

LIFE-SAFETY INFORMATION

APPLICABLE CODES		
NFPA 101 LIFE-SAFETY CODE 2015		
OCCUPANCIES: STORAGE (CHAPTER 42) & BUSINESS (CHAPTER 39); CONSTRUCTION TYPE V B		
MIXED OCCUPANCIES (REFERENCE CHAPTER 6)		
OCCUPANT LOAD FACTOR (REFERENCE TABLE 7.3.1.2)		
(OFFICES ACCESSORY): 600 S.F.	100 SF GROSS / OCCUPANT =	6 OCCUPANTS
STORAGE (WAREHOUSE) 6,900 S.F.	500 SF GROSS / OCCUPANT =	14 OCCUPANTS
TOTAL OCCUPANTS = 104 OCCUPANTS		
CLASSIFICATION OF HAZARD OF CONTENTS		
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH)		LOW HAZARD
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTER 8, TABLE A.9.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)		
3 (200)		
FIRE SEPARATION BETWEEN ASSEMBLY AND STORAGE: 2 HRS (TABLE 6.1.14.4.1(a))		
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 ASSEMBLY = 43.5 FT / 2 = 46.1 FT	SECTION 42.2.4.1 LOW AND ORDINARY HAZARD STORAGE OCCUPANCIES & SECTION 39.2.4.2 FOR BUSINESS ALLOWS FOR SINGLE MEANS OF EGRESS	
MAXIMUM DEAD-END CORRIDORS	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	20 (ASSEM.) & 50 (STOR.)
MAXIMUM COMMON PATH OF TRAVEL DISTANCE	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	75 (ASSEM.) & 50 (STOR.)
MAXIMUM TRAVEL DISTANCE TO EXITS	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	200 (ASSEM.) & 200 (STOR.)
EXTINGUISHMENT REQUIREMENTS		
SPRINKLER (NOT REQUIRED)		
DETECTION, ALARM, AND COMMUNICATION SYSTEMS		
NONE REQUIRED (12.3.4.4 - 42.3.4.4)		
ALLOWABLE HEIGHT AND BUILDING AREA		
PER IBC EQUIVALENT CONSTRUCTION TYPE		

BUILDING CODE

APPLICABLE CODES		
IBC 2015		
OCCUPANCY B (OFFICE), S-1 (WAREHOUSE); MIXED OCCUPANCIES (IBC 2015 CHAPTER 10)		
OCCUPANT CALCULATIONS (TABLE 1004.1.2)		
(OFFICES ACCESSORY): 600 S.F.	100 GROSS	6 OCCUPANTS
S-2 (WAREHOUSE) 6,900 S.F.	500 GROSS	14 OCCUPANTS
TOTAL OCCUPANTS		
20 OCCUPANTS		
CONSTRUCTION TYPE(S) (TABLE 503)		
3 B (SECTION 503)		
FIRE SEPARATION BETWEEN OFFICE AND STORAGE (S2) = 1 HOUR (IBC 2015 TABLE 503.4)		
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION		
MAXIMUM HEIGHT IN FEET (SECTION 503 & 504, TABLE 504.3)	NON-SPRINKLED	55
MAXIMUM NUMBER OF STORIES (SECTION 503 & 504, TABLE 504.4)	NON-SPRINKLED	2
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 506.2)	NON-SPRINKLED	8,500 S.F.

WIND SPEED DESIGN REQUIREMENTS

THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1604 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 =	143 MPH (IBC FIG 1609.3(1))		
NOMINAL DESIGN WIND SPEED Vbsd =	111 MPH (Vult x (0.8) ^{1/2})		
RISK CATEGORY:	CATEGORY II BLDG	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	C
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	± 0.18		
LIVE LOADS (IBC SEC 1607)			
STORAGE WAREHOUSE, LIGHT DUTY (IBC TABLE 1607.1):	125 PSF		
OFFICE LOBBIES & CORRIDORS 1ST FLOOR	100 PSF		
OFFICES (IBC TABLE 1607.1):	50 PSF		
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		

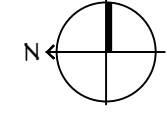
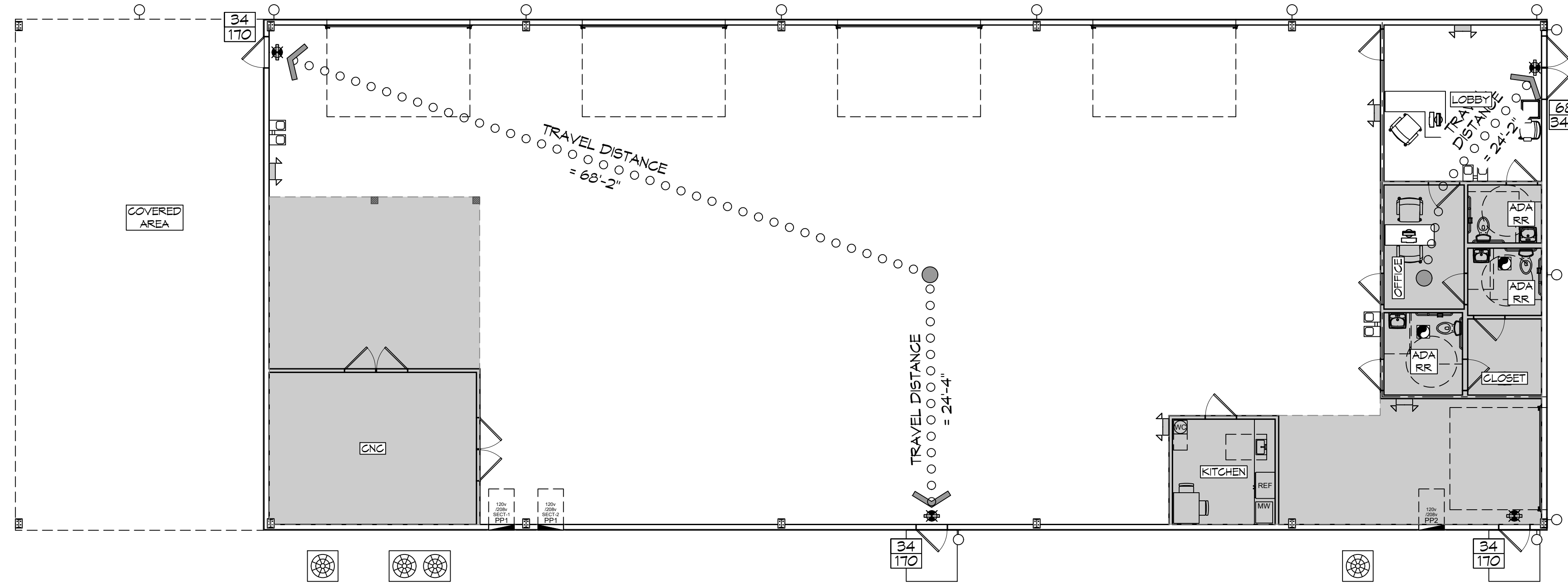
FLOOD ZONE INFORMATION

BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES. THIS PROPERTY IS NOT IN A FLOOD ZONE

FIRM, COMMUNITY NO. 225205 0205 D DATE: 10/11/1989		
FLOOD ZONE:	C	BASE FLOOD ELEVATION: N/A

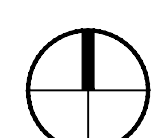
LIFE-SAFETY LEGEND

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



LIFE-SAFETY PLAN

SCALE: 1/8" = 1'-0"



VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
G102	ACCESSIBILITY INFORMATION
C101	SITE PLAN
C102	SITE UTILITY AND PAVING PLAN
C103	EROSION CONTROL PLAN
S101	FLOOR FRAMING PLAN
A101	FLOOR PLAN
A102	EXTERIOR ELEVATIONS
A103	REFLECTIVE CEILING PLAN
P101	PLUMBING PLAN
M101	MECHANICAL PLAN
E101	ELECTRICAL POWER PLAN
E102	ELECTRICAL LIGHTING PLAN
E103	PANEL SCHEDULE AND ONE LINE

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.
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. 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

www.dammonengineering.com
554 Old Spanish Trail
Slidell, LA 70458
PH: 985.649.5832

DATE	REVISIONS

SEAL:

NEW BUILDING

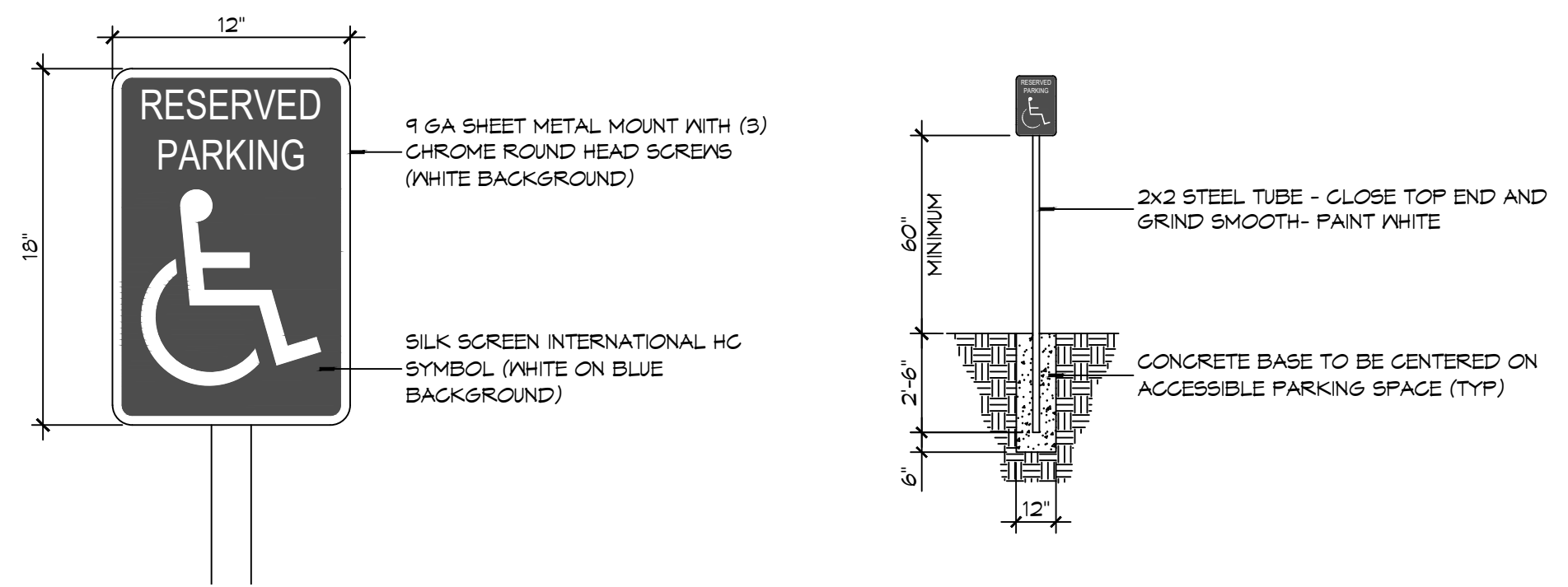
PELEGRINI MARINE ELECTRIC LLC

615 DEER CROSS COURT
MADISONVILLE, LA 70447

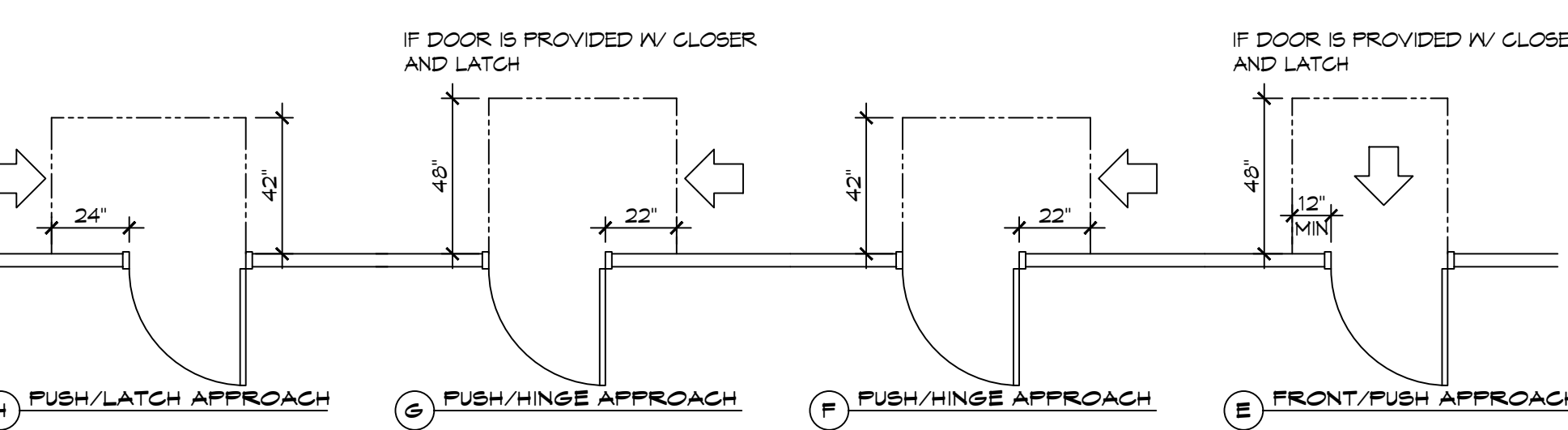
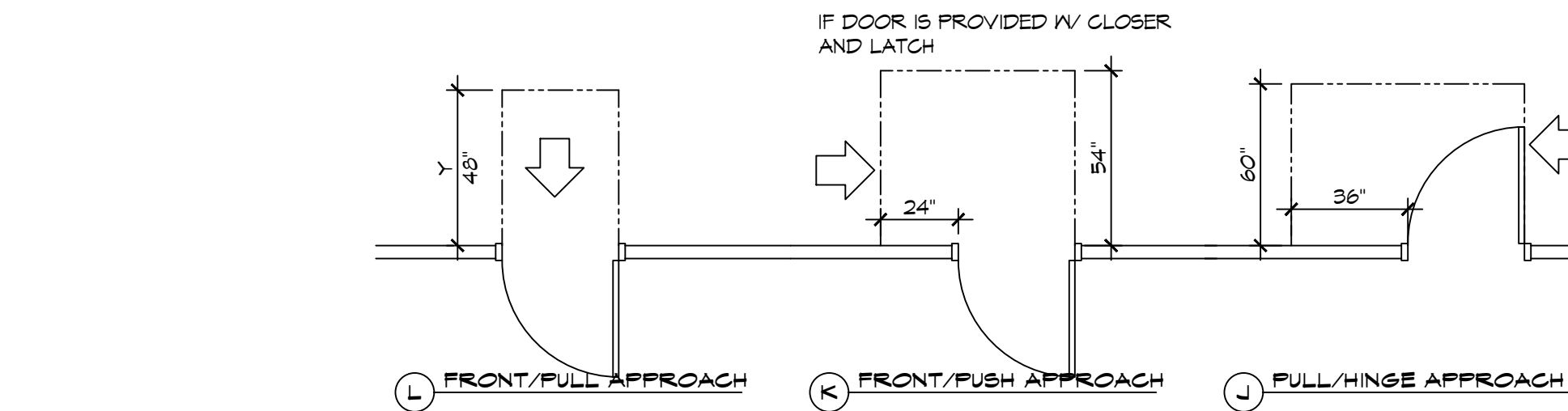
JOB NO.: 06-19-2022
DATE: 06-19-2022
DRAWN BY: CKD
CHECKED BY: JMS

