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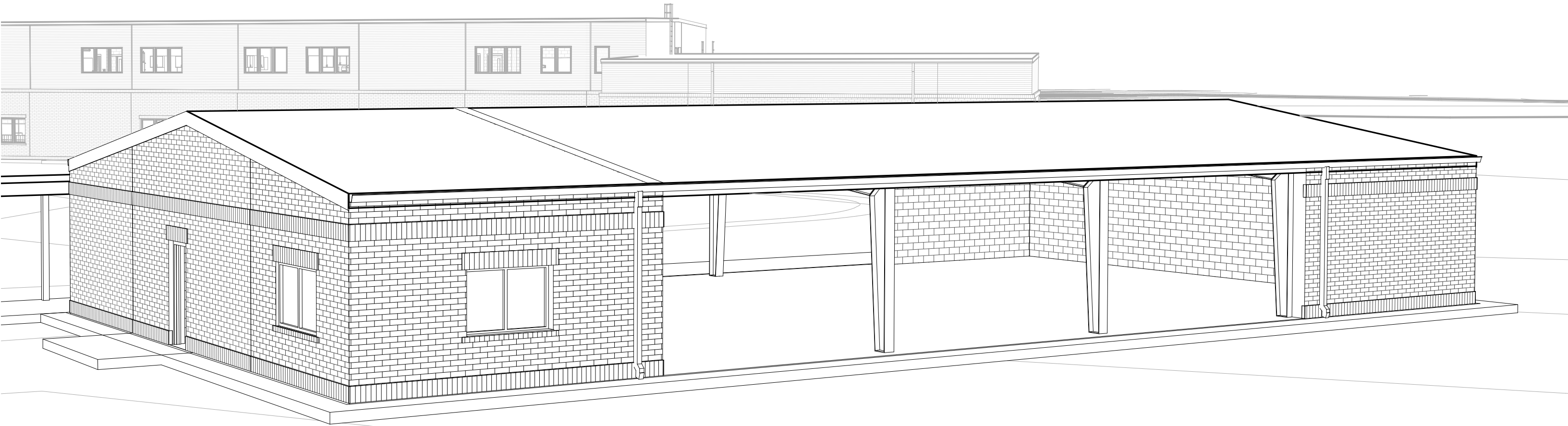
PHASE II

SANTA ROSA COUNTY SCHOOL DISTRICT

COVERED PE BUILDING for

EAST BAY K-8 SCHOOL

2535 ELKHART DRIVE,  
GULF BREEZE, FL 32563



ARTISTIC RENDERINGS, AERIAL IMAGES AND AXONOMETRICS ARE PROVIDED FOR PROJECT ORIENTATION ONLY. RENDERINGS, AERIAL IMAGES AND AXONOMETRICS ARE NOT TO SCALE AND DO NOT NECESSARILY ACCURATELY REFLECT ALL PROVISIONS OF THE CONTRACT DOCUMENTS.

PROJECT SCOPE

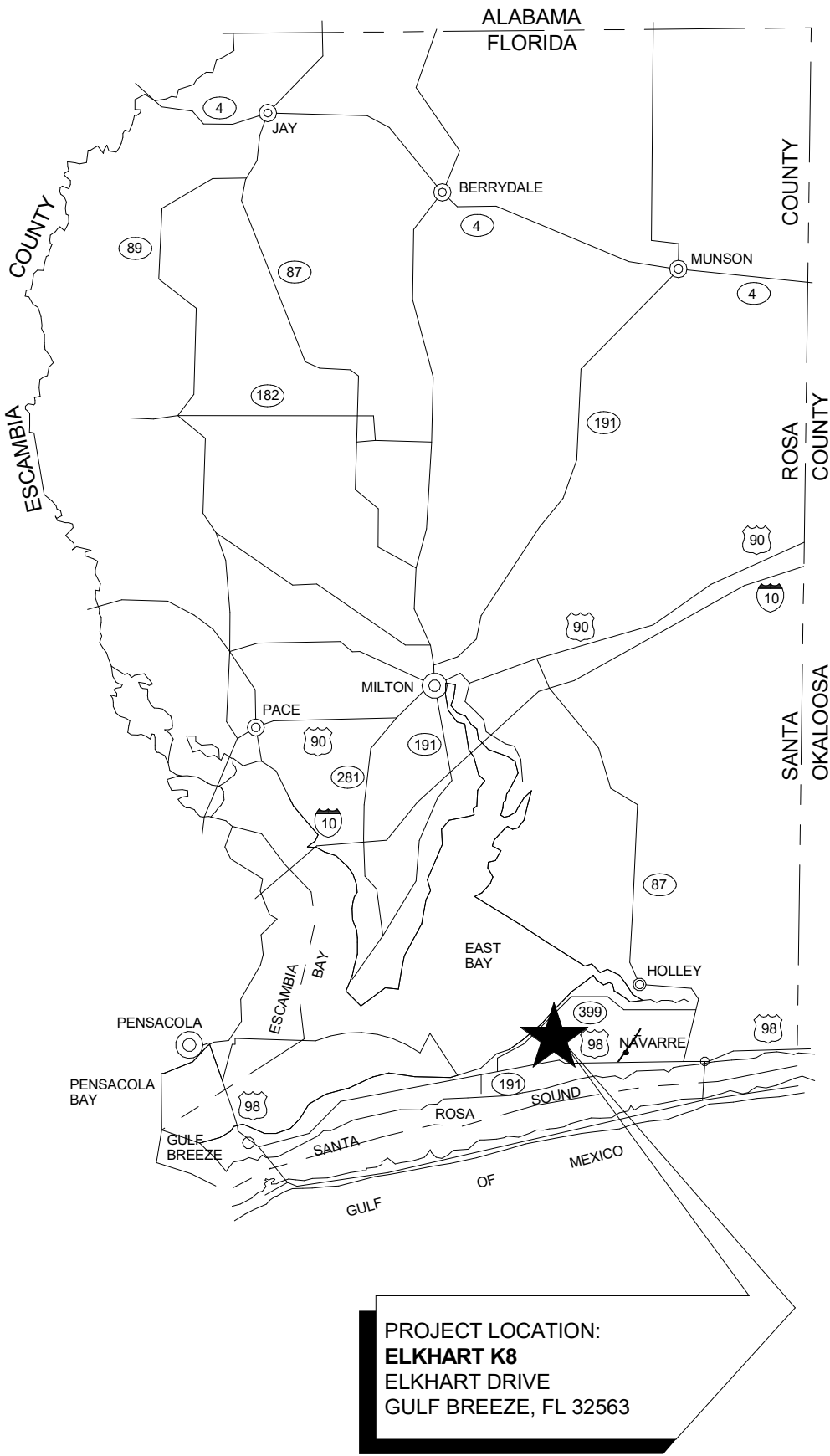
PROJECT CONSISTS OF 1 STORY COVERED PLAY BUILDING.

APPLICABLE CODES

Florida Building Code (FBC), Sixth Edition (2017)  
Florida Fire Prevention Code, Sixth Edition (2017)  
NFPA 1 Fire Code and NFPA 101 Life Safety Code 2015 Edition  
Florida Plumbing Code, Sixth Edition (2017)  
Florida Mechanical Code, Sixth Edition (2017)  
Florida Fuel Gas Code, Sixth Edition (2017)  
National Electrical Code, NFPA 70, 20008 Edition  
Florida Energy Code (FEC), Sixth Edition (2017)  
Florida Accessibility Code, Sixth Edition (2017)

PROJECT LOCATION

SANTA ROSA COUNTY, FLORIDA



SHEET INDEX

INDEX OF DRAWINGS

SHEET NUMBER	SHEET TITLE
P101	SANITARY PLAN
P102	DOMESTIC WATER PLAN
S000	OPENING PAGE
S001	GENERAL NOTES & TYPICAL DETAILS
S101	FOUNDATION PLAN AND SECTION DETAILS
GENERAL	
G000	COVER SHEET
CIVIL	
C000	NOTES AND INFORMATION
C100	DEMOLITION AND EROSION CONTROL PLAN
C200	SITE IMPROVEMENTS PLAN
C300	GRADING PLAN
C400	DRAINAGE & UTILITY PLAN
C900	SITE DETAILS
C910	EROSION CONTROL DETAILS
ARCHITECTURAL	
A001	ABBREVIATIONS & SYMBOLS
A100	ARCHITECTURAL SITE PLAN
A101	FLOOR PLAN & DIMENSION PLAN
A102	REFLECTED CEILING PLAN AND FINISHES
A200	BUILDING ELEVATIONS & SECTIONS
A310	WALL SECTIONS AND DETAILS
A600	DOOR AND FRAME SCHEDULE
MECHANICAL	
M001	MECHANICAL LEGEND
M002	MECHANICAL SCHEDULES
M100	MECHANICAL FLOOR PLANS
M500	MECHANICAL DETAILS
M501	MECHANICAL DETAILS
M600	MECHANICAL CONTROLS
ELECTRICAL	
E001	ELECTRICAL LEGEND, NOTES, ABBREVIATIONS
E002	ELECTRICAL LIGHTING FIXTURE SCHEDULE
E100	ELECTRICAL SITE PLAN
E200	FIRST FLOOR OVERALL LIGHTING PLAN
E201	FIRST FLOOR LIGHTING
E301	FIRST FLOOR POWER - AREA A
E401	FIRST FLOOR SYSTEMS - AREA A
E601	ELECTRICAL DETAILS
E602	ELECTRICAL DETAILS
E603	ELECTRICAL DETAILS
E604	ELECTRICAL DETAILS
E605	ELECTRICAL DETAILS
E608	ELECTRICAL DETAILS
E609	ELECTRICAL DETAILS
E701	ELECTRICAL SINGLE LINE DIAGRAM
E702	ELECTRICAL SCHEDULES
E703	ELECTRICAL SCHEDULES



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40 S. Palafox Pl Suite 201 Pensacola, FL 32502  
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SANTA ROSA COUNTY SCHOOL DISTRICT  
COVERED PE BUILDING for  
EAST BAY K-8 SCHOOL

2535 ELKHART DRIVE, GULF BREEZE, FL 32563

PROJECT TEAM

<p><b>OWNER:</b></p> <p>SANTA ROSA COUNTY SCHOOL DISTRICT 6544 FIREHOUSE ROAD MILTON, FL 32570</p> <p>PHONE: 850-983-5123 EMAIL: HarrelJ@santarosa.k12.fl.us</p> <p>CONTACT: JOSEPH HARRELL</p>	<p><b>ARCHITECTURE:</b></p> <p>DAG ARCHITECTS, INC. 40 SOUTH PALAFOX PLACE, SUITE 201 PENSACOLA, FL 32502</p> <p>PHONE: 850-429-9004 EMAIL: dluttrell@dagarchitects.com staunton@dagarchitects.com</p> <p>PIC: DAVE LUTTRELL, RA PM: SANDRA TAUNTON, RA, LEED AP BD+C</p>	<p><b>CIVIL:</b></p> <p>McKIM &amp; CREED, INC. 1206 N. PALAFOX STREET PENSACOLA, FL 32501</p> <p>PHONE: 850-994-9503 EMAIL: pjehle@mckimcreed.com</p> <p>PM: PATRICK JEHL, PE</p>	<p><b>STRUCTURAL:</b></p> <p>BERUBE LEONARD, LLC 3101 NORTH 12TH AVENUE PENSACOLA, FL 32503</p> <p>PHONE: 850-473-9955 EMAIL: steve@blse.net</p> <p>PM: STEVE LEONARD, PE</p>	<p><b>MECHANICAL / PLUMBING / TELECOM:</b></p> <p>SCHMIDT CONSULTING GROUP, INC. 901 WEST GARDEN STREET PENSACOLA, FL 32502</p> <p>PHONE: 850-438-0050 EMAIL: joe@schmidtconsultinggroup.com</p> <p>PM: JOE JONES, PE</p>	<p><b>ELECTRICAL:</b></p> <p>SCHMIDT CONSULTING GROUP, INC. 901 WEST GARDEN STREET PENSACOLA, FL 32502</p> <p>PHONE: 850-438-0050 EMAIL: toddn@schmidtconsultinggroup.com</p> <p>PM: TODD NICHOLSON, PE</p>
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REVISIONS:		
No.	Description	Date

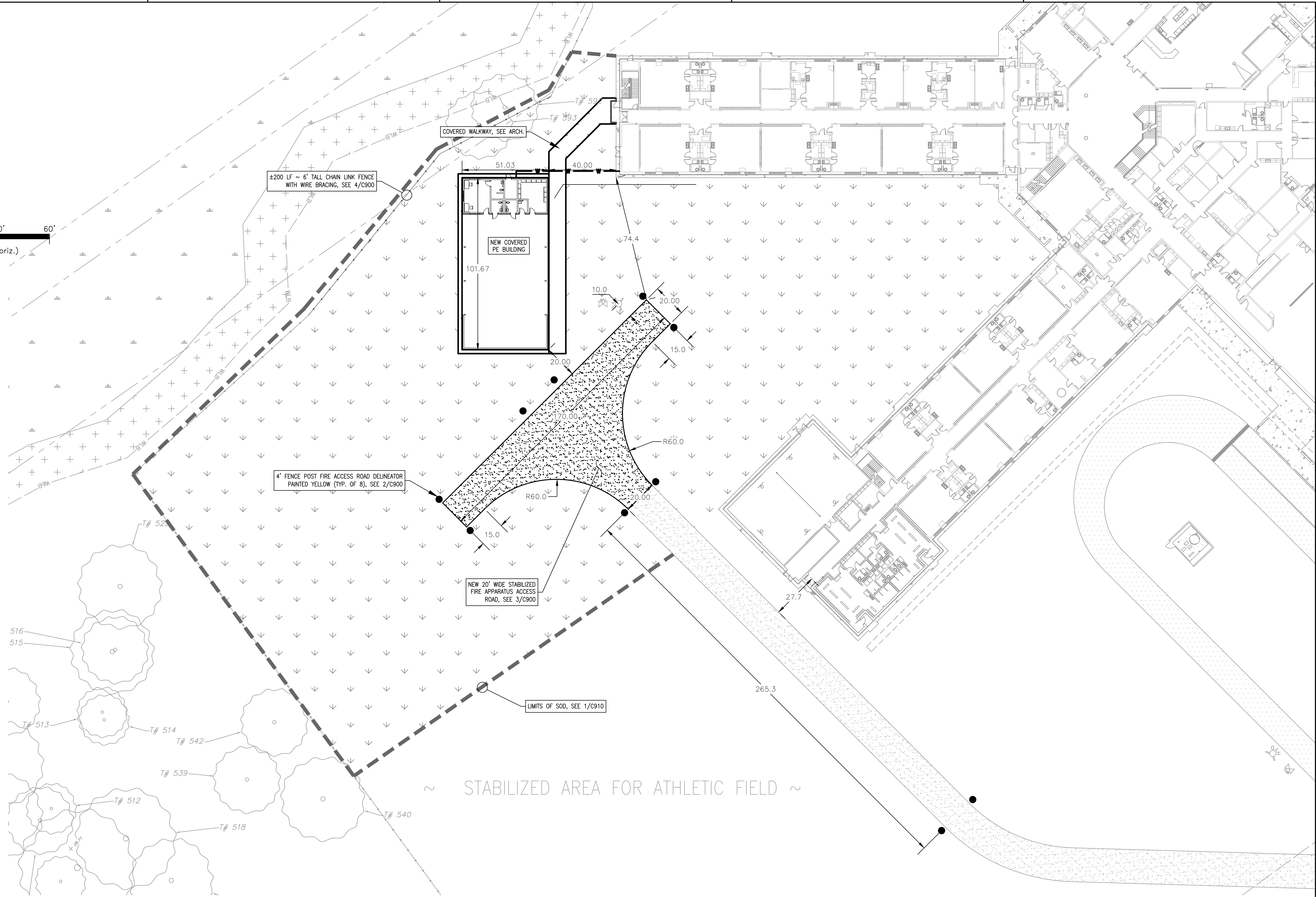
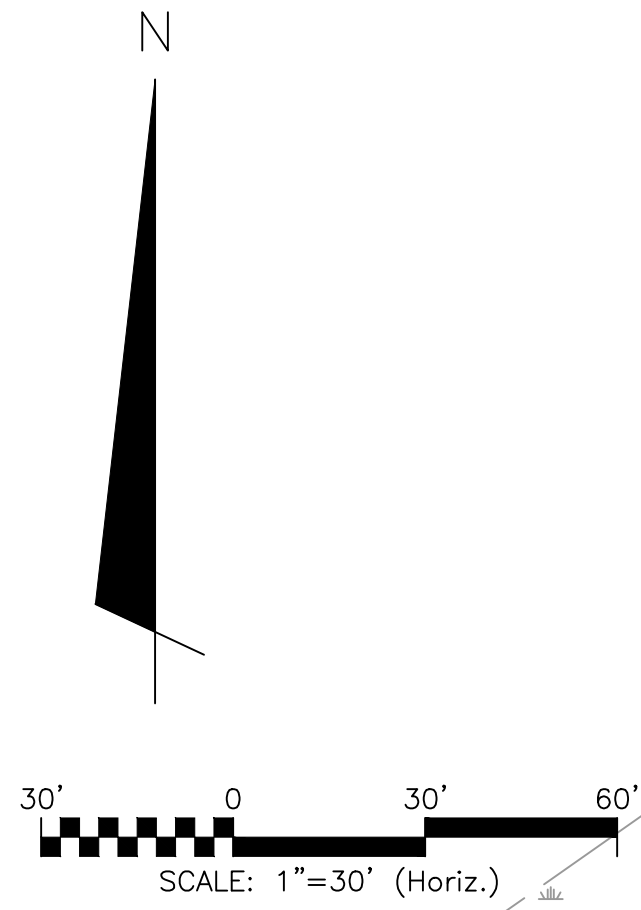
COVER SHEET

