

LIFE-SAFETY INFORMATION	
APPLICABLE CODES	
2015 NFPA 101 LIFE-SAFETY CODE & 2021 IBC	
OCCUPANCY TYPE(S) AND CHAPTER(S)	
DAY CARE (CHAPTER 16)	
MULTIPLE, MIXED, OR SEPARATE OCCUPANCY (REFERENCE CHAPTER 6)	
N/A	
OCCUPANT LOAD FACTOR (REFERENCE TABLE 7.3.1.2)	
12,120 NET S.F. 35 SF PER OCCUPANT = 363	
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)	
2B	
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS	
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)	
1/3 DIAGONAL (SPRINKLED) = 41.6'	
MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
50'	
MAXIMUM COMMON PATH OF TRAVEL DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
100'	
MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
200'	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS NO	
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE	

BUILDING CODE INFORMATION	
APPLICABLE CODES	
IBC 2021	
INSTITUTIONAL GROUP 1-4 (IBC 2021 CHAPTER 3)	
OCCUPANT LOAD CALCULATIONS (TABLE 1004.1.1)	
DAY CARE 12,120 SQ FT 35 SF PER OCCUPANT (GROSS) 363	
CONSTRUCTION TYPE(S) (TABLE 504)	
2B (SECTION 504)	
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	
MAXIMUM HEIGHT IN STORIES (SECTION 504.4) 3	
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503) 50,000	

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 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY	
WIND SPEED (VULT (3 SECOND GUST) =	142 MPH (IBC FIG 1609.3(1))
NOMINAL DESIGN WIND SPEED V ₅₀ d =	110 MPH (VULT x (0.6) ^{1/2})
RISK CATEGORY:	CATEGORY II BLDG SURFACE ROUGHNESS = B
TOPOGRAPHIC FACTOR =	1 EXPOSURE = C
DESIGN WIND PRESSURE (ASCE 7-10 TABLE 26.6-1):	37.1 PSF
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	± 0.18
LIVE LOADS (IBC SEC 1607)	
SCHOOL CLASSROOM (IBC TABLE 1607.1):	40 PSF UNIFORM, 1,000 LB CONCENTRATED
SCHOOL CORRIDOR	100 PSF UNIFORM, 1,000 LB CONCENTRATED
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED
SNOW LOADS (IBC SEC 1608)	
GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF

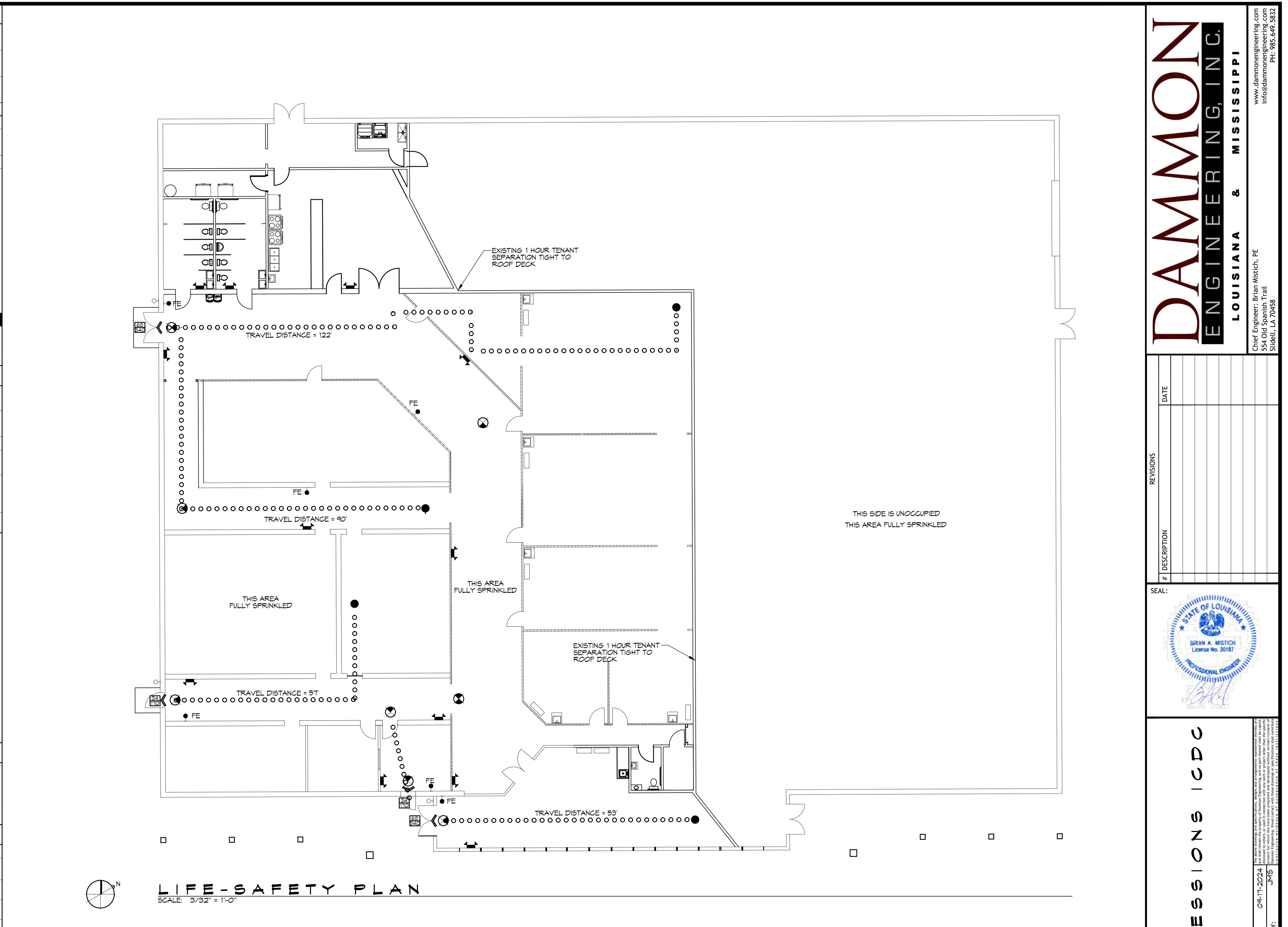
FLOOD ZONE INFORMATION	
BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES, THIS PROPERTY IS NOT IN SPECIAL FLOOD HAZARD AREA	
FIRM, COMMUNITY NO. 225205 0415 C DATED 04/02/1991	
FLOOD ZONE:	C BASE FLOOD ELEVATION N/A

