

LIFE - SAFETY INFORMATION	
APPLICABLE CODES	
NFPA 101 LIFE-SAFETY CODE 2015	
OCCUPANCY TYPE(S) AND CHAPTER(S)	
ASSEMBLY A-3 & E (CHAPTER 12)	
MIXED OCCUPANCY (REFERENCE CHAPTER 6)	
OCCUPANT LOAD FACTOR (REFERENCE TABLE 7.3.1.2)	
ASSEMBLY CONCENTRATED USE	8716 SQ FT / 7 NET 1,245 OCCUPANTS
STAGES	2482 SQ FT / 15 NET 165 OCCUPANTS
EDUCATIONAL CLASSROOMS	3600 SQ FT / 20 NET 180 OCCUPANTS
SHOP / LAB / VOCATIONAL	1982 SQ FT / 50 NET 40 OCCUPANTS
TOTAL OCCUPANTS	1630 OCCUPANTS
CLASSIFICATION OF HAZARD OF CONTENTS	
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH)	
CONSTRUCTION TYPE= II B (REFERENCE: CHAPTERS, TABLE A.9.2.1.2 AND COMMENTARY TABLE 6.1 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)	
1/2 DIAGONAL =	47'-5"
MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
50 FEET	
MAXIMUM COMMON PATH OF TRAVEL DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
100 FEET	
MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
250 FEET	
EXTINGUISHMENT REQUIREMENTS FULLY SPRINKLERED	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS FULL ALARM	
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE	

BUILDING CODE INFORMATION	
APPLICABLE CODES	
IBC 2021	
ASSEMBLY GROUP AS-E (IBC 2021 CHAPTER 3)	
OCCUPANT LOAD CALCULATIONS (TABLE 1004.1.2)	
ASSEMBLY A-3 CONCENTRATED (CHAIRS ONLY NOT FIXED)	8716 SQ FT / 7 NET 1,245 OCCUPANTS
STAGES & PLATFORMS	2482 SQ FT / 15 NET 165 OCCUPANTS
CLASSROOM AREA	3600 SQ FT / 20 NET 180 OCCUPANTS
SHOPS & OTHER VOCATIONAL ROOM AREAS	1982 SQ FT / 50 NET 40 OCCUPANTS
TOTAL OCCUPANTS	1630 OCCUPANTS
CONSTRUCTION TYPE(S) (TABLE 503)	
II B (SECTION 503)	
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	
MAXIMUM HEIGHT IN STORES (SECTION 503 & 504, TABLE 503)	1
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503) WITH AREA INCREASE	24,000 SF

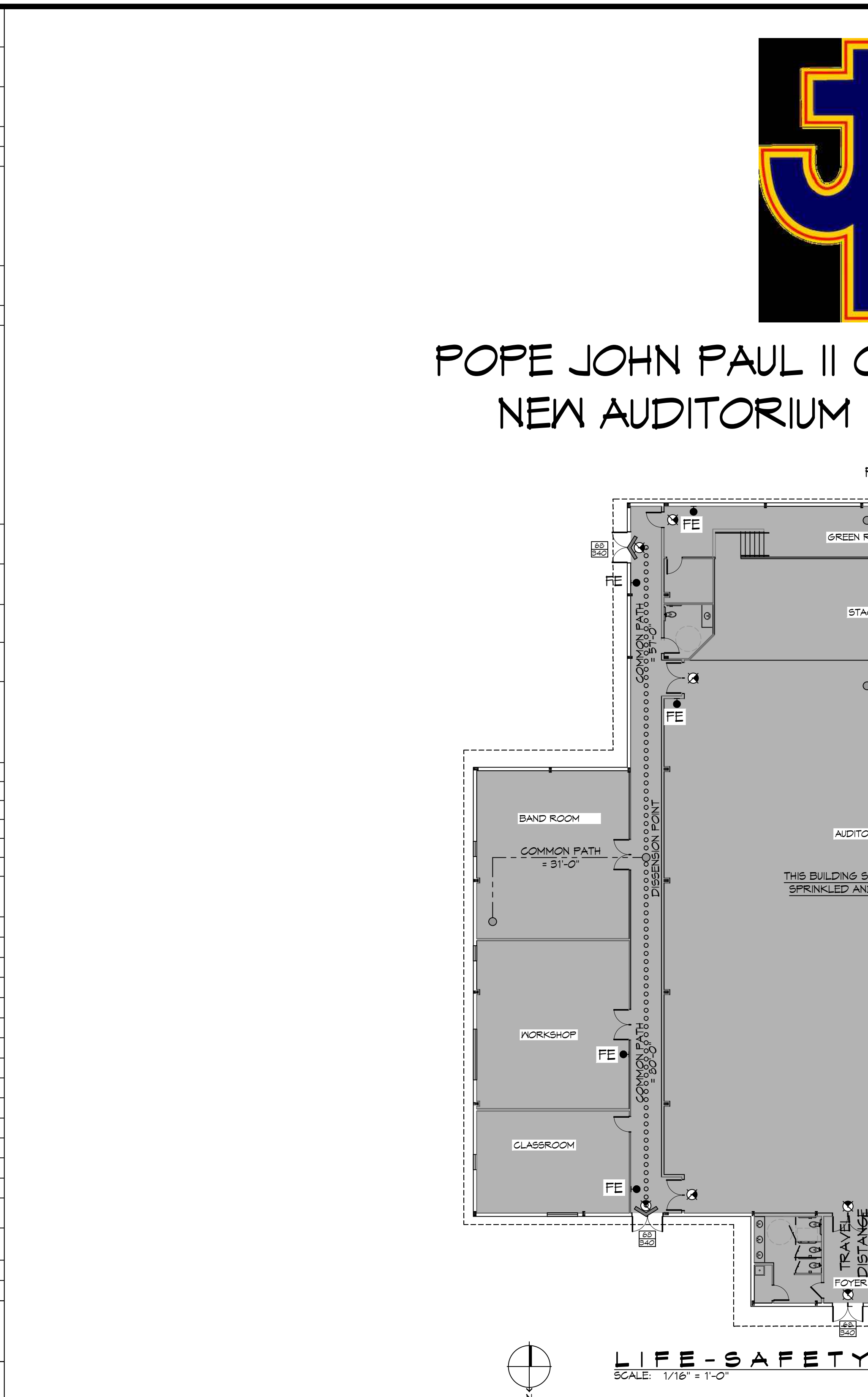
WIND SPEED DESIGN REQUIREMENTS	
THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:	
WIND DESIGN DATA: DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY	
ULTIMATE WIND SPEED =	141 MPH (IBC FIG 1609C)
NOMINAL WIND SPEED =	V _{ref} = 109 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 NOT FIXED SEATING (IBC TABLE 1607.1):	60 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 SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES, INC. THIS PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA. F.I.R.M. COMMUNITY MAP NO 220204 0420 E; REVISED 4/21/99	
FLOOD ZONE:	C
BASE FLOOD ELEVATION	N/A
ELEVATIONS REFER TO NGVD 1929 DATUM	

PROJECT DESCRIPTION

THIS IS A 20,546 SQ. FT. PRE ENGINEERED METAL BUILDING FOR A NEW AUDITORIUM AND WILL INCLUDE CLASSROOMS. IT WILL HAVE A FULL SPRINKLER AND FIRE ALARM.

LIFE - SAFETY LEGEND	
SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER AND CABINET
	FIRE EXTINGUISHER W/ WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT
	SMOKE PARTITION
	ONE-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE/SMOKE PARTITION
	FOUR-HOUR RATED PARTITION



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, SPECIFICATIONS 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 ARCHITECT 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.	NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.
9.	ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

SHEET INDEX	
SHEET #	SHEET TITLE
6001	GENERAL PROJECT, LIFE-SAFETY, AND BUILDING CODE INFORMATION
6002	ACCESSIBILITY INFORMATION
C101	SITE PLAN
C102	UTILITY SITE PLAN
C103	DRAINAGE PLAN
C104	SITE PAVING PLAN
C105	SITE SECTION
C106	EROSION CONTROL PLAN
S101	FOUNDATION PLAN
A101	FLOOR PLAN
A102	REFLECTED CEILING PLAN
A103	ELEVATION PLAN
A104	INTERIOR ELEVATIONS PLAN
A105	BUILDING SECTION PLAN
P101	PLUMBING PLAN, RISER, & DETAILS
M101	MECHANICAL PLAN
M102	MECHANICAL SCHEDULES & DETAILS
E101	POWER PLAN
E102	LIGHTING PLAN
E103	CIRCUIT PANELS AND ONE-LINE DIAGRAM

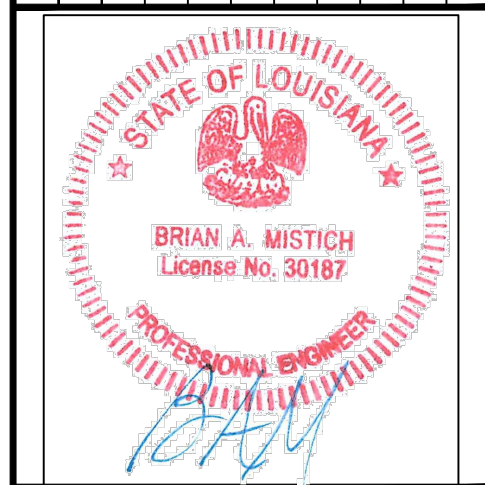
POPE JOHN PAUL II CATHOLIC HIGH SCHOOL NEW AUDITORIUM AND CLASSROOMS



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#	DESCRIPTION	DATE



NEW AUDITORIUM POPE JOHN PAUL II CATHOLIC HIGH SCHOOL

1501 JAGUAR DR.
SLIDELL, LA 70461
JOB No: 2522 DATE: 04-10-2026
DRAWN BY: JMS CHECKED BY: CKD

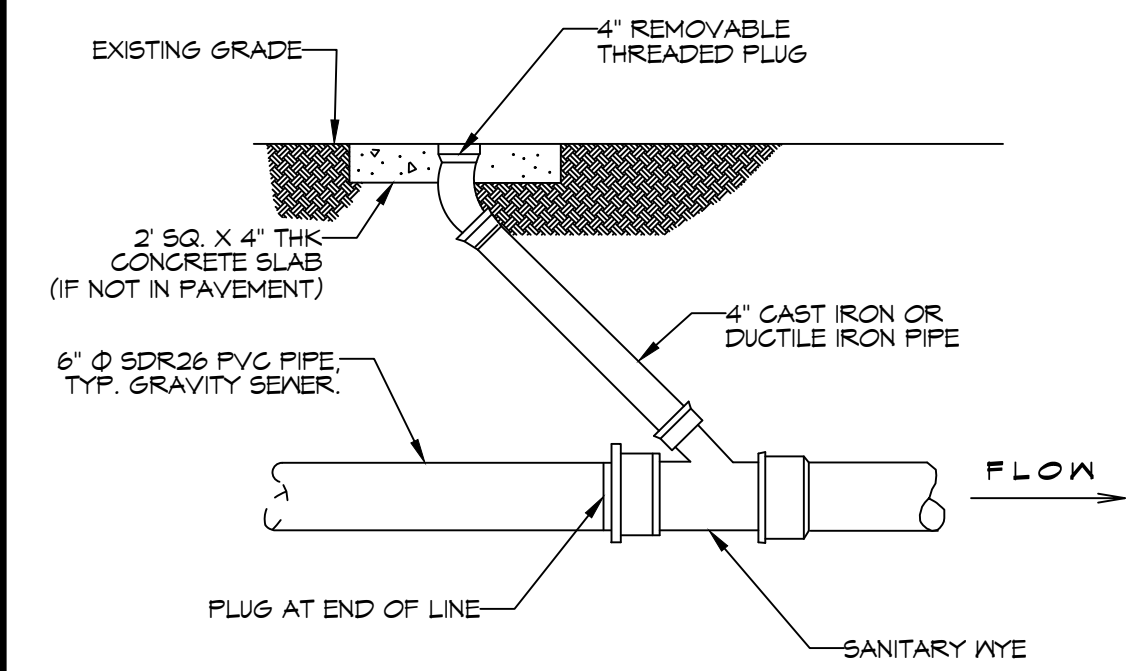
SHEET TITLE: GENERAL PROJECT, LIFE-SAFETY, AND BUILDING CODE INFORMATION

DRAWING NUMBER: **6001**

SHEET No: 1 of 20

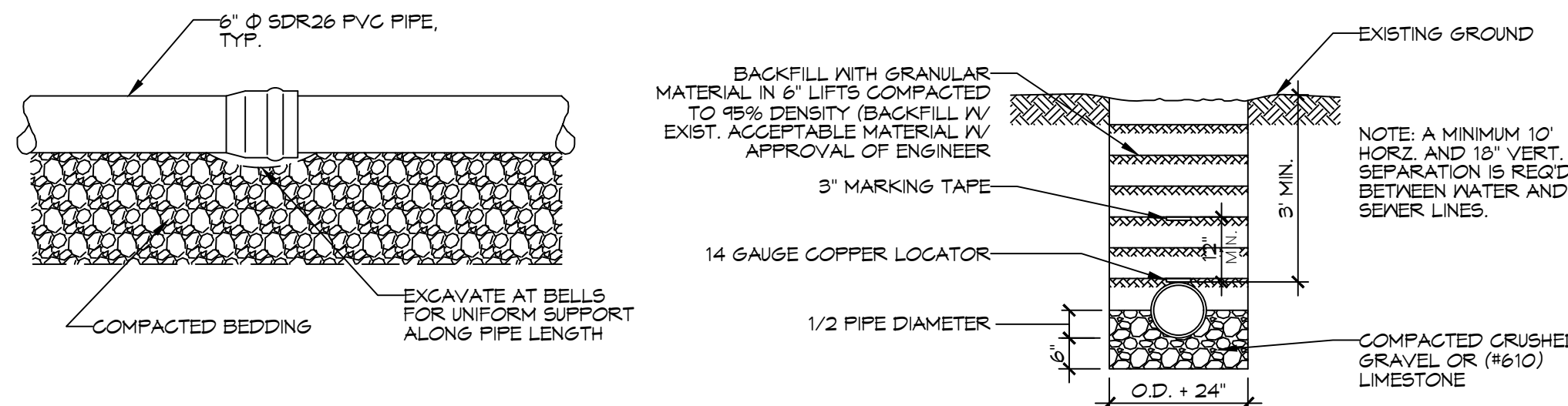
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 TIME: 10:55:32 AM
 USER: brian.mistich
 PLOT: 04-10-2023 10:55:32 AM
 PLOTTER: HP DesignJet 500

A DETAIL
SCALE: N.T.S.



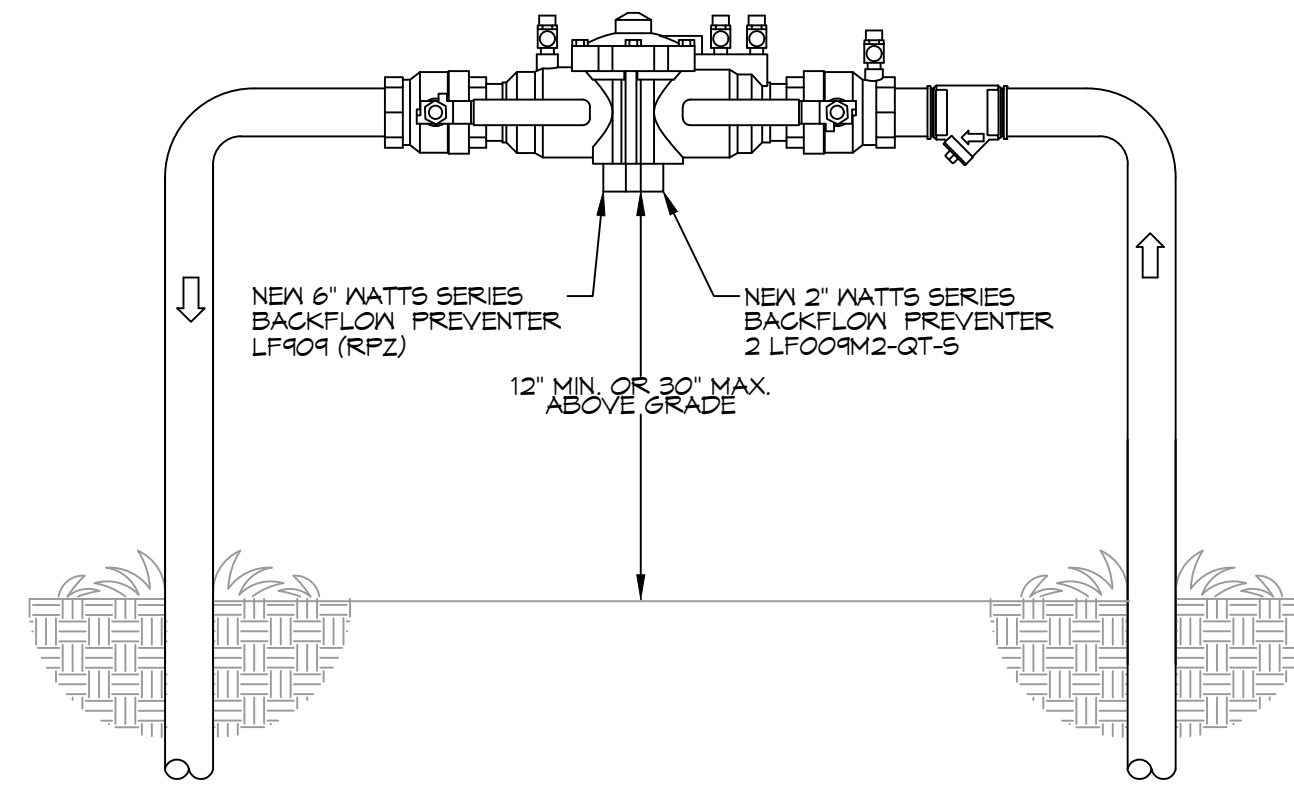
THROUGH FLOW CLEAN OUT DETAIL

B DETAIL
SCALE: N.T.S.



