

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)	
TB03 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	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	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

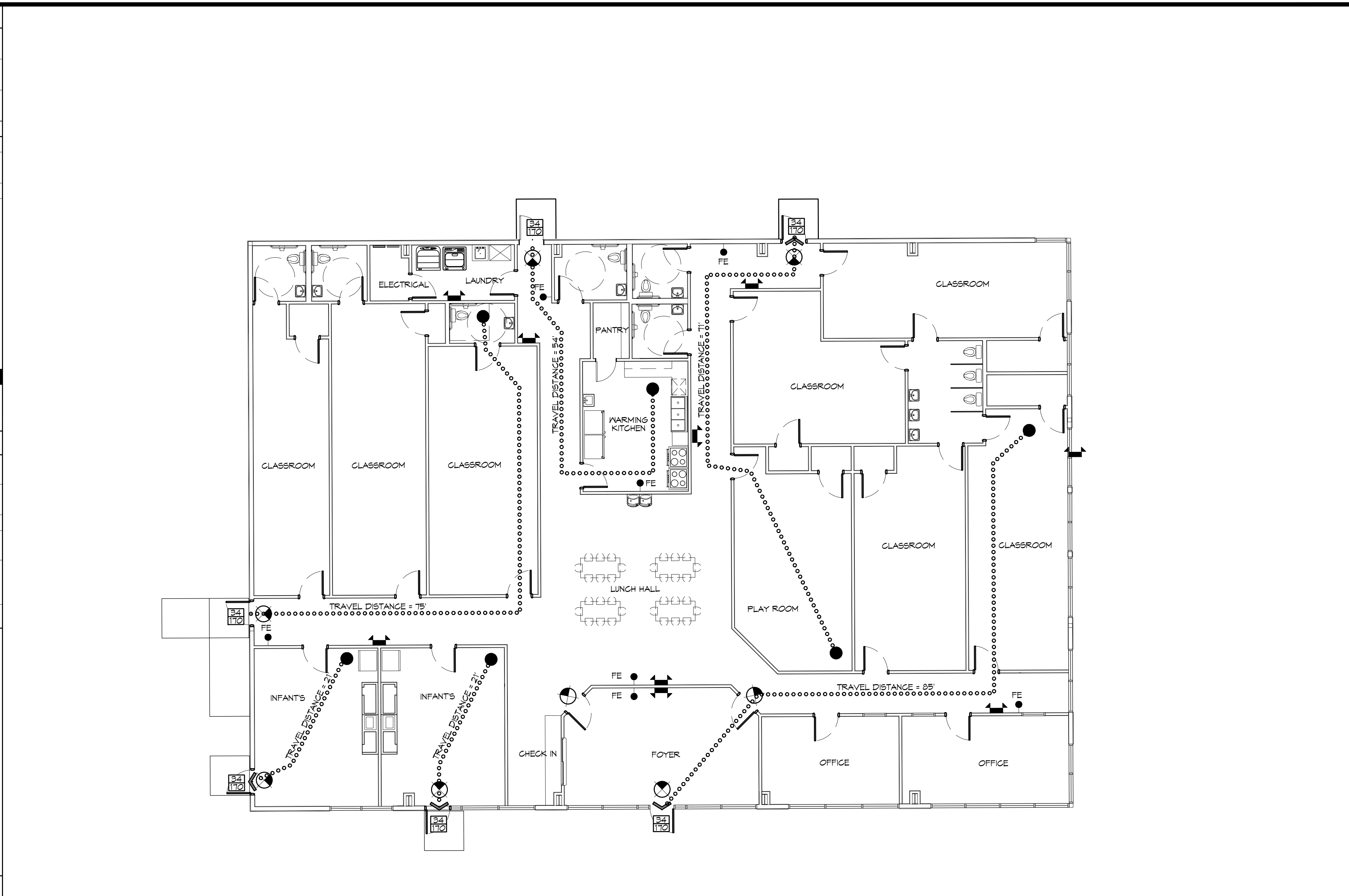
WIND SPEED DESIGN REQUIREMENTS	
THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:	
WIND DESIGN DATA:	
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY	
WIND SPEED (VULT (3 SECOND 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 L&J 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
(45)	DOOR FIRE RATING (MINUTES)
(36)	DOOR WIDTH/EGRESS CAPACITY
(E)	EXIT LIGHT
• FE	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



LIFE-SAFETY PLAN
SCALE: 1/8" = 1'-0"



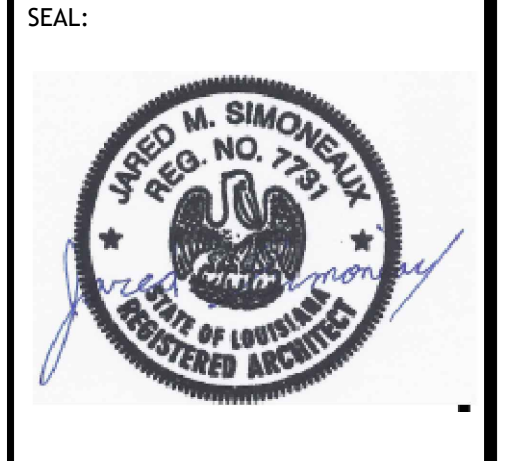
SHEET INDEX	
SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
G102	ADAS INFORMATION
G101	SITE PLAN
D101	DEMOLITION PLAN
A101	FLOOR PLAN
A102	REFLECTED CEILING PLAN
P101	PLUMBING PLAN
P102	PLUMBING RISER AND DETAILS
M101	MECHANICAL PLAN
E101	POWER PLAN
E102	LIGHTING PLAN
E103	PANEL SCHEDULE

GENERAL NOTES	
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 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 ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
6.	TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
7.	THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
8.	CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
9.	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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554 Old Spanish Trail
Slidell, LA 70458