G101

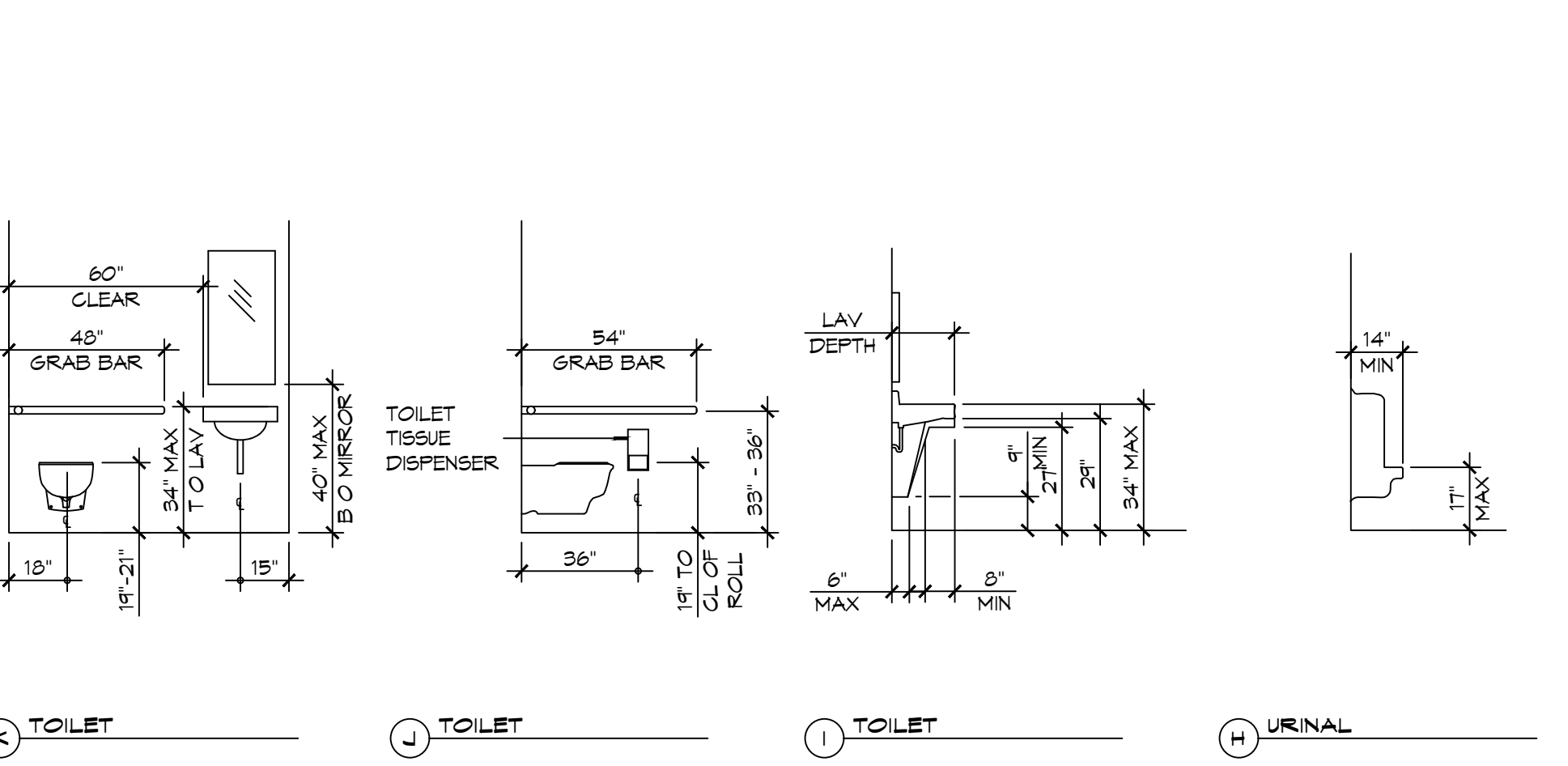
SHEET No: 1 of 14



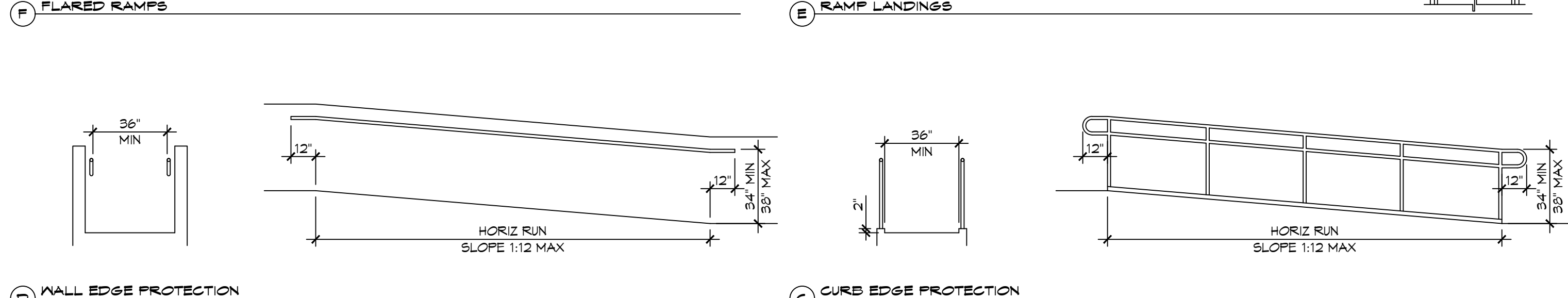
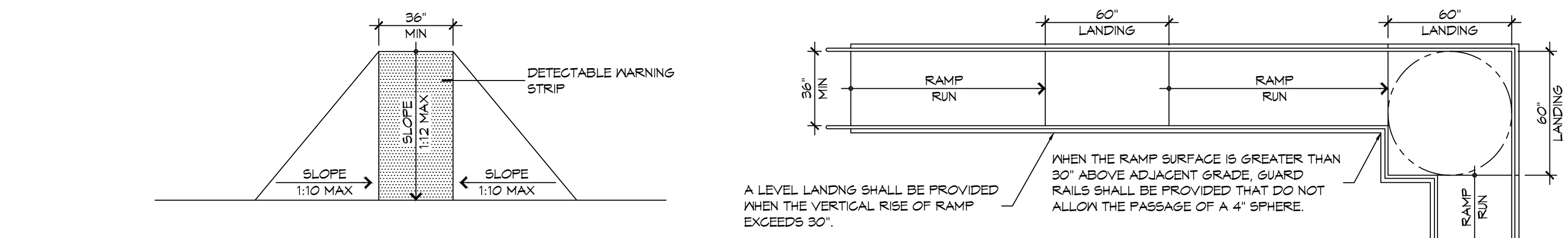
5 ACCESSIBLE SIGN
SCALE: NTS



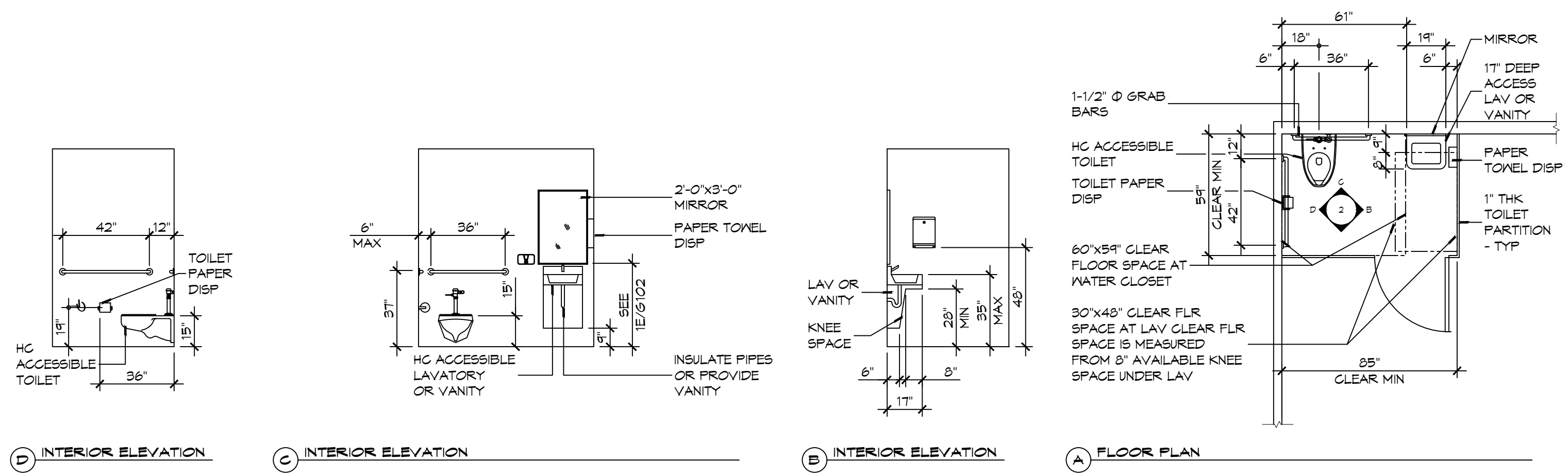
3 ADA DOOR CLEARANCES
SCALE: 1/4" = 1'-0"



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



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



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

ACCESSIBILITY NOTES

DOOR CLEARANCE NOTES
ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES. 3/6/102 - 3K/6/102.
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 DOGSLEG 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 103.2.1 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.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian M. Storch, PE
554 Old Spanish Trail
Slidell, LA 70468

#	DESCRIPTION	DATE

SEAL:

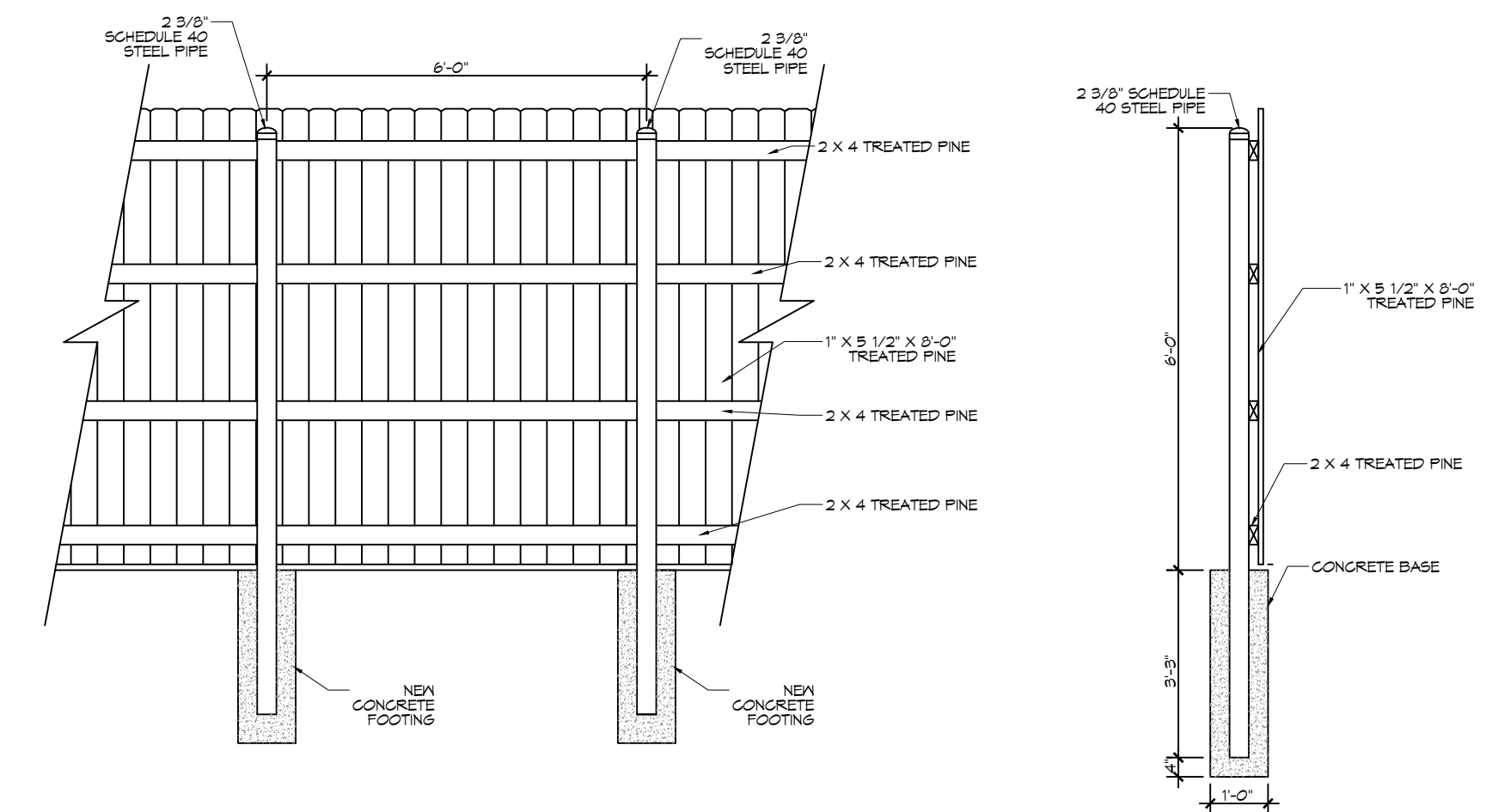
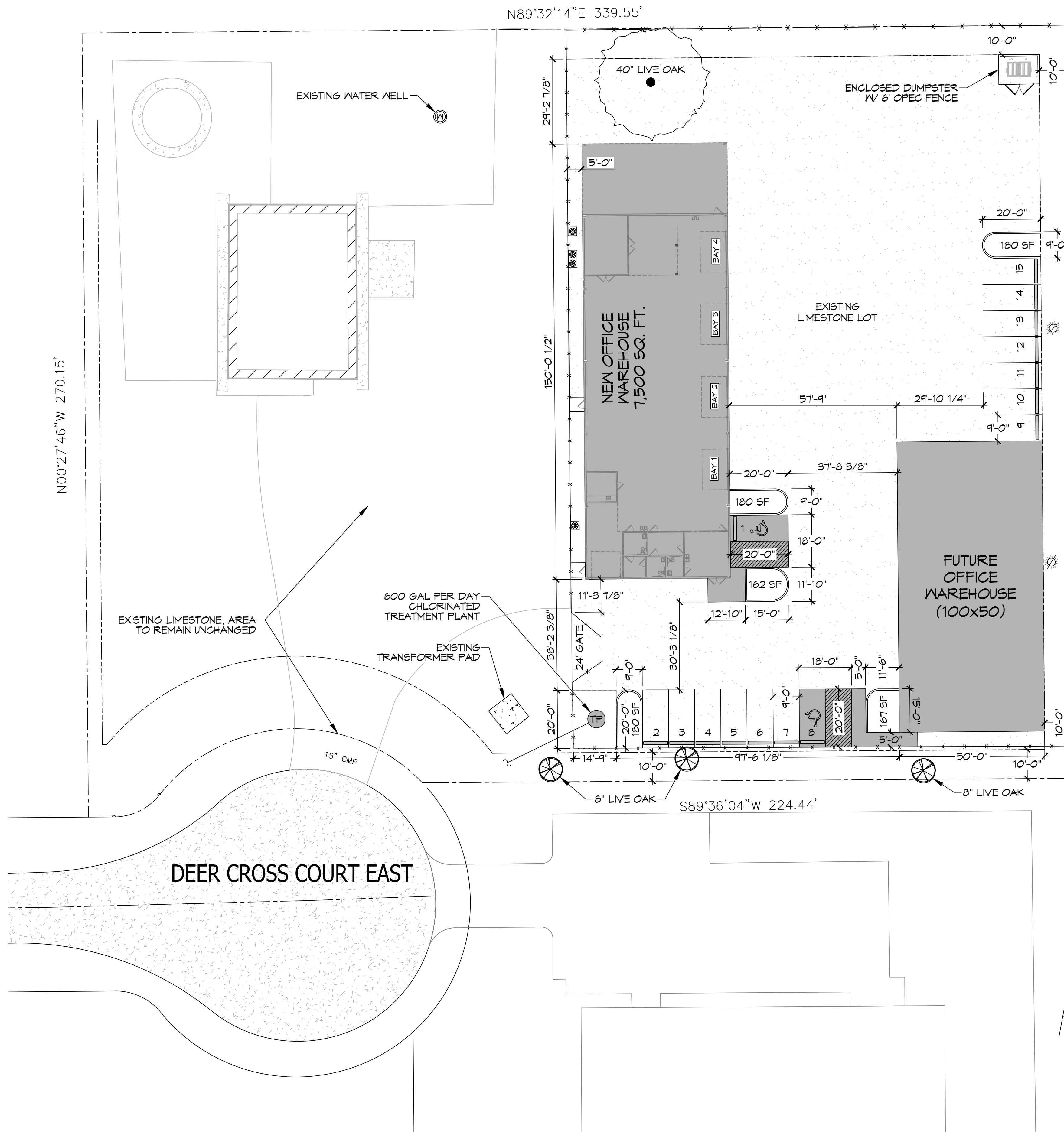
NEW BUILDING
PELEGRINI MARINE ELECTRIC LLC
619 DEER CROSS COURT,
MADISONVILLE, LA 70447
JOB NO: 06-16-2022
DRAWN BY: CKD
CHECKED BY: JME

SHEET TITLE:
ACCESSIBILITY INFORMATION

DRAWING NUMBER:
G102

SHEET No: 2 of 14

FILE NAME: \\s:_office\mms\mms111\user\jared\jared.dwg Date: 06/16/2022 09:59:32 AM



FLOOD ZONE
ZONE: C
BUILDING ELEVATION
BASE FLOOD ELEVATION N/A
PARKING
1 SPACE PER 350 SQ. FT. OF SHOWROOM 600 / 350 = 2 REQUIRED PLUS 1 SPACE PER 1000 SQ. FT. OF WAREHOUSE 7 SPACES TOTAL PARKING SPACES REQUIRED = 9 TOTAL OF PARKING SPACES PROVIDED = 15
PARKING
<ul style="list-style-type: none"> --- PROPERTY LINE - - - PROPERTY SETBACK x x x EXISTING FENCE

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Hatch, PE
554 Old Spanish Trail
Slidell, LA 70468
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.9832

