

LIFE-SAFETY INFORMATION

APPLICABLE CODES	
NFPA 101 LIFE-SAFETY CODE 2015	
OCCUPANCY TYPE(S) AND CHAPTER(S)	
BUSINESS (CHAPTER 38)	
MULTIPLE, MIXED, OR SEPARATE OCCUPANCY (REFERENCE CHAPTER 6)	
N/A	
OCCUPANT LOAD FACTOR (REFERENCE TABLE 1.3.1.2)	
BUSINESS 264 SF/	100 SF PER OCCUPANT = 3 OCCUPANTS
WAREHOUSE 945 SF/	500 SF PER OCCUPANT = 2 OCCUPANTS
CLASSIFICATION OF HAZARD OF CONTENTS	
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2: SPECIFY LOW, ORDINARY, OR HIGH)	
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 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)	
1/2 DIAGONAL =	43'-8"
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)	
50'	
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	
BUSINESS GROUP 5-1 (IBC 2021 CHAPTER 3)	
OCCUPANT LOAD CALCULATIONS (TABLE 1004.1.1)	
BUSINESS	264 SQ FT 100 SF PER OCCUPANT (GROSS) 3 OCCUPANTS
WAREHOUSE	945 SQ FT 500 SF PER OCCUPANT (GROSS) 2 OCCUPANTS
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)	2
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	17,500

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 V_{ult} (3 SECOND GUST) =	140 MPH (IBC FIG. 1609.3(1))
NOMINAL DESIGN WIND SPEED V_{asd} =	110 MPH ($V_{ult} \times (0.6)^{1/2}$)
RISK CATEGORY:	CATEGORY II BLDG
TOPOGRAPHIC FACTOR =	1
DESIGN WIND PRESSURE (ASCE 7-10 TABLE 26.6-1):	37.7 PSF
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	± 0.18
LIVE LOADS (IBC SEC 1607)	
STORAGE WAREHOUSE - HEAVY (IBC TABLE 1607.1):	250 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED
SNOW LOADS (IBC SEC 1609):	
GROUND SNOW LOAD (IBC FIG. 1609.2):	5 PSF

FLOOD ZONE INFORMATION

BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES, THIS PROPERTY IS IN SPECIAL FLOOD HAZARD AREA

FIRM, COMMUNITY NO. 225205 0420 E DATED 04/21/1999

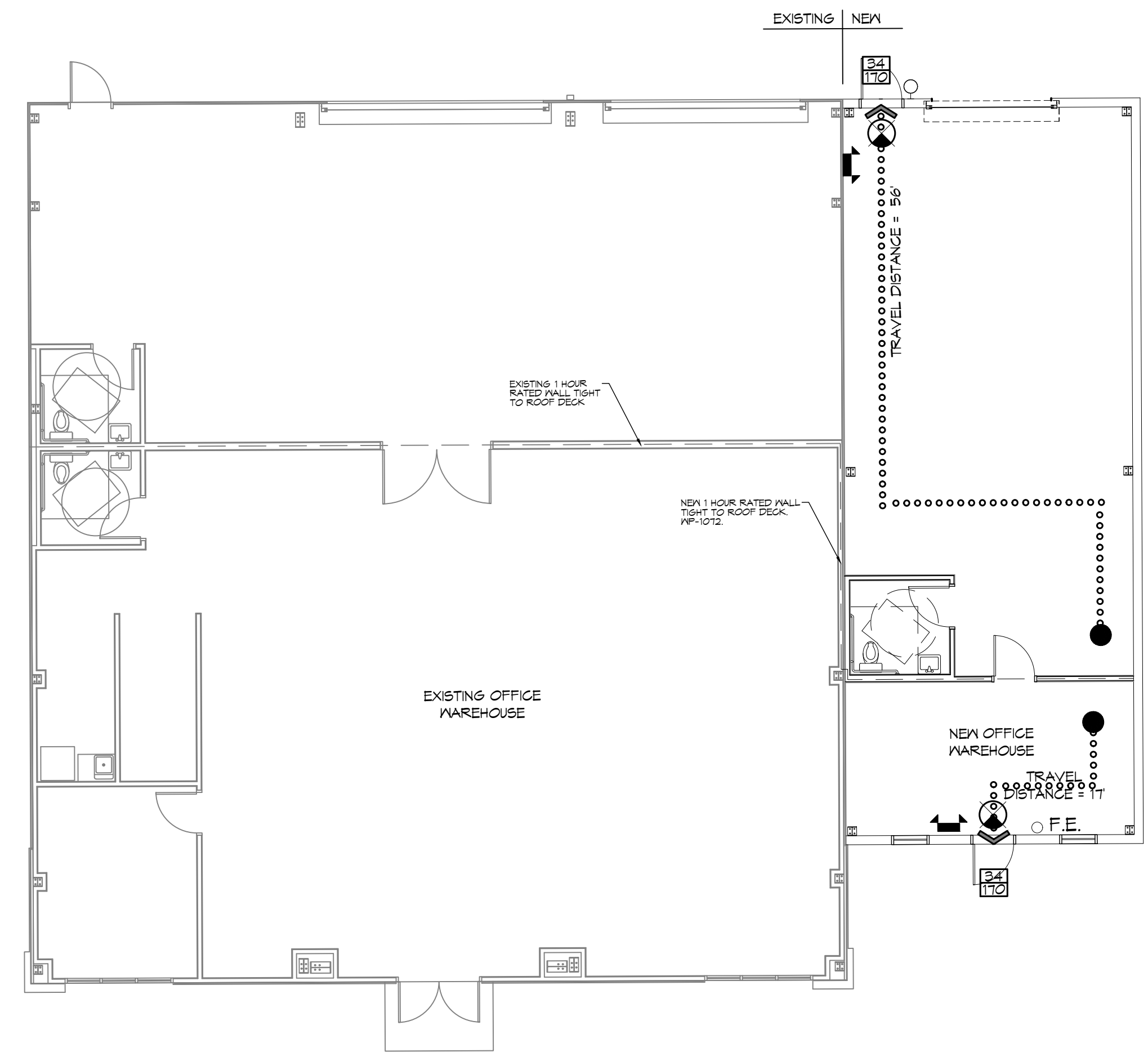
FLOOD ZONE: AE BASE FLOOD ELEVATION: 9'

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
➤	EXITS
Ⓜ	DOOR FIRE RATING (MINUTES)
Ⓜ	DOOR WIDTH/EGRESS CAPACITY
Ⓜ	EXIT LIGHT
● FE	FIRE EXTINGUISHER W/ WALL MTD BRACKET
—	COMMON PATH OF TRAVEL
⋯⋯⋯⋯⋯	TRAVEL DISTANCE
●	DECISION POINT

