

LIFE-SAFETY INFORMATION

APPLICABLE CODES	
NFPA 101 LIFE-SAFETY CODE 2015	
OCCUPANCY TYPE(S) AND CHAPTER(S)	
ASSEMBLY (CHAPTER 12)	
OCCUPANT LOAD FACTOR (REFERENCE TABLE 7.3.1.2)	
ASSEMBLY Concentrated use, without fixed seating	1 NET / PERSON 384 S.F. / 7 S.F. / PERSON = 55 OCCUPANTS
CLASSIFICATION OF HAZARD OF CONTENTS	
(REFERENCE: OCCUPANCY CHAPTER AND 8.2.2; SPECIFY LOW, ORDINARY, OR HIGH)	
CONST. TYPE= B(200) (REFERENCE: CHAPTER 8, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)	
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 =	101 FT / 3 = 33.6 FT
MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
20 FEET	
MAXIMUM COMMON PATH OF TRAVEL DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
20 FEET	
MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
250 FEET	
*MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING	
EXTINGUISHMENT REQUIREMENTS NOT SPRINKLERED	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS NO FIRE ALARM SYSTEM	
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE	

BUILDING CODE INFORMATION

APPLICABLE CODES	
IBC 2015	
ASSEMBLY GROUP AS (IBC 2015 CHAPTER 10)	
OCCUPANT LOAD CALCULATIONS (TABLE 1004.1.2)	
ASSEMBLY A-5 (CONSECUTED NON-FIXED SEATING) = 1 S.F. NET / PERSON	384 S.F. / 7 S.F. / PERSON = 55 OCCUPANTS
TOTAL OCCUPANTS 55 OCCUPANTS	
CONSTRUCTION TYPE(S) V B (SECTION 602)	
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	
MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 504.4)	15
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 506.2)	6000
ACTUAL BUILDING FIRE AREA IN SQUARE FEET	24000

WIND SPEED DESIGN REQUIREMENTS

IMPROVEMENTS TO 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 1609.5 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY

ULTIMATE WIND SPEED =	142 MPH (IBC FIG 1609C)	NOMINAL WIND SPEED =	V _{80d} = 110 MPH
RISK FACTOR =	CATEGORY II	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	B
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	

LIVE LOADS (IBC SEC 1607)

ASSEMBLY MOVEABLE SEATING (IBC TABLE 1607.1):	100 PSF
PLATFORMS (ASSEMBLY) (IBC TABLE 1607.1):	100 PSF
LOBBIES (IBC TABLE 1607.1):	100 PSF
CLASSROOMS (IBC TABLE 1607.1):	40 PSF UNIFORM, 1,000 LB CONCENTRATED
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED
SNOW LOADS (IBC TABLE 1608):	
GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF

FLOOD ZONE INFORMATION

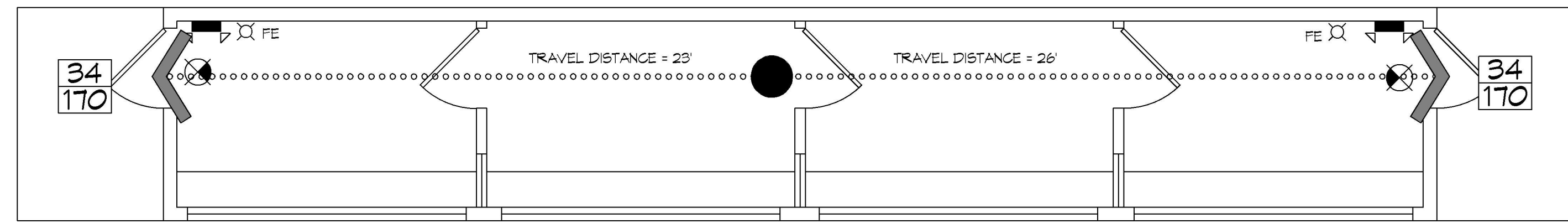
BASED ON THE LSU FLOOD MAP PROPERTY IS IN ZONE AE, EL. 11' BASE FLOOD.

FLOOD ZONE:	AE	BASE FLOOD ELEVATION:	11.0'
FIRM, COMMUNITY NUMBER 2203C0695F	DATE: 04/30/2008		

LIFE-SAFETY LEGEND

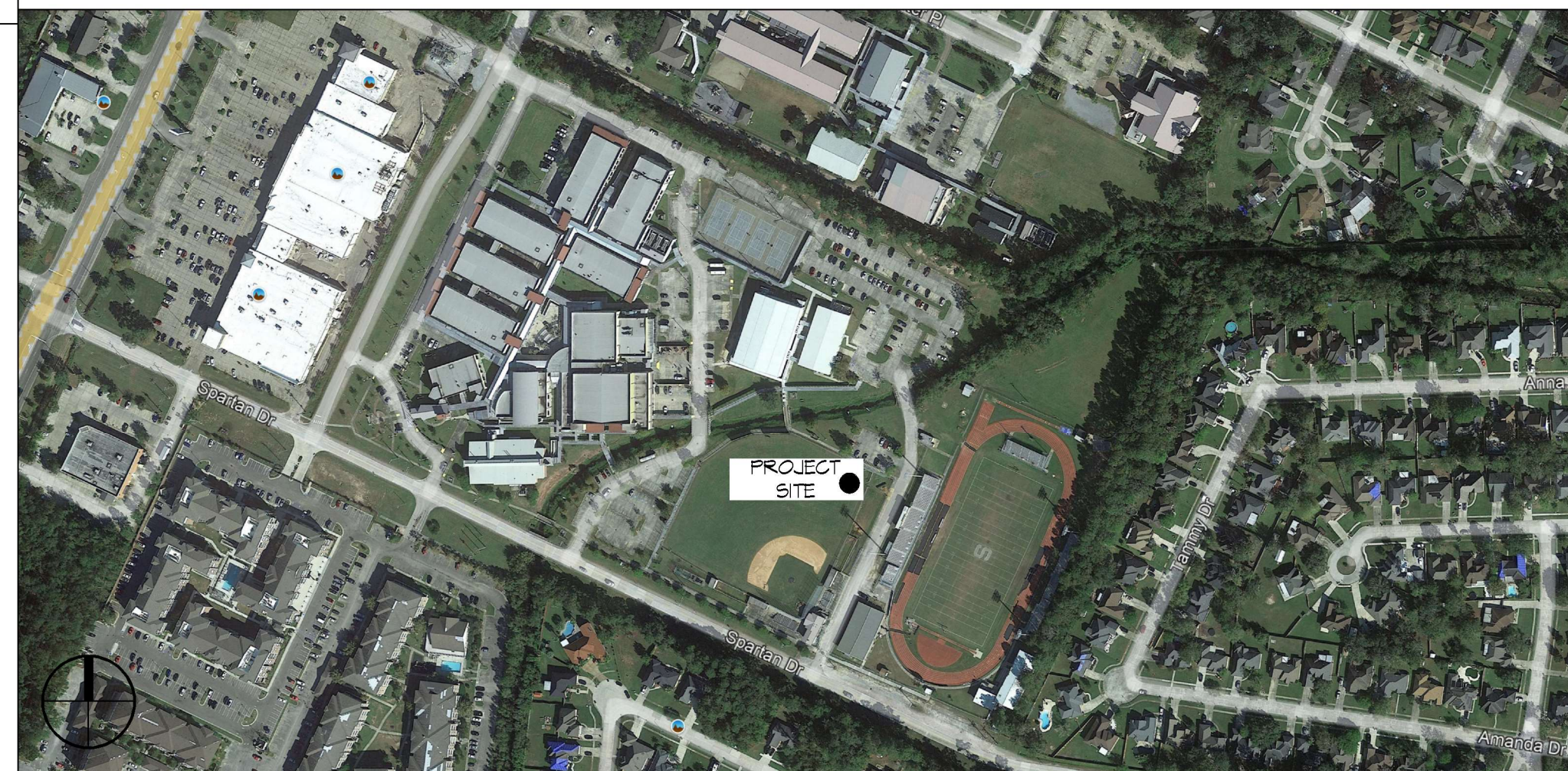
SYMBOL	DESCRIPTION
>	EXITS
(45)	DOOR FIRE RATINGS (MINUTES)
34 170	DOOR WIDTH/EGRESS CAPACITY
⊗	EXIT LIGHT
● FE	FIRE EXTINGUISHER W/ WALL MTD BRACKET
.....	COMMON PATH OF TRAVEL
.....	TRAVEL DISTANCE
●	DECISION POINT