PIPE BEDDING DETAIL FOR SEWER AND WATER

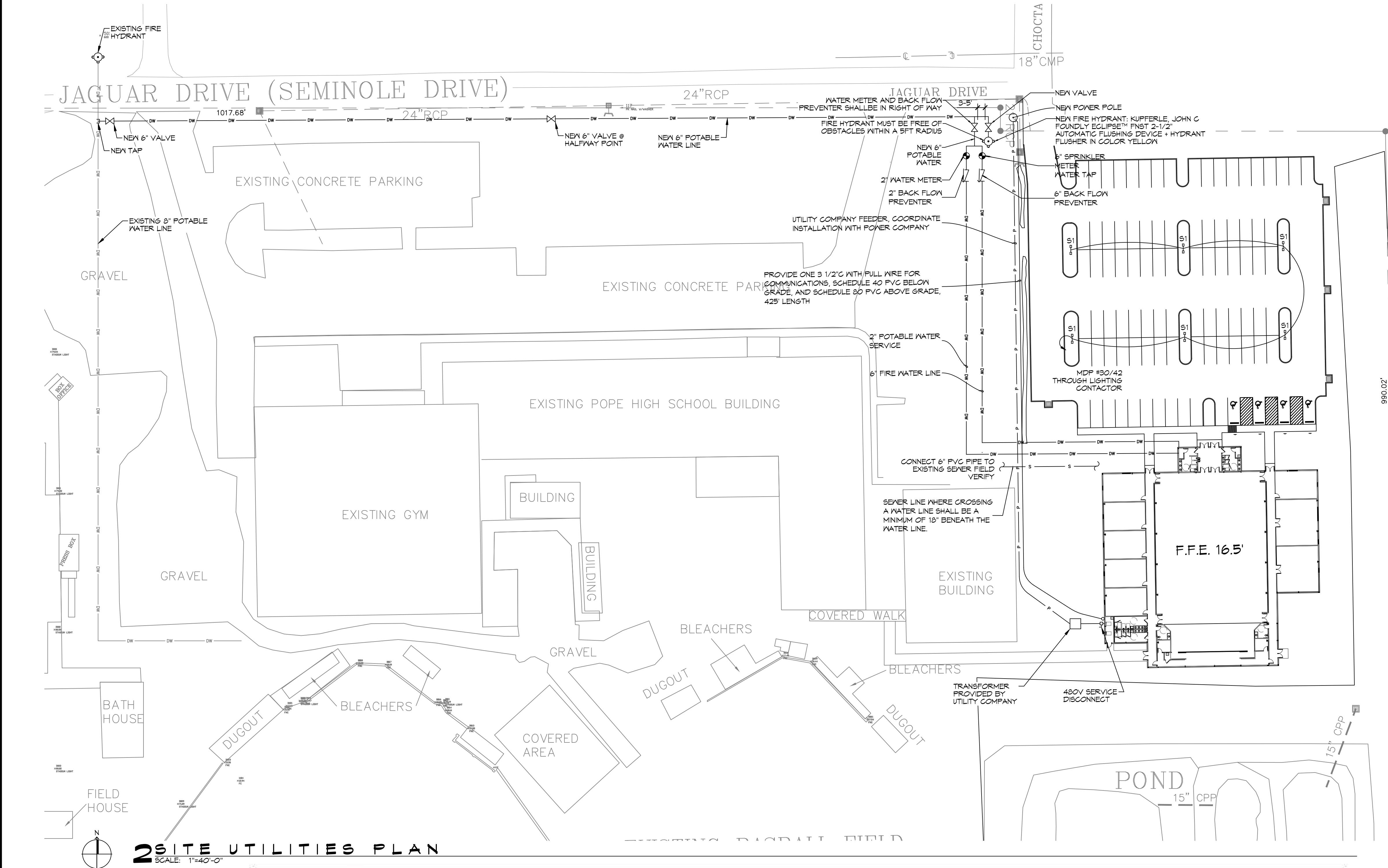
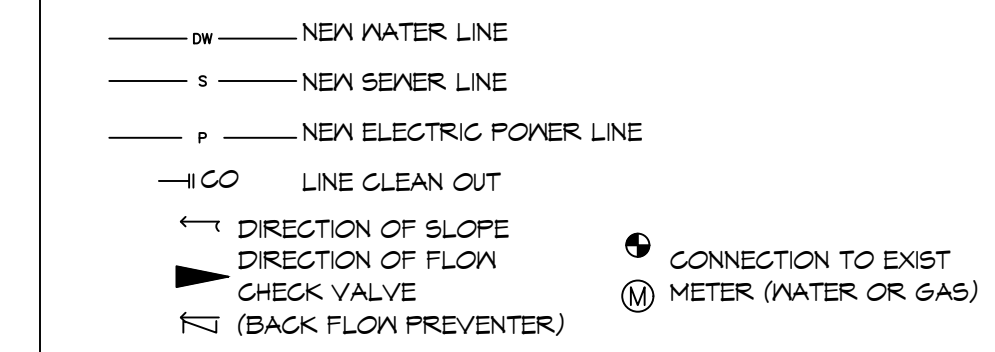
3 TYPICAL RISER DETAIL
SCALE: N.T.S.



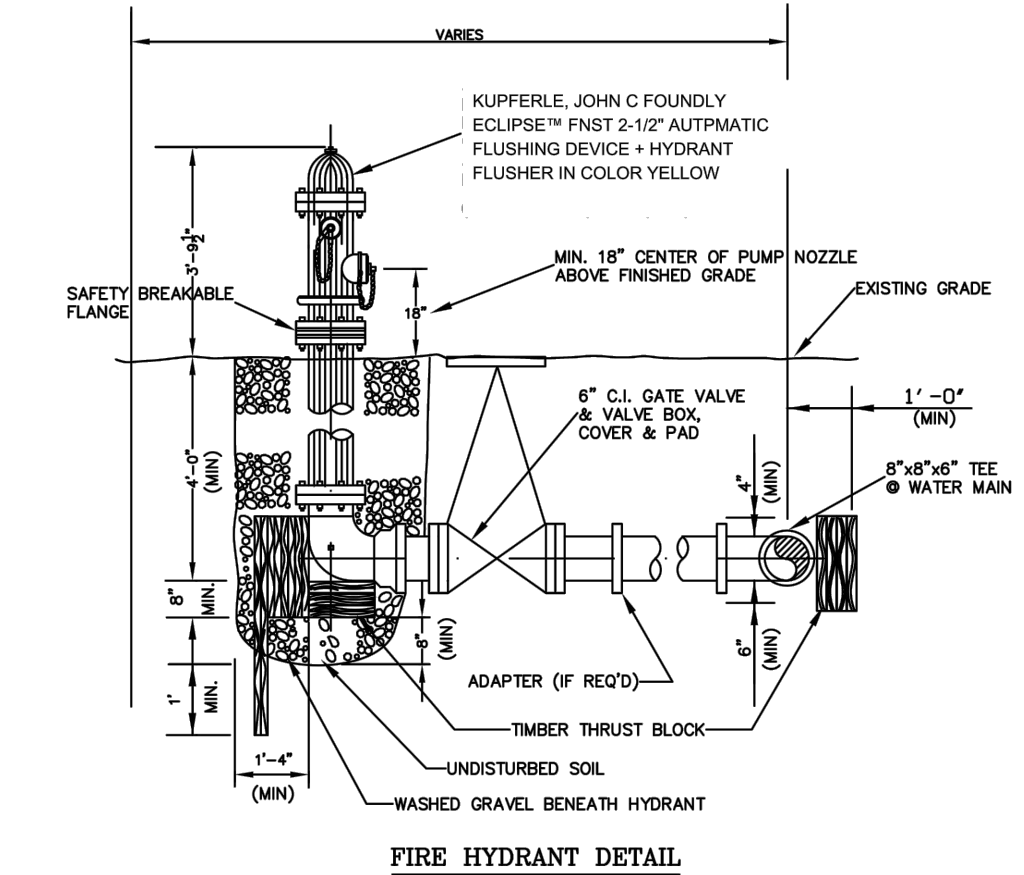
GENERAL SITE UTILITIES NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH CONTRACT SPECIFICATIONS AND APPLICABLE LOCAL, STATE, AND FEDERAL STANDARDS AND REGULATIONS.
- CONSTRUCTION SHALL NOT INTERRUPT EXISTING UTILITIES.
- ALL DISTURBED GROUND SHALL BE RESTORED IN KIND TO A CONDITION EQUAL TO OR BETTER THAN ORIGINALLY FOUND.
- SOIL EROSION CONTROL SHALL BE IN ACCORDANCE WITH THESE DOCUMENTS.
- PROTECT EXISTING UTILITY LINES FROM DAMAGE. FOLLOW INDIVIDUAL UTILITY'S RECOMMENDATIONS FOR UTILITY LINE PROTECTION.
- CONTRACTOR SHALL IMMEDIATELY REPORT ALL DAMAGE TO UTILITY LINES TO BOTH UTILITY COMPANY AND ENGINEER.
- ALL DAMAGE CAUSED TO EXISTING UTILITY LINES BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR TO COMPLETE SATISFACTION OF THE UTILITY COMPANY AND ENGINEER.
- LOCATION OF EXISTING UTILITIES IS APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.
- CONTRACTOR IS RESPONSIBLE FOR CUT AND GAP OF EXISTING UTILITIES PRIOR TO ANY DEMOLITION.
- CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL PRIOR TO COMMENCEMENT OF SITE EXCAVATION.
- THE CONTRACTOR SHALL CONTACT CITY OF SLIDELL PUBLIC UTILITY DEPARTMENT AT (985) 846-4291 FOR TAPS.
- THE CONTRACTOR SHALL CONTACT HERB GORNOR @ WASHINGTON ST TAMMANY (985) 892-8804 FOR POWER CONNECTION.

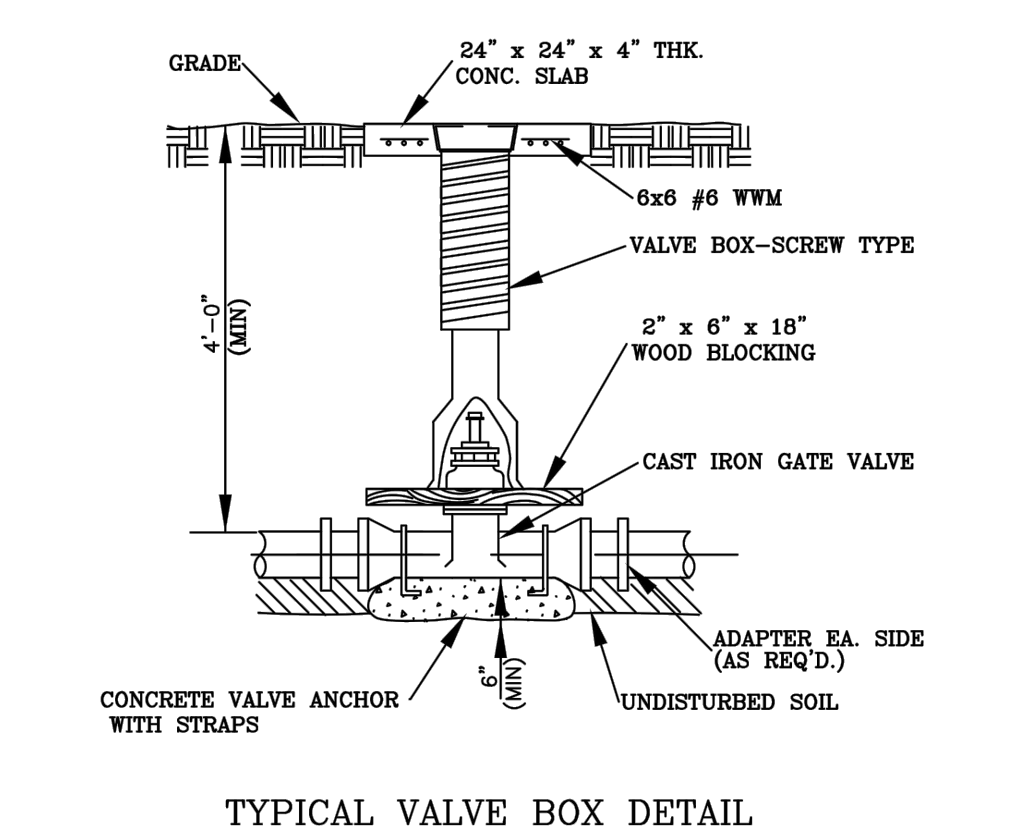
SITE UTILITIES LEGEND



2 SITE UTILITIES PLAN
SCALE: 1"=40'-0"



- NOTES:
HYDRANT PAINT SHALL BE FACTORY APPLIED. (FIELD APPLIED PAINT SHALL NOT BE APPROVED)
PAINT COLOR SHALL BE:
1. KENNEDY HYDRANTS: KENNEDY SAFETY YELLOW NUMBER 05
2. MUELLER HYDRANTS: SAFETY YELLOW, F830X1959, M40150, PAINT CODE (W7)
3. CLOW MEDALLION: SAFETY YELLOW
4. AMERICAN DARLING HYDRANTS: DUPONT SAFETY YELLOW 1663E



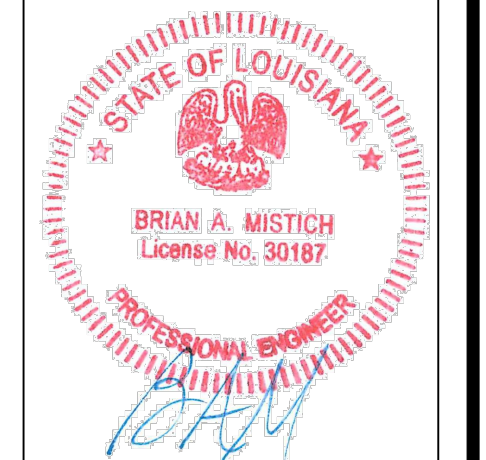
4 FIRE HYDRANT DETAIL
SCALE: N.T.S.

Luminaire Schedule						LLF	Lum. Lumens
Symbol	Label	Qty	Arrangement	Manufacturer & Part Number			
	S1	6	Back-Back	NLS - NV-1-T5W 32L-7-40K7- HV		0.950	10365

PARKING LOT LIGHTING SCHEDULE
SCALE: N.T.S.

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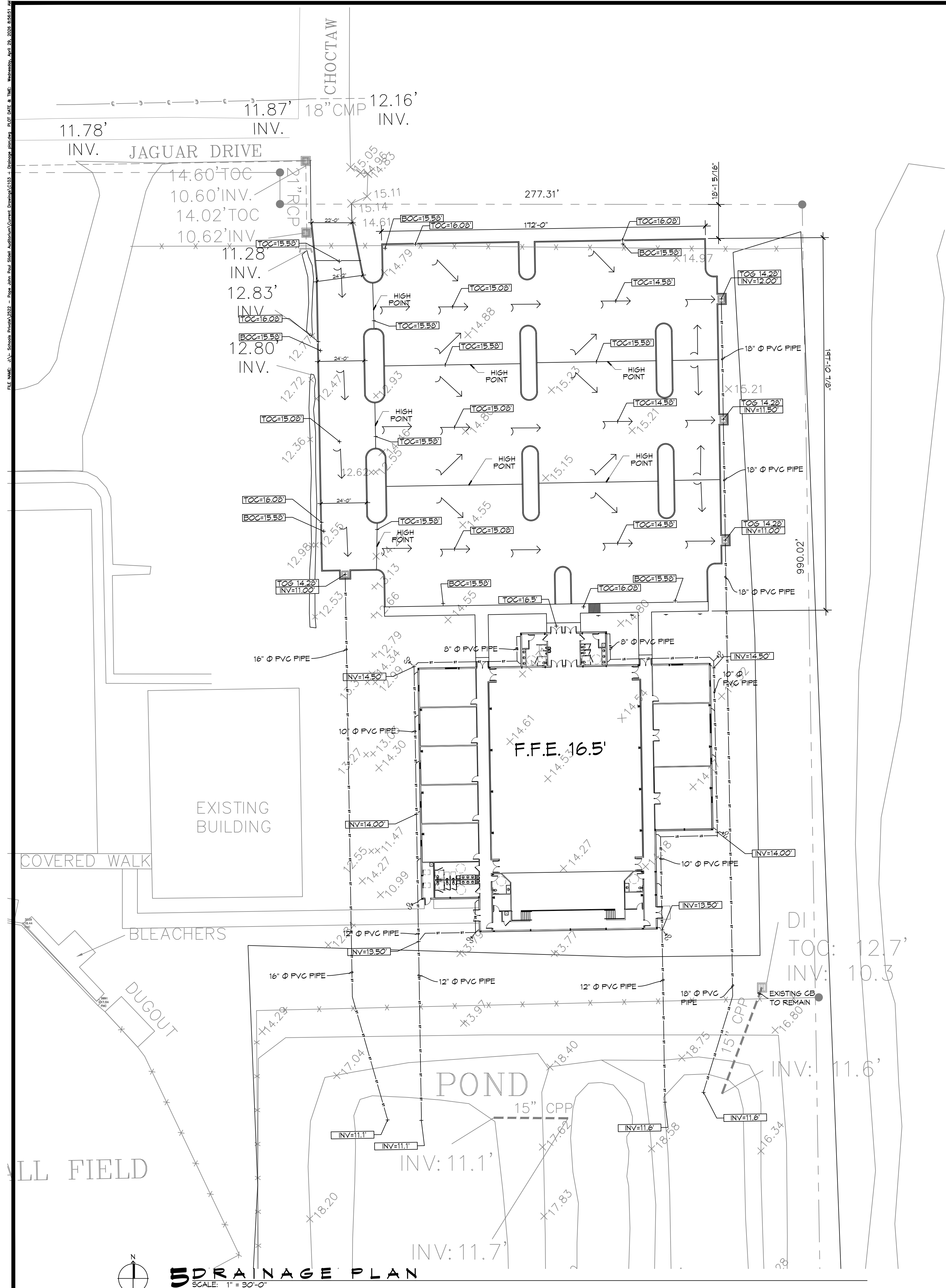
DATE	REVISIONS	DESCRIPTION