Project Number	20055
Dated	September 29, 2020
Drawn By	Author
Approved By	Approver
PM	Designer

G000

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1206 N. Palafox Street  
Pensacola, Florida 32501  
Phone: (850) 994-9503

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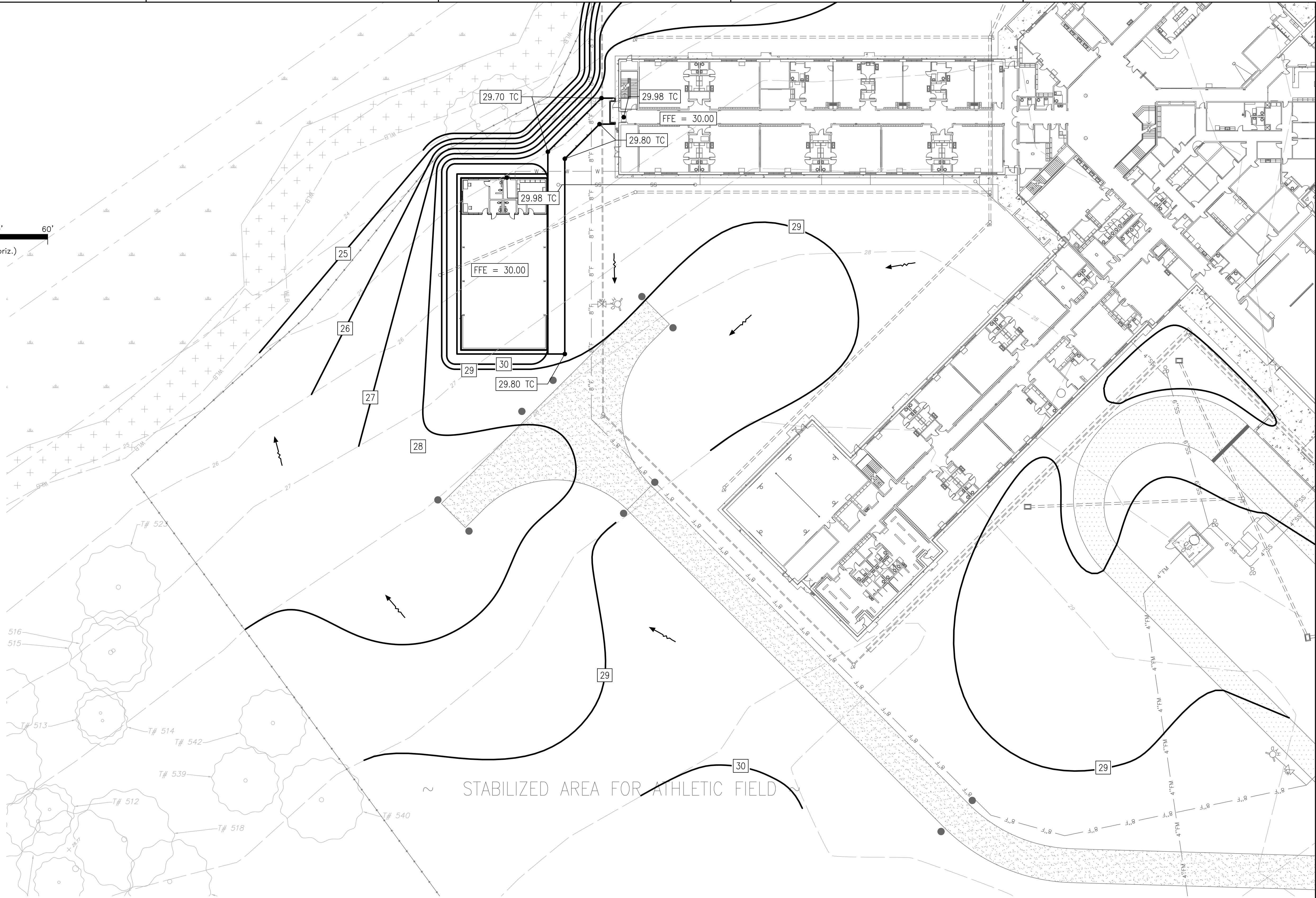
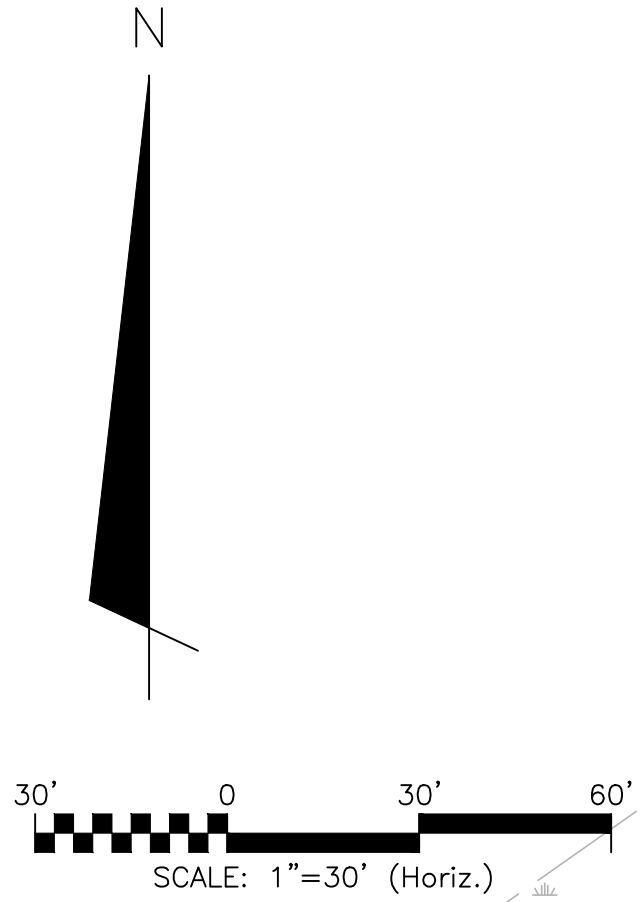
SITE IMPROVEMENTS  
PLAN

Project Number	20055
Dated	September 29, 2020
Drawn By	ALM
Approved By	DPJj
PM	DPJj

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GRADING NOTES:

- THE FOLLOWING ABBREVIATIONS APPLY:  
TC = TOP OF CONCRETE
- CONTRACTOR IS RESPONSIBLE FOR GRADING SITE TO ACHIEVE PROPOSED SURFACE FLOW PATTERNS INDICATED BY PROPOSED SPOT ELEVATIONS AND CONTOURS. IN ALL CASES RUNOFF MUST BE DIRECTED AWAY FROM BUILDINGS, WALKS, AND PADS.
- THE CONTRACTOR IS REQUIRED TO USE A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO PERFORM A FULL AS-BUILT SURVEY OF THE PROJECT AREA AFTER CONSTRUCTION IS COMPLETE.

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No.	Description	Date

GRADING PLAN

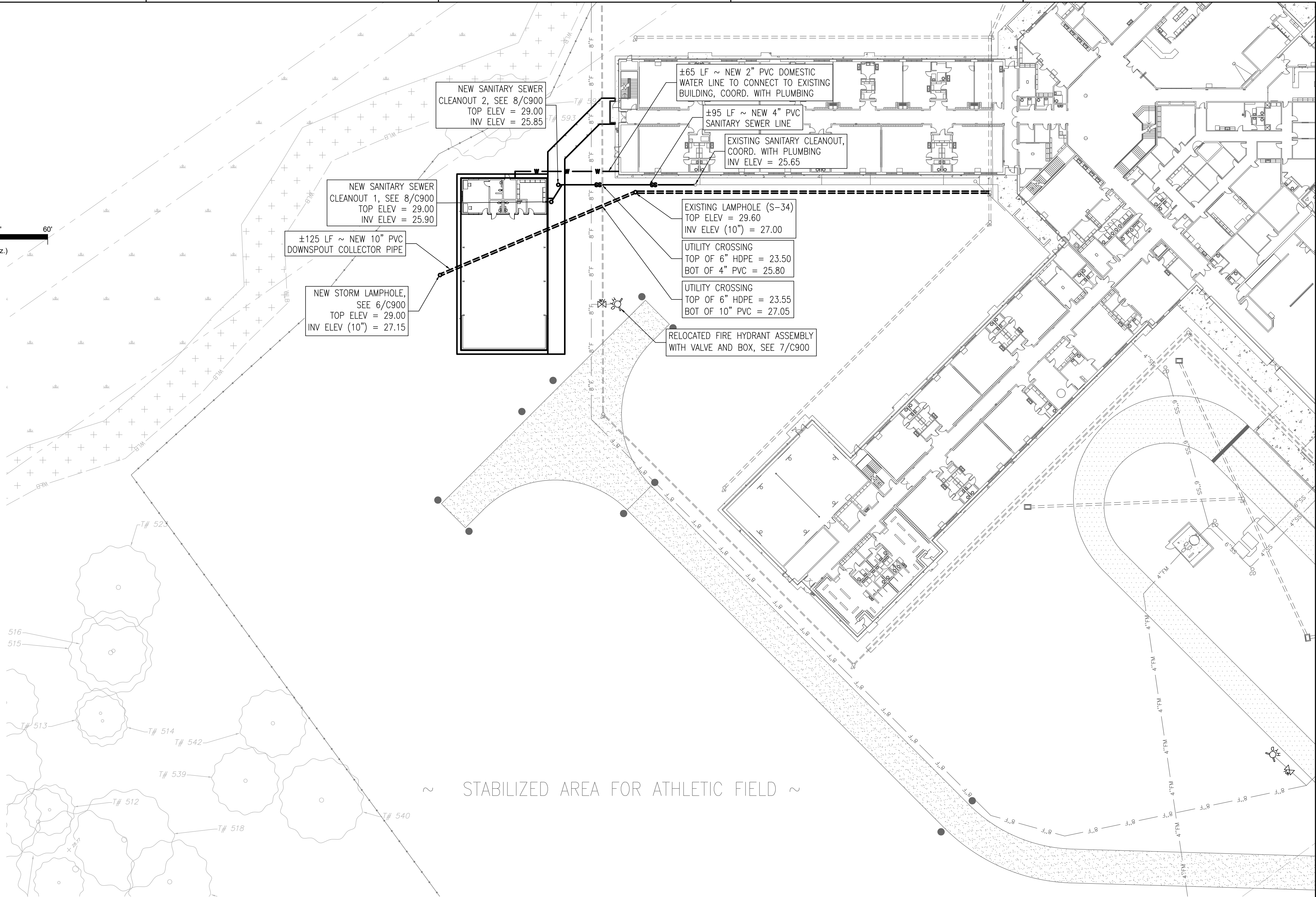
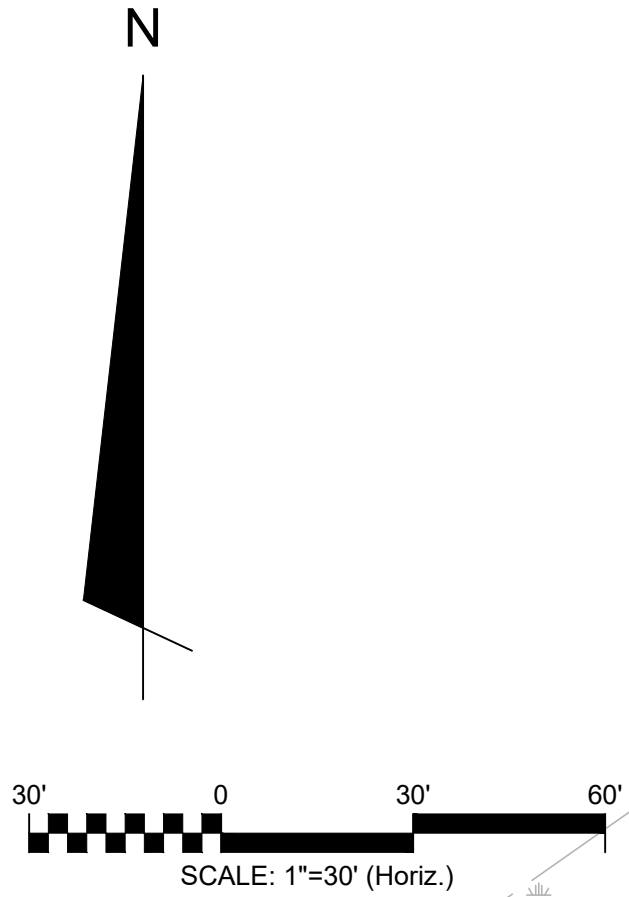
Project Number	20055
Dated	September 29, 2020
Drawn By	ALM
Approved By	DPJj
PM	DPJj

C300



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UTILITY NOTES AND SPECIFICATIONS FOR MIDWAY WATER SYSTEM

1. TAPPING HYDRANTS FOR SERVICES WITHOUT THE PROPER METER AND BACKFLOW DEVICES INSTALLED, OR TURNING ON VALVES WITHOUT MIDWAY WATER SYSTEM PERMISSION, WILL RESULT IN A TAMPERING FINE OF \$500.00 TO THE CONTRACTOR.
2. MIDWAY WATER SYSTEM WILL ONLY PROVIDE WATER SERVICE AFTER ALL NOTED ISSUES HAVE BEEN ADDRESSED AND CORRECTED FOLLOWING THE INSPECTION BY THE MIDWAY WATER SYSTEM REPRESENTATIVE.
3. ALL SADDLES WILL BE FORD BRASS SINGLE HINGED, SINGLE SCREW. DOUBLE BAND SADDLES WILL NOT BE ACCEPTED.
4. RETAINER FLANGES MUST BE USED ON ALL DUCTILE IRON FITTINGS. ANCHOR COUPLINGS MUST BE USED ON HYDRANTS AND HYDRANT VALVES. IF ANCHOR COUPLINGS ARE NOT LONG ENOUGH THEN DUCTILE IRON MUST BE INSTALLED BETWEEN THE HYDRANT AND VALVE.
5. ALL VALVES MUST INCLUDE A CONCRETE RING THAT MUST BE VISIBLE AT TIME OF INSPECTION.
6. ALL FIRE HYDRANTS MUST BE INSTALLED AT THE PROPER HEIGHT ABOVE FINISHED GRADE. LOW SET HYDRANTS ARE NOT PERMITTED. EXISTING LOW SET HYDRANTS MUST BE RAISED TO CODE HEIGHT ABOVE FINISHED GRADE. AREAS REQUIRING FILL DIRT MUST BE PROVIDED DONE AT THE CONTRACTOR'S EXPENSE.
7. ALL WORK MUST BE PERFORMED BY A FLORIDA LICENSED UNDERGROUND UTILITY CONTRACTOR, AND A COPY OF THE LICENSE MUST BE PROVIDED TO MIDWAY WATER SYSTEM PRIOR TO COMMENCING WORK.
8. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING MIDWAY WATER SYSTEM SURVEY GRADE GPS AS-BUILTS IN STATE PLANE COORDINATES FOR ALL VALVES AND HYDRANTS. THE AS-BUILT PLANS MUST ALSO INCLUDE THE LOCATION OF ALL SERVICES, HYDRANTS, FITTINGS, VALVES AND MEASUREMENTS FROM BACK OF CURD TO THE WATER MAINS. AFTER MIDWAY WATER SYSTEM FINAL INSPECTION, THE CONTRACTOR MUST PROVIDE MIDWAY WATER SYSTEM A DISC WITH THE COMPLETED AS-BUILT PLANS.