LIFE-SAFETY LEGEND	
SYMBOL	DESCRIPTION
➤	EXITS
Ⓜ	DOOR FIRE RATING (MINUTES)
Ⓜ	DOOR WIDTH/EGRESS CAPACITY
Ⓜ	EXIT LIGHT
• FE	FIRE EXTINGUISHER IV WALL MTD BRACKET
—	COMMON PATH OF TRAVEL
••••••••	TRAVEL DISTANCE
•	DECISION POINT

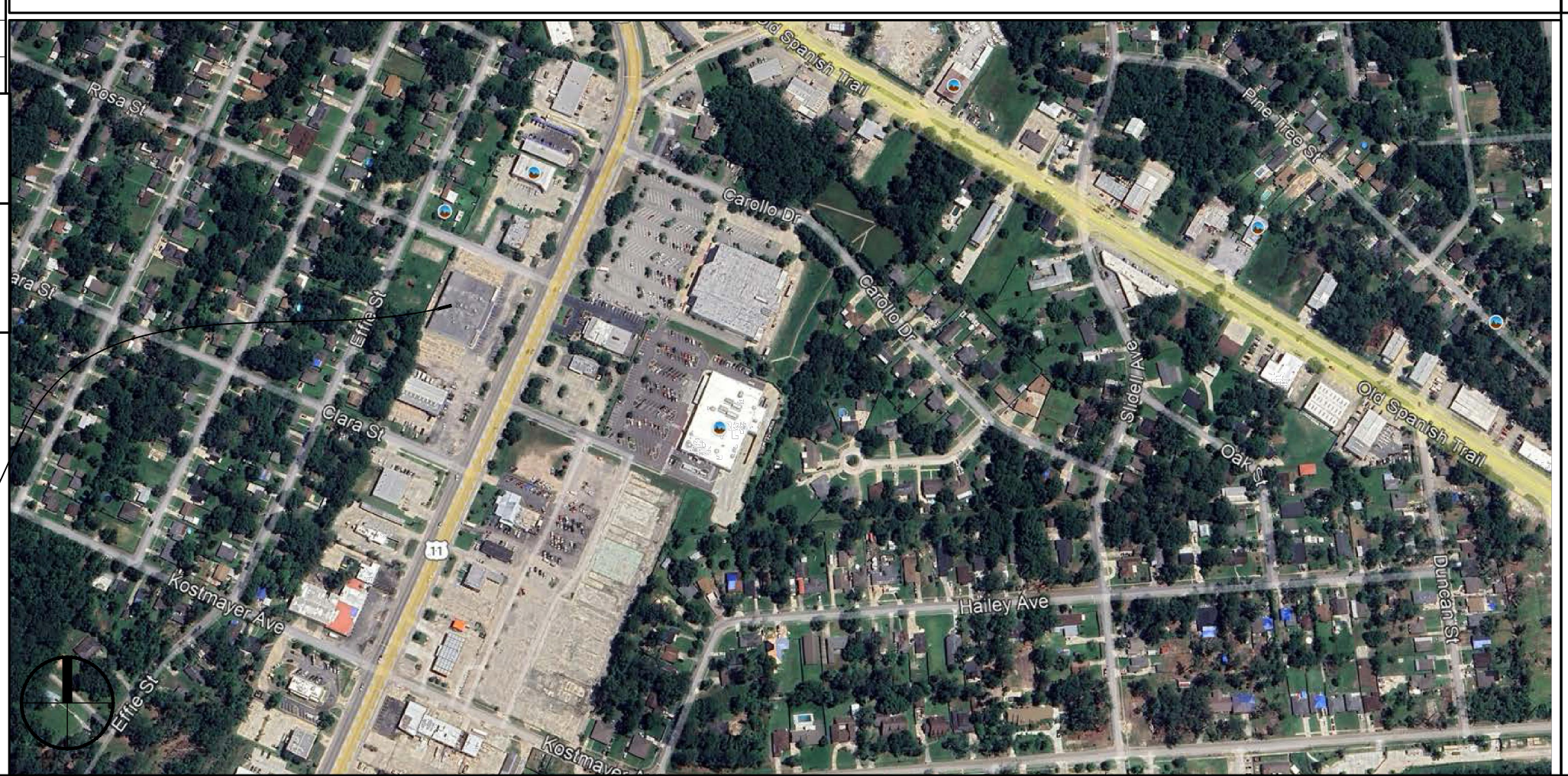
PROJECT DESCRIPTION

THIS IS AN EXISTING 24,121 SQ. FT. BUILDING THAT IS FULLY SPRINKLED AND FIRE ALARM. THE LAST TENANT WAS A CHURCH. THE NEW OCCUPANT WILL BE A DAY CARE AND OCCUPY 12,120 SQ. FT. ALL WALLS, LIGHTS AND AIR CONDITIONING WILL REMAIN THE SAME.

PROJECT SITE



VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
C101	SITE PLAN
D101	DEMOLITION PLAN
A101	FLOOR PLAN
A102	EXTERIOR ELEVATIONS
E101	POWER & LIGHTING PLAN
P101	PLUMBING PLAN

GENERAL NOTES

- ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
- THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
- DO NOT SCALE DRAWINGS. CONSULT WITH THE ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
- TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
- CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
- 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.
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#	DESCRIPTION	DATE