NEW AUDITORIUM
 POPE HIGH SCHOOL

JOB No: 2022-04-10-2023
 DATE: 04-10-2023
 DRAWN BY: BAK
 CHECKED BY: GCS

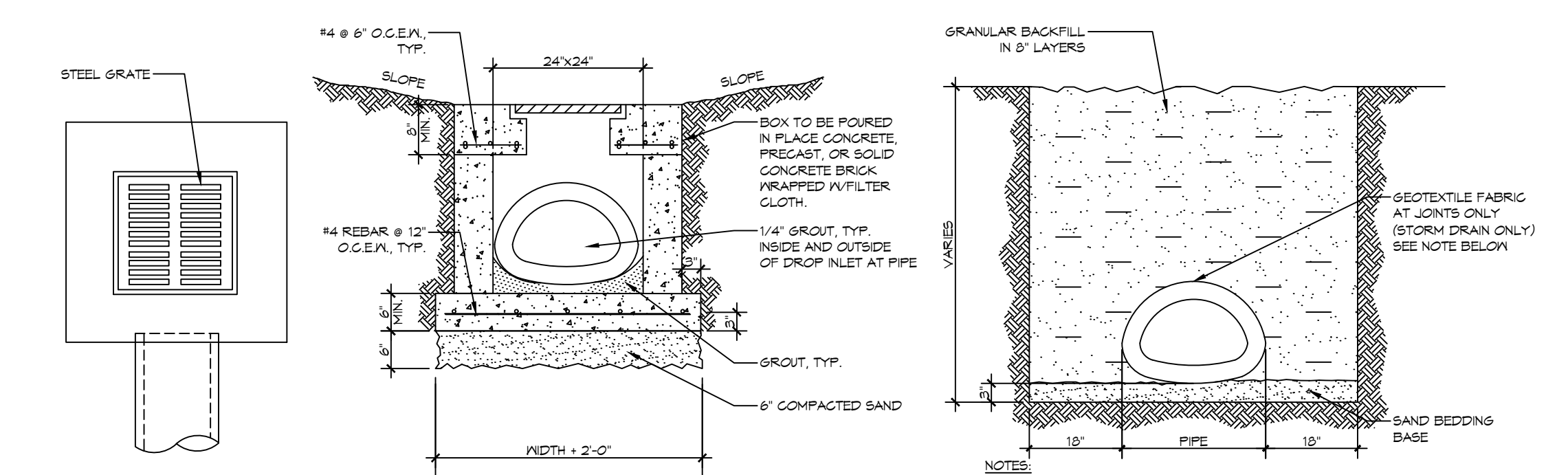
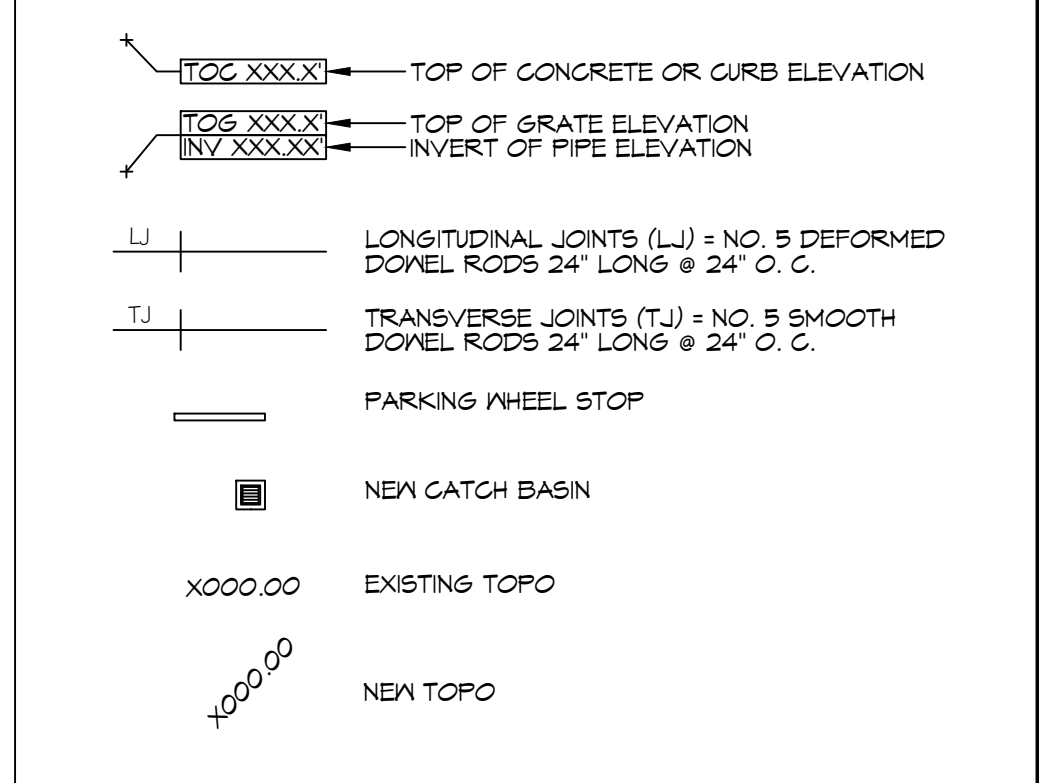
SHEET TITLE:
 SITE UTILITIES PLAN
 DRAWING NUMBER:
C102
 SHEET No: 4 of 20



GENERAL PAVING NOTES

- ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 6". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE 1.
- CONCRETE PAVING THICKNESS SHALL VARY AS FOLLOWS:
 - APRONS & LOADING AREAS = 8" THICKNESS (INDICATED WITH CROSS HATCH WHERE OCCURS)
 - DRIVE LANES & PARKING AREAS = 6" THICKNESS (STANDARD UNO)
- ALL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
- ALL REINFORCING STEEL SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT. ALL CONTROL AND EXPANSION JOINTS SHALL BE LOCATED AND INSTALLED AS SHOWN ON THE PAVING PLAN AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- ALL SUB GRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
- 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.

PAVING LEGEND



TYPICAL DROP INLET
SCALE: NTS

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#	DESCRIPTION	DATE



NEW AUDITORIUM
POPE JOHN PAUL HIGH SCHOOL

1901 JAGUAR DR
SLIDELL, LA 70461

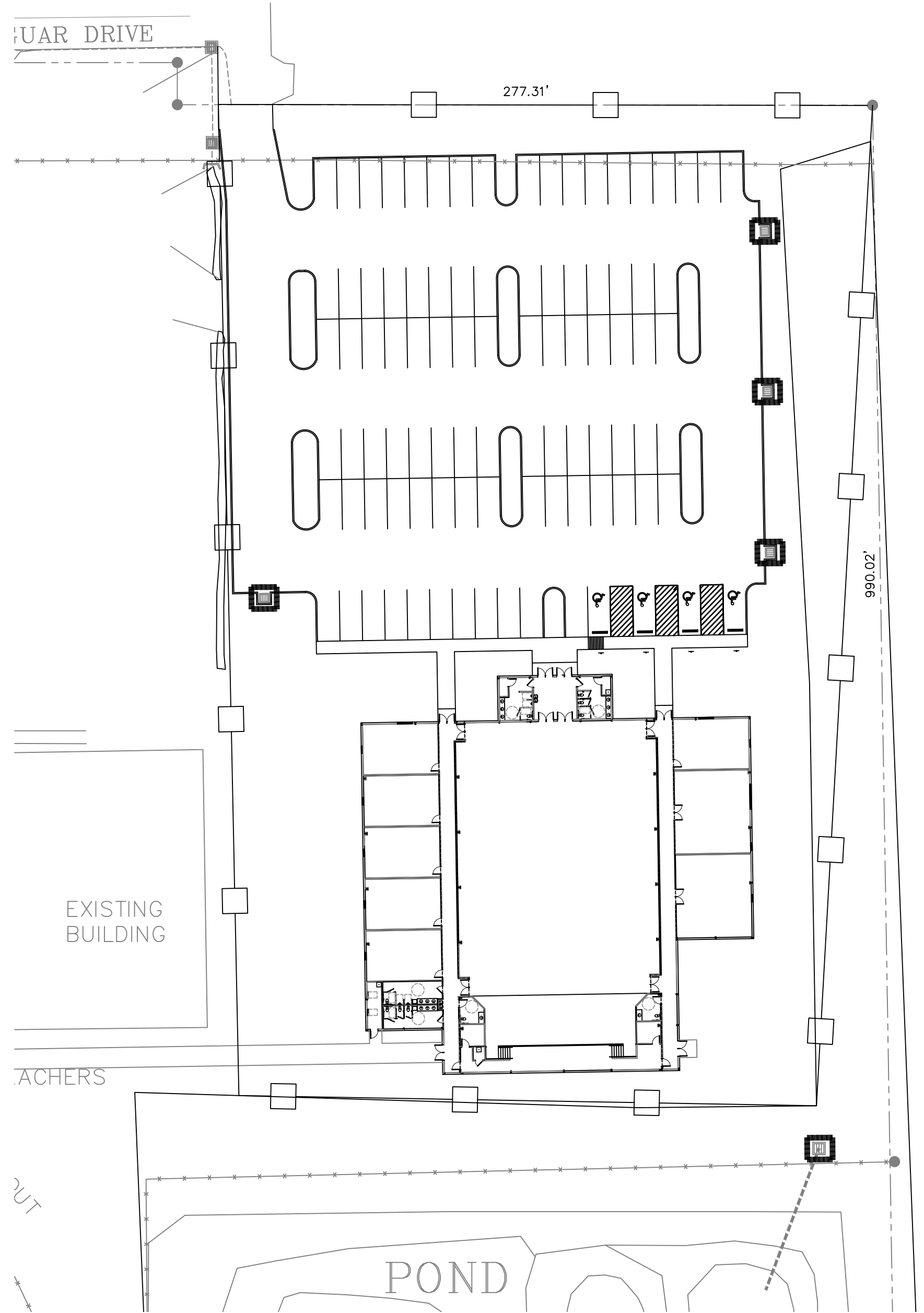
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DRAWN BY: C&D CHECKED BY: BAW

SHEET TITLE:
DRAINAGE PLAN

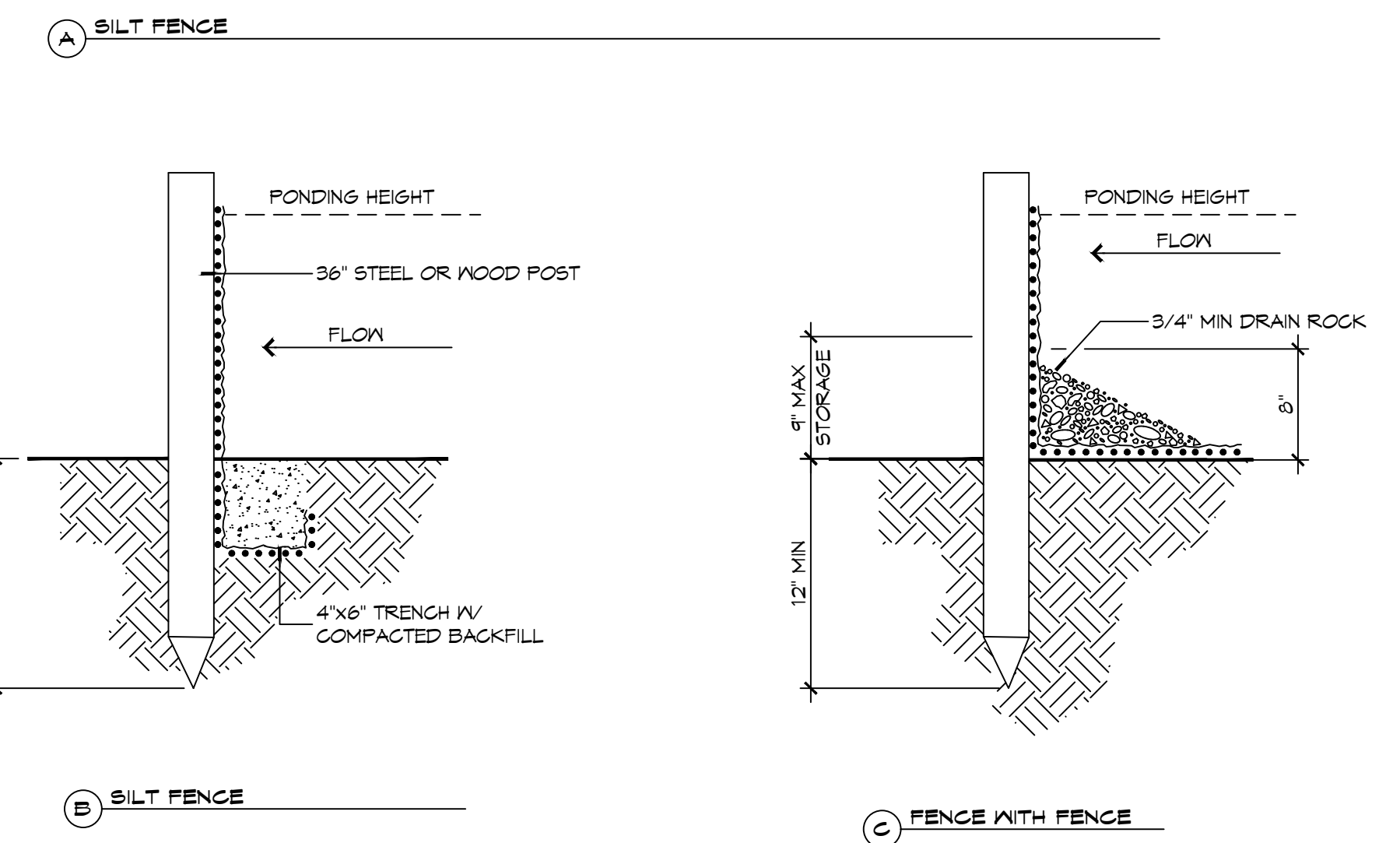
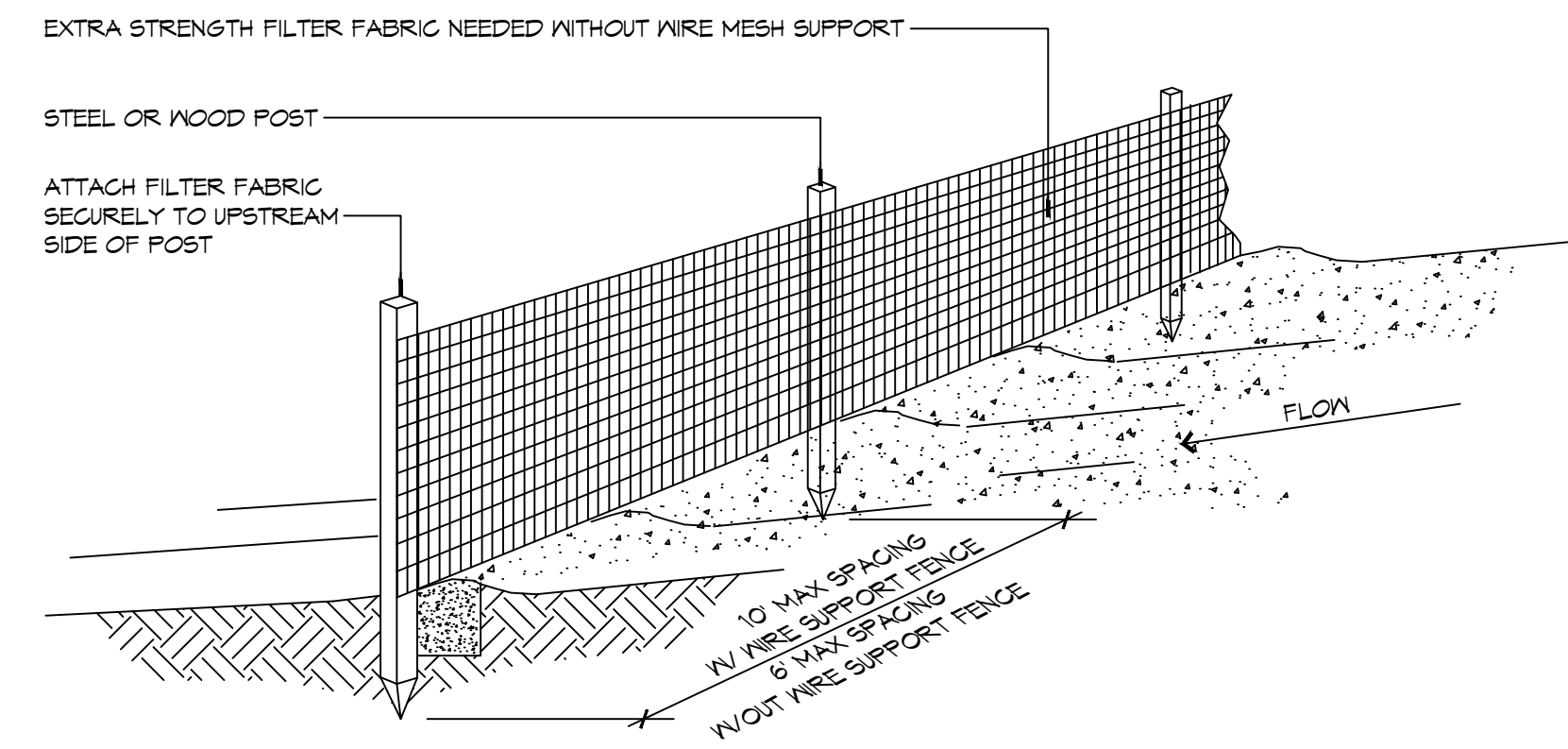
DRAWING NUMBER:
C103