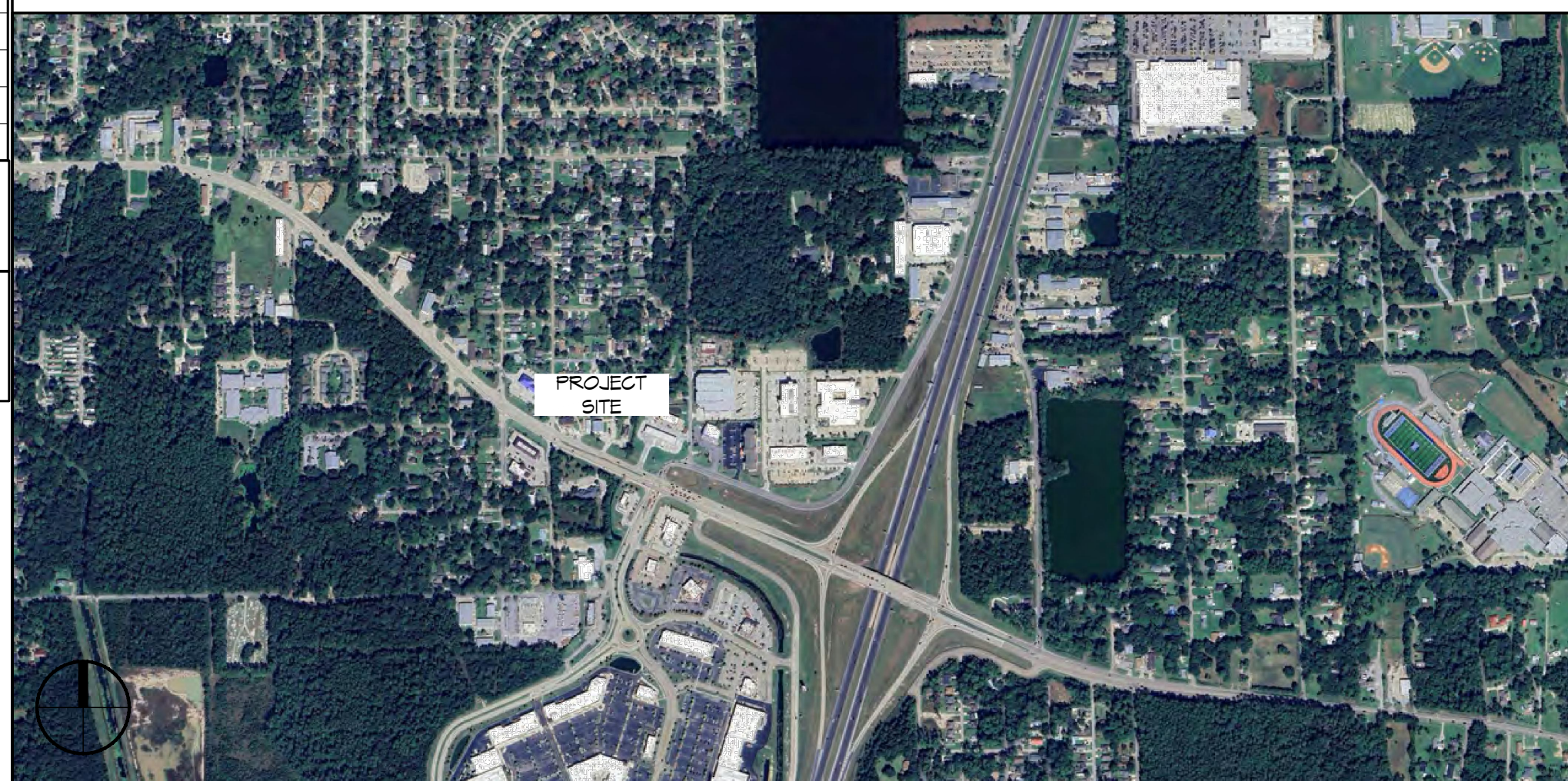
PROJECT DESCRIPTION

THIS OFFICE WAREHOUSE OF 214 SF. FT. ADDITION WILL TIE INTO THE EXISTING BUILDING.



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

VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
C101	PROPOSED ADDITION SITE PLAN
C102	EROSION CONTROL AND DETAILS
C103	EXISTING DRAINAGE PLAN
S101	WAREHOUSE ADDITION FOUNDATION PLAN
A101	WAREHOUSE ADDITION FLOOR PLAN
A102	WAREHOUSE ADDITION EXTERIOR ELEVATIONS, SECTION VIEW, AND ROOF PLAN
P101	PLUMBING PLAN AND RISER DIAGRAM
M101	MECHANICAL PLAN
E101	WAREHOUSE ADDITION LIGHTING AND POWER PLAN

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.

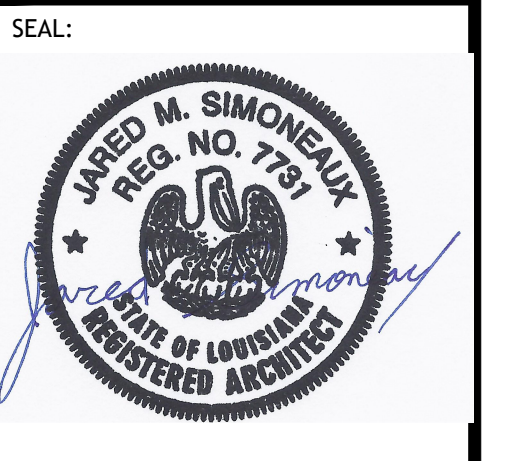
DAMMON

ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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

