

LIFE-SAFETY INFORMATION	
APPLICABLE CODES	
NFPA 101 LIFE-SAFETY CODE 2015	
OCCUPANCY TYPE(S) AND CHAPTER(S)	
RESIDENTIAL FEWER THAN 5 OCCUPANTS: NFPA LODGING AND IBC RESIDENTIAL R-3	
MULTIPLE, MIXED, OR SEPARATE OCCUPANCY (REFERENCE CHAPTER 6)	
N/A	
OCCUPANT LOAD FACTOR (REFERENCE TABLE 7.3.1.2)	
ASSEMBLY 1004 NET SF	148 OCCUPANTS
LODGING 352 SF	1 OCCUPANTS
CLASSIFICATION OF HAZARD OF CONTENTS	
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2: SPECIFY LOW, ORDINARY, OR HIGH)	
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.5.2.1.2 AND COMMENTARY TABLE 6.1 IN HANDBOOK)	
III(222)	
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS	
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)	
1/2 DIAGONAL =	51'-4"
MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
20 FEET	
MAXIMUM COMMON PATH OF TRAVEL DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
20 FEET/75 FEET	
MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
200 FEET	
*MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING	
EXTINGUISHMENT REQUIREMENTS	NOT SPRINKLERED (NOT REQUIRED)
DETECTION, ALARM, AND COMMUNICATION SYSTEMS	NOT REQUIRED
ALLOWABLE HEIGHT AND BUILDING AREA	PER IBC EQUIVALENT CONSTRUCTION TYPE

BUILDING CODE INFORMATION	
APPLICABLE CODES	
IBC 2021	
ASSEMBLY GROUP AB/ RESIDENTIAL R-3	(IBC 2021 CHAPTER 13)
OCCUPANT LOAD CALCULATIONS	(TABLE 1004.1.2)
ASSEMBLY (LESS CONCENTRATED USE, WITHOUT FIXED SEATING)	1000 NET SF 148 OCCUPANTS
RESIDENTIAL R3	352 SF 1 OCCUPANT
CONSTRUCTION TYPE(S)	(TABLE 503)
III (SECTION 503)	
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	
MAXIMUM HEIGHT IN STORES (SECTION 503 & 504, TABLE 503)	2
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	4,500 SF

