

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)
TBOB GROSS S.F. 35 SF PER OCCUPANT = 214	
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	FULLY SPRINKLED AND FIRE ALARM
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	1,503 SQ FT 35 SF PER OCCUPANT (GROSS) 214
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 _{50ft} =	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 LSU FLOOD MAP, THIS PROPERTY IS NOT IN SPECIAL FLOOD HAZARD AREA

FIRM, COMMUNITY NO. 22103C0515 F DATED 04/30/2008

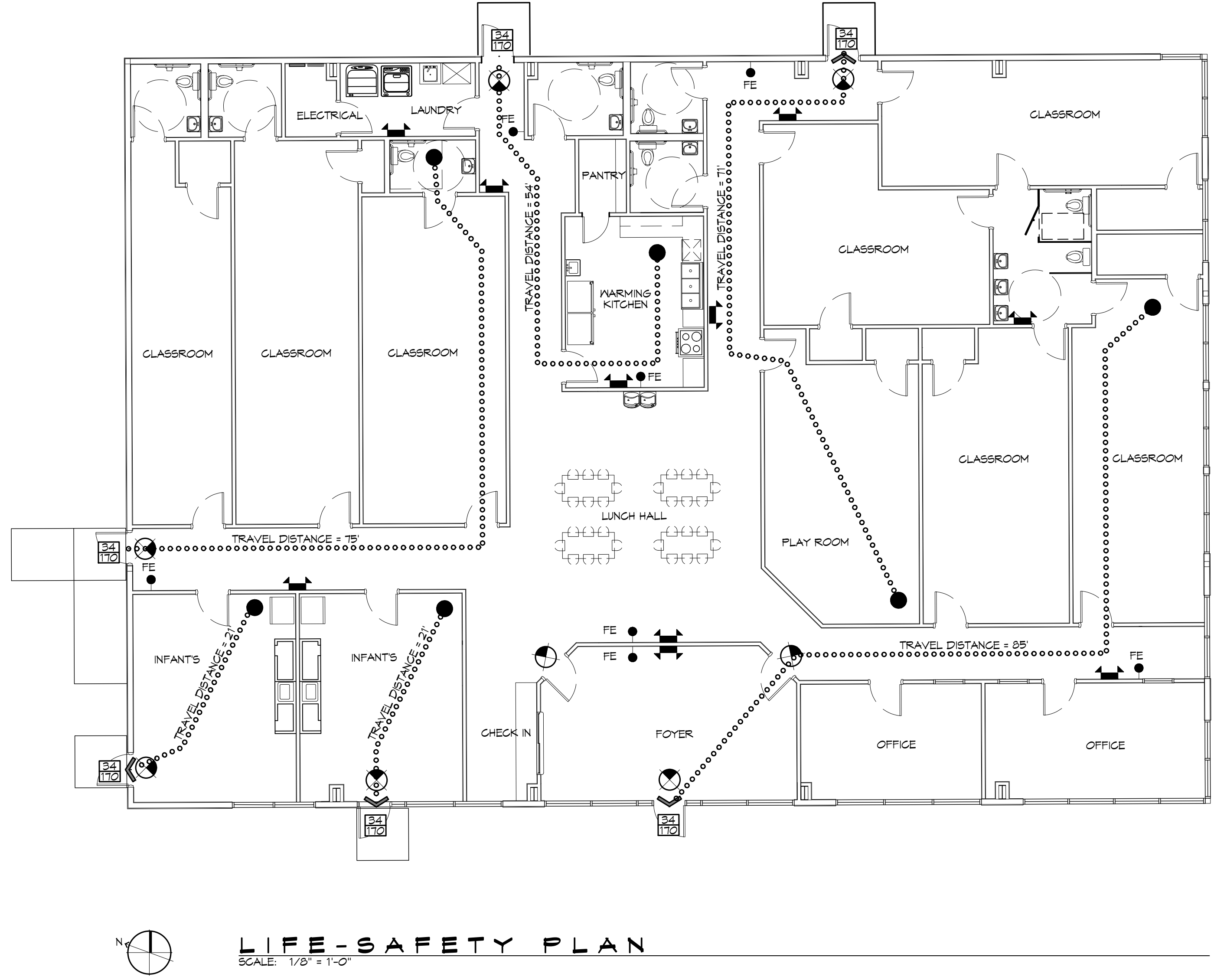
FLOOD ZONE: N/A BASE FLOOD ELEVATION: N/A