#	DESCRIPTION	DATE



NEW BUILDING
PELLEGRINI MARINE ELECTRIC LLC
619 DEER CROSS COURT
MADISONVILLE, LA 70447

JOB No: _____
DATE: 06-16-2022
DRAWN BY: JMS
CHECKED BY: CKD

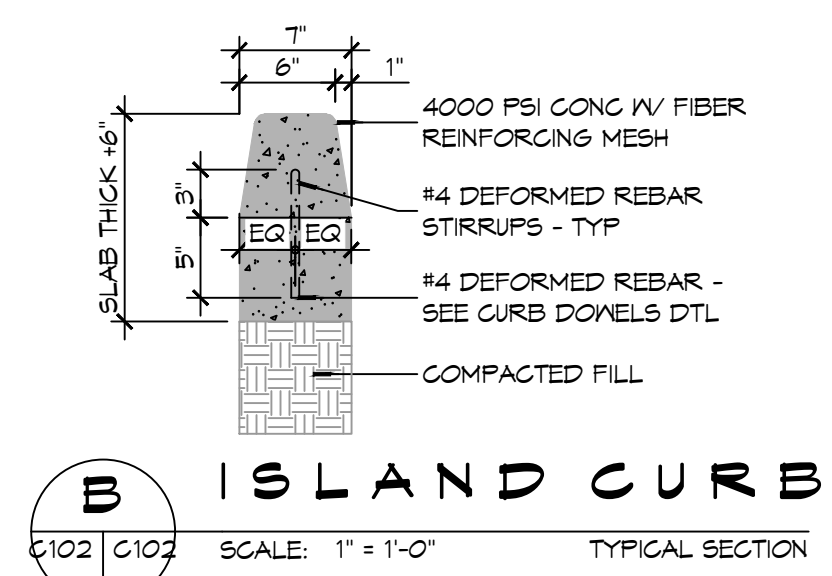
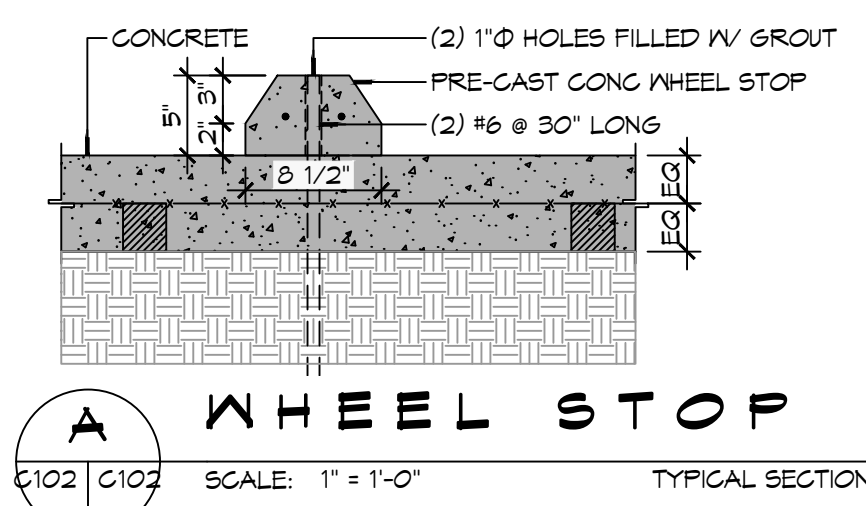
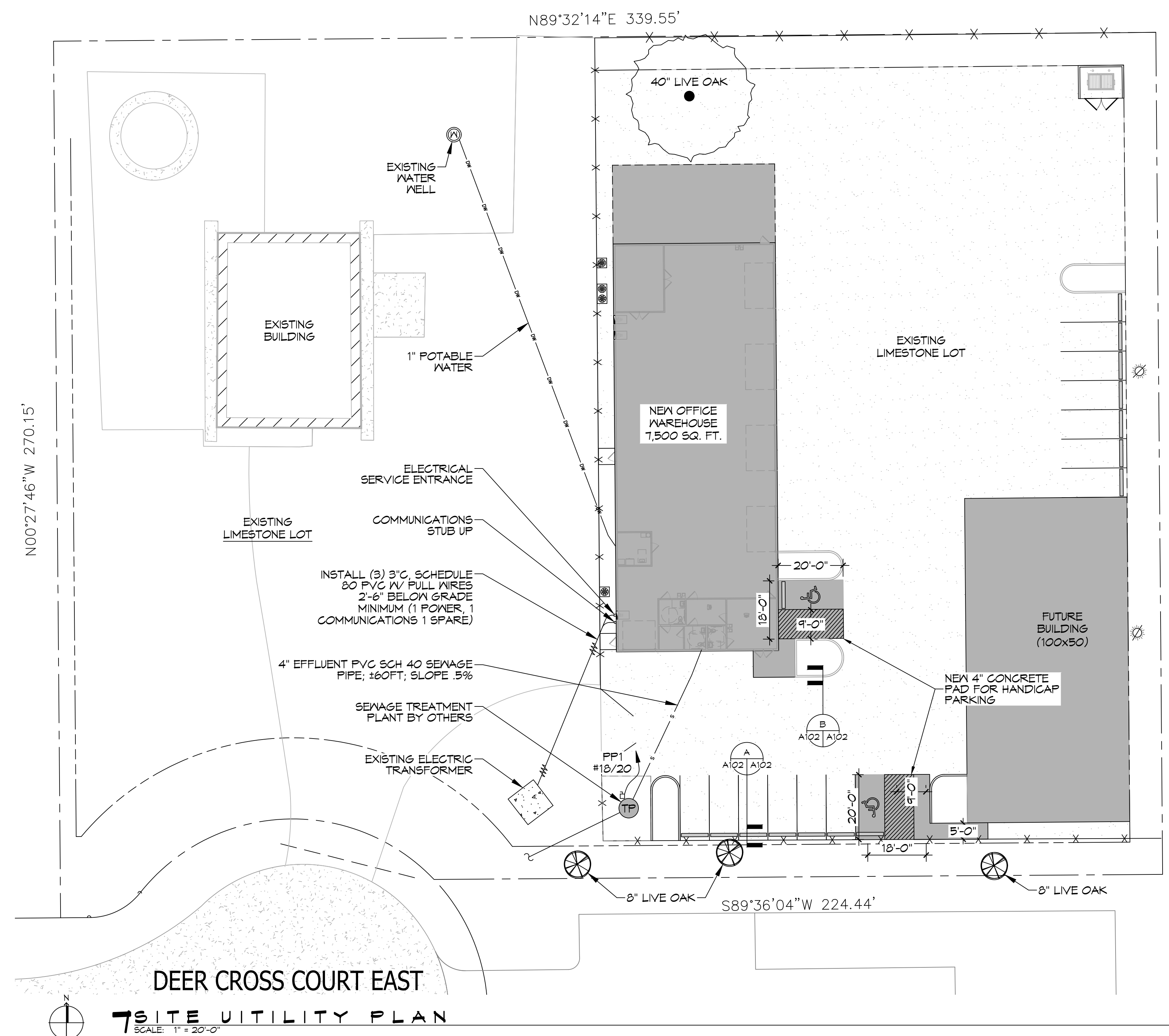
SHEET TITLE:
SITE PLAN

DRAWING NUMBER:
C101

SHEET No: 3 of 14

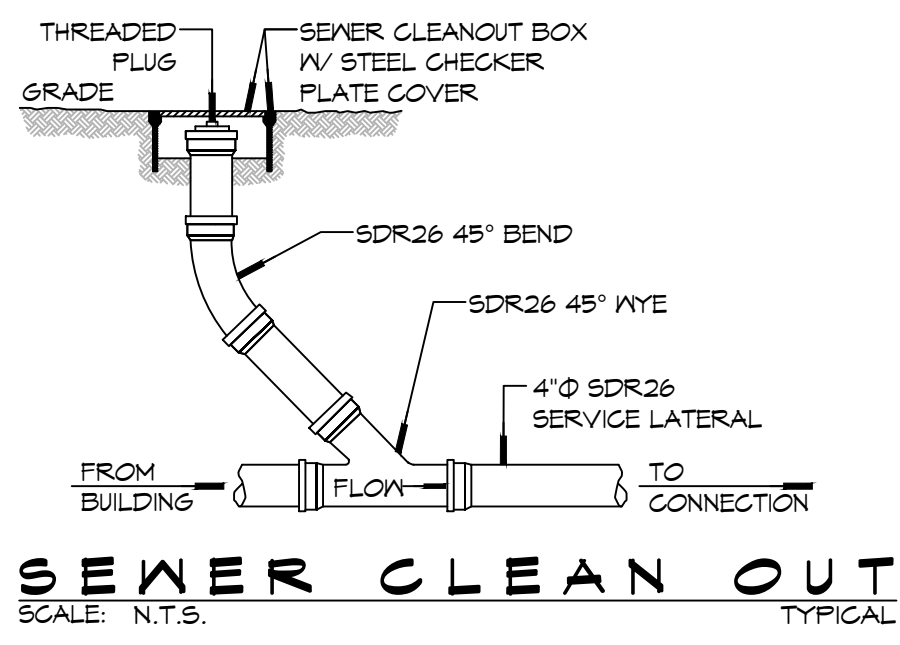
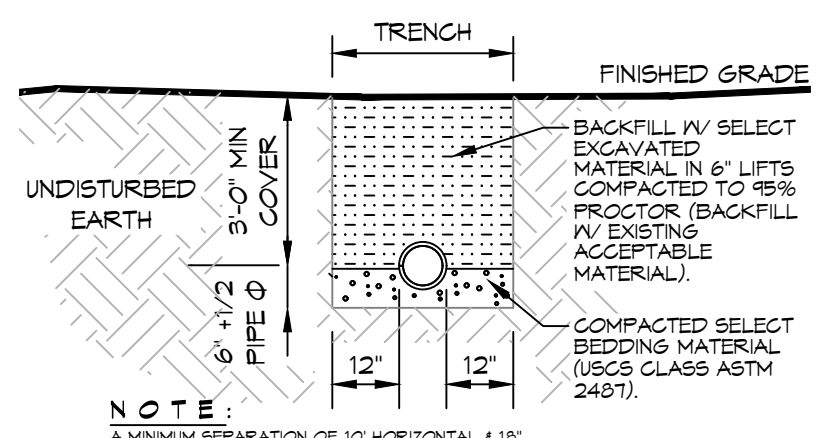
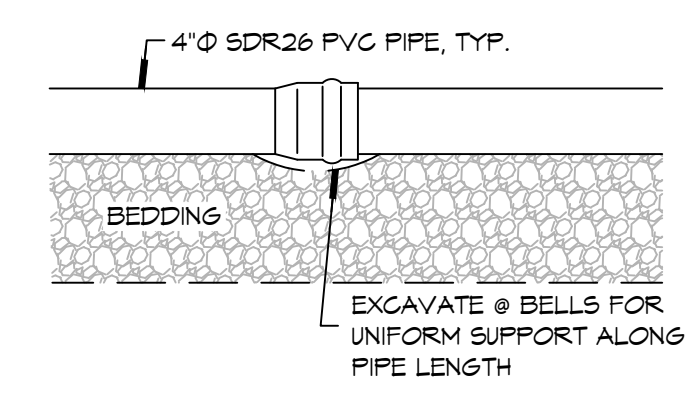
SITE PLAN
SCALE: 1" = 20'-0"

01. NAME: A-1. OFFICE: MEMPHIS, TN. DATE: 06/16/2022. DRAWN BY: BAK. CHECKED BY: CKD. DATE: 06/16/2022.



GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR PROVIDING SECURITY TO PROTECT THE PROJECT SITE, CONTRACTOR PROPERTY, EQUIPMENT, AND WORK.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR, WITH CONCURRENT WITH THE OWNER/ENGINEER, SHALL DETERMINE THE LAY-DOWN AND/OR STAGING AREA LOCATION(S).
3. THE CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNER(S) A MINIMUM OF 24 HOURS PRIOR TO BLOCKING DRIVEWAYS OR ENTERING UTILITY EASEMENTS.
4. EXISTING UTILITIES AND OTHER SITE IMPROVEMENTS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. PRIOR TO EXCAVATING, THE CONTRACTOR SHALL FIELD LOCATE (INCLUDING DEPTHS) ALL EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED CONSTRUCTION.
5. WHEN THE CONTRACTOR DISCOVERS ANY CONFLICT BETWEEN THE DESIGN LOCATION OF WORK UNDER THIS CONTRACT AND AN EXISTING UTILITY, HE SHALL NOTIFY THE OWNER AND THE ENGINEER OF THE CONFLICT IMMEDIATELY.
6. IF THE CONTRACTOR ENCOUNTERS ANY UNDOCUMENTED UTILITIES, OR OTHER HIDDEN SITE IMPROVEMENTS, HE SHALL NOTIFY THE OWNER AND THE ENGINEER OF THE CONFLICT IMMEDIATELY.
7. ALL EXISTING UTILITIES SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REPAIR OF DAMAGE TO UTILITIES SHOWN HEREIN AT HIS EXPENSE.
8. THE REMOVAL OF ANY ABANDONED UTILITIES REQUIRED TO COMPLETE THE WORK SHALL BE INCIDENTAL AND AT NO ADDITIONAL EXPENSE TO THE OWNER.
9. CONTRACTOR SHALL MINIMIZE CONSTRUCTION RELATED MUD AND DEBRIS ON SURFACES ADJACENT TO THE PROJECT SITE - LANDSCAPE, STREETS, DRIVES, SIDEWALKS, ETC.
10. TRENCHES AND OPEN EXCAVATIONS SHALL BE APPROPRIATELY MARKED AND PROTECTED BY THE CONTRACTOR. NO TRENCHES OR EXCAVATIONS SHALL REMAIN UNPROTECTED OVERNIGHT. CONTRACTOR SHALL PROVIDE PROTECTION SUFFICIENT TO MAINTAIN PUBLIC SAFETY, IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION AND OSHA REGULATIONS AS WELL AS ANY REQUIREMENTS OF THE OWNER.
11. UTILITY TRENCHES SHALL BE SHORED IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION (AHL) AND OSHA 29 CFR PART 1926.
12. CONTRACTOR IS RESPONSIBLE FOR CONTROL OF EROSION IN ACCORDANCE WITH THESE DOCUMENTS.
13. THE CONTRACTOR SHALL ADHERE TO THE NOISE ORDINANCES OF THE AREA.
14. THE CONTRACTOR SHALL ADHERE TO THE OWNER'S REQUIREMENTS FOR CONSTRUCTION PARKING AND SHALL REQUIRE THAT THEIR EMPLOYEES AND ALL SUB-TRADE EMPLOYEES PARK ONLY IN DESIGNATED AREA(S). THE OWNER WILL ADVISE THE CONTRACTOR ON THE SPECIFICS OF THESE REQUIREMENTS.
15. THE CONTRACTOR SHALL ADHERE TO THE OWNER'S CONSTRUCTION RULES OF CONDUCT IF SUCH EXISTS.
16. IRON RODS DISTURBED DURING CONSTRUCTION ARE TO BE REPLACED BY A REGISTERED PUBLIC LAND SURVEYOR FOR THE ORIGINAL PROPERTY OWNER AT NO ADDITIONAL EXPENSE TO THE OWNER.
17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STOCKPILE ALL NECESSARY MATERIAL ON-SITE OR AT A SECURED OFF-SITE LOCATION AT NO ADDITIONAL EXPENSE TO THE OWNER. ANY SUITABLE EXCAVATED MATERIAL ON THE PROJECT WHICH IS AVAILABLE AT THE TIME, WHETHER FROM STORM SEWER, ROADWAY AND/OR CHANNEL EXCAVATION, SHALL BE USED BEFORE BORROW IS BROUGHT ON-SITE.