NEW DAYCARE
1ST IMPRESSIONS ICDC

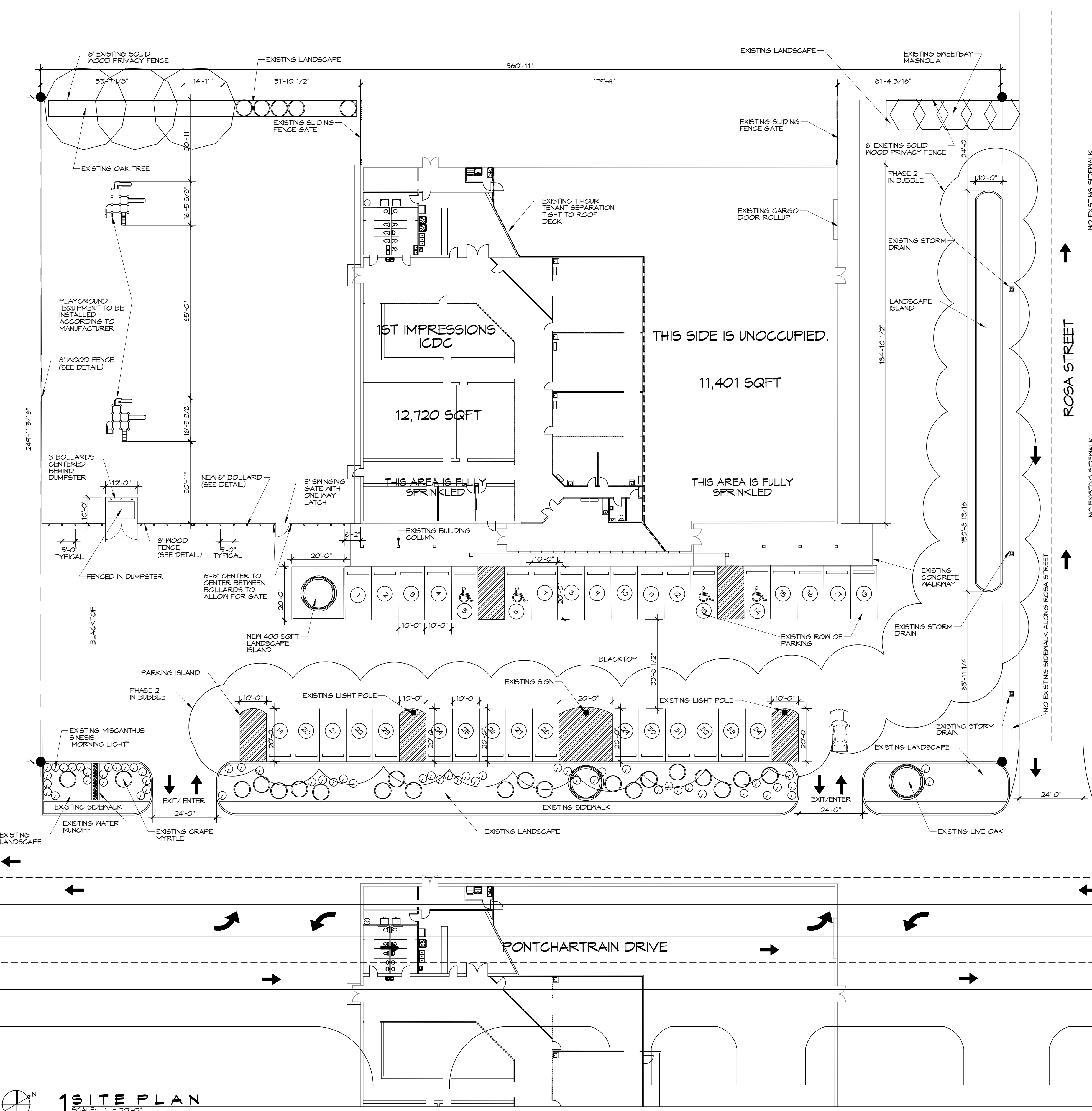
3127 PONTCHARTRAIN DR.
SLIDELL, LA 70458

JOB No: 2500 DATE: 04-17-2024
DRAWN BY: CRD CHECKED BY: JMB

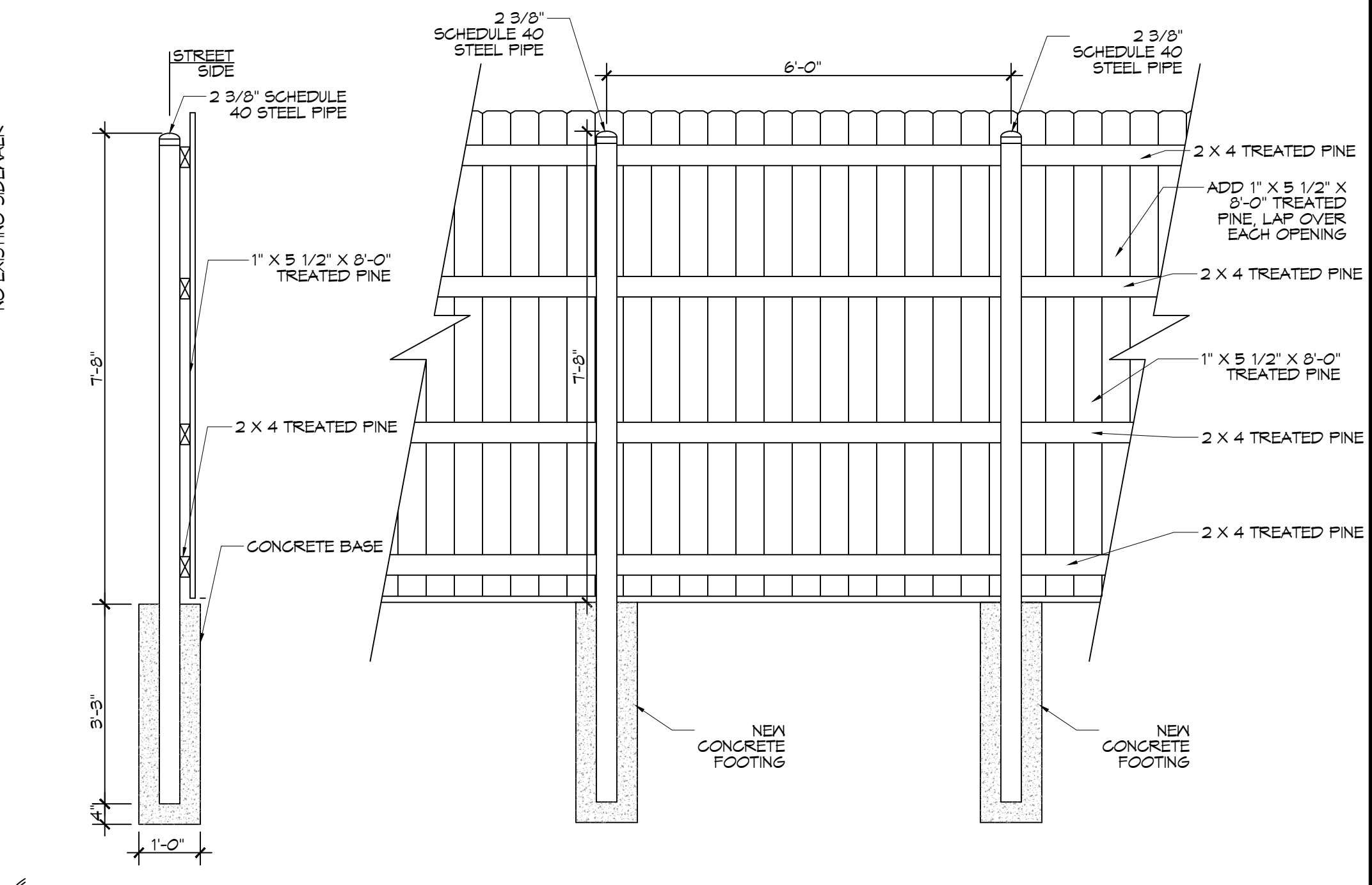
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GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

