

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	
EDUCATIONAL GROUP E	(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

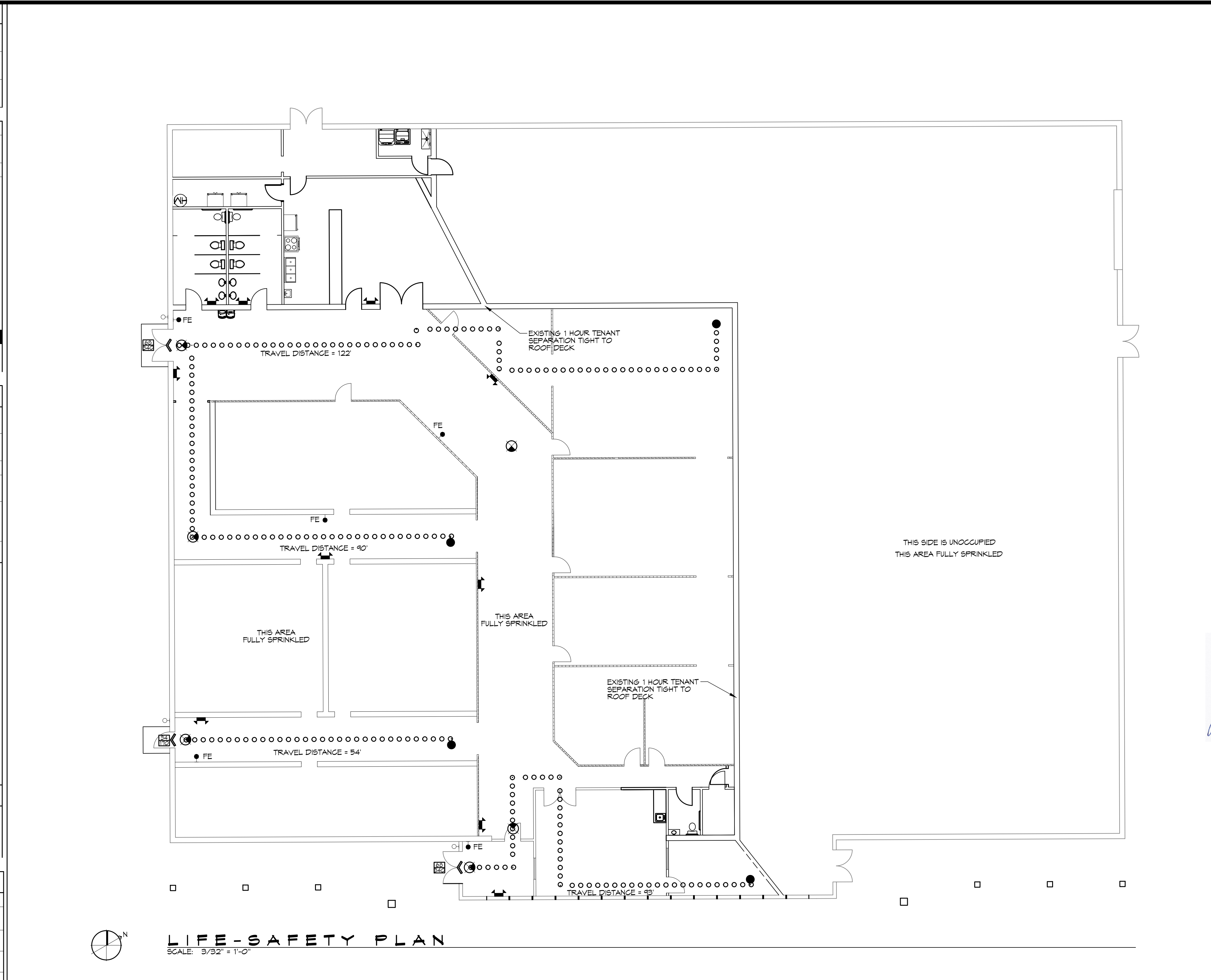
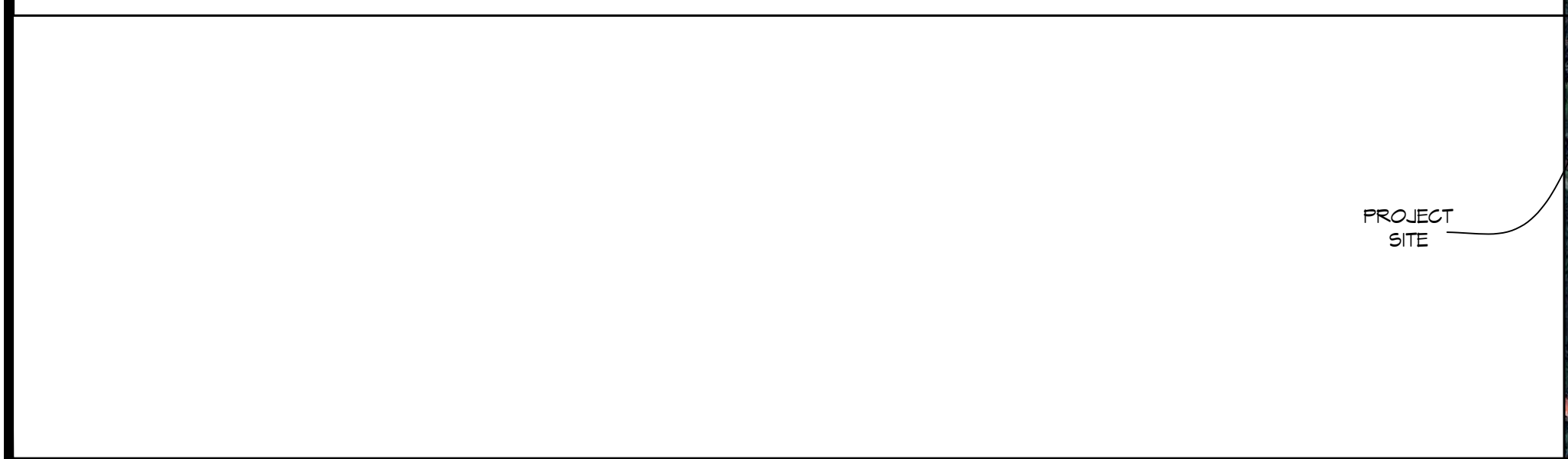
WIND SPEED DESIGN REQUIREMENTS	
THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:	
WIND DESIGN DATA:	
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY	
WIND SPEED (VIT (3 SECOND GUST) =	142 MPH (IBC FIG 1609.3(1))
NOMINAL DESIGN WIND SPEED V ₅₀ d =	110 MPH (V ₅₀ d 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