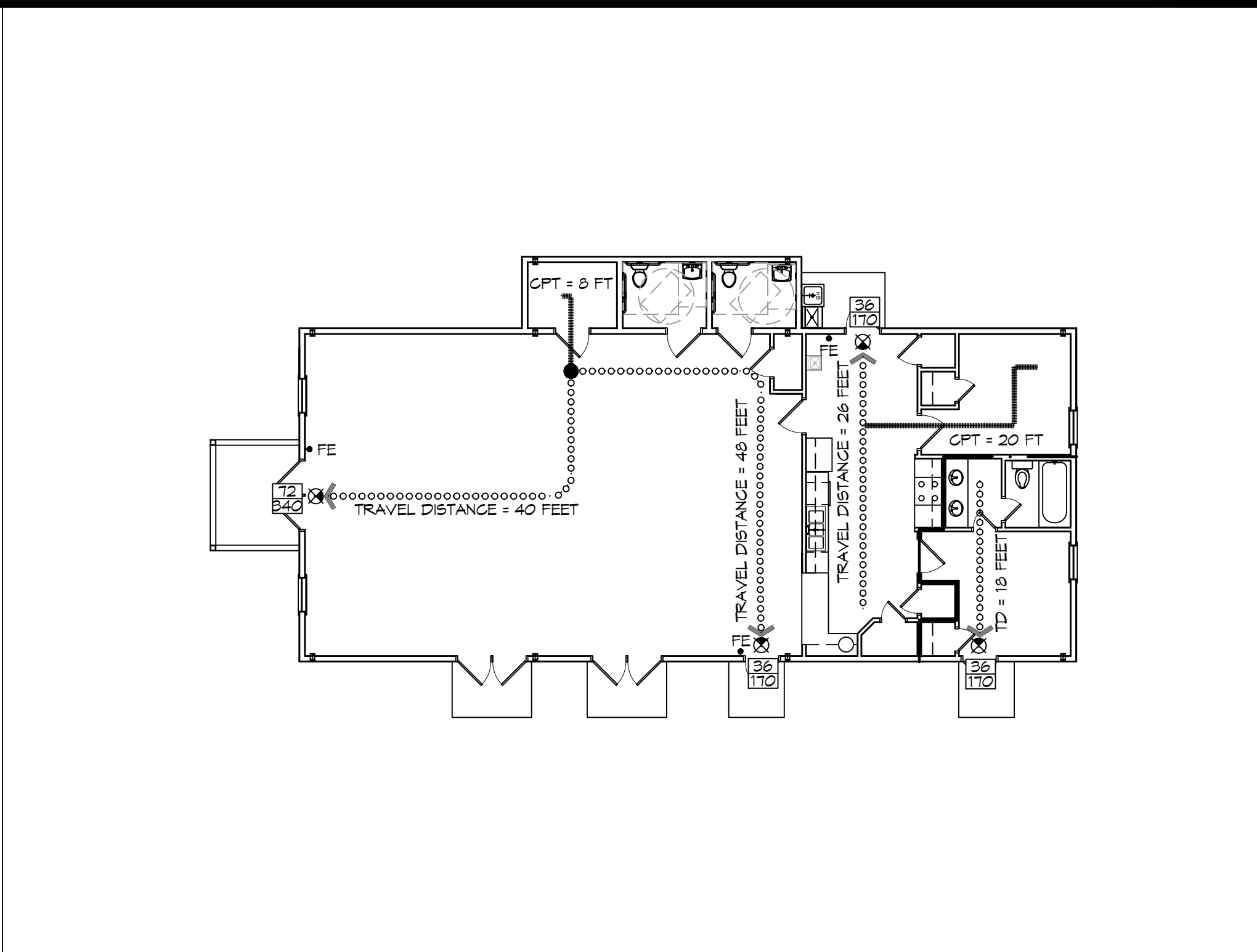
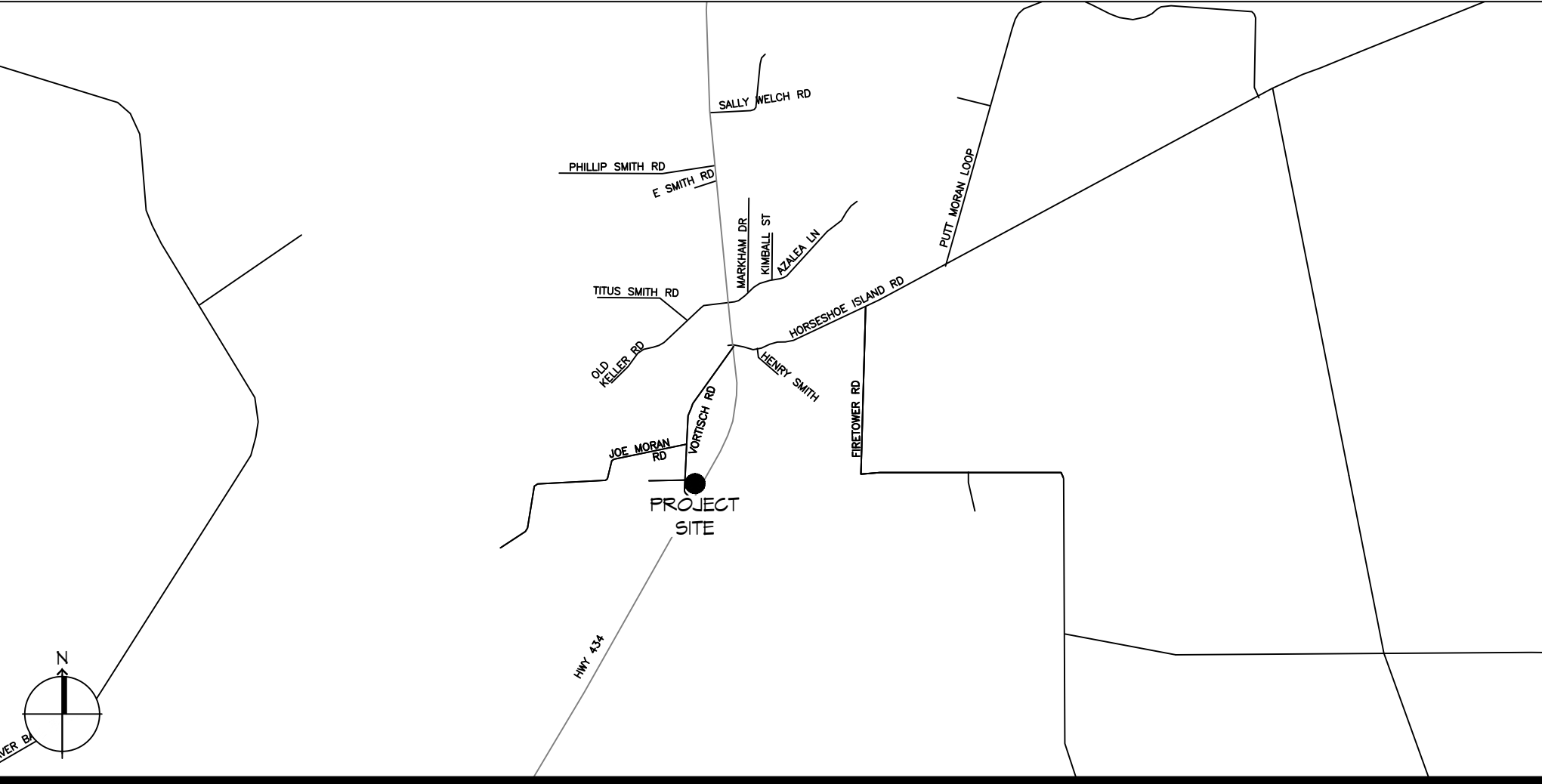
WIND SPEED DESIGN REQUIREMENTS	
THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:	
WIND DESIGN DATA:	
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY	
BASIC WIND SPEED (3 SECOND GUST) =	131 MPH (IBC FIG 1609C)
RISK FACTOR: CATEGORY II BLDG	SURFACE ROUGHNESS = B
TOPOGRAPHIC FACTOR = 1	EXPOSURE = B
DESIGN WIND PRESSURE (ASCE 7-10 TABLE 28.6-1):	37.4 PSF
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	± 0.15
LIVE LOADS (IBC SEC 1607)	
ASSEMBLY NO FIXED SEATING (IBC TABLE 1607.1):	100 PSF
PLATFORMS (ASSEMBLY) (IBC TABLE 1607.1):	100 PSF
LOBBIES (IBC TABLE 1607.1):	100 PSF
STORAGE, LIGHT (IBC TABLE 1607.1):	125 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED
SNOW LOADS (IBC TABLE 1608):	
GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF

FLOOD ZONE INFORMATION	
BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES, INC. THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA. F.I.R.M. COMMUNITY MAP NO 225209 0275 G; REVISED 10/11/1989	
FLOOD ZONE: C & A	BASE FLOOD ELEVATION N/A
ELEVATIONS REFER TO NGVD 1929 DATUM	

PROJECT STATISTICS	
SQUARE FOOTAGE	
NEW BUILDING	2,100 SF
TOTAL ENCLOSED SPACE	2,100 SF

OUR LADY OF FATIMA
MULTIPURPOSE BUILDING
LACOMBE LOUISIANA

LIFE-SAFETY LEGEND	
SYMBOL	DESCRIPTION
>	EXITS
(45)	DOOR FIRE RATING (MINUTES)
58/170	DOOR WIDTH/EGRESS CAPACITY
EL	EXIT LIGHT
FE	FIRE EXTINGUISHER AND CABINET
FE	FIRE EXTINGUISHER W/ WALL MTD BRACKET
-----	COMMON PATH OF TRAVEL
o-o-o-o-o-o-o-o-o-o	TRAVEL DISTANCE
●	DECISION POINT
-----	SMOKE PARTITION
-----	ONE-HOUR FIRE RATED PARTITION
-----	TWO-HOUR FIRE RATED PARTITION
-----	TWO-HOUR FIRE/SMOKE PARTITION
-----	FOUR-HOUR RATED PARTITION



LIFE-SAFETY PLAN
 SCALE: 3/32" = 1'-0"

SHEET INDEX	
SHEET #	SHEET TITLE
G001	GENERAL PROJECT, LIFE-SAFETY AND CODE INFORMATION
G002	ACCESSIBILITY INFORMATION
C101	SITE PLAN
C102	SITE DRAINAGE PLAN
C103	SITE UTILITY PLAN/EROSION CONTROL
A101	FLOOR PLAN
A102	REFLECTED CEILING PLAN
A103	EXTERIOR ELEVATIONS
P101	PLUMBING FLOOR PLAN
M101	MECHANICAL FLOOR PLAN - DETAILS AND SCHEDULES
E101	ELECTRICAL FLOOR PLAN - POWER AND LIGHTING
E102	ELECTRICAL PANEL AND ONE LINE DIAGRAM

GENERAL NOTES	
1.	ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2.	CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
3.	THE DRAWINGS, SPECIFICATIONS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
4.	DO NOT SCALE DRAWINGS. CONSULT WITH THE ARCHITECT REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
5.	TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
6.	THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
7.	CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
8.	NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.
9.	ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.5832

#	DESCRIPTION	DATE

OUR LADY OF FATIMA

MULTI PURPOSE BUILDING
 66110 VERTICHI ROAD
 LACOMBE, LOUISIANA 70445
 JOB No: 2570
 DATE: 06-22-2023
 DRAWN BY: CKD
 CHECKED BY: RLD

G001

SHEET TITLE:
 GENERAL PROJECT,
 LIFE-SAFETY, AND
 BUILDING CODE
 INFORMATION
 DRAWING NUMBER:

SHEET No:

1 of 12

FILE NAME: A:_GENERAL\3100 - Our Lady of Mercy - General\3100 - Our Lady of Mercy - General\3100 - Our Lady of Mercy - General.dwg, PLOT DATE: 06/22/2023, 8:48:33 AM

LEGEND	
SYMBOL	DESCRIPTION
—S—S—	SANITARY SEWER
—DW—DW—	POTABLE DOMESTIC WATER
—V—V—	VENT PIPE
—W—W—	WASTE WATER
—GAS—GAS—	GAS PIPE
—C—C—	CONDENSATE PIPE
—FD	FLOOR DRAIN
—WCO	WALL CLEAN OUT
—HB	HOSE BIB