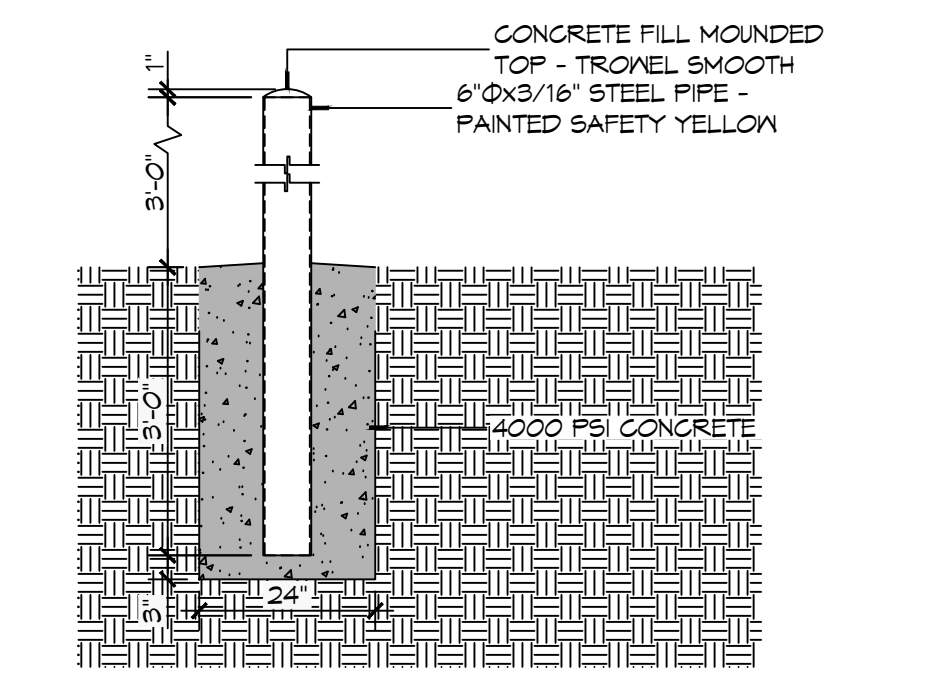
SHEET No: 1 of 7



1 SITE PLAN
SCALE: 1" = 20'-0"



2 FENCE DETAIL
SCALE: 1/2" = 1'-0"

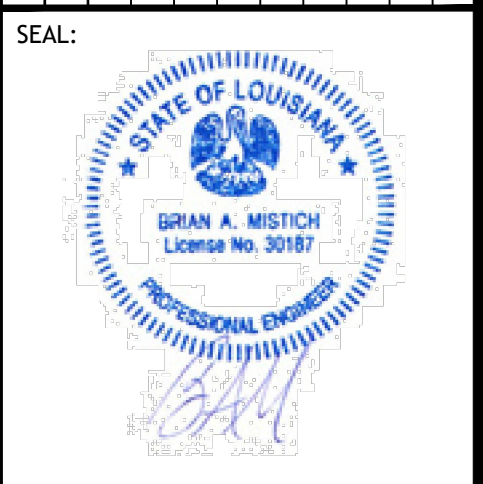


3 BOLLARD DETAIL
SCALE: 1/2" = 1'-0"

PLANNING
ZONING DISTRICT - C4 HIGHWAY COMMERCIAL
FLOOD ZONE
ZONE AE ELEVATION 10.0
BUILDING SQUARE FOOTAGE
TOTAL BUILDING 24,121 SQ. FT.
PARKING REQUIREMENTS
5 CLASSROOMS 12 PARKING SPACES REQUIRED
14 REGULAR PARKING SPACES PROVIDED 4 HANDICAP PARKING SPACES PROVIDED TOTAL PARKING SPACES PROVIDED 18
BUILDING ZONING ADJUSTMENTS
BZA 12-20