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No.	Description	Date

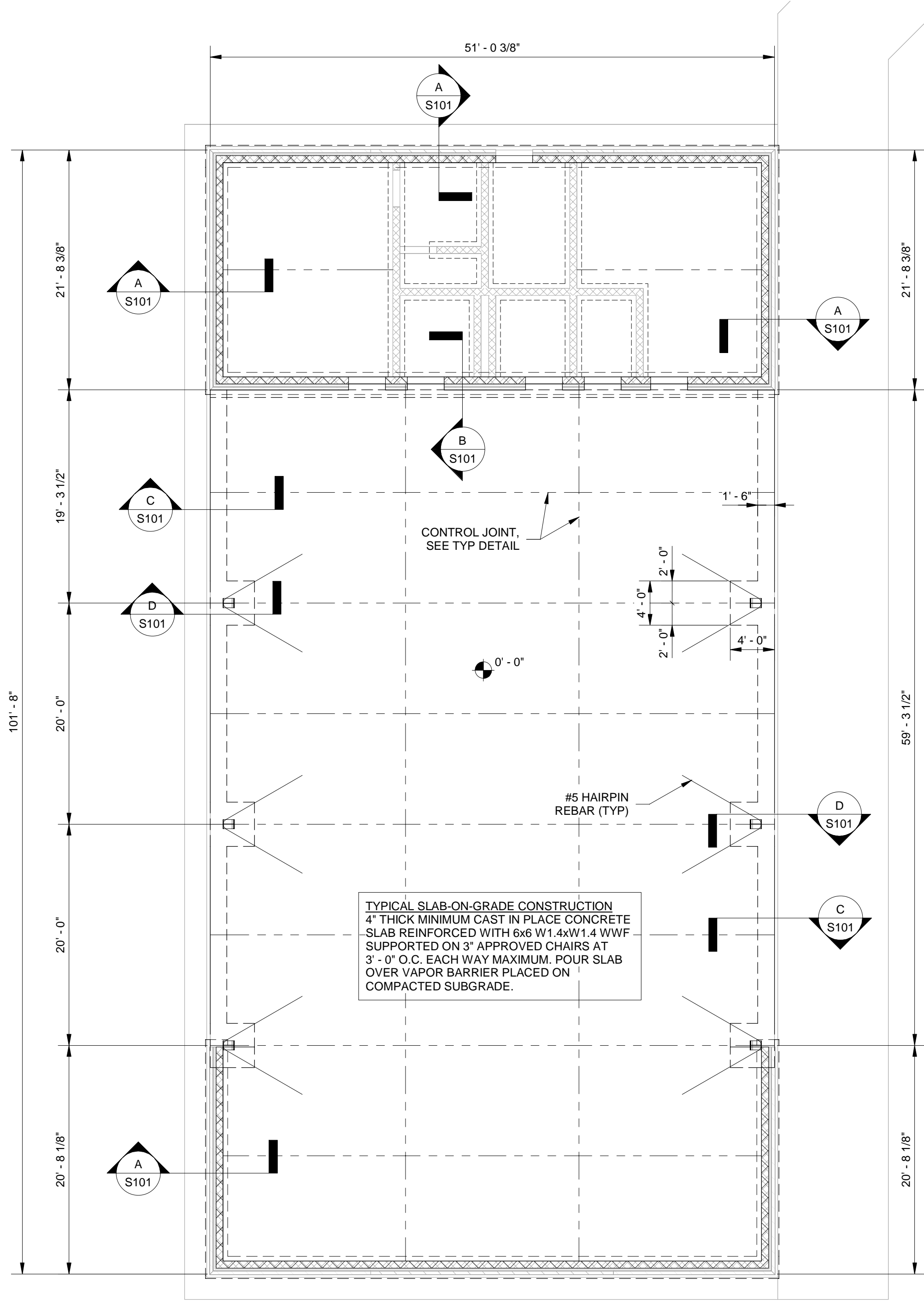
DRAINAGE &  
UTILITY PLAN

Project Number	20055
Dated	September 29, 2020
Drawn By	ALM
Approved By	DPJj
PM	DPJj

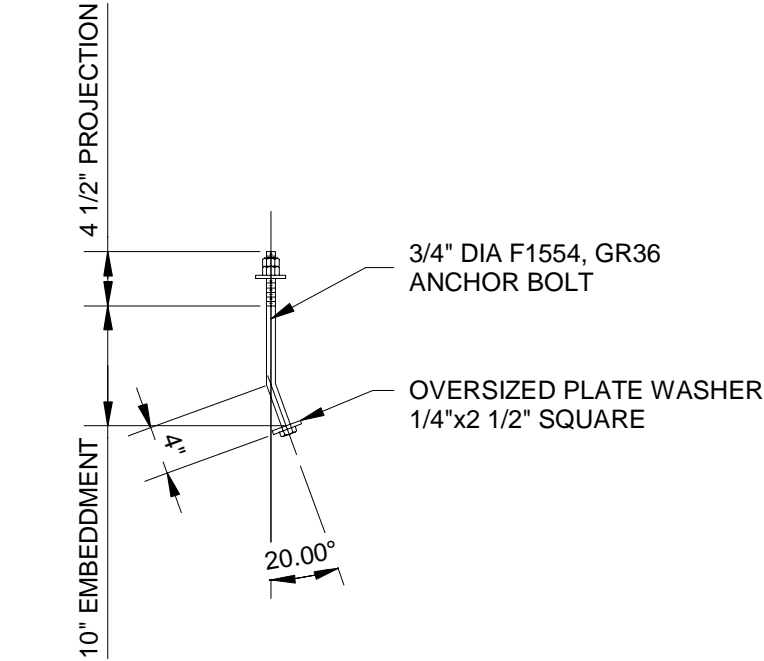
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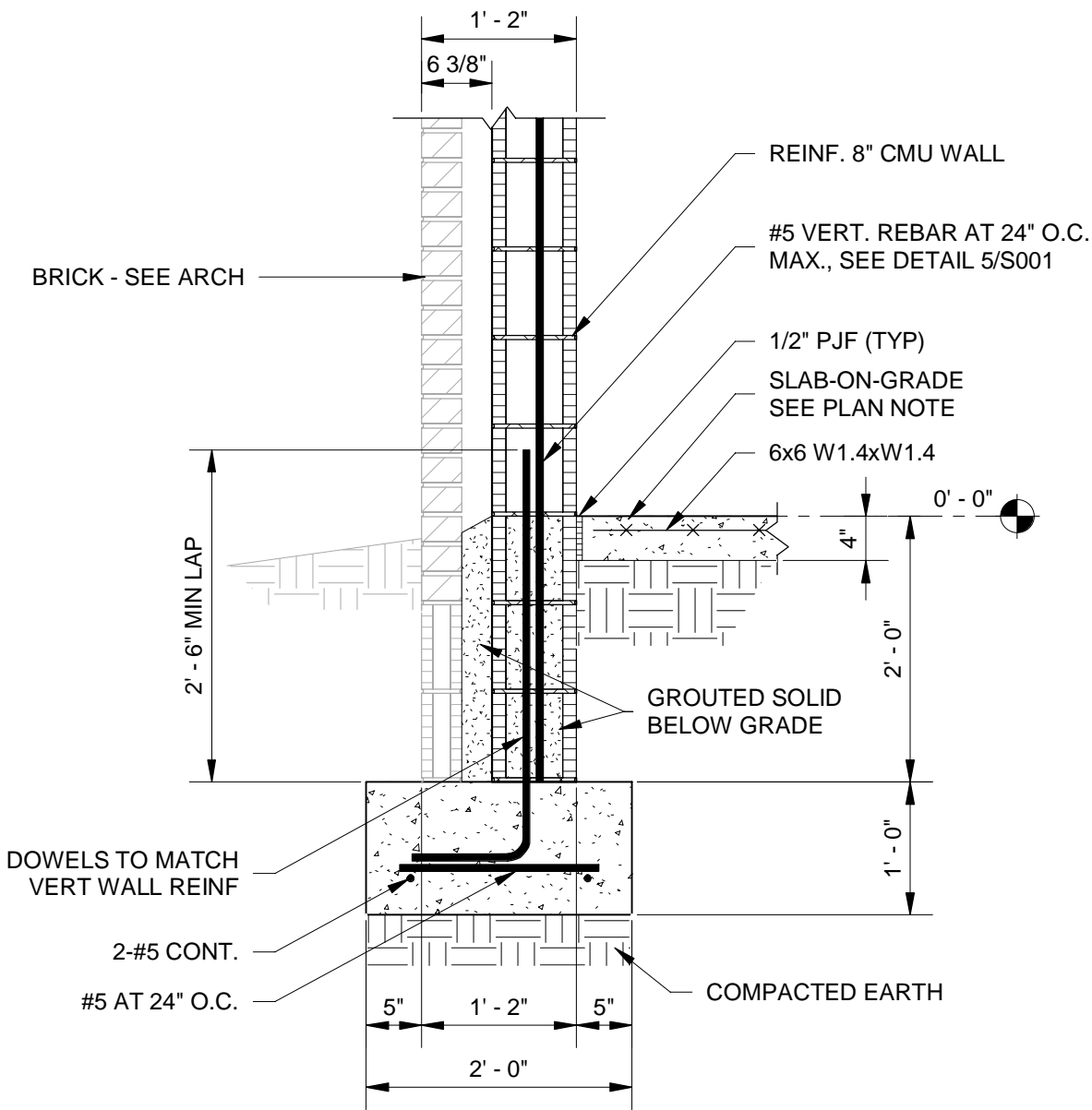
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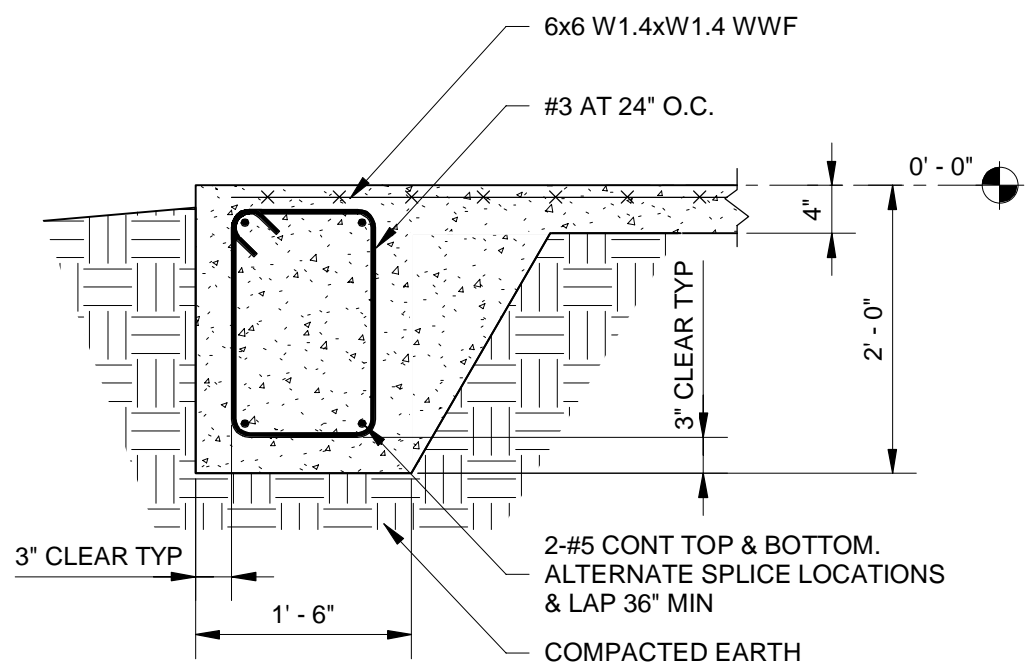
**1 FOUNDATION PLAN**  
S101 1/8" = 1'-0"



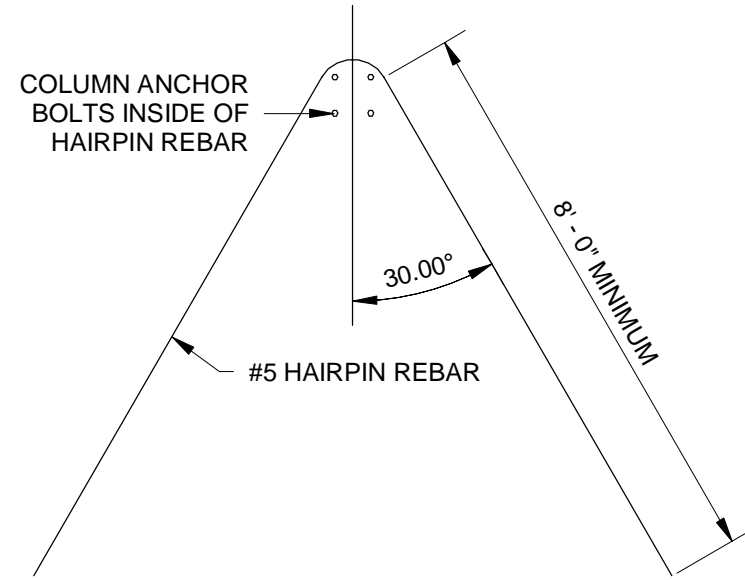
**2 TYP AB DETAIL**  
S101 3/4" = 1'-0"



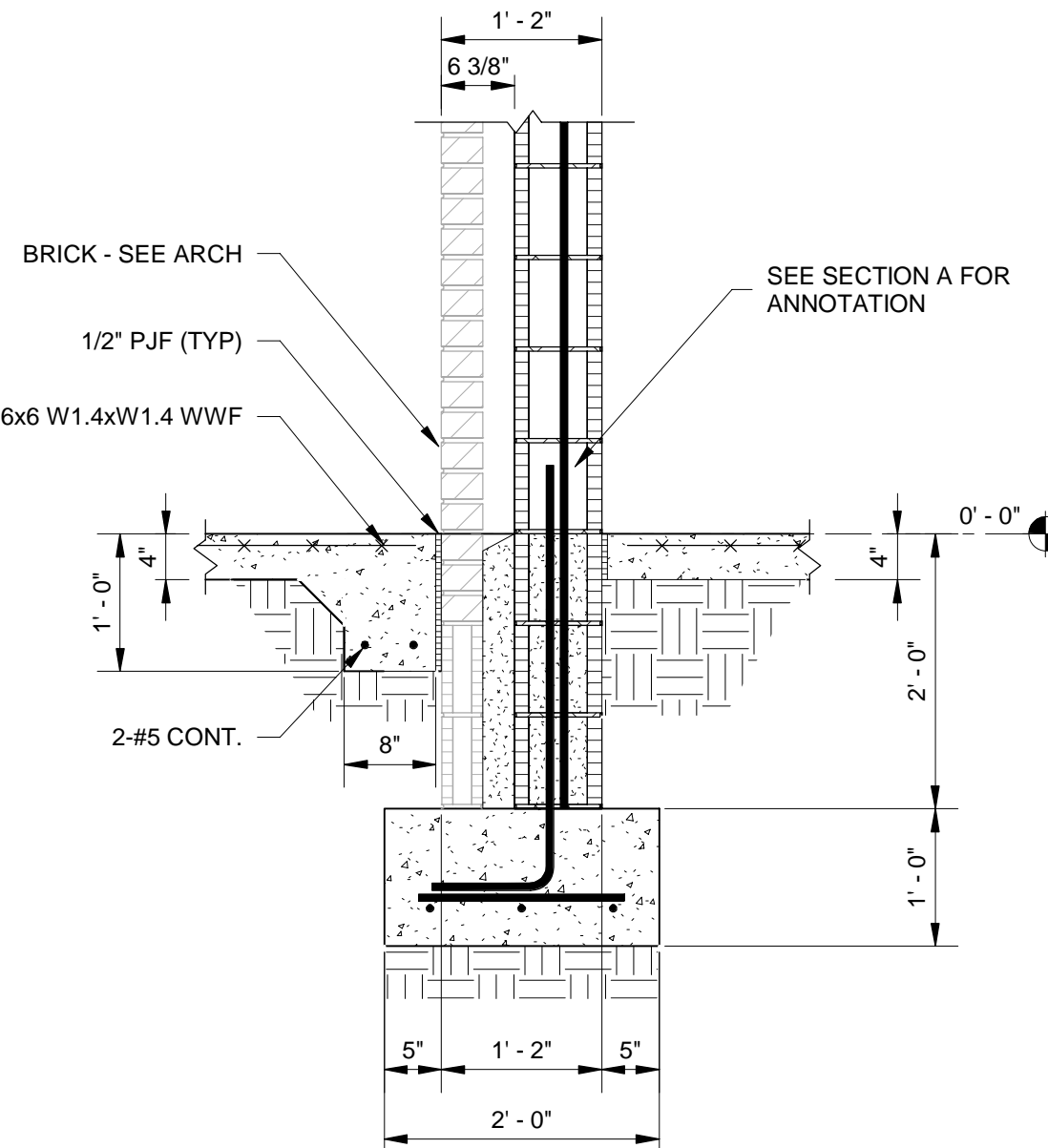
**A SECTION**  
S101 3/4" = 1'-0"