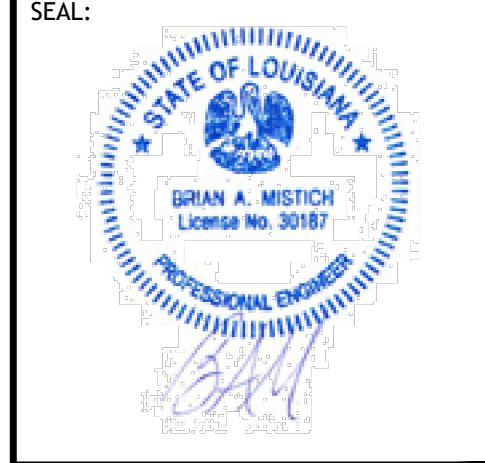


DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

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

#	DESCRIPTION	DATE



NEW BUILDING

PELEGRINI MARINE ELECTRIC LLC

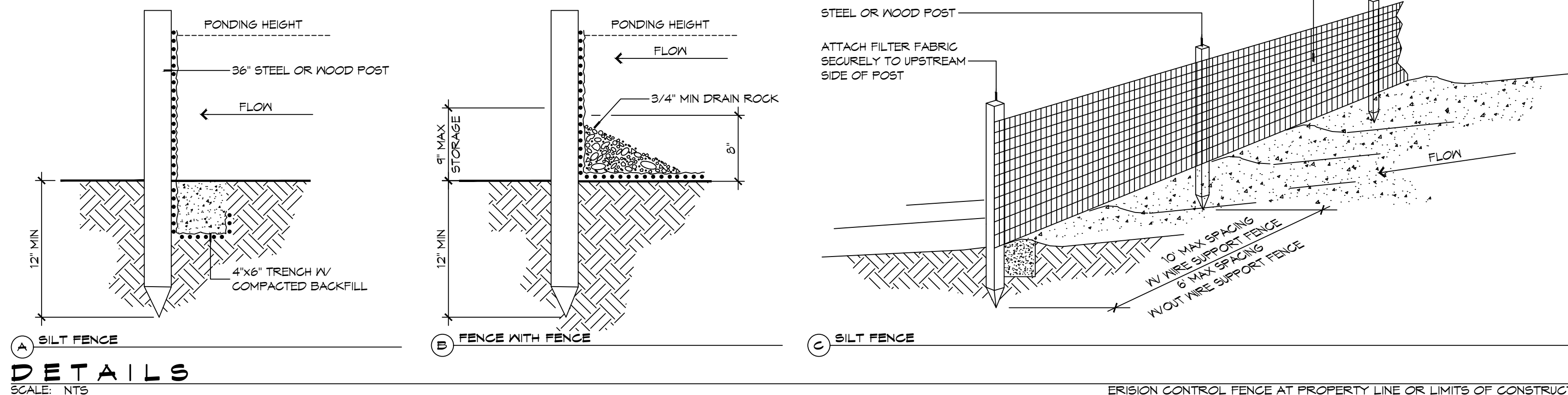
619 DEER CROSS COURT,
MADISONVILLE, LA 70447

JOB No: _____
DATE: 06-16-2022
DRAWN BY: BAK
CHECKED BY: CKD

SHEET TITLE:
SITE UTILITY AND PAVING PLAN

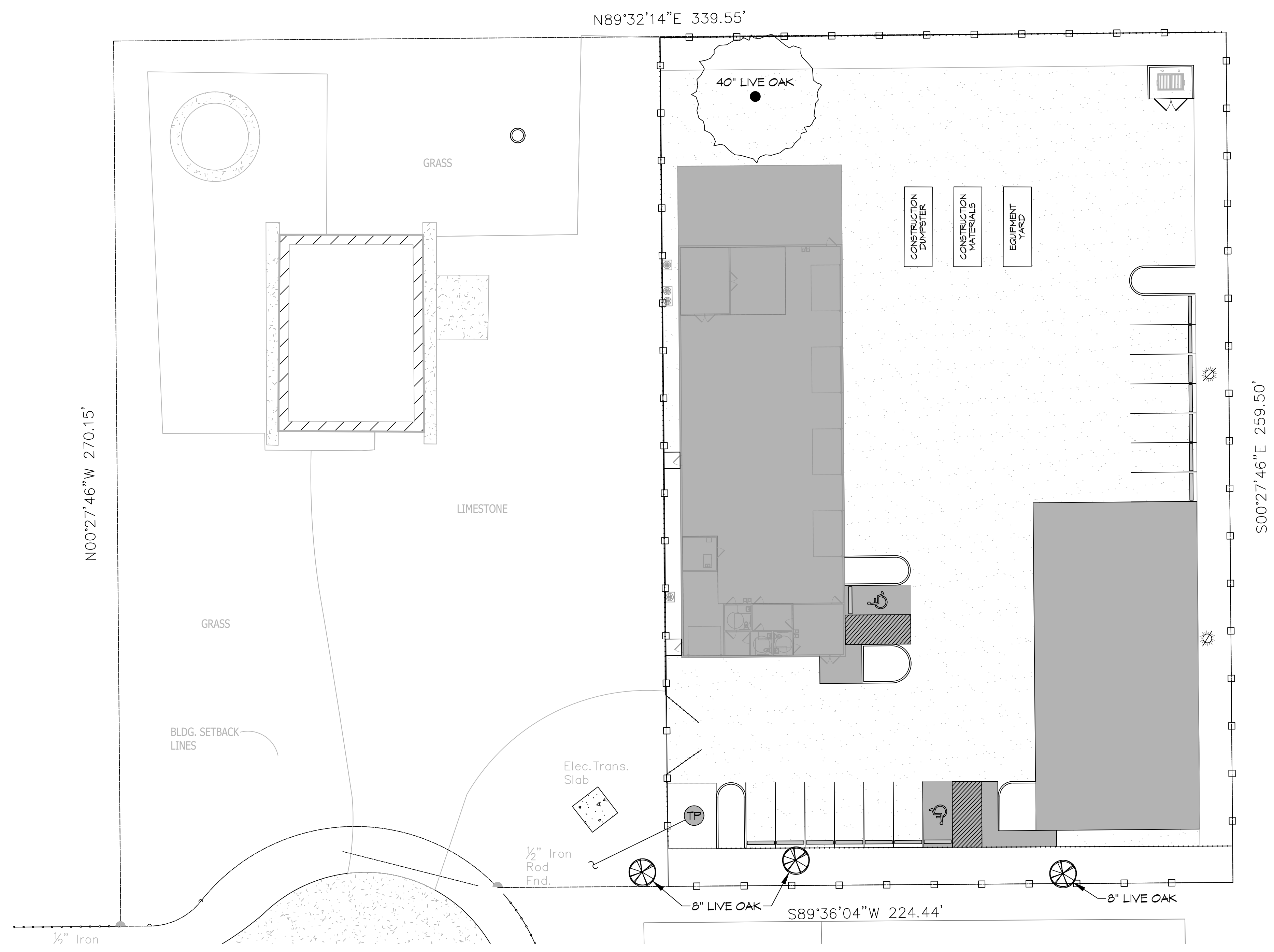
DRAWING NUMBER:
C102

SHEET No: 4 of 14



DETAILS
SCALE: NTS

EROSION CONTROL FENCE AT PROPERTY LINE OR LIMITS OF CONSTRUCTION



EROSION CONTROL PLAN
SCALE: 1" = 20'-0"

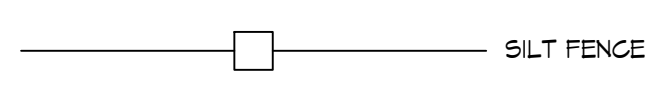
GENERAL EROSION CONTROL NOTES

1. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
2. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARDS OF THE AUTHORITY HAVING JURISDICTION.
3. APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
4. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS, AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL THE SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
5. ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION'S STANDARDS.
6. THE SITE SHALL BE AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
7. ALL CATCH BASIN INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THESE PLANS.
8. EXCAVATED MATERIAL STOCKPILED ON THE SITE SHALL BE SURROUNDED BY A RING OF UNBROKEN SEDIMENT AND EROSION CONTROL FENCE. THE LIMITS OF ALL GRADING AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THE LIMIT OF CONTRACT SHALL REMAIN TOTALLY UNDISTURBED UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
9. ANY AREA OUTSIDE THE PROJECT LIMIT THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
10. THE CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY OWNER.
11. ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.
12. ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ON TO PUBLIC/PRIVATE ROADS.

SILT FENCE INSTALLATION NOTES

1. THE BASE OF BOTH END POSTS MUST BE AT LEAST 2'-4" ABOVE THE TOP OF THE SILT FENCE FABRIC ON THE MIDDLE POSTS FOR DITCH CHECKS TO DRAIN PROPERLY. USE A HAND LEVEL OR STRING LEVEL, IF NECESSARY, TO MARK BASE POINTS BEFORE INSTALLATION.
2. INSTALL POSTS 3 - 4 FEET APART IN CRITICAL WATER RETENTION AREAS AND 6 - 7 FEET APART ON STANDARD APPLICATIONS.
3. INSTALL POSTS 24" DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC, ENABLING POSTS TO SUPPORT THE FABRIC FROM UPSTREAM WATER PRESSURE.
4. INSTALL POSTS WITH THE NIPPLES FACING AWAY FROM THE SILT FENCE FABRIC.
5. ATTACH THE FABRIC TO EACH POST WITH THREE TIES, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45° THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. ADDITIONALLY, EACH TIE SHOULD BE POSITIONED TO HANG ON A POST NIPPLE WHEN TIGHTENED TO PREVENT SAGGING.
6. WRAP APPROXIMATELY 6" OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.
7. NO MORE THAN 24" OF A 36" FABRIC IS ALLOWED ABOVE GROUND LEVEL.
8. THE INSTALLATION SHOULD BE CHECKED AND CORRECTED FOR ANY DEVIATIONS BEFORE COMPACTION. USE A FLAT-BLADED SHOVEL TO TUCK FABRIC DEEPER INTO THE SILT IF NECESSARY.
9. COMPACTION IS VITALLY IMPORTANT FOR EFFECTIVE RESULTS. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 60 PSI OF PRESSURE. COMPACT THE UPSTREAM SIDE FIRST, AND THEN EACH SIDE TWICE FOR A TOTAL OF FOUR TRIPS.
10. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
11. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. NINE INCH MAXIMUM RECOMMENDED STORAGE HEIGHT.
12. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

EROSION CONTROL LEGEND



DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammon.com
PH: 985-649-5832

Chief Engineer: Brian Wistich, PE
Civil Engineer: Travis
Sugrue, LA 70458

REVISIONS	DATE
#	DESCRIPTION
1	



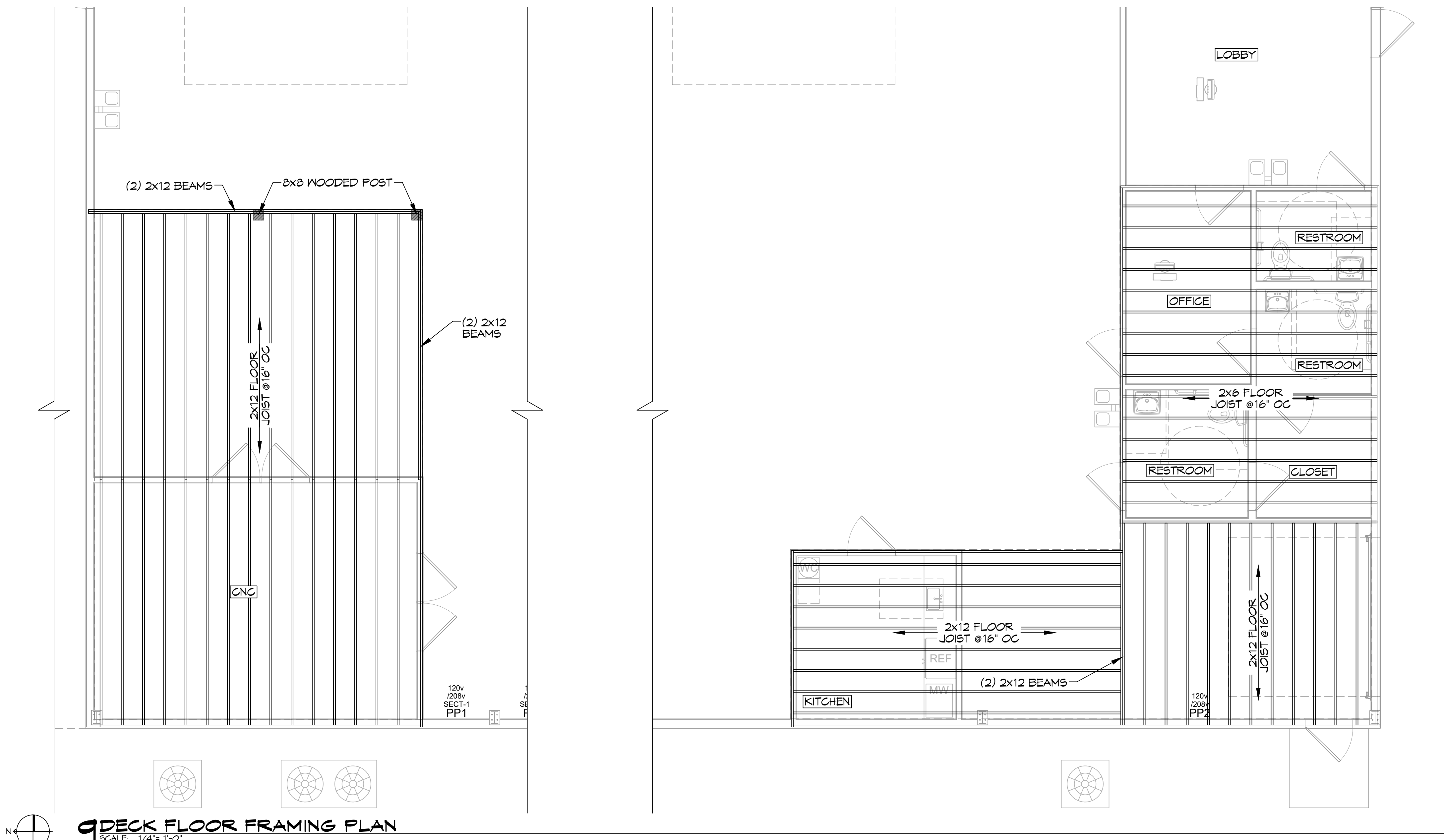
NEW BUILDING
PELLEGRINI MARINE ELECTRIC LLC
613 DEER CROSS COURT,
MADISONVILLE, LA 70447
JOB No: DATE: 06-16-2022
DRAWN BY: CKD CHECKED BY: BAW

SHEET TITLE:
EROSION CONTROL AND DETAILS

DRAWING NUMBER:
C103

SHEET No: 5 of 14

D.E. DAMMON, P.E., Chief Engineer, 554 Old Spanish Trail, Slidell, LA 70458, (504) 885-6499, info@dammoneengineering.com



DECK FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

REVISIONS	DATE
# DESCRIPTION	



NEW BUILDING
PELLEGRINI MARINE ELECTRIC LLC
613 DEER CROSS COURT,
MADISONVILLE, LA 70447
JOB No:
DRAWN BY:
DATE: 06-16-2022
CHECKED BY: C&D

SHEET TITLE:
DECK FLOOR FRAMING PLAN

DRAWING NUMBER:
S101

SHEET No: 6 of 14

DATE: 06-16-2022 11:58 AM PROJECT: NEW BUILDING PELLEGRINI MARINE ELECTRIC LLC 613 DEER CROSS COURT MADISONVILLE, LA 70441 DRAWN BY: JMS

DOOR SCHEDULE

MK	WIDTH	HEIGHT	THK	DOOR MAT	FRAME	FR	REMARKS
D01	(2) 3'-0"	8'-0"	1-3/4"	GLASS	METAL	NR	FONT DOOR W/ CLOUSER
D02	3'-0"	6'-8"	1-3/4"	METAL	METAL	NR	BACK DOOR W/ CLOUSER
D03	3'-0"	6'-8"	1-3/4"	WOOD	METAL	NR	
D04	3'-0"	6'-8"	1-3/4"	WOOD	METAL	NR	RESTROOM DOOR W/ CLOUSER
D05	3'-0"	6'-8"	1-3/4"	WOOD	METAL	NR	KITCHEN DOOR W/ CLOUSER
D06	(2) 3'-0"	6'-8"	1-3/4"	WOOD	METAL	NR	
D07	14'-0"	14'-0"	1-3/4"	METAL	METAL	NR	ROLL-UP DOOR
D08	10'-0"	14'-0"	1-3/4"	METAL	METAL	NR	ROLL-UP DOOR
D09	3'-0"	6'-8"	1-3/4"	WOOD	METAL	45 MIN.	RESTROOM DOOR W/ CLOUSER
D10	3'-0"	6'-8"	1-3/4"	WOOD	METAL	45 MIN.	DOOR W/ CLOUSER

GA FILE NO. WP-3514
GENERIC

GENERAL NOTES

ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2x4 WOOD STUDS 16" O.C. WITH 1-1/4" TYPE W DRYWALL SCREWS 12" O.C.

JOINTS STAGGERED 16" ON OPPOSITE SIDES. (LOAD BEARING)

1 HOUR FIRE 35 TO 39 STC SOUND

THICKNESS: 4-3/4"
APPROX. WEIGHT: 7 PSF
FIRE TEST: SWRI 01-4511-619, 8-19-02
SOUND TEST: SEE WP 3520 (G&H NG-246FT, 7-2-65)

- INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF IBC 2012 SECTION 719.
- CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND SMOKE DEVELOPED INDEX OF 0-450, EXCEPT THAT IN COMBUSTIBLE (WOOD FRAME) CONSTRUCTION.
- FACINGS SHALL COMPLY WITH IBC 2012.
- 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 GULLING SHALL BE THICKAL 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.
- ALL BATT INSULATION SHALL HAVE A CLASS "A" (0-25) FLAME SPREAD IN COMPLIANCE WITH IBC 2012.
- USE 2x6 STUDS OR TWO 2x4 STAGGERED STUDS WITH 2x6 GILL 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 DEVELOPMENT RATING OF 0-450.
- 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.)
- SERVICE COUNTERS SHALL HAVE AN ACCESSIBLE WRITING SURFACE IN COMPLIANCE WITH ADAAG ACCESSIBILITY GUIDELINES 2010, SECTION 902.3.

