SHEET No: 10 of # 21

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

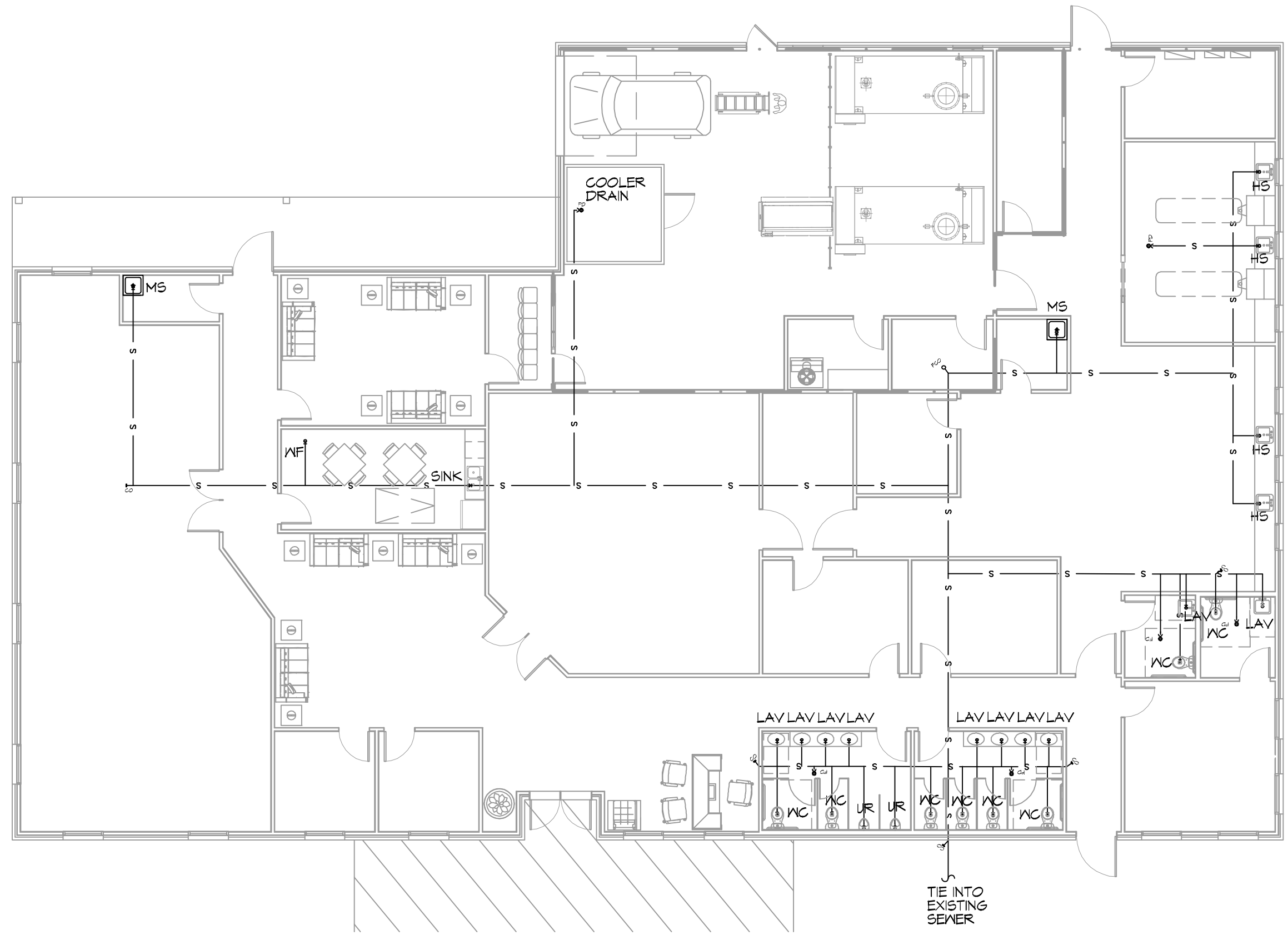
Chief Engineer: Brian Mutsch, PE
554 Old Spanish Trail
Slidell, LA 70498
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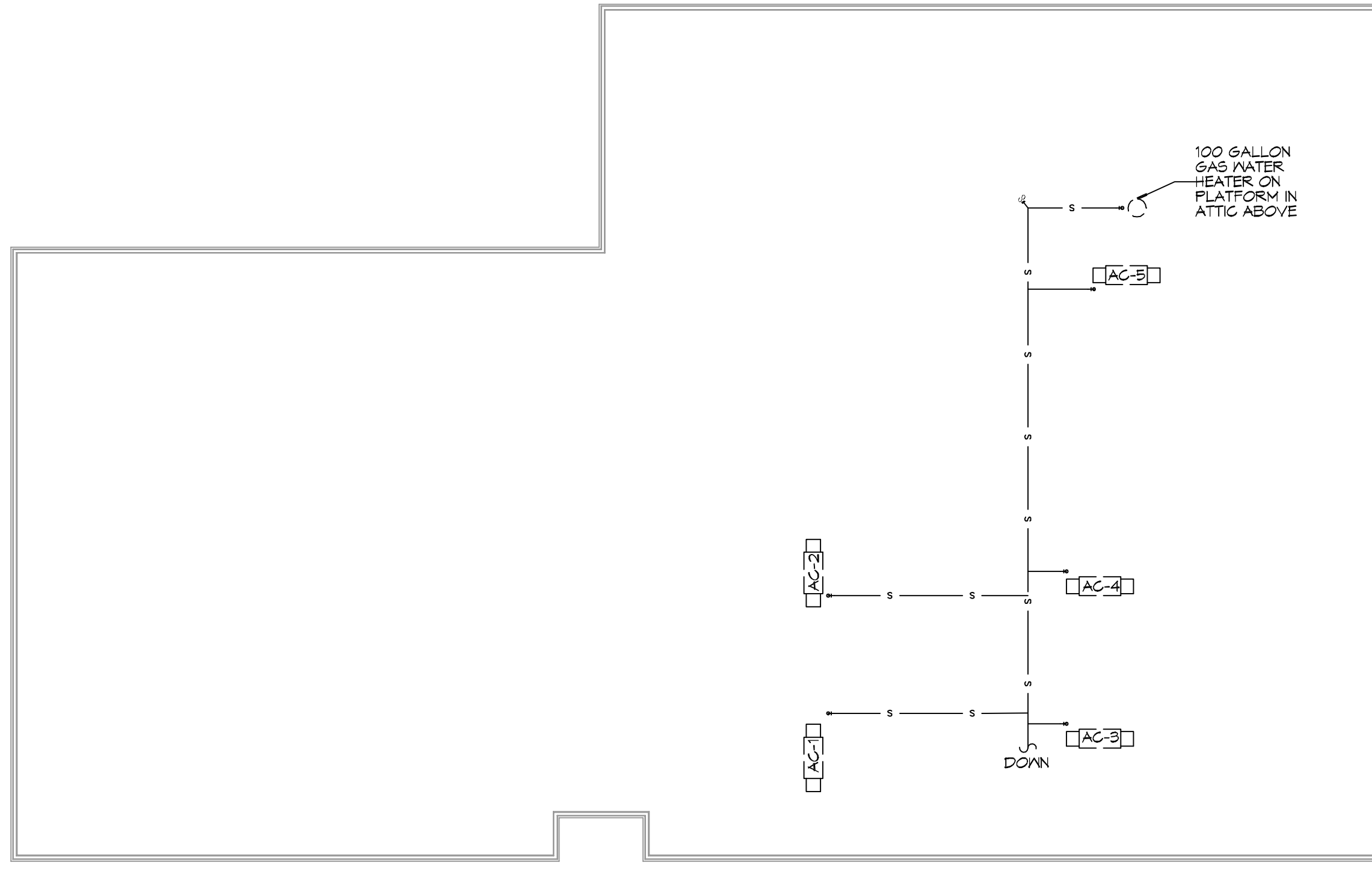
LEGEND	
SYMBOL	DESCRIPTION
—S—S—	SANITARY SEWER
—V—V—	VENT PIPE
—>FD	FLOOR DRAIN
— CO	LINE CLEAN OUT
— MCO	WALL CLEAN OUT