SALMEN HIGH SCHOOL PRESS BOX REPLACEMENT STPSB PROJECT NO. P0319



LIFE-SAFETY PLAN
SCALE: 1/4" = 1'-0"

VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
C101	PARTIAL SITE PLAN
D101	DEMOLITION PLAN
S101	FOUNDATION PLAN & DETAILS
A101	FLOOR PLAN, EXTERIOR ELEVATIONS, BLDG SECTION
A102	PRESS BOX LAYOUT AND ELEVATIONS
E101	POWER AND LIGHTING PLAN

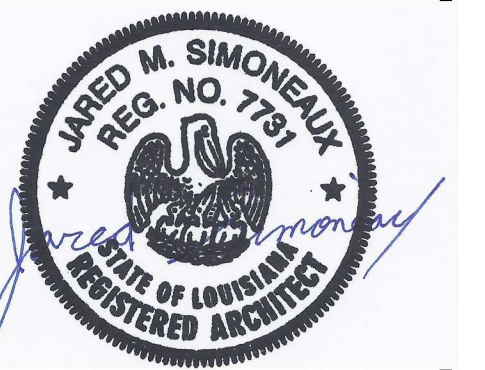
GENERAL NOTES

- ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
- THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
- DO NOT SCALE DRAWINGS. CONSULT WITH THE ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
- TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
- CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
- ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

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LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Metch, PE
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Sibley, LA 70458
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REVISIONS	DATE	DESCRIPTION
#		