LIFE-SAFETY LEGEND

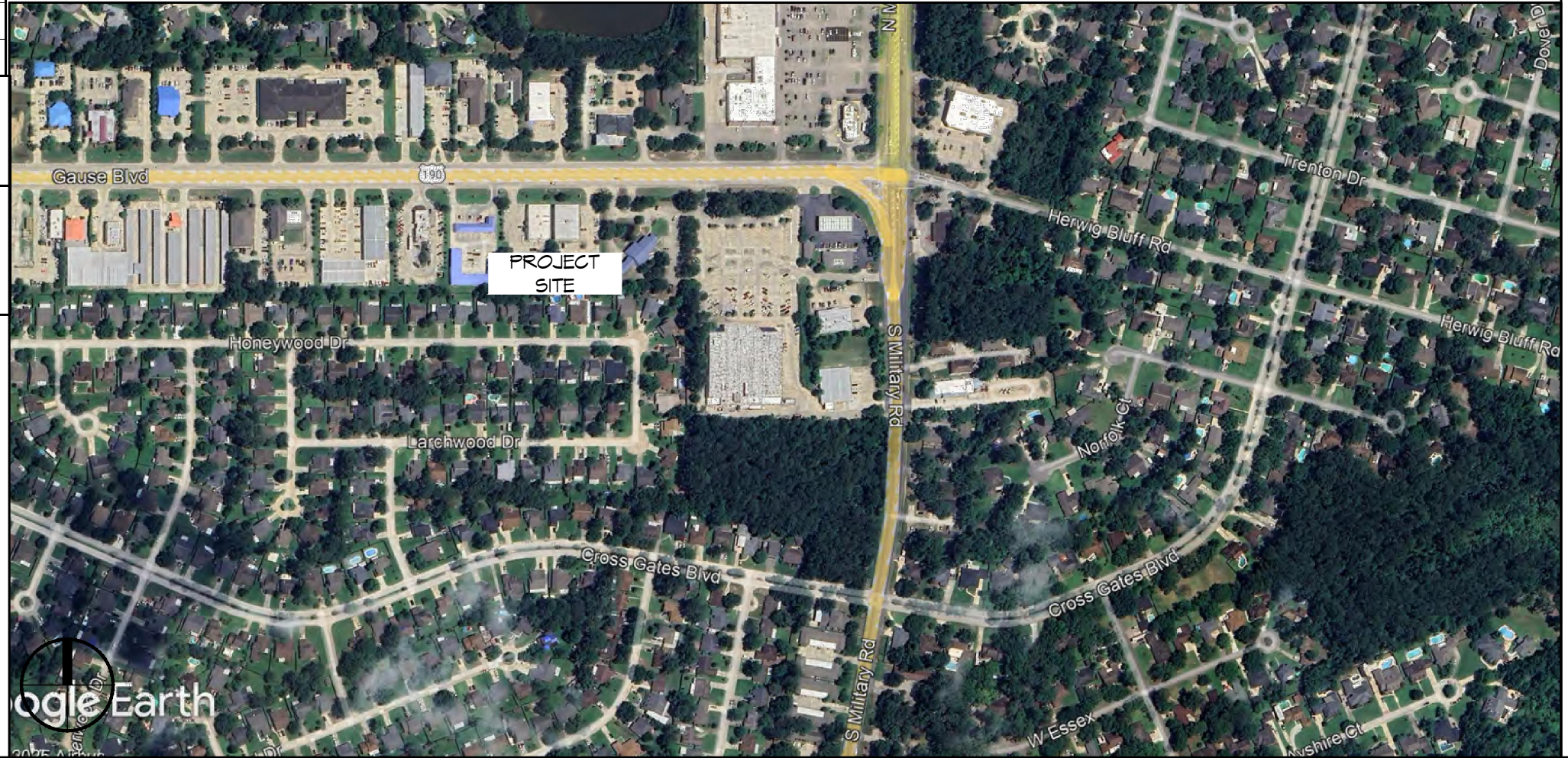
SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER IV WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT

PROJECT DESCRIPTION

THIS IS AN EXISTING 7,503 SQ. FT. BUILDING THAT WAS A MEDICAL OFFICE. THE NEW OCCUPANT WILL BE A DAYCARE



VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
G102	ACCESSIBILITY INFORMATION
C101	PROPOSED SITE PLAN
C102	EXISTING DRAINAGE PLAN
D101	DEMOLITION PLAN
A101	FLOOR PLAN
A102	REFLECTED CEILING PLAN
P101	PLUMBING PLAN
P102	PLUMBING RISER AND DETAILS
M101	MECHANICAL PLAN
E101	POWER PLAN
E102	LIGHTING PLAN
E103	PANEL SCHEDULE

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.