- ### GENERAL PLUMBING NOTES - SEWER
- 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.
 - 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 B38 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 WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV 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.
 - SEE SHEET G103 FOR CONTINUATION OF UTILITIES FROM POINT APPROXIMATELY FIVE FEET OUTSIDE OF BUILDING PERIMETER.
 - ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

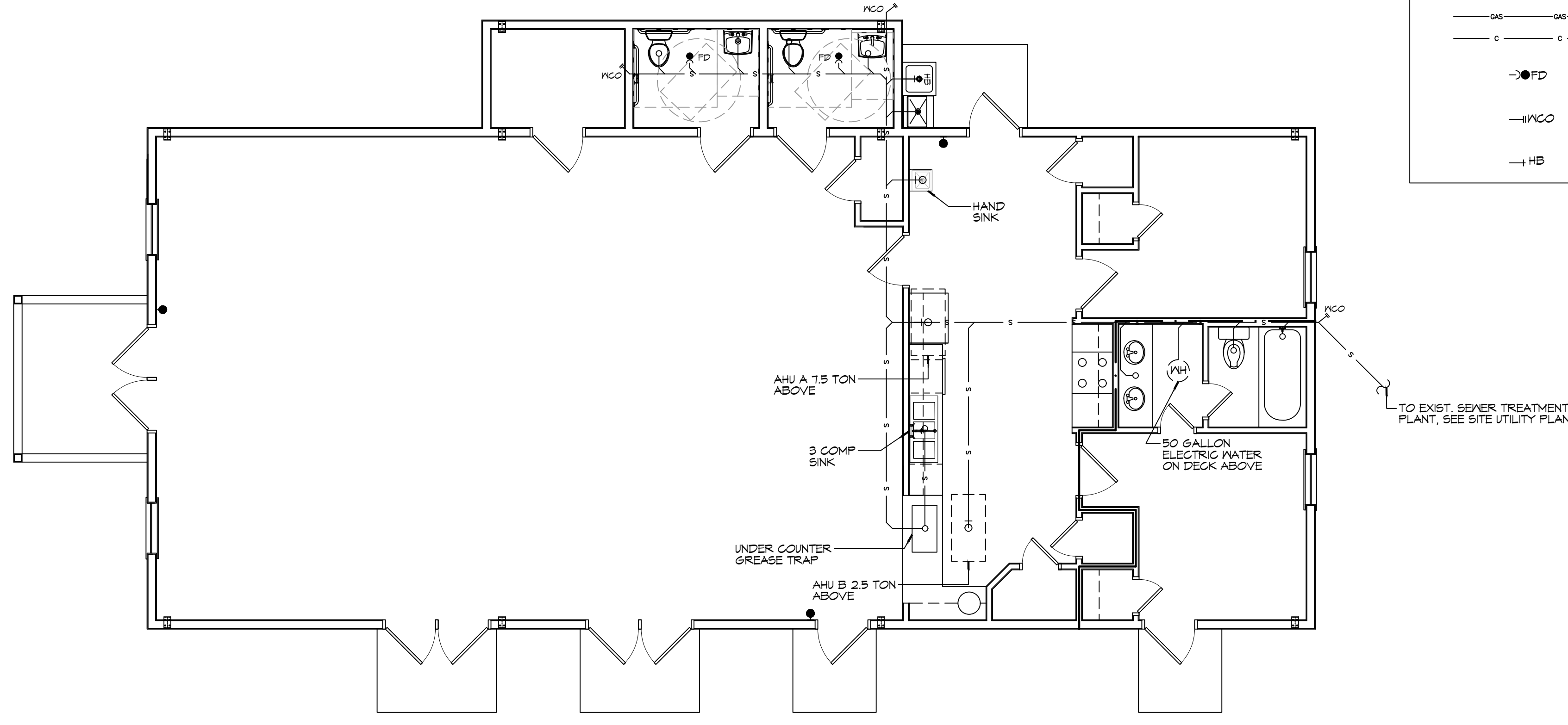
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#	DESCRIPTION	DATE