GENERAL PLUMBING NOTES

- SEE VENDOR DRAWINGS.
- PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
- PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
- ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES. MUST MEET LA STATE PLUMBING CODE 2019 REQUIREMENTS.
- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
- CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
- SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
- TEST ALL PIPING AT REQUIRED PRESSURE.
- ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
- ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
- DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
- DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE L, HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
- SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE HEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWN PIPES AND FITTINGS WHERE PERMITTED BY CODE.
- ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
- SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
- ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.



18 PLUMBING PLAN 1ST FLOOR
SCALE: 3/32" = 1'-0"



19 PLUMBING PLAN 2ND FLOOR
SCALE: 3/32" = 1'-0"

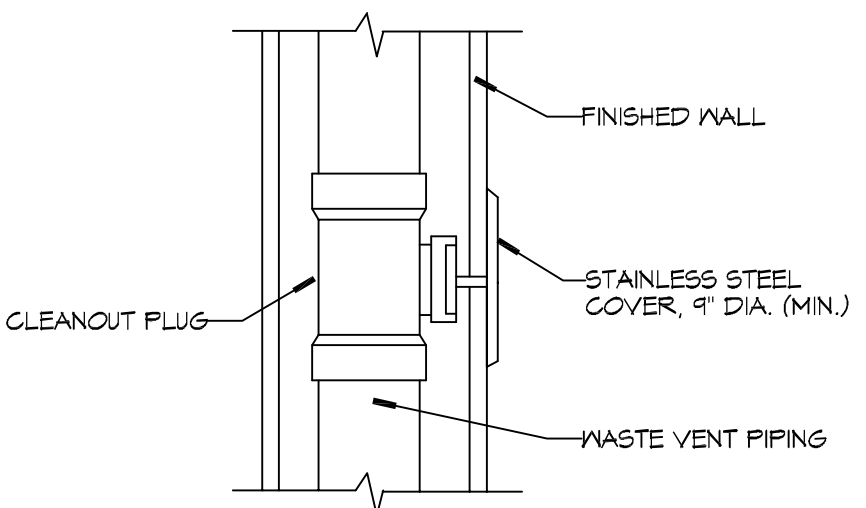
PLUMBING ABBREVIATIONS

MCO	WALL CLEAN OUT	EY	EMERGENCY EYE WASH STATION
FCO	FLOOR CLEAN OUT	FD	FLOOR DRAIN
CO	CLEAN OUT	UR	URINAL
VTR	VENT THROUGH ROOF	EDF	ELECTRIC DRINKING FOUNTAIN
TD	TROUGH DRAIN	DFF	DOWN TO FIRST FLOOR
WC	WATER CLOSET	RTU	ROOF TOP UNIT
LV	LAVATORY IN COUNTER	TRP	TO ROOF PIT
LVH	LAVATORY IN COUNTER - ACCESSIBLE	DFF	DOWN TO FIRST FLOOR
SINK	SINK DESIGNATION - SEE FIXTURE SCHEDULE	FRP	FROM ROOF PIT
		WF	WATER FOUNTAIN

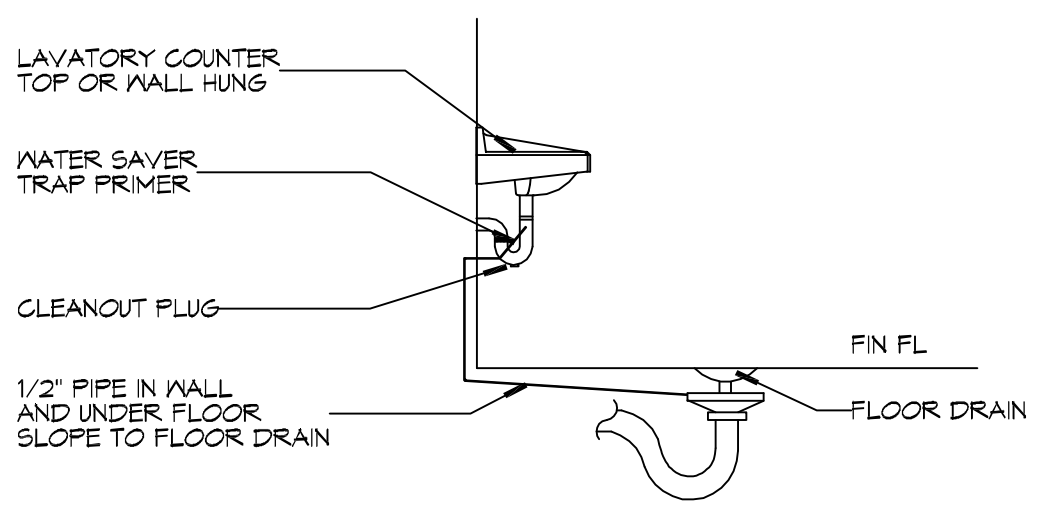
DAMMON ENGINEERING, INC.
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 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.949.2882
 Chief Engineer: Brian Mestich, PE
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 Slidell, LA 70688