LOUISIANA & MISSISSIPPI

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REVISIONS	DATE



NEW DAYCARE THREE PEAS IN A POD EARLY LEARNING CENTER

SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

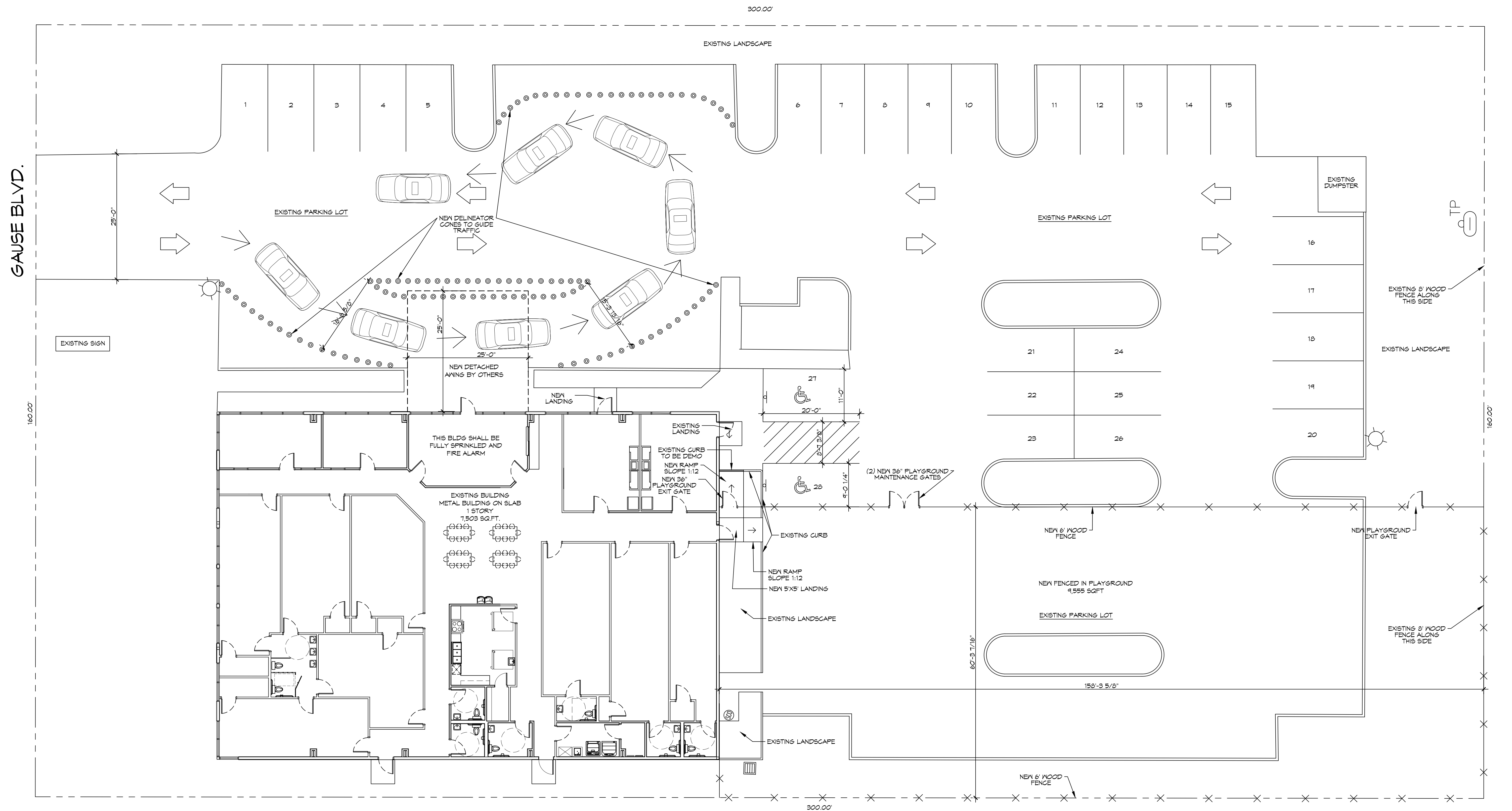
SHEET No: 1 of 13

THE NAME, ADDRESS, COMMERCIAL OR RESIDENTIAL DISTRICT, AND ZONING DISTRICT OF THE PROPERTY SHOWN ON THIS PLAN IS AS SHOWN ON THE RECORD PLANS AND SURVEY MAPS OF THE PARISH OF ORLEANS, LOUISIANA, AND IS NOT TO BE CONSIDERED A GUARANTEE OF THE ACCURACY OF THE INFORMATION SHOWN HEREON.

PARKING REQUIREMENTS
DAY CARE CENTERS REQUIRE MINIMUM OF 5 SPACES PLUS 1 FOR EVERY EMPLOYEE ON DUTY
5 SPACES
20 EMPLOYEES ON DUTY
25 PARKING SPACES REQUIRED
26 REGULAR PARKING SPACES PROVIDED
2 HANDICAP PARKING SPACES PROVIDED
TOTAL PARKING SPACES PROVIDED 28

PLANNING
ZONING DISTRICT - HC2 HIGHWAY COMMERCIAL
BUILDING SQUARE FOOTAGE
TOTAL BUILDING 7,503 SQ. F.T.
FLOOD ZONE
THIS PROPERTY IS NOT IN SPECIAL FLOOD HAZARD AREA

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REVISIONS	DATE
1	



NEW DAYCARE
THREE PEAS IN A POD EARLY LEARNING CENTER
 2965 GAUSE BLVD
 SLIDELL, LA 70461
 JOB No: 2511 DATE: 12-01-2025
 DRAWN BY: JWS CHECKED BY: LJP

SHEET TITLE:
PROPOSED SITE PLAN

DRAWING NUMBER:
C101
 SHEET No: 3 of 13

1 PROPOSED SITE PLAN
 SCALE: 1" = 10'-0"

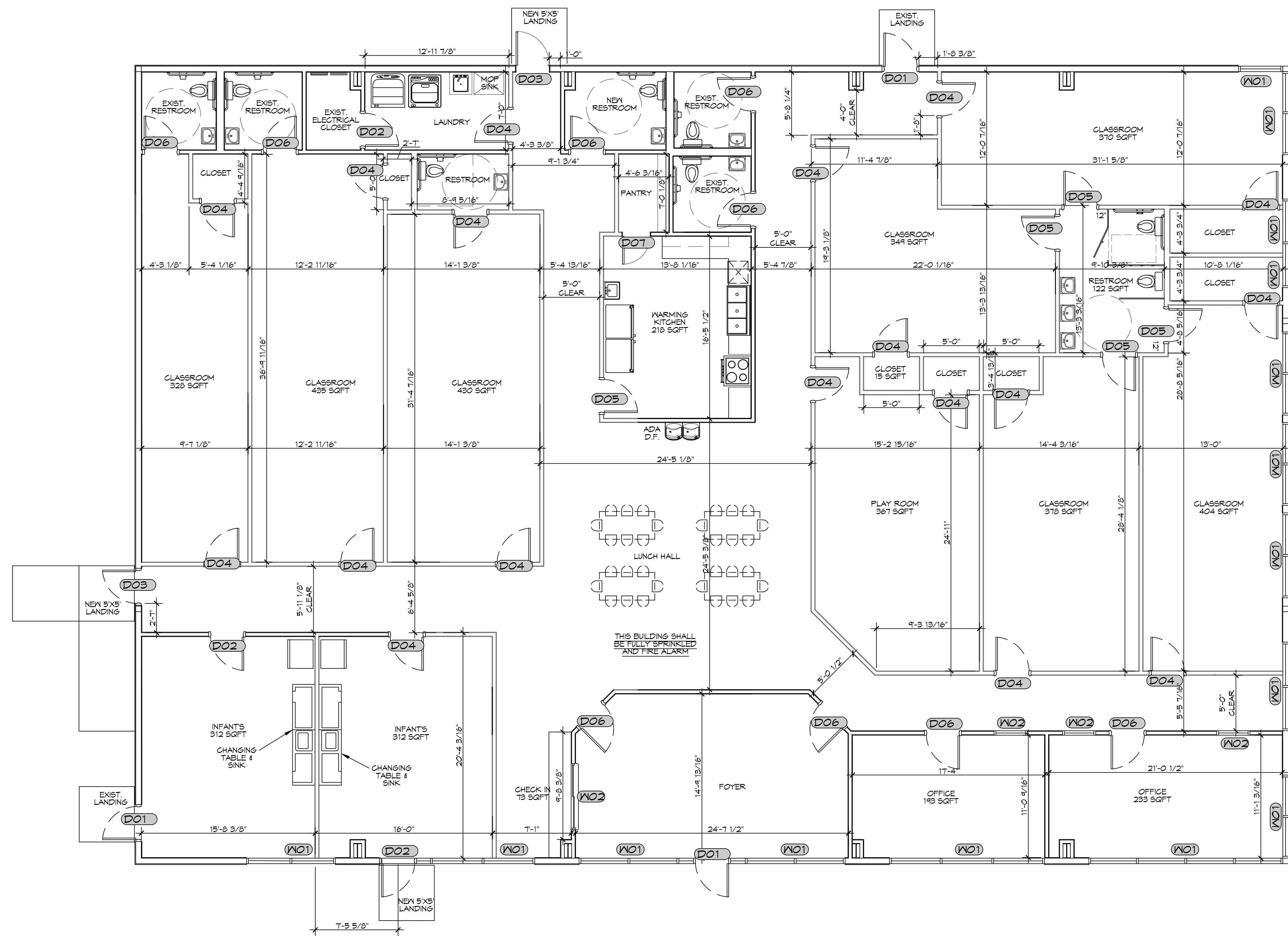
WINDOW SCHEDULE						
MK	WIDTH	HEIGHT	TYPE	FRAME	FR	REMARKS
W01	N/A	N/A	STORE FRONT	ALUM	NR	EXISTING TO REMAIN WITH NEW WINDOW TINTING
W02	N/A	N/A	SLIDING	ALUM	NR	EXISTING TO REMAIN