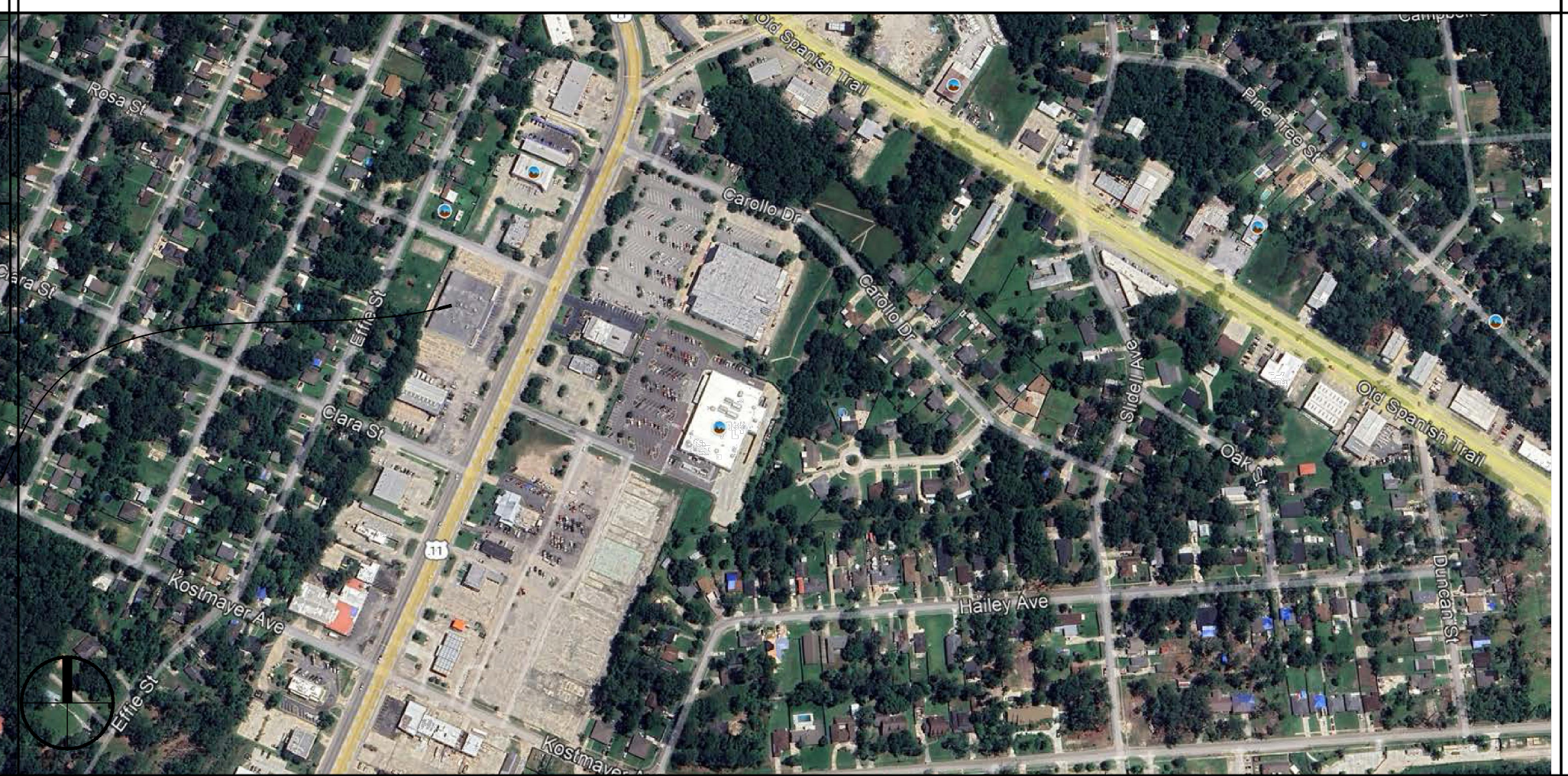
LIFE-SAFETY LEGEND	
SYMBOL	DESCRIPTION
>	EXITS
(45)	DOOR FIRE RATING (MINUTES)
(36/172)	DOOR WIDTH/EGRESS CAPACITY
⊙	EXIT LIGHT
• FE	FIRE EXTINGUISHER W/ WALL MTD BRACKET
—	COMMON PATH OF TRAVEL
••••••••••	TRAVEL DISTANCE
•	DECISION POINT