DATE	DESCRIPTION



ADDITION TO OFFICE/WAREHOUSE

RAY HORVATH

FLOORWORKS AND BLINDS

1860 SHORTCUT HWY
SLIDELL, LA 70458

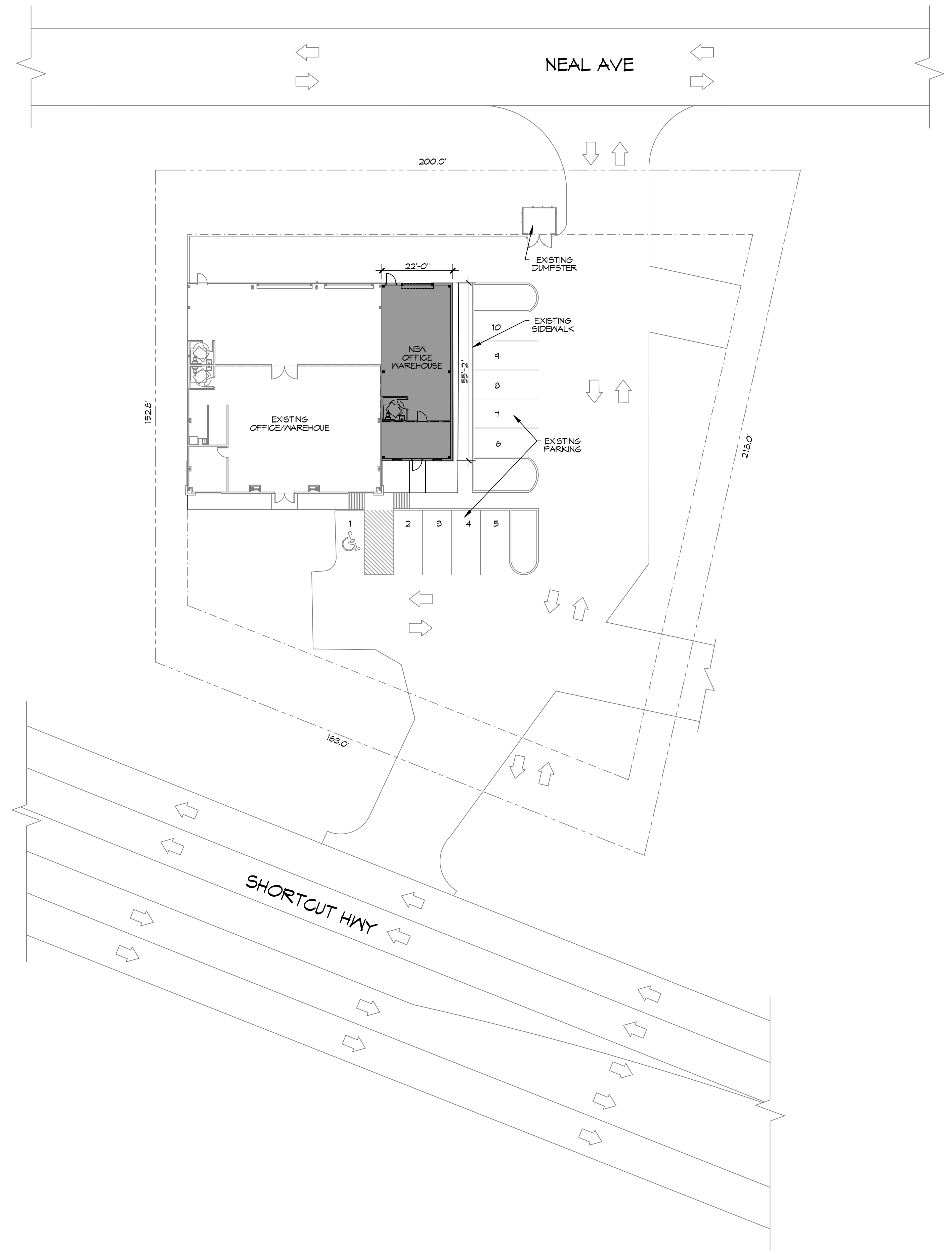
JOB NO. 2225 DATE: 2-4-2025
DRAWN BY: GKSD CHECKED BY: JMS

SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

SHEET No: 1 of 10

FILE NAME: J:\Projects\2022\04\1924\1924.dwg PLOT DATE: 4/19/2022 PLOT TIME: 10:05:00 AM PLOT BY: JMS



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

PLANNING
ZONED HC-2 HIGHWAY COMMERCIAL
BUILDING SQ. FT.
3,900 SQ. FT. OF EXISTING OFFICE/WAREHOUSE
1,523 SQ. FT. OF EXISTING WAREHOUSE
2,377 SQ. FT. OF EXISTING SALES FLOOR
1,214 SQ. FT. ADDITION OF WAREHOUSE
PARKING
EXISTING 9 PARKING SPOTS AND ONE HANDICAP PARKING SPOT PROVIDED.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Watch, PE
554 Old Spanish Trail
Slidell, LA 70468
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.3832

#	DESCRIPTION	DATE



ADDITION TO OFFICE/WAREHOUSE
RAY HORVATH FLOORWORKS AND BLINDS

1860 SHORTCUT HWY
SLIDELL, LA 70459

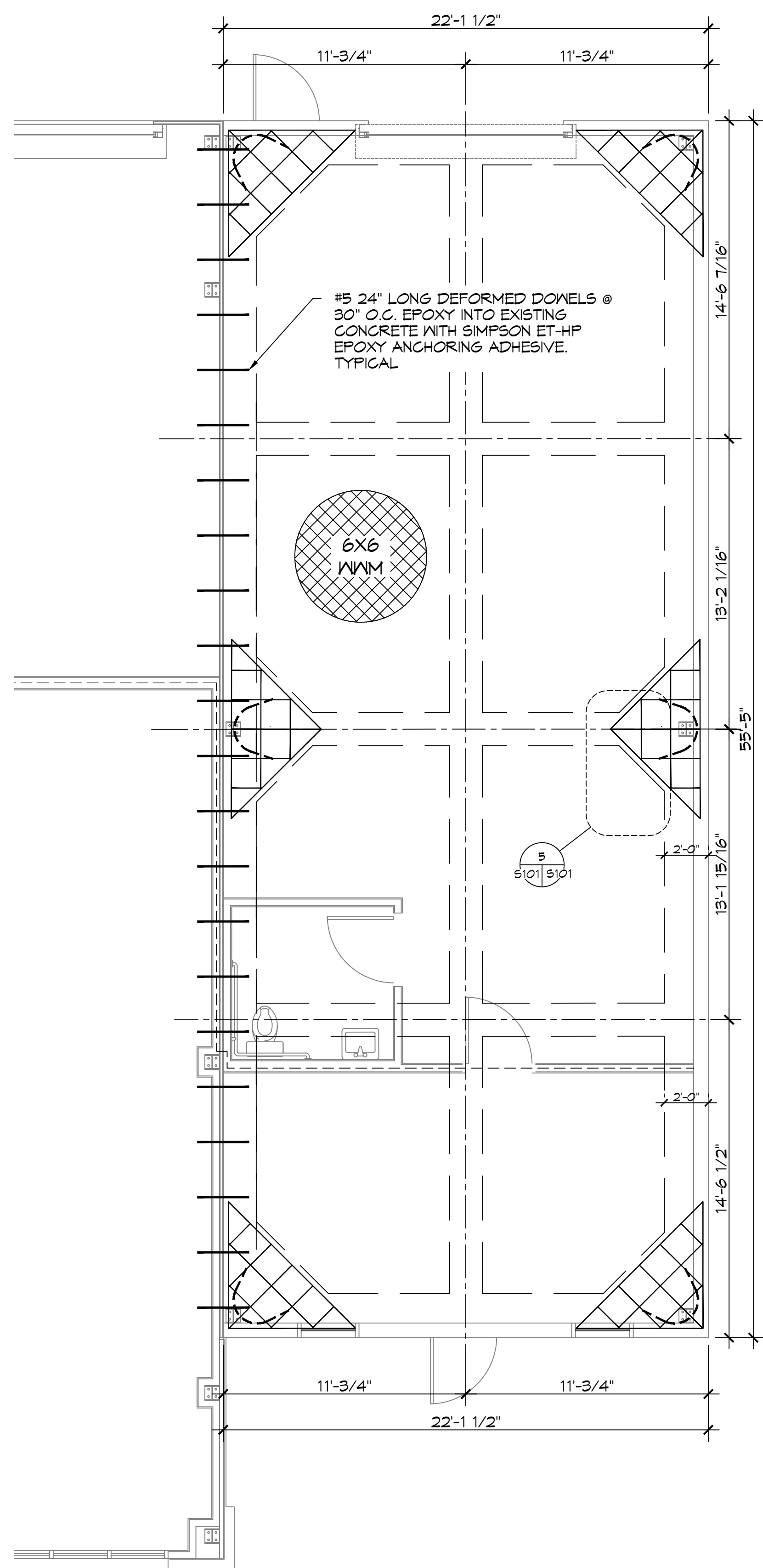
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CHECKED BY: CKD