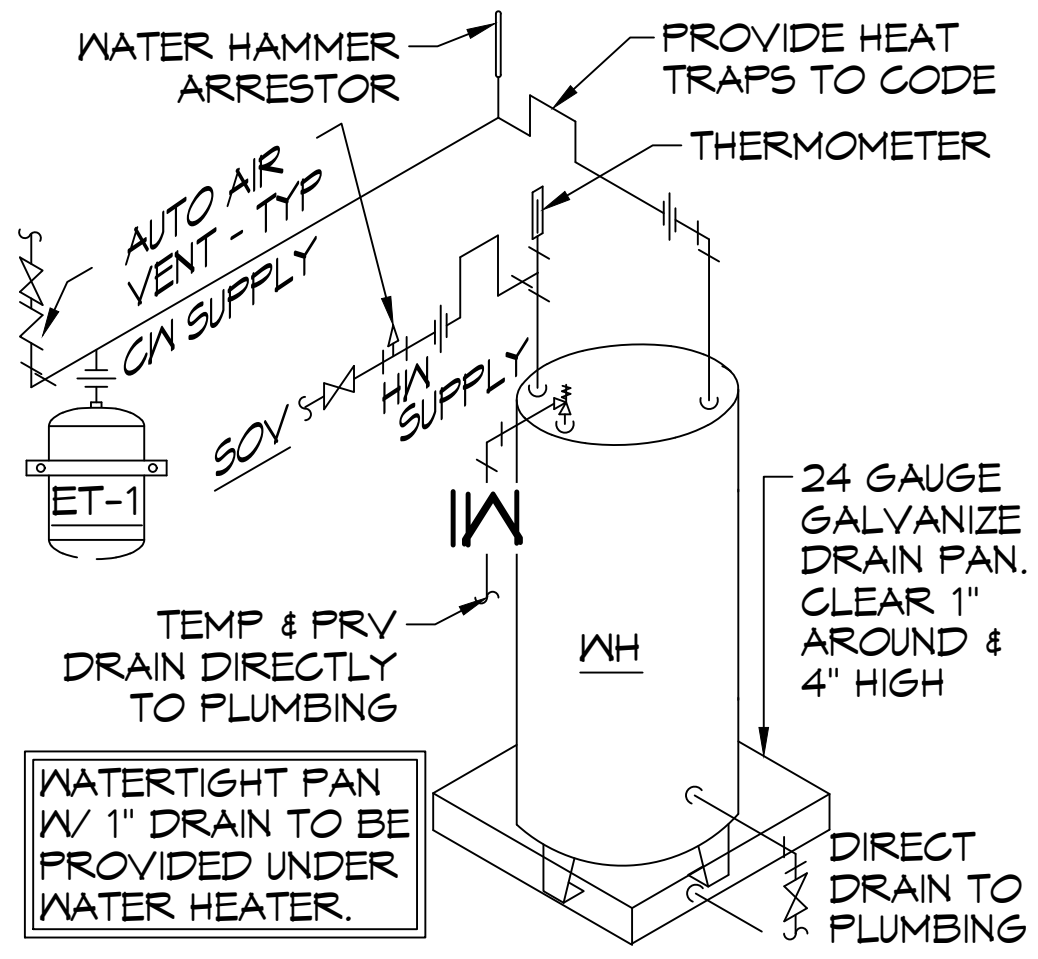
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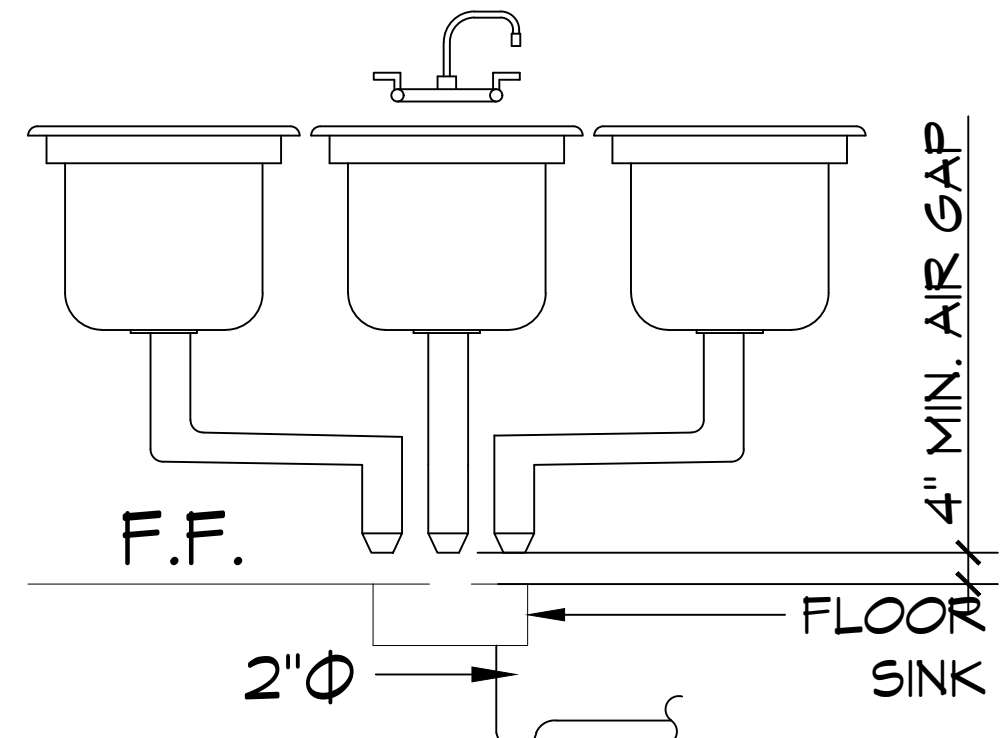


NEW DAYCARE
1ST IMPRESSIONS ICDC
3127 PONTCHARTRAIN DR.
SLIDELL, LA 70459
JOB No: 2500 DATE: 08-11-2024
DRAWN BY: JMS
CHECKED BY: CKD