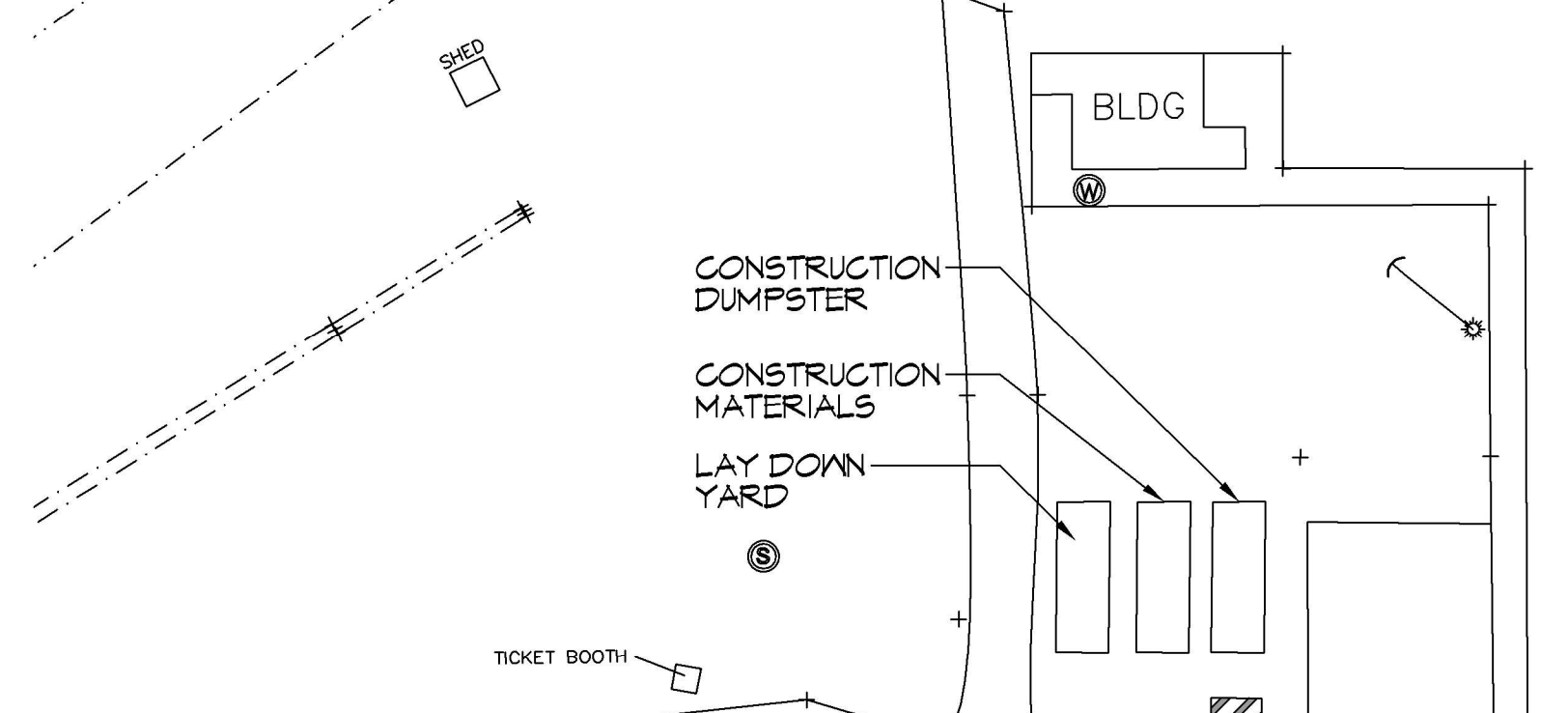
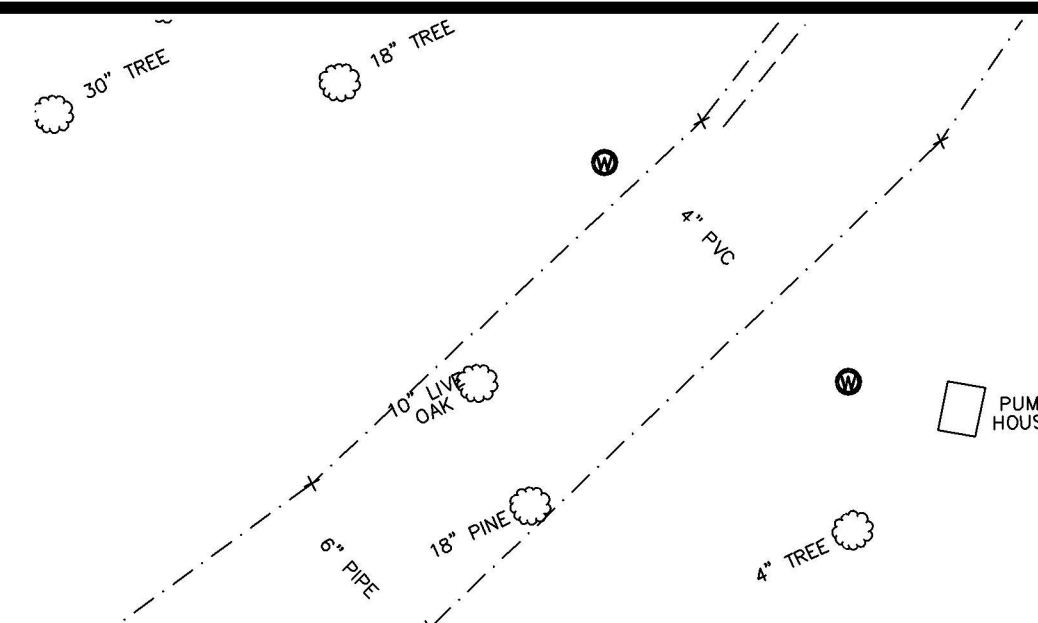
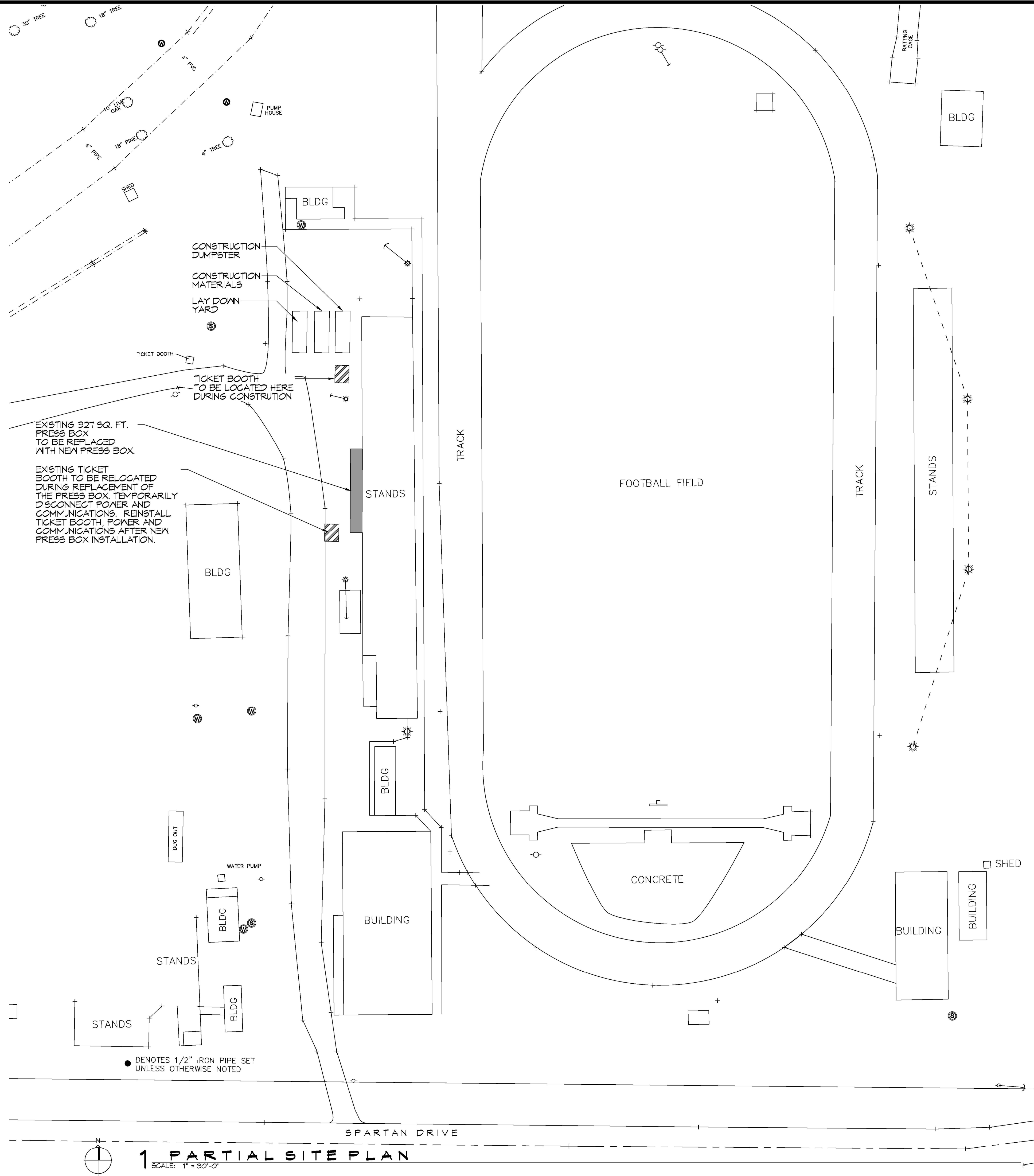
NEW PRESS BOX WITH EGRESS