#	DESCRIPTION	DATE

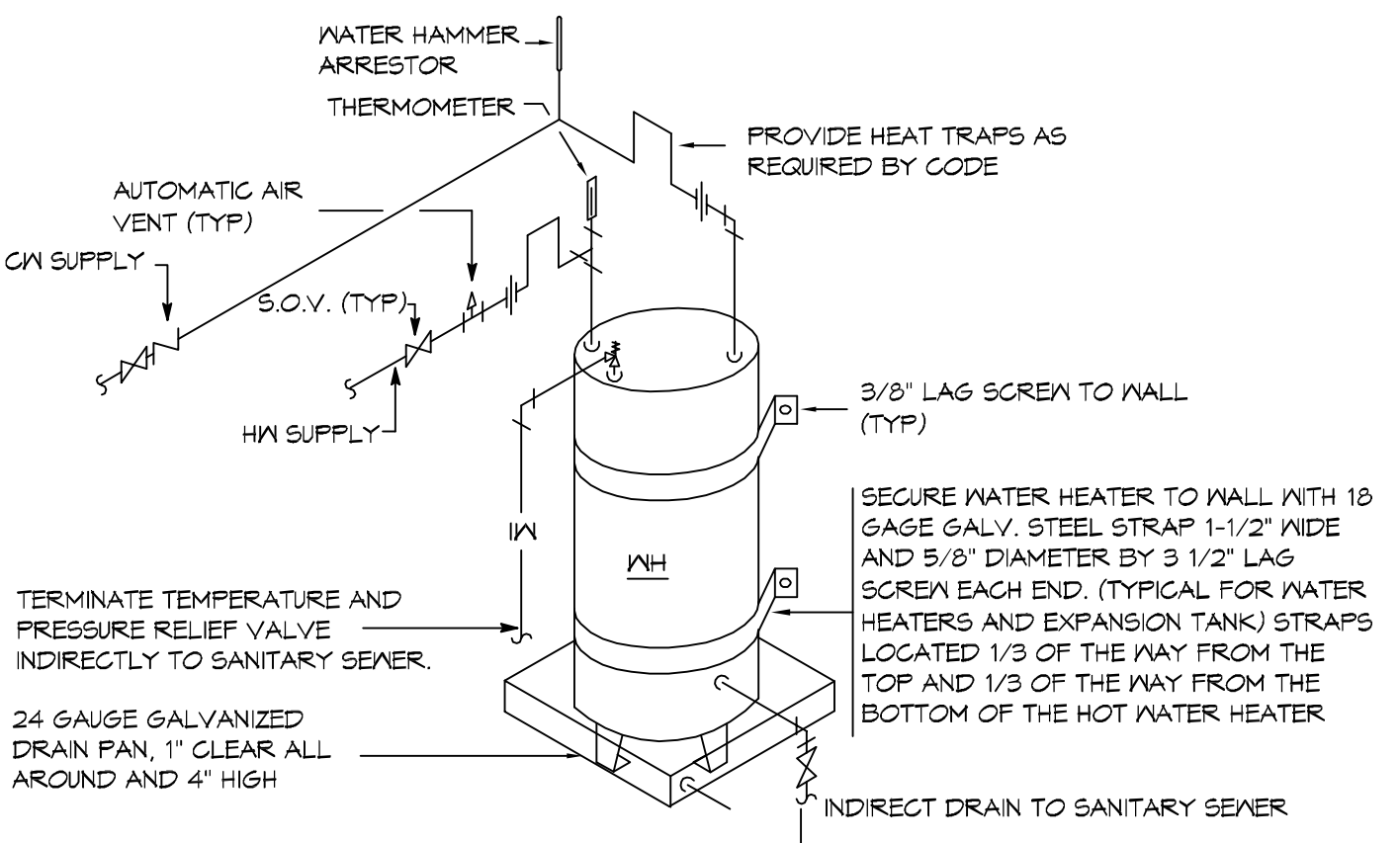
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DETAIL
SCALE: N.T.S. WALL CLEAN OUT