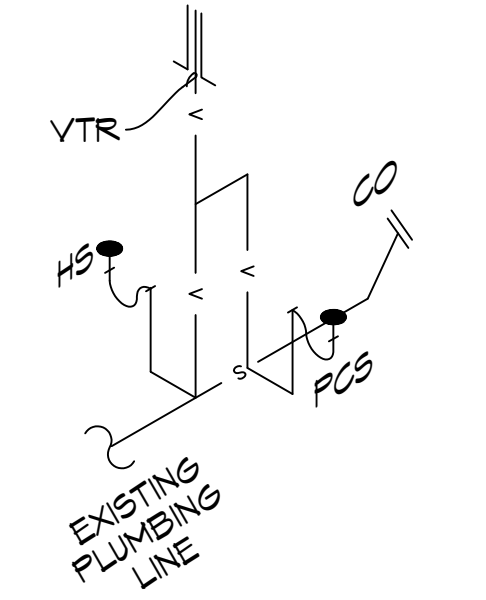
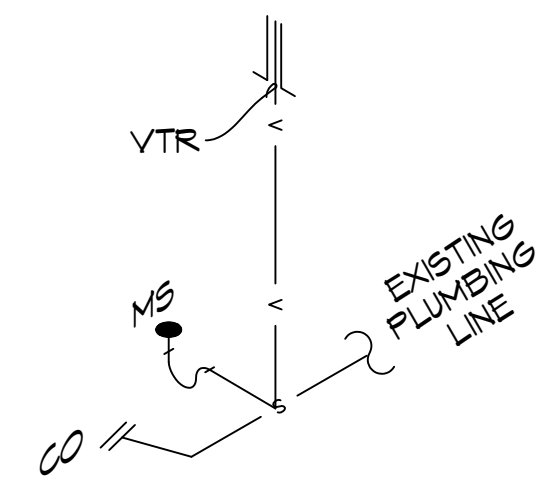
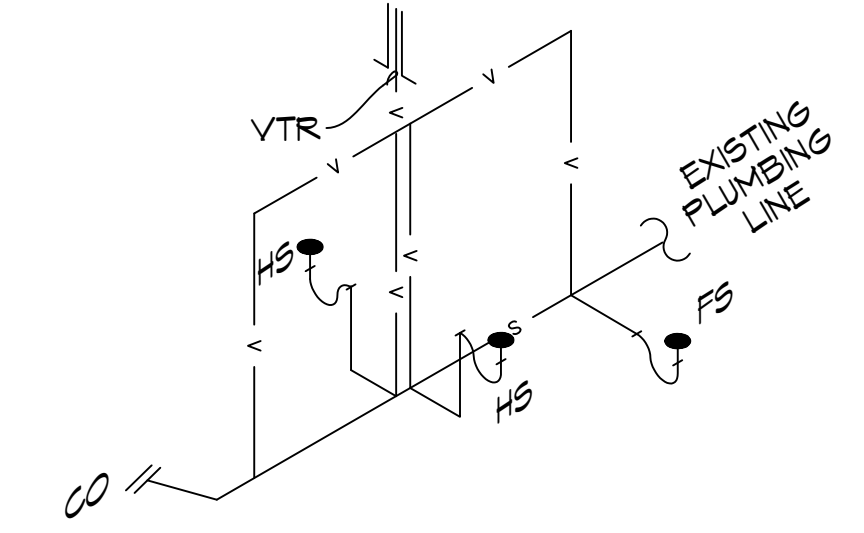
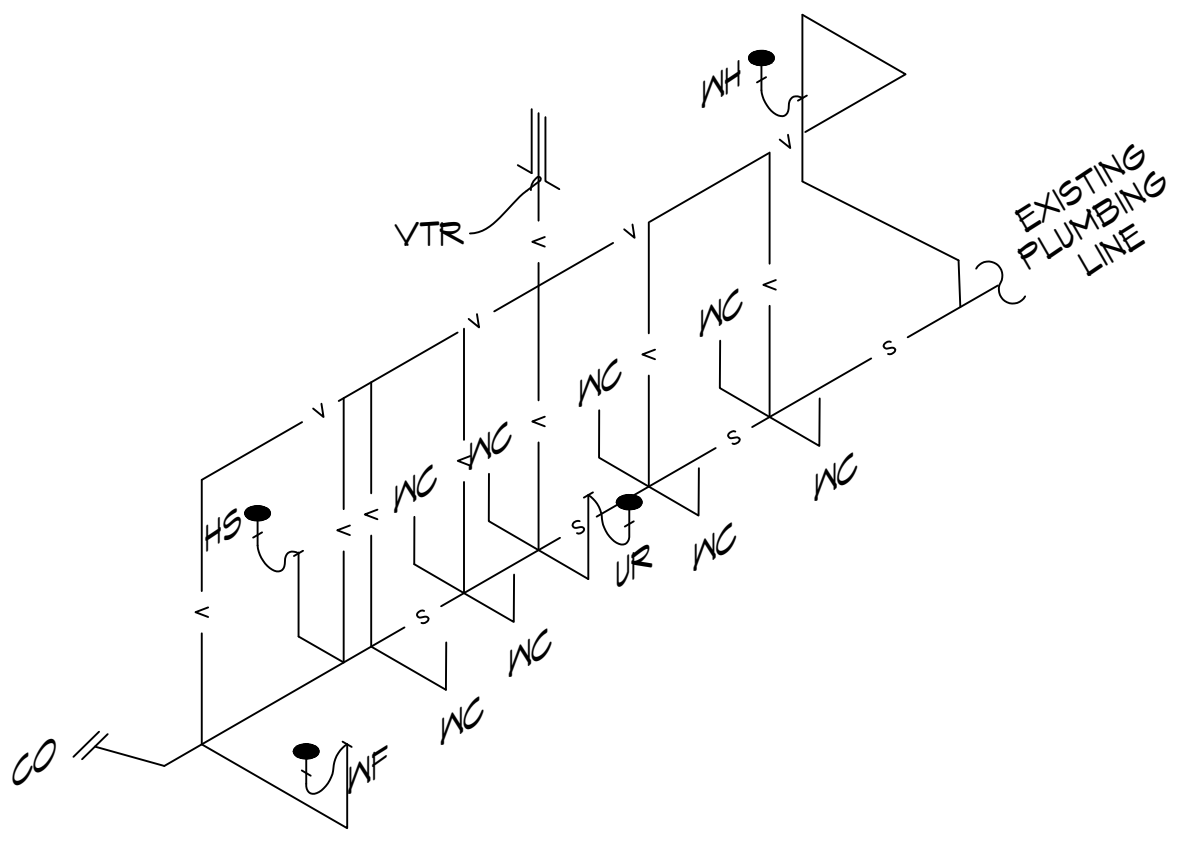
SHEET TITLE:
SITE PLAN
DRAWING NUMBER:
C101
SHEET No: 2 of 7