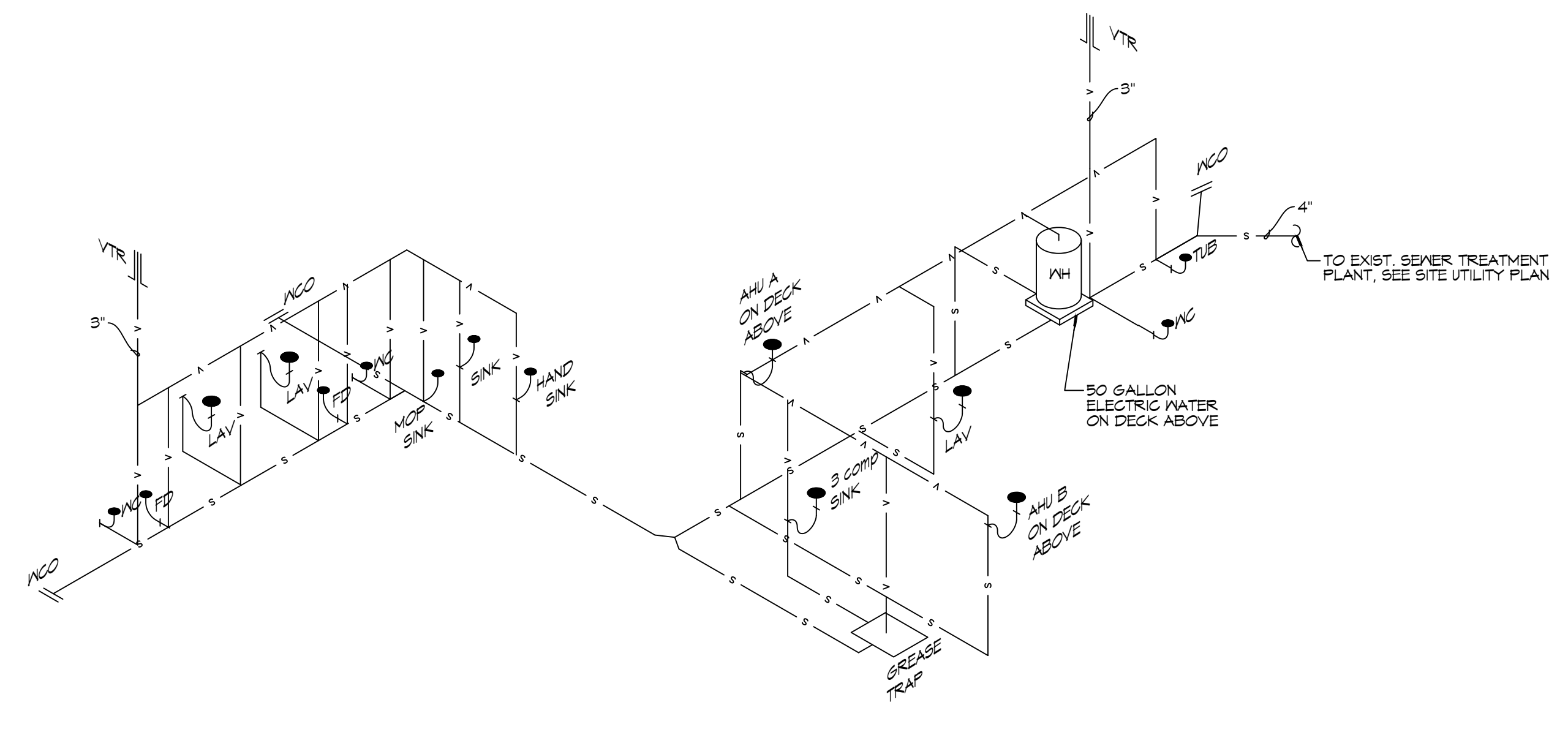


MULTI PURPOSE BUILDING
OUR LADY OF A
L T I M
F A
 66110 VERTICHI ROAD
 LACOMBE, LOUISIANA 70445
 JOB No: 2310 DATE: 06-22-2023
 DRAWN BY: RLD CHECKED BY: CKD

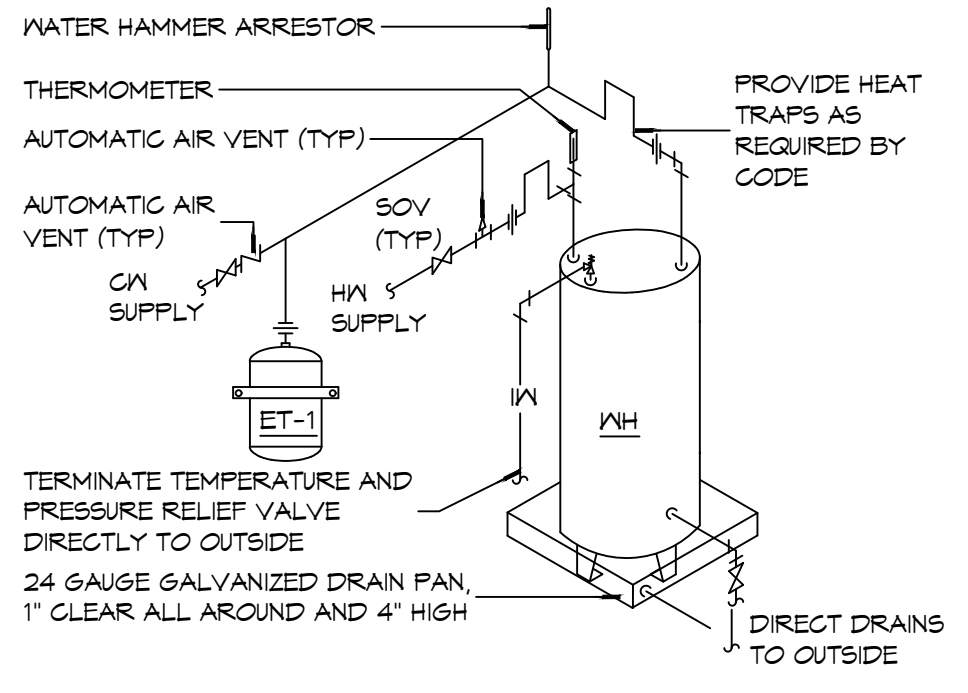
SHEET TITLE:
 PLUMBING FLOOR PLAN
 DRAWING NUMBER:
P101
 SHEET No: 9 of 12