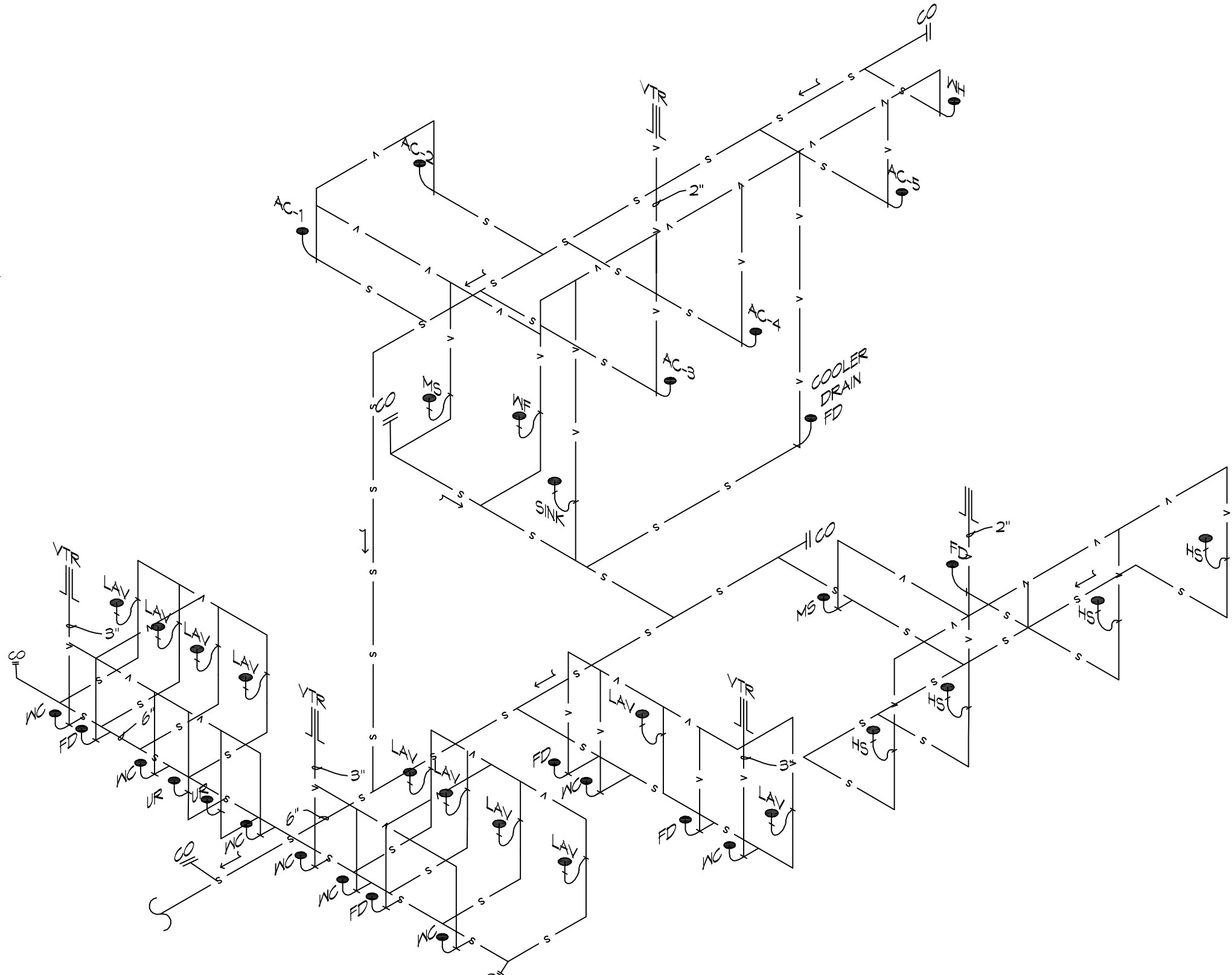


DETAIL
SCALE: N.T.S. FLOOR DRAIN



DETAIL
SCALE: N.T.S. WATER HEATER

- NOTES:**
- A WATERTIGHT PAN WITH 1" DRAIN SHALL BE PROVIDED UNDER WATER HEATER. DRAIN DIRECTLY OUTSIDE.
 - WATER HEATER TEMPERATURE TO BE SET AT 140° F. PROVIDE TEMPERING VALVE (SET @ 110° F) FOR ALL HAND SINKS.



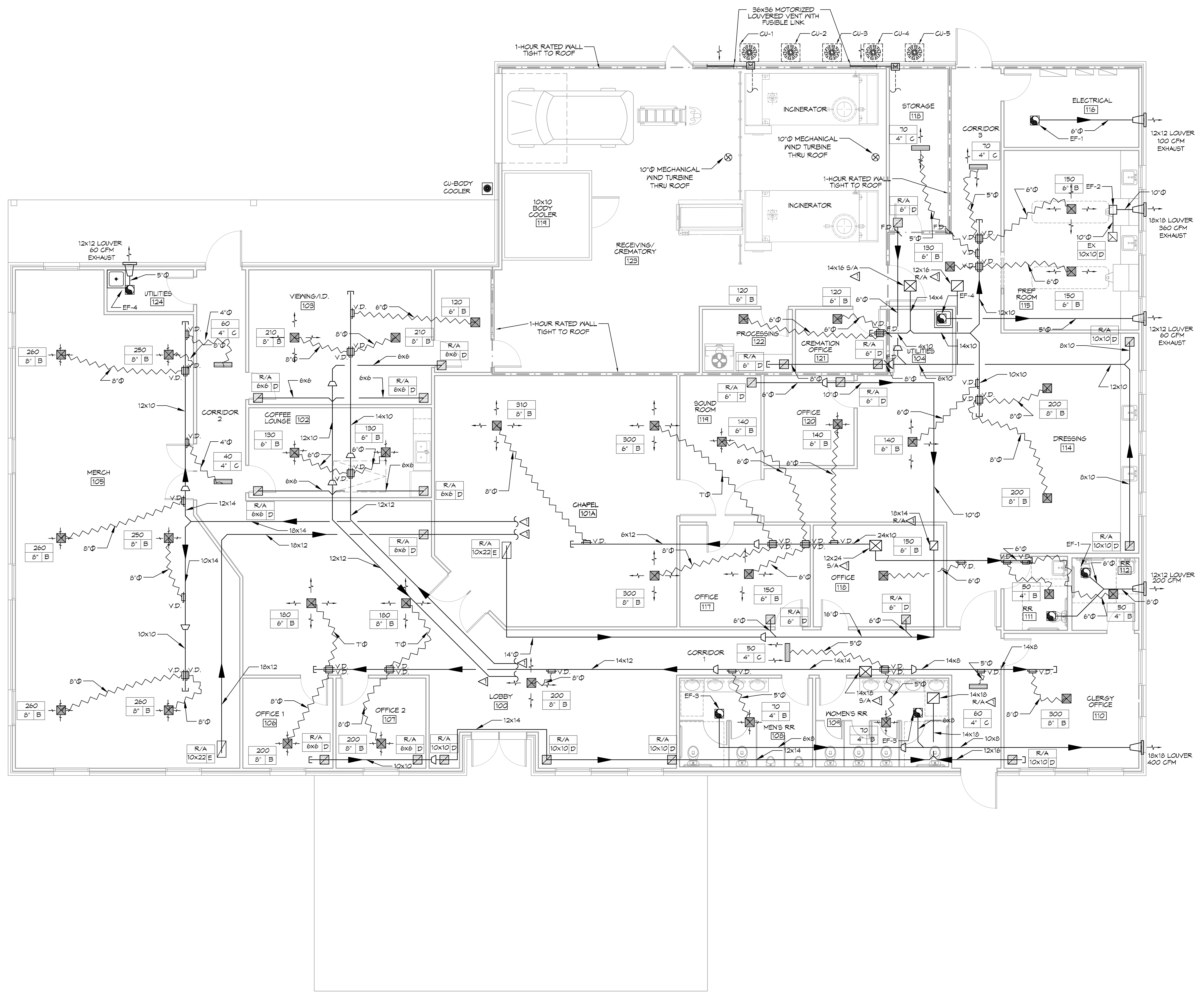
20 PLUMBING RISER
SCALE: N.T.S.

NEW FUNERAL HOME
BOYD FAMILY FUNERAL HOME
 4800 DOWNMAN ROAD
 NEW ORLEANS, LA
 JOB No: 25146 DATE: 10-19-2020
 DRAWN BY: GSPD CHECKED BY: GSPD