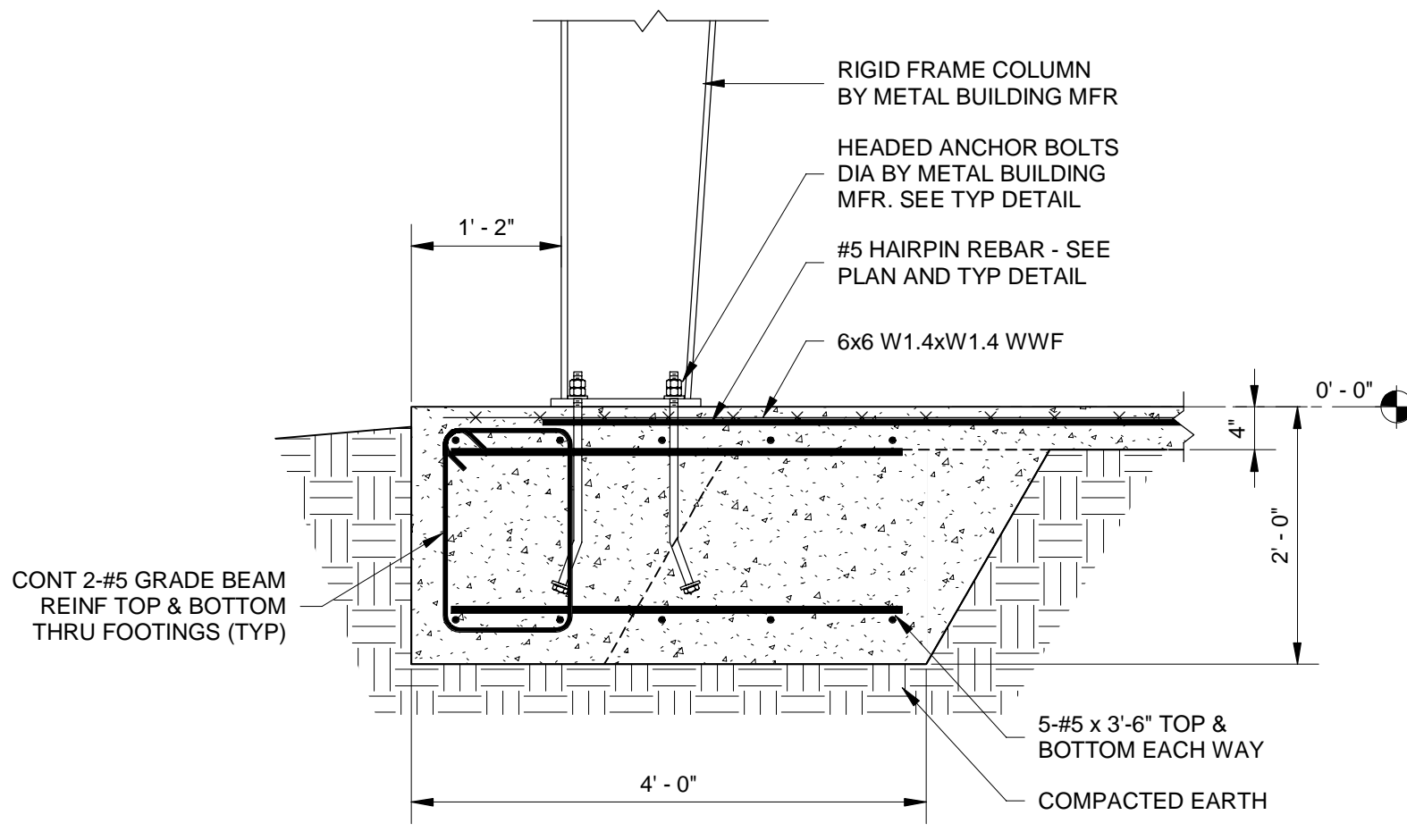
**C SECTION**  
S101 3/4" = 1'-0"



**3 TYP HAIRPIN REBAR DETAIL**  
S101 3/8" = 1'-0"



**B SECTION**  
S101 3/4" = 1'-0"



**D SECTION**  
S101 3/4" = 1'-0"



ARCHITECTS

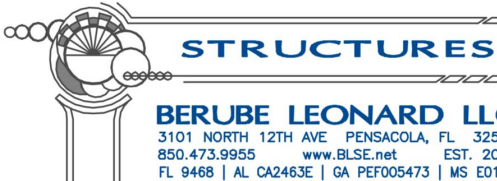
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2535 ELKHART DRIVE, GULF BREEZE, FL 32563



REVISIONS:		
No.	Description	Date

FOUNDATION PLAN AND  
SECTION DETAILS

Project Number	20055
Dated	September 29, 2020
Drawn By	NRL
Approved By	SWL
PM	SWL

S101



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PLAN GRAPHIC LEGEND

**PLAN SYMBOLS**

Room name  
101  
150 SF

ROOM IDENTIFIER- NAME, NUMBER, AREA

W1.1

PARTITION TYPE IDENTIFIER-  
SEE WALL TYPES

W1.1 3

RATED PARTITION TYPE  
IDENTIFIER- SEE WALL  
TYPES

D01A

DOOR IDENTIFIER- SEE DOOR SCHEDULE

##

WINDOW IDENTIFIER- SEE WINDOW TYPES  
AND ELEVATIONS. INCLUDES W, H, O, & S  
TYPES

0

NEW COLUMN GRIDLINE

Spot Elevation Marker

SPOT ELEVATION MARKER

Name  
Elevation

ELEVATION (FLOOR/ LEVEL) MARKER

FE

FIRE EXTINGUISHER (BRACKET MOUNTED)  
REFER TO SPECIFICATIONS

FEC

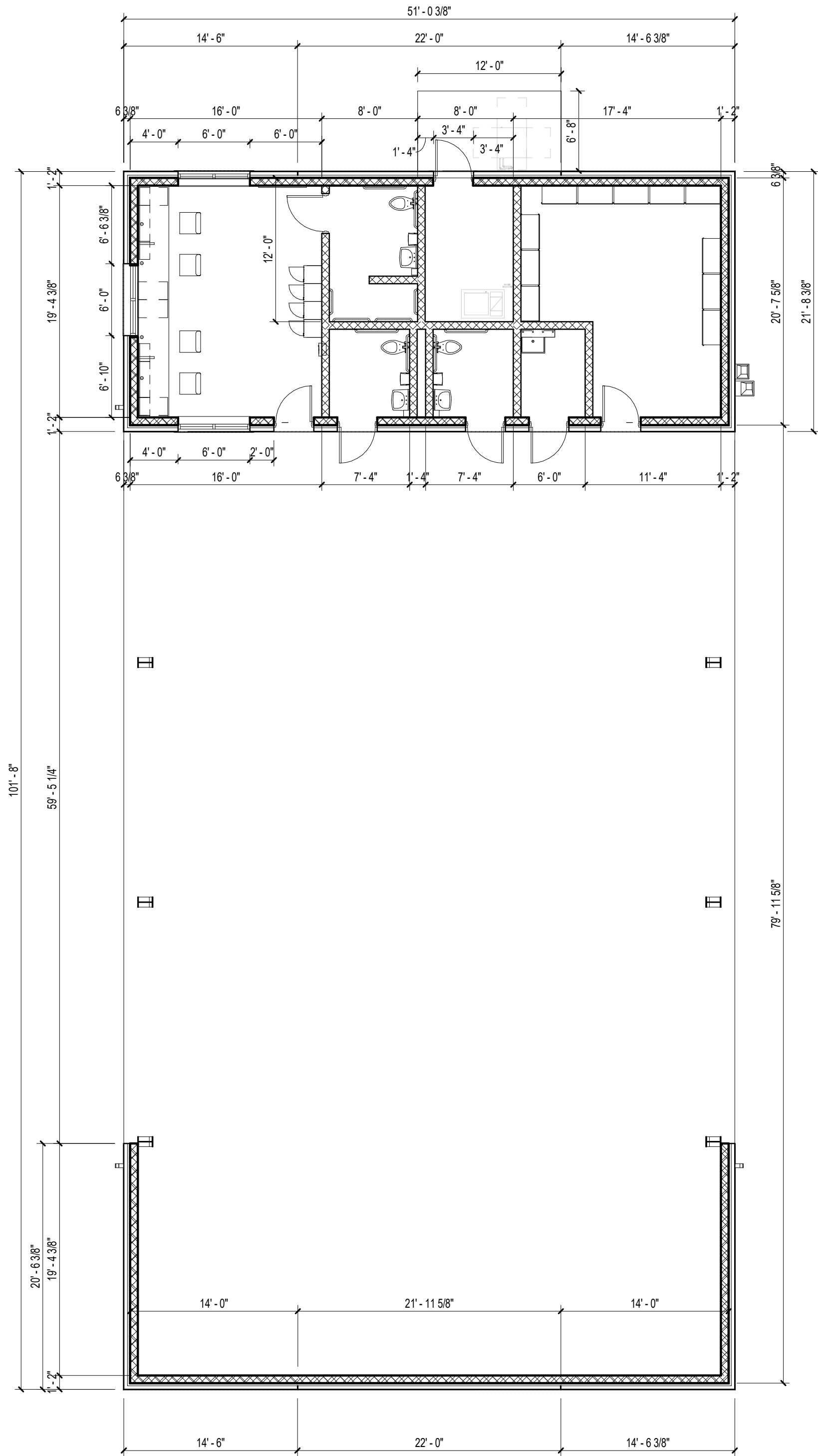
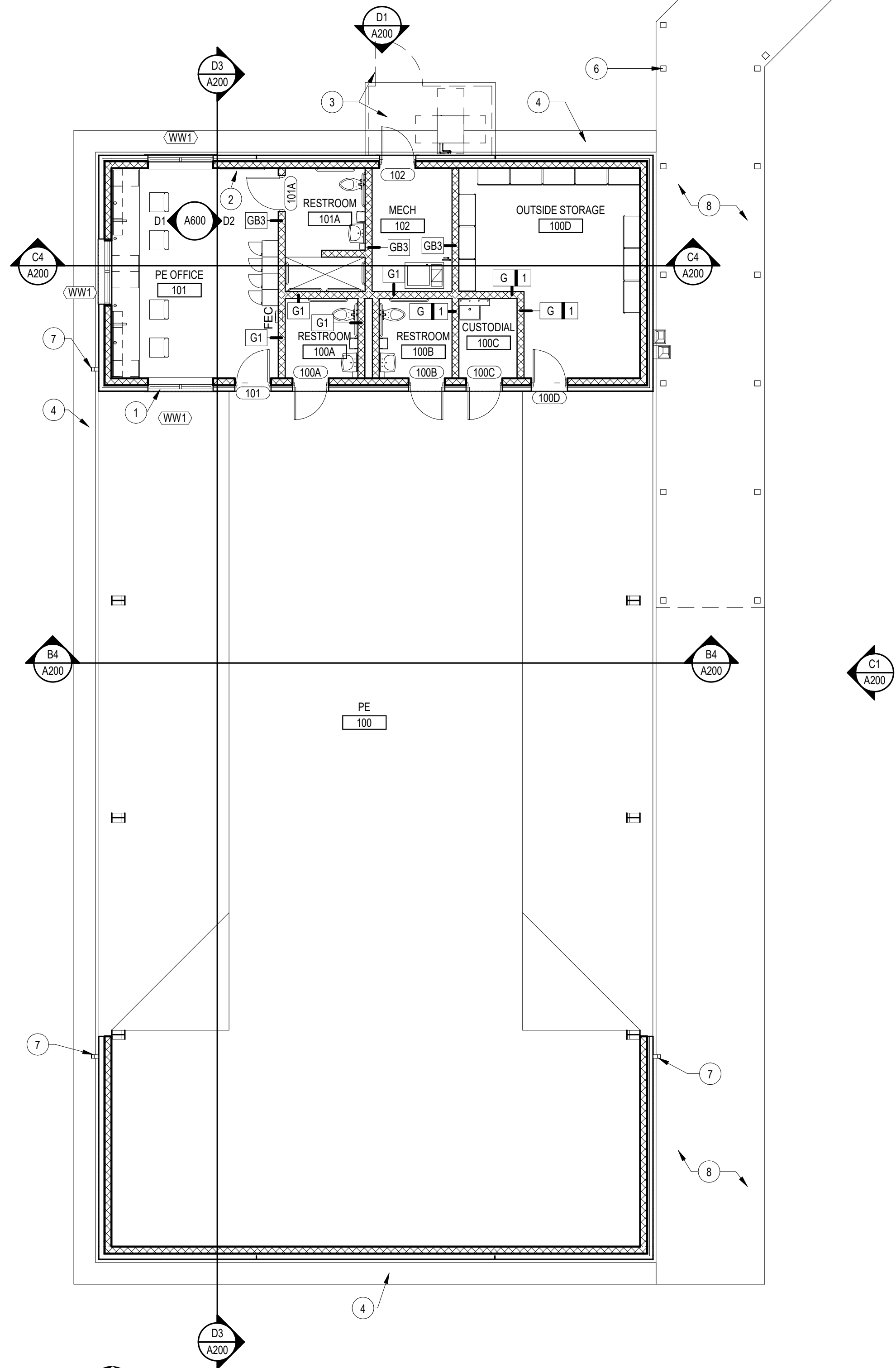
FIRE EXTINGUISHER (CABINET)  
REFER TO SPECIFICATIONS

PLAN GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
2. ALL DIMENSIONS ARE FROM FACE OF STUD OR CMU UNLESS NOTED OTHERWISE.
3. REFER TO LIFE SAFETY PLAN AND FOR FIRE RATED AND SMOKE RATED WALL LOCATIONS.
4. REFER TO SHEET A001 FOR WALL TYPE ASSEMBLIES.
5. REFER TO FINISH PLAN AND FINISH SCHEDULE ON SHEET A102 FOR SURFACE FINISHES.
6. REFER TO SHEET A600 FOR DOOR AND WINDOW SCHEDULES.
7. REFER TO ENLARGED PLANS FOR ADDITIONAL INTERIOR ELEVATION TAGS AND ADDITIONAL DIMENSIONS.
8. PROVIDE SPECIAL CMU AND BRICK SHAPES AS REQUIRED BY DETAILS AND TO PROVIDE FINISHED/FACTORY MASONRY EDGES AT OPENINGS. CUT CMU AND BRICK MASONRY AS REQUIRED.
9. REFER TO STRUCTURAL DRAWINGS FOR BRACING LOCATIONS, INFILL/SLOPE FRAMING AND TYPICAL CONSTRUCTION AS REQUIRED.
10. SEE SITE PLAN FOR SIDEWALKS, FENCING, ETC.
11. REFERENCE DETAIL D5 ON SHEET A400 FOR TYPICAL INTERIOR DOOR INSTALL FOR DOORS NEAR SIDE WALLS.