DATE: 06-20-2022
JOB NO: 2458
DRAWN BY: CKD
CHECKED BY: JMS

SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

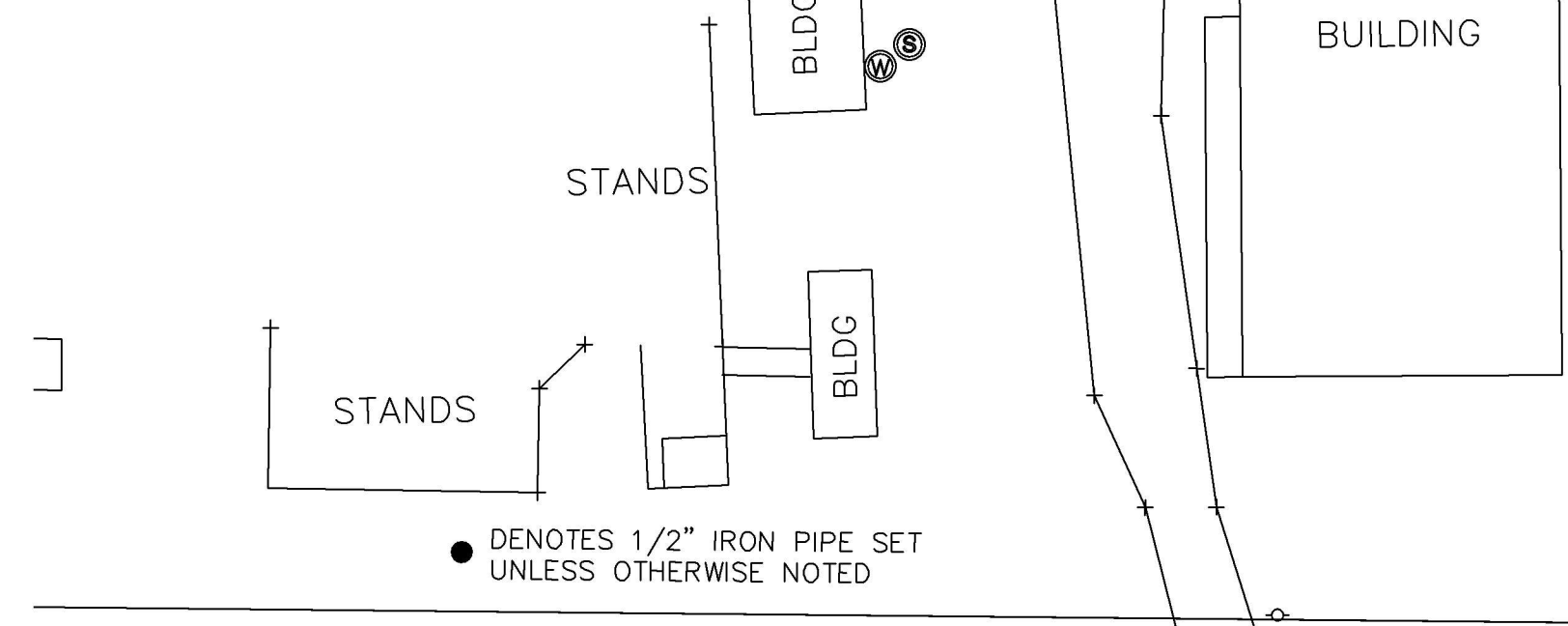
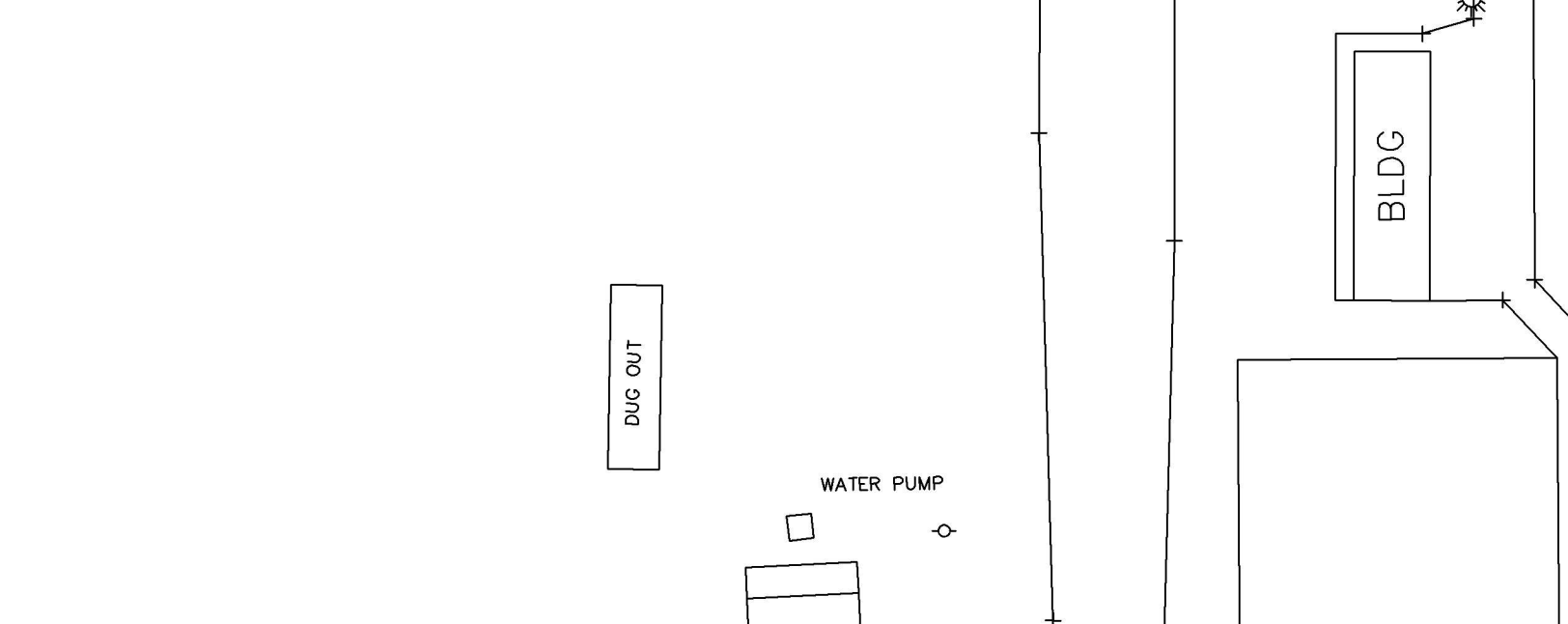
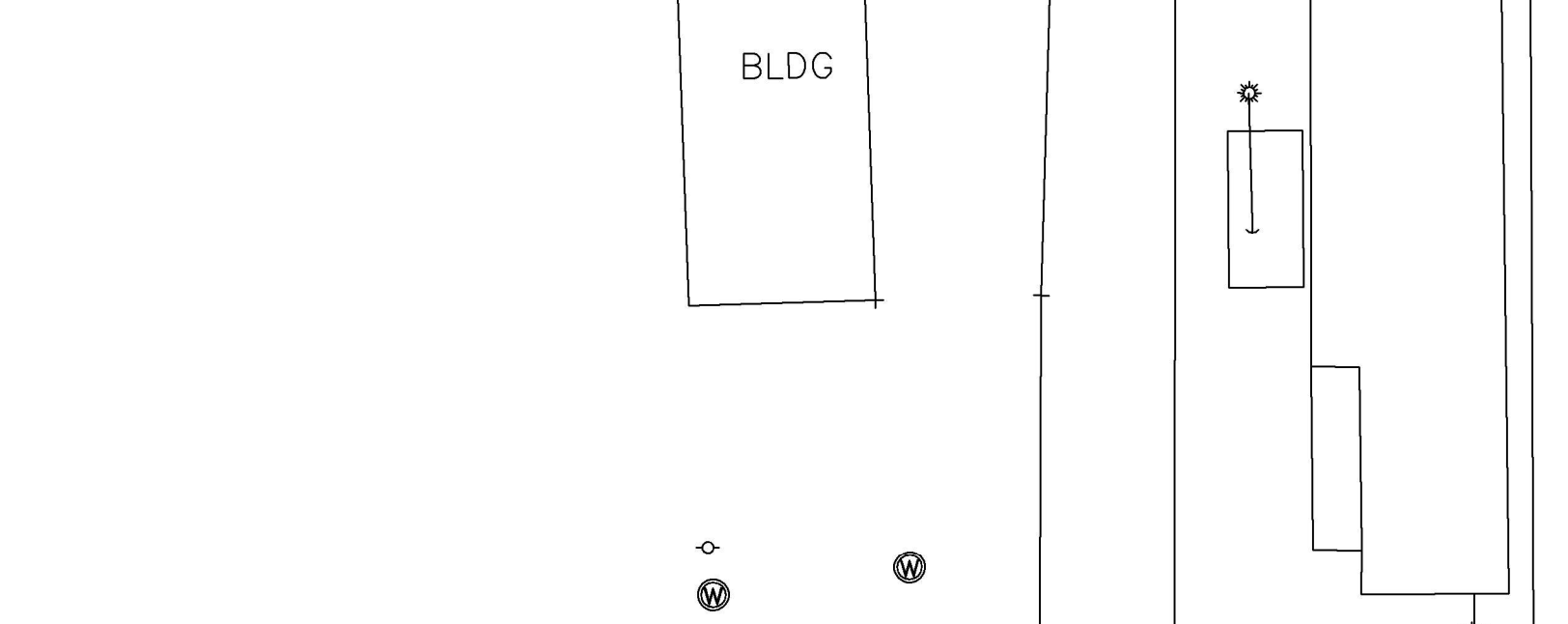
SHEET No: 1 of 7



EXISTING 321 SQ. FT. PRESS BOX TO BE REPLACED WITH NEW PRESS BOX.