SHEET TITLE:
PROPOSED ADDITION SITE PLAN

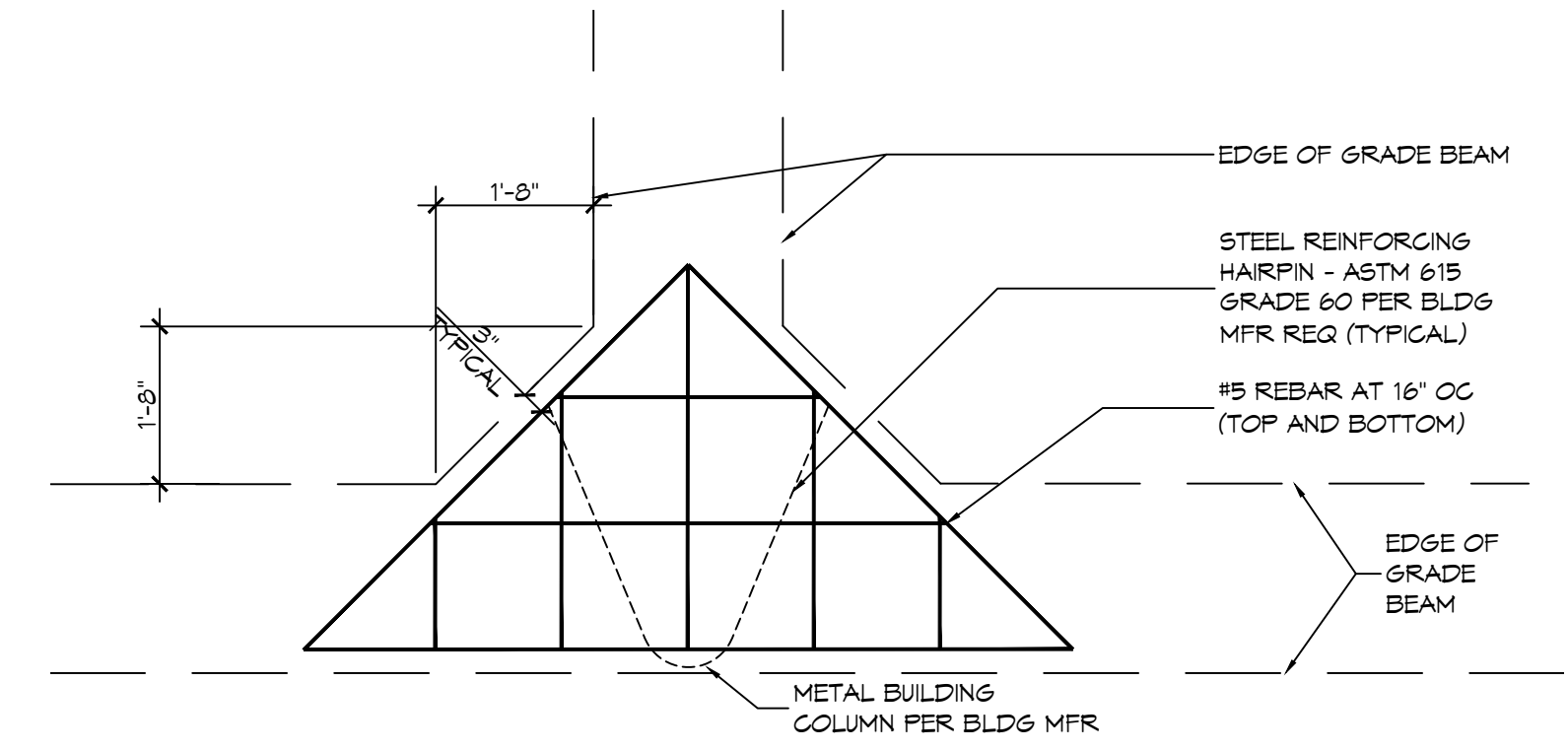
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C101

SHEET No: 2 of 10

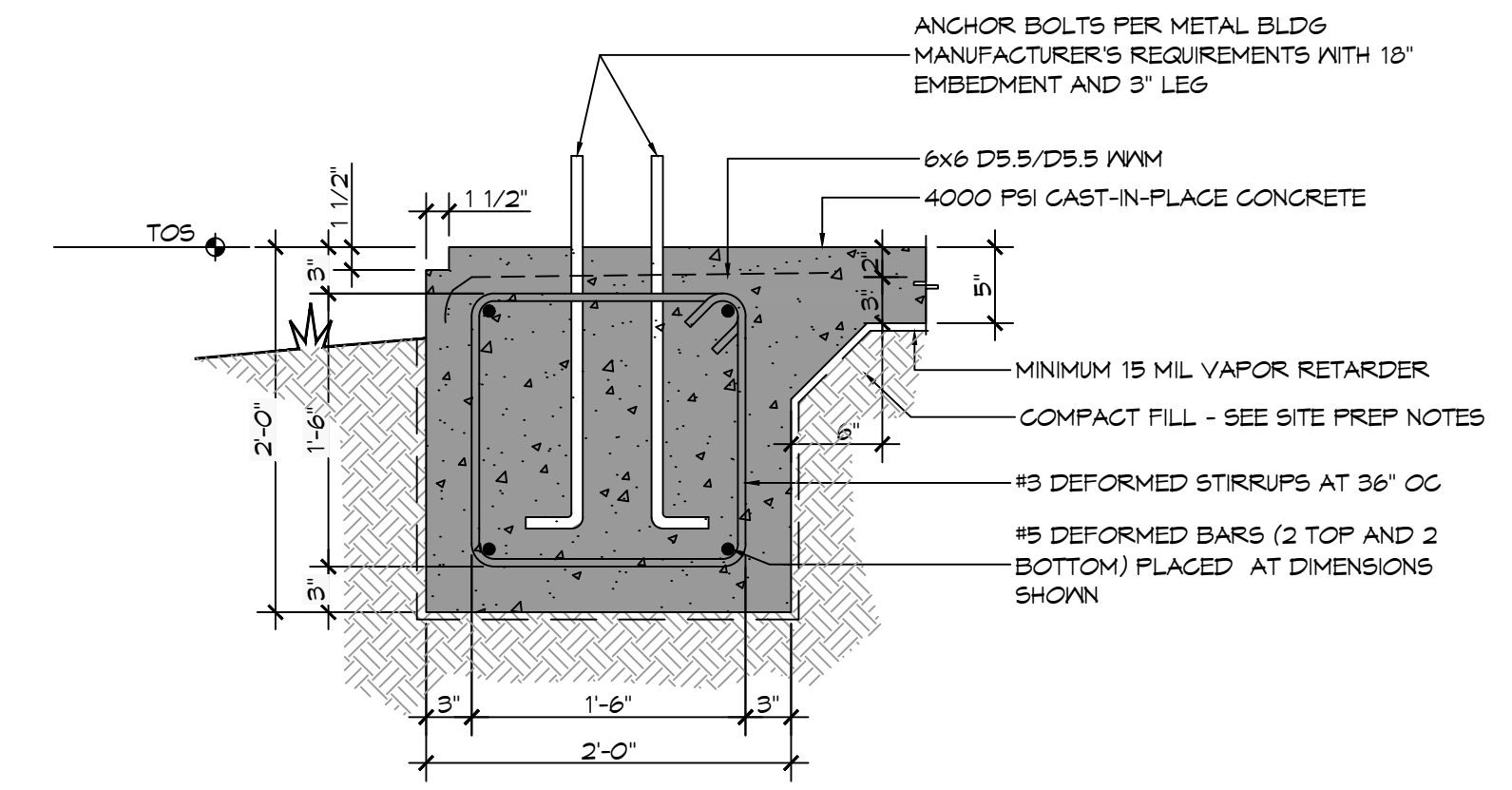
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 PLOT TIME: 10:45:32 AM
 PLOT SCALE: 1/4" = 1'-0"
 PLOT SHEET: 5 of 10