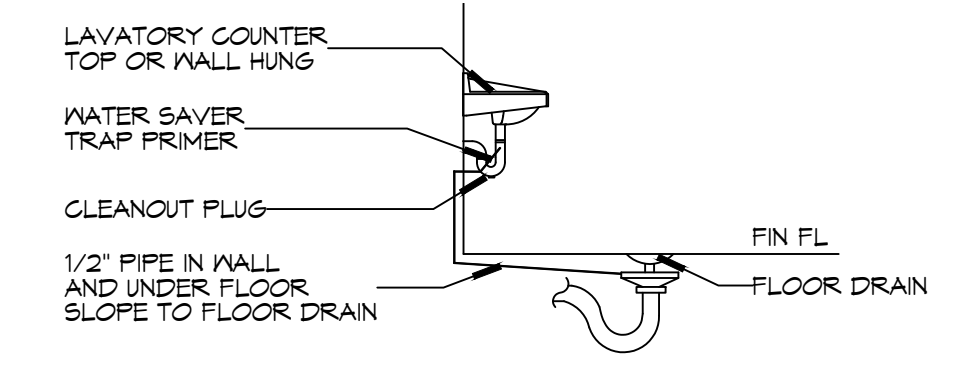
13 PLUMBING FLOOR PLAN
SCALE: 3/16" = 1'-0"



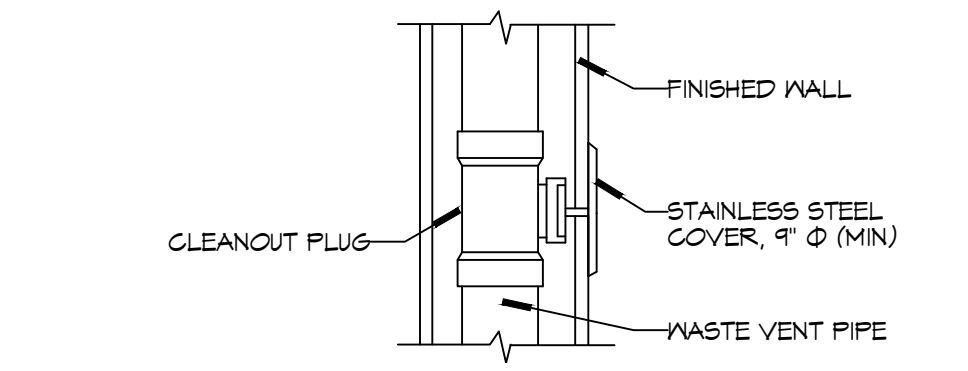
12 PLUMBING RISER
SCALE: N.T.S.



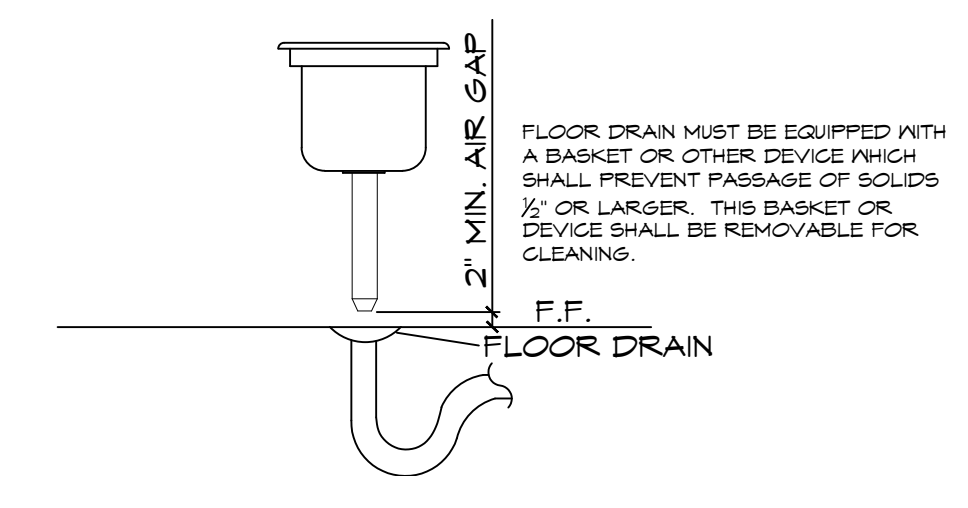
16 WATER HEATER
SCALE: N.T.S.



15 FLOOR DRAIN
SCALE: N.T.S.



14 WALL CLEANOUT
SCALE: N.T.S.



FLOOR SINK DRAIN
SCALE: N.T.S.