REVISIONS	DATE
#	DESCRIPTION



NEW DAYCARE
THREE PEAS IN A POD EARLY LEARNING CENTER

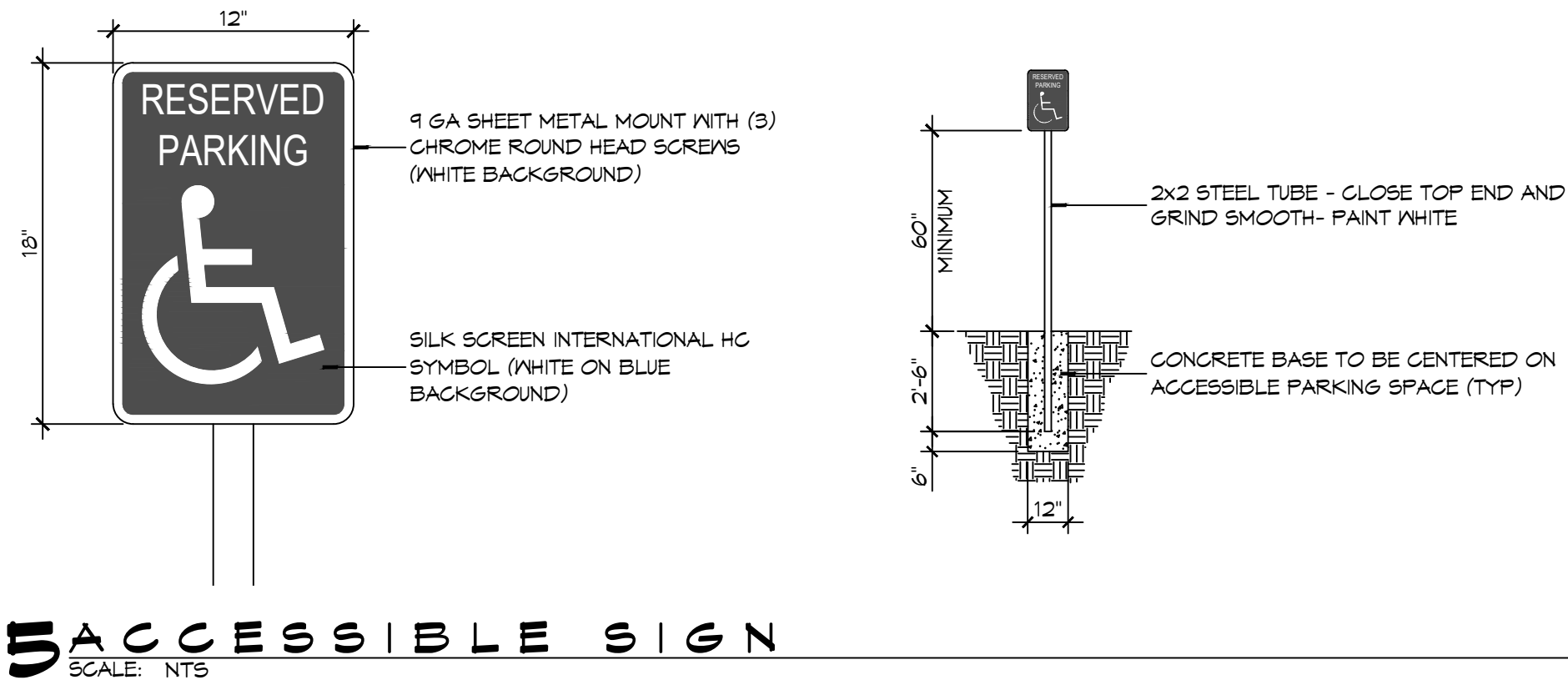
2465 GAUSE BLVD.
SLIDELL, LA 70461
JOB No: 04-30-2025
DATE: 04-30-2025
DRAWN BY: JMB
CHECKED BY: CRD

SHEET TITLE:
GENERAL INFORMATION SHEET

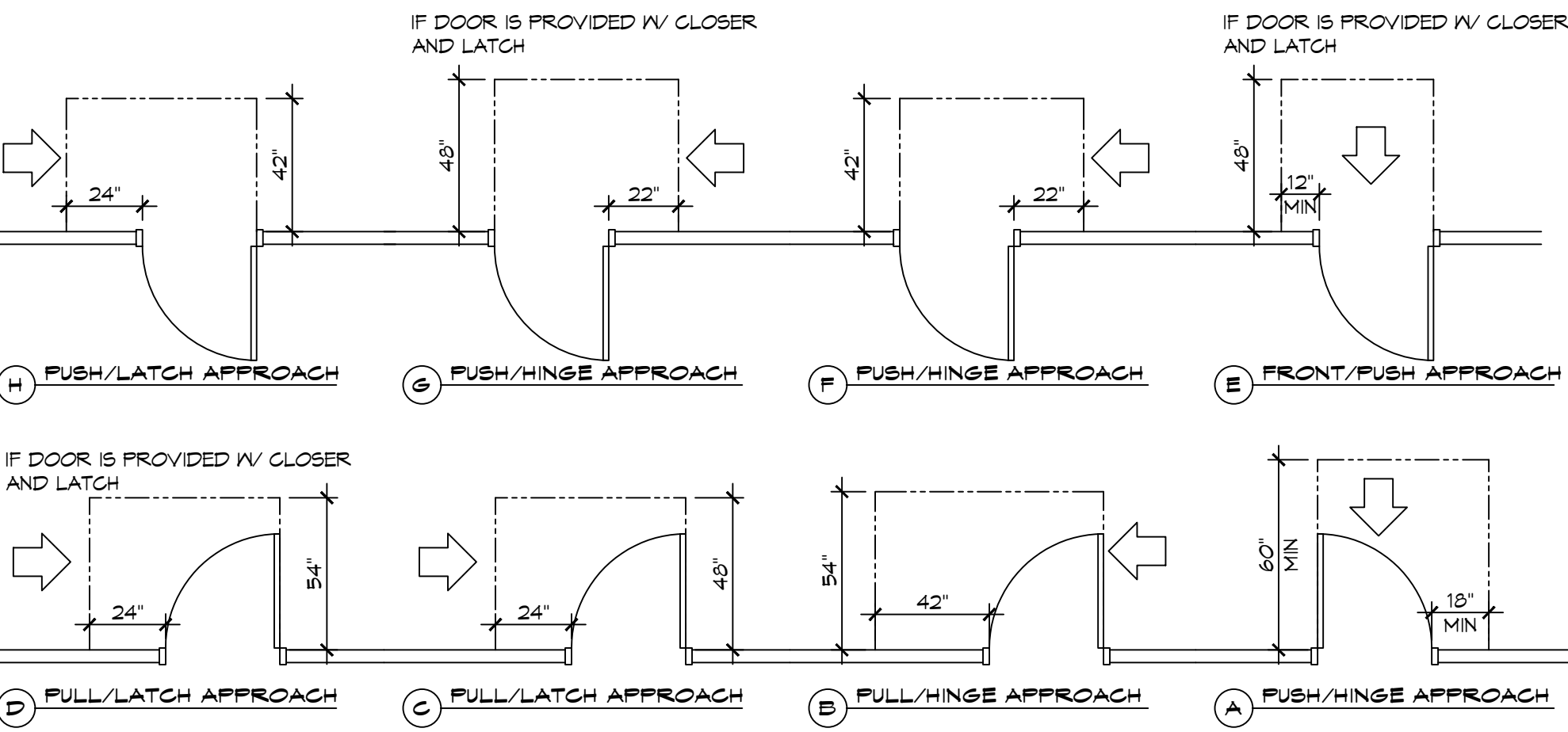
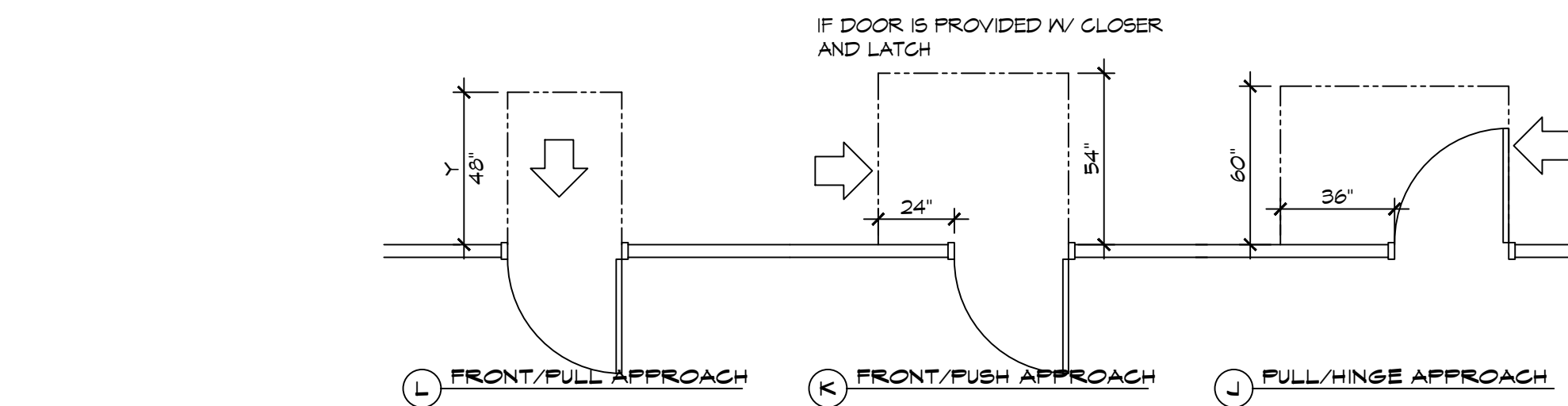
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G101