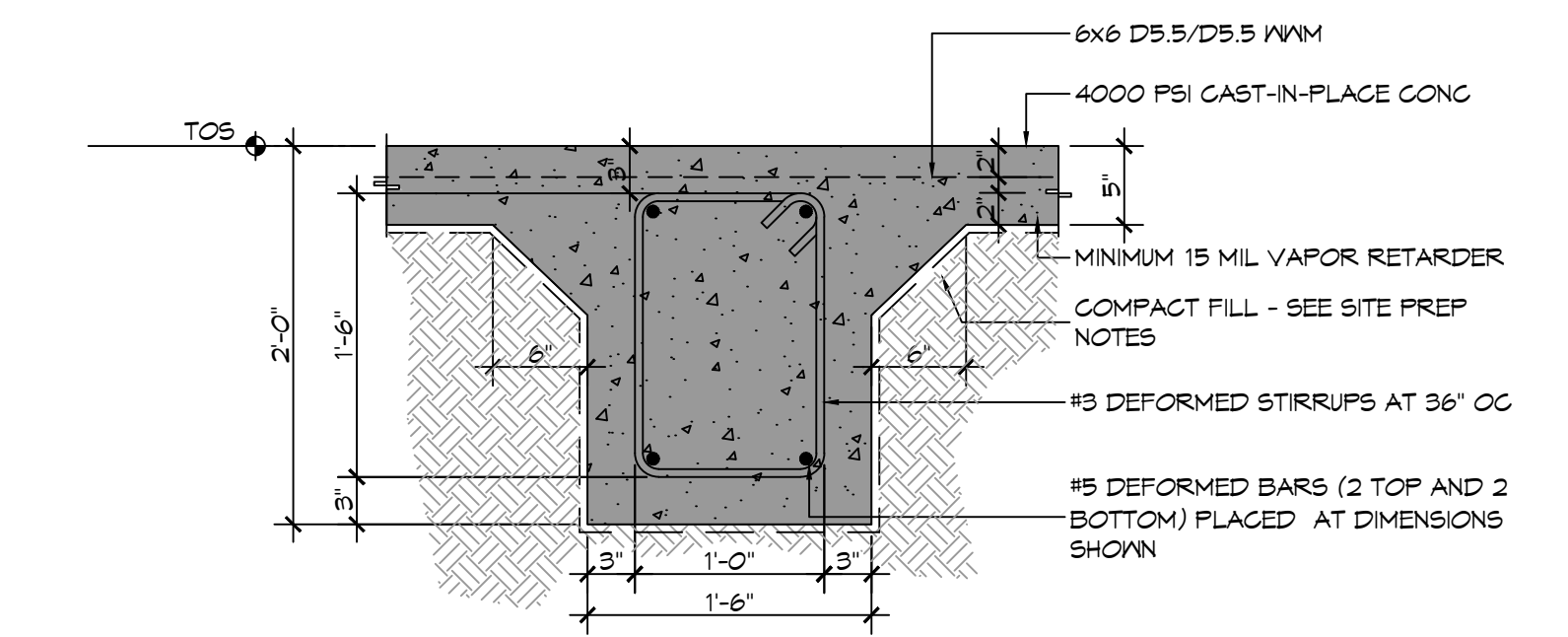
6 WAREHOUSE ADDITION FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



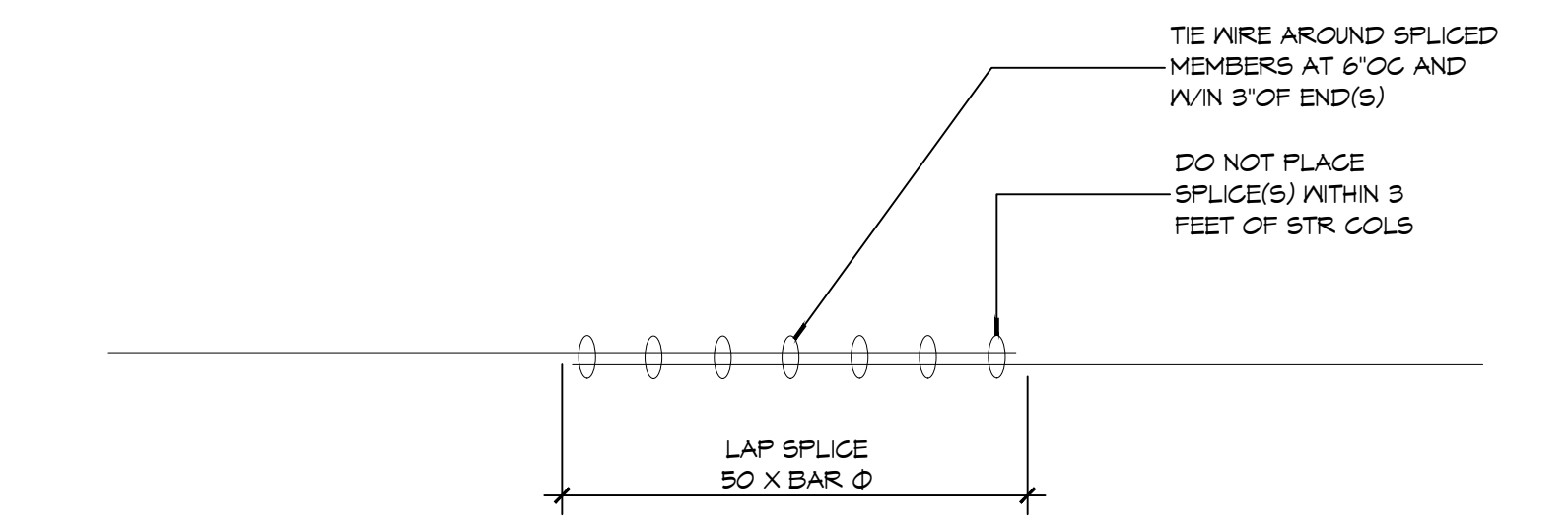
5 DETAIL
SCALE: 1/2" = 1'-0"