DOOR SCHEDULE							
MK	WIDTH	HEIGHT	THK	DOOR MAT	FRAME	FR	REMARKS
D01	6'-0"	6'-8"	1-3/4"	STEEL/GLASS	MTL	NR	EXISTING EXTERIOR DOOR, ADD CLOSURE
D02	3'-0"	6'-8"	1-3/4"	WOOD	MTL	NR	EXISTING INTERIOR DOORS
D03	3'-0"	6'-8"	1-3/4"	STEEL/GLASS	N/A	N/A	NEW EXTERIOR DOOR, ADD CLOSURE
D04	3'-0"	6'-8"	1-3/4"	WOOD	MTL	NR	NEW INTERIOR DOOR
D05	3'-0"	6'-8"	1-3/4"	WOOD	MTL	NR	NEW INTERIOR DOOR WITH CLOSER
D06	3'-0"	6'-8"	1-3/4"	WOOD	MTL	NR	EXISTING INTERIOR DOOR, ADD CLOSER
D07	2'-6"	6'-8"	1-3/4"	WOOD	MTL	NR	NEW INTERIOR DOOR

GENERAL NOTES

- INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF IBC 2021 SECTION 120.
- ALL MATERIALS SHALL BE NEW AND UL LISTED.
- NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
- CONSTRUCTION SHALL COMPLY WITH ALL PARISH, STATE, AND LOCAL CODES.
- CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
- CONTRACTOR SHALL FURNISH WATER AND POWER FROM EXISTING SOURCES.
- EXTERIOR CAULKING SHALL BE THICK CAULK.
- PAINT SHALL BE SHERWIN WILLIAMS OR EQUIVALENT AND APPROPRIATE FOR THE SUBSTRATE TO WHICH IT IS APPLIED AS RECOMMENDED BY PAINT MANUFACTURER. ALL WORK TO RECEIVE THREE COATS (ONE PRIMER COAT, TWO FINISH COATS) UNLESS OTHERWISE RECOMMENDED BY PAINT MANUFACTURER. COLORS TO BE SELECTED BY OWNER.
- PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH SHALL BE STORED INSIDE BUILDING PREMISES.
- USE 2x6 STUDS, OR TWO 2x4 STAGGERED STUDS WITH 2x6 SILL PLATE AT ALL WALLS WHERE 4" PIPE IS INDICATED. SEE PLUMBING RISER DIAGRAM FOR PIPE SIZE.
- PROVIDE GALVANIZED METAL PAN WITH DRAIN AT ALL WATER HEATERS.
- ALL FLOORING SHALL MEET OR EXCEED ADA GUIDELINES REQUIREMENTS FOR SLIP RESISTANCE.
- INTERIOR LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL KNOWLEDGE, OR SPECIAL DEVICE TO OPEN IN THE DIRECTION OF EGRESS. ALL DOORS SHALL HAVE LEVER TYPE HANDLES.
- INTERIOR WALLS AND CEILING SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPED RATINGS OF 0-450, PER IBC 2015.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES COVERING THE TYPE OF WORK BEING PERFORMED.
- PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 101. SEE APPENDIX 'E' OF NFPA 101 FOR DISTRIBUTION OF EXTINGUISHERS.
- ALL FIRE WALLS SHALL EXTEND TIGHT TO ROOF DECK AND BE SEALED WITH AN APPROVED FIRE CAULK.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING MATERIALS PENETRATING FIRE WALLS 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.) SEAL ALL JOINTS, PENETRATIONS, AND ALL OTHER SUCH OPENINGS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE.
- SERVICE COUNTERS SHALL HAVE AN ACCESSIBLE WRITING SURFACE IN COMPLIANCE WITH ADAAGS ACCESSIBILITY GUIDELINES 2010, SECTION 902.3.

NOTE: ALL DOORS ARE TO BE FITTED WITH COMMERCIAL GRADE HARDWARE AND HANDLES. DOORS IN A REQUIRED MEANS OF EGRESS SERVING ANY ASSEMBLY AREA HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL NOT BE EQUIPPED WITH A LATCH OR LOCK OTHER THAN PANIC HARDWARE OR FIRE EXIT HARDWARE.