PLAN SHEET NOTES

1. WIRE MESH WINDOW PROTECTION , SEE SPECIFICATIONS.
2. 4'-0" W x 4'-0" H MARKER BOARD.
3. 4" THICK CONCRETE PAD W/ 8"X8" TURN DOWN EDGE W/ 2-#5 CONT. 6' HIGH CHAIN LINK FENCE, 3' WIDE SING GATES WHERE SHOWN. SIDEWALK STEPS DOWN 2" AT MECHANICAL ROOM.
4. 24" WIDE X 4" THICK CONCRETE MOW STRIP, 8" TURN DOWN EDGE
5. SIDEWALK CONTROL JOINT, TYP.
6. PRE-ENGINEERED ALUMINUM WALKWAY COVER, SEE DETAILS AND SPECS FOR MORE INFORMATION
7. DOWNSPOUT WITH BOOT TO UNDERGROUND DRAIN
8. 4" THICK CONCRETE SIDEWALK W/ MIN. 8"X8" TURN DOWN EDGE W/ 2-#5 CONT. PROVIDE MIN. 24" X 24" X 24" FOOTINGS, AT WALKWAY COVER COLUMNS, CONFIRM FINAL SIZE WITH MANUFACTURER/ENGINEER



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**A1** FIRST FLOOR PLAN  
1/8" = 1'-0"



**A4** FIRST FLOOR DIMENSION PLAN  
1/8" = 1'-0"



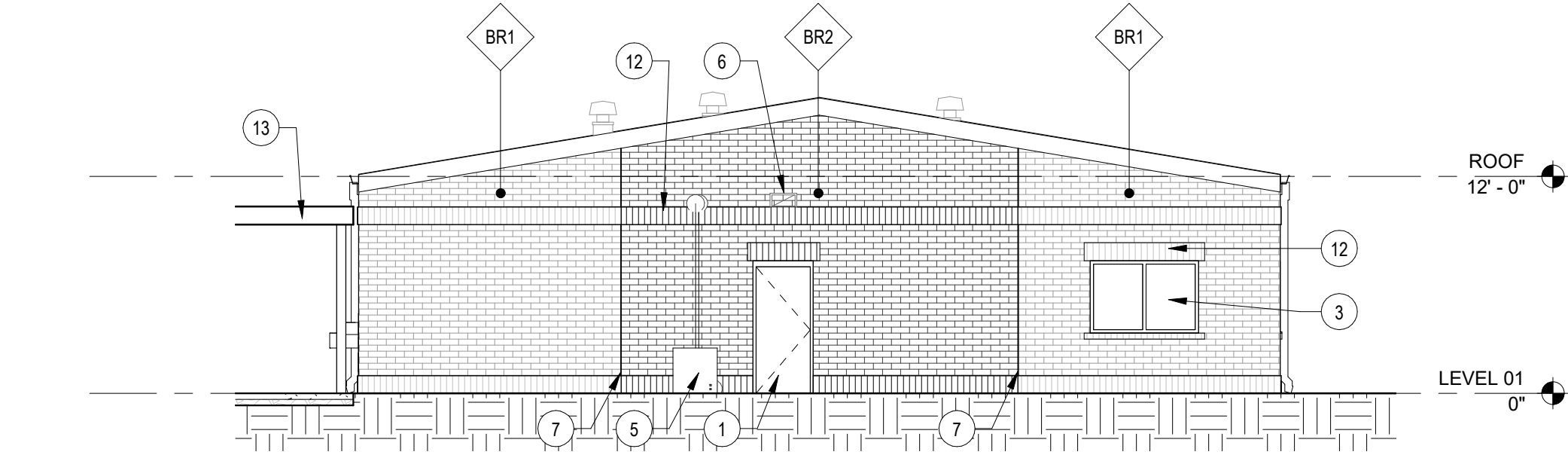
REVISIONS:		
No.	Description	Date

FLOOR PLAN & DIMENSION PLAN	
Project Number	20055
Dated	September 29, 2020
Drawn By	Author
Approved By	Approver
PM	Designer

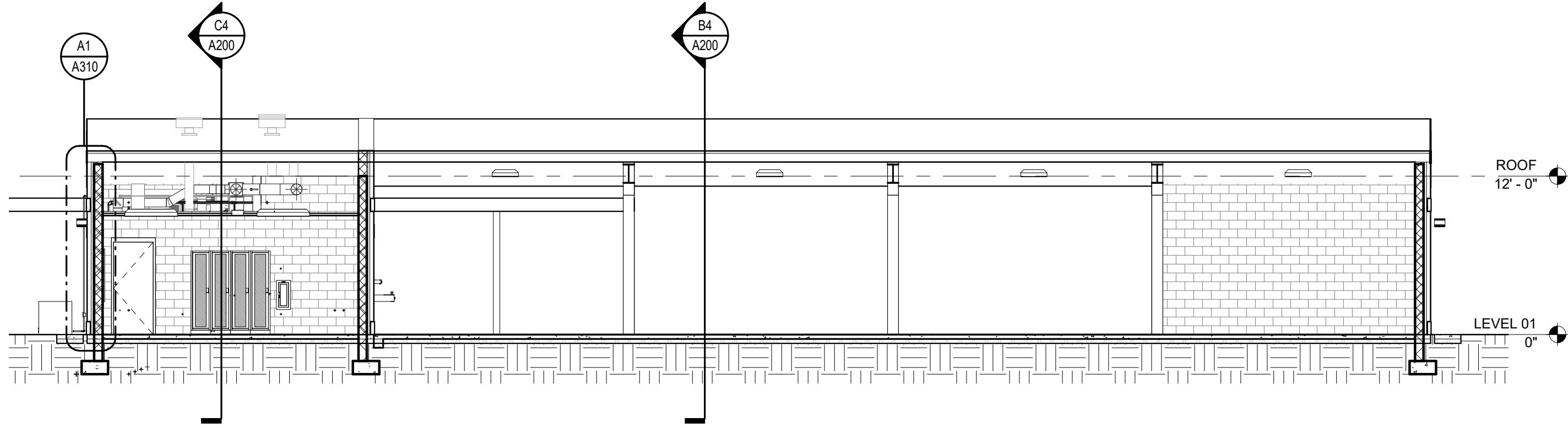
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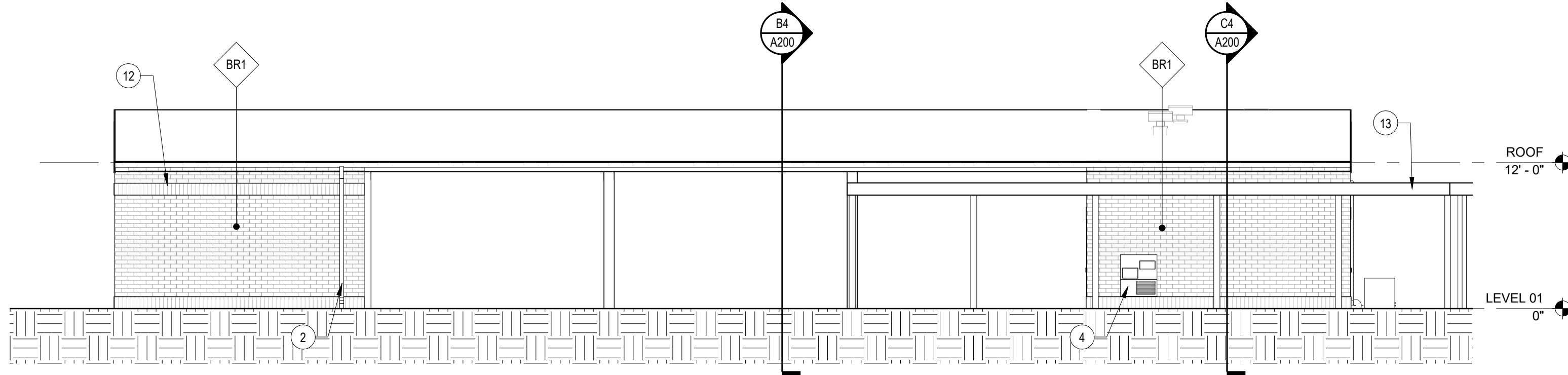
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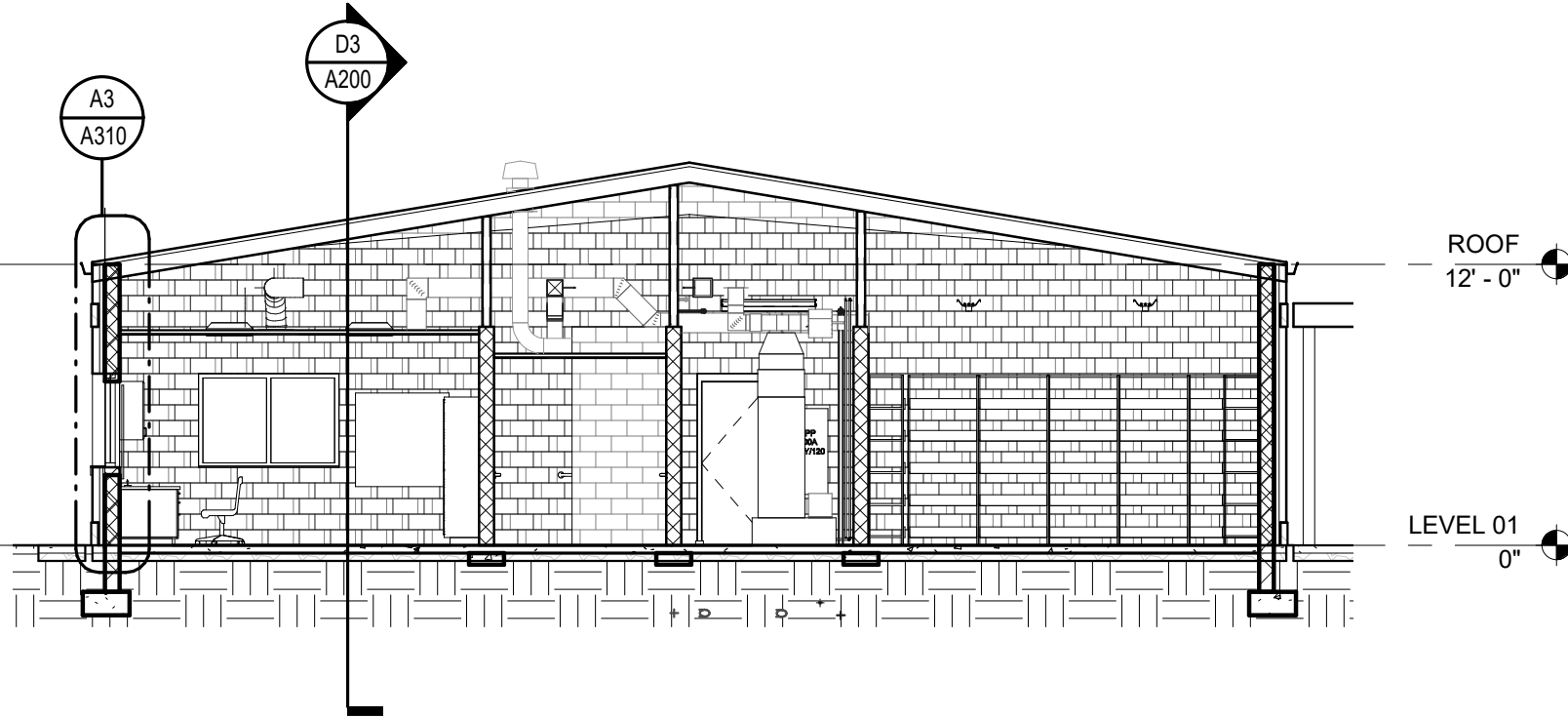
**D1** OVERALL NORTH EXTERIOR ELEVATION  
1/8" = 1'-0"



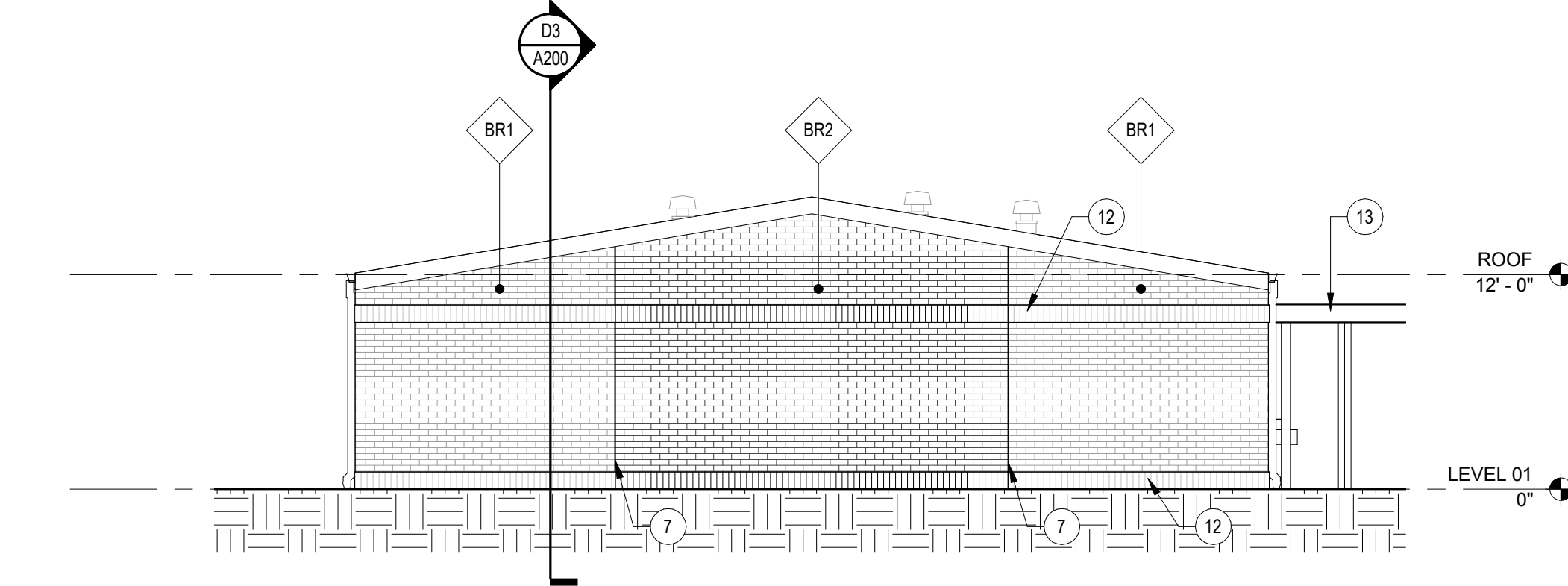
**D3** BUILDING SECTION  
1/8" = 1'-0"



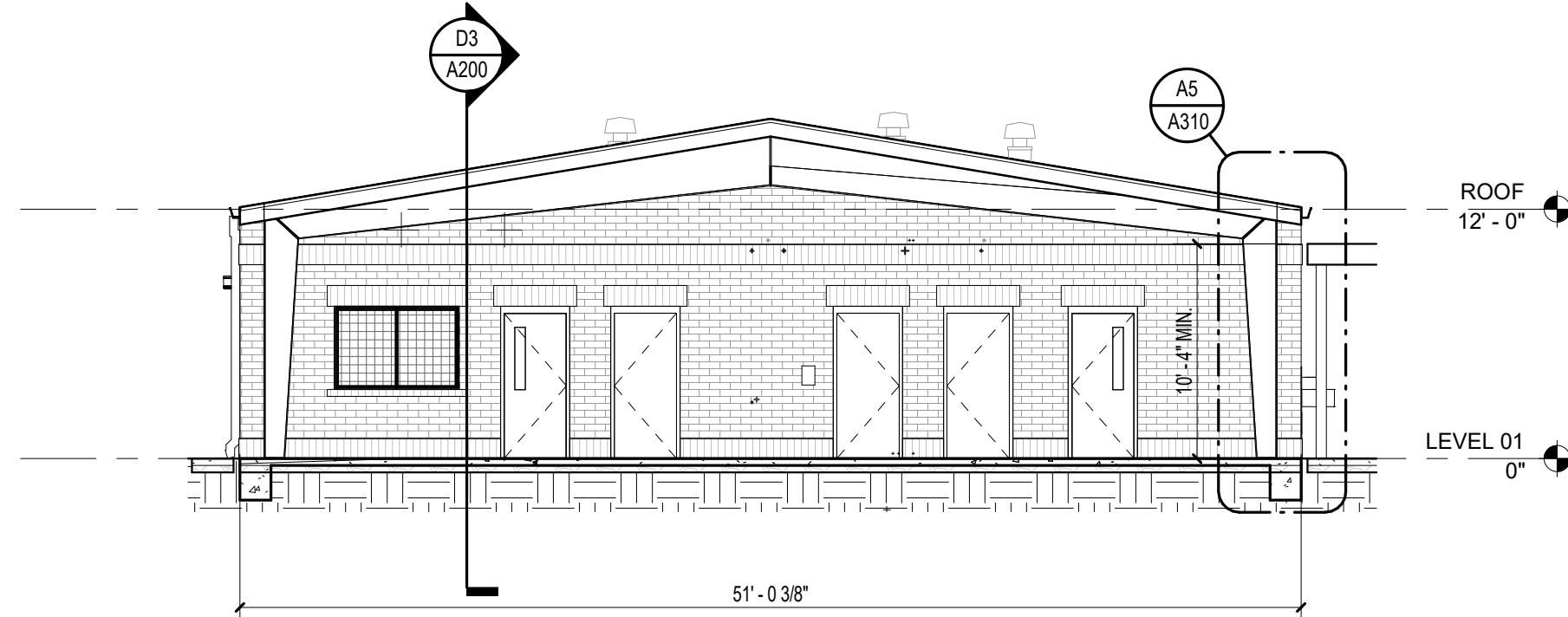
**C1** OVERALL EAST EXTERIOR ELEVATION  
1/8" = 1'-0"