SHEET No: 5 of 20

DATE: 04/10/2026
 USER: brian.mistich
 PROJECT: 2522 - Erosion Control Plan for C106
 DRAWING: C106 - Erosion Control Plan
 SCALE: 1" = 40'-0"
 SHEET: 1 of 2



EROSION CONTROL PLAN
SCALE: 1" = 40'-0"



DETAILS
SCALE: NTS
EROSION CONTROL FENCE AT PROPERTY LINE OR LIMITS OF CONSTRUCTION

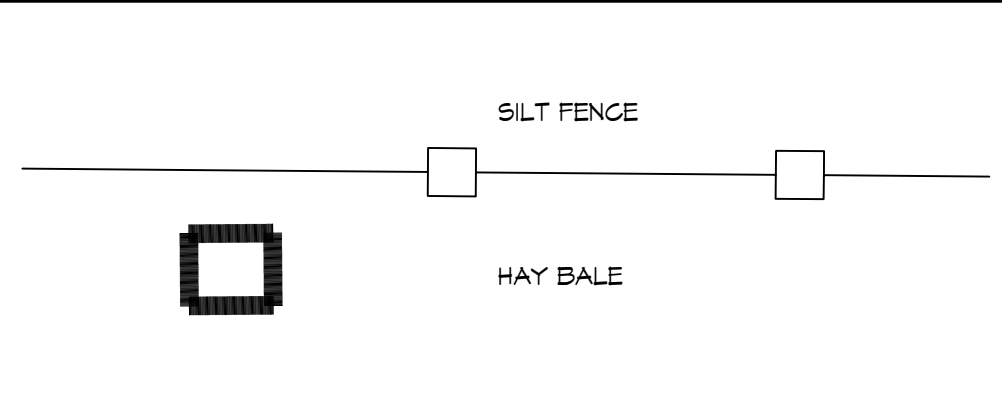
GENERAL EROSION CONTROL NOTES

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

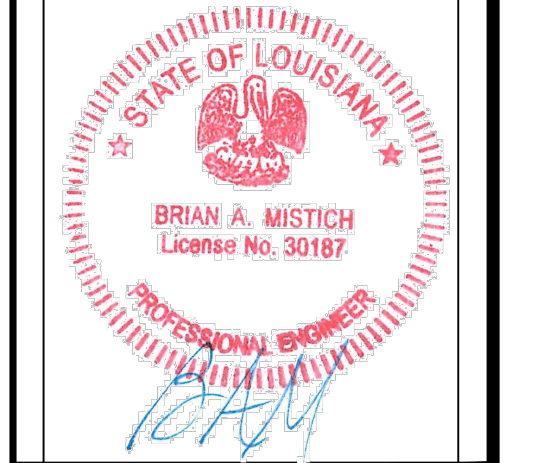
1. THE BASE OF BOTH END POSTS MUST BE AT LEAST 2'-4" ABOVE THE TOP OF THE SILT FENCE FABRIC ON THE MIDDLE POSTS FOR DITCH CHECKS TO DRAIN PROPERLY. USE A HAND LEVEL OR STRING LEVEL. IF NECESSARY, TO MARK BASE POINTS BEFORE INSTALLATION.
2. INSTALL POSTS 3 - 4 FEET APART IN CRITICAL WATER RETENTION AREAS 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



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#	DESCRIPTION	DATE

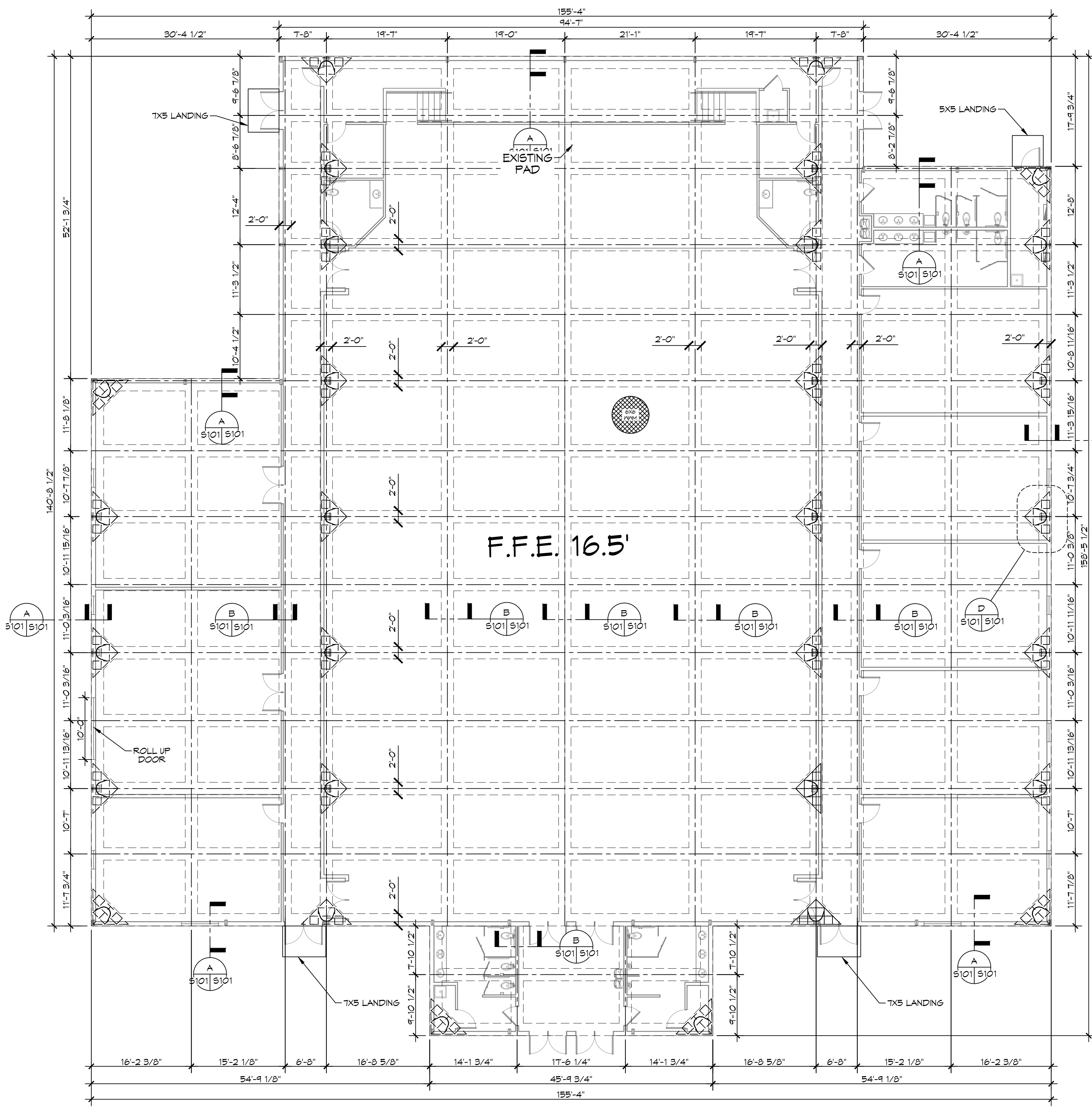


NEM AUDITORIUM
 HIGH SCHOOL
 PAUL I
 JOB No: 2522
 DATE: 04-10-2026
 DRAWN BY: CKD
 CHECKED BY: BAK

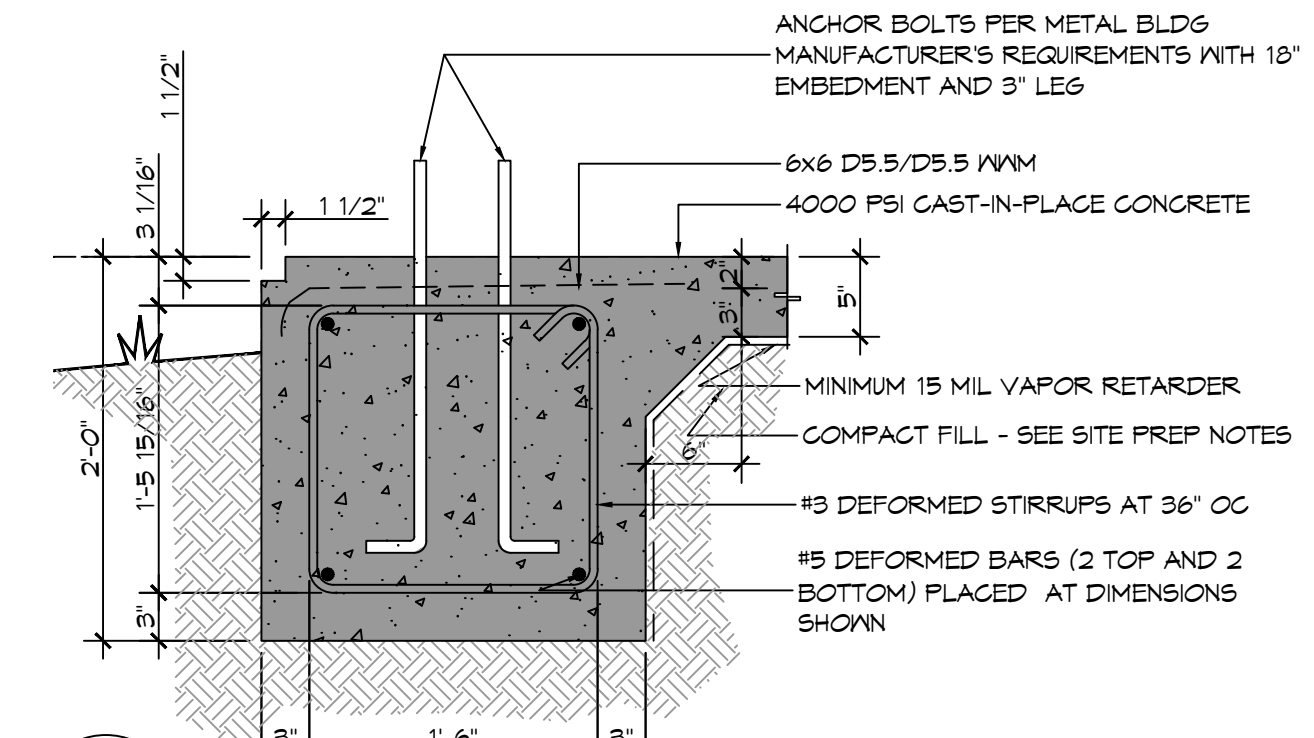
SHEET TITLE:
EROSION CONTROL AND DETAILS

DRAWING NUMBER:
C106

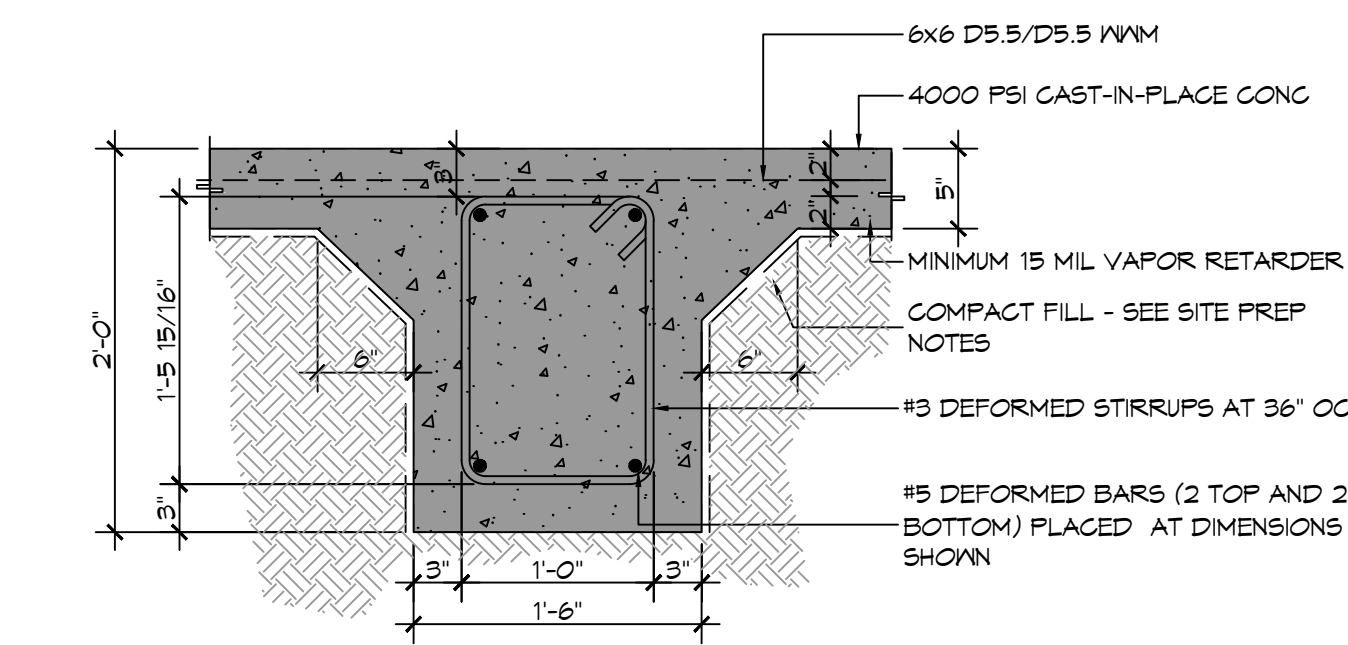
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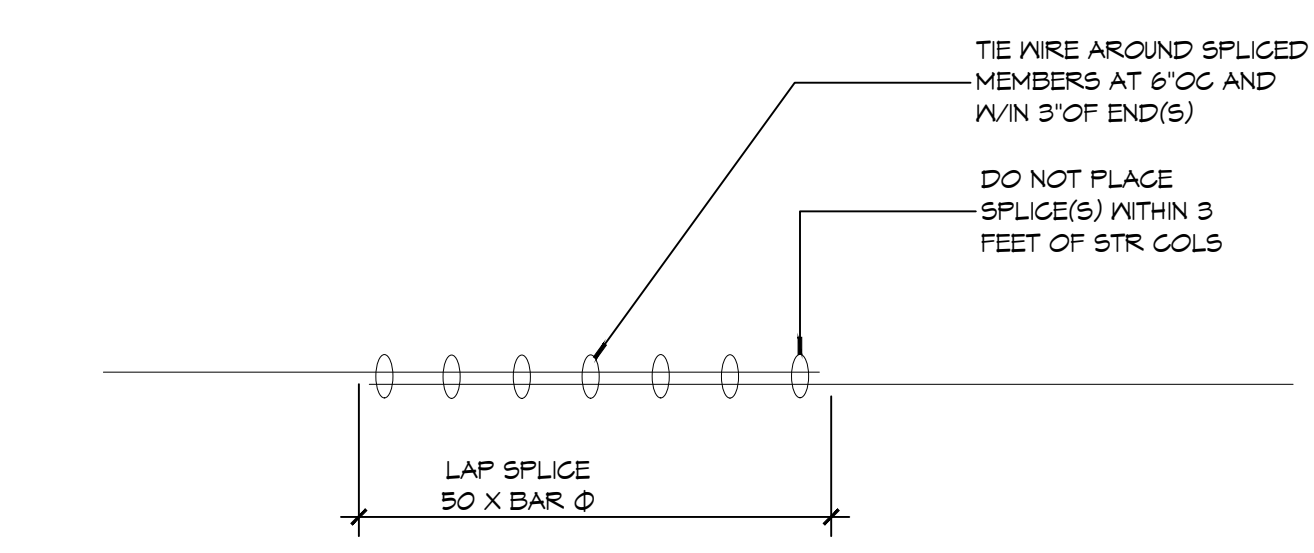
FOUNDATION PLAN
SCALE: 3/32" = 1'-0"



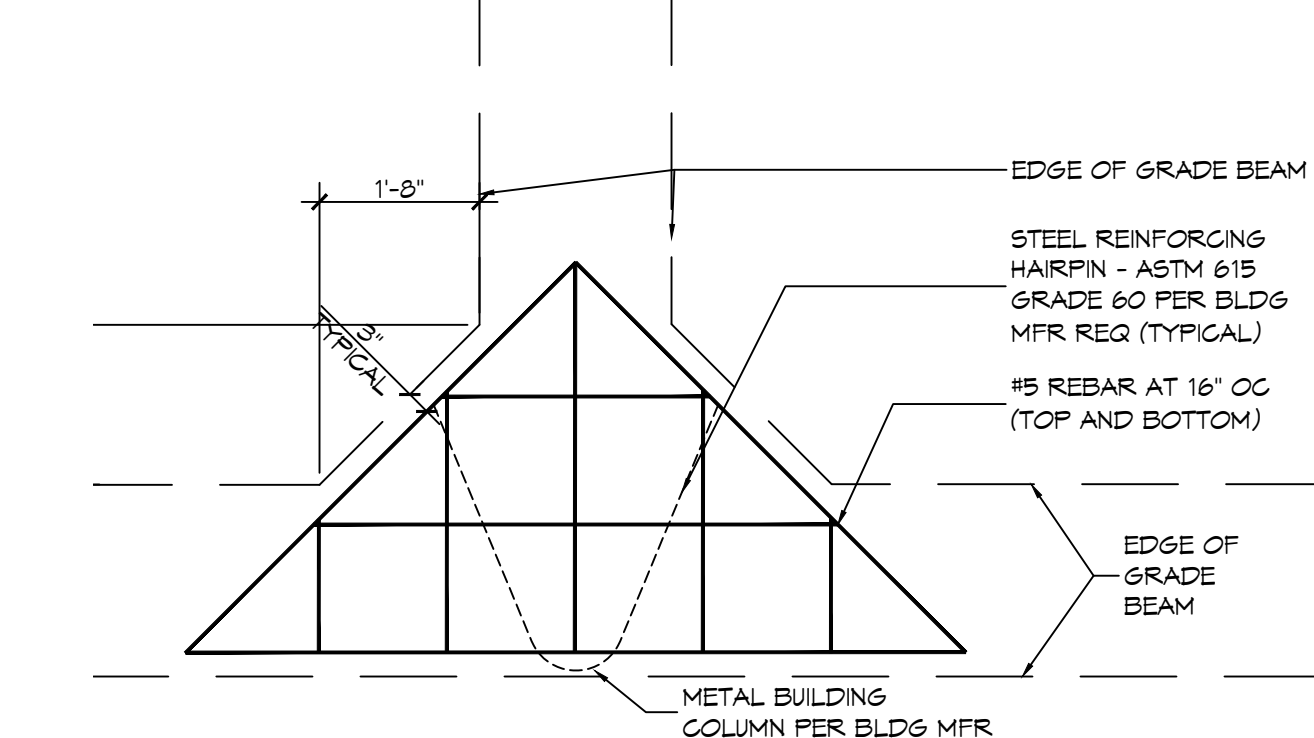
SECTION A
SCALE: 1" = 1'-0"



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



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



DETAIL D
SCALE: 1/2" = 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 ACI-318.
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-SHELD-E 15 MIL BY EPRO 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 PRIOR TO 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 TO 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.