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.



VICINITY MAP



SHEET INDEX

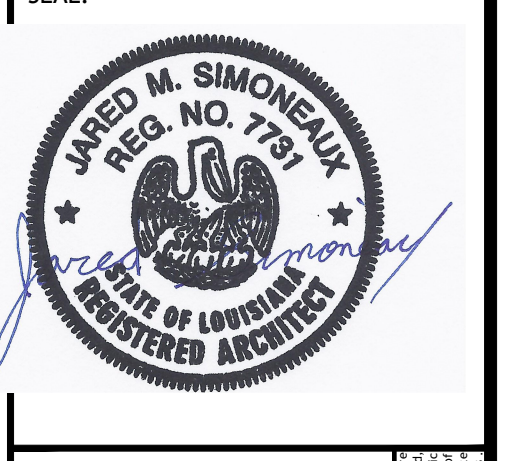
SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
C101	SITE PLAN
D101	DEMOLITION PLAN
A101	FLOOR PLAN
A102	EXTERIOR ELEVATIONS
E101	POWER & LIGHTING PLAN
P101	PLUMBING PLAN

GENERAL NOTES

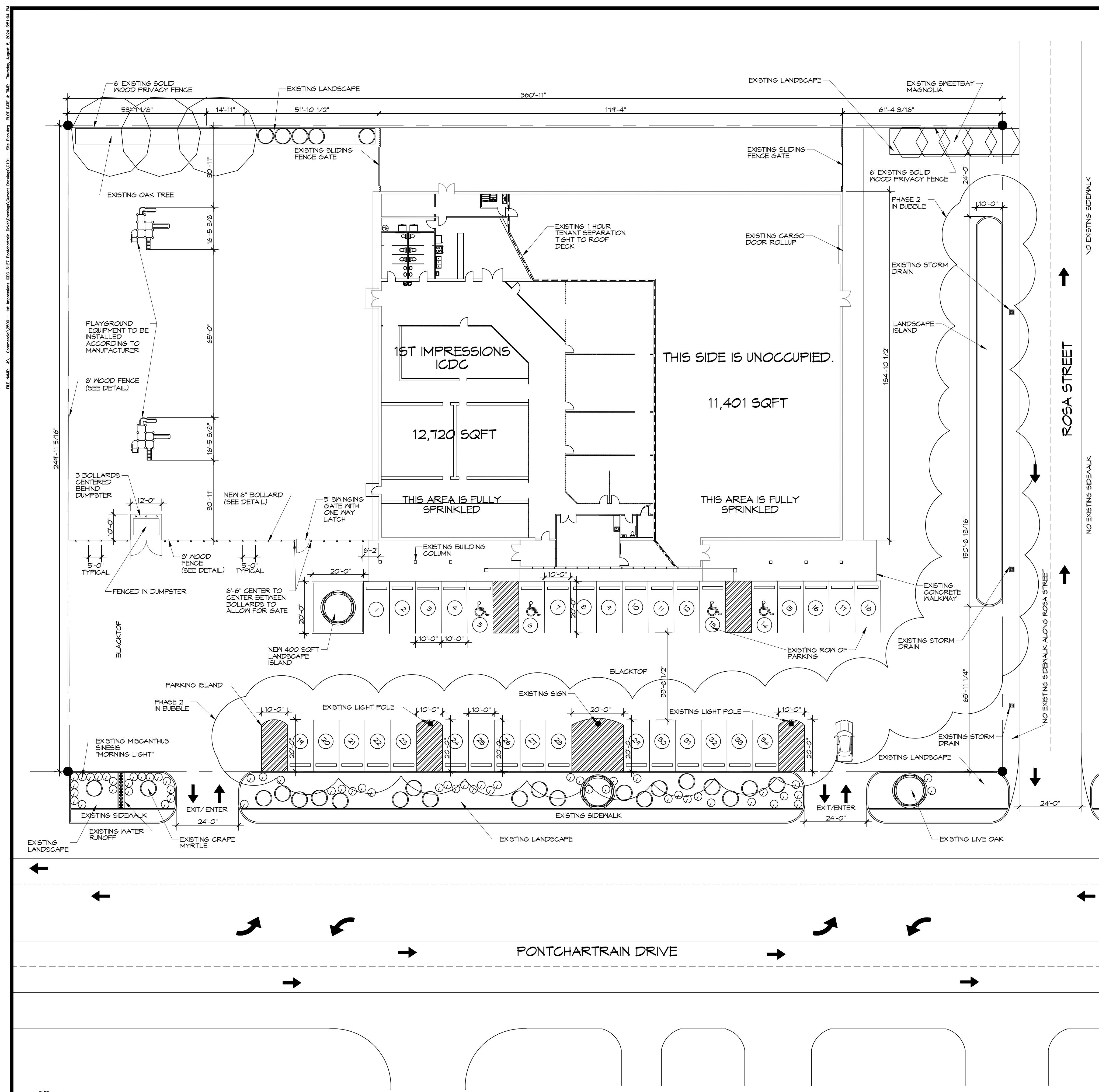
- ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
- THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH 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.