A SECTION
SCALE: 1" = 1'-0"



B SECTION
SCALE: 1" = 1'-0"



C DETAIL
SCALE: 1" = 1'-0"

GENERAL FOUNDATION NOTES

1. THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH AC-308.
2. ALL CONVENTIONAL REINFORCING SHALL MEET ASTM-A615 (GRADE 60).
3. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE 15 MIL STRENGTH; ASTM E1145 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP ECO-SHIELD-15 MIL BY EPFO OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
4. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
5. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, CMU LEDGES, DIMENSIONS, AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
6. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS & ELECTRICAL ROUGH-IN LOCATIONS.
7. GRADE BEAM SIZES MAY VARY BY -5% TO +20%.
8. ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
9. A MINIMUM OF 5' CONCRETE THICKNESS SHALL BE MAINTAINED THROUGHOUT THE SLAB.
10. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
11. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
12. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE TO BE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, IT SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
13. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL, AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURES OF 1,200 PSF AND 2,000 PSF RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
14. TREAT SOIL BELOW SLAB FOR TERMITES.

GENERAL SITEPREP NOTES

1. THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 8 TO 10 INCHES HOWEVER THE ACTUAL STRIPPING DEPTH SHALL BE DETERMINED BY A GEOTECHNICAL ENGINEER. THE EXPOSED SUBGRADE IN THE BUILDING AREA SHALL BE PROOF-ROLLED WITH A RUBBER TIRE VEHICLE WEIGHING ABOUT 20 TONS; PROOF-ROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL. MUCK OUT AND FILL 24" MINIMUM.
2. THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL AND SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL, COMPACTED WITHIN THE RANGE OF ONE (1) PERCENTAGE POINT BELOW TO THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND FIVE (4) FEET BEYOND THE PERIMETER OF THE BUILDING SLOPING.
3. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
4. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
5. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

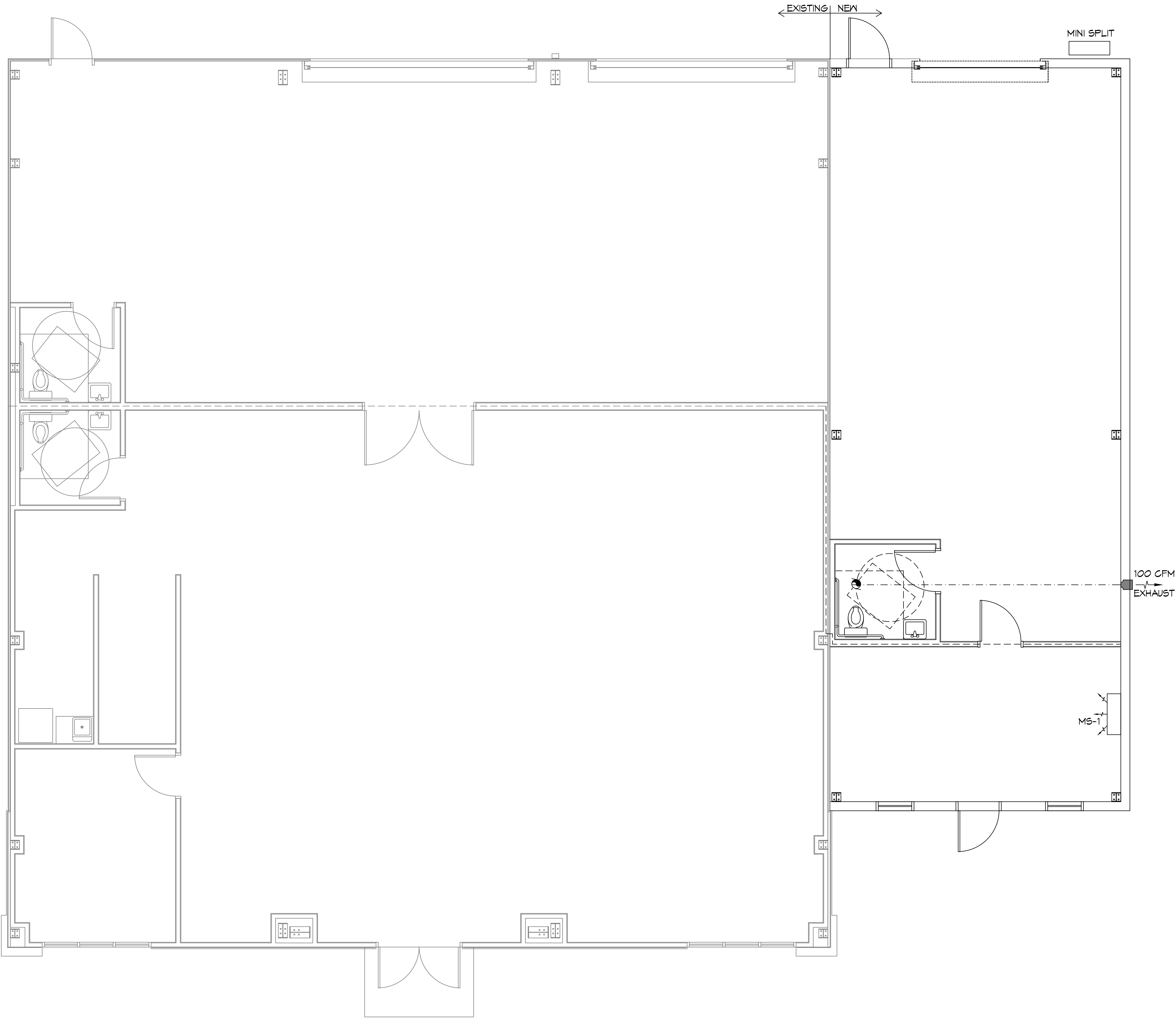
DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Sibley, LA 70468
PH: 985.649.9832