DAMMON

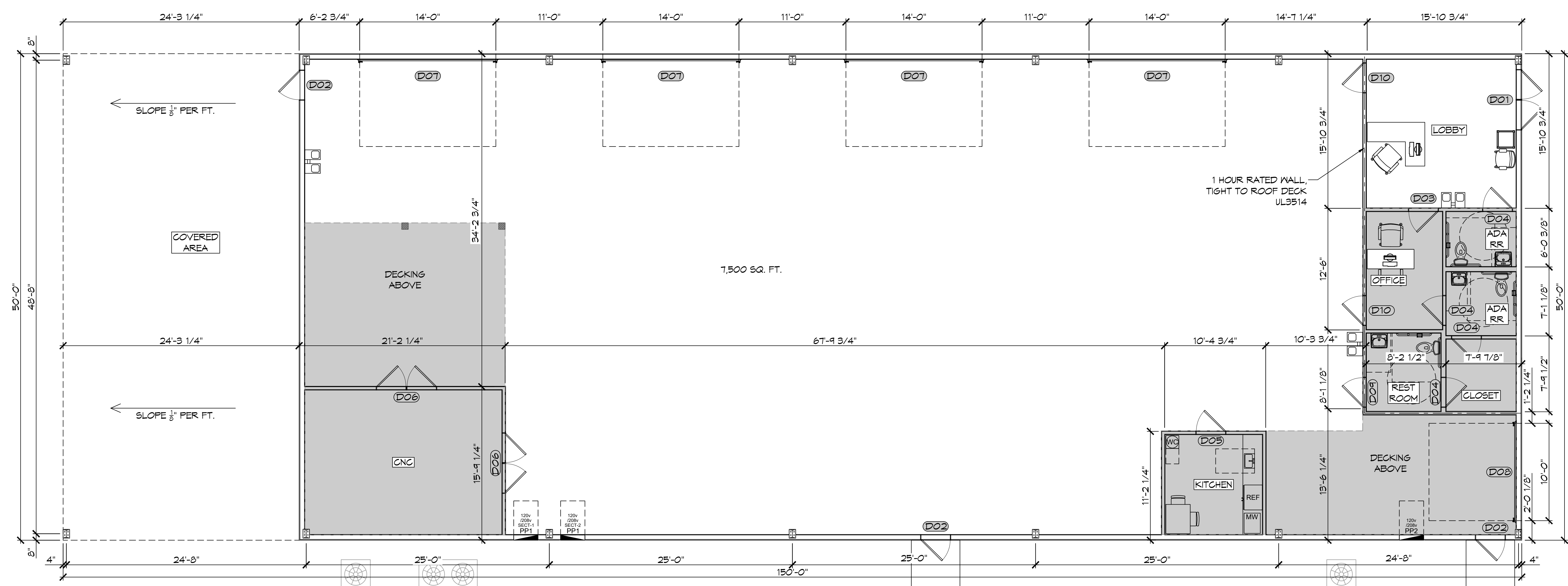
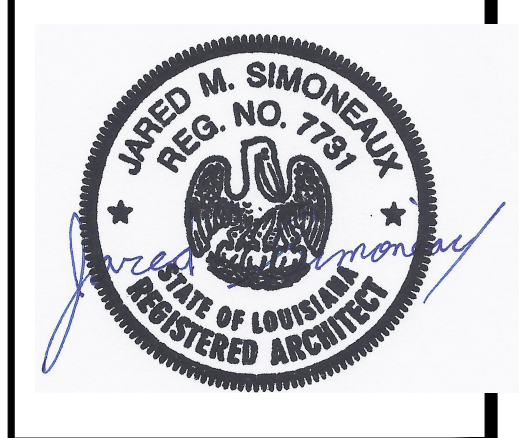
ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.8832

Chief Engineer: Brian March, PE
554 Old Spanish Trail
Stell, LA 70458

#	DESCRIPTION	DATE



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

NEW BUILDING

PELLEGRINI MARINE ELECTRIC LLC

613 DEER CROSS COURT, MADISONVILLE, LA 70441

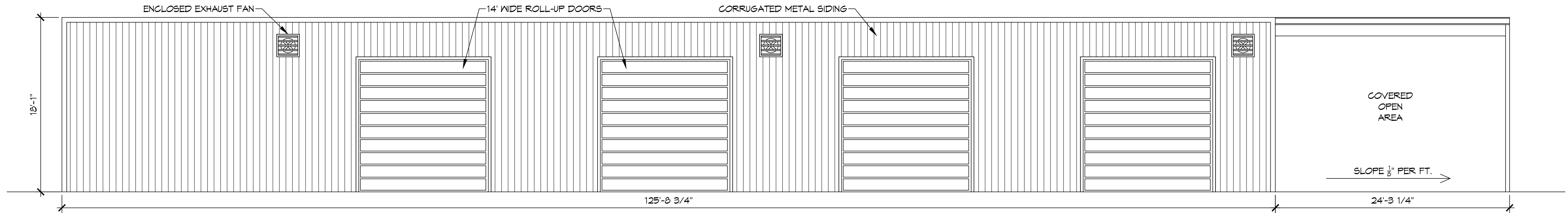
JOB No: DATE: 06-16-2022

DRAWN BY: JMS CHECKED BY: C-K-D

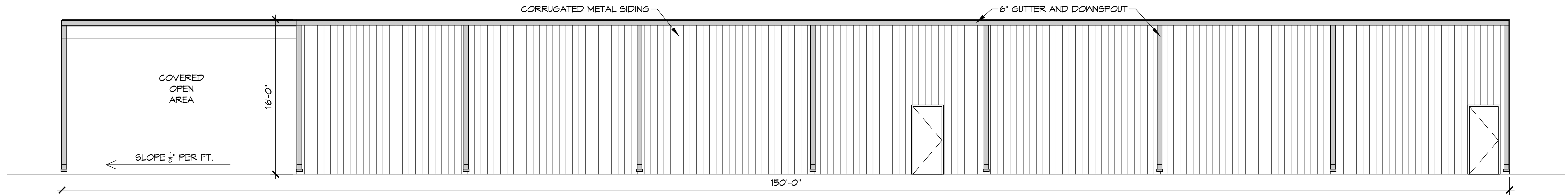
SHEET TITLE:
FLOOR PLAN

DRAWING NUMBER:
A101

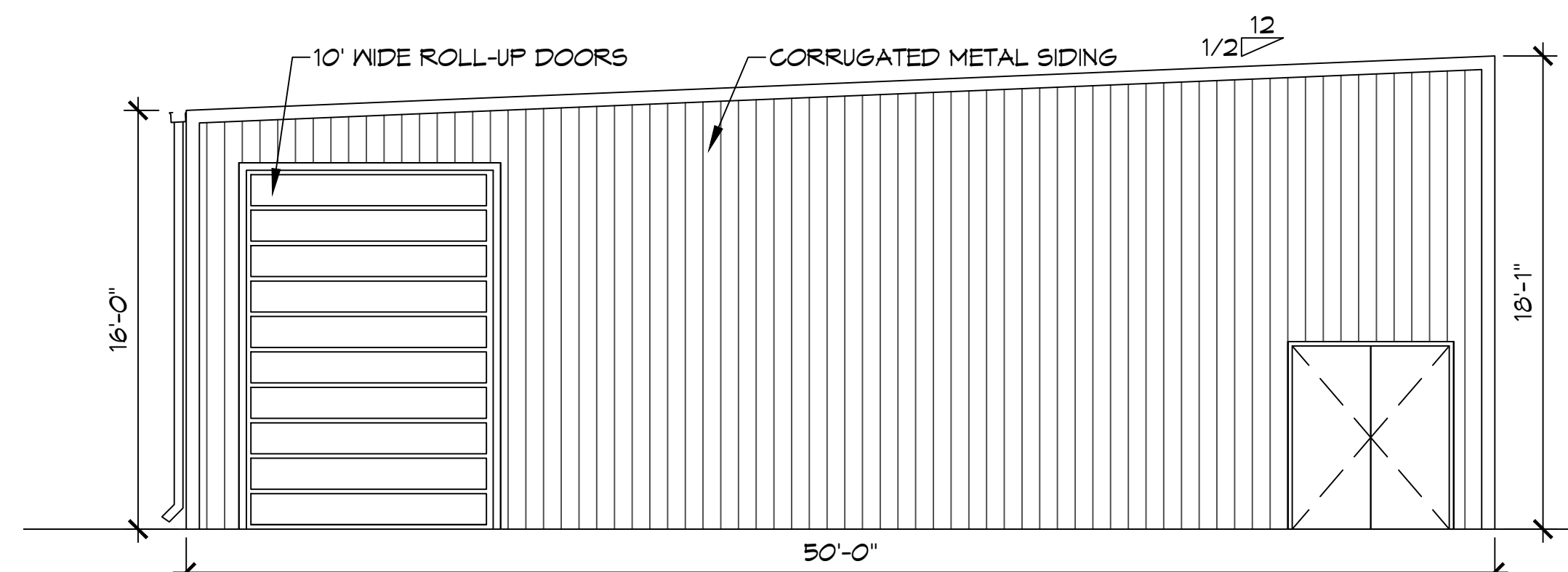
SHEET No: 7 of 14



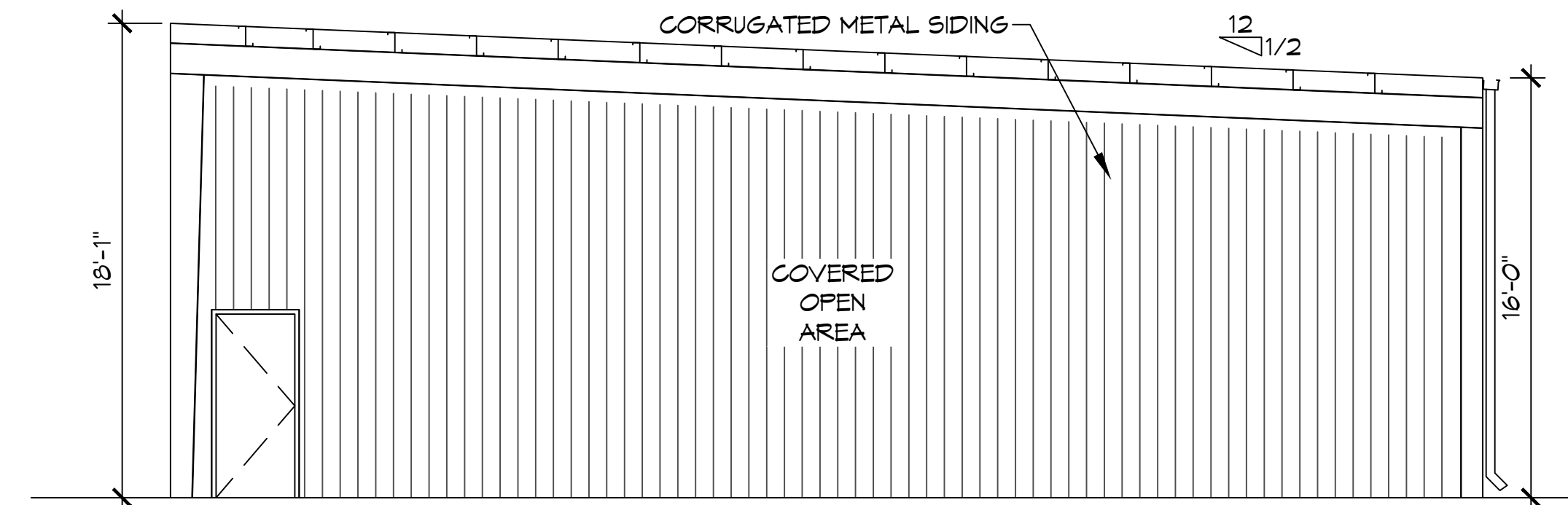
11 FRONT ELEVATION
SCALE: 3/16"=1'-0"



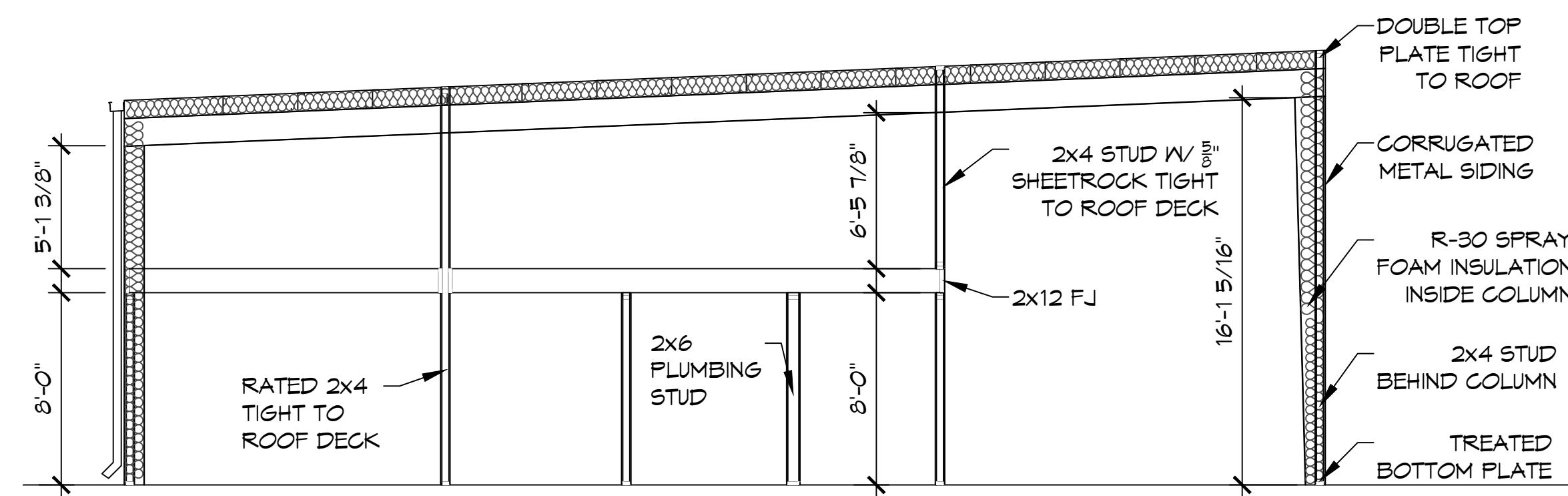
12 REAR ELEVATION
SCALE: 3/16"=1'-0"



13 LEFT ELEVATION
SCALE: 3/16"=1'-0"



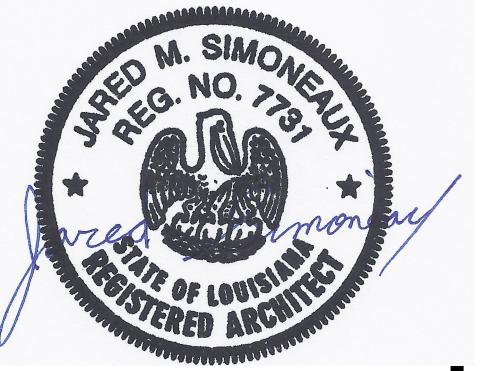
14 RIGHT ELEVATION
SCALE: 3/16"=1'-0"



15 LEFT SECTION VIEW
SCALE: 3/16"=1'-0"

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.8832
Chief Engineer: Brian Misch, PE
554 Old Spanish Trail
Stell, LA 70458

#	DESCRIPTION	DATE




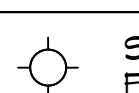
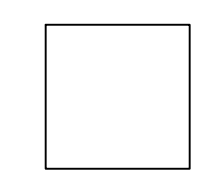
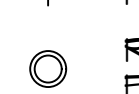

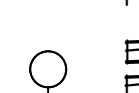
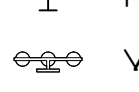

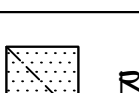



NEW BUILDING
PELLEGRINI MARINE ELECTRIC LLC
613 DEER CROSS COURT,
MADISONVILLE, LA 70441
JOB No: DATE: 06-16-2022
DRAWN BY: CKD CHECKED BY: JAS

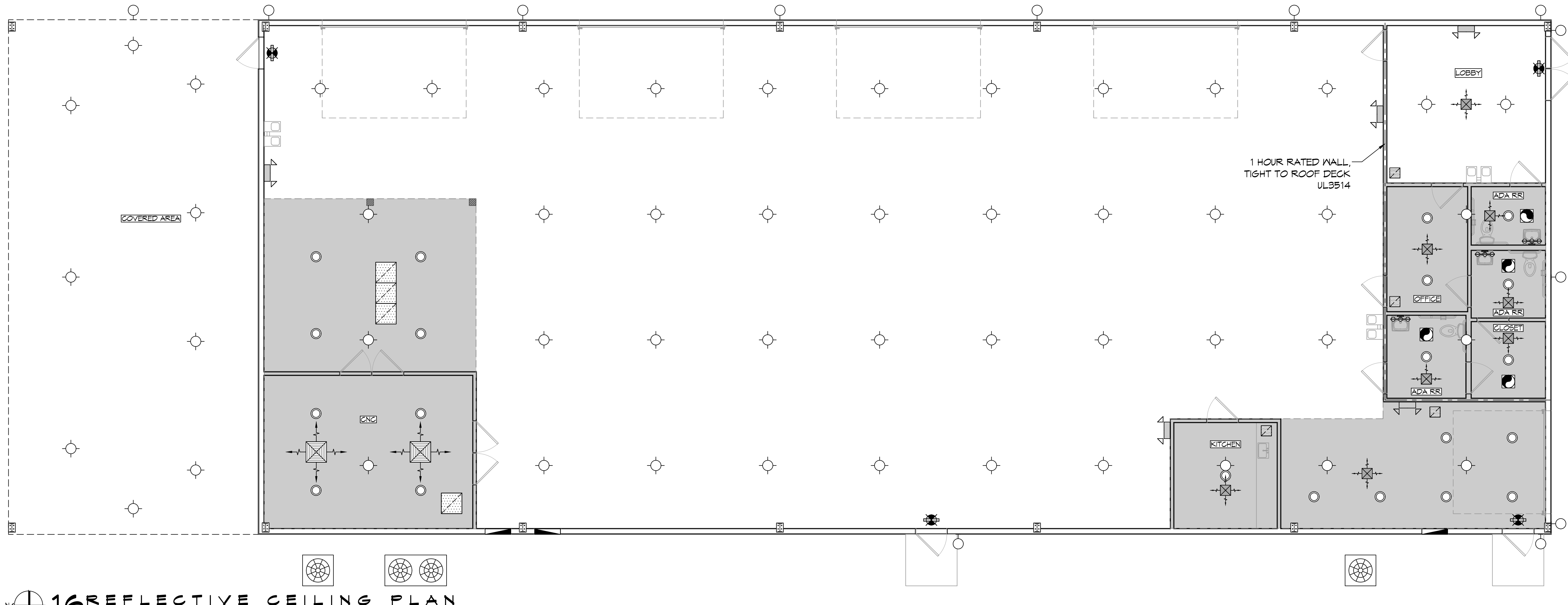
SHEET TITLE:
EXTERIOR ELEVATIONS

DRAWING NUMBER:

A102

FILE NAME: A:_Office\NewBuild\111_0621_001_Court_Hdr_Architect\0621001_Court_Hdr_Architect.dwg DATE: 06/16/2022 10:03:14 AM

CEILING TYPE		REFLECTED CEILING LEGEND	
	SHEETROCK - 8' AFF		SUSPENDED LIGHT FIXTURE (16' AFF)
	OPEN - 16' AFF		RECESSED LIGHT FIXTURE (8' AFF)
	DECK ABOVE		EXTERIOR LIGHT FIXTURE ON SENSOR
			VANITY LIGHT
			EMERGENCY LIGHT FIXTURE - WALL MOUNTED
			RETURN AIR GRILLE
			SUPPLY AIR GRILLE
			EXHAUST FAN - SEE MECHANICAL
			EXIT LIGHT FIXTURE - CEILING MOUNTED



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

DAMMON

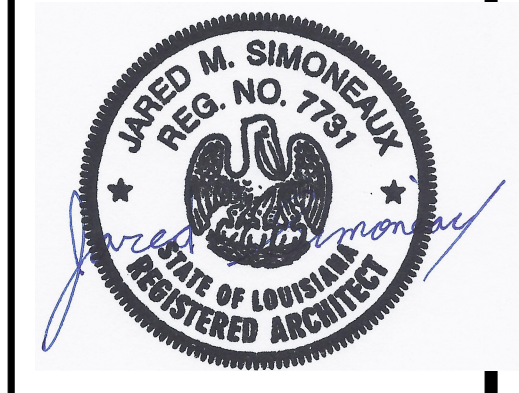
ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian March, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.8832

REVISIONS	DATE
#	DESCRIPTION

SEAL:



NEW BUILDING
PELLEGRINI MARINE ELECTRIC LLC
613 DEER CROSS COURT,
MADISONVILLE, LA 70441
JOB No: DATE: 06-16-2022
DRAWN BY: CKD CHECKED BY: JMS

SHEET TITLE:
REFLECTIVE CEILING PLAN

DRAWING NUMBER:
A103

SHEET No: 9 of 14

DATE: 06-16-2022
 PROJECT: 22-001
 SHEET: P101
 DRAWN BY: JMS
 CHECKED BY: CKD
 DATE: 06-16-2022
 PROJECT: 22-001
 SHEET: P101

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
DF	DRINKING FOUNTAIN	-	2"	1-1/2"	3/4"	-	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:**
- INSULATE PIPING FOR HANDICAP FIXTURE.
 - PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURE.
 - HANDICAP FIXTURE
 - INSTALL CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.
 - PROVIDE ASSE 1016 COMPLIANT VALVE

GENERAL PLUMBING FIXTURE NOTES

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

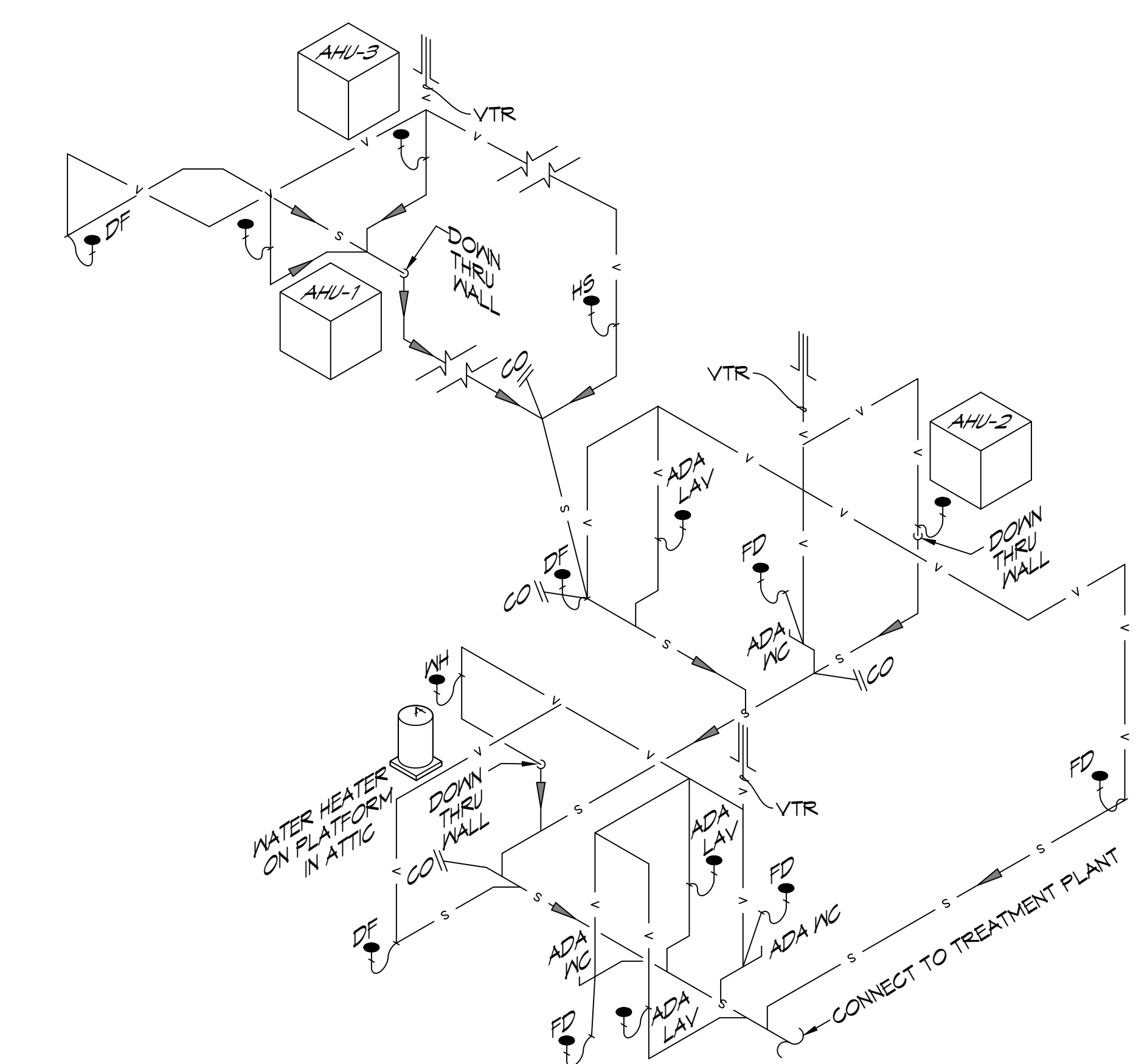
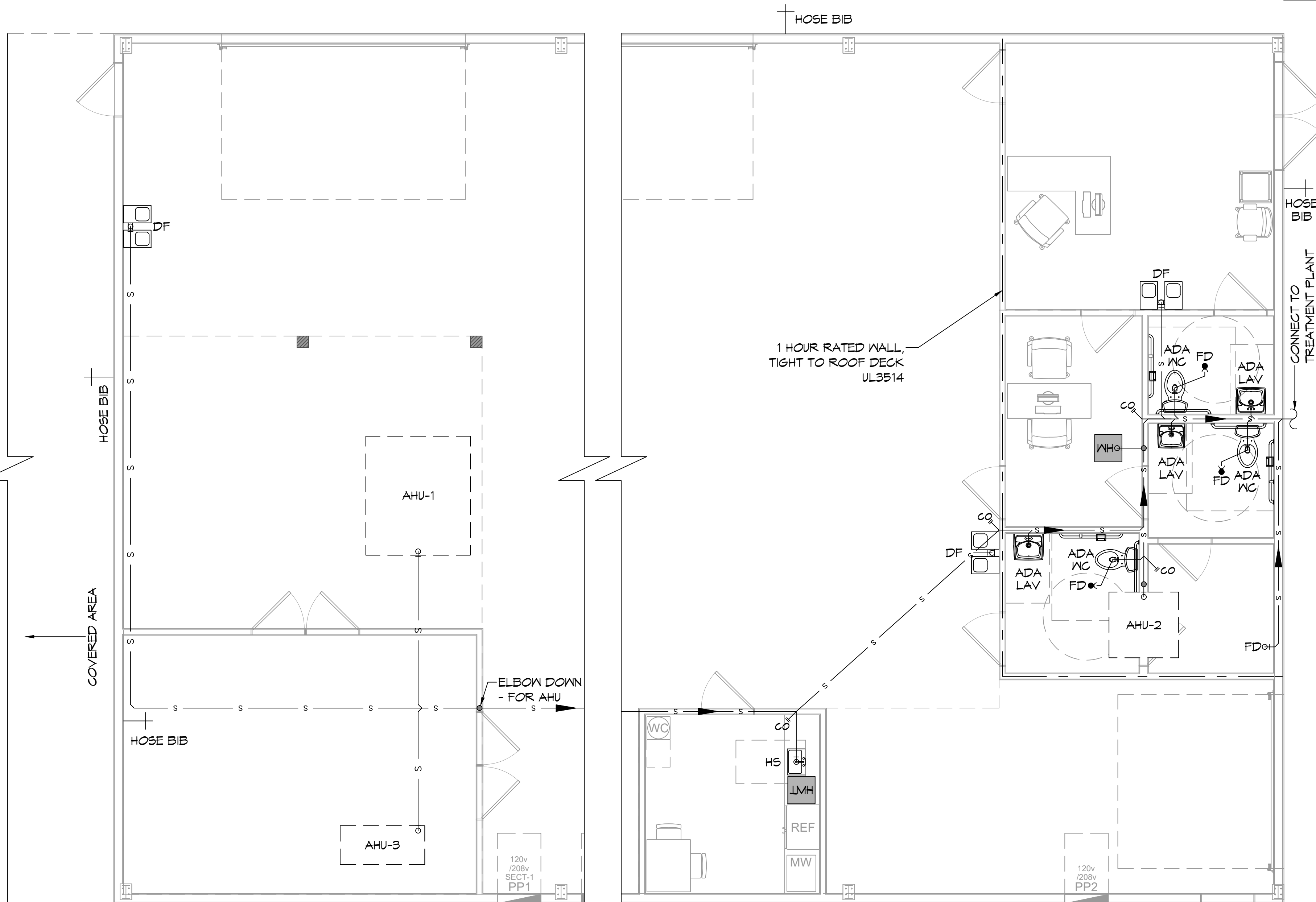
SYMBOLS & ABBREVIATIONS

- CO LINE CLEAN OUT
 VTR VENT THRU ROOF
 V VENTILATION LINE
 S SEWAGE LINE

ALL SANITARY SEWER ARE DIAGRAMMATICALLY DRAWN FOR CLARITY.

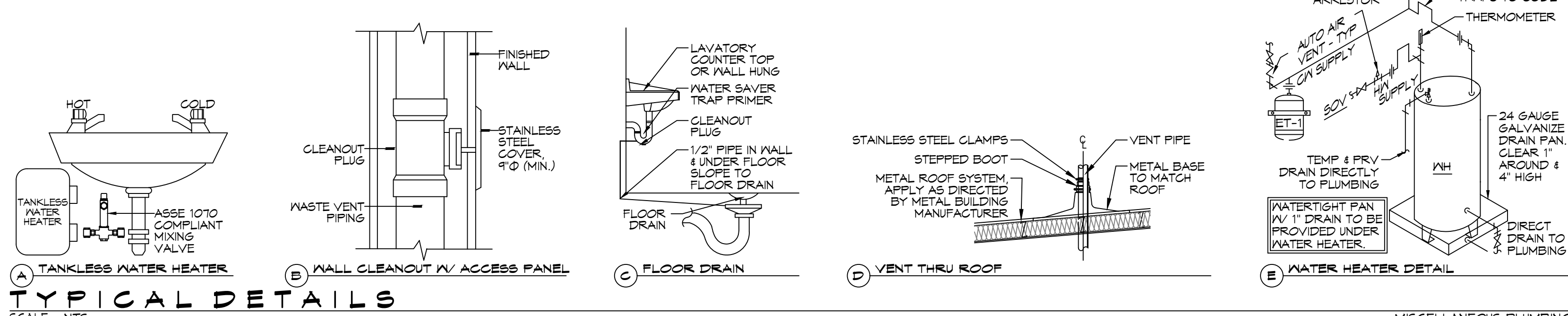
GENERAL PLUMBING NOTES

- PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEALED 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. MUST MEET LA STATE PLUMBING CODE 2013 REQUIREMENTS.
- 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 B88 COPPER WATER TUBE, TYPE L, HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B92, ALLOY GRADE 98A (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.)
- ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.



17 PLUMBING PLAN
 SCALE: 1/4" = 1'-0"

18 PLUMBING DIAGRAM
 SCALE: NTS



TYPICAL DETAILS
 SCALE: NTS

MISCELLANEOUS PLUMBING

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.8832

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

REVISIONS	DATE

SEAL:

NEW BUILDING

PELLEGRINI MARINE ELECTRIC LLC

613 DEER CROSS COURT,
 MADISONVILLE, LA 70441

JOB No: 22-001
 DATE: 06-16-2022
 DRAWN BY: JMS
 CHECKED BY: CKD

SHEET TITLE:
 PLUMBING PLAN

DRAWING NUMBER:
P101

SHEET No: 10 of 14

SPLIT SYSTEM HEAT PUMP SCHEDULE																					
TAG	TRANE AIR HANDLER MODEL NO.	NOMINAL TONS	TOTAL CFM	AIR HANDLER				HEAT PUMP						REMARKS							
				OA CFM	COOLING		Motor HP	ESP (° WC)	AUX. HEAT KW	POWER			MCA		BRKR SIZE						
					TMBH	SMBH				VAC	PH	Hz									
AHU-1	TWE18043B	15	5400	860	169.9	127.8	3	0.6	19.9	240	3	60	72	80	CU-1	TWA18043D	240	3	66	90	1, 2, 3, 4
AHU-2	TEMA60C36	3	1260	70	33.1	29.3	1/2	0.4	4.8	240	1	60	30	30	CU-2	4TWR4036	240	1	22	35	1, 2, 3, 4
AHU-3	TEMA60C30	2.5	980	160	29.9	21.9	1/3	0.4	3.8	240	1	60	24	25	CU-3	4TWR4030	240	1	15	25	1, 2, 3, 4

NOTES:
 1. Cooling capacities to rated in accordance with AHRI standard 210/290 for ASHRAE standard design weather conditions in New Orleans, LA.
 2. Provide inlet filter box, time delay relay, condensate overflow switch and programmable 7/24 thermostat with lockable cover.
 3. Install units in accordance with manufacturer's recommendations.
 4. Provide new filters after commissioning and final acceptance.