(A) WATER HEATER DETAIL



(B) HUB DRAIN DETAIL



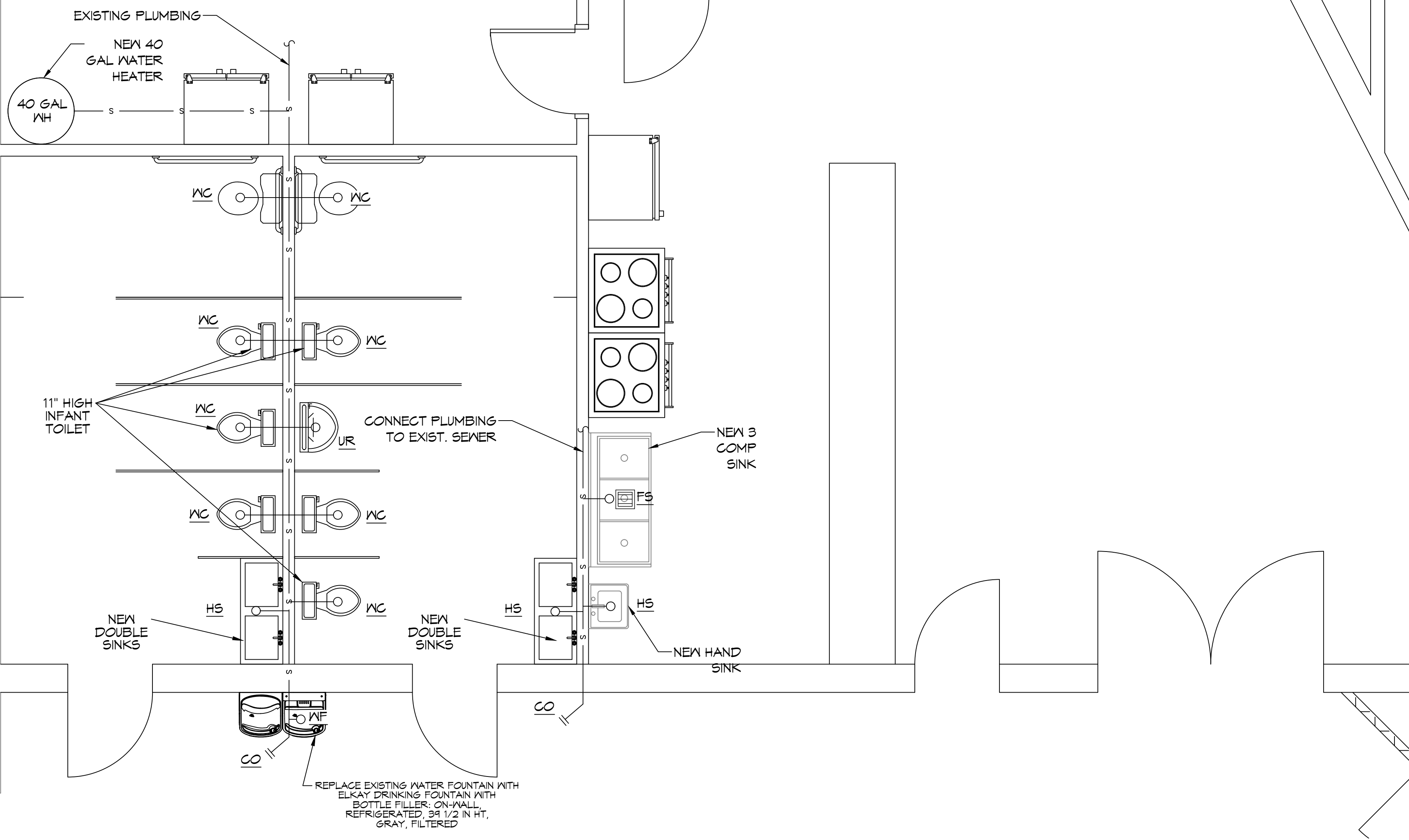
TYPICAL DETAILS
 SCALE: NTS

RESTROOM RISER
 SCALE: NTS

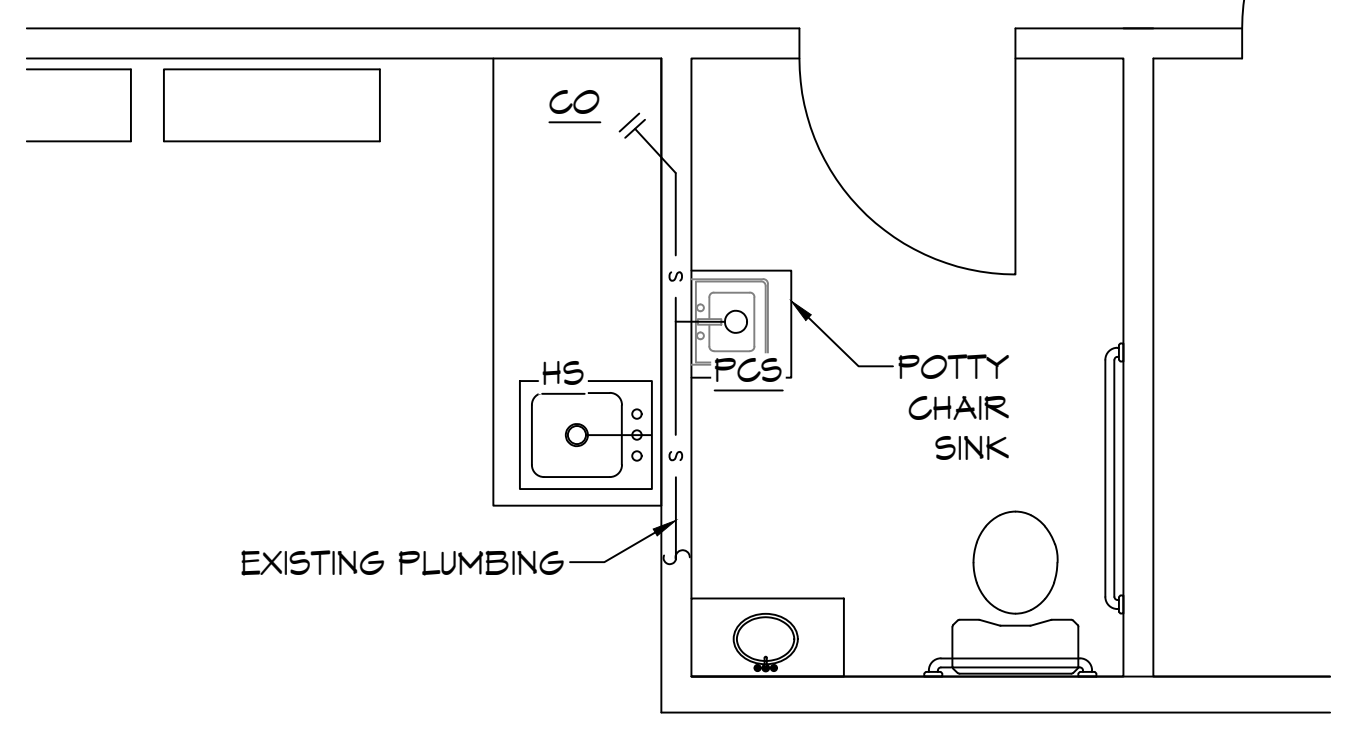
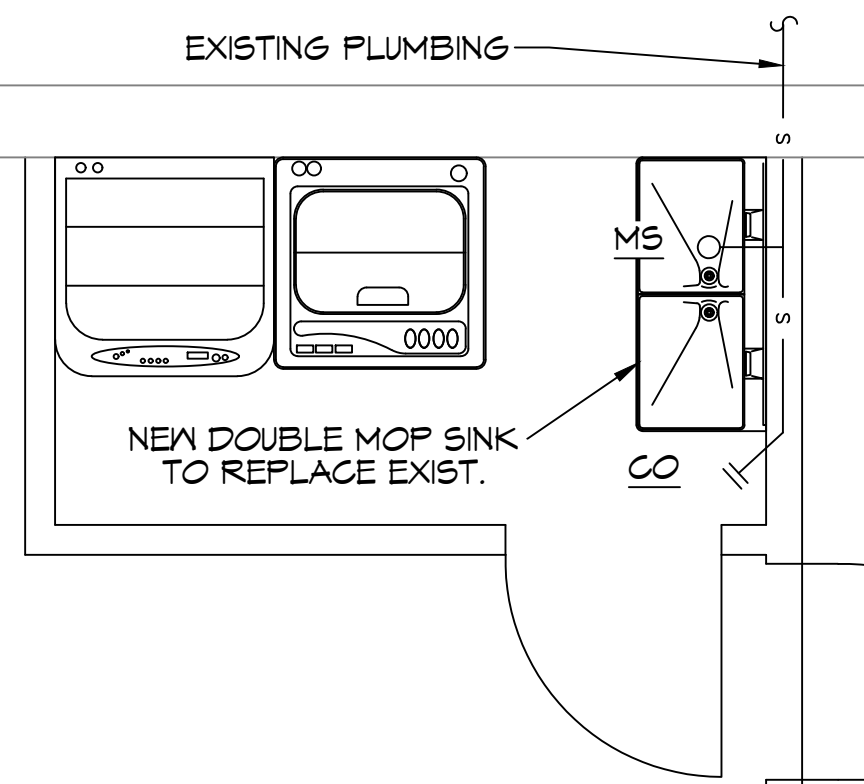
KITCHEN RISER
 SCALE: NTS