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Chief Engineer: Brian Alstich, PE
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PH: 985-649-5832

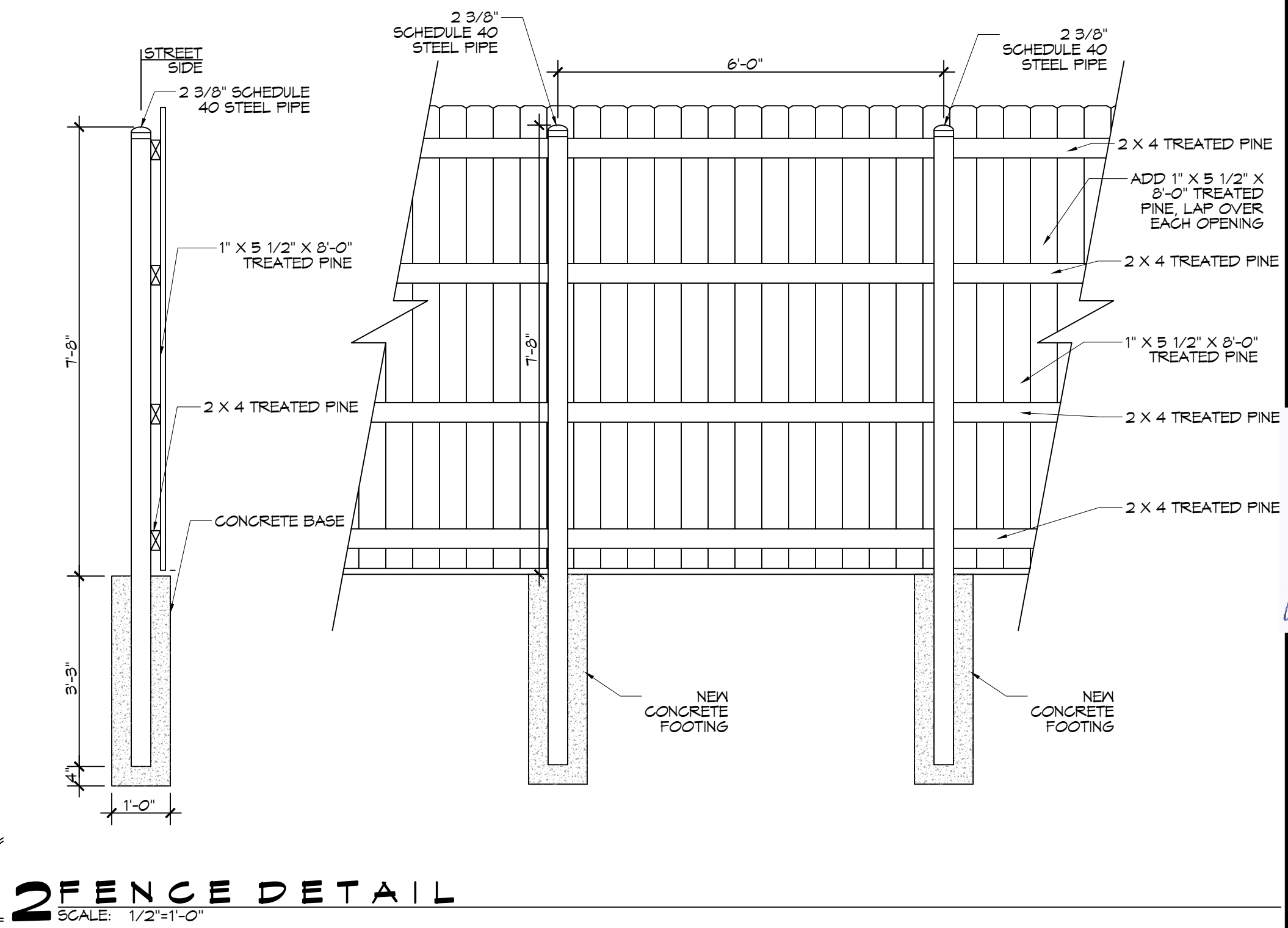
REVISIONS	DATE
# DESCRIPTION	



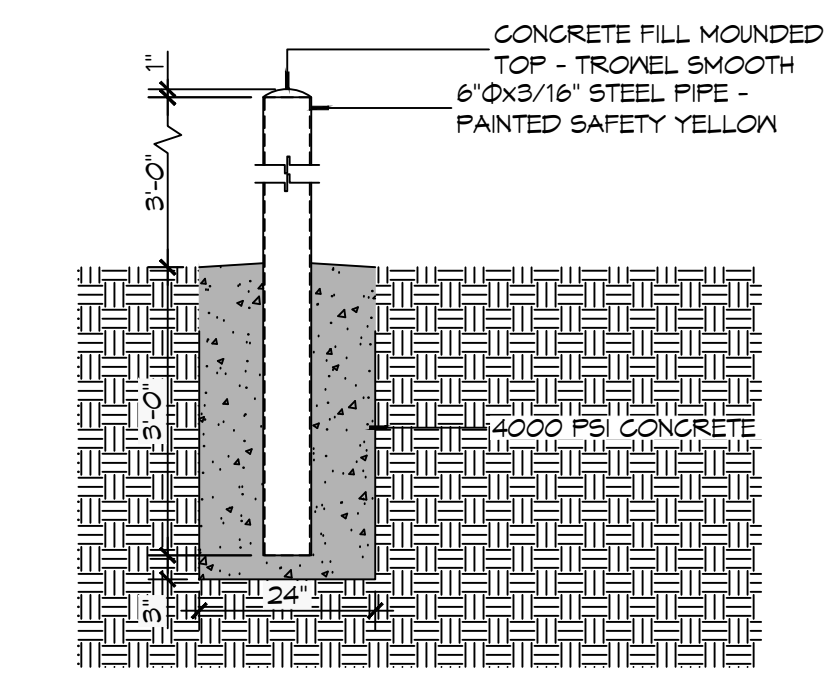
NEW DAYCARE
1ST IMPRESSIONS ICDC
3127 PONTCHARTRAIN DR.