SHEET TITLE:
PLUMBING PLAN AND PLUMBING RISER DIAGRAM

DRAWING NUMBER:
P101

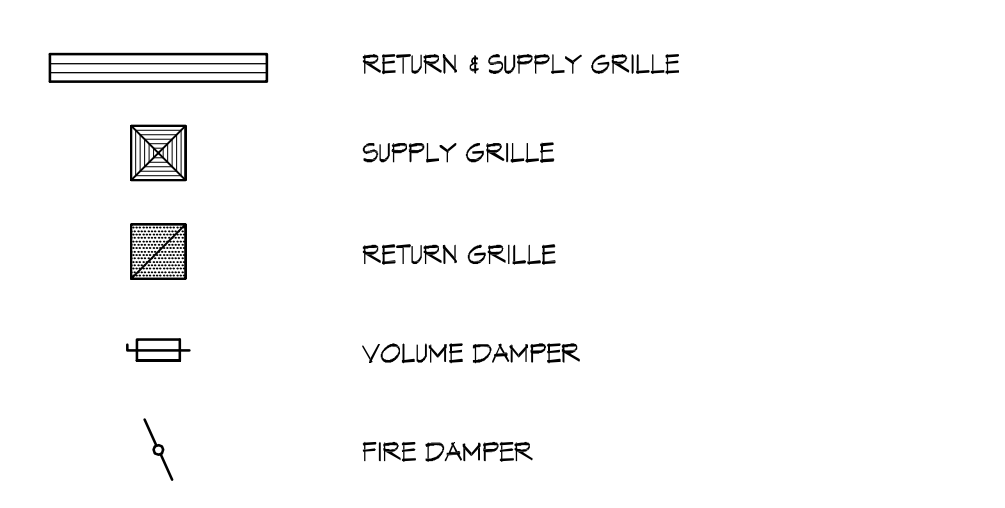
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 PLOT SCALE: 3/16"=1'-0"
 PLOT SHEET: 14 of 21



MECHANICAL HVAC NOTES

- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
- EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 12E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- PROVIDE UL LISTED 125°F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
- PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE-RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES AND EXHAUST FANS.
- CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
- ALL RESTROOM EXHAUST FAN(S) SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
- PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
- FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CALKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E8-14).
- ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
- FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0".
- REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
- FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
- PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AHJ'S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR, IF REQUIRED.
- FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
- PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
- CONTRACTOR SHALL PROVIDE A MEANS FOR ATTIC VENTILATION FOR THE MOVEMENT OF AIR ABOVE DROP CEILING(S) EITHER BY MECHANICAL VENTS OR POWER VENTS.

LEGEND



NOTES

- REFERENCE ATTIC PLAN FOR CONTINUATION

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

#	DESCRIPTION	DATE

SEAL:

Brian A. Mitchell
 License No. 30187
 PROFESSIONAL ENGINEER
 STATE OF LOUISIANA

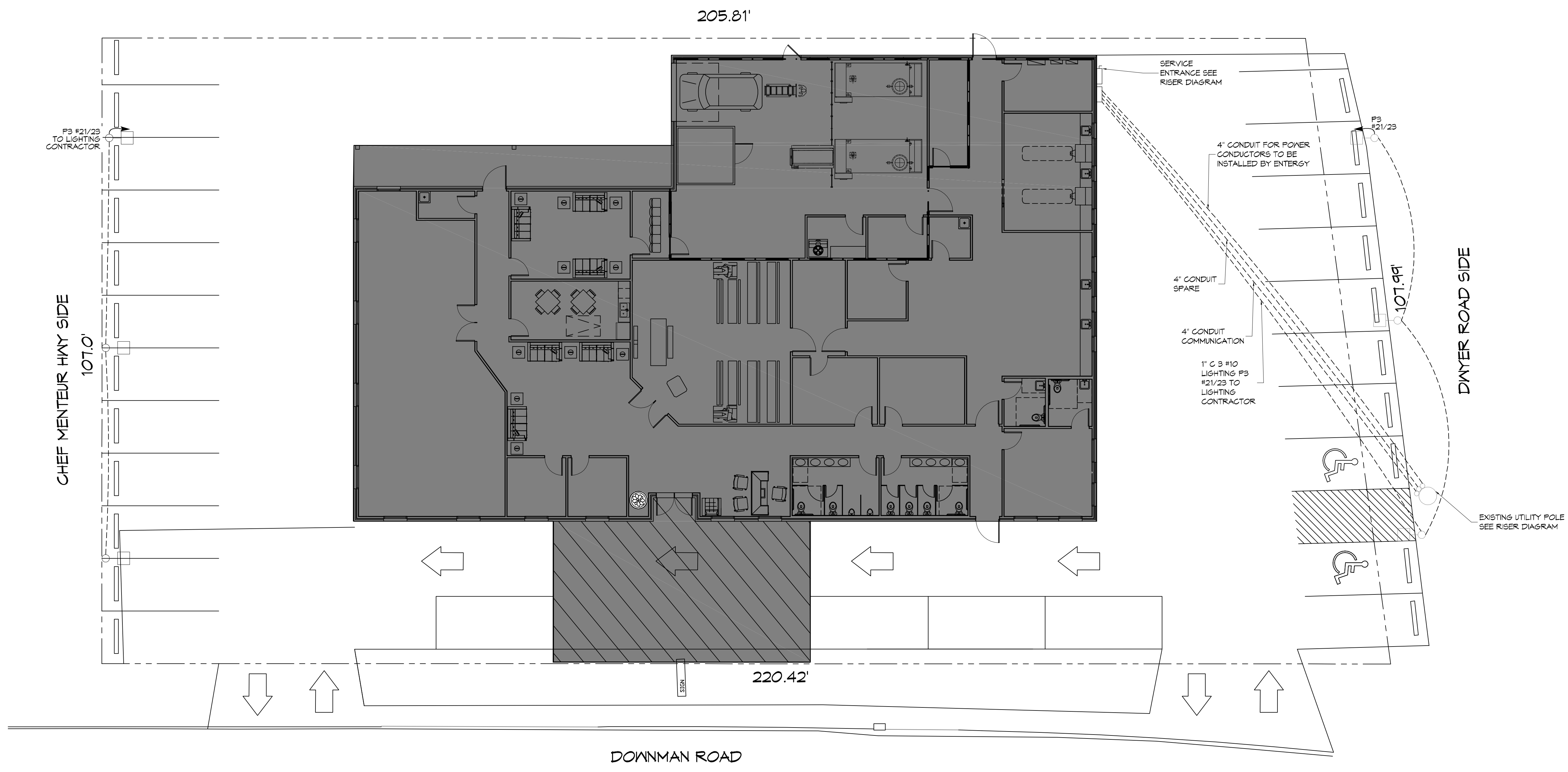
NEW FUNERAL HOME
BONER FALHOME
 4800 DOWNMAN ROAD
 NEW ORLEANS, LA
 JOB No: 2916 DATE: 10-19-2020
 DRAWN BY: RLD CHECKED BY: GKD

FILE NAME: A:\Comm\2309 - Bay 2 - Comm\2309\2309 - Site Electrical\2309 - Site Electrical.dwg
 PLOT DATE: 8/26/2020 10:58:14 AM
 PLOT SCALE: 1"=10'-0"
 PLOT BY: JAG/ML

- FIXTURES:**
-  12' POLE WITH LED LIGHT, 4000K, NEMA TYPE 4 BEAM EATON PREVAIL #PRV-A60-D-UNV-T4-B7-, 18900 LUMENS, 163W
 -  REFURBISH EXISTING LIGHT POLE WITH LED LIGHT

SITE LIGHTING

EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE BE CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.