EXISTING TICKET BOOTH TO BE RELOCATED DURING REPLACEMENT OF THE PRESS BOX. TEMPORARILY DISCONNECT POWER AND COMMUNICATIONS. REINSTALL TICKET BOOTH, POWER AND COMMUNICATIONS AFTER NEW PRESS BOX INSTALLATION.

TICKET BOOTH TO BE LOCATED HERE DURING CONSTRUCTION



● DENOTES 1/2" IRON PIPE SET UNLESS OTHERWISE NOTED

SPARTAN DRIVE

1 PARTIAL SITE PLAN
SCALE: 1" = 30'-0"

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#	DESCRIPTION	DATE
1		



NEW PRESS BOX SACHS ACADEMY

JOB No: 2456 | DATE: 06-20-2022 | DRAWN BY: JMS | CHECKED BY: C&D

SHEET TITLE:
PARTIAL SITE PLAN

DRAWING NUMBER:
C101

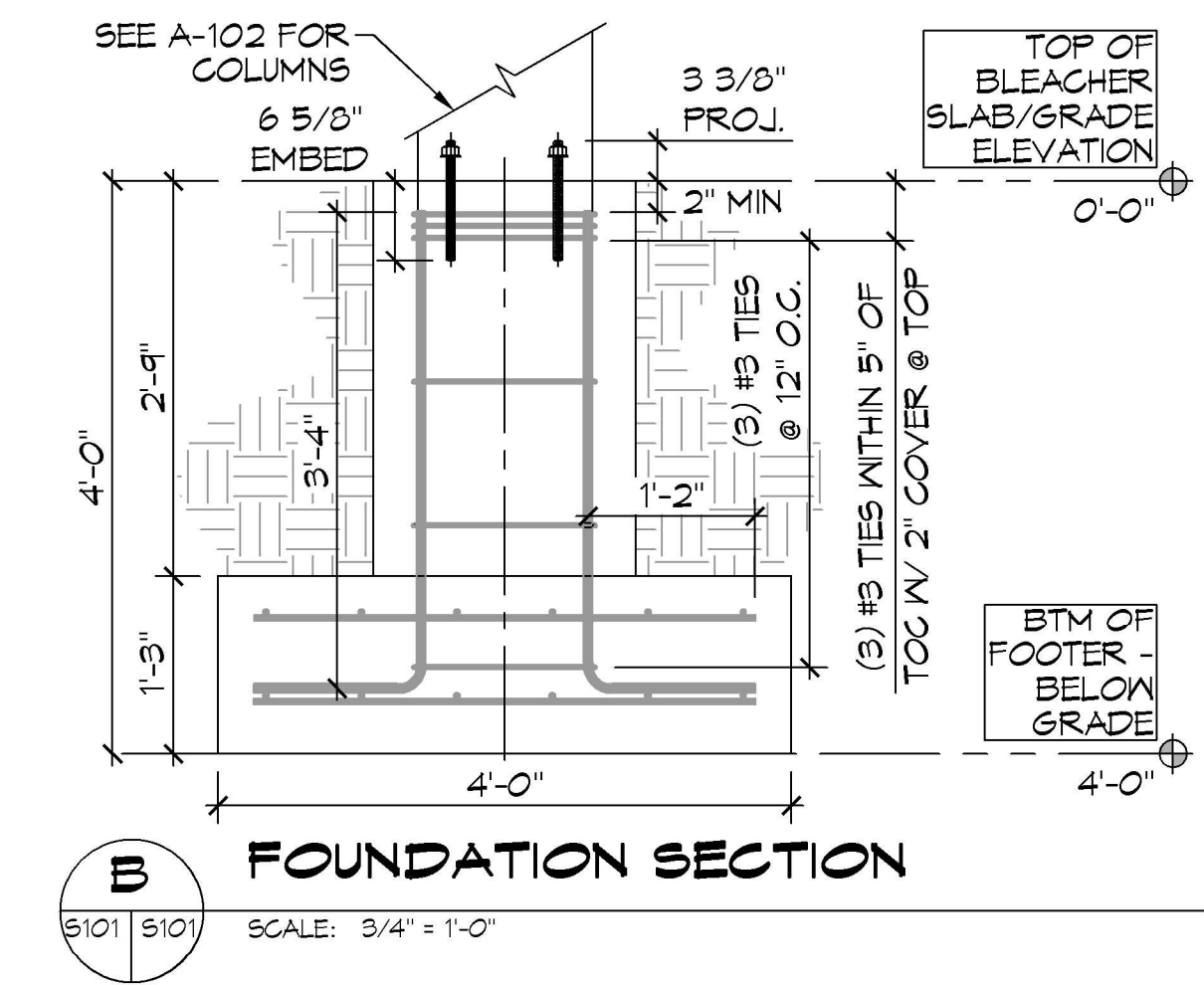
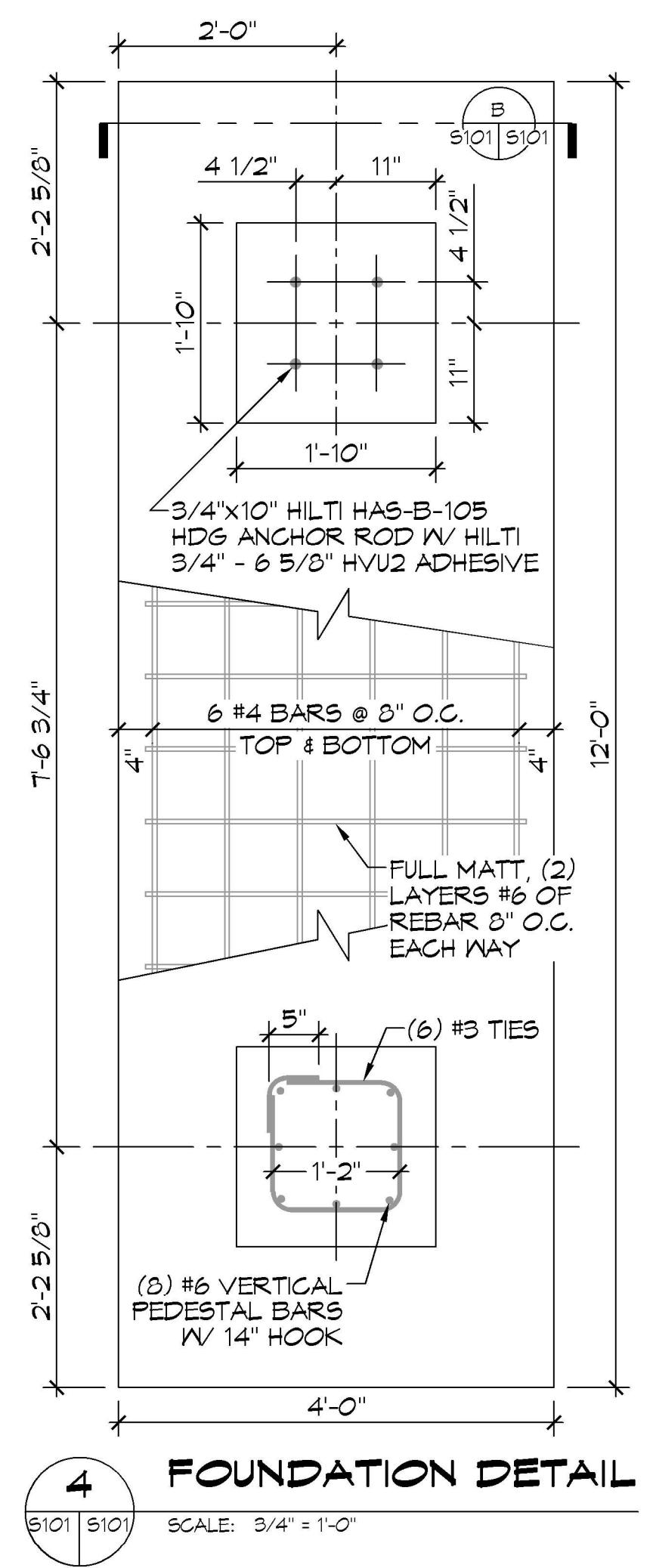
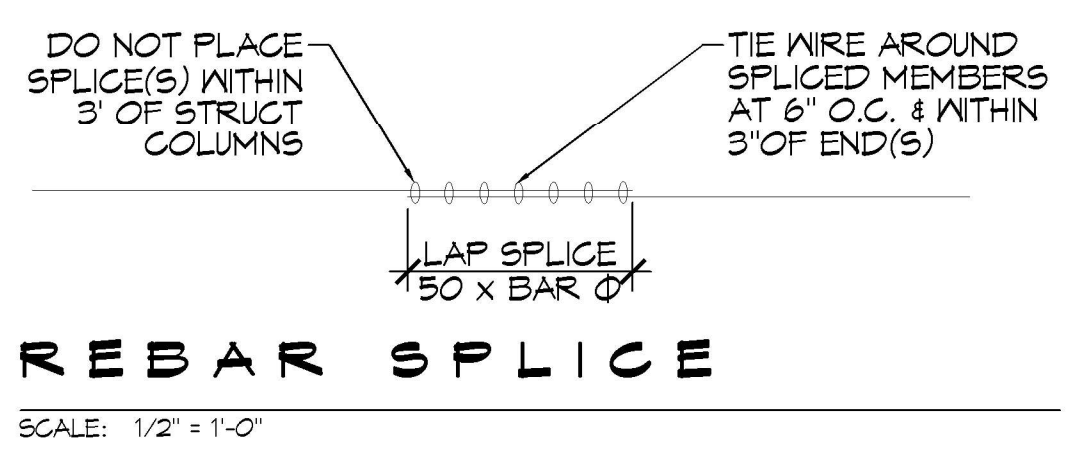
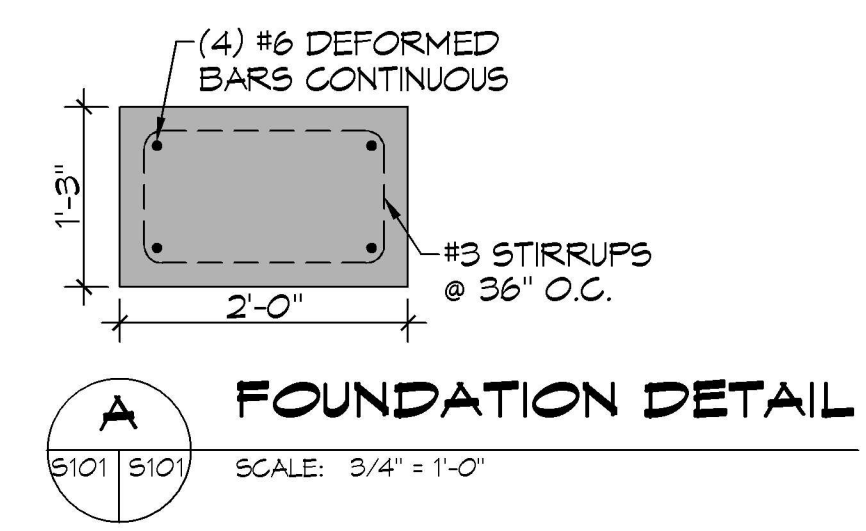
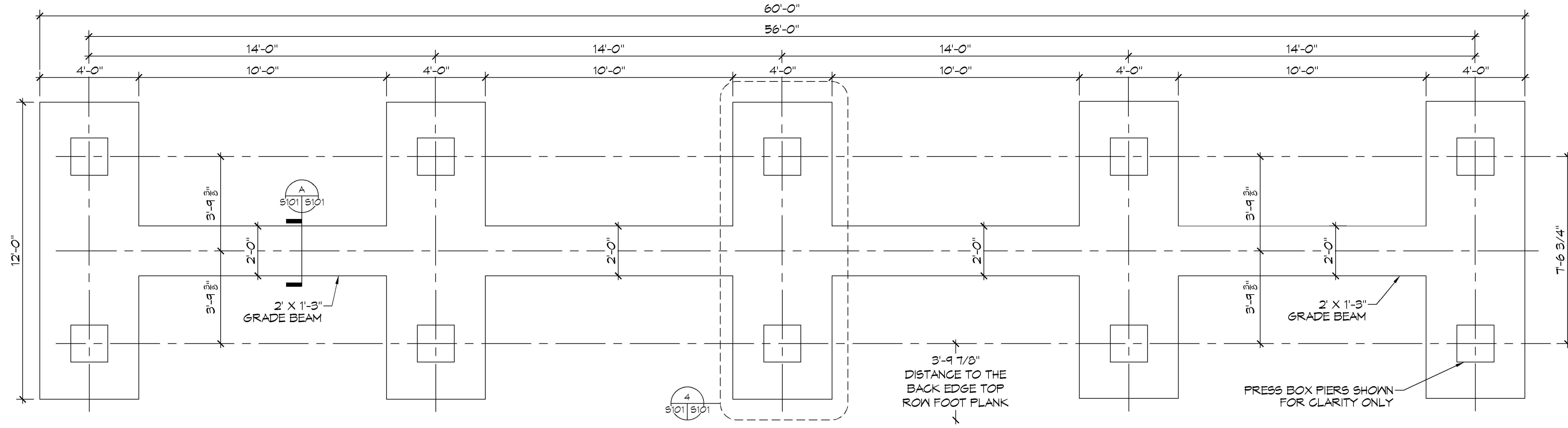
SHEET No: 2 of 7

STRUCTURAL STEEL FRAMING

SEE SHEET A-102 FOR ALL STRUCTURAL STEEL FRAMING.