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#	DESCRIPTION	DATE



NO.	DATE	BY	CHECKED BY
1	04-10-2026	BAW	

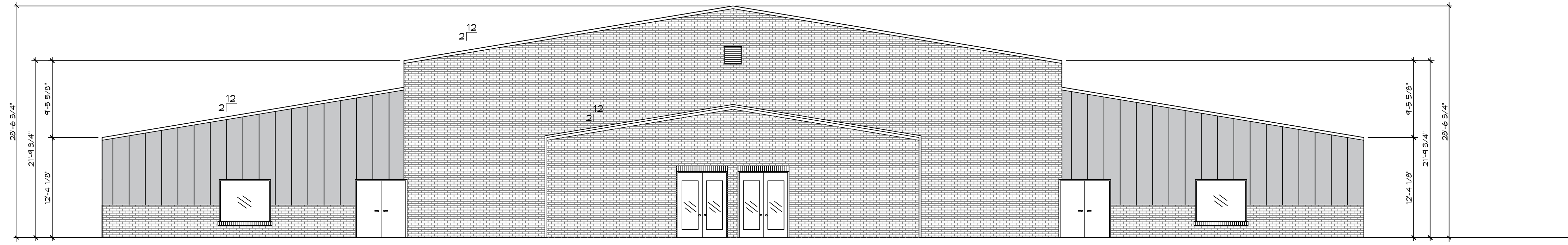
NEW AUDITORIUM
 PROPE JOHNSON
 HIGH SCHOOL

1901 JAGUAR DR
 SLIDELL, LA 70461
 JOB No: 2522 DATE: 04-10-2026
 DRAWN BY: BAW CHECKED BY: BAW

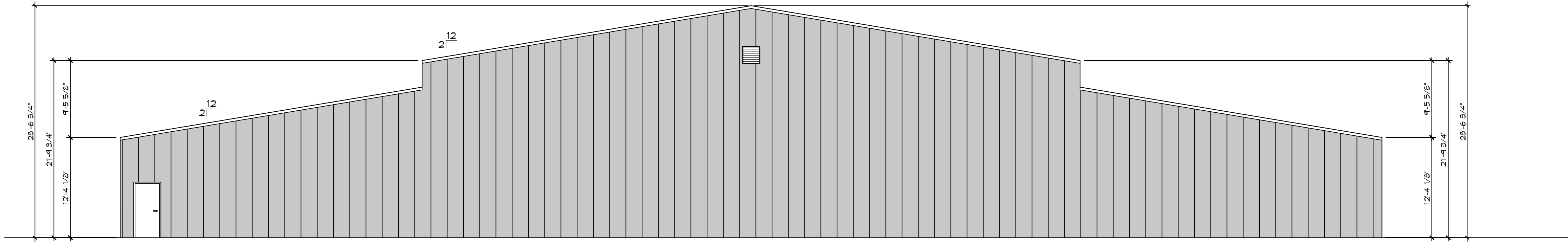
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 FOUNDATION PLAN

DRAWING NUMBER:
S101

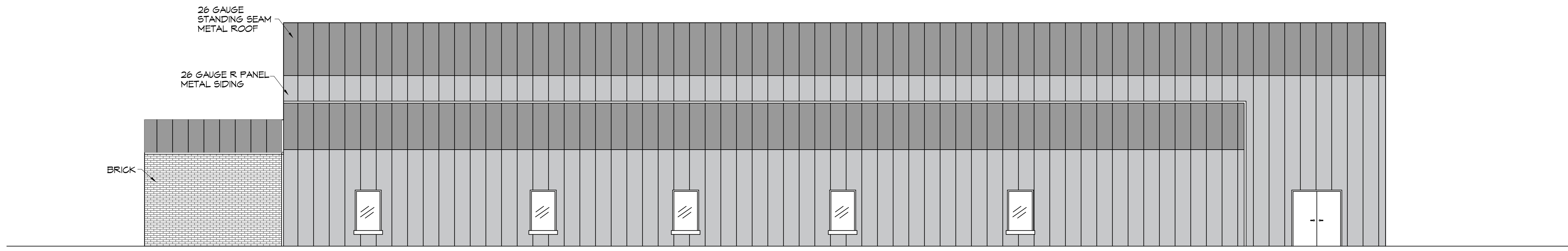
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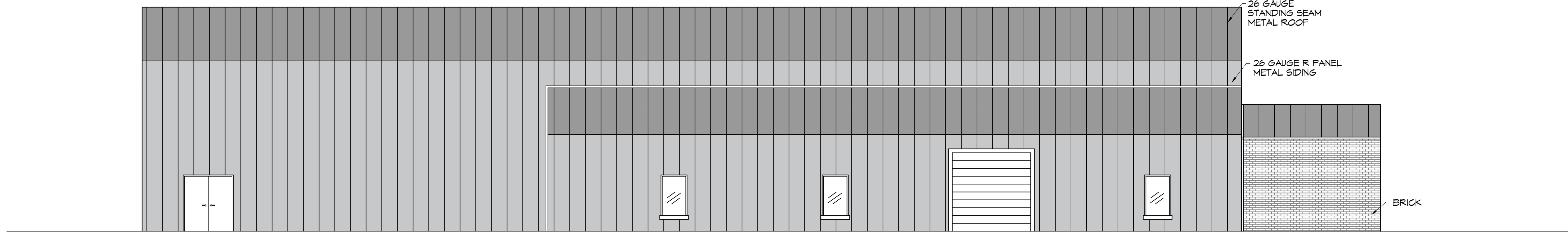
13 LEFT ELEVATION
SCALE: 1/8"=1'-0"



14 RIGHT ELEVATION
SCALE: 1/8"=1'-0"



15 FRONT ELEVATION
SCALE: 1/8"=1'-0"



16 REAR ELEVATION
SCALE: 1/8"=1'-0"

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Slidell, LA 70588

#	DESCRIPTION	DATE



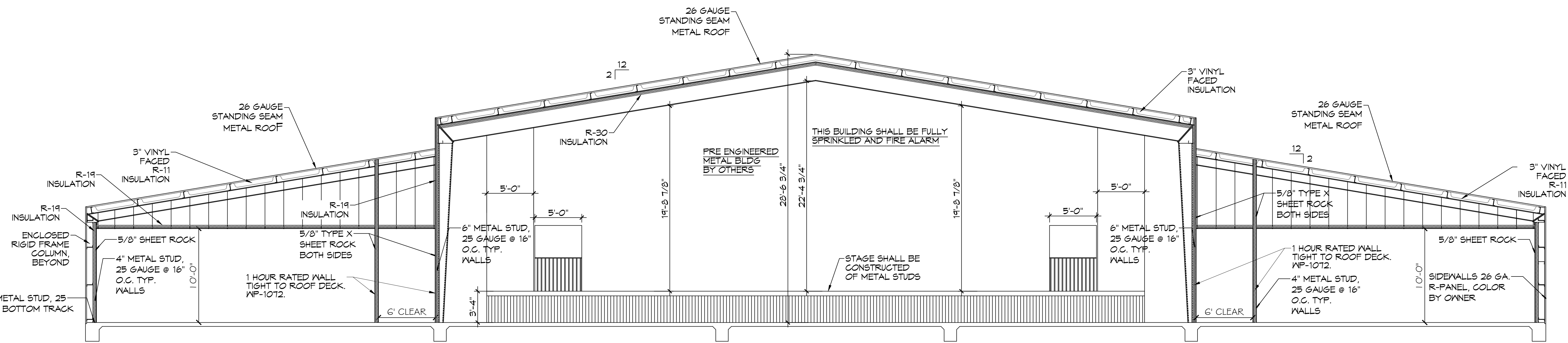
N E M A U D I T O R I U M
 P O P E J O H N P A U L
 H I G H S C H O O L
 1501 LAJOURDES
 SLIDELL, LA 70561
 JOB No: 2522
 DATE: 04-10-2026
 DRAWN BY: CKD
 CHECKED BY: JMS

SHEET TITLE:
BLDG ELEVATIONS

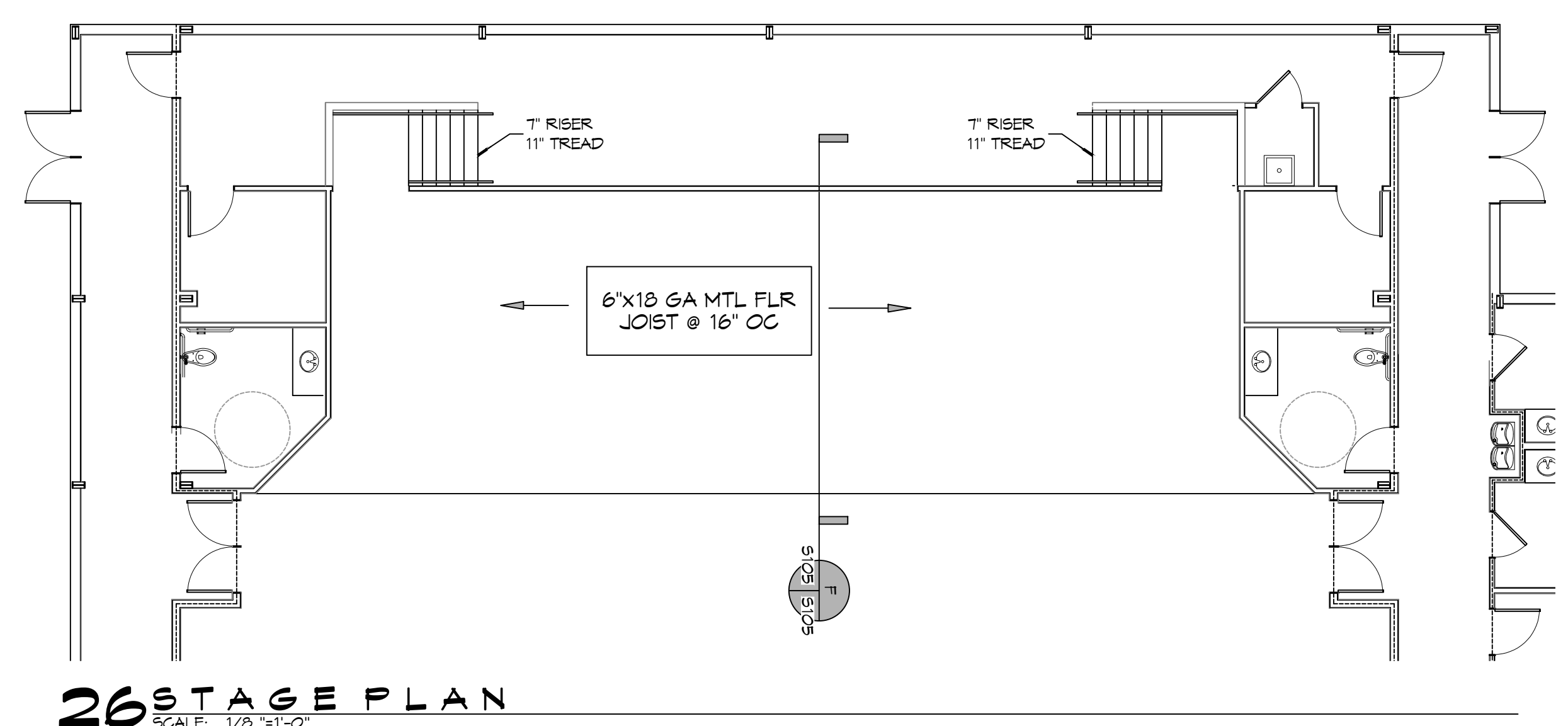
DRAWING NUMBER:
A103
SHEET No: 12 of 20

DESIGN
EXCEPTION

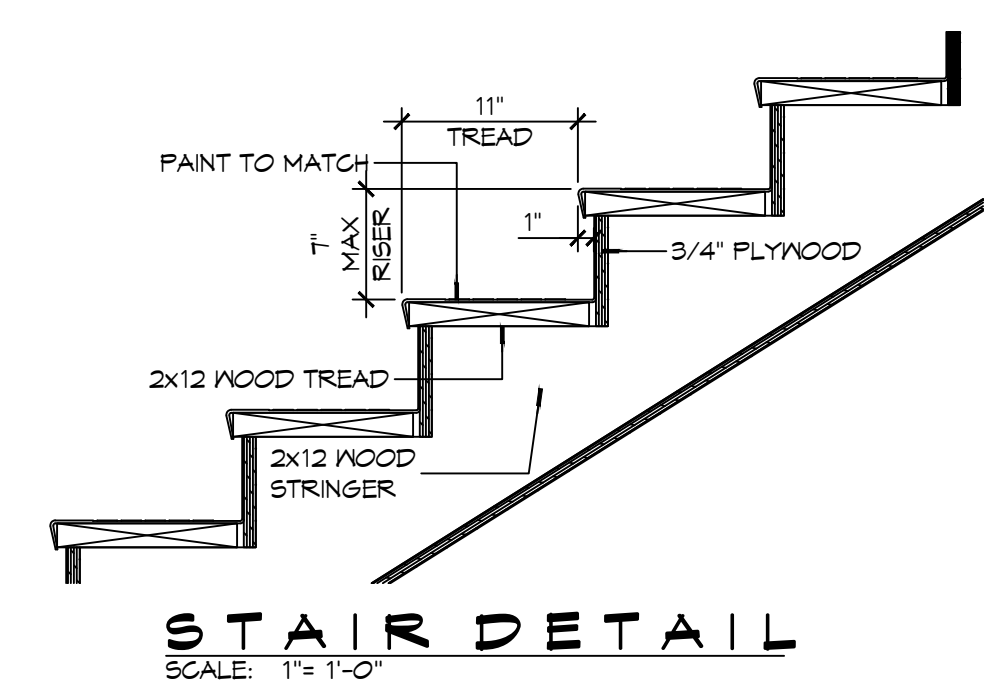
DATE: 04-10-2026
 DRAWN BY: BANI
 CHECKED BY: CSD
 PROJECT: 2522
 SHEET: A105