SHEET No: 1 of 12

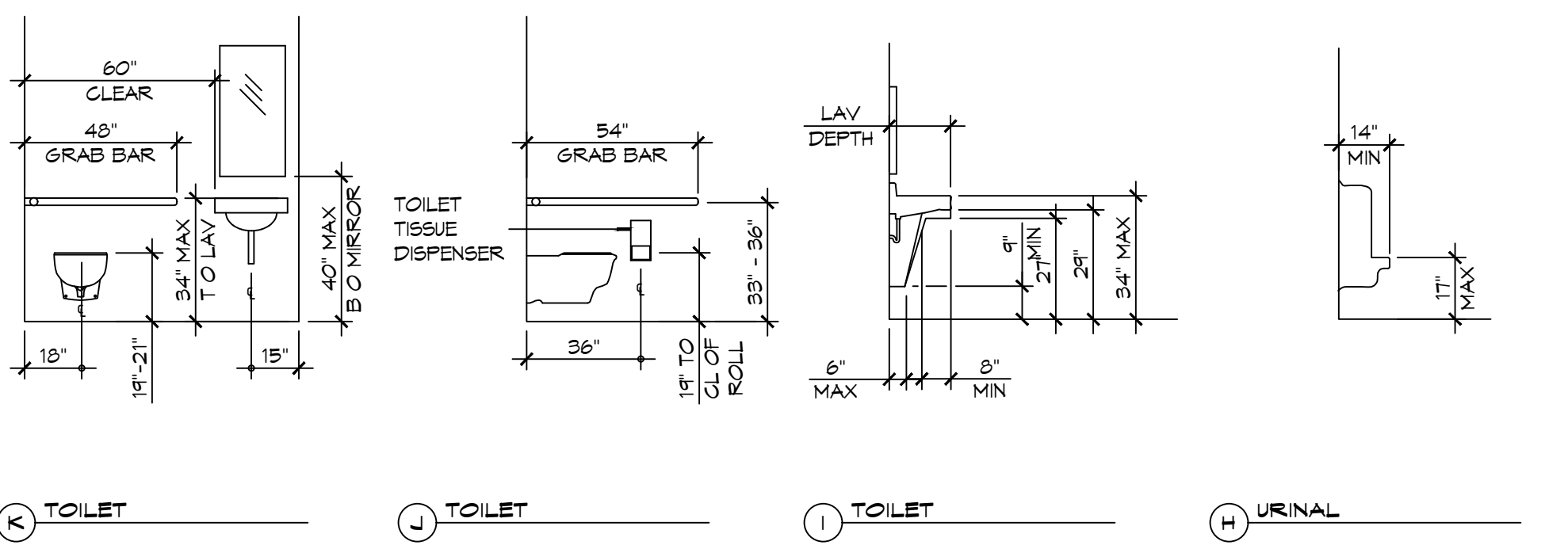
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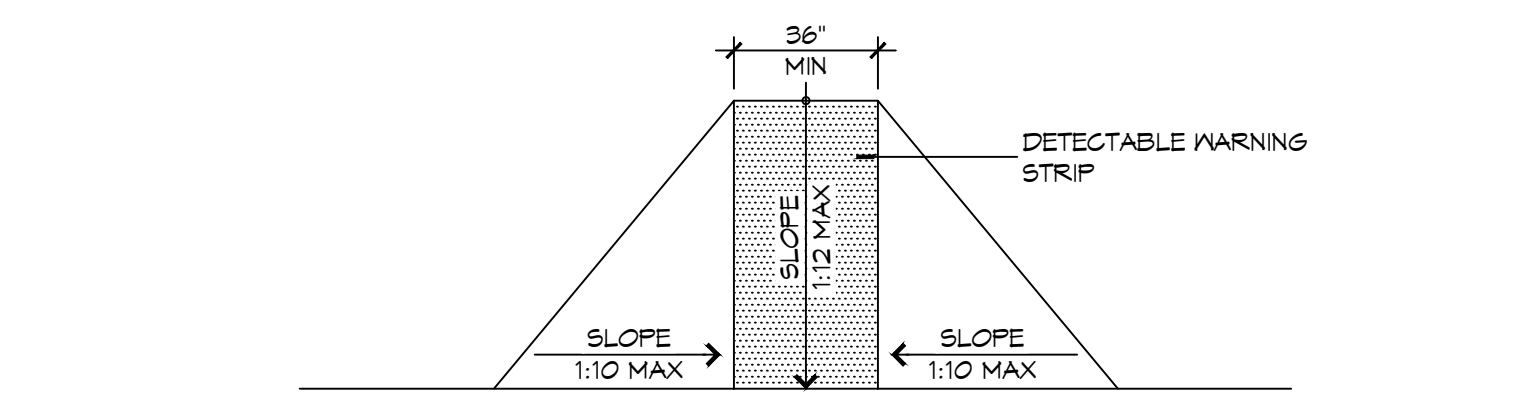
5 ACCESSIBLE SIGN
SCALE: NTS



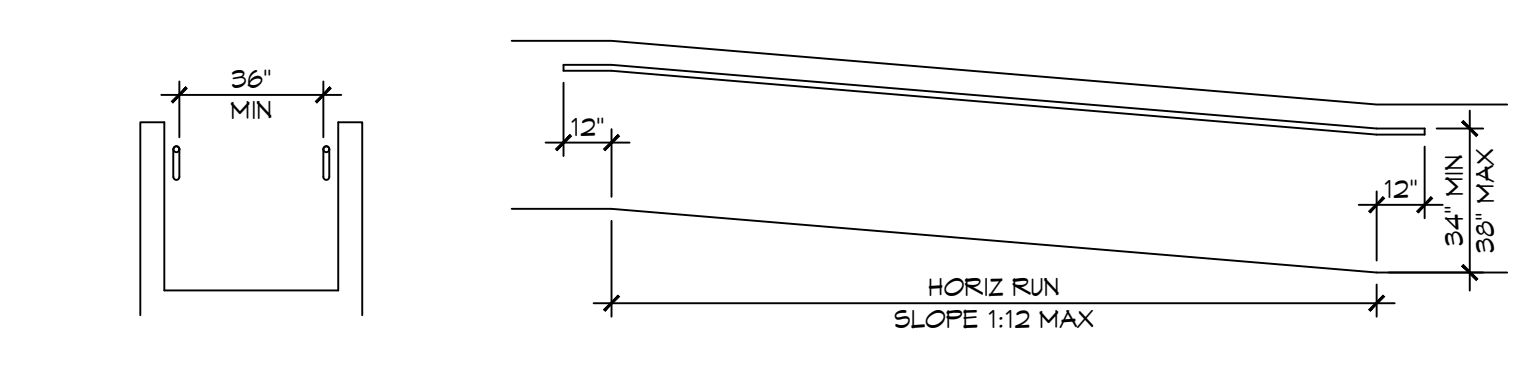
3 ADA DOOR CLEARANCES
SCALE: 1/4" = 1'-0"