#	DESCRIPTION	DATE



ADDITION TO OFFICE/WAREHOUSE
RAY HORVATH FLOORWORKS AND BLINDS
1860 SHORTCUT HWY
SILDELL, LA 70459
JOB No: 2026 DATE: 2-4-2026
DRAWN BY: C&D CHECKED BY: BAW

SHEET TITLE:
WAREHOUSE ADDITION FOUNDATION PLAN
DRAWING NUMBER:
S101
SHEET No: 5 of 10



GENERAL HVAC NOTES

1. 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 RTU SHALL BE LINED FOR SOUND ATTENUATION.
2. EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
3. ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
4. DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
5. 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.
6. 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.
7. 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.
8. CONDENSATE DRAINS TO BE P.V.C PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
9. ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
10. ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
11. EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
12. PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
13. ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
14. LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
15. REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
16. FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
17. 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).
18. ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
19. FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0". SUPPORT FLEX DUCT TO PREVENT SAGGING.
20. REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
21. FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
22. PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL A.H.J.S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
23. FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
24. PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
25. COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
26. SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
27. PROVIDE MIN 18 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.

THIS WORK SHALL MEET ALL HVAC CODES

1. 2021 EDITION OF THE IMC
2. 2021 IECC ENERGY CODE

EXHAUST FAN SCHEDULE

LOC	CFM	VOLTAGE	TYPE	MANF.
TOILETS	100	120	VENT/LIGHT	BROAN

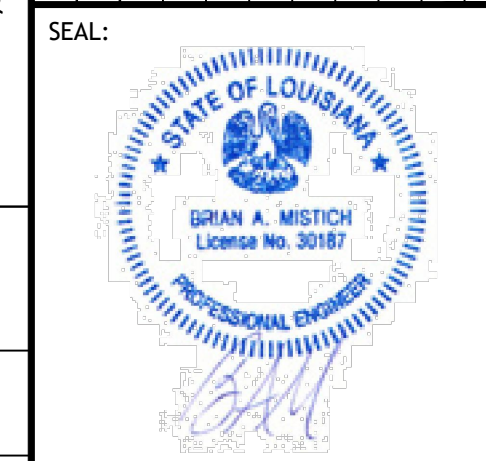
MIN-SPLIT SCHEDULE

AIR HANDLER					HEAT PUMP								
Tag	Make	Model	Cooling (MBH)	Heating (MBH)	Power VAC PH	Tag	Make/Model	Model	Cooling (MBH)	Heating (MBH)	Power VAC PH	MCA	Remarks
MS-1	Mitsubishi	MSZ-GX09NL	9	9.0	208 1	HP-1	Mitsubishi	MZ-2D20NL	22	208 1	21.7		1, 3

- NOTES:**
1. Install per Manufacturer's recommendations
 2. Furnish with wired MA wall mount controller, matching grille and condensate pump.
 3. Furnish with MHK-2 wireless controller and condensate pump.

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

REVISIONS	#	DESCRIPTION	DATE

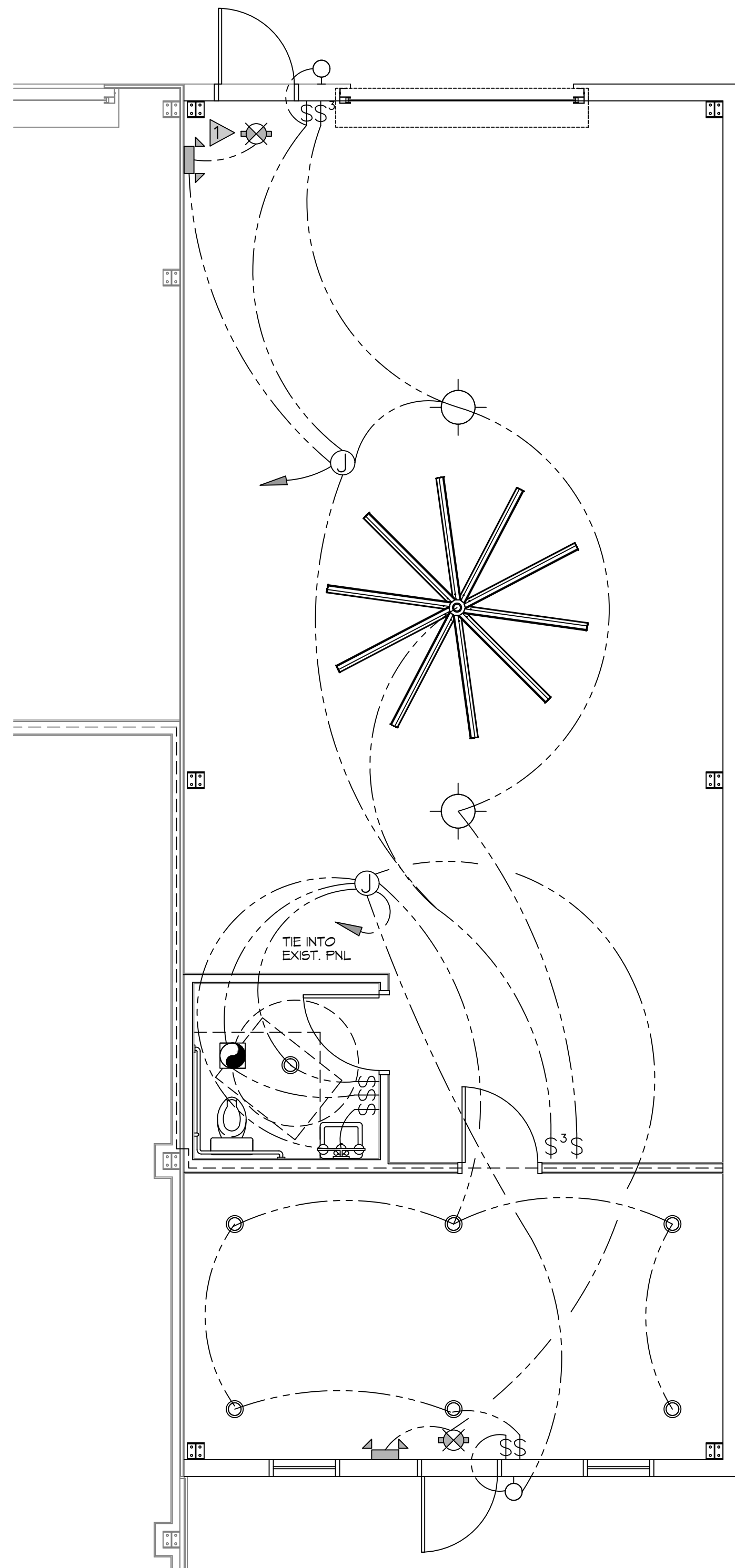


**ADDITION TO OFFICE/WAREHOUSE
RAY HORVATH
FLOORWORKS AND BLINDS**
1860 SHORTCUT HWY
SLIDELL, LA 70458
JOB No: 2026 DATE: 2-4-2026
DRAWN BY: GKP CHECKED BY: GKP