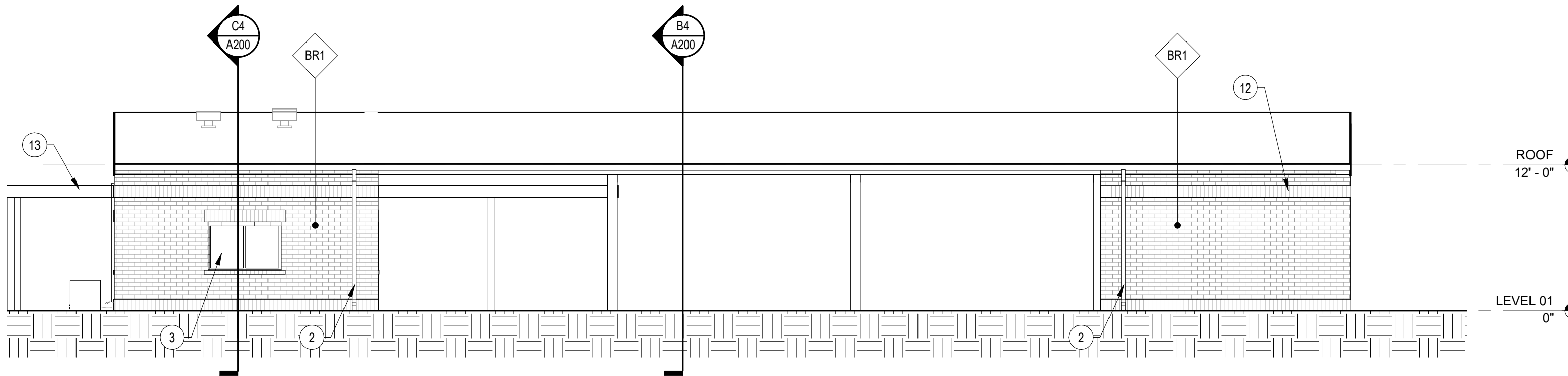
**C4** BUILDING SECTION @ OFFICE  
1/8" = 1'-0"



**B1** OVERALL SOUTH EXTERIOR ELEVATION  
1/8" = 1'-0"



**B4** BUILDING SECTION @ P.E.  
1/8" = 1'-0"



**A1** OVERALL WEST EXTERIOR ELEVATION  
1/8" = 1'-0"

### GRAPHIC LEGEND

- BRICK VENEER 1: BR-1
- BRICK VENEER 2: BR-2

### EXTERIOR ELEV. GENERAL NOTES

1. REFER TO FINISH SCHEDULE ON SHEET A102 FOR ADDITIONAL INFORMATION.
2. ITEMS NOTED ARE TYPICAL EXAMPLES. EVERY INSTANCE IS NOT NOTED/TAGGED.
3. SEE ELECTRICAL FOR EXTERIOR MOUNTED LIGHTS AND DEVICES.
4. TOP OF ALL EXTERIOR LOUVERS TO BE PLACED AT A HEIGHT OF 11'-4" AFF. UNLESS NOTED OTHERWISE.

### EXTERIOR ELEV. SHEET NOTES

1. HOLLOW METAL DOOR, TYP.
2. DOWNSPOUT W/ CAST IRON BOOT TO UNDER DRAIN SYSTEM, TYP.
3. OPERABLE ALUMINUM SLIDING WINDOW, TYP.
4. WATER FOUNTAIN, TYP. SEE PLUMBING
5. OUTDOOR MECH. EQUIPMENT, TYP., SEE SITE PLAN FOR FENCING
6. LOUVER/GRILLE, SEE MECH., MOUNT 11'-4" AFF TO TOP OF LOUVER OR GRILLE, TYP. U.N.O. REVIEW CONFLICTS WITH ARCHITECT
7. 3/8" MASONRY CONTROL JOINT, W/ BACKER ROD AND SEALANT, TYP. ALIGN WITH STRUCTURAL CONTROL JOINTS AND CHANGE IN SUBSTRATE WHERE APPLICABLE
8. BUILDING MOUNTED LIGHT, SEE ELECTRICAL
9. DOWNSPOUT TO ROOF BELOW
10. WHERE BRICK SILL INTERRUPTS SOLDIER ACCENT BAND - CUT SOLDIER BELOW SILL COURSE
11. WIRE MESH PROTECTION PANEL, SEE SPECIFICATIONS
12. BRICK SOLDIER COURSE, CORBEL 5/8"
13. PRE-ENGINEERED ALUMINUM WALKWAY COVER

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PHASE II

NOT FOR  
CONSTRUCTION

SANTA ROSA COUNTY SCHOOL DISTRICT  
COVERED PE BUILDING for  
EAST BAY K-8 SCHOOL

2535 ELKHART DRIVE, GULF BREEZE, FL 32563

### REVISIONS:

No.	Description	Date

BUILDING ELEVATIONS  
& SECTIONS

Project Number	20055
Dated	September 29, 2020
Drawn By	Author
Approved By	Approver
PM	Designer

A200

20055  
PHASE II  
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DOOR SCHEDULE																
DOOR							FRAME					FIRE RATING	IMPACT RESISTANT	HARDWARE SET	SIGN TYPE	COMMENTS
DOOR NO.	SIZE				DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	DETAILS							
	LEAFS	WIDTH	HEIGHT	THICKNESS					HEAD	JAMB	SILL					
100A		3' - 0"	7' - 0"	1 3/4"	FP	HM	1	HM	B4/A601	A4/A601		---	YES	24B		UNDERCUT
100B		3' - 0"	7' - 0"	1 3/4"	FP	HM	1	HM	B4/A601	A4/A601		---	YES	24B		UNDERCUT
100C		3' - 0"	7' - 0"	1 3/4"	FP	HM	1	HM	B4/A601	A4/A601		---	YES	04		UNDERCUT
100D		3' - 0"	7' - 0"	1 3/4"	NV	HM	1	HM	B4/A601	A4/A601		---	YES	21		
101		3' - 0"	7' - 0"	1 3/4"	NV	HM	1	HM	B4/A601	A4/A601		---	YES	03		
101A		3' - 0"	7' - 0"	1 3/4"	FP	HM	1	HM	B3/A601	A3/A601		---	NO	24A		
102		3' - 0"	7' - 0"	1 3/4"	FP	HM	2	HM	B4/A601	A4/A601		---	YES	04		

GENERAL NOTES

- MATERIAL ABBREVIATIONS:  
HM = HOLLOW METAL (ALL HOLLOW METAL DOORS AND FRAMES IN EXTERIOR LOCATIONS TO BE GALVANIZED)  
STL= STEEL  
ALUM= ALUMINUM  
SCWD = SOLID CORE WOOD DOOR  
SF = ALUMINUM STOREFRONT  
GLASS FOR INTERIOR DOORS AND SIDELITES SHALL BE CLEAR TEMPERED, U.N.O. SEE ADDITIONAL NOTES BELOW.
- GLASS TYPE ABBREVIATIONS; REFER TO SPECIFICATIONS FOR DEFINITIONS:  
TG = TEMPERED GLASS  
FRG = FIRE RATED GLASS  
LG = LAMINATED GLASS  
XS = INSULATED LAMINATED GLASS, TINTED  
FT = FROSTED GLASS, TEMPERED
- UNLESS NOTED OTHERWISE ALL DOORS ARE 1-3/4" THICK. SEE DOOR HARDWARE SPECIFICATIONS FOR HARDWARE LOCKSET SCHEDULE.
- EXTERIOR DOORS AND FRAMES TO MEET WIND LOAD REQUIREMENTS OF THE PROJECT.
- EXTERIOR DOORS, FRAMES, GLASS, SIDELITES & LIGHT KITS TO BE LARGE MISSILE IMPACT RATED.
- AT ALL INTERIOR DOORS FROM CORRIDORS AND HUB, GLASS IN DOOR, SIDELITES, TRANSOMS & LIGHT KITS TO BE LAMINATED GLASS.
- AT ALL FIRE RATED DOORS PROVIDE FIRE RATED GLAZING WITH MARKINGS AS REQUIRED.
- HOLLOW METAL EXTERIOR DOORS AND FRAMES ARE TO BE PAINTED GALVANIZED HOLLOW METAL.
- GROUT EXTERIOR DOOR FRAMES AT CMU WALLS.
- DOORS AND FRAMES AT FIRE RATED WALLS SHALL BE FIRE RATED WHETHER INDICATED OR NOT.
- AT EXTERIOR DOORS, INSTALL SHEATHING & FLASHING PRIOR TO INSTALLING JAMB ANCHORS.



ARCHITECTS

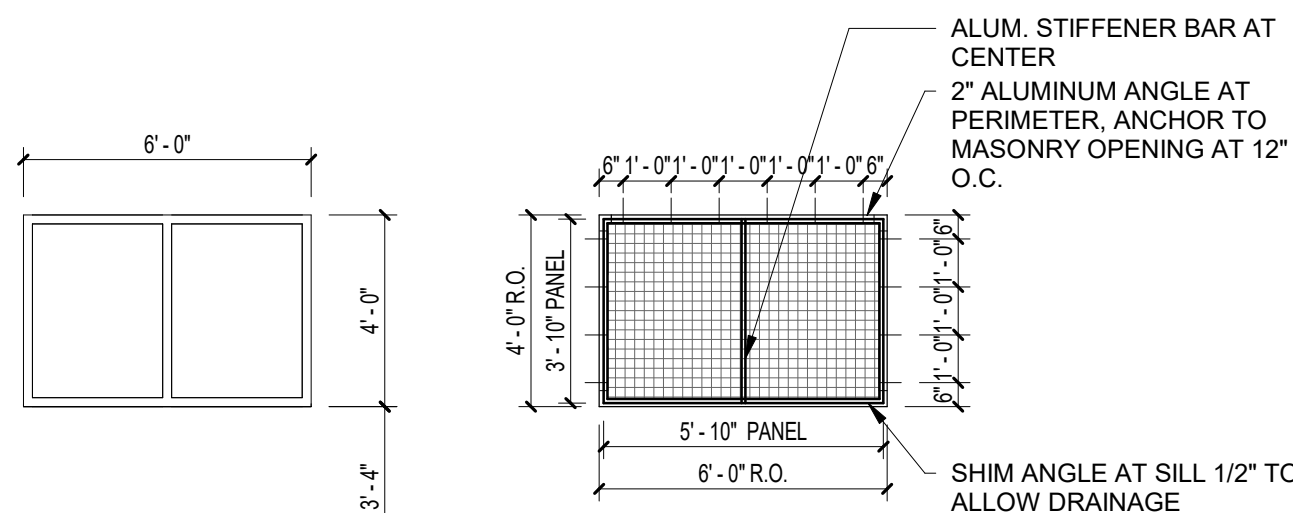
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D1 West Office Elevation  
1/4" = 1'-0"

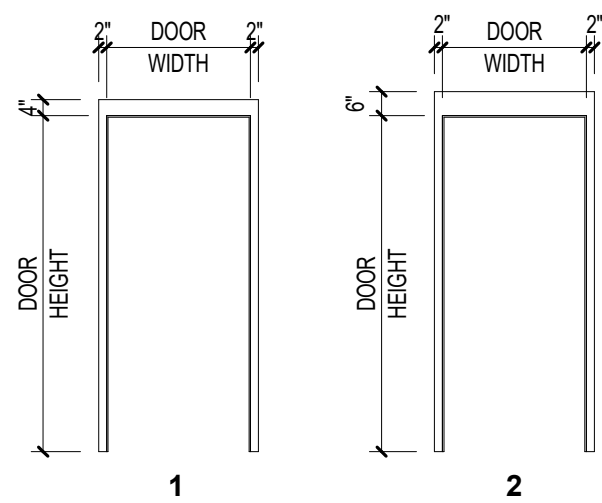
D2 East Office Elevation  
1/4" = 1'-0"



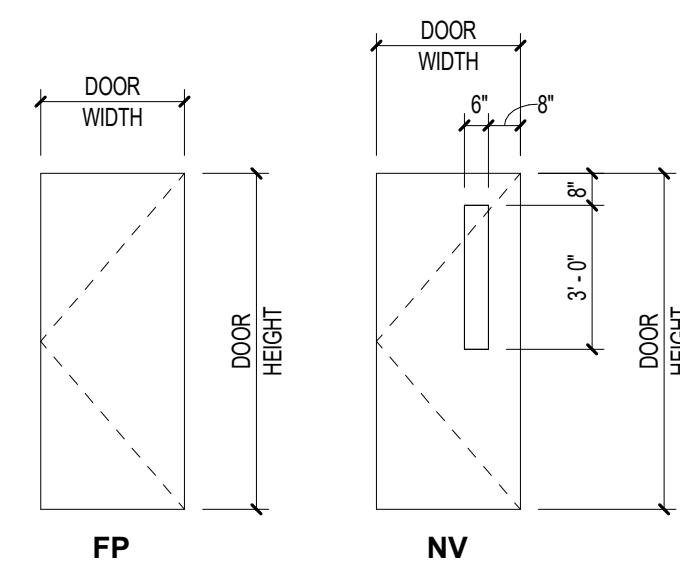
WW1  
ALUMINUM SLIDING WINDOW

WMP1  
WIRE MESH PANEL  
WINDOW PROTECTION

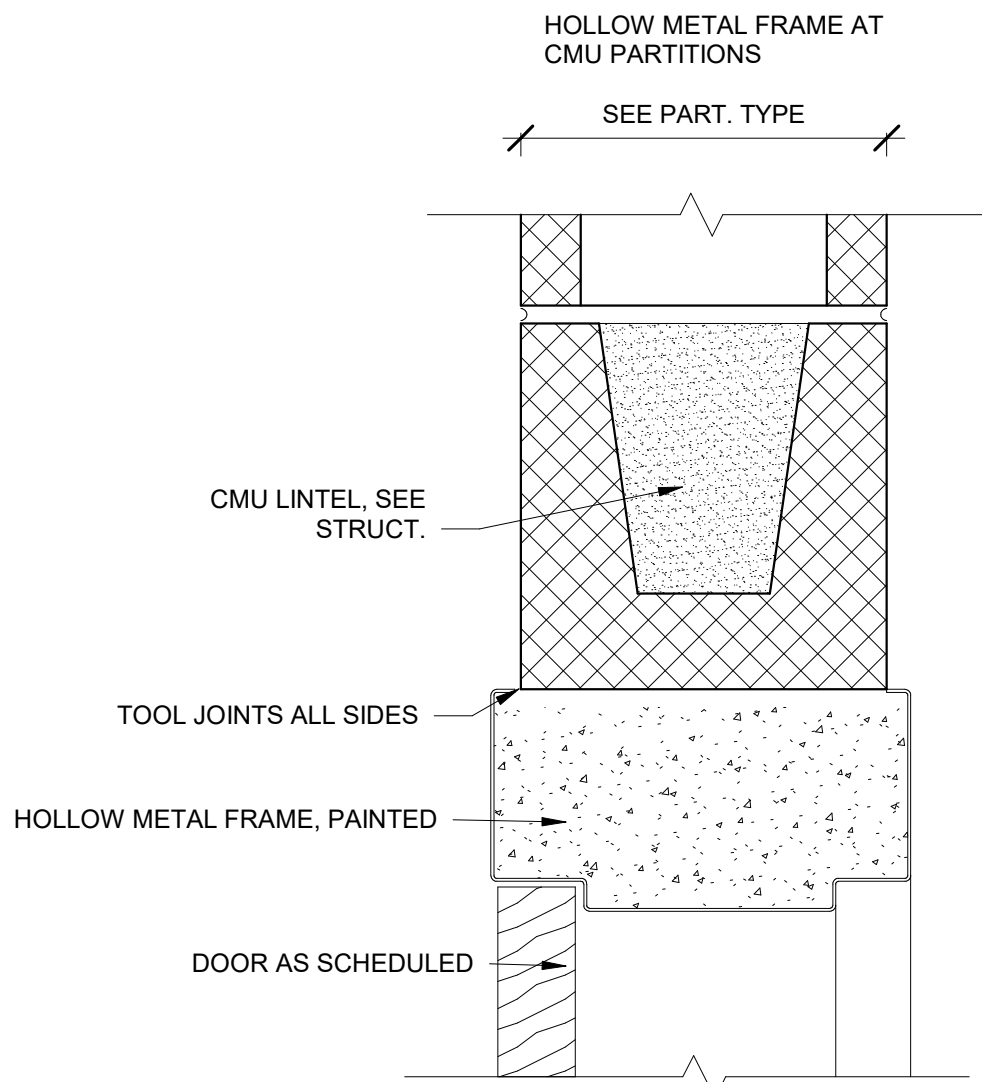
WINDOW TYPES  
1/4" = 1'-0"