1 MOUNTING HEIGHTS
SCALE: 1/4" = 1'-0"



F FLARED RAMPS

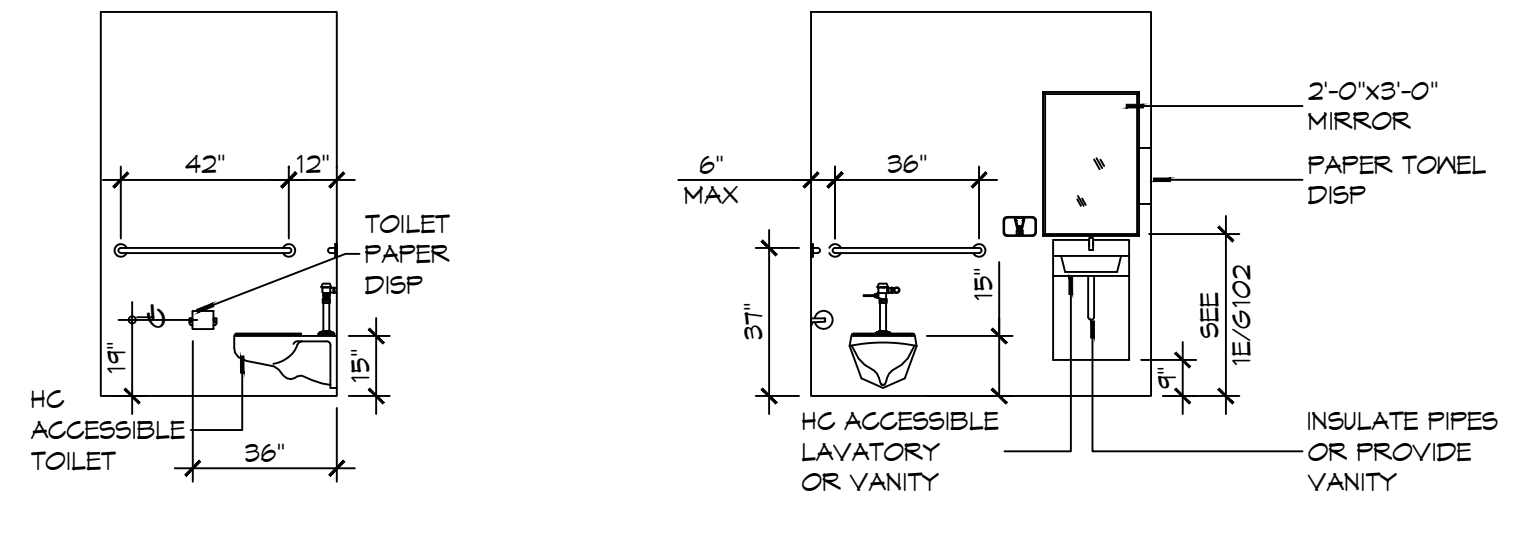


D WALL EDGE PROTECTION



B EXTENDED SURFACE EDGE PROTECTION

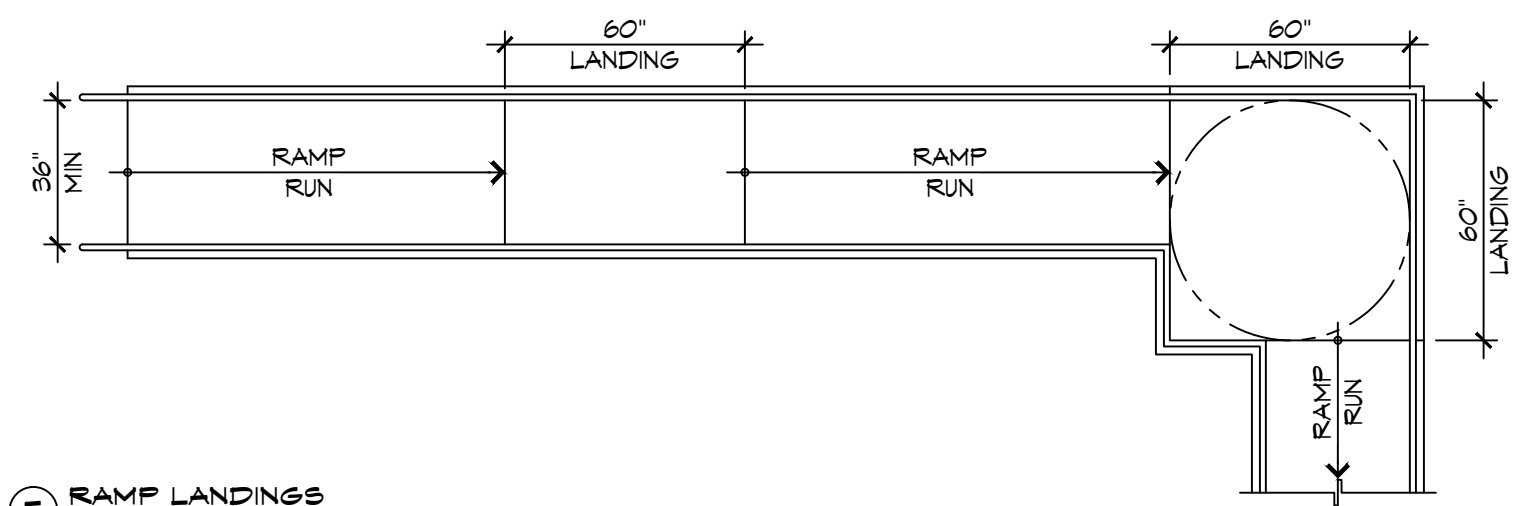
4 ACCESSIBLE RAMPS
SCALE: 1/4" = 1'-0"



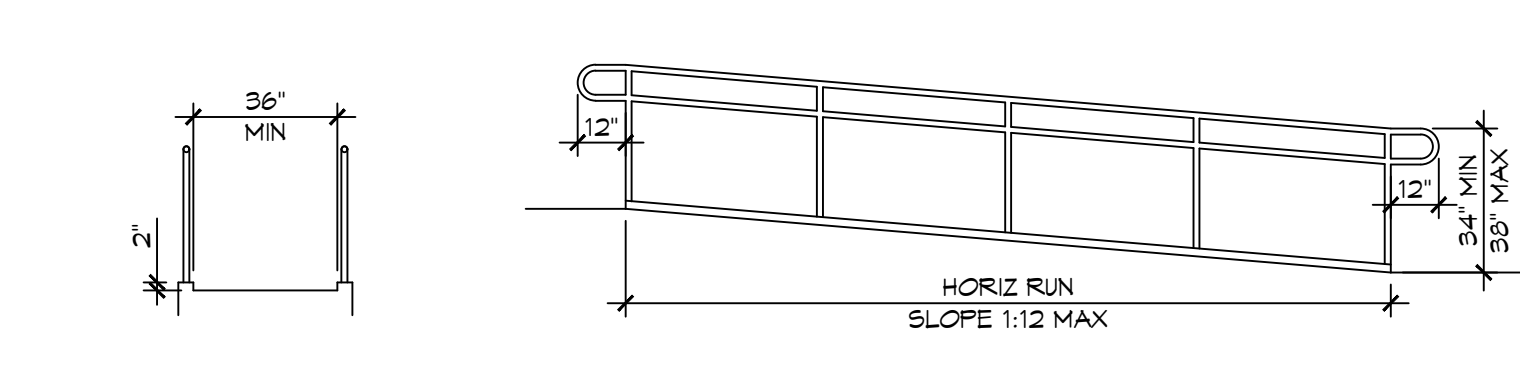
D INTERIOR ELEVATION

C INTERIOR ELEVATION

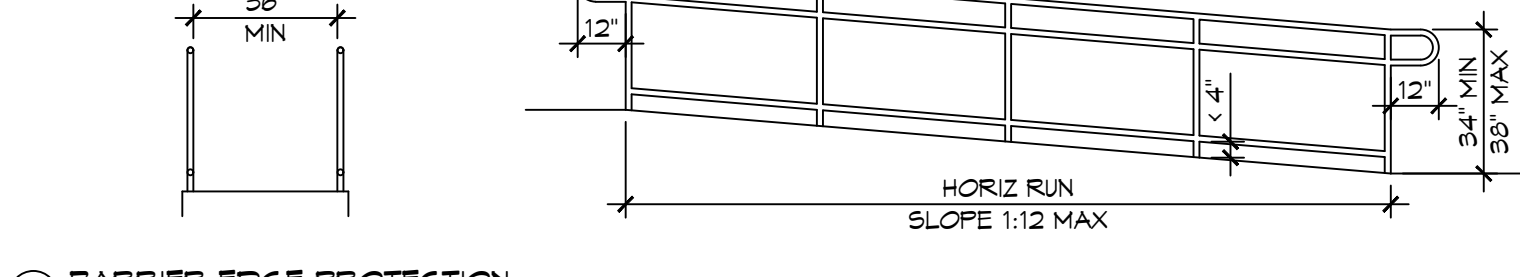
2 RESTROOM CLEARANCES
SCALE: 1/4" = 1'-0"