23 SITE ELECTRICAL PLAN
 SCALE: 1" = 10'-0"

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#	DESCRIPTION	REVISIONS	DATE

SEAL:



NEW FUNERAL HOME
BOYER FAMILY FUNERAL HOME
 4900 DOWNMAN ROAD
 NEW ORLEANS, LA

JOB No: 23096 DATE: 10-19-2020
 DRAWN BY: JAG/ML CHECKED BY: CAG

SHEET TITLE:
 SITE ELECTRICAL PLAN

DRAWING NUMBER:
E100

SHEET No: 16 of # 21

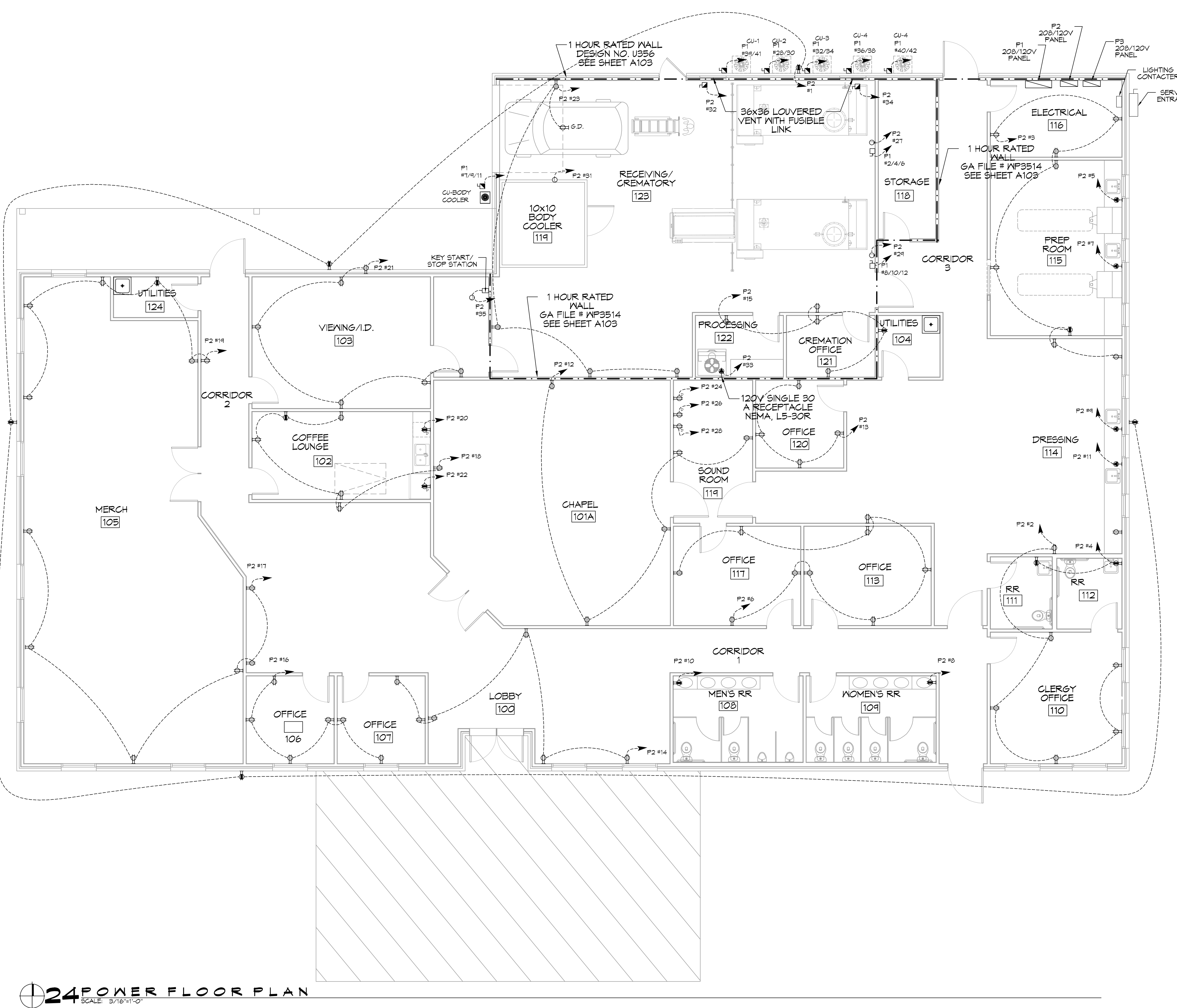
GENERAL ELECTRIC POWER NOTES

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK, AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS, FOR CONDUITS BELOW GRADE. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION. USE NMC IN WOOD CONSTRUCTION. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE DROPPED CEILING. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
- ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL BE IN A METAL RACEWAY SYSTEM OR MEDICAL GRADE MC CABLE (NEC ART. 517.13(A)).
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
- INSTALL SPECIAL PROTECTIVE RECEPTACLE COVERS IN ALL WAITING AREAS OCCUPIED BY CHILDREN 6 YEARS OF AGE AND UNDER.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 10:250-63, NFPA 250-23, 250-11 & 250-12.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 10:250-23b.
- FUSES SHALL BE 1TT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
- VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
- ALL RECEPTACLES AND SWITCHES ARE TO HAVE WEATHER PROOF COVERS IN APPROPRIATE BAY. 50% OF ALL EXTERIOR WEATHER PROOF COVERS SHALL BE IN-USE COVERS.
- LIGHT FIXTURE AND/OR RECEPTACLE, LOCATED IN ATTIC.