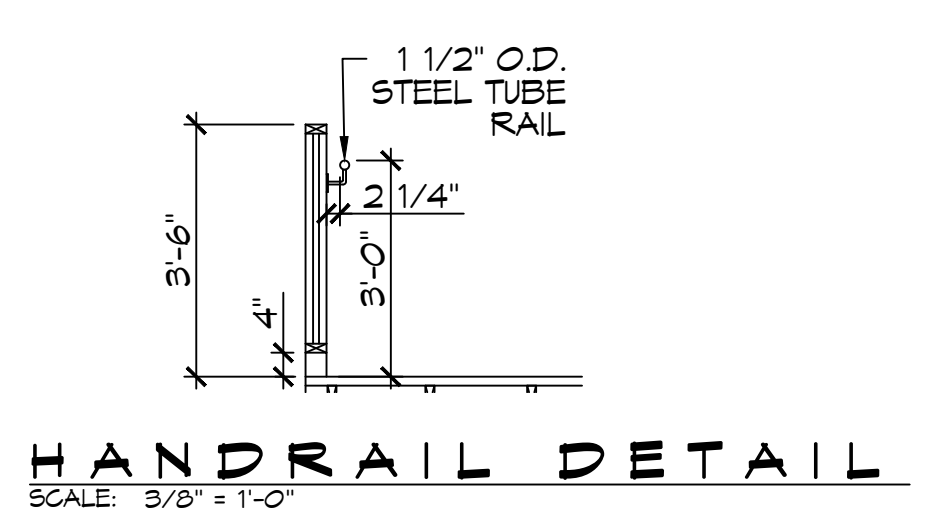
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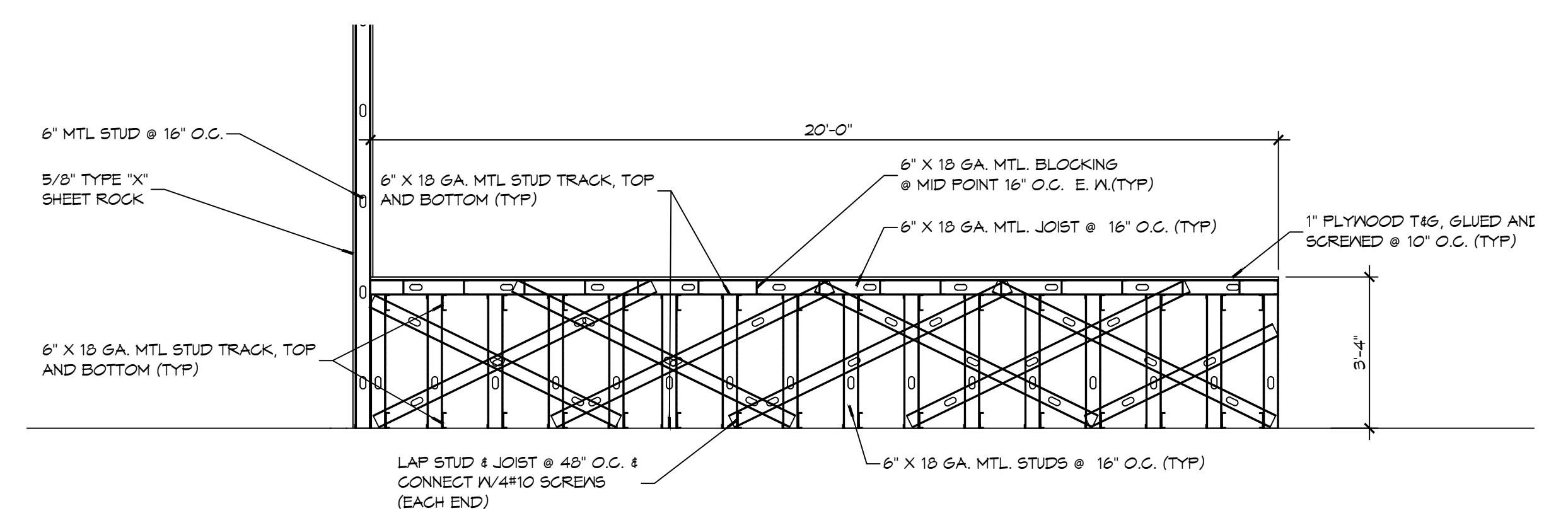
26 STAGE PLAN
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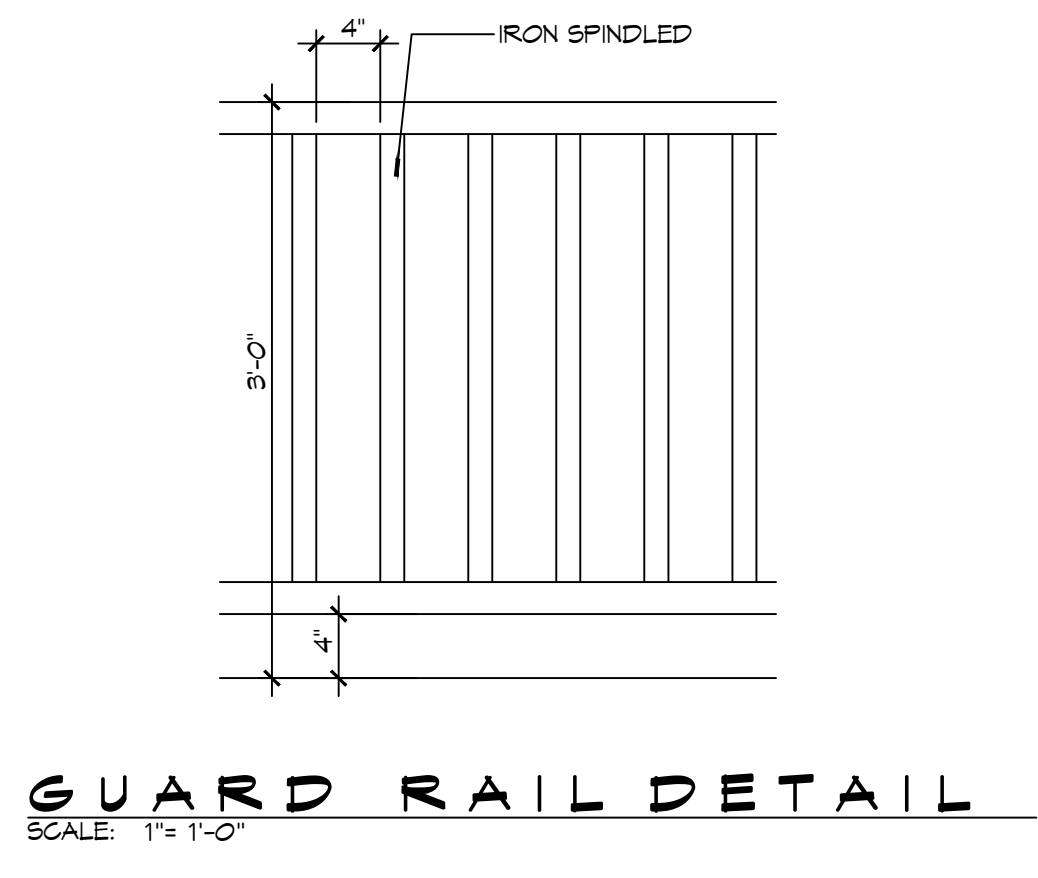
STAIR DETAIL
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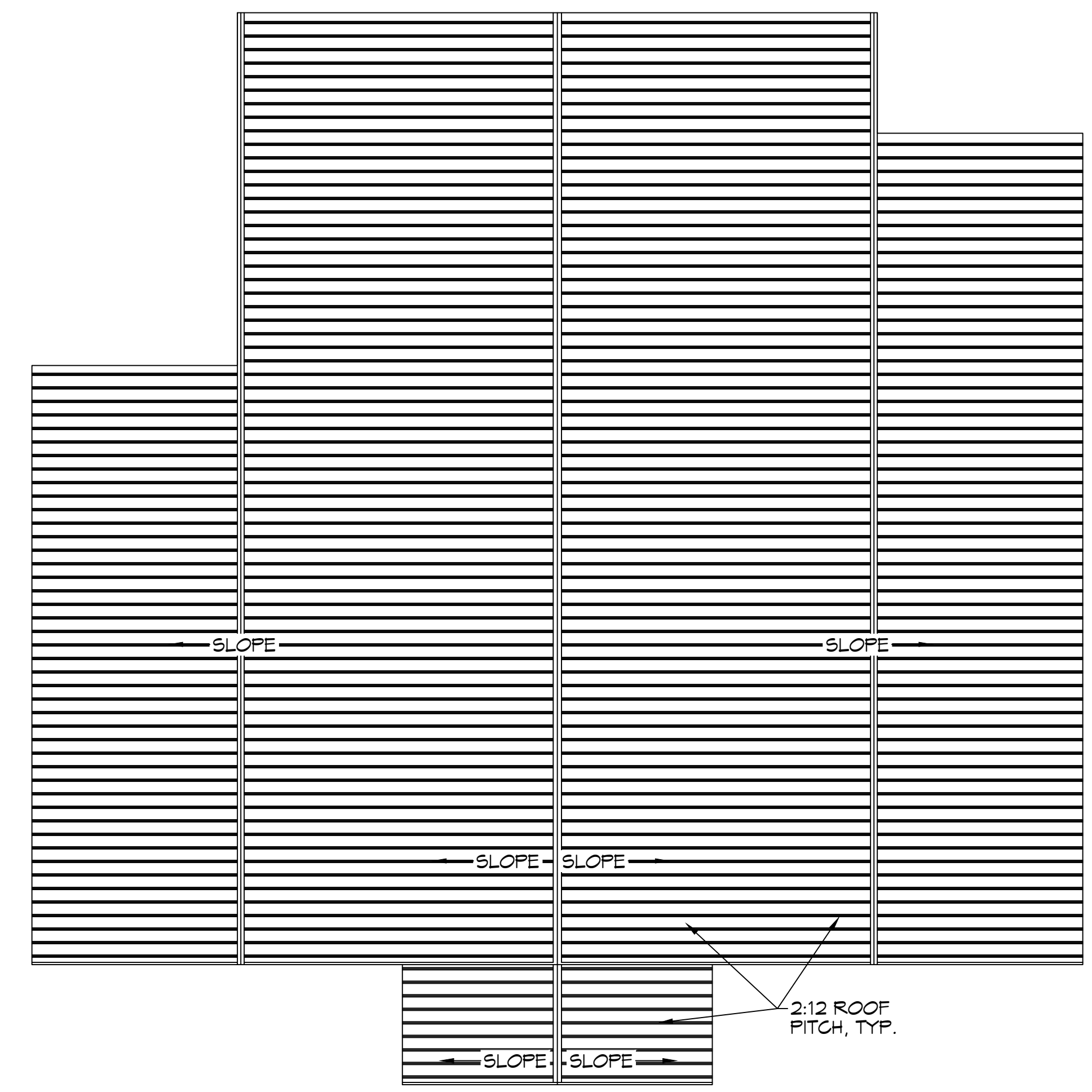
HANDRAIL DETAIL
 SCALE: 3/8" = 1'-0"



F STAGE SECTION
 SCALE: 3/8" = 1'-0"



GUARD RAIL DETAIL
 SCALE: 1" = 1'-0"



27 ROOF PLAN
 SCALE: 1/16" = 1'-0"

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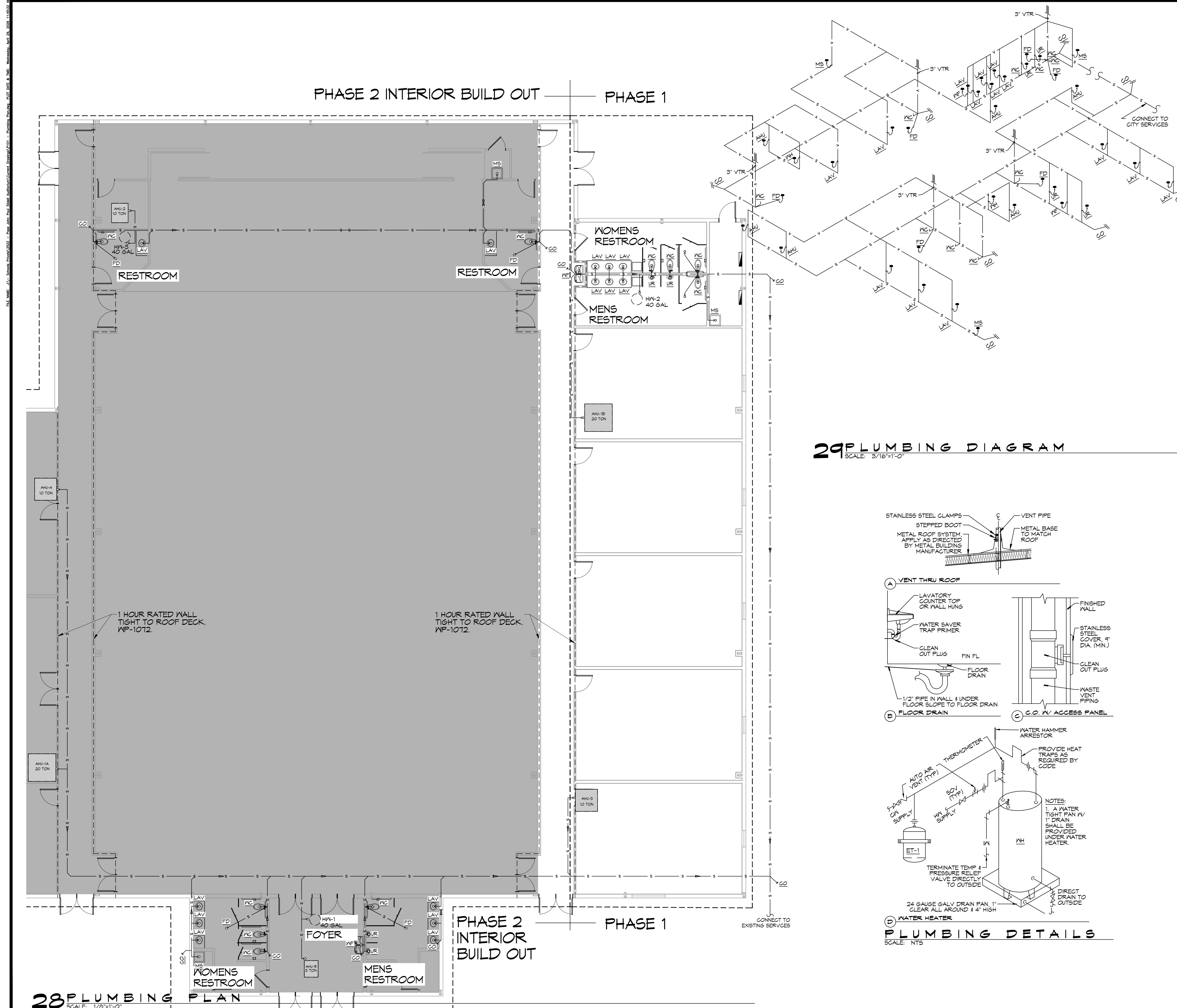
#	REVISIONS	DATE	DESCRIPTION



NEW ORLEANS
 HIGH SCHOOL
 ROPE JOHNSON
 ADDITION
 PROJECT
 SHEET TITLE:
 BUILDING SECTION
 DRAWING NUMBER:
 SHEET No: 14 of 20

A105

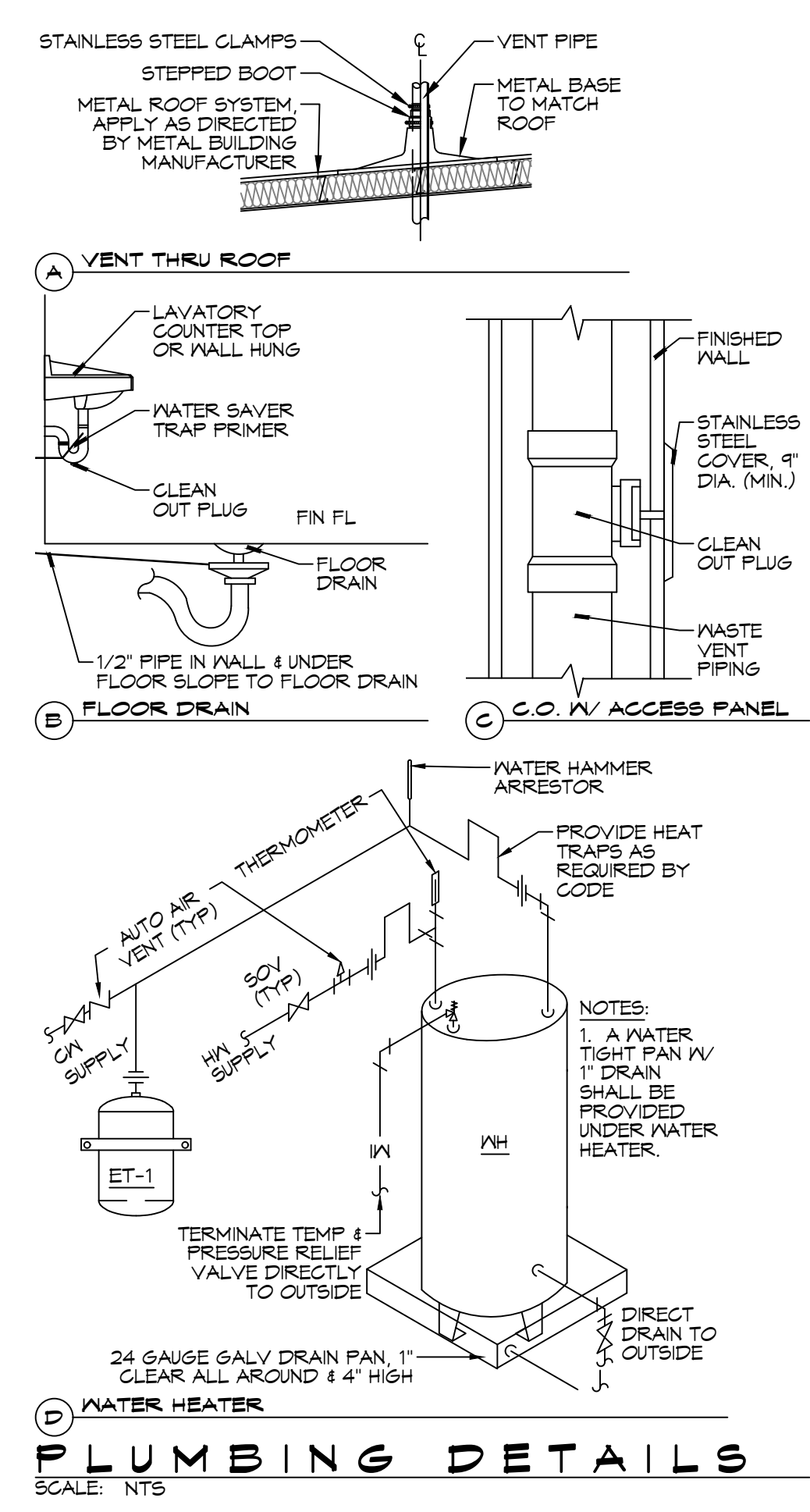
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GENERAL PLUMBING NOTES

1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
2. 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.
3. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
4. 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.
5. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
6. 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.
7. TEST ALL PIPING AT REQUIRED PRESSURE.
8. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
9. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
10. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
11. 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.
12. 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 B32, ALLOY GRADE 95A (95-5) SOLDER.
13. 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.
14. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
15. 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.)
16. SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
17. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

29 PLUMBING DIAGRAM
SCALE: 3/16"=1'-0"



PLUMBING DETAILS
SCALE: NTS

PLUMBING FIXTURE SCHEDULE

MK	DES.	TYPE	ROUGH - IN - SIZE				NOTE
			WASTE	VENT	COLD	HOT	
WC	WATER CLOSET	VALVE	3"	3"	1-1/2"	-	3
UR	URINAL	VALVE	3"	2"	3/4"	-	3
LAV	LAVATORY	WALL HUNG	2"	2"	3/4"	3/4"	1,2,3
FD	FLOOR DRAIN	-	3"	2"	-	-	4
MS	MOP SINK	-	3"	2"	3/4"	3/4"	-
2CS	TWO COMP SINK	-	2"	2"	2-1/2"	2"	3
HB	HOSE BIB	VALVE	-	-	3/4"	-	-
WH	WATER HEATER	-	3/4"	2"	3/4"	3/4"	-
AHU	HANDLER DRAIN	-	3/4"	2"	-	-	-

- NOTES:
1. INSULATE PIPING FOR HANDICAP FIXTURES.
 2. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURES.
 3. H.C. - HANDICAP FIXTURE
 4. INSTALL CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.
 5. FIXTURES SELECTED BY OWNER.