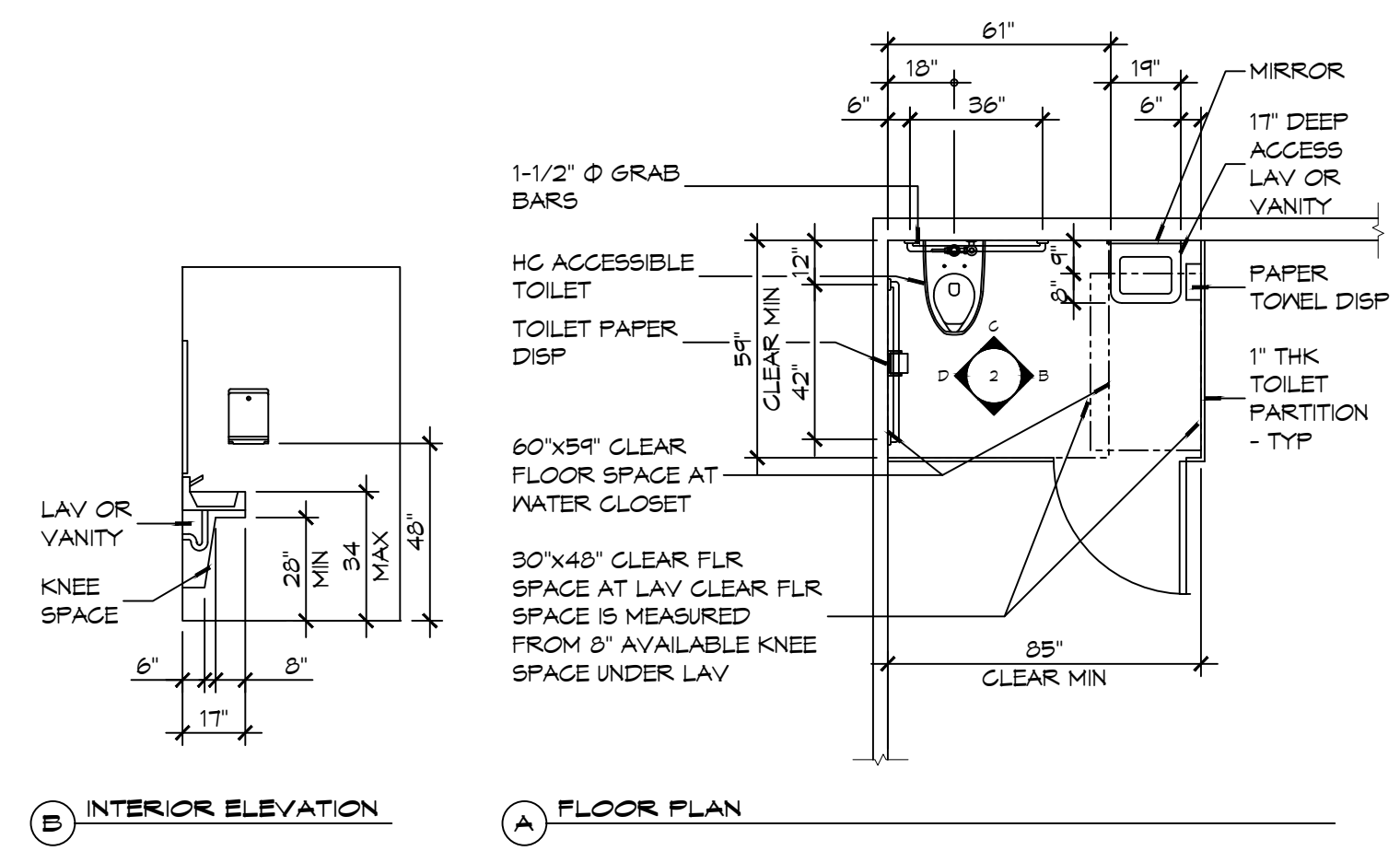
E RAMP LANDINGS



C CURB EDGE PROTECTION



A BARRIER EDGE PROTECTION



B INTERIOR ELEVATION

A FLOOR PLAN

ACCESSIBILITY NOTES

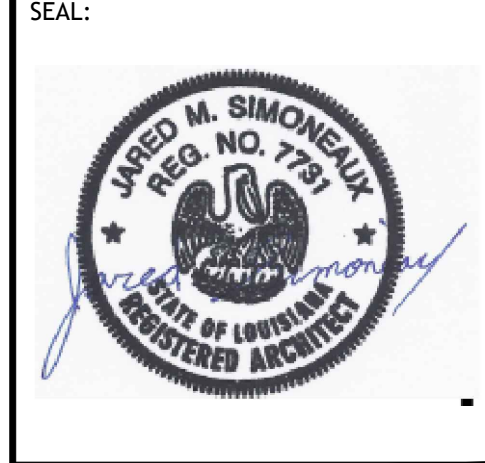
DOOR CLEARANCE NOTES
 ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES, 31/6102 - 3K/6102.
 DOOR HARDWARE SHALL BE LEVER TYPE.
 MAX DOOR OPENING FORCE:
 INTERIOR HINGED DOORS: 5 LBF
 EXTERIOR HINGED DOORS: 8.5 LBF
 SLIDING OR FOLDING DOORS: 5 LBF
 FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
 HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" AND NOT LESS THAN 34" ABOVE FINISHED FLOOR.
 THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.
 THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
 DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90°, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24" IN DEPTH SHALL MAINTAIN 32" MIN CLEARANCE.
RAMP NOTES
 THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE MIN 1-1/2" CLEAR.
 GRIPPING SURFACES SHALL BE CONTINUOUS AND UNOBSTRUCTED.
 ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.
 HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
 THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.
 OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.
 RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" HIGH.
 HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.
 RAMP LANDINGS SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

GENERAL SITE ACCESSIBILITY NOTES

1. ACCESSIBILITY SIGNAGE SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 103.7.
2. SEE SHEET 0003 FOR ACCESSIBLE RAMP AND HANDRAIL DESIGNS WHERE THEY OCCUR.
3. ALL ACCESSIBLE PARKING SPACES AND AISLES THAT SERVE THEM SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 502.4 AND 502.5.
4. OPENINGS IN GROUND SURFACES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 302.3.
5. VERTICAL CHANGES IN ELEVATION ALONG ALL ACCESSIBLE ROUTES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 303.2, 303.3, AND 303.4.
6. PARKING SPACES DESIGNATED AS ACCESSIBLE SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH ADAAG 2010 GUIDELINES SECTIONS 103.1.2.1 AND 502.6.
7. ALL ACCESSIBLE PARKING SPACES AND ROUTES SERVING THEM SHALL HAVE A ROUGH, SLIP-RESISTANT SURFACE OR LIGHT BROOM FINISH IN COMPLIANCE WITH ADAAG 2010 GUIDELINES SECTION 302.1.