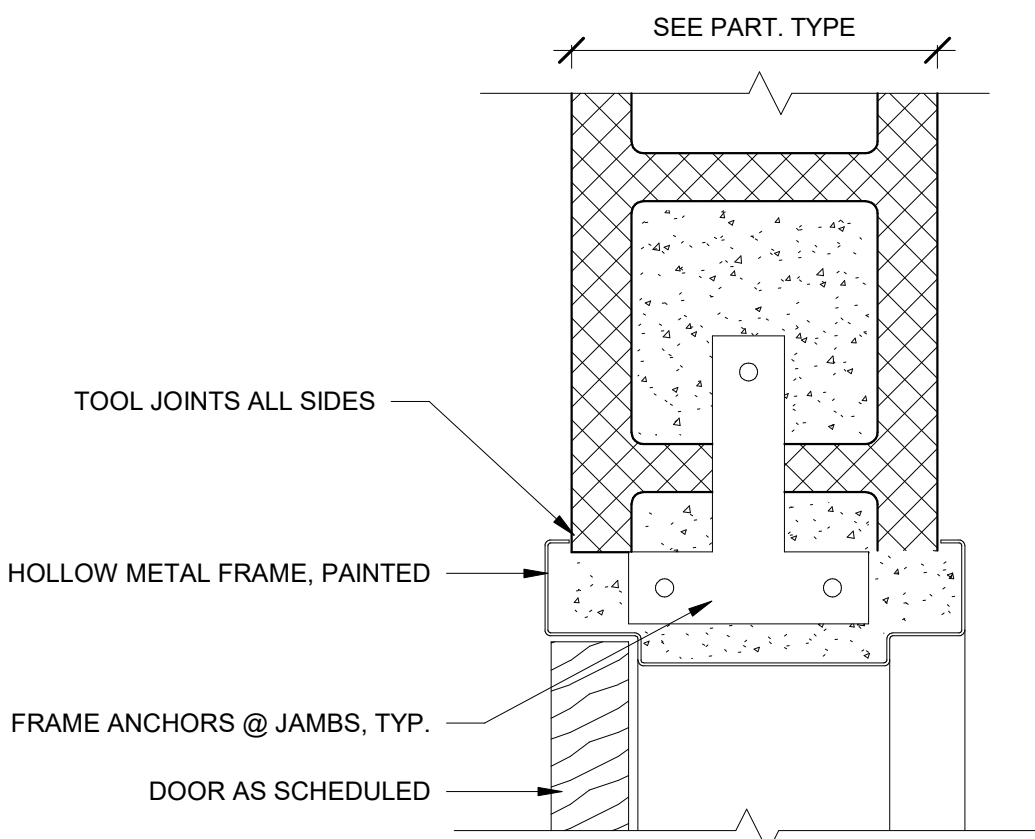
HM FRAME TYPES  
1/4" = 1'-0"



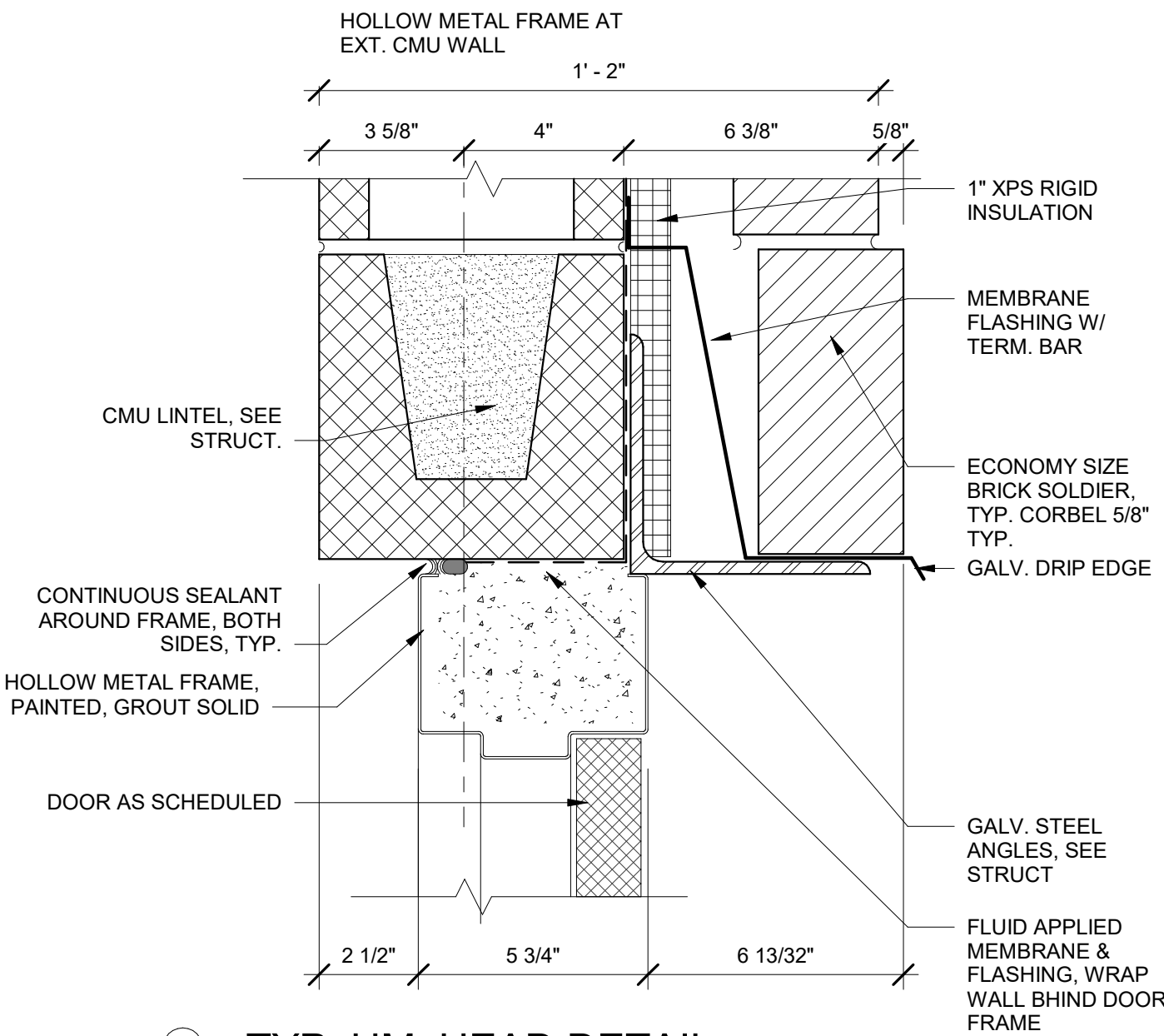
DOOR TYPES  
1/4" = 1'-0"



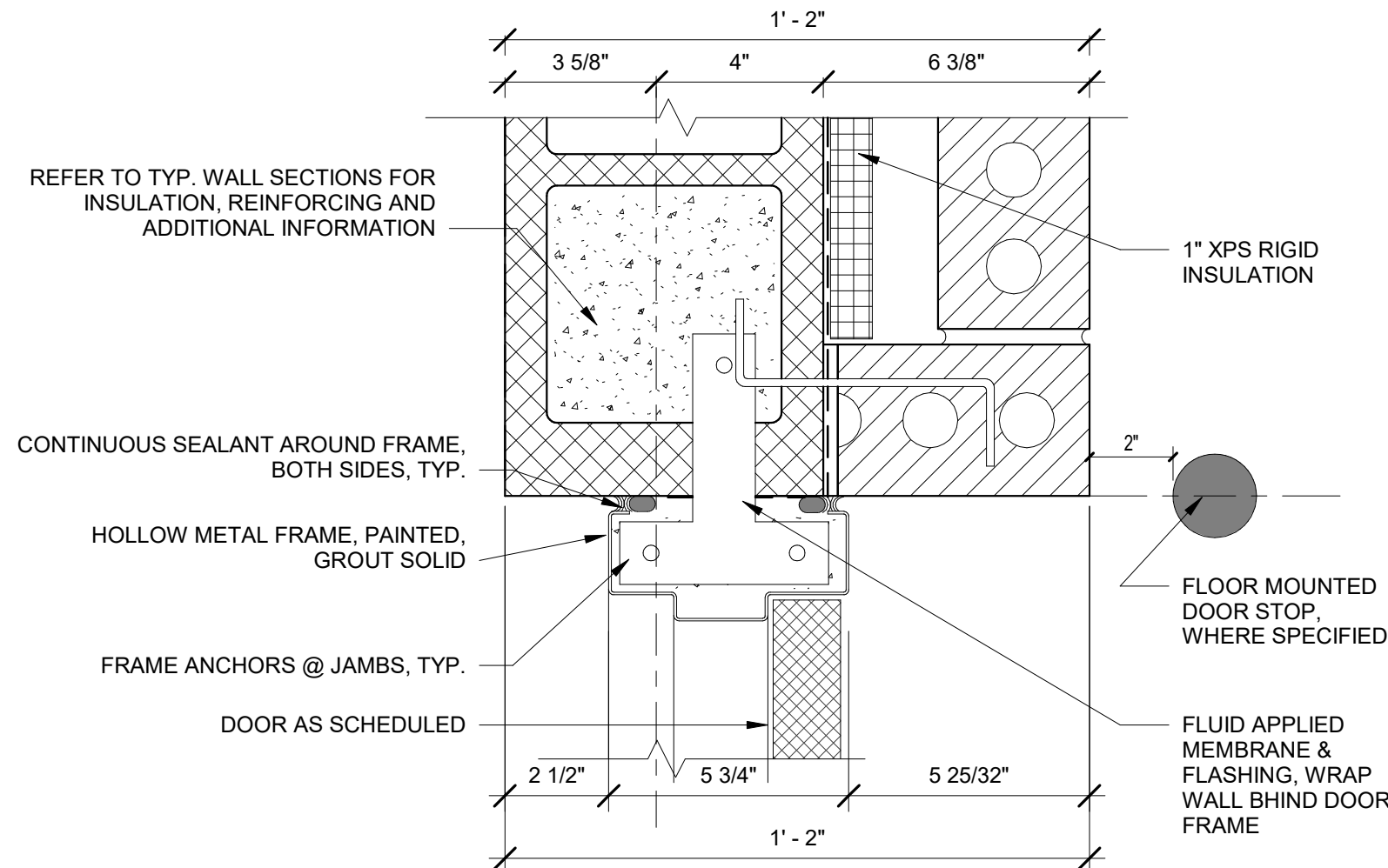
B3 TYP. HM HEAD DETAIL



A3 TYP. HM JAMB DETAIL



B4 TYP. HM HEAD DETAIL



A4 TYP. HM JAMB DETAIL

SANTA ROSA COUNTY SCHOOL DISTRICT  
COVERED PE BUILDING for  
EAST BAY K-8 SCHOOL

2535 ELKHART DRIVE, GULF BREEZE, FL 32563

REVISIONS:		
No.	Description	Date

DOOR AND FRAME  
SCHEDULE

Project Number	20055
Dated	September 29, 2020
Drawn By	Author
Approved By	Approver
PM	Designer

A600



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PURSUANT TO FLORIDA STATUTES, SECTION 588.0035, AN INDIVIDUAL EMPLOYEE OR AGENT MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

PLUMBING FIXTURE SCHEDULE								
MARK	FIXTURE				CONNECTIONS			
	FIXTURE NAME	TYPE	BASIS OF DESIGN	DESCRIPTION	WASTE	VENT	CW	HW
					IN	IN	IN	IN
P-1	WATER CLOSET	FLOOR MOUNT	AMERICAN STANDARD	ELONGATED RIM, VITREOUS CHINA, FLUSH TANK, TOP SPUD, 15" RIM HEIGHT, WHITE OPEN FRONT TOILET SEAT COVER WITH STAINLESS STEEL CHECK HINGES.	3	1 1/2	1	-
			AMERICAN STANDARD	1.28 GPF, MANUAL FLUSH TANK, NON-HOLD OPEN NO LEAK HANDLE, ADJUSTABLE TAIL PIECE, INTERNAL SIPHON GUARD PROTECTION, SELF CLEANING, CHROME PLATED.				
P-2	LAVATORY	WALL MOUNT	ZURN	20"x18", VITREOUS CHINA, FRONT OVERFLOW, SELF DRAINING DECK WITH BACK SPLASH, 4" CENTER FACUET HOLES. PROVIDE WITH CONCEALED ARM CARRIER.	2	1 1/4	1/2	1/2
			ZURN	0.5 GPM, CHROME PLATED, FAUCET WITH INTEGRAL SHANKS, QUARTER TURN DISC CARTRIDGES, 4" SPOUT, VANDAL RESISTANT, COLOR CODED METAL LEVER HANDLES. PROVIDE WITH ADA PROTECTORS FOR STOPS AND TRAP.				
P-3	SHOWER	-	-	REFER TO ARCHITECTURE FOR SHOWER WALLS AND FLOOR.	-	-	1/2	1/2
			AMERICAN STANDARD	1.5 GPM SHOWER HEAD, SINGLE METEL LEVER HANDLE PRESSURE BALANCE MIXING VALVE WITH CAST BRASS BODY AND BUILT IN REVERSE CONNECTION CAPABILITY, CHROME FINISH.				
P-4	MOP SINK	-	FIAT	24"x24"x12" SERVICE BASIN, MOLDED HIGH DENSITY, S.S. STRAINER, S.S. BUMPER GUARD ON ALL CURBS AND THRESHOLD, 6" THRESHOLD.	3	1 1/2	1/2	1/2
			ZURN	CHROME PLATED, ADJUSTABLE WALL BRACE, PAIL HOOK, FOUR ARM HANDLES, HOSE THREADED SPOUT.				
P-5	DRINKING FOUNTAIN	-	HAWS	FREEZE RESISTANT, BARRIER FREE, OUTDOOR DRINKING FOUNTAIN, SELF CONTAINED, WALL HUNG, VANDAL RESISTANT, PUSH BUTTON, LEAD FREE, GALVANIZED STEEL FRAME WITH STAINLESS STEEL TOP, HEAVY DUTY BUBBLER. PROVIDE WITH CONCEALED WALL SUPPORT. PROVIDE WITH PNEUMATIC OPERATED FREEZE RESISTANT VALVE MOUNTED IN MFR. CABINET. CABINET SHALL BE MOUNTED SUCH THAT FACE OF CABINET IS FLUSH WITH INTERIOR FACE OF WALL.	1 1/2	1 1/4	1/2	-
P-6	BOTTLE FILLER	-	HAWS	FREEZE RESISTANT, BARRIER FREE, OUTDOOR BOTTLE FILLER, SELF CONTAINED, WALL HUNG, VANDAL RESISTANT, PUSH BUTTON, LEAD FREE. PROVIDE WITH CONCEALED WALL SUPPORT. PROVIDE BOTTLE FILLER THAT CAN BE MOUNTED OVER PROVIDED DRINKING FOUNTAIN. PROVIDE WITH PNEUMATIC OPERATED FREEZE RESISTANT VALVE MOUNTED IN MFR. CABINET. CABINET SHALL BE MOUNTED SUCH THAT FACE OF CABINET IS FLUSH WITH INTERIOR FACE OF WALL.	1 1/2	1 1/4	1/2	-
FD	FLOOR DRAIN	-	ZURN	CAST IRON BODY, BOTTOM OUTLET, INVERTIBLE MEMBRANE CLAMP, ADJUSTABLE COLLAR, NICKEL BRONZE STRAINER, TRAP PRIMER CONNECTION.	3	1 1/2	1/2	-
SD	SHOWER DRAIN	-	ZURN	CAST IRON BODY, BOTTOM OUTLET, INVERTIBLE MEMBRANE CLAMP, ADJUSTABLE COLLAR, NICKEL BRONZE STRAINER, TRAP PRIMER CONNECTION.	2	1 1/2	1/2	-
HB	HOSE BIBB	-	WOODFORD	ANTI SIPHON, VACUUM BREAKER, CHROME FINISH.	-	-	3/4	-
WH	WALL HYDRANT	-	WOODFORD	AUTOMATIC DRAINING, FREEZELESS, WITH HOSE CONNECTION, ANTI SIPHON VACUUM BREAKER, FLUSH MOUNTED BOX AND DOOR, LOOSE KEY OPERATED, CHROME FINISH.	-	-	3/4	-
MV	MIXING VALVE	-	LEONARD	THERMOSTATIC, 1 GPM MIN. FLOW, WITH DIAL THERMOMETER, ADJUSTABLE HIGH TEMPERATURE LIMIT, 125 PSI OPERATING PRESSURE.	-	-	-	-

NOTES:

1. WATER SUPPLY TAPPING TO EACH FIXTURE SHALL BE FULL SIZE.
2. PROVIDE WATER HAMMER ARRESTORS ON HOT & COLD WATER SUPPLY BRANCHES SERVING SINGULAR, MULTIPLE OR GROUPS OF PLUMBING FIXTURES. ADHERENCE TO THE PLUMBING AND DRAINAGE INSTITUTE STANDARD P.D.I.-WH201 (PER SPECIFICATIONS) SHALL BE EMPLOYED IN DETERMINING PROPER SIZE, SELECTION, PLACEMENT, LOCATION AND INSTALLATION OF ARRESTORS.
3. MOUNT PLUMBING FIXTURES LABELED "ADA" IN ACCORDANCE WITH ADA REQUIREMENTS. COORDINATE WITH ARCHITECTURAL DRAWINGS.
4. SEE ARCHITECTURAL FOR FIXTURE MOUNTING HEIGHTS.
5. PROVIDE FIXTURES WITH ALL APPURTENANCES AS NECESSARY FOR A COMPLETE INSTALLATION. (I.E. STOPS, FLEXIBLE CONNECTORS, ETC.)
6. VENT SIZE INDICATED IN SCHEDULE IS FOR INDIVIDUAL FIXTURE VENTING. SEE PLANS FOR VENT PIPE SIZES.