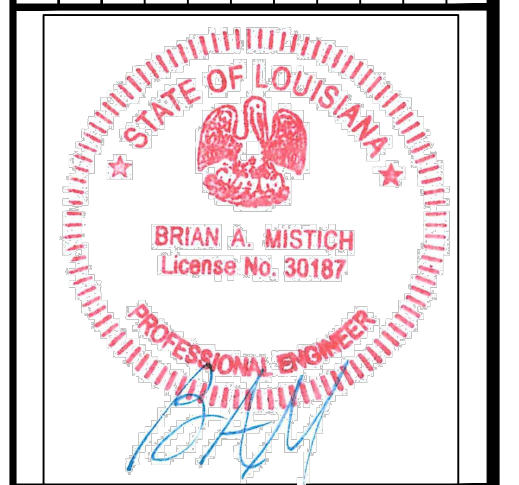
LEGEND

CO - CLEAN OUT	v - VENTILATION
VTR - VENT THRU ROOF	s - SEWAGE

ALL PLUMBING LINES ARE DRAWN DIAGRAMMATICALLY FOR CLARITY.

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#	DESCRIPTION	DATE

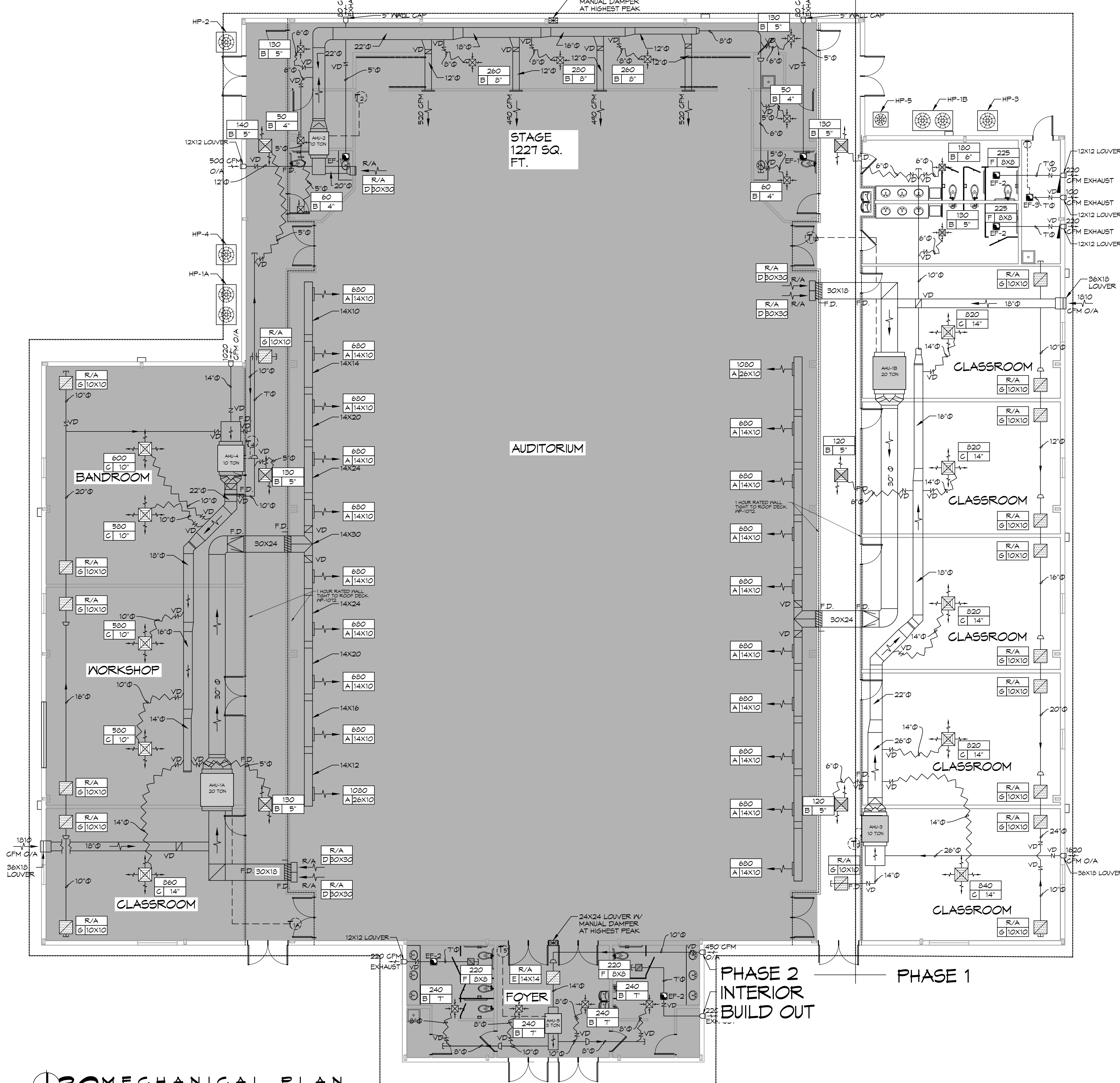


N E M A U D I T O R I U M
 P H I P E J O H N P A U L
 H I G H S C H O O L
 1501 JAGUAR DRIVE
 SLIDELL, LA 70661
 JOB No: 2822 DATE: 04-10-2026
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:
 PLUMBING PLAN
 DRAWING NUMBER:
P101
 SHEET No: 15 of 20

DATE: 04-23-2024
PROJECT: NEW ACADEMIC BUILDING
SHEET: M101

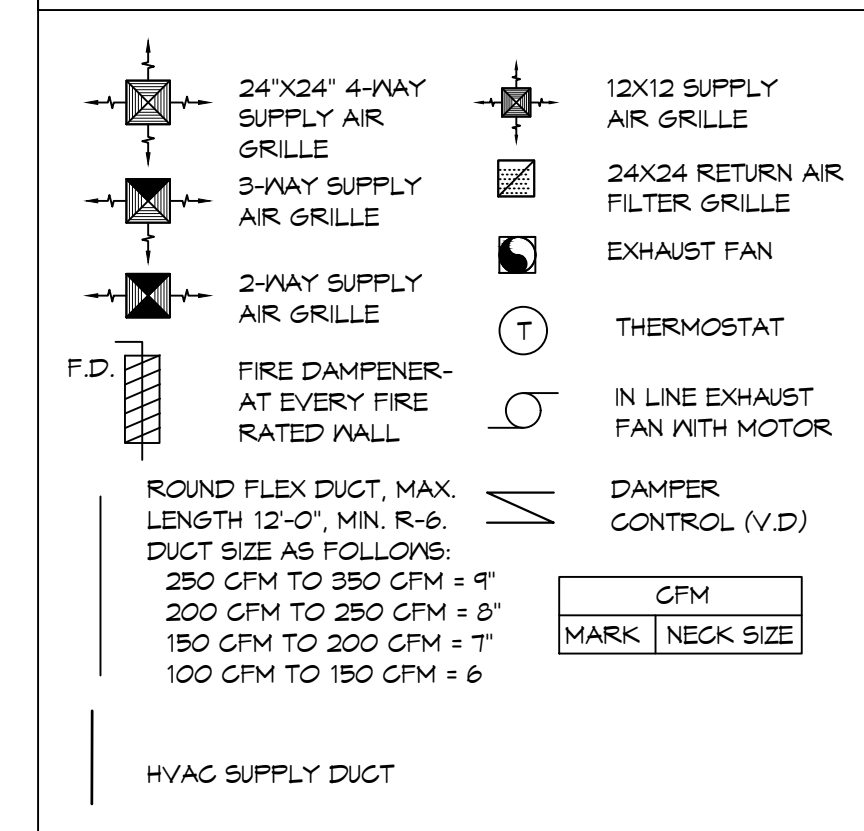
PHASE 2 INTERIOR BUILD OUT — PHASE 1



GENERAL HVAC NOTES

- CONGEALED DUCTWORK TO BE GALVANIZED SHEET METAL WRAPPED WITH FIBROUS GLASS DUCT WRAP WITH FSK VAPOR BARRIER, MIN R-8. INSTALLED PER SMACNA 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-8. INSTALLED PER SMACNA STANDARDS.
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- PROVIDE UL LISTED 125°F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
- PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES AND EXHAUST FANS.
- CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
- ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
- EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
- PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
- LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
- REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E8-14.
- ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
- FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0". SUPPORT FLEX DUCT TO PREVENT SAGGING.
- REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
- FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
- PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AHJ'S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
- FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
- COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
- SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
- PROVIDE MIN 18 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.

MECHANICAL LEGEND



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Slidell, LA 70688

#	REVISIONS	DATE

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

NEW AUDITORIUM
POPE JOHN PAUL HIGH SCHOOL

1501 JAGUAR DR.
SLIDELL, LA 70661

JOB No: 2522 DATE: 04-10-2026
DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:
MECHANICAL PLAN

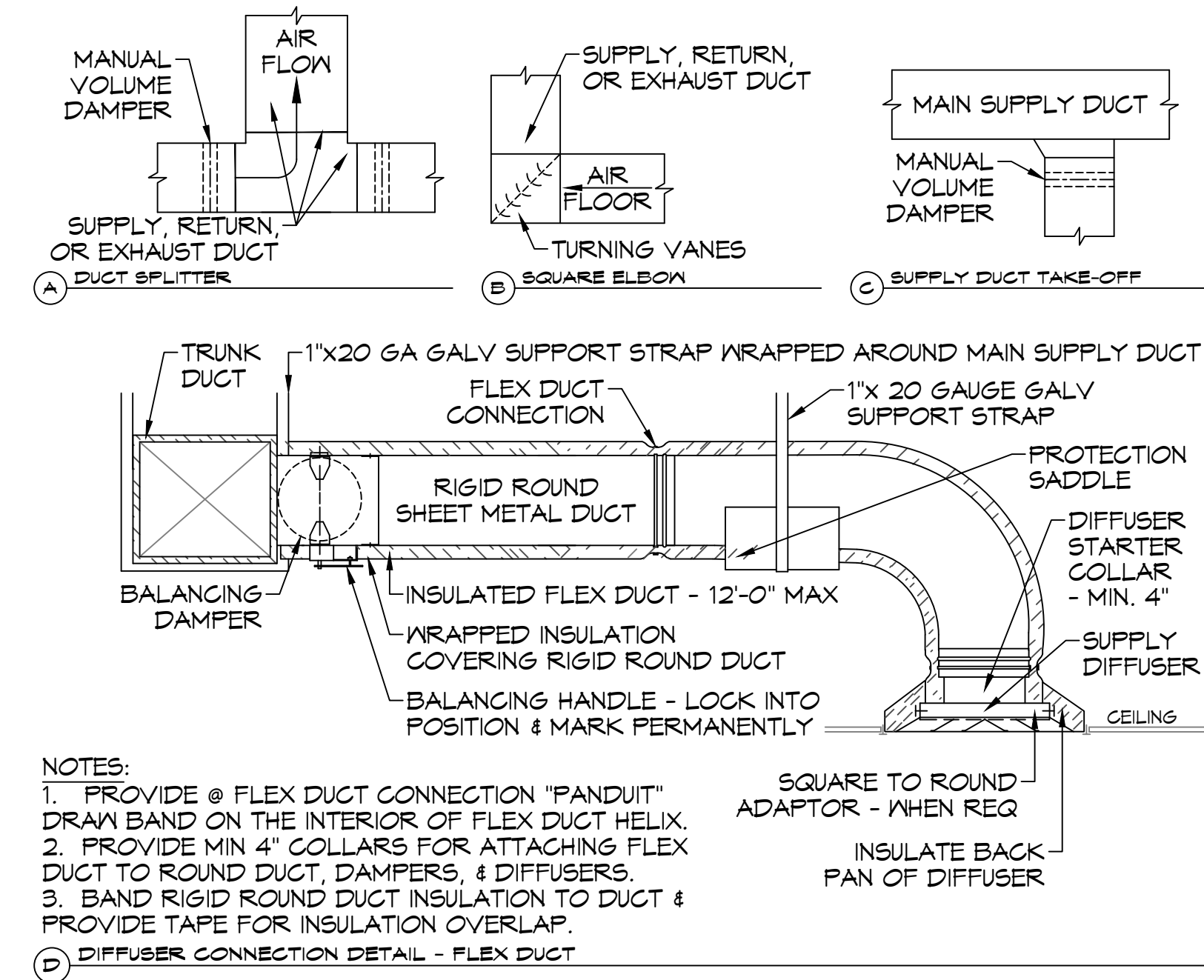
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M101

SHEET No: 16 of 20

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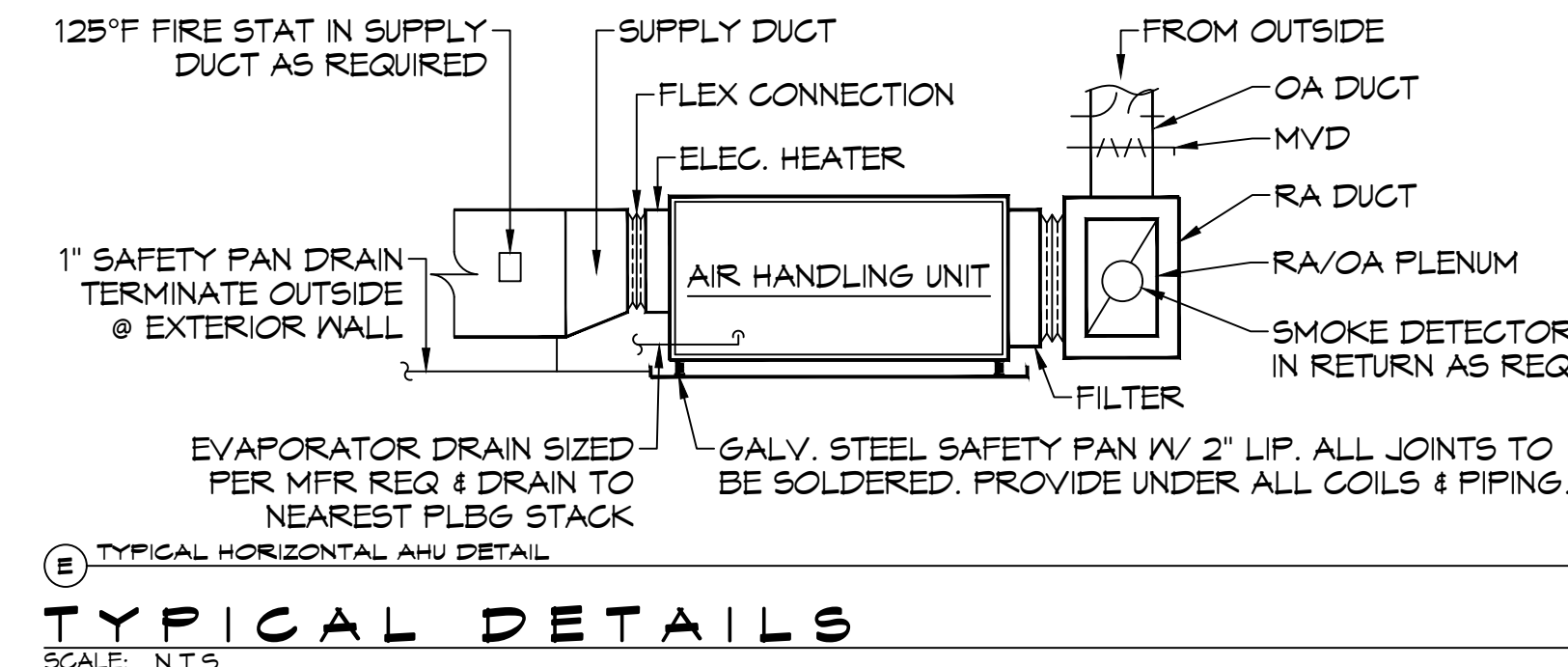
Exhaust Fan Schedule								
Tag	Fan			Power			Make / Model	Remarks
	Airflow (CFM)	TSP (" wc)	Amps	Volts	Phase	Hz		
EF-1	80	0.2	0.4	120	1	60	Broan A80	2
EF-2	225	0.5	2.0	120	1	60	Cook GC-188	2
EF-3	100	0.2	0.4	120	1	60	Broan A8110	1

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



DIFFUSER SCHEDULE			
TAG	SERVICE	NECK SIZE	DESCRIPTION
A	Supply Air	Ref. Plan	Louvered Register, Double Deflection, Steel Damper, Price 620D
B	Supply Air	Ref. Plan	12"x 12" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel
C	Supply Air	Ref. Plan	24"x24" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel
D	Return Air	Ref. Plan	Filter Return, Price 90-FH w/ 2" Filter Media
E	Return Air	Ref. Plan	16" x 16" Perforated Ceiling Return Grille, Price PDR
F	Exhaust	Ref. Plan	10" x 10" Eggcrate Exhaust Grille, Price Series 80
G	Return Air	Ref. Plan	12"x 12" Perforated Ceiling Return Grille, Price PDR

- 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



DX SPLIT SYSTEM SCHEDULE																				
AIR HANDLER													HEAT PUMP							
TAG	Make	Model	NOMINAL TONS	TOTAL CFM	O/A (CFM)	COOLING		Motor HP	ESP (" WC)	AUX. HEAT (Kw)	POWER			TAG	Make	Model	POWER			REMARKS
						TMBH	SBH				VAC	PH	MCA				VAC	PH	MCA	
AHU-1A	Trane	TWE240K4B	20	7200	1810	223.1	137.1	5	0.5	19.9	460	3	39	HP-1A	Trane	TWA240K4D	460	3	46	1, 2, 3
AHU-1B	Trane	TWA240K4D	20	7200	1810	223.1	137.1	5	0.5	19.9	460	3	39	HP-1B	Trane	TWA240K4D	460	3	46	1, 2, 3
AHU-2	Trane	TWE120K4B	10	3300	500	106.5	64.7	2	0.4	9.9	460	3	20	HP-2	Trane	TWA120K4D	460	3	21	1, 2, 3
AHU-3	Trane	TWE120K4B	10	4800	1620	146.7	85.7	2	0.4	14.9	460	3	27	HP-3	Trane	TWA120K4D	460	3	21	1, 2, 3
AHU-4	Trane	TWE120K4B	10	3600	1020	108.1	68.0	2	0.4	14.9	460	3	27	HP-4	Trane	TWA120K4D	460	3	21	1, 2, 3
AHU-5	Trane	TEM8C0C36	3	960	450	36.5	20.7	1/2	0.3	5.7	208	1	39	HP-5	Trane	4TWV8036	208	1	25	1, 2, 3

NOTES:
 1. Provide dual circuits/compressors, smoke detectors, barometric relief, inlet filter box, single point power connection, condensate overflow switch & programmable 7/24 thermostat.
 2. Cooling capacities to be rated in accordance with AHRI standard 210/290 for ASHRAE standard design weather conditions in New Orleans, LA.
 3. Install units in accordance with manufacturer's recommendations.