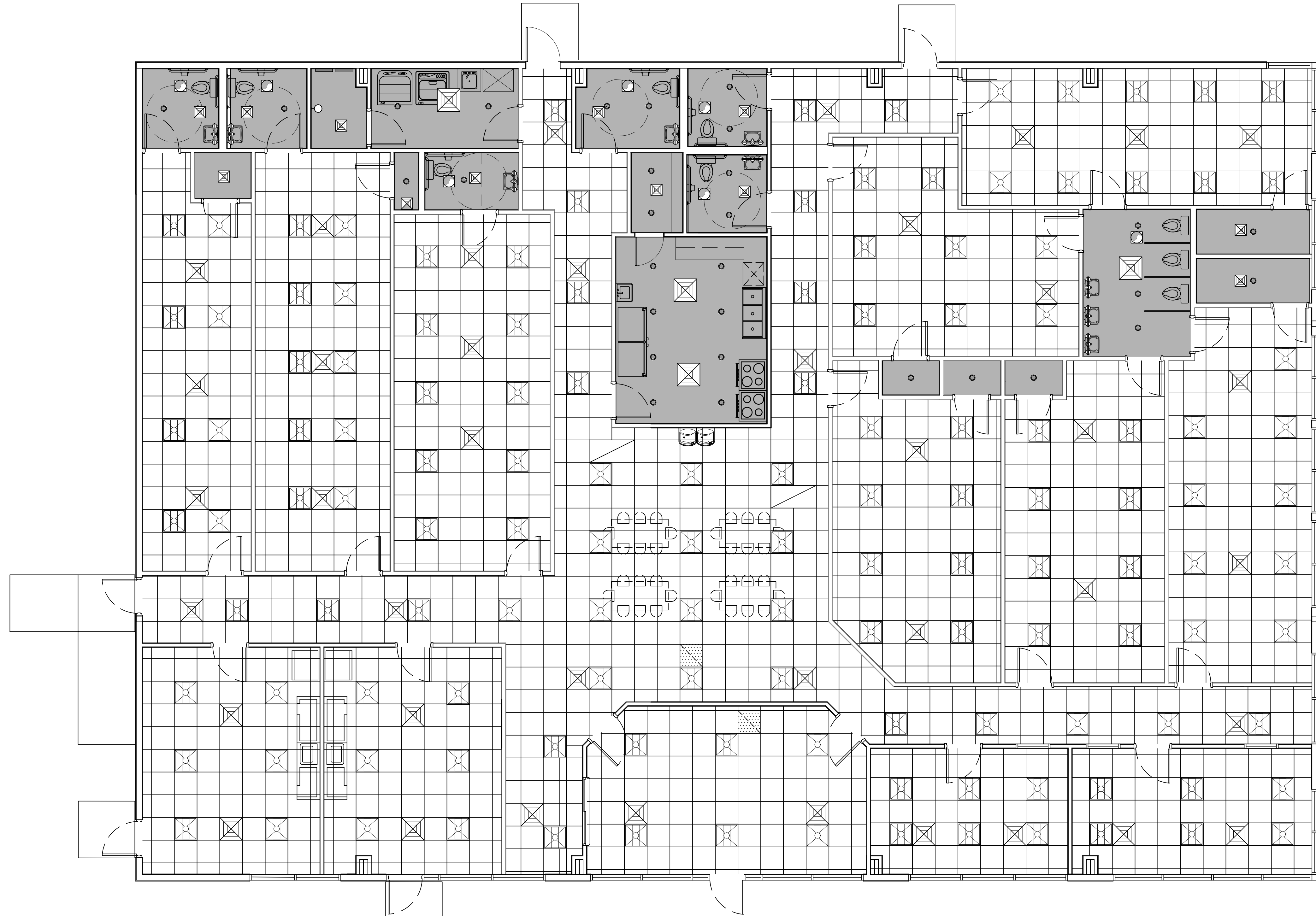
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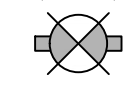
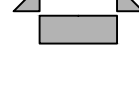
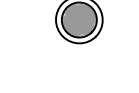
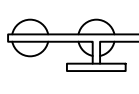
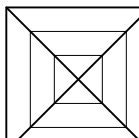
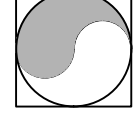
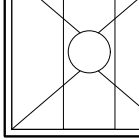
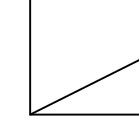
NEW DAYCARE
THREE PEAS IN A POD EARLY LEARNING CENTER
 2465 GAUSE BLVD.
 SLIDELL, LA 70461
 JOB No: 04-30-2025
 DRAWN BY: JME
 25/11 DATE: 04-30-2025
 CKD CHECKED BY: JME
 SHEET TITLE: ACCESSIBILITY INFORMATION
 DRAWING NUMBER:
G102
 SHEET No: 2 of 12

P.L. 5832, A.S. - Commercial Structures, Inc. 5040 General Road, Suite 100, Metairie, LA 70002, October 13, 2023, 2:30 PM



4 REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"

REFLECTED CEILING LEGEND

-  NEW 2X2 CEILING TILE
-  EXIT LIGHT
-  EMERGENCY LIGHT
-  LED CAN LIGHT
-  HOLLYWOOD LED LIGHT
-  SUPPLY AIR GRILLE
-  EXHAUST FAN
-  2X2 LED LIGHT FIXTURE
-  RETURN AIR GRILLE

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Chief Engineer: Brian Misch, PE
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 Slidell, LA 70458

#	DATE



NEW DAYCARE

THREE PEAS IN A POD EARLY LEARNING CENTER

2465 GAUGE BLVD.
 SLIDELL, LA 70461

JOB No: 04-30-2023
 DRAWN BY: LJP
 25T DATE: 04-30-2023
 LJP CHECKED BY: JMS

SHEET TITLE:
 REFLECTED CEILING PLAN

DRAWING NUMBER:
A102

SHEET No: 6 of 12

FILE NAME: J:\Projects\Warehouse\Warehouse - Mechanical\Warehouse - Mechanical.dwg
 PLOT DATE: 08-21-2025 11:30:34 AM
 PLOT BY: J. Y. INVESTMENTS LLC

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

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	
R	Varies		Existing diffuser to be relocated / reused	4	

- Notes:
- Seal around perimeter of diffusers/grilles to prevent moisture migration from attic space
 - Coordinate with owner / architect for color and finish
 - R value of insulated back panels to exceed R-6
 - Remove, clean and inspect prior to reuse. Replace damaged diffusers / grilles.

Exhaust Fan Schedule								
Tag	Fan	Power	Make / Model	Remarks				
EF-1	110	0.2	120	1	60	47.3	Broan A110	1, 2

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

DOOR GRILLE SCHEDULE			
TAG	Size (")	DESCRIPTION	Remarks
DG-1	26 x 12	Louvered transfer door air grille, steel construction, Price STG	1
DG-2	28 x 28	Louvered transfer door air grille, steel construction, Price STG	1