SLIDELL, LA 70458
JOB No: 06-09-2024
DATE: 06-09-2024
DRAWN BY: JMB
CHECKED BY: CRD
SHEET TITLE: GENERAL INFORMATION SHEET
DRAWING NUMBER: **G101**
SHEET No: 1 of 7



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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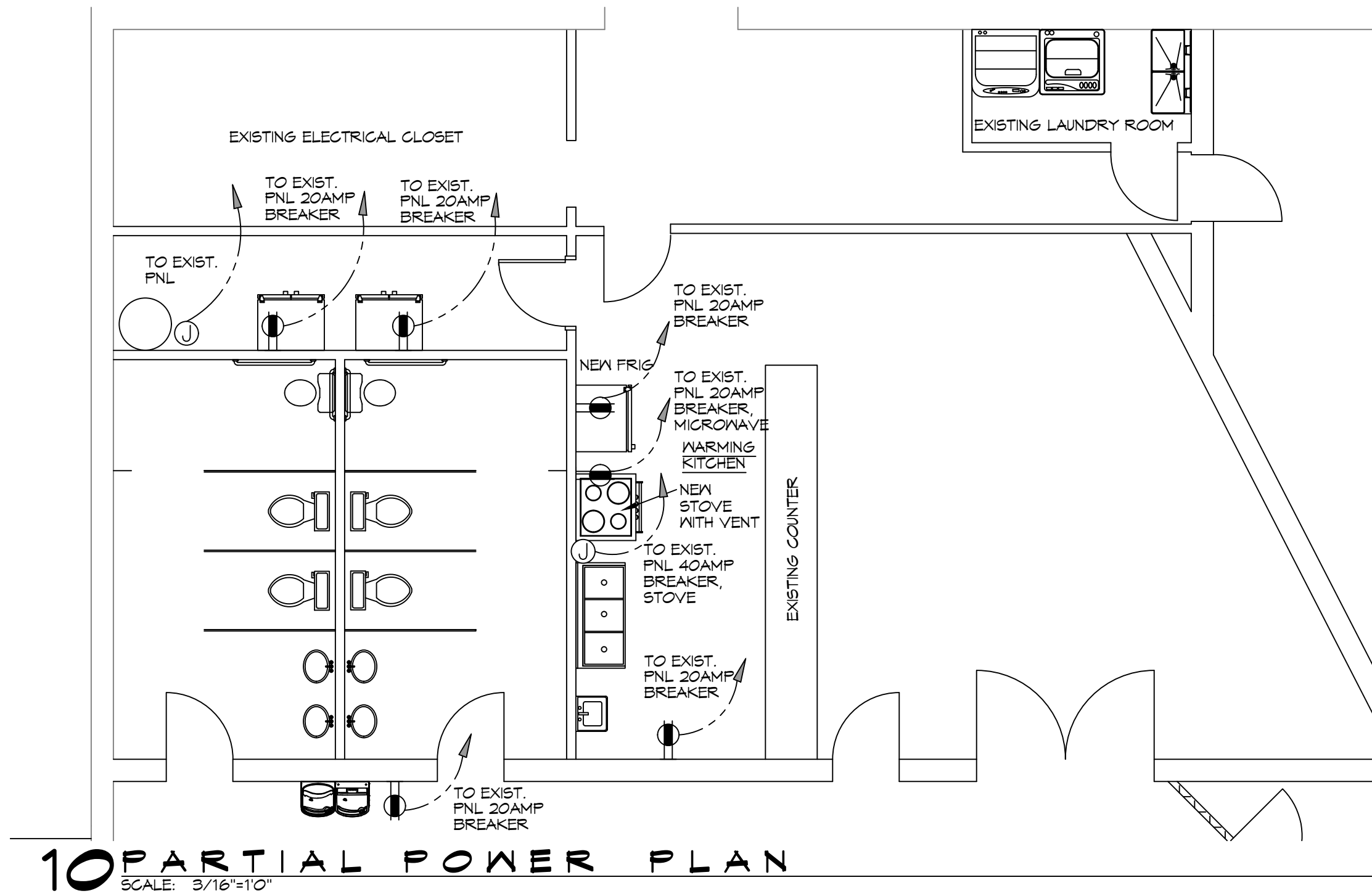
#	DESCRIPTION	DATE