DIFFUSER SCHEDULE			
TAG	SERVICE	NECK SIZE	DESCRIPTION
A	Supply Air	Ref. Plan	12"x12" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel
B	Supply Air	Ref. Plan	24"x24" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel
C	Return Air	Ref. Plan	24" X 24" Perforated, Ducted Return, Titus PAR
D	Return Air	Ref. Plan	12" X 12" Perforated, Ducted Return, Titus PAR

Notes:
 1. Seal around perimeter of diffusers/grilles to prevent moisture migration from attic space
 2. Coordinate with owner / architect for color and finish
 3. R value of insulated back panels to exceed R-6

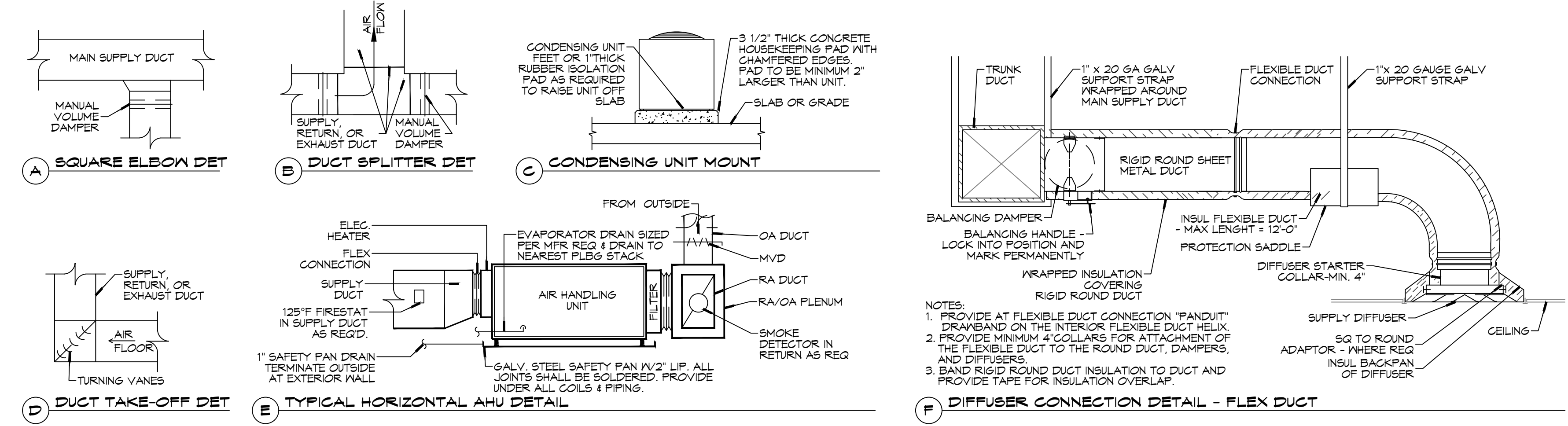
Exhaust Fan Schedule									
Tag	Airflow (CFM)	TSP (° wc)	Amps	Volts	Phase	Hz	Make / Model		Remarks
EF-1	50	0.2	1	120	1	60	Broan 673		1, 2
EF-2	90	0.3	0.4	120	1	60	Broan A110		1, 2
EF-3	2,800		3	120	1	60	Strongway 52853		1, 2

1. Interlock with light switch
 2. Install per Manufacturer's recommendations.

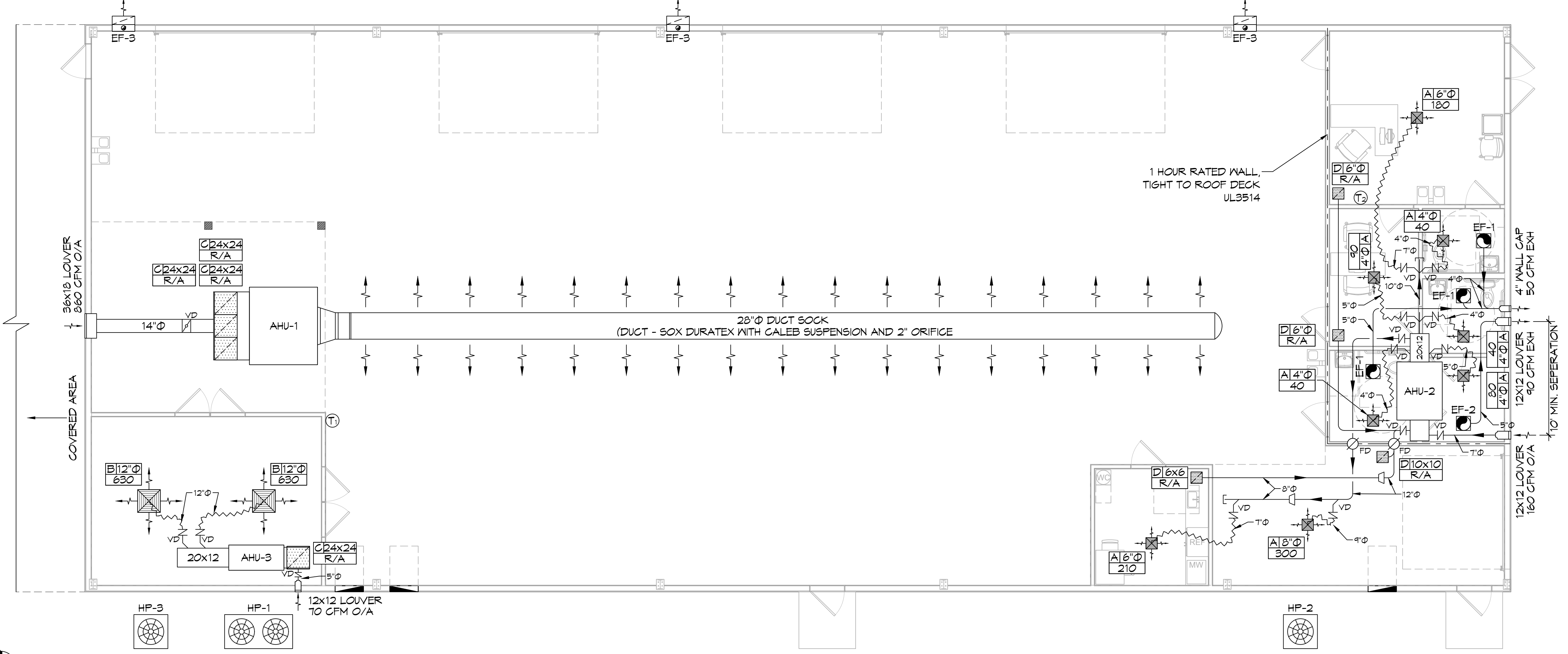
HVAC LEGEND

	SUPPLY AIR GRILLE	ROUND FLEX DUCT, MAX LENGTH 12'-0", MIN. R-6. DUCT SIZE AS FOLLOWS: 250 CFM TO 350 CFM = 9" 200 CFM TO 250 CFM = 8" 150 CFM TO 200 CFM = 7" 100 CFM TO 150 CFM = 6"
	RETURN AIR GRILLE	
	FIRE DAMPER	
	DAMPER CONTROL	CFM NECK SIZE MARK
	THERMOSTAT	1 HR FIRE RATED WALL
	EXHAUST FAN	WALL MOUNTED EXHAUST FAN & LOUVER

- ### HVAC NOTES
- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL WRAPPED WITH FIBROUS GLASS DUCT WRAP WITH FSK VAPOR BARRIER, MIN R-6, INSTALLED PER SMAGNA STANDARDS. DUCT WORK IMMEDIATELY DOWNSTREAM FROM RTU SHALL BE LINED FOR SOUND ATTENUATION.
 - EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6, INSTALLED PER SMAGNA 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 12E 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 SWITCHES. 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 AHS. 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.



TYPICAL DETAILS
 SCALE: N.T.S.



DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Mistich, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985-649-5832

#	DESCRIPTION	DATE

SEAL:

NEW BUILDING
PELEGRINI MARINE ELECTRIC LLC
 619 DEER CROSS COURT,
 MADISONVILLE, LA 70447
 JOB No: 06-16-2022
 DRAWN BY: BAK
 CHECKED BY: CKD
 SHEET TITLE: MECHANICAL PLAN
 DRAWING NUMBER:
M101

KEYED NOTES

- ⚠ MANUAL MOTOR SWITCHES (FOR CONTROLLING EXHAUST FANS) SHALL BE MARKED "SUITABLE AS A MOTOR DISCONNECT" PER NEC 430.109 AND 430.110. - MOUNT 4'-4" ABOVE FLOOR.
- ⚠ MANUAL MOTOR SWITCHES FOR ROLL UP DOORS SHALL BE MARKED "SUITABLE AS A MOTOR DISCONNECT" PER NEC 430.109 AND 430.110. - MOUNT ADJACENT TO DOOR OPERATOR, APPROX. 15' A.F.F.

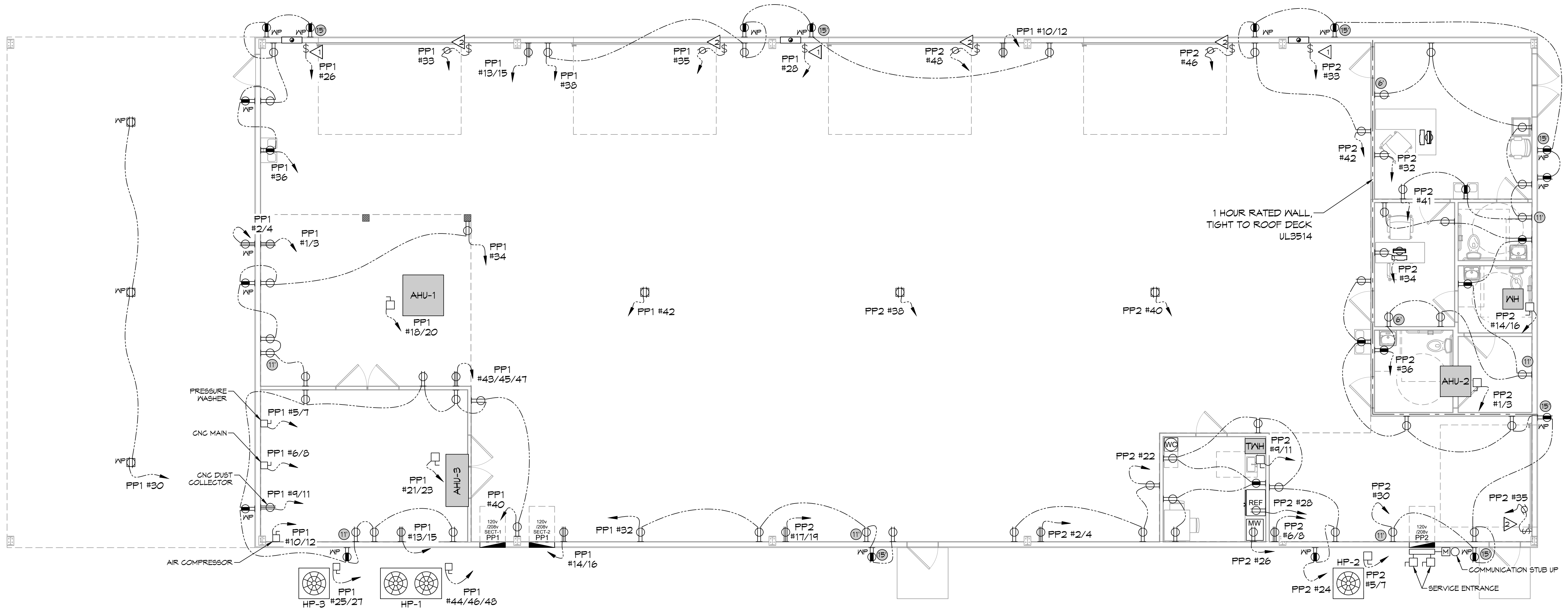
POWER LEGEND

- Ⓜ 208V, 30A, 2 WIRE RECEPTACLE IN 2-GANG CAST ALUMINUM BOX W/ STAINLESS STEEL COVER PLATE
- Ⓜ 2 DUPLEX RECEPTACLE
- Ⓜ GFCI DUPLEX RECEPTACLE
- Ⓜ WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF - UNLESS OTHERWISE NOTED
- Ⓜ DUPLEX CEILING RECEPTACLE
- Ⓜ NON - FUSED DISCONNECT
- Ⓜ APPROXIMATE RECEPTACLE MOUNTING HEIGHT
- Ⓜ SHUTTER EXHAUST FAN - SEE MECH
- ↪ CIRCUIT HOME RUN

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 UL 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. 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. 6 FT LENGTH MC 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).
11. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
12. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE. ALL 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
13. 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.
14. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPA 250-23, 250-11 & 250-12.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23B.
16. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHAL AND THE FIRE DISTRICT.
18. 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.
19. 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.)
20. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.

NOTE:
 ALL 120V RECEPTACLES IN SHOP AREA MOUNTED AT 4' AFF - UNLESS OTHERWISE NOTED
 ALL 120V RECEPTACLES IN OFFICE/ LOBBY MOUNTED AT 18" AFF - UNLESS OTHERWISE NOTED
 ALL 240V RECEPTACLES MOUNTED AT 3' AFF - UNLESS OTHERWISE NOTED



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

DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 www.dammonengineering.com
 info@dammon.com
 PH: 985.649.5832

Chief Engineer: Brian Mistich, PE
 5610 Cocheville Road, Suite 100
 Slidell, LA 70488

REVISIONS	DATE	DESCRIPTION



NEW BUILDING
PELEGRINI MARINE ELECTRIC LLC
 619 DEER CROSS COURT,
 MADISONVILLE, LA 70447
 JOB No: 06-16-2022
 DRAWN BY: BAW
 DATE: 06-16-2022
 CHECKED BY: C&D

SHEET TITLE:
POWER PLAN

DRAWING NUMBER:
E101

SHEET No: 12 of 14

NO.	DATE	DESCRIPTION



SEAL:

NEW BUILDING
PELLEGRINI MARINE ELECTRIC LLC
619 DEER CROSS COURT,
MADISONVILLE, LA 70447

DATE: 06-16-2022
JOB No: BAY
DRAWN BY: C&D
CHECKED BY:

SHEET TITLE:
LIGHTING PLAN












DRAWING NUMBER:

SHEET No: **E102**
13 of 14






GENERAL LIGHTING NOTES

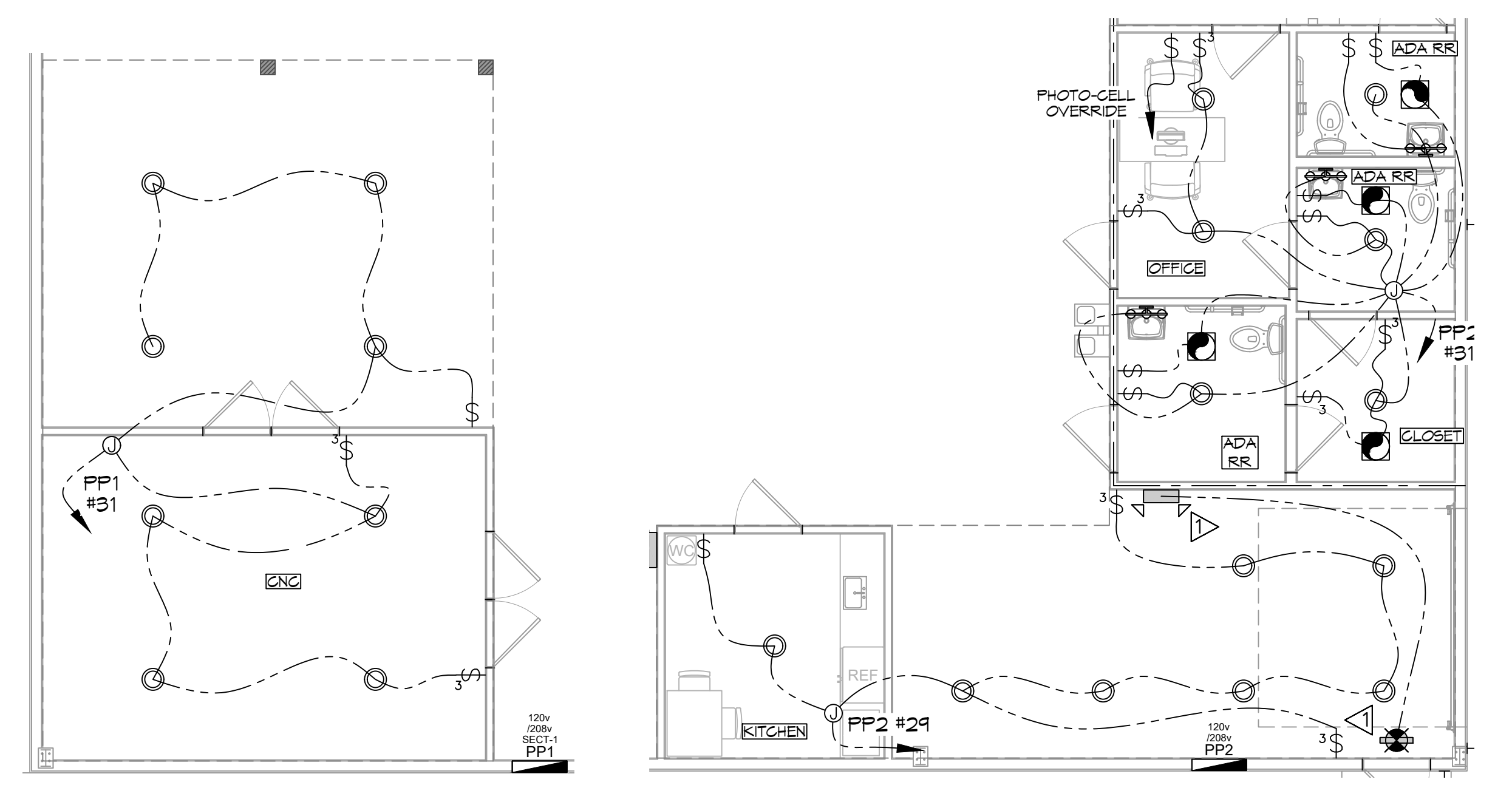
1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN 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 INCLUDING 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-GANGED BOXES 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. WHERE FLUORESCENT FIXTURES ARE SHOWN TO BE DIMMED, THE FIXTURES SHALL HAVE DIMMING TYPE BALLASTS WHICH ARE COMPATIBLE WITH THE SPECIFIED DIMMERS.
13. WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
14. ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
15. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEG 410.136.