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

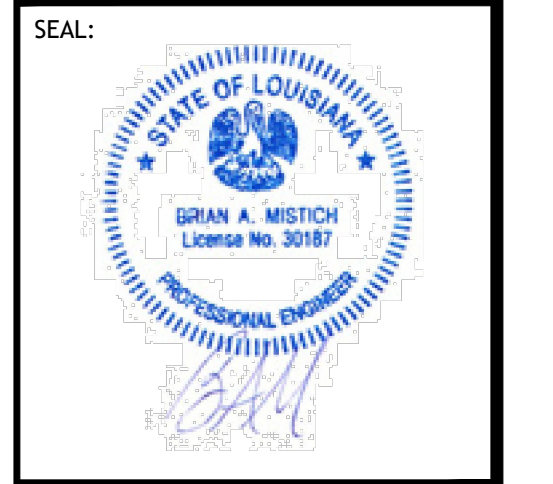
OVERALL PLAN

DAMMON ENGINEERING, INC.
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10139 31st Street
Slidell, LA 70458

NO.	DESCRIPTION	DATE



NEW DAYCARE
THREE PEAS IN A POD EARLY LEARNING CENTER

2465 GAUSE BLVD.
SLIDELL, LA 70461

JOB No: 25171 DATE: 12-01-2025
DRAWN BY: LJP CHECKED BY: JMS

SHEET TITLE:
PROPOSED FLOOR PLAN

DRAWING NUMBER:

A101

FILE NAME: J:_Commercial\Mechanical - Mechanical\Bldg. 3056 - Mechanical\Bldg. 3056 - 12-01-2025 - 3.10.25

Terminal Box Schedule						
Tag	Inlet Size (")	CFM	Inlet SP (in. wg)	kW Heat	Make / Model	Remarks
WVT-1	14	1700	0.5	5	Carrier 35EB	1
WVT-2	14	1100	0.5	5	Carrier 35EB	1
WVT-3	14	1250	0.5	5	Carrier 35EB	1
WVT-4	14	1200	0.5	5	Carrier 35EB	1
WVT-5	14	1250	0.5	5	Carrier 35EB or equal	2
WVT-6	14	1575	0.5	5	Carrier 35EB	1
WVT-7	14	1650	0.5	5	Carrier 35EB	1

- Existing air terminal box to be reused. Clean and inspect for damage. Replace in kind if damaged or if components are missing.
- Replace existing WVT-5 air terminal box (due to size).

DIFFUSER SCHEDULE					
TAG	SERVICE	NECK SIZE	DESCRIPTION		Remarks
A	Supply Air	Ref. Plan	24" x 24" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel		1, 2, 3
B	Supply Air	Ref. Plan	12" x 12" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel		1, 2, 3
C	Return Air	Ref. Plan	16" x 16" Perforated Return Air Diffuser, Price PDDR w/ Damper & Insulated Back Panel		1, 2, 3
D	Return Air	Ref. Plan	20" x 20" Perforated Return Air Diffuser, Price PDDR w/ Damper & Insulated Back Panel		1, 2, 3
R	Varies		Existing diffuser to be relocated / reused		4

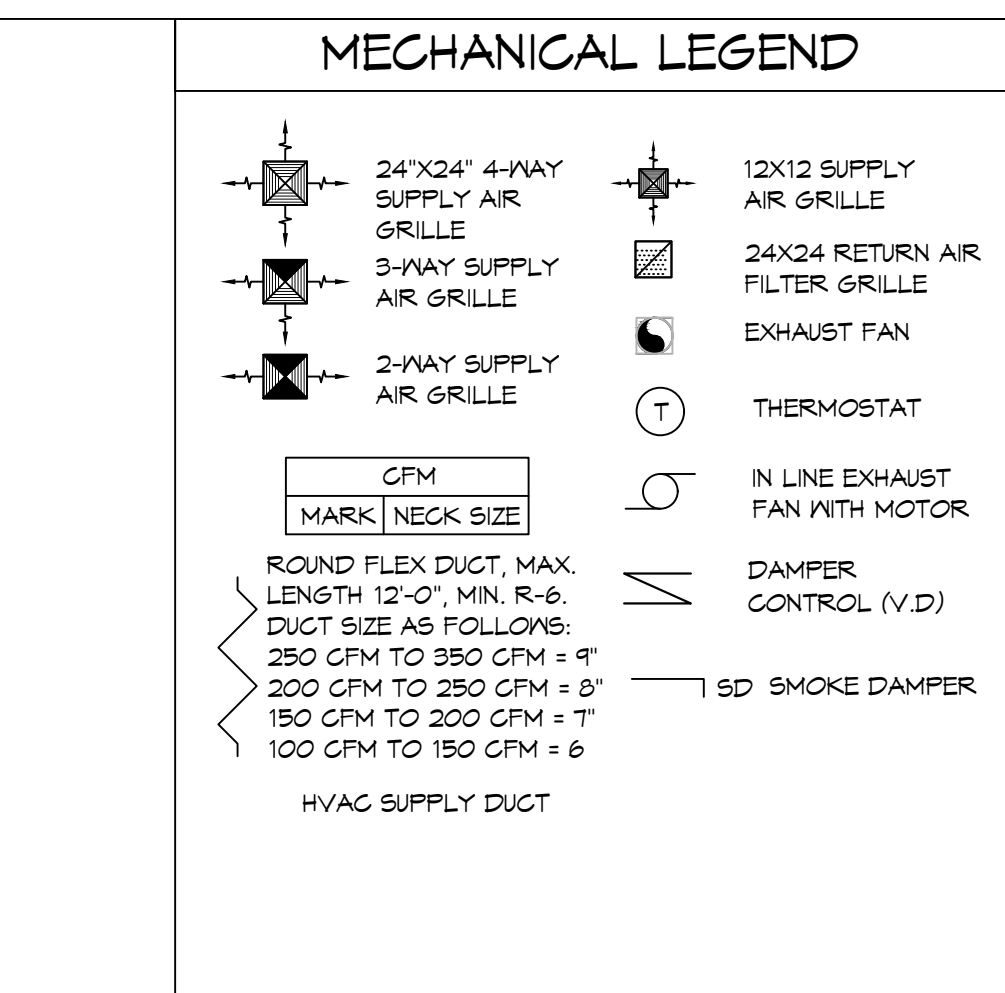
Exhaust Fan Schedule								
Tag	Fan	TSP (")	Volts	Phase	Hz	Watts	Make / Model	Remarks
EF-1	110	0.2	120	1	60	47.3	Broan A110	1, 2

- Install per Manufacturer's recommendations.
- Interlock with light switch.