31 MECHANICAL SCHEDULES
 SCALE: N.T.S.

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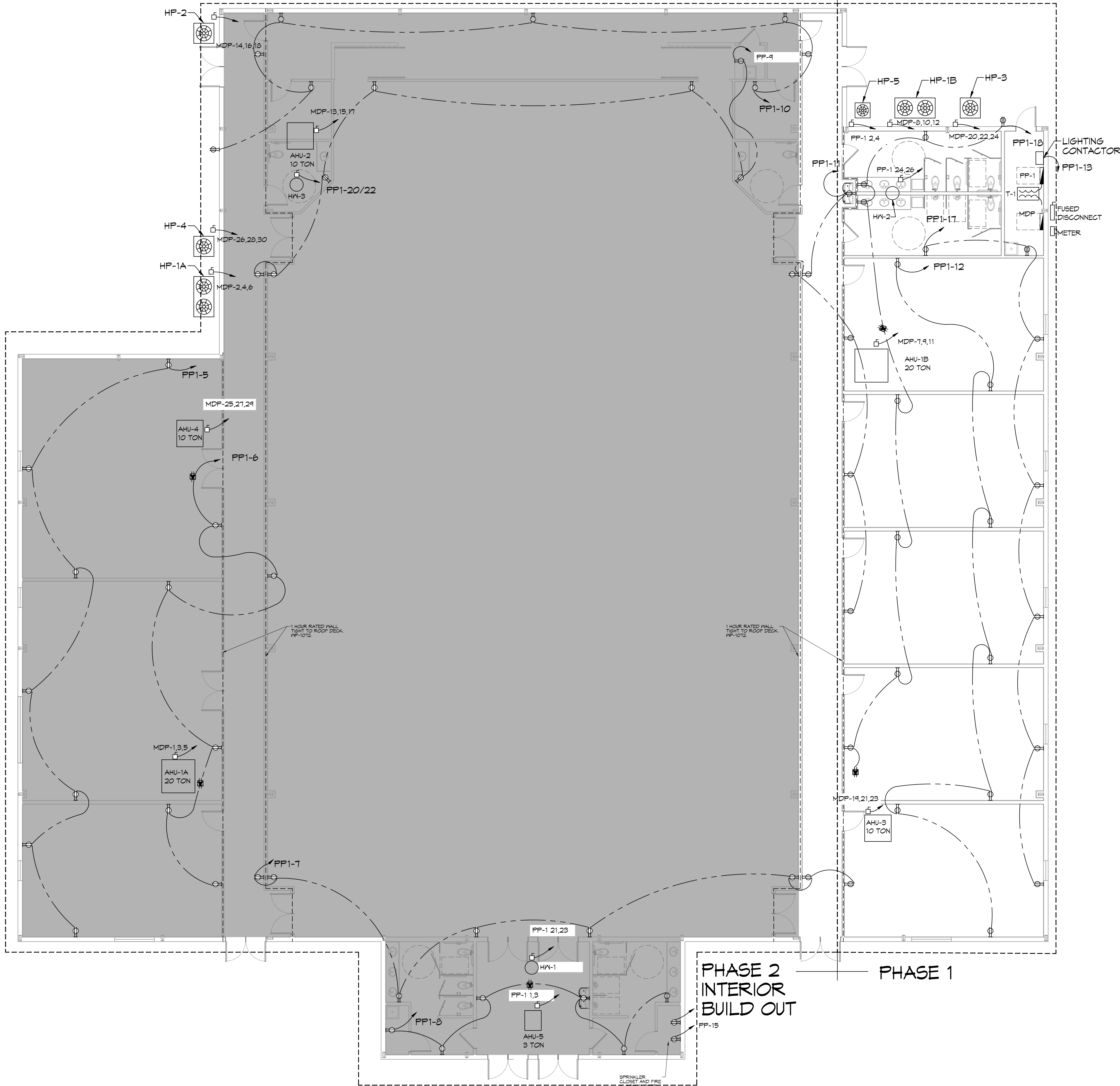
REVISIONS	DATE
#	DESCRIPTION



NEW ORLEANS AUDITORIUM
 POPE JOHN SCHOOL
 1501 JAGUAR DRIVE
 SLIDELL, LA 70461
 JOB No: 2522 DATE: 04-10-2026
 DRAWN BY: BAK CHECKED BY: CKD

SHEET TITLE:
 MECHANICAL SCHEDULES
 DRAWING NUMBER:
M102
 SHEET No: 17 of 20

PHASE 2 INTERIOR BUILD OUT PHASE 1



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

GENERAL POWER NOTES

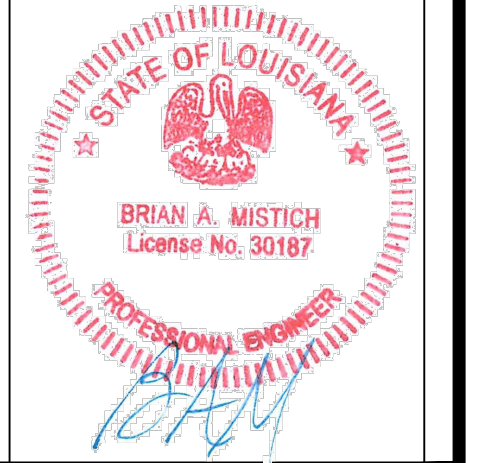
1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTABLES 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. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
9. 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.
10. 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.
11. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY; IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED; EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES.
12. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
13. INSTALL GROUND FAULT RECEPTABLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTABLES SHALL ALSO BE WATERPROOF.
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 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.

LEGEND

DUPLEX RECEPTACLE - 20A 115V	ATTIC DUPLEX RECEPTACLE MOUNTED ABOVE DECK - 20A
GFI DUPLEX RECEPTACLE - 20A	DISCONNECT
WEATHER PROOF GFI DUPLEX RECEPTACLE - 20A	TELEPHONE/DATA RECEPTACLE
FLOOR MOUNTED DUPLEX RECEPTACLE - 20A	HOME RUN

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#	DESCRIPTION	DATE



NEW AUDITORIUM
POPE JOHN PAUL HIGH SCHOOL
1501 LAJARRIE DR
SLIDELL, LA 70661
JOB No: 2522 DATE: 04-10-2026
DRAWN BY: BAKY CHECKED BY: CKD

SHEET TITLE:
POWER PLAN
DRAWING NUMBER:
E101
SHEET No: 16 of 20

Symbol	Label	Qty	Arrangement	Manufacturer & Part Number	LLF	Lum. Lumens
⊙	A1	19	SINGLE	JADEMAR - JPHBS-CPS-240W-1PD-100D-BK w/ PC Refractor (Set at 180Watt)	0.150	19724
⊙	A1E	8	SINGLE	JADEMAR - JPHBS-CPS-240W-1PD-100D-BK-JEMBBU-25W w/ PC Refractor (Set at 180Watt)	0.150	19724
⊙	B1	50	SINGLE	PORTOR - PT-TRO2-24-3CP (Set at 45Watt)	0.350	6190
⊙	B1E	15	SINGLE	PORTOR - PT-TRO2-24-3CP-PT-EM1-15W (Set at 45Watt)	0.350	6190
⊙	C1	8	SINGLE	PORTOR - PT-BLP-HO-24-67-5C4P (Set at 67Watt)	0.950	10433
⊙	C1E	1	SINGLE	PORTOR - PT-BLP-HO-24-67-5C4P-PT-EMA-8W (Set at 67Watt)	0.114	10433
⊙	D1	1	SINGLE	PORTOR - PT-BLP-24-40-3CP-9 (Set at 40Watt)	0.950	5355
⊙	D1E	1	SINGLE	PORTOR - PT-BLP-24-40-3CP-9-PT-EMA-8W (Set at 40Watt)	0.210	5355
⊙	F1	21	SINGLE	SOLAIS - BDLR6-1-PW-PW-WFL-940-1500-UNV	0.710	1715
⊙	F1E	8	SINGLE	SOLAIS - BDLR6-1-PWEM-PW-WFL-940-1500-UNV-EM	0.710	1715
⊙	G1	18	SINGLE	BROWNLEE - 5165-24-H13-40K	0.950	1663
⊙	S1	2	SINGLE	BROWNLEE - 7110-49-H32-40K	0.950	3757
⊙	S1E	1	SINGLE	BROWNLEE - 7110-49-H32-40K-BB1	0.310	3757
⊙	WP1	8	SINGLE	PORTOR - PT-WPF-60-3CPB (Set at 40Watt)	0.950	5706
⊙	WP1E	4	SINGLE	PORTOR - PT-WPF-60-3CPBPT-EMN-15W-155 (Set at 40Watt)	0.395	5706

34 LUMINAIRE SCHEDULE

SCALE: NTS

SensorWorx Digital (SWD)			
Description	Quantity	Unit	Comments
SWD-203	8	Count	Digital High Bay 360° Ceiling Sensor - PIR
SWD-804-XX	2	Count	Digital 1-Zone Dimmer Wall Station (On/Off/Raise/Lower)
SWD-900-D1	1	Count	Digital Zone Controller, 120-277 VAC, 16A, 0-10V Dimming (Class 1 Dimming Wires)
SWX-121-XX	2	Count	Wall Switch Sensor, Dual Tech, Auto On
SWX-122-XX	2	Count	Wall Switch Sensor, Dual Tech, 2 Pole, Partial On with Sidecar Kit, Line Voltage
SWX-222-1	26	Count	Ceiling Sensor, Dual Tech, Large Motion 360°, Low Voltage
SWX-801-XX	15	Count	Momentary Wall Switch, Low Voltage
SWX-803-XX	8	Count	Dimming Wall Switch, Low Voltage, 0-10V
SWX-900-AX	21	Count	Power Pack, 16A, 120/277VAC, Auxiliary Switch Input
SWX-EPC-A-2-D	17	Count	Emergency Power + 0-10V Dimming Control, Chase Nipple Mounted
SWX-LCS624D	1	COUNT	Outdoor Photocontrol (Controls Square-D Lighting Contactor through SWX-900-AX)

35 SENSOR SCHEDULE

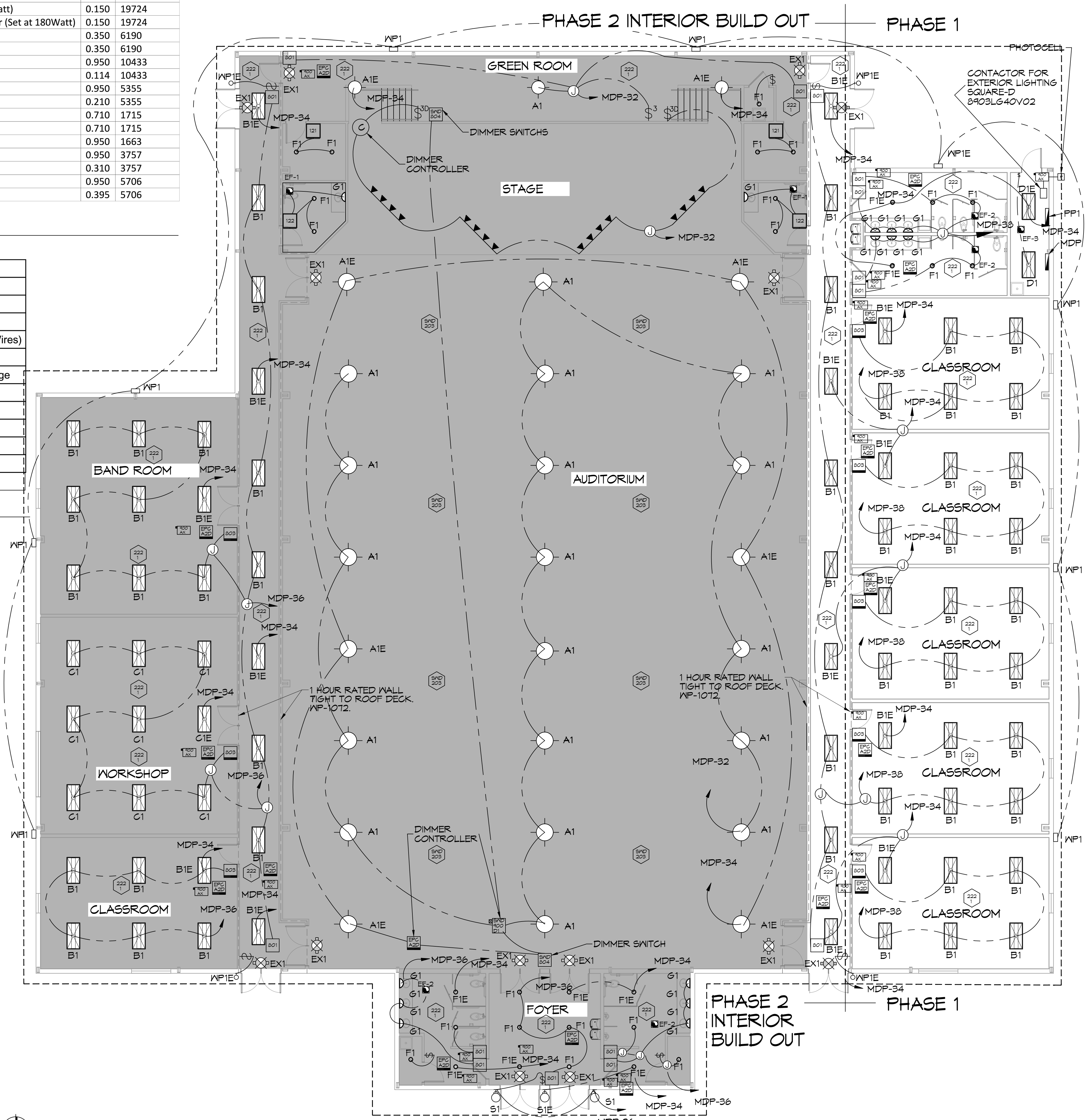
SCALE: NTS

GENERAL LIGHTING NOTES

- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- 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 SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
- ALL CONDUCTORS SHALL BE #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.
- 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 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 HAL LBE LUTRON NOVA T-STAR.
- WHERE FLUORESCENT FIXTURES ARE SHOWN TO BE DIMMED, THE FIXTURES SHALL HAVE DIMMING TYPE BALLASTS WHICH ARE COMPATIBLE WITH THE SPECIFIED DIMMERS.
- WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
- ALL EMERGENCY 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 410.136.

LIGHTING LEGEND

- EF? ● EXHAUST FAN - 480V
- WP1 ⊙ EXTERIOR WEATHERPROOF WALL MOUNTED LIGHT IV 90 MIN. BATTERY BACKUP - 100W
- WP2 ⊙ EXTERIOR WEATHERPROOF CAN LIGHT - 90W
- TR1 ≡≡≡ DIRECTIONAL TRACK STAGE LIGHTING 400W PER FIXTURE - 1200W TOTAL
- EX1 ⊗ EMERGENCY EXIT LIGHT IV 90 MIN. BATTERY BACKUP - 12W
- ☐ PHOTOCELL DAYLIGHT SENSOR
- ⊕ LIGHT SWITCH, 277V
- ⊕₃ LIGHT SWITCH, 3 WAY, 277V
- ⊕₃ D LIGHT SWITCH, 3 WAY, DIMMER, 277V
- ⊙ JUNCTION BOX



33 LIGHTING PLAN

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

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#	DESCRIPTION	DATE

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

NEW AUDITORIUM
 PAUL POPE HIGH SCHOOL
 1501 LAJARRIE DR.
 SLIDELL, LA 70661
 JOB No: 2932 DATE: 04-10-2026
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:
 LIGHTING PLAN
 DRAWING NUMBER:
E102
 SHEET No: 19 of 20