LIGHTING LEGEND

- | | | | |
|---|--|---|--|
|  | SUSPENDED LIGHT FIXTURE (16" AFF) |  | JUNCTION BOX |
|  | RECESSED LIGHT FIXTURE (8" AFF) |  | SINGLE POLE SWITCH LIGHT SWITCH (8" AFF) |
|  | EXTERIOR LIGHT FIXTURE ON SENSOR |  | 3-WAY LIGHT SWITCH (8" AFF) |
|  | VANITY LIGHT |  | EXHAUST FAN - SEE MECHANICAL |
|  | EMERGENCY LIGHT FIXTURE - WALL MOUNTED (8" A.F.F.) |  | EXIT LIGHT FIXTURE - ABOVE DOOR |
| | |  | HOME RUN |

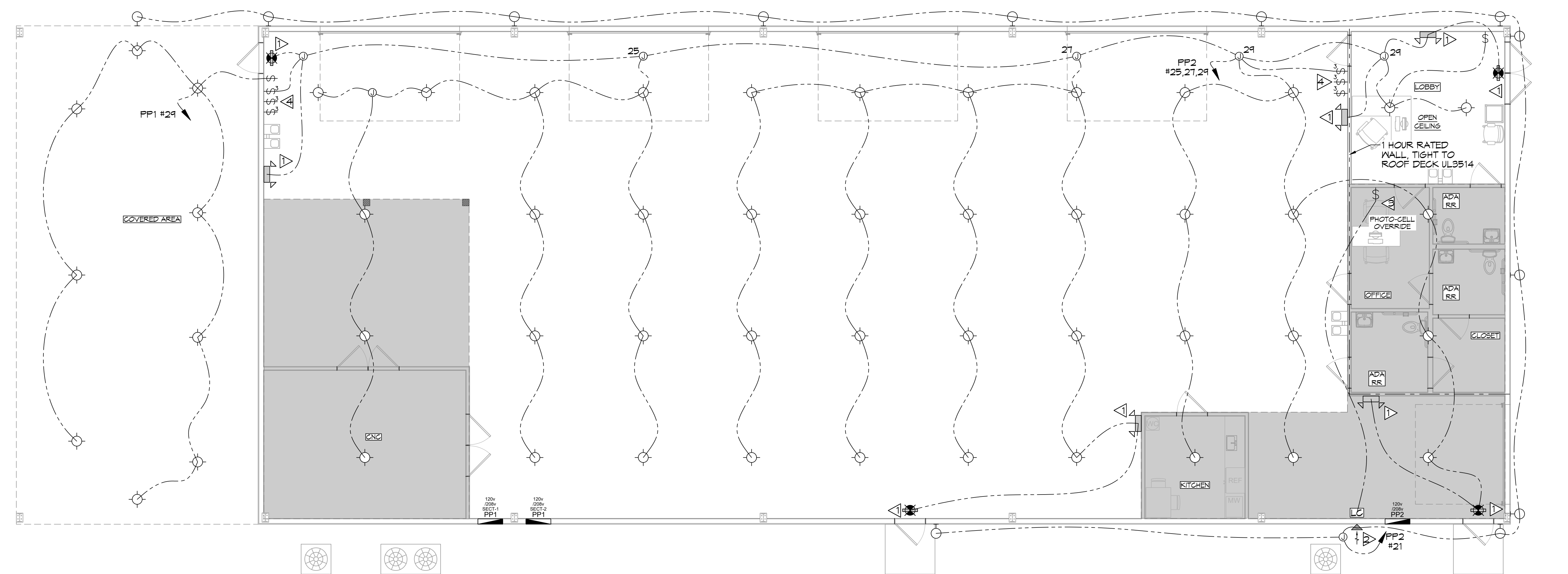
KEYED NOTES

-  PROVIDE CONNECTION TO UN-SWITCHED HOT OF LIGHTING CIRCUIT AND SHALL HAVE 90 MINUTE EMERGENCY BATTERY BACKUP.
 -  PROVIDE AND INSTALL LIGHTING CONTRACTOR LC WITH PHOTOCELL FOR OUTSIDE LIGHTS.
 -  PROVIDE AND INSTALL 3 POSITION ON-OFF-AUTO SWITCH AND WIRE TO LIGHTING CONTRACTOR PER MANUFACTURER'S INSTRUCTIONS. LABEL SWITCH "LIGHTING CONTRACTOR OVERRIDE".
 -  3-WAY LIGHT SWITCHES ARE TO BE WIRED TO CONTROL WAREHOUSE LIGHTS, CIRCUITS 25, 27, AND 29 RESPECTIVELY.
-  INDICATES MEZZANINE
- - - 1 HR RATED WALL

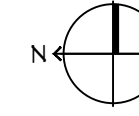


21 LIGHTING PLAN
SCALE: 3/16"=1'-0" 8" A.F.F.

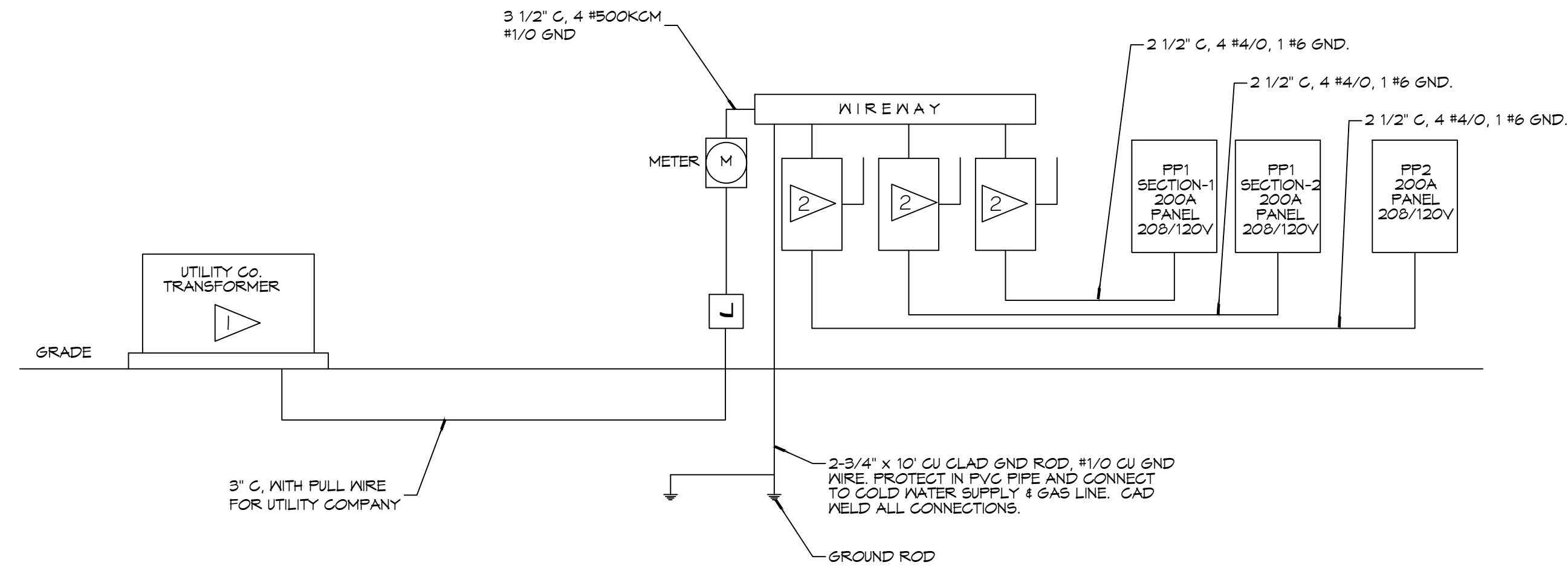
22 LIGHTING PLAN
SCALE: 3/16"=1'-0" 8" A.F.F.



23 LIGHTING PLAN
SCALE: 3/16"=1'-0" 16" A.F.F.



16" A.F.F.



RISER DIAGRAM
SCALE: NTS

KEYED NOTES:

- EXISTING TRANSFORMER RATINGS:
75 KVA, 3 ϕ , Δ Y
PRIMARY: 13200/7620V
SECONDARY: 208/120V
- 240V, 200A, 3 POLE, NEMA 3R, FUSED DISCONNECT SWITCH, FUSE RATINGS: DUAL ELEMENT, TIME DELAY CLASS RK5, CURRENT LIMITING 200 KAIC

ELECTRICAL LOAD SUMMARY

POWER COMPANY:	CLECO				
PROJECT NAME:	PELLEGRINI MARINE				
PROJECT ADDRESS:	613 DEER CROSS COURT				
CITY/TOWN:	MADISONVILLE, LOUISIANA 70447				
INTENDED USER:	MARINE SHOP				
REQUIRED SERVICE:	208/120 VOLTS	3 PHASE	4 WIRE		
SERV ENTR SIZE:	400 AMPS				
HVAC TONNAGE:	20.5 TONS				
LARGEST MOTOR:	HP				
NOTE: MOTORS ABOVE 20 HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE WITH 240/120V, 1 PH, 3 W SERVICE					
TOTAL BUILDING SQUARE FOOTAGE:	7500 S.F.				
INDIVIDUAL UNIT SQUARE FOOTAGE:	0 S.F.				
INDIVIDUAL UNIT DESIGNATION:	(MULT OCCUPANCY)				
LOAD SOURCE					
BUILDING LIGHTING	1 ϕ KVA	3 ϕ KVA	OR	1 ϕ KW	3 ϕ KW
ELECTRIC WATER HEATING		6.2			
HEAT PUMPS		5.6			
SUPPLEMENTAL HEAT SYSTEMS		27.8			
AIR COND CONDENSING UNITS		32.7			
ELEC HEATING (PRIMARY) AHUS					
COOKING					
REFRIGERATION		1.2			
RECEPTACLES (STANDARD)		17.2			
RECEPTACLES (COMPUTER)		N/A			
TOTAL MOTORS (EXCLUDE HVAC)		N/A			
EXTERIOR LIGHTING		1.2			
MISCELLANEOUS - ROLL UP DOORS		26.5			
OTHER - WELDING RECEPTACLES		46.0			
TOTAL CONNECTED LOAD		0.0	164.4		0.0 0.0

PANEL SCHEDULE

PANEL: PP1 - SECTION 1
LOCATION: EAST WALL, NORTH END
FEEDER SOURCE: FUSED DISCONNECT AT SERVICE ENTRANCE

VOLTAGE: 208/120V, 3 ϕ , 4 WIRE, MAIN LUGS ONLY, 10 KAIC
ENCLOSURE: FLUSH MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	CIRCUIT			LOAD (VA)	BREAKER AMP	POLE	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
						A0	B0	C0						
1	#10	NORTH WELDING RECEPTACLE INSIDE (24)	30	2	2500				2500	2	30	NORTH WELDING RECEPTACLE OUTSIDE (24)	#10	2
3	#10				2500				2500	2	30			4
5	#8	PRESSURE WASHER (25)	50	2	2100				4800	2	50	CNC MAN (26)	#8	6
7	#8				2100				4800	2	50			8
9	#12	CNC DUST COLLECTOR (27)	20	2	1800				4200	2	50	AIR COMPRESSOR (28)	#8	10
11	#12				1800				4200	2	50			12
13	#12	30A WELDING RECEPTACLE (29)	20	2	500				2500	2	30	EAST NORTH WELDING RECEPTACLE (30)	#10	14
15	#12				500				2500	2	30			16
17	#10	EAST NORTH WELDING RECEPTACLE (30)	30	2	2500				0	1	20	SPARE	#10	18
19	#10				2500				0	1	20	SPARE	#10	20
21	#10	OFFICE HVAC #3 (35)	25	2	2000				0	1	20	SPARE	#10	22
23	#10				2000				0	1	20	SPARE	#10	24
25	#8	OFFICE CU #3 (35)	25	2	2100				570	1	20	EXHAUST FAN, WEST WALL, NORTH	#12	26
27	#8				2100				570	1	20	EXHAUST FAN, WEST WALL, CENTER	#12	28
29	#12	LIGHTING, OVERHANGS	20	1	900				1620	1	20	RECEPTACLES, NORTHEAST	#12	30
31	#12	LIGHTING, BELOW MEZZANINE AND ROOM TO THE LEFT	20	1	400				120	1	20	RECEPTACLES, EAST WALL TO THE RIGHT OF THIS PANEL	#12	32
33	#12	OVERHEAD DOOR, SOUTH WALL 1st DOOR FROM NORTH	20	1	500				900	1	20	RECEPTACLES, NORTH END BELOW MEZZANINE	#12	34
35	#12	OVERHEAD DOOR, SOUTH WALL 2nd DOOR FROM NORTH	20	1	500				1080	1	20	RECEPTACLES, NORTHWEST	#12	36
37		SPARE	20	1	0				900	1	20	RECEPTACLES, WEST WALL	#12	38
39		SPARE	20	1	0				540	1	20	CEILING RECEPTACLES, BELOW OVERHANG	#12	40
41		SPARE	20	1	0				150	1	20	RECEPTACLE, NORTH CEILING	#12	42

SOLID NEUTRAL WIRE (N)
GROUND BUS GROUND WIRE (G)

A ϕ = 22090 B ϕ = 20610 C ϕ = 21680

PANEL SCHEDULE

PANEL: PP1 - SECTION 2
LOCATION: EAST WALL, NORTH END
FEEDER SOURCE: FUSED DISCONNECT AT SERVICE ENTRANCE

VOLTAGE: 208/120V, 1 ϕ , 4 WIRE, MAIN LUGS ONLY, 10 KAIC
ENCLOSURE: FLUSH MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	CIRCUIT			LOAD (VA)	BREAKER AMP	POLE	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
						A0	B0	C0						
43					7900				6400					44
45	#8	SHOP HVAC #1 (31)	30	3	7900				6400	3	90	SHOP CU #1 (31)	#2	46
47					7900				6400					48
49														50
51														52
53														54
55														56
57														58
59														60
61														62
63														64
65														66
67														68
69														70
71														72
73														74
75														76
77														78
79														80
81														82
83														84

SOLID NEUTRAL WIRE (N)
GROUND BUS GROUND WIRE (G)

A0 = 14300 B0 = 14300 B0 = 14300

PANEL SCHEDULE

PANEL: PP2
LOCATION: EAST WALL, SOUTH END
FEEDER SOURCE: FUSED DISCONNECT AT SERVICE ENTRANCE

VOLTAGE: 208/120V, 3 ϕ , 4 WIRE, MAIN LUGS ONLY, 10 KAIC
ENCLOSURE: FLUSH MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	CIRCUIT			LOAD (VA)	BREAKER AMP	POLE	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
						A0	B0	C0						
1	#10	SHOP HVAC #2 (32)	30	2	2500				2500	2	30	EAST EAST WELDING RECEPTACLE #2 (33)	#10	2
3	#10				2500				2500	2	30			4
5	#8	SHOP CU #2	35	2	2200				2500	2	30	EAST SOUTH WELDING RECEPTACLE / DRYER (34)	#10	6
7	#8				2200				2500	2	30			8
9	#8	HOT WATER HEATER #2 (37)	40	2	1400				2500	2	30	WEST WEST WELDING RECEPTACLE (38)	#10	10
11	#8				1400				2500	2	30			12
13	#10	WEST WEST WELDING RECEPTACLE (38)	30	2	2500				1400	2	40	HOT WATER HEATER #1 (36)	#8	14
15	#10				2500				1400	2	40			16
17	#10	EAST EAST WELDING RECEPTACLE (33)	30	2	2500				500	1	20	SEWER TREATMENT PLANT	#12	18
19	#10				2500				500	1	20			20
21	#12	EXTERIOR LIGHTING	20	1	1200				120	1	20	RECEPTACLES, EAST WALL CENTER	#12	22
23	#12	OVERHEAD LIGHTING NORTH END	20	1	1200				1440	1	20	RECEPTACLES, BREAK AREA	#12	24
25	#12	OVERHEAD LIGHTING CENTER	20	1	1600				1200	1	20	RECEPTACLE, MICROWAVE OVEN	#12	26
27	#12	OVERHEAD LIGHTING SOUTH END	20	1	1200				1200	1	20	RECEPTACLE, REFRIGERATOR	#12	28
29	#12	LIGHTING, BELOW MEZZANINE AND OFFICE, SOUTHWEST	20	1	350				1440	1	20	RECEPTACLES, BELOW MEZZANINE	#12	30
31	#12	LIGHTING, SOUTH OFFICE	20	1	350				150	1	20	DEDICATED RECEPTACLE, SOUTHWEST OFFICE	#12	32
33	#12	EXHAUST FAN, WEST WALL, SOUTH	20	1	570				150	1	20	DEDICATED RECEPTACLE, CENTER OFFICE	#12	34
35	#12	OVERHEAD DOOR, SOUTH WALL	20	1	500				1440	1	20	RECEPTACLES, SOUTH OFFICES	#12	36
37		SPARE	20	1	0				150	1	20	RECEPTACLE, MID CEILING	#12	38
39		SPARE	20	1	0				150	1	20	RECEPTACLE, SOUTH CEILING	#12	40
41	#12	RECEPTACLES, SOUTHWEST OFFICES	20	1	1260				1080	1	20	RECEPTACLES, EXTERIOR AND WAREHOUSE, SOUTHWEST	#12	42
43		SPARE	20	1	0				0	1	20	SPARE		44
45		SPARE	20	1	0				500	1	20	OVERHEAD DOOR, WEST WALL, 1st DOOR FROM SOUTH	#12	46
47		SPARE	20	1	0				500	1	20	OVERHEAD DOOR, SOUTH WALL, 2nd DOOR FROM SOUTH	#12	48

SOLID NEUTRAL WIRE (N)
GROUND BUS GROUND WIRE (G)

A0 = 20110 B0 = 18550 B0 = 18550

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

www.dammonengineering.com
info@dammon.com
PH: 985.649.5832

Chief Engineer: Brian Misch, PE
Senior Designer: Frank Sidiari, LA 70488

REVISIONS	DATE	DESCRIPTION



PELLEGRINI MARINE ELECTRIC LLC

613 DEER CROSS COURT, MADISONVILLE, LA 70447

JOB NO: 06-16-2022
DRAWN BY: BAW
CHECKED BY: C&D

SHEET TITLE: POWER PANEL AND ONE LINE DIAGRAM

DRAWING NUMBER: **E103**

SHEET No: 13 of 14