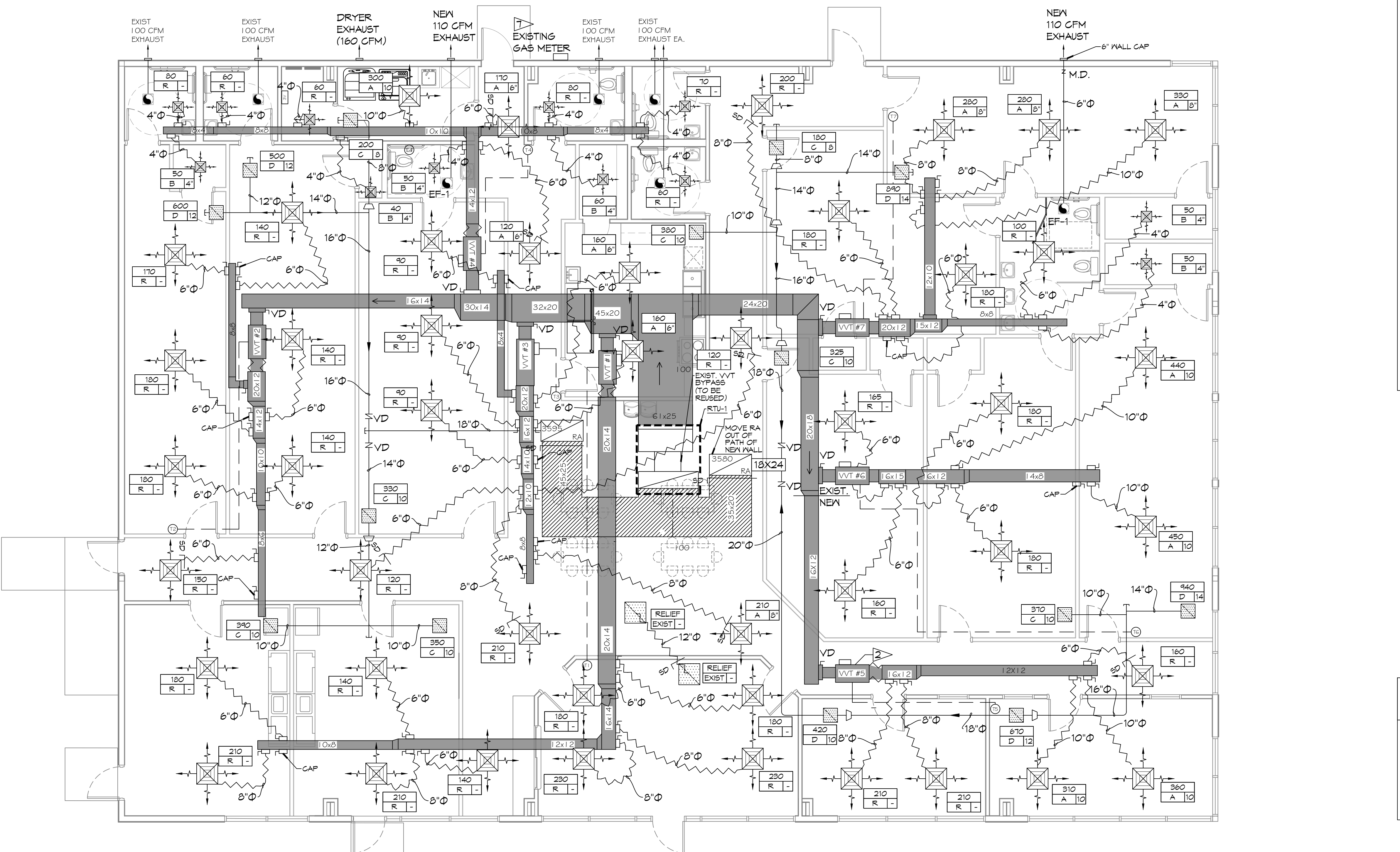
ROOFTOP SCHEDULE															
TAG	Make / Model	NOMINAL TONS	TOTAL CFM	VENTILATION AIR (CFM)	ESP (" WC)	COOLING REQ'D		GAS HEAT		POWER		MCA	REMARKS		
						TMBH	SMBH	INPUT (MBH)	OUTPUT (MBH)	Motor HP	VAC			HZ	PH
RTU-1	Trane YSD300G3RL00	25	9725	2550	0.8	303.2	180.5	250	200	7.5	208	60	3	112	1, 2, 3

- Furnish with VAV supply air temperature control, hinged MERV 13 filter access, local disconnect switch with breaker, convenience outlet, gas heat, supply air smoke detector and motorized OA damper w/ barometric relief.
- Cooling capacities to be rated in accordance with AHRI standard 210/290 for ASHRAE standard design weather conditions in New Orleans, LA.
- Install per Manufacturer's recommendations.

- ### GENERAL HVAC NOTES
- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL WRAPPED WITH FIBROUS GLASS DUCT WRAP WITH FSK VAPOR BARRIER, MIN R-6. INSTALLED PER SMACNA STANDARDS. DUCT WORK IMMEDIATELY DOWNSTREAM FROM AHU SHALL BE LINED FOR SOUND ATTENUATION.
 - 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 72E 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 AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
 - ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
 - EXHAUST FAN 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.
 - LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
 - REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
 - 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 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-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". SUPPORT FLEX DUCT TO PREVENT SAGGING.
 - 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.
 - 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.
 - COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
 - PROVIDE MIN 18 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.