GENERAL FOUNDATION NOTES

1. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
2. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
3. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
4. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, DIMENSIONS AND CONFIGURATIONS.
5. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
6. MUCK OUT FOUR FOOT DEPTH WHERE NEW FOOTINGS ARE LOCATED.
7. FILL, AS A MINIMUM QUALITY, SHALL BE 40% CLAY AND 60% SAND MIXTURE, PLACED IN 6" LIFTS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR. FOOTINGS ARE DESIGNED TO USE SOIL WITH A BEARING PRESSURE OF 2000 LBS. PER SQUARE FOOT OR MORE. IT IS RECOMMENDED THAT THE CONTRACTOR VERIFY ALLOWABLE SOIL BEARING PRESSURE CAPACITY BY CONTRACTING THE SERVICES OF A SOILS ENGINEERING COMPANY.



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#	DESCRIPTION	DATE



SEAL:

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

300 SPARTAN DRIVE
SLPELL, LA 70458
JOB No: 24459 DATE: 06-20-2022
DRAWN BY: JWS
CHECKED BY: JWS

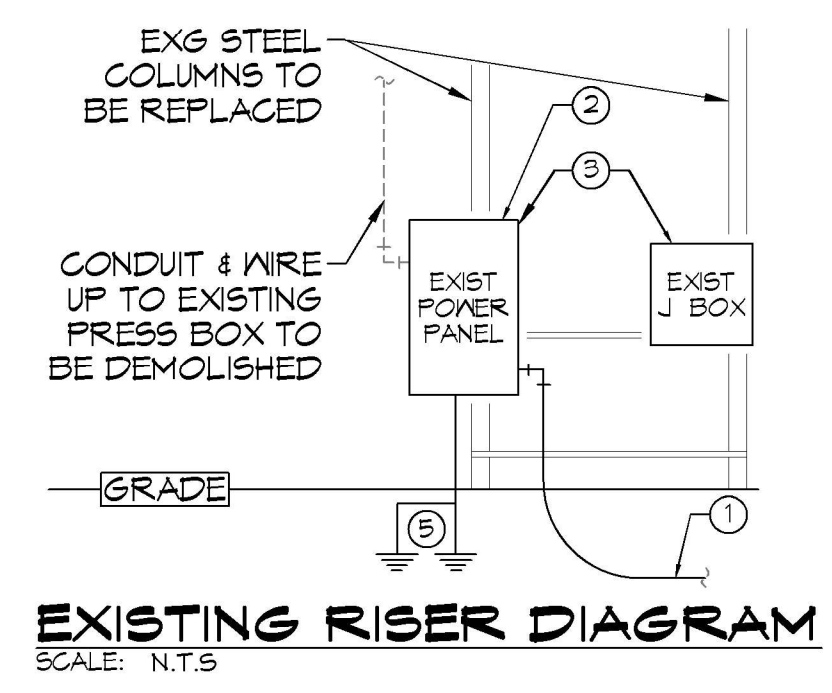
SHEET TITLE:
FOUNDATION PLAN & DETAILS

DRAWING NUMBER:
S101

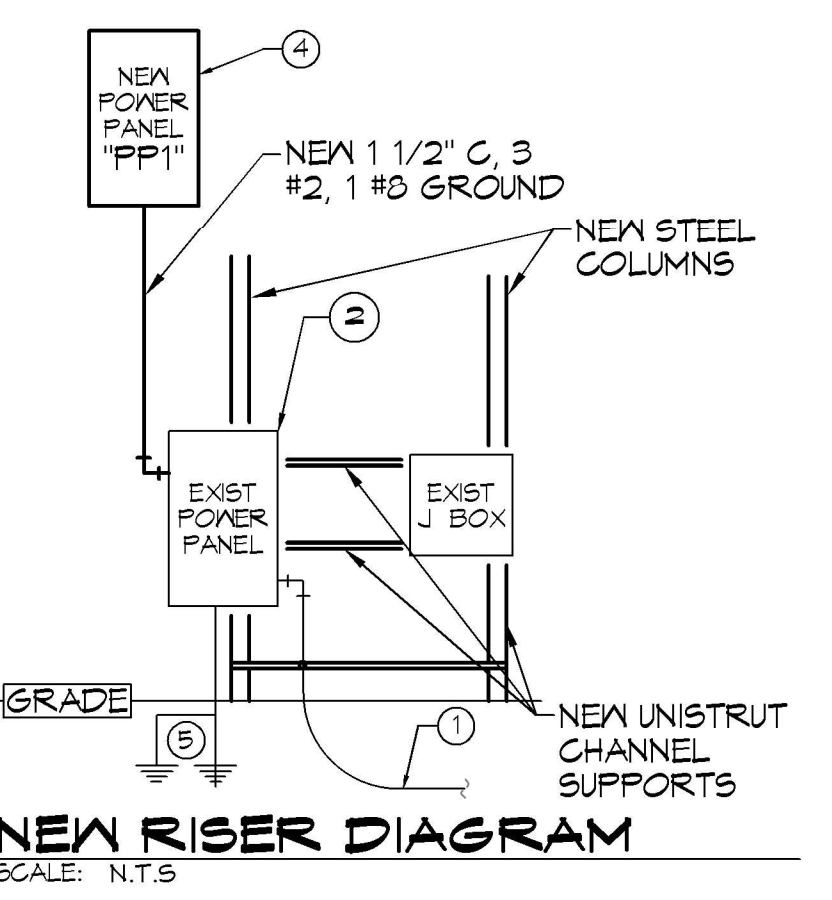
SHEET No: 4 of 7

PANEL SCHEDULE

PANEL:		FF1		VOLTAGE:		240/120, 1Ø, 3 WIRE, WITH 100A MAIN BREAKER					
LOCATION:		PRESS BOX		ENCLOSURE:		FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER					
FEEDER SOURCE:		EXISTING PANEL									
NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AD	BD	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP POLE					POLE AMP	LOCATION		
1	12	RECEPTACLE, ROOM 1	20 1	180			180	1 20	RECEPTACLE, ROOM 2	12	2
3	12	RECEPTACLE, ROOM 1	20 1	180			180	1 20	RECEPTACLE, ROOM 2	12	4
5	12	RECEPTACLE, ROOM 1	20 1	180			180	1 20	RECEPTACLE, ROOM 2	12	6
7	12	RECEPTACLE, ROOM 3	20 1	180			180	1 20	RECEPTACLE, ROOM 4	12	8
9	12	RECEPTACLE, ROOM 3	20 1	180			180	1 20	RECEPTACLE, ROOM 4	12	10
11	12	RECEPTACLE, ROOM 3	20 1	180			180	1 20	RECEPTACLE, ROOM 4	12	12
13	12	LIGHTING	20 1	300				1 20	SPARE		14
15	12	RECEPTACLES, REAR WALL	20 1	720				1 20	SPARE		16
17	10	A/C ROOM 1	30 2	1750			1750	2 30	A/C ROOM 2	10	18
19	10	A/C ROOM 3	30 2	1750			1750	2 30	A/C ROOM 4	10	20
21	10	A/C ROOM 3	30 2	1750			1750	2 30	A/C ROOM 4	10	22
23				1750			1750	2 30			24
25		SPACE					360	1 20	QUAD RECEPTACLE, ROOM 1	12	26
27		SPACE					360	1 20	QUAD RECEPTACLE, ROOM 1	12	28
29		SPACE					360	1 20	QUAD RECEPTACLE, ROOM 1	12	30
31		SPACE						1 20	SPARE		32
				TOTAL CONNECTED LOAD (VA) = 18,260				GROUND BUS			
				AD = 9,100				BD = 9,160			



EXISTING RISER DIAGRAM
SCALE: N.T.S.