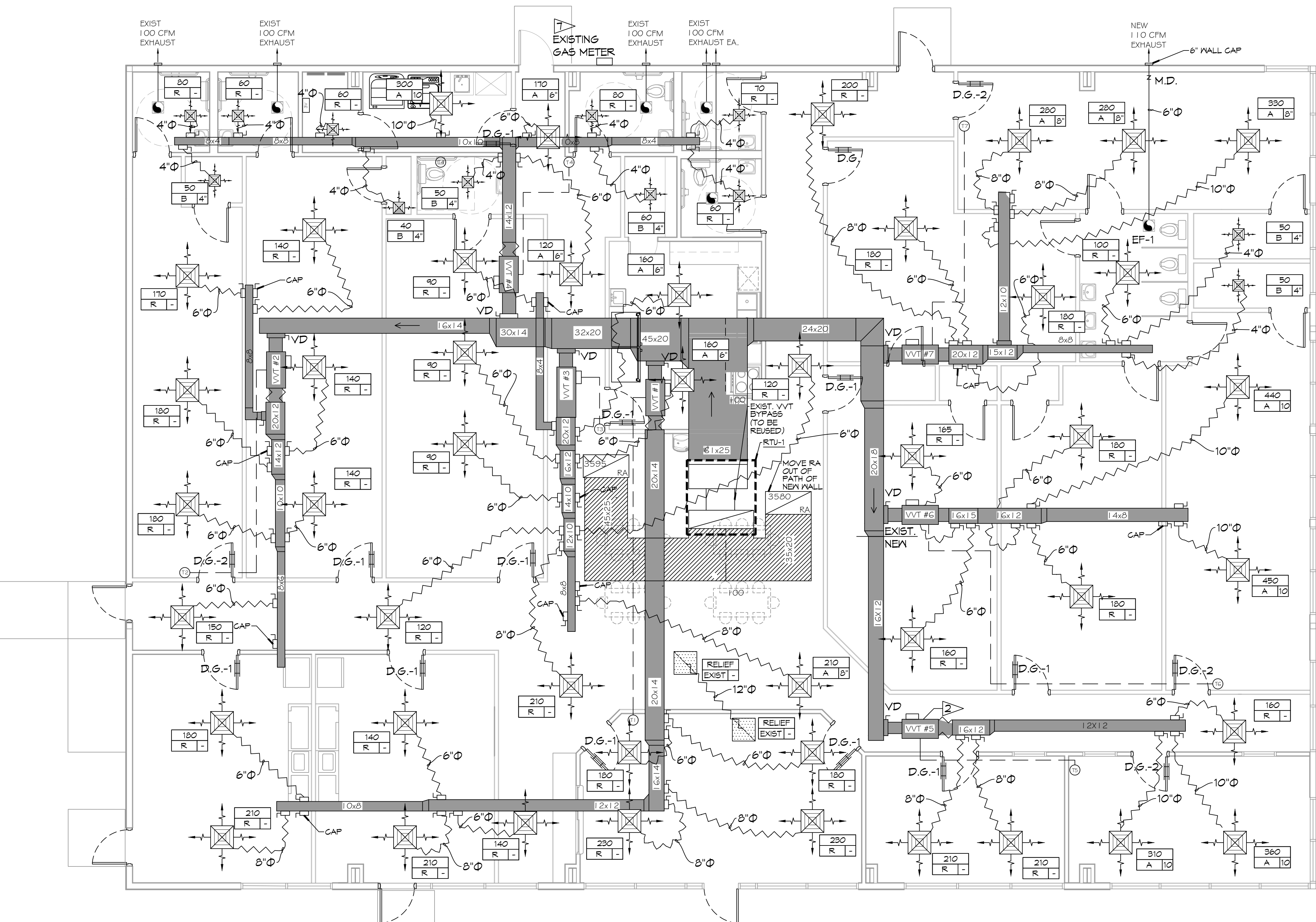
- Notes:
- Coordinate with owner / architect for color, finish and frame style

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

- Notes:
- 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

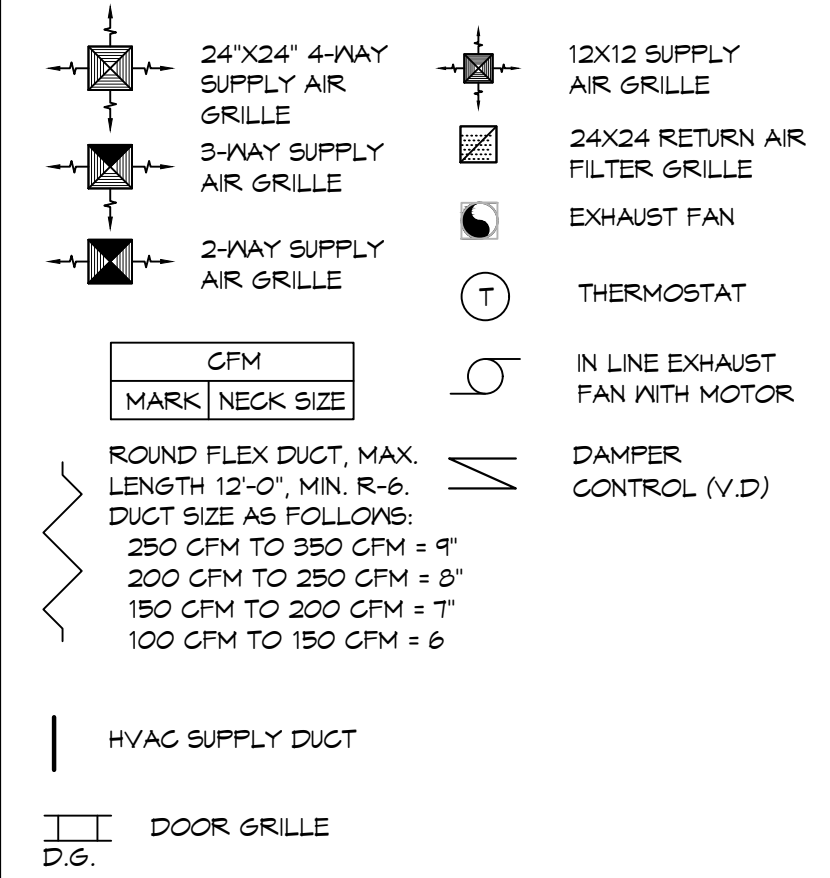
GENERAL HVAC NOTES

- 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 A.H.J. 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 1/8 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.



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

MECHANICAL LEGEND



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 ??? SUPPLY TO RTU-1

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Chief Engineer: Brian Mestich, PE
554 Old Spanish Trail
Slidell, LA 70458