- ### HVAC CONSTRUCTION NOTES
- VERIFY HVAC CONTROLS AND COMPONENTS ARE COMPLETE AND FUNCTIONAL.
 - REPLACE VVT #5 VAV BOX (REFERENCE SCHEDULE)
 - RELOCATE/ REPLACE DIFFUSERS AS NOTED (REFERENCE SCHEDULE)
 - MODIFY DUCTWORK AS NOTED.
 - REPLACE RTU-1 (REFERENCE SCHEDULE)
 - BALANCE AIRFLOWS AS NEEDED.
 - REUSE EXISTING GAS METER SUPPLY TO RTU-1



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

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DATE	DESCRIPTION



NEW DAYCARE
THREE PEAS IN A POD EARLY
LEARNING CENTER

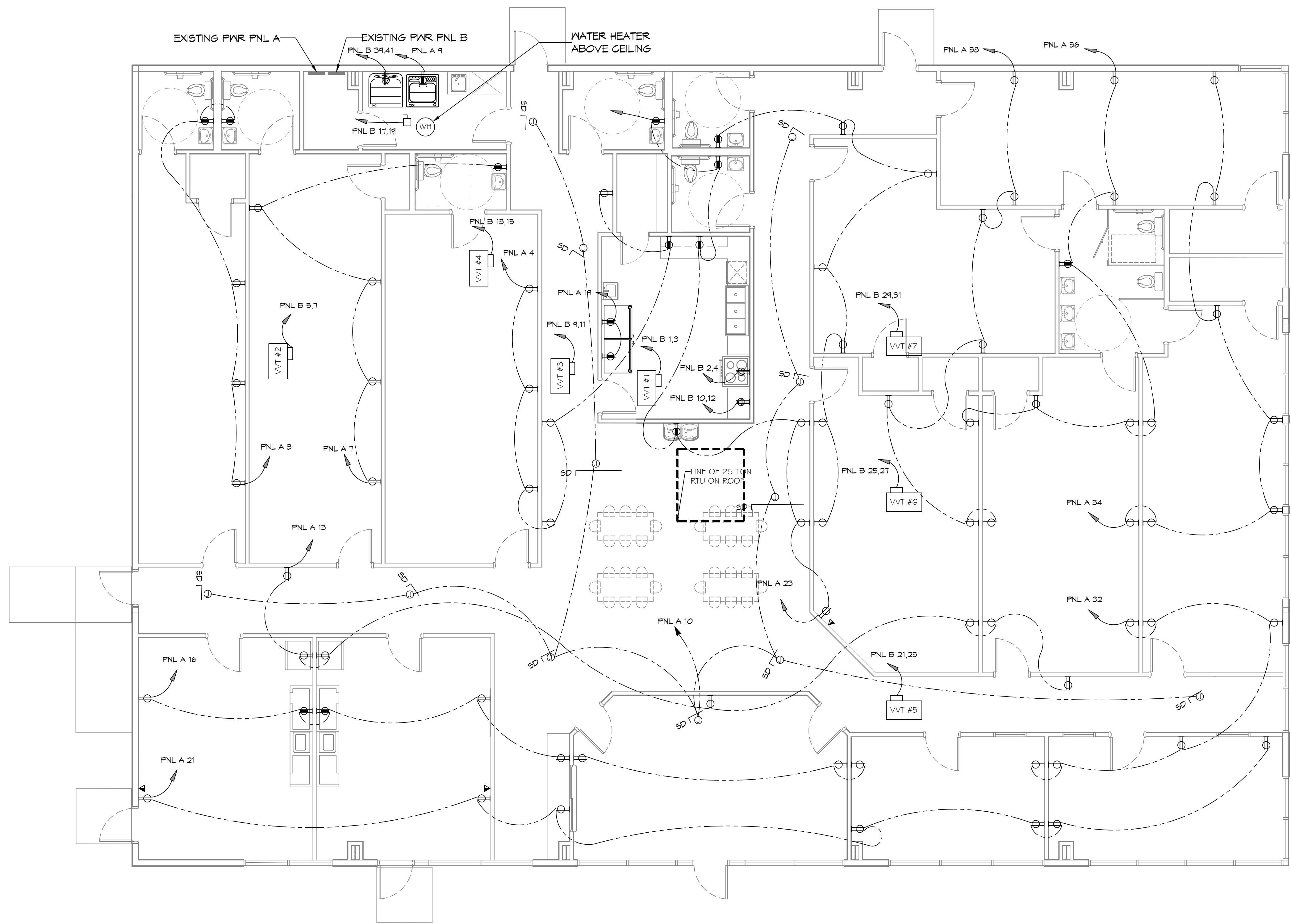
2066 GAUSE BLVD.
 SLIDELL, LA 70461
 JOB NO: 2517
 DATE: 12-01-2025
 DRAWN BY: LJP
 CHECKED BY: CJK

SHEET TITLE:
MECHANICAL PLAN

DRAWING NUMBER:
M101

SHEET No: 10 of 13

FILE NAME: C:\Users\ksharma\Desktop\Drawings\101 - Power Plan.dwg PLOT DATE: Monday, December 1, 2025 3:45:31 PM



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

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 SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. 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.
9. 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.
10. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION.
11. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 1/2" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS, AND 3 FT IN VEHICULAR TRAFFIC AREAS. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. 6 FT LENGTH M/C GABLE IS ALLOWED ABOVE DROPPED CEILING.
12. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
13. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
14. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 2TTV RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
15. 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.
16. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPA 250-23, 250-11 & 250-12.
17. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
18. FUSES SHALL BE ITT GLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
19. 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.
20. 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 ADJUTING PROPERTY LINE.
21. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE GULKED. (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.)
22. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
23. TYPES NM AND NMC GABLES SHALL NOT BE PERMITTED TO BE EXPOSED IN DROPPED OR SUSPENDED CEILING.