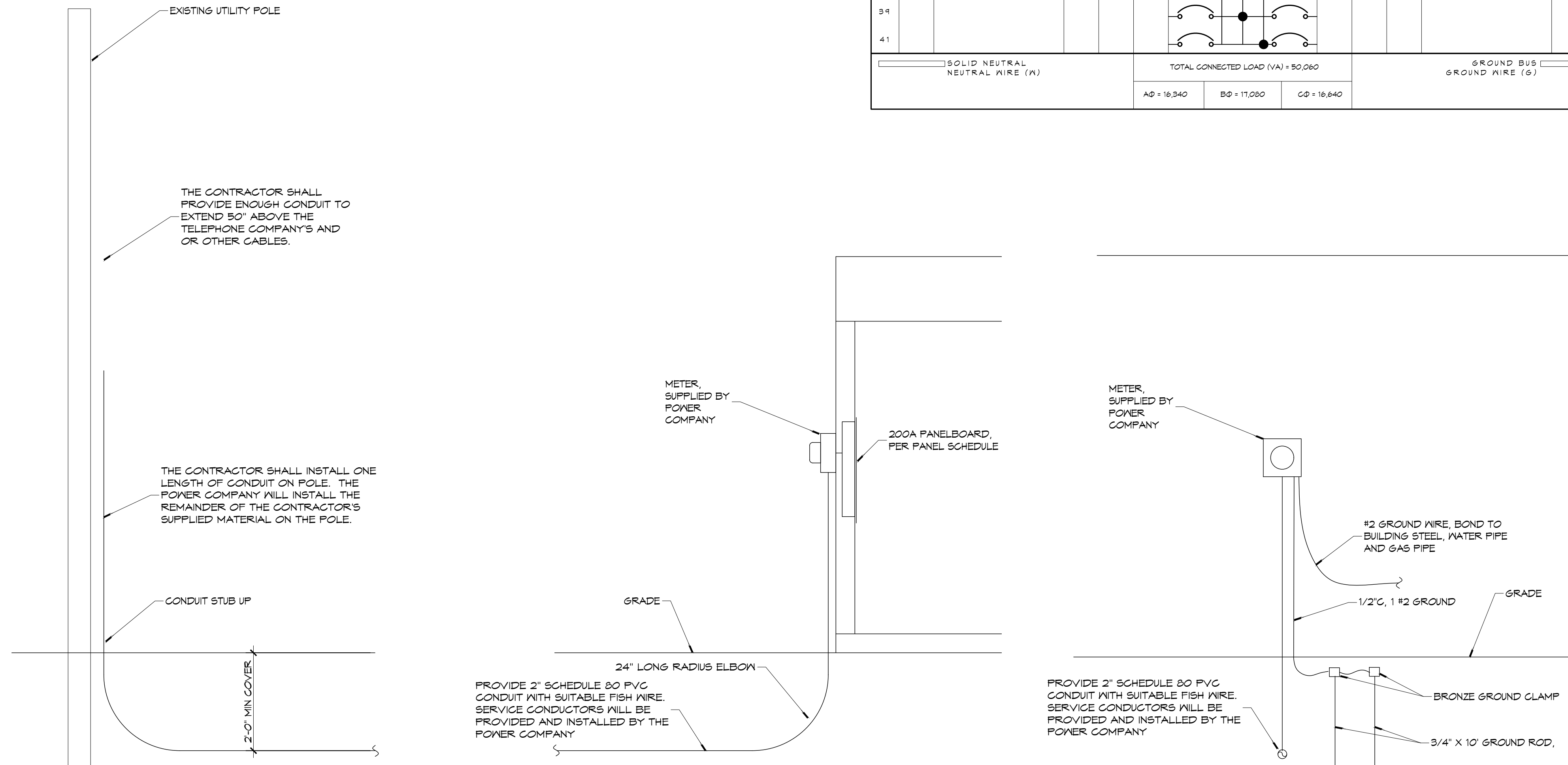
NOTES:
 1. A WATERTIGHT PAN WITH 1" DRAIN SHALL BE PROVIDED UNDER WATER HEATER.

PROVIDE HEAT TRAPS AS REQUIRED BY CODE.
 TERMINATE TEMPERATURE AND PRESSURE RELIEF VALVE DIRECTLY TO OUTSIDE.
 24 GAUGE GALVANIZED DRAIN PAN, 1" CLEAR ALL AROUND AND 4" HIGH.
 DIRECT DRAINS TO OUTSIDE.