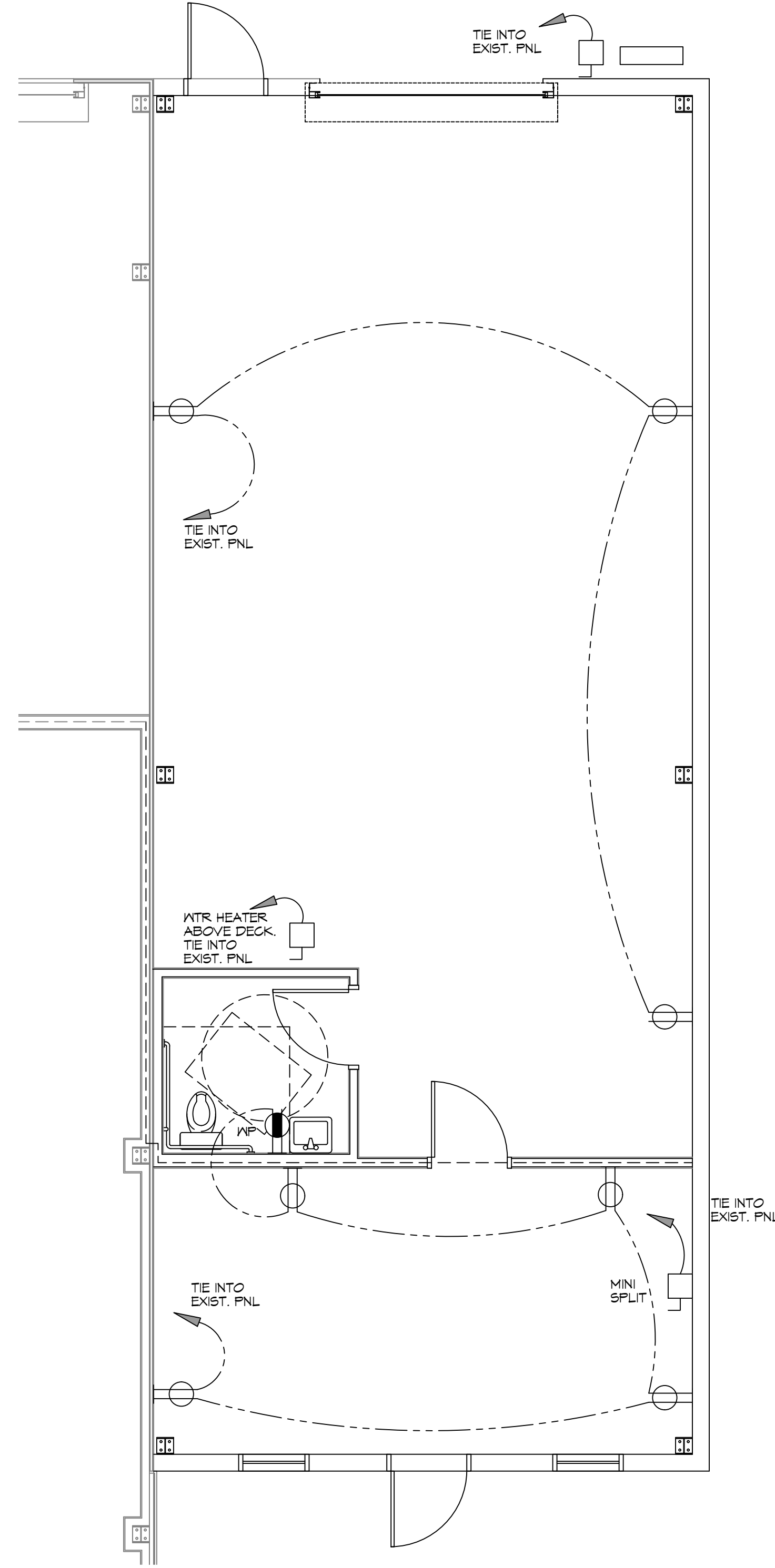
SHEET TITLE:
MECHANICAL PLAN

DRAWING NUMBER:
M101

SHEET No: 9 of 10



18 WAREHOUSE ADDITION LIGHTING
SCALE: 1/4"=10"
PARTIAL PLAN


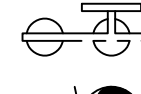

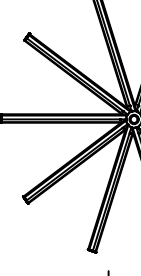




19 WAREHOUSE ADDITION POWER
SCALE: 1/4"=10"
PARTIAL PLAN






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.
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 410.136.
14. TYPES NM AND NMC CABLES SHALL NOT BE PERMITTED TO BE EXPOSED IN DROPPED OR SUSPENDED CEILING.

LIGHTING LEGEND

-  RECESSED FIXTURE
-  BATHROOM FIXTURE
-  EXHAUST FAN
-  BIG ASS FAN™
-  THREE WAY SWITCH
-  ONE WAY SWITCH

POWER LEGEND

-  DUPLEX RECEPTACLE
-  GFI DUPLEX RECEPTACLE
-  WEATHER-PROOF GFI DUPLEX RECEPTACLE
-  FLOOR RECEPTACLE W/ COVER PLATE
-  DISCONNECT

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, 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.
8. 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.
9. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION, MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS. FOR CONDUITS BELOW GRADE, EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
10. DROP/SUSPENDED CEILING - ALL WIRING ABOVE DROP/SUSPENDED CEILING SHALL BE PROTECTED FROM PHYSICAL DAMAGE WITH EMT, IN METAL STUD CONSTRUCTION, OR SCHEDULE 40 PVC, IN WOOD FRAME CONSTRUCTION. 6 FT LENGTH OF MC CABLE FOR EQUIPMENT WHIP(S) IS ALLOWED ABOVE DROPPED CEILING FROM A J-BOX TO LIGHT FIXTURES.
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 AND 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 70:230-23, 230-11 & 230-12.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:230-23b.
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 MARSHALL 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 ABUTTING 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.

THIS WORK SHALL MEET
ALL ELECTRICAL CODES

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

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
554 Old Spanish Trail
Slidell, LA 70458
Chief Engineer: Brian Mistich, PE
PH: 985.649.5832

#	DESCRIPTION	DATE



ADDITION TO OFFICE/WAREHOUSE
RAY HORVATH FLOORWORKS AND BLINDS
1860 SHORTCUT HWY
SLIDELL, LA 70458
JOB No: 2026 DATE: 2-4-2026
DRAWN BY: [Signature] CHECKED BY: [Signature]

SHEET TITLE:
WAREHOUSE ADDITION
LIGHTING AND POWER
PLAN

DRAWING NUMBER:
E101