SEAL: **JARED M. SIMONEAUX**
REG. NO. 1731
REGISTERED ARCHITECT
STATE OF LOUISIANA

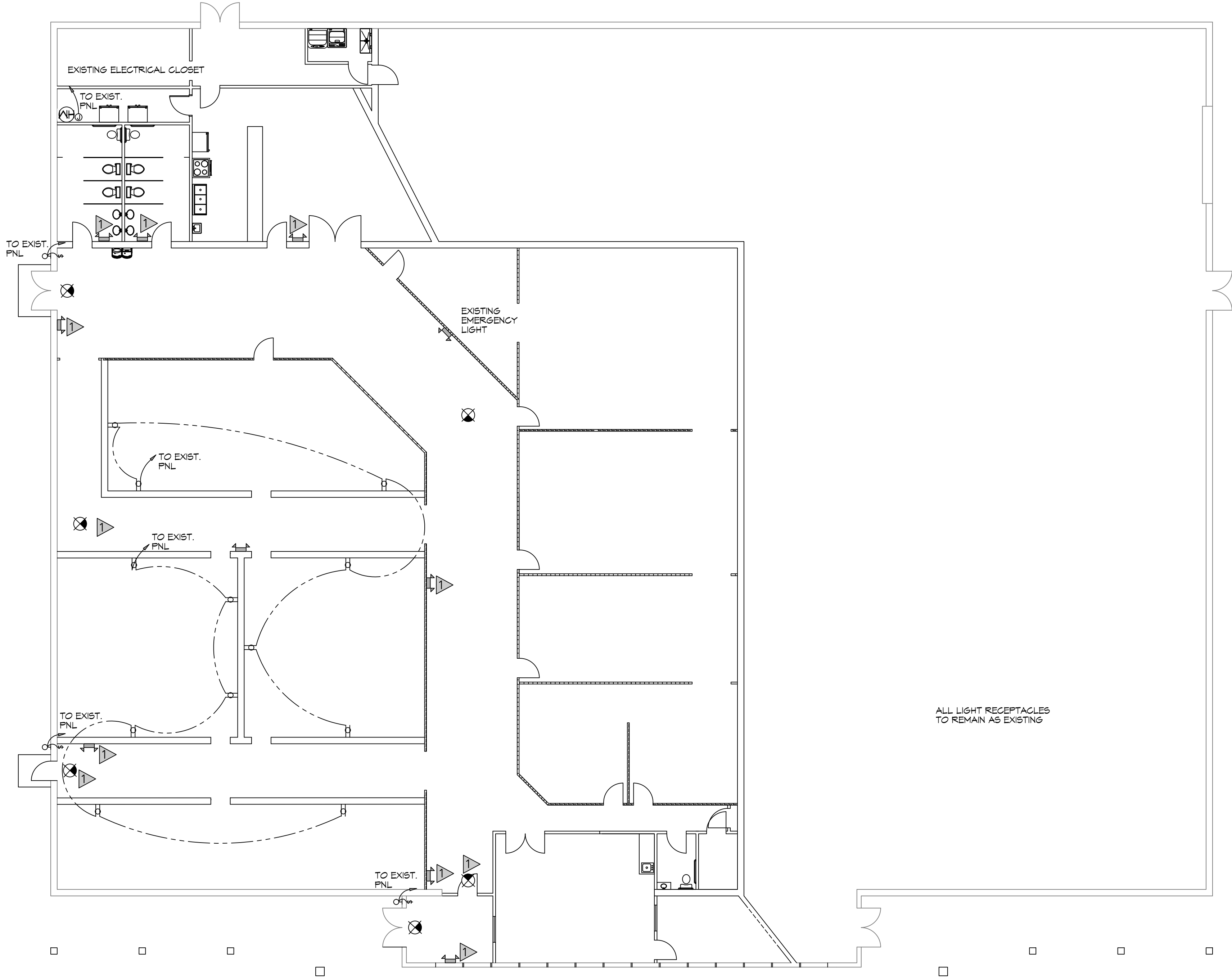
NEW DAYCARE
1ST IMPRESSIONS ICDC
3127 PONTCHARTRAIN DR.
SLIDELL, LA 70459
JOB No: 2500 DATE: 08-20-2024
DRAWN BY: JWS
CHECKED BY: CKD