POWER LEGEND

SYMB	DESCRIPTION
	STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 15' AFF (UNLESS OTHERWISE NOTED)
	SINGLE-POLE DEDICATED RECEPTACLE - REFER TO PANEL SCHEDULE FOR CIRCUIT SIZE
	GFCI DUPLEX RECEPTACLE
	GFCI QUAD RECEPTACLE
	220V ELECTRIC DRYER RECEPTACLE - MOUNTED AT 30" AFF
	220V DEDICATED GFCI RECEPTACLE
	WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
	STANDARD 120V DUPLEX RECEPTACLE - FLOOR MOUNTED
	STANDARD QUAD RECEPTACLE - WALL MOUNTED
	STANDARD QUAD RECEPTACLE - FLOOR MOUNTED
	125V 15 AMP DUPLEX-USB BYDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
	125V 15 AMP QUADPLEX-USB BYDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
	JUNCTION BOX
	GENERATOR BATTERY CHARGER
	2-BUTTON PUSH BUTTON STATION
	COAX-CABLE CONNECTION FOR TELEVISION
	WALL MOUNTED DATA OUTLET
	FLOOR DATA OUTLET
	POWER DISCONNECT
	WATER HEATER ON DECK OR MEZZANINE ABOVE - SIZE AS NOTED ON PLAN
	AIR CONDITIONING AIR HANDLING UNIT ON DECK OR MEZZANINE ABOVE, SEE MECHANICAL DRAWINGS
	AIR CONDITIONING CONDENSER UNIT ON CONCRETE PAD, SEE MECHANICAL DRAWINGS

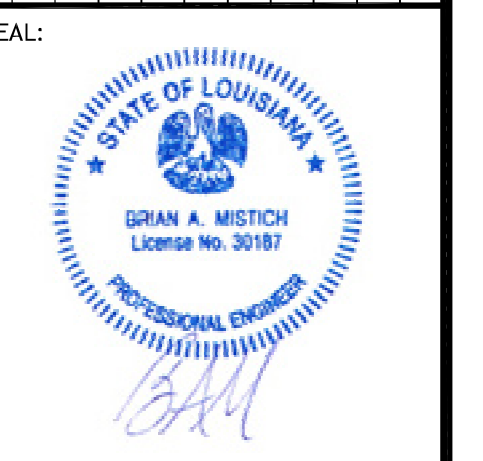
NOTES:
 1. CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.
 2. THE #2 NEXT TO A RECEPTACLE OR DATA OUTLET DESIGNATES THAT THERE ARE TO BE TWO OUTLETS AT THAT LOCATION, ONE OVER THE OTHER (ONE HIGH & ONE LOW ON WALL). EXAMPLE: OR



24 POWER FLOOR PLAN
 SCALE: 3/16"=1'-0"

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#	DESCRIPTION	DATE



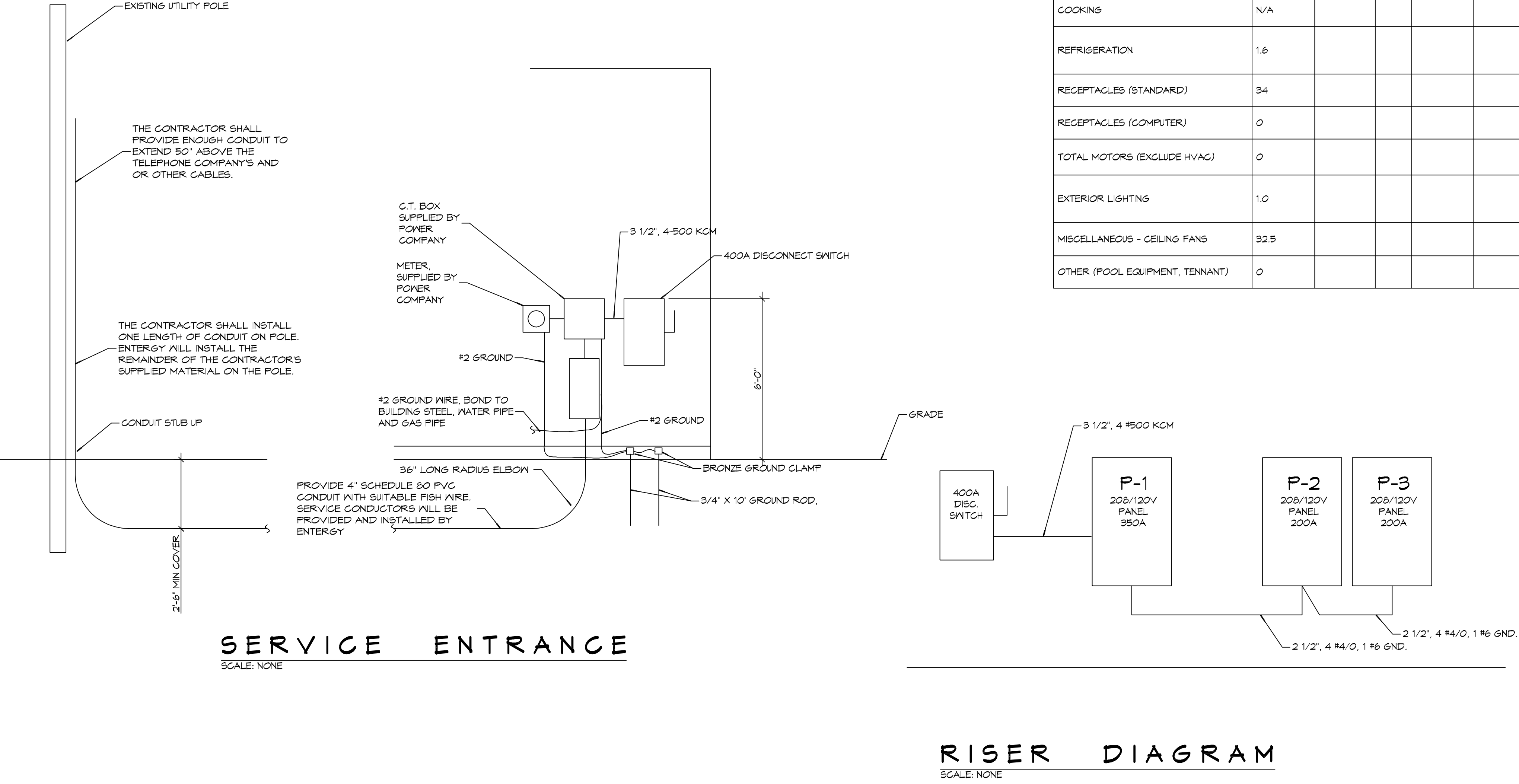
NEW FUNERAL HOME
BONER FALL HOME
 4800 DOWNMAN ROAD
 NEW ORLEANS, LA
 JOB No: 2596 DATE: 10-19-2020
 DRAWN BY: JAGM/KI CHECKED BY: GKD