E102.MXD - A:\Projects\2023\102 - Our Lady of Fatima - Electrical\Drawings\102 - Electrical\Panelboard\102 - Electrical\Panelboard.dwg - 2023-04-20 10:28:42 AM

PANEL SCHEDULE													
PANEL: P1 REAR WALL				VOLTAGE: 208/120V, 200A, 3Ø, 4W MAIN BREAKER									
LOCATION: REAR WALL				ENCLOSURE: FLUSH MOUNTED IV EQUIPMENT GND BAR SQUARE D, I-LINE PANELBOARD									
FEEDER SOURCE: UTILITY													
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)	WIRING			LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
					A	B	C						
1	#8	AIR HANDLING UNIT - A	40 3	3500	●	●	●	3500	3 40	CONDENSER UNIT - A	#8	4	
3	#8	AIR HANDLING UNIT - A	40 3	3500	●	●	●	3500	3 40	CONDENSER UNIT - A	#8	4	
5	#8	AIR HANDLING UNIT - A	40 3	3500	●	●	●	3500	3 40	CONDENSER UNIT - A	#8	4	
1	#10	AIR HANDLING UNIT - B	30 2	1000	●	●	●	1000	2 20	CONDENSER UNIT - B	#12	8	
4	#10	AIR HANDLING UNIT - B	30 2	1000	●	●	●	1000	2 20	CONDENSER UNIT - B	#12	10	
11	#10	50 GALLON WATER HEATER	30 2	1800	●	●	●	1440	1 20	RECEPTACLES	#12	12	
13	#10	50 GALLON WATER HEATER	30 2	1800	●	●	●	320	1 20	RECEPTACLES, AC CONDENSERS	#12	14	
15	#8	RANGE	50 2	2500	●	●	●	1080	1 20	RECEPTACLES, FRONT	#12	16	
17	#8	RANGE	50 2	2500	●	●	●	900	1 20	RECEPTACLES, LEFT	#12	18	
19	#12	FLUORESCENT LIGHTING	20 1	2100	●	●	●	720	1 20	RECEPTACLES, REAR	#12	20	
21	#12	FLUORESCENT LIGHTING	20 1	1400	●	●	●	1800	1 20	RECEPTACLES, KITCHEN COUNTER	#12	22	
23	#12	EXTERIOR LIGHTING, FRONT	20 1	500	●	●	●	1500	1 20	RECEPTACLES, KITCHEN COUNTER	#12	24	
25	#12	LIGHTNS, BATHROOMS	20 1	400	●	●	●	1	20	MICROWAVE, RECEPTACLES	#12	26	
27	#12	LIGHTNS	20 1	300	●	●	●	1	20	SPARE	#12	28	
29	#12	LIGHTNS, KITCHEN	20 1	1000	●	●	●	1	20	SPARE	#12	30	
31	#12	LIGHTNS	20 1	700	●	●	●					32	
33					●	●	●					34	
35					●	●	●					36	
37					●	●	●					38	
39					●	●	●					40	
41					●	●	●					42	
SOLID NEUTRAL NEUTRAL WIRE (N)				TOTAL CONNECTED LOAD (VA) = 50,080			GROUND BUS GROUND WIRE (G)						
				AG = 16,340			BG = 17,080			CG = 16,640			

ELECTRICAL LOAD SUMMARY					
C L E C O POWER COMPANY					
PROJECT NAME:	NEW BUILDING FOR OUR LADY OF FATIMA				
PROJECT ADDRESS:	66110 VORTISCH ROAD				
CITY/TOWN:	LACOMBE, LOUISIANA				
INTENDED USER:	OUR LADY OF FATIMA				
REQ SERV:	208	V	3	PHASE	4 WIRES
SERV ENTR SIZE:	200 AMPS				
HVAC TONNAGE:	10 TONS				
LARGEST MOTOR:	HP				
(NOTE: MOTORS ABOVE 20HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE IV 120/240V, 1Ø, 3W SERVICE)					
TOTAL BUILDING SQ FT:	2260	SF			
INDIVIDUAL UNIT SQUARE FOOTAGE:	SF (MULT OCCUPANCY)				
INDIVIDUAL UNIT DESIGNATION:	(MULT OCCUPANCY)				
LOAD SOURCE	1Ø-KVA	3Ø-KVA	OR	1Ø-KW	3Ø-KW
BUILDING LIGHTING	6.9				
ELECTRIC WATER HEATING	3.0				
HEAT PUMPS		13.5			
SUPPLEMENTAL HEAT SYSTEMS		14			
AIR COND CONDENSING UNITS	0				
ELEG HEATING (PRIMARY) - AHU's	0				
COOKING	5.0				
REFRIGERATION	1.6				
RECEPTACLES (STANDARD)	6.0				
RECEPTACLES (COMPUTER)	0				
TOTAL MOTORS (EXCLUDE HVAC)	0				
EXTERIOR LIGHTING	0.5				
MISCELLANEOUS - CEILING FANS	0				
OTHER (POOL EQUIPMENT, TENNANT)	0				



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Slidell, LA 70458

REVISIONS	DATE
#	DESCRIPTION



MULTI PURPOSE BUILDING
OUR LADY OF FATIMA
66110 VORTISCH ROAD,
LACOMBE, LOUISIANA 70445

JOB No: 2570 DATE: 06-22-2023
DRAWN BY: RLD CHECKED BY: AEP

SHEET TITLE:
ELECTRICAL PANEL AND ONE LINE DIAGRAM

DRAWING NUMBER:
E102

SHEET No: 12 of 12