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

FILE NAME: J:_Compressed\3000 - 1st Impressions\000-132-1st Impressions - 3127 Pontchartrain Drive\000-132-1st Impressions - Power Plan.dwg
 PLOT DATE: 8/20/24
 PLOT TIME: 10:58:10 AM
 PLOT BY: Brian Mistich, PE



10 PARTIAL POWER PLAN
SCALE: 3/16"=1'0"



11 PARTIAL POWER AND LIGHTING PLAN
SCALE: 3/32"=1'0"

LEGEND

- GFCI DUPLEX RECEPTACLE
- GFCI DUPLEX RECEPTACLE TAMPER RESISTANT OUTLETS
- EXIT LIGHT W/BATTERY WITH 90 MINUTE BACKUP
- EXIT SIGN W/BATTERY WITH 90 MINUTE BACKUP
- EXTERIOR WALL MOUNT LIGHT WITH 90 MINUTE BACK UP
- SINGLE POLE LIGHT SWITCH

KEYED NOTES

1. PROVIDE CONNECTION TO UN-SWITCHED HOT OF LIGHTING CIRCUIT AND SHALL HAVE 90 MINUTE EMERGENCY BATTERY BACKUP.

GENERAL POWER NOTES

1. 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.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. 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.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. 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.
7. 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.
8. 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 AND ALL ASSEMBLY OCCUPANCIES. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
9. DROP/SUSPENDED CEILINGS - ALL WIRING ABOVE DROP/SUSPENDED CEILINGS SHALL BE PROTECTED FROM PHYSICAL DAMAGE WITH EMT, IN METAL STUD CONSTRUCTION, OR SCHEDULE 40 PVC, IN WOOD FRAME CONSTRUCTION. 6 FT LENGTH OF MC CABLE FOR EQUIPMENT WHIP(S) IS ALLOWED ABOVE DROPPED CEILING FROM A J-BOX TO LIGHT FIXTURES.
10. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
11. 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.
12. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF. ALL RECEPTACLES IN A KITCHEN AREA SHALL HAVE GROUND FAULT PROTECTION.
13. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPA 70:250-23, 250-11 & 250-72.
14. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
15. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
16. 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.
17. 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.)
18. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.

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#	DESCRIPTION	DATE



NEW DAYCARE
1ST IMPRESSIONS ICDC
 3127 PONTCHARTRAIN DR.
 SLIDELL, LA 70458
 JOB No: 2500
 DATE: 09-05-2024
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]

SHEET TITLE:
POWER AND LIGHTING PLAN
 DRAWING NUMBER:
E101
 SHEET No: 6 of 7