SHEET TITLE:
POWER FLOOR PLAN
 DRAWING NUMBER:
E101
 SHEET No: 17 of 21

PANEL SCHEDULE												
PANEL: P1			VOLTAGE: 208/120V, 350A, 3Ø, 4W MAIN BREAKER			ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE D, I-LINE PANELBOARD			LOCATION: ELECTRICAL ROOM			AG = 22,000
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
1				16970				4800				2
3	250KCM	PANELS "P2" AND "P3"	200	3	18090			4800	3	50		4
5				16840				4800				6
7				950				4800				8
4	#12	BODY COOLER	15	3	950			4800	3	50		10
11				950				4800				12
13												14
15	#6	SPARE	40	3					3	30		16
11												18
14	#10	HVAC No. 1	30	2	1800							20
21				1800								22
23	#6	HVAC No. 2	50	2	2400							24
25				2400								26
21	#10	HVAC No. 3	30	2	1800			1800	2	40		28
24				1800				1800				30
31	#6	HVAC No. 4	50	2	2400			1200	2	30		32
33				2400				1200				34
35	#6	HVAC No. 5	50	2	2400			1600	2	40		36
37				2400				1600				38
34	#12	CONDENSER UNIT No. 1	15	2	460			450	2	20		40
41				460				450				42

PANEL SCHEDULE												
PANEL: P3			VOLTAGE: 208/120V, 200A, 3Ø, 4W/M/L/O			ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER			LOCATION: ELECTRICAL ROOM			AG = 22,000
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
1	#12	LIGHTS, DRESSING ROOM AND CORRIDOR	20	1	1000			1500	1	20		2
3	#12	LIGHTS, ELECTRICAL ROOM UNSEX RESTROOM AND OFFICES	20	1	1100				1	20		4
5	#12	LIGHTS, CORRIDOR	20	1	800			1000	1	20		6
7	#12	LIGHTS, CHAPEL	20	1	1100				1	20		8
4	#12	LIGHTS, CENTER OFFICES AND SOUND ROOM	20	1	700			1000	1	20		10
11	#12	LIGHTS, VIEWING ROOM AND COFFEE LOUNGE	20	1	1600			900	1	20		12
13	#12	SPARE	20	1				400	1	20		14
15	#12	LIGHTS, HOLDING, OFFICES, STORAGE ROOM	20	1	500					20		16
17	#12	LIGHTS, RECEIVING, CREMATORY	20	1	1100							18
14	#12	OUTSIDE LIGHTS, REAR THROUGH LIGHTING CONTACTOR	20	1	350							20
21	#10	PARKING LOT LIGHTS THROUGH LIGHTING CONTACTOR	20	2	450							22
23				450								24
25												26
27												28
24												30
31												32
33												34
35												36
37												38
34												40
41												42

PANEL SCHEDULE												
PANEL: P2			VOLTAGE: 208/120V, 200A, 3Ø, 4W/M/L/O			ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER			LOCATION: ELECTRICAL ROOM			AG = 22,000
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES, EXTERIOR	20	1	900			1000	1	20		2
3	#12	RECEPTACLES, EQUIPMENT AND PREP ROOMS	20	1	1440			1200	1	20		4
5	#12	DEDICATED RECEPTACLE, PREP ROOM	20	1	1200			1620	1	20		6
7	#12	DEDICATED RECEPTACLE, PREP ROOM	20	1	1200			1200	1	20		8
4	#12	DEDICATED RECEPTACLE, DRESSING ROOM	20	1	1200			1200	1	20		10
11	#12	DEDICATED RECEPTACLE, DRESSING ROOM	20	1	1200			1080	1	20		12
13	#12	RECEPTACLES, OFFICE	20	1	720			1080	1	20		14
15	#12	RECEPTACLES, PROCESSING AREA, OFFICE AND UTILITIES	20	1	900			1080	1	20		16
17	#12	RECEPTACLES, MERCH ROOM	20	1	1080			1260	1	20		18
14	#12	RECEPTACLES, VISITATION AND VIEWING ROOM	20	1	1080			1500	1	20		20
21	#12	RECEPTACLES, VIEWING AND ID ROOM	20	1	1080			1500	1	20		22
23	#12	RECEPTACLES, RECEIVING/ CREMATORY	20	1	900			1200	1	20		24
25	#12	RECEPTACLES, ATTIC	20	1	1260			1200	1	20		26
27	#12	CONTROL POWER TO CREMATORY No. 1	15	1	500			1200	1	20		28
24	#12	CONTROL POWER TO CREMATORY No. 2	15	1	500			500	1	15		30
31	#12	BODY COOLER, EVAPORATOR AND LIGHTS	20	1	500			500	1	20		32
33	#10	3ØA RECEPTACLE FOR PROCESSING STATION	30	1	2500			500	1	20		34
35	#12	CONTROL POWER TO KEY SWITCH CREMATORY VIEWING ROOM	15	1	500							36
37												38
34												40
41												42



ELECTRICAL LOAD SUMMARY

ENTERGY POWER COMPANY				
PROJECT NAME:	BOYD FAMILY FUNERAL HOME			
PROJECT ADDRESS:	4800 DOWNMAN ROAD			
CITY/TOWN:	NEW ORLEANS, LOUISIANA			
INTENDED USER:	BOYD			
REQ SERV:	208	V	3	PHASE 4 WIRES
SERV ENTR SIZE:	350 AMPS			
HVAC TONNAGE:	19 TONS			
LARGEST MOTOR:	HP			
(NOTE: MOTORS ABOVE 20HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE W/ 120/240V, 1Ø, 3Ø SERVICE)				
TOTAL BUILDING SQ FT:	11000	SF		
INDIVIDUAL UNIT SQUARE FOOTAGE:		SF (MULT OCCUPANCY)		
INDIVIDUAL UNIT DESIGNATION:		(MULT OCCUPANCY)		
LOAD SOURCE	1Ø-KVA	3Ø-KVA	OR	1Ø-KVA 3Ø-KVA
BUILDING LIGHTING	14.0			
ELECTRIC WATER HEATING	0.0			
HEAT PUMPS				
SUPPLEMENTAL HEAT SYSTEMS				
AIR COND CONDENSING UNITS	11.6			
ELEC HEATING (PRIMARY) - AHU'S	24.6			
COOKING	N/A			
REFRIGERATION	1.6			
RECEPTACLES (STANDARD)	34			
RECEPTACLES (COMPUTER)	0			
TOTAL MOTORS (EXCLUDE HVAC)	0			
EXTERIOR LIGHTING	1.0			
MISCELLANEOUS - CEILING FANS	32.5			
OTHER (POOL EQUIPMENT, TENNANT)	0			

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DATE: 10-15-2022
DATE: 2896
CHECKED BY: AF/JAG/MK

STATE OF LOUISIANA
BRIAN A. MISTICH
LICENSE NO. 30187

NEW FUNERAL HOME
BOYD FAMILY FUNERAL HOME
4800 DOWNMAN ROAD
NEW ORLEANS, LA
JOB NO: 2896
DRAWN BY: AF/JAG/MK

SHEET TITLE: ELECTRICAL PANEL SCHEDULES
DRAWING NUMBER: E105
SHEET No: 21 of 21