MOP SINK RISER
 SCALE: NTS

POTTY CHAIR RISER
 SCALE: NTS



12 WARMING KITCHEN PLUMBING PLAN
 SCALE: 3/8" = 1'-0"



13 POTTY CHAIR PLUMBING PLAN
 SCALE: 3/8" = 1'-0"

GENERAL PLUMBING NOTES

1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
2. 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.
3. 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.
4. 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.
5. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
6. 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.
7. TEST ALL PIPING AT REQUIRED PRESSURE.
8. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
9. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
10. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
11. 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.
12. 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.
13. 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.
14. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
15. 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.)
16. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

GENERAL PLUMBING FIXTURE NOTES

1. ALL WORK SHALL CONFORM TO INTERNATIONAL PLUMBING CODE
2. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
3. PROVIDE ACCESS PANELS IN WALLS FOR ALL CLEANOUTS.
4. SIZE WATER PIPING FOR EACH FIXTURE GROUP PER SCHEDULE.
5. PROVIDE BALL VALVES AT ALL FIXTURE GROUPS TO ISOLATE WATER SUPPLIES.
6. PROVIDE AIR CHAMBERS ON HOT & COLD WATER AT EACH FIXTURE GROUP.
7. SIZE SEWER AND VENT PIPING PER PLUMBING FIXTURE TABLES.
8. MINIMUM VENT THRU ROOF SHALL BE 2"
9. PROVIDE 3/4" COLD WATER TO EACH ICE MACHINE, COFFEE MACHINE, AND DRINK MACHINES WITH WALL BOX AND SHUT OFF VALVE.
10. MINIMUM WATER PIPING SIZE TO SHOWER SHALL BE 1-1/4"
11. MINIMUM WATER PIPING SHALL BE 3/4"
12. MINIMUM SEWER FOR WATER CLOSET GROUP SHALL BE 4"
13. MINIMUM VENT FOR WATER CLOSET GROUP SHALL BE 3"

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	TYPE	ROUGH - IN - SIZE				NOTES
			WASTE	VENT	COLD	HOT	
WC	WATER CLOSET	VALVE	4"	3"	1-1/2"	-	3
LAV	LAVATORY	WALL HUNG	2"	2"	3/4"	3/4"	1,2,3
FD	FLOOR DRAIN	-	3"	2"	-	-	4
FS	FLOOR SINK	-	3"	2"	-	-	1
HS	HAND SINK	-	3"	2"	3/4"	3/4"	1,2,3
MS	MOP SINK	-	3"	2"	3/4"	3/4"	-
WH	WATER HEATER	-	3/4"	2"	3/4"	3/4"	-
AHU	AIR HANDLER DRAIN	-	3/4"	2"	-	-	-

- NOTES:
1. INSULATE PIPING FOR HANDICAP FIXTURE.
 2. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURE.
 3. HANDICAP FIXTURE
 4. INSTALL CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.
 5. PROVIDE ASSE 1016 COMPLIANT VALVE

ALL SANITARY SEWER ARE DIAGRAMMATICALLY DRAWN FOR CLARITY.

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REVISIONS	DATE



NEW DAYCARE
 1ST IMPRESSIONS ICDC
 3127 PONTCHARTRAIN DR.
 SLIDELL, LA 70458
 JOB No: 2500 DATE: 09-11-2024
 DRAWN BY: CKD CHECKED BY: BAM

SHEET TITLE:
 PLUMBING PLAN
 DRAWING NUMBER:
P101
 SHEET No: 1 of 1