NEW RISER DIAGRAM
SCALE: N.T.S.

ELECTRICAL LEGEND

- SATCO #62-1054 45W/LED/1x4/FLUSH/9K/MH 45 WATT 3000K LED, 1x4' SURFACE MOUNTED LIGHT (ELECTRICAL BOX IN CENTER)
- LITHONIA #ECRG-HO-RD-M6 EMERGENCY COMBINATION EXIT/FLOOD LIGHT W/ MIN. 90 MINUTE BATTERY BACK-UP (WALL MOUNT)
- LITHONIA #ERE-SGL-WP REMOTE EMERGENCY LIGHT HEAD (GRAY)
- SATCO #S9013 4" (1 WATT) 4000K LED W/P CAN LIGHT FIXTURE
- INTERMATIC #E1500 PROGRAMMABLE ASTRONOMICAL TIMER SWITCH (LIGHT ALMOND)
- LUTRON #MSOP55MLA, (1) POLE OCCUPANCY SENSOR SWITCH W/ MANUAL OVERRIDE - WALL MOUNTED
- ELECTRICAL DISTRIBUTION LOAD CENTER W/ MAIN DISCONNECT - 120/240V, SINGLE Ø, 100 AMP CAPACITY, SQ. D #Q0120M100-UP 48" TO CENTER, W/ (1) 1-1/2" CONDUIT THRU FLOOR, W/ (1) 3/4" CONDUIT THRU FLOOR
- #5400 SERIES CONTINUOUS ELECTRIC WIRE MOLD (IVORY) W/ RECEPT AND COMMUNICATION JACK COVERS 48" O.C. AND 3/4" CONDUIT THRU FLOOR AT EACH END OF PRESS BOX FOR ACCESS - UP 14"
- 2 1/2" GROMMETED HOLE THRU COUNTER
- ROOF ELECTRICAL ACCESS - 2"x4" WATERPROOF FASCIA MOUNTED JUNCTION BOX W/ 3/4" EMT CONDUIT TO ENTRANCE PANEL FOR FUTURE USE, WEATHER - RESISTANT RECEPTACLES IN WEATHER PROOF ENCLOSURES TO BE INSTALLED ON GUARD RAILS BY EC
- ZONELINE #AZ45E0TDAB 3.5 KW ELECTRIC WALL MOUNT W/ DRAIN KIT, HEAT/COOL UNIT - UP 1', 7,000 BTU COOL, 11,100 BTU HEAT
- PASS & SEYMOUR #3232-LA 20A 125V SPEC. GRADE, GROUNDING TYPE, RECEPTACLE (LIGHT ALMOND) 18" A.F.F. UNLESS NOTED
- PASS & SEYMOUR 420-W : QUAD RECEPTACLE 20A 125V, SPEC. GRADE, GROUNDING TYPE, RECEPTACLE, MID WALL HEIGHT.

NOTE: NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED.

GENERAL POWER NOTES

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL 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 INCLUDING 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 CEILING, 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, 3/4" SCHEDULE 40 PVC FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC FOR EXTERIOR USE BELOW GRADE. BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS AND 36" IN VEHICULAR TRAFFIC AREAS. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. USE NMC IN WOOD CONSTRUCTION. 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).
- CONTRACTOR SHALL INSTALL WIRING, CIRCUIT BREAKERS AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- 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.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WEATHERPROOF. ALL RECEPTACLES IN THE KITCHEN AREA SHALL HAVE GROUND FAULT PROTECTION.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-65, NFPA 250-28, 250-11 & 250-72.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-226.
- FUSES SHALL BE ITT CLASS K5, 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 SHAWLED IN SUCH A MANNER SO THAT NO DIRECT LIGHT 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 CALLED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A WATERPROOF CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM E814.)
- VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL PROVIDE AN EFFECTIVE GROUND-FAULT CURRENT PATH BY INSTALLATION IN A METAL RACEWAY SYSTEM OR A MEDICAL GRADE MC CABLE (NEC ART. 517.19(A) & (B)).

GENERAL LIGHTING NOTES

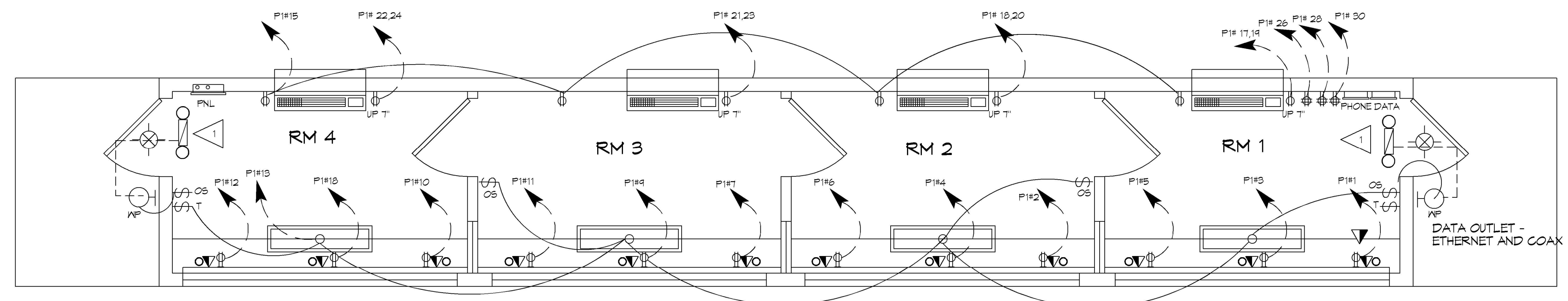
- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
- 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.
- 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.
- ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
- 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.
- ALL CONDUCTORS SHALL BE COPPER.
- WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
- MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
- 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.
- EACH DIMMER SWITCH SHALL HAVE A MATTAGE RATING 25% HIGHER THAN THE TOTAL MATTAGE 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.
- ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
- ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.135.

ONE LINE DIAGRAM NOTES

- EXISTING UNDERGROUND FEEDER TO REMAIN.
- EXISTING 240/120V, 125A, 1Ø, 3 WIRE PANEL TO REMAIN. DISCONNECT AND REMOVE ALL WIRING TO EXISTING PRESS BOX. INSTALL NEW 100A, 2 POLE CIRCUIT BREAKER IN SPACE #12/14.
- PROVIDE TEMPORARY SUPPORT FOR PANEL AND JUNCTION BOX DURING CONSTRUCTION.
- NEW 240/120V, 100A, 1Ø, 3 WIRE PANEL WITH MAIN BREAKER, IN PRESS BOX.
- EXISTING GROUND RODS AND GROUND WIRE IN PVC PIPE. CONNECT

KEYED NOTES

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



14 LIGHTING AND POWER PLAN
SCALE: 3/8"=1'-0"

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW PRESS BOX LIGHTING

DATE: 06-30-2022
DRAWN BY: CSD
CHECKED BY: CSD

SHEET TITLE: **POWER AND LIGHTING PLAN**

DRAWING NUMBER: **E101**

SHEET No: 7 of 7