STATE OF LOUISIANA
BRIAN A. MESTICH
LICENSE NO. 90187

DATE: 08-21-25
DESCRIPTION: HVAC FIELD CHANGES

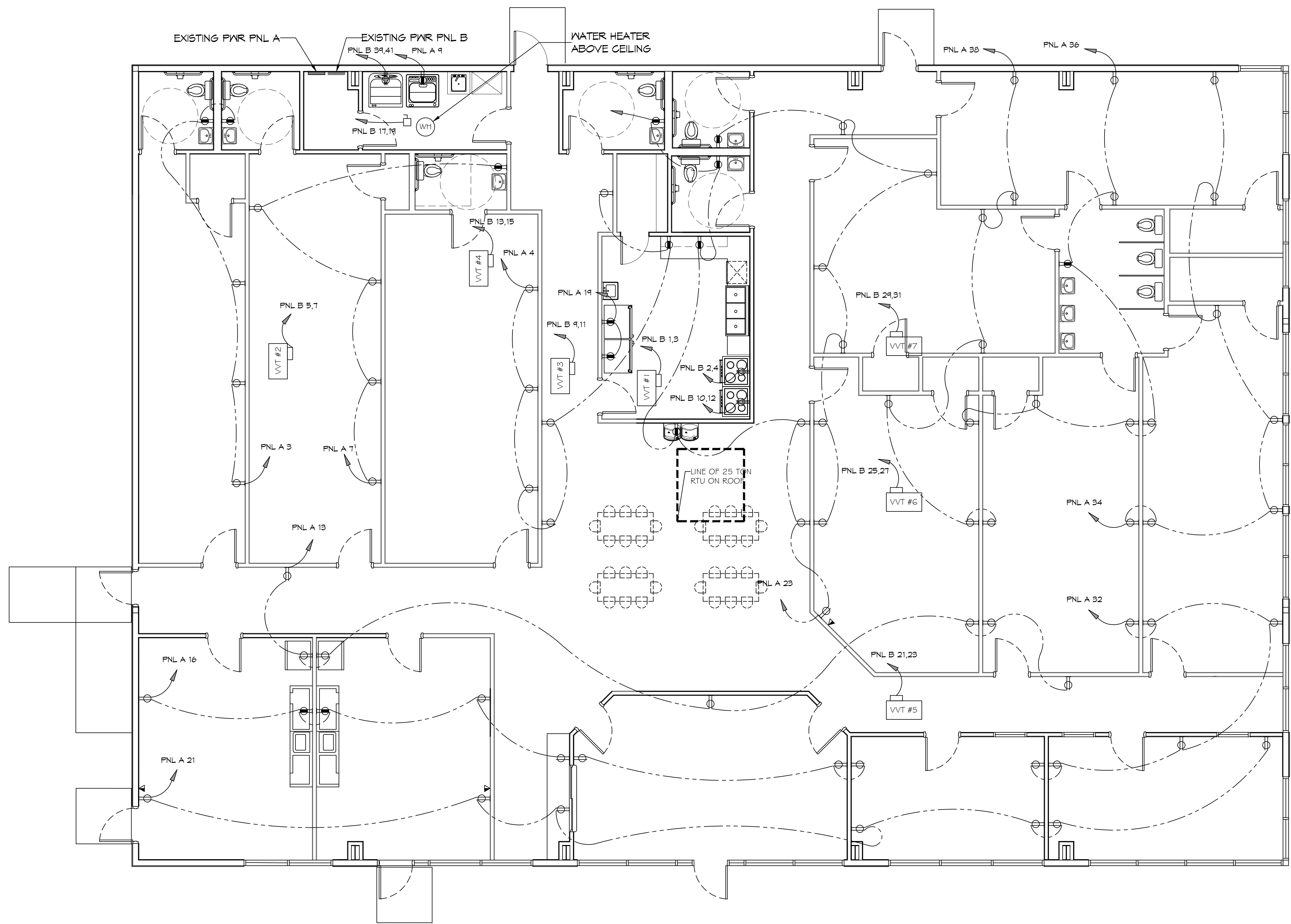
NEW WAREHOUSES
J & Y INVESTMENTS LLC
429 SOUTH STREET
SLIDELL, LA 70460
JOB NO: 2449
DATE: 08-21-2025
DRAWN BY: LJP
CHECKED BY: CJK

SHEET TITLE:
MECHANICAL PLAN

DRAWING NUMBER:
M101

SHEET No: 9 of 12

FILE NAME: C:\Users\dammon\OneDrive\Documents\316\101 - Power Plan.dwg
 PLOT DATE: 11/02/2025 10:58:13 AM
 PLOT BY: Brian Mistich



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

GENERAL 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, 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 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).
- 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 2TTV 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. ALL RECEPTACLES IN A KITCHEN AREA SHALL HAVE GROUND FAULT PROTECTION.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPA 250-23, 250-11 & 250-12.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
- FUSES SHALL BE ITT GLASS KS, 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.
- TYPES NM AND NMC CABLES SHALL NOT BE PERMITTED TO BE EXPOSED IN DROPPED OR SUSPENDED CEILING.

THIS WORK SHALL MEET ALL ELECTRICAL CODES

- 2020 NATIONAL ELECTRICAL CODE
- NFPA 70
- 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

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

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 Chief Engineer: Brian Mistich, PE

#	DESCRIPTION	REVISIONS	DATE



NEW DAYCARE
THREE PEAS IN A POD EARLY LEARNING CENTER
 2455 GAUSE BLVD
 SLIDELL, LA 70461
 JOB No: 2517
 DATE: 09-30-2025
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]

SHEET TITLE:
POWER PLAN
 DRAWING NUMBER:
E101
 SHEET No: 10 of 12

P.E. MARK A. MISTICH, License No. 30187, State of Louisiana, Mechanical, Electrical, and Plumbing, 15, 2020, 2:33:33 PM

KEYED NOTES

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

GENERAL LIGHTING NOTES

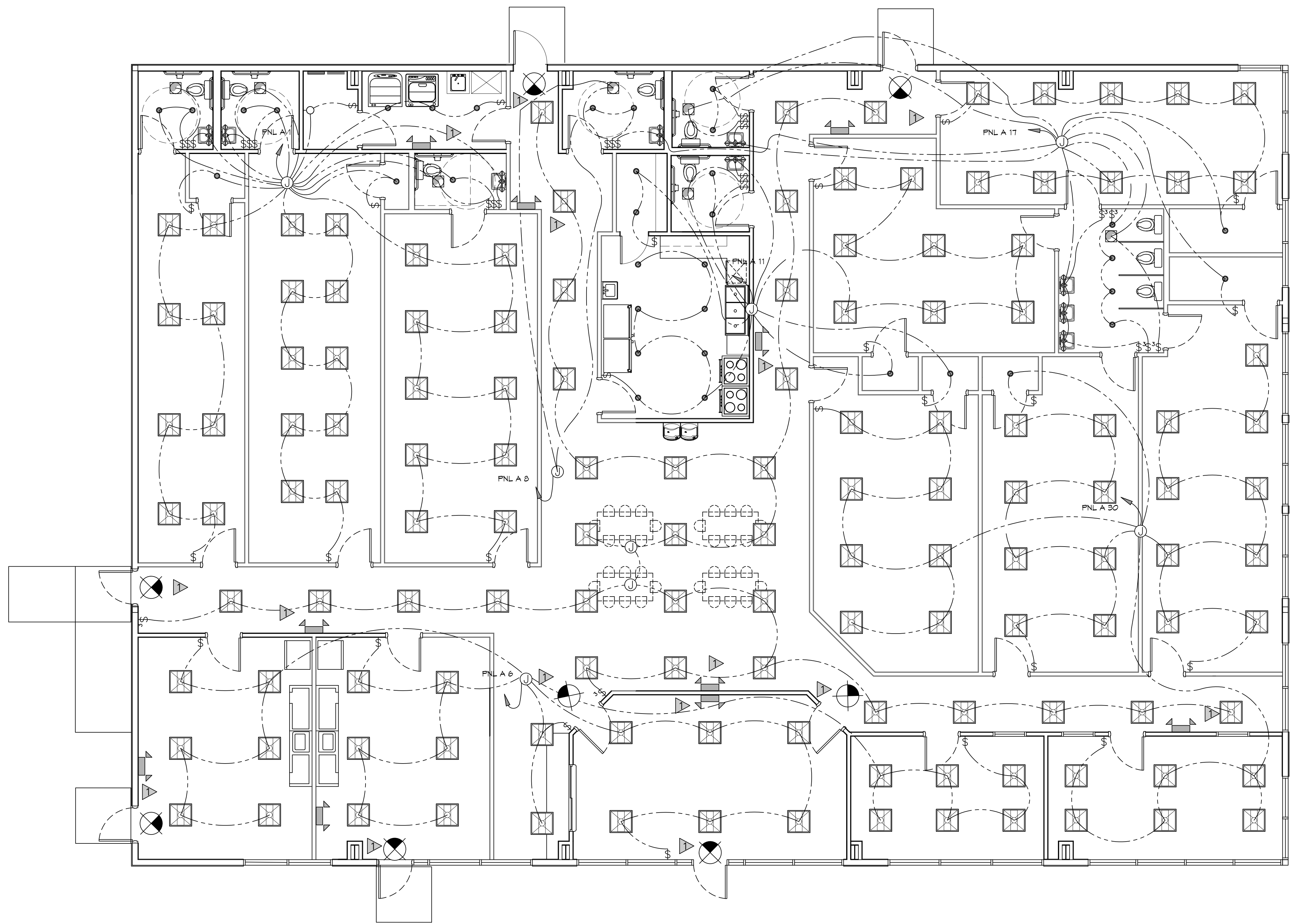
1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN 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



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

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E102
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