THIS WORK SHALL MEET ALL ELECTRICAL CODES

1. 2020 NATIONAL ELECTRICAL CODE
2. NFPA 70
3. 2021 IECC ENERGY CODE

LEGEND

- GFCI DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE TAMPER RESISTANT OUTLETS
- ALL RECEPTACLES SHALL BE TAMPER PROOF
- EXIT LIGHT W/BATTERY WITH 90 MINUTE BACKUP
- EXIT SIGN W/BATTERY WITH 90 MINUTE BACKUP
- SINGLE POLE LIGHT SWITCH

KEYED NOTES

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

DAMMON

ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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 Chief Engineer: Brian Mistich, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 Phone: 985.649.5832

#	DESCRIPTION	DATE



NEW DAYCARE
THREE PEAS IN A POD EARLY
LEARNING CENTER

2465 GAUSE BLVD
 SLIDELL, LA 70461
 JOB No: 2517 DATE: 12-01-2025
 DRAWN BY: [Signature] CHECKED BY: [Signature]

SHEET TITLE:
 POWER PLAN
 DRAWING NUMBER:
E101
 SHEET No: 11 of 13

DATE PLOTTED: 12/01/2025 10:46:11 AM C:\Users\adam\OneDrive\Desktop\102 - Lighting Plan.dwg PLOT DATE: 8/26/2025 10:46:11 AM

KEYED NOTES

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




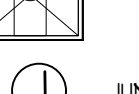
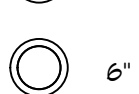

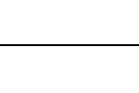
GENERAL LIGHTING NOTES

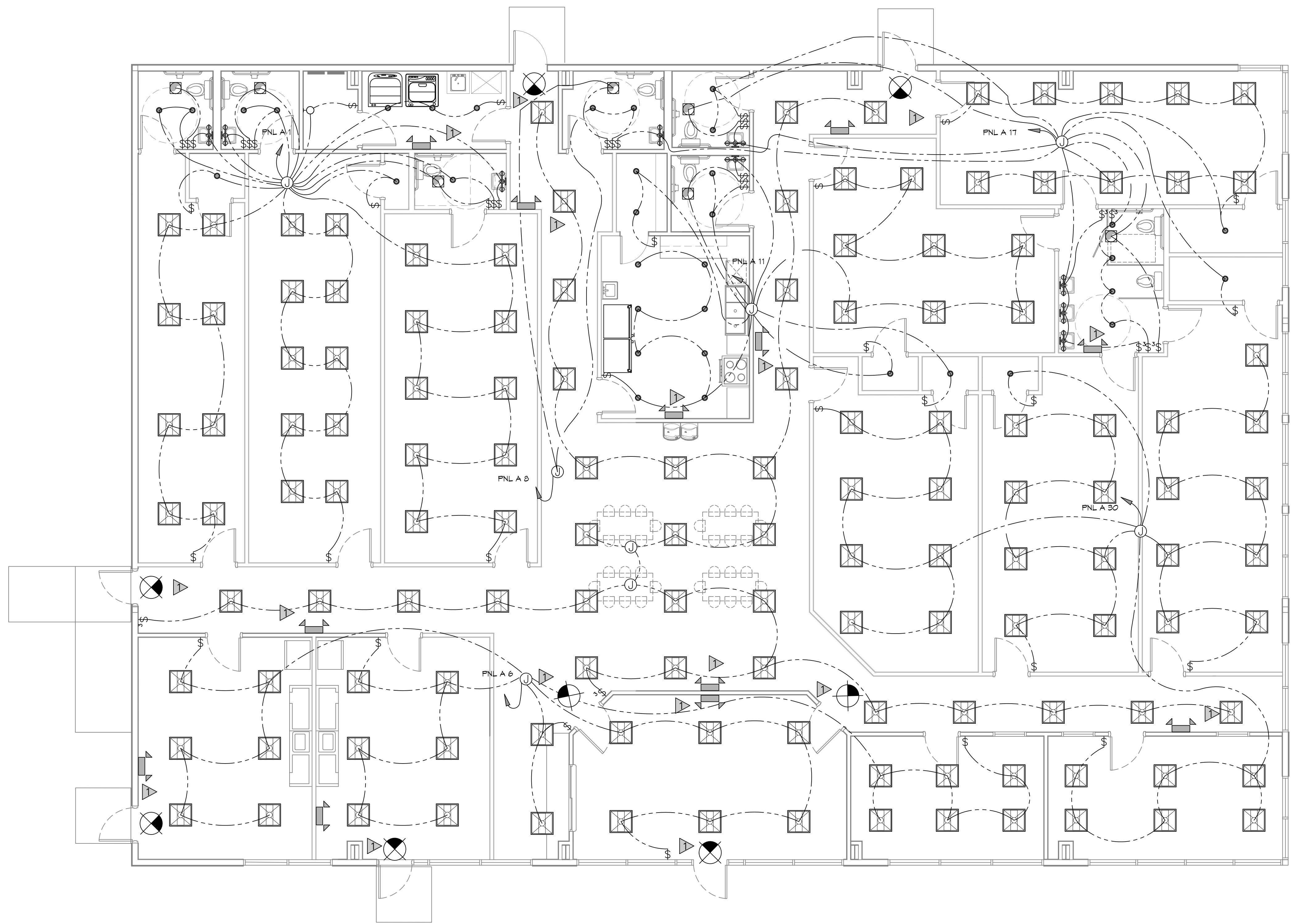
1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.
4. WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
5. ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
6. 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.
7. ALL CONDUCTORS SHALL BE COPPER.
8. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
9. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
10. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
11. EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS SHALL BE LUTRON NOVA T-STAR.
12. ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
13. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.135.

THIS WORK SHALL MEET
ALL ELECTRICAL CODES

1. 2020 NATIONAL ELECTRICAL CODE
2. NFPA 70
3. 2021 IECG ENERGY CODE

LIGHTING LEGEND

-  EXIT LIGHT FIXTURE - CEILING MOUNTED
-  EMERGENCY LIGHT - WALL MOUNTED
-  VANITY LIGHT
-  2X2 LED LIGHT FIXTURE
-  JUNCTION BOX
-  6" RECESSED CAN LIGHT
-  EXHAUST FAN



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

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