DOMESTIC WATER HEATING SCHEDULE									
MARK	LOCATION	TYPE	STORAGE CAPACITY	RECOVERY @ 80°F RISE	RELIEF VALVE SETTING	NO OF ELEMENTS	ELECTRICAL INPUT		
			GAL	GAL/H	PSIG		TOTAL KW	FLA	VOLT/PH/FREQ
EWH-1	CUSTODIAL	ELECTRIC	20	30	100	1	6	28.8	208/3/60

NOTES:

1. EWH SHALL MEET THE STANDBY LOSS REQUIREMENTS OF THE U.S. DEPARTMENT OF ENERGY AND CURRENT EDITION OF ASHRAE/IESNA 90.1.
2. VESSEL SHALL BE CONSTRUCTED TO SECTION IV OF THE ASME CODE FOR 150 PSIG WORKING PRESSURE AND GLASS-LINED WITH ANODIC PROTECTION ENTIRE VESSEL AND ELECTRICAL CONTROLS SHALL BE ENCASED IN A RECTANGULAR SHEET METAL ENCLOSURE WITH BAKED ENAMEL FINISH.
3. PROVIDE MAGNETIC CONTACTOR AND HEATING ELEMENT CIRCUIT PROTECTION. PROVIDE WITH A MASTER PILOT SWITCH AND ELECTRONIC LOW WATER CUTOFF.
3. PROVIDE WITH FACTORY INSTALLED TERMINAL BLOCK, FUSING TO PROTECT ALL ELEMENTS, THERMOSTATS, AND WIRING.
4. THERMOSTATIC CONTROL SHALL BE IN STAGES THROUGH MODULATING STEP CONTROL. UNIT SHALL BE PREWIRED TO SOLDERLESS TERMINAL LUGS, FACTORY TESTED, COMPLETE WITH A CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE.
5. UNIT SHALL BEAR THE UNDERWRITERS' LABORATORIES LABEL AND MEET ASME CERTIFICATION. PROVIDE UNIT WITH A MINIMUM OF 3 YEAR WARRANTY.
6. PROVIDE PRE-CHARGED EXPANSION TANK (FLEXIBLE DIAPHRAGM TYPE) ON CW INLET PER MFR RECOMMENDATIONS.
7. PROVIDE UNIT MOUNTED DISCONNECT SWITCH.
8. ROUTE T&P BLOW-OFF PIPING TO DRAIN PAN. ROUTE PIPING FROM DRAIN TO MOP SINK BELOW.
9. BASIS OF DESIGN IS A.O. SMITH DEL.

WATER HAMMER ARRESTOR SCHEDULE				
P.D.I. SIZE	FIXTURE UNITS	SIZE	TYPE/MODEL NUMBER (WROUGHT COPPER SHELL)	NOTES
A	1-11	1/2"	75001-S	1,2
B	12-32	3/4"	75002-S	1,2
C	33-60	1"	75003-S	1,2

NOTES:

1. REPRESENTS PLUMBING AND DRAINAGE INSTITUTE "STANDARD P.D.I.-WH201".
2. REPRESENTS ARRESTOR TYPE AND ASSOCIATED MODEL NUMBER DERIVED FROM JOSAM CO. (SHOCK ABSORBERS, WROUGHT COPPER SHELL) AND IS USED AS A STANDARD FOR HELPING DETERMINE PROPER SELECTION FROM OTHER MANUFACTURERS EQUALLY COMPETENT IN THE FABRICATION OF AND USING THE SIZING METHOD ESTABLISHED IN ACCORDANCE WITH PLUMBING DRAINAGE INSTITUTE (P.D.I.).



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CONSTRUCTION

SANTA ROSA COUNTY SCHOOL DISTRICT  
COVERED PE BUILDING for  
EAST BAY K-8 SCHOOL

2535 ELKHART DRIVE, GULF BREEZE, FL 32563



FLORIDA LICENSE NUMBER 05371  
901 W. Garden St. Pensacola, FL 32502  
P: 850-438-0050 F: 850-432-8631  
WILLIAM JOSEPH JONES P.E.  
FLORIDA LICENSE NUMBER 58080  
SCG PROJECT: 2020-133

REVISIONS:

No.	Description	Date

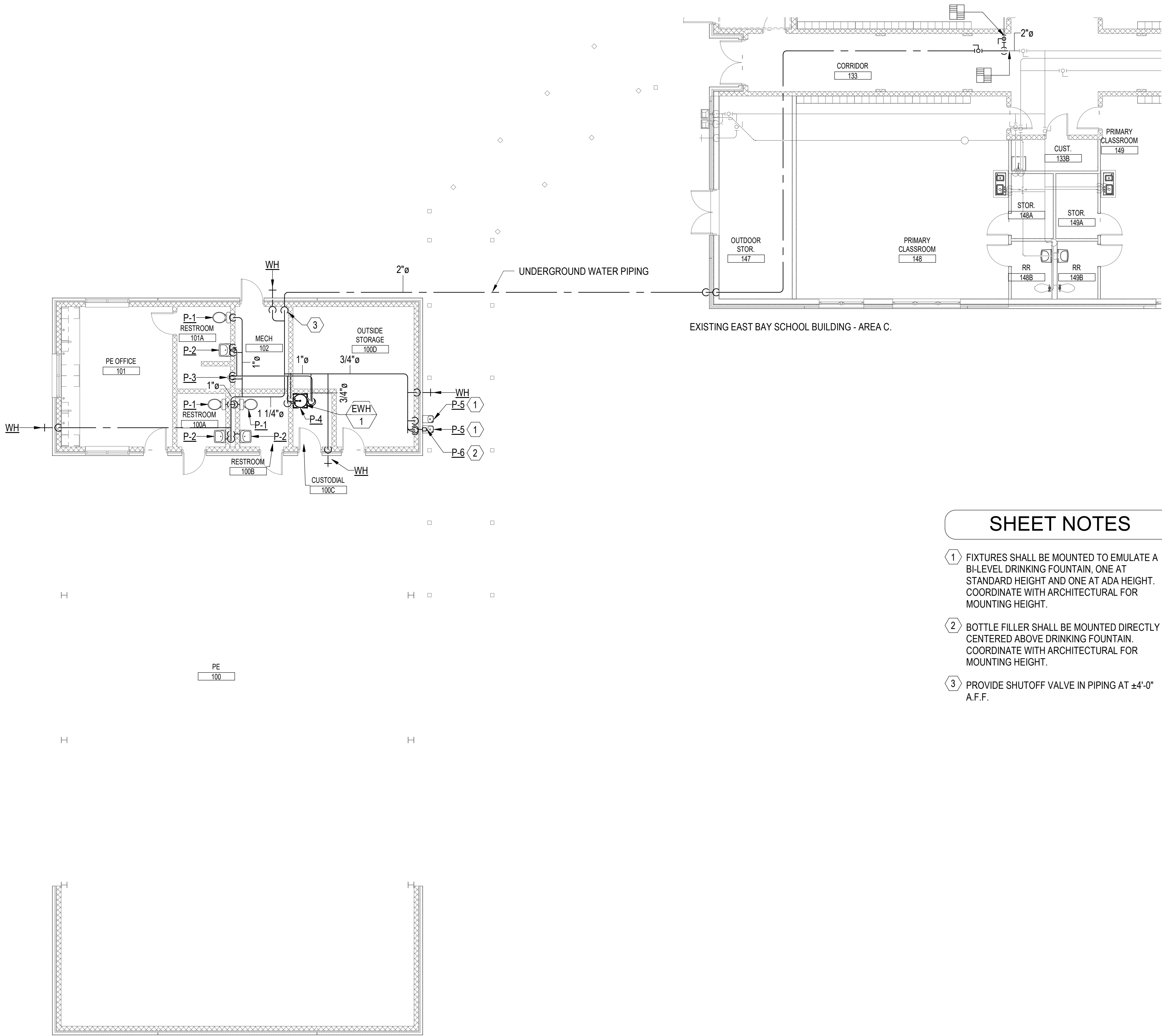
PLUMBING SCHEDULES

Project Number	20055
Dated	September 29, 2020
Drawn By	RJP
Approved By	WJJ
PM	WJJ

P002

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### SHEET NOTES

- 1 FIXTURES SHALL BE MOUNTED TO EMULATE A BI-LEVEL DRINKING FOUNTAIN, ONE AT STANDARD HEIGHT AND ONE AT ADA HEIGHT. COORDINATE WITH ARCHITECTURAL FOR MOUNTING HEIGHT.
- 2 BOTTLE FILLER SHALL BE MOUNTED DIRECTLY CENTERED ABOVE DRINKING FOUNTAIN. COORDINATE WITH ARCHITECTURAL FOR MOUNTING HEIGHT.
- 3 PROVIDE SHUTOFF VALVE IN PIPING AT ±4'-0" A.F.F.

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SANTA ROSA COUNTY SCHOOL DISTRICT  
COVERED PE BUILDING for  
EAST BAY K-8 SCHOOL

2535 ELKHART DRIVE, GULF BREEZE, FL 32563

**SCHMIDT**  
CONSULTING GROUP, INC.

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WILLIAM JOSEPH JONES P.E.  
FLORIDA LICENSE NUMBER 58080  
SCG PROJECT: 2020-133

#### REVISIONS:

No.	Description	Date

DOMESTIC WATER  
FLOOR PLAN

Project Number	20055
Dated	September 29, 2020
Drawn By	RJP
Approved By	WJJ
PM	WJJ

P102

20055  
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DX SPLIT SYSTEM AIR HANDLING UNIT SCHEDULE																																
EVAPORATOR																				CONDENSING								ELECTRICAL				
MARK	ARIFLOW (CFM)	OA (CFM)	ESP (IN W.C)	COIL COOLING PERFORMANCE								COIL HEATING PERFORMANCE				BLOWER MOTOR HP	BLOWER MOTOR FLA	UNIT MCA	HEATER KW (NOTE 5)	MARK	AMBIENT TEMP.			COMPRESSOR		FAN						
				EAT		LAT		TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	LATENT CAPACITY (MBH)	MAX. FACE VEL. (FPM)	SEER (MIN.)	EAT	LAT	TOTAL CAPACITY (MBH)						COP (MIN.)	SUMMER						WINTER				
				DB (DEG F)	WB (DEG F)	DB (DEG F)	WB (DEG F)						DB (DEG F)	DB (DEG F)								DB (DEG F)	WB (DEG F)	QTY.	RLA (EA.)	QTY.	FLA (EA.)	VOLT	PH	FREQ.	MCA	
AH-1	925	115	0.5	74.5	61.9	51.5	50.0	31.2	23.3	7.9	500	14	66.9	85.0	18.7	3.3	1/20	2.60	3.0	5.3	HPU-1	93.0	81.0	30.0	1	14.1	1	0.64	208	1	60	18

AHU NOTES:

1. EXTERNAL STATIC PRESSURE (ESP) DOES NOT INCLUDE PRESURE DROP THROUGH COILS, DUCT HEATER OR FILTERS.

2. INSTALL UNIT IN STRICT ACCORDANCE WITH THE MFR'S PRINTED INSTRUCTIONS AND APPLICABLE CODES AND STANDARDS.

3. PROVIDE 5-YEAR MANUFACTURER'S WARRANTY.

4. PROVIDE FACTORY MOUNTED FIRE STATS TO SHUT UNIT DOWN UPON DETECTION OF EXCESSIVE HEAT IN THE SUPPLY SIDE DISCHARGE OF UNIT.

5. PROVIDE 208v-3PH-60HZ SCR ELECTRIC DUCT HEATER.

6. COORDINATE POWER REQUIREMENTS WITH ELECTRICAL.

7. PROVIDE WITH MCDANELS LABOR SAVER FILTER HOUSING.

8. UNIT SHALL BE VERTICAL UPFLOW CONFIGURATION.
9. PROVIDE 2" PLEATED FILTER. MAXIMUM FILTER VELOCITY EQUAL TO 360 FPM.

10. PROVIDE AHU WITH HOT GAS REHEAT AND COMPLETE DEHUMIDIFICATION MODE SEQUENCE.

11. SIZE REFRIGERANT LINES AS PER MANUFACTURER'S RECOMMENDATION.

12. PROVIDE WITH MULTI-STAGE SCROLL COMPRESSOR AND LONG LINE KIT.

13. PROVIDE CORROSION PROTECTION COATING ON COILS FOR SEACOAST OPERATION.

14. PROVIDE CONCRETE PAD FOR CONDENSING UNIT MOUNTING.

15. PROVIDE UNIT WITH CONDENSER COIL GUARDS, TIME DELAY ON RESTART CONTROL, FILTER DRYER, REFRIGERANT SIGHT GLASS AUTOMATIC DEFROST CYCLE, THERMOSTAT, AND ADJUSTABLE EXPANSION VALVE.

16. BASIS OF DESIGN IS TRANE.

FAN SCHEDULE											
MARK	LOCATION	TYPE	DRIVE	PERFORMANCE DATA					ELECTRICAL DATA		
				CFM	E.S.P. (IN. W.C.)	MAX. RPM	MAX. SONES	MIN. W	VOLTS	PHASE	Hz
EF-1C	101A	CEF	DD	80	0.20	900	0.4	16	120	1	60
EF-2C	100A	CEF	DD	100	0.20	950	0.5	18	120	1	60
EF-3C	100B	CEF	DD	100	0.20	950	0.5	18	120	1	60
EF-4C	100C	CEF	DD	100	0.20	950	0.5	18	120	1	60

FAN NOTES:

1. CEF - CEILING EXHAUST FAN

2. DD - DIRECT DRIVE

3. PROVIDE FANS WITH SPEED CONTROLLER FOR AIR FLOW BALANCING. MOUNT CONTROLLER WITHIN FAN HOUSING.

4. PROVIDE FANS WITH AN INTEGRAL DISCONNECT.

5. PROVIDE WITH GRAVITY BACKDRAFT DAMPER.

6. REFER TO FIRE ALARM DRAWINGS FOR FIRE ALARM SHUTDOWN RELAYS.

7. INTERLOCK EF-1C WITH AH-1.

8. INTERLOCK EF-2,3,4C WITH OCCUPANCY SENSOR AND ELECTRIC UNIT HEATER THERMOSTAT, SET TO 78 DEG F.

9. BASIS OF DESIGN IS GREENHECK.

VENTILATOR SCHEDULE			
MARK	CFM	SP (IN W.G.)	BASIS OF DESIGN
GR-1C	80	0.01	GREENHECK FGR
GR-2C	100	0.01	GREENHECK FGR
GR-3C	100	0.01	GREENHECK FGR
GR-4C	100	0.01	GREENHECK FGR

NOTES:

1. LOW SILHOUETTE, ROOF MOUNTED.

2. PROVIDE WITH CURB, INSECT SCREEN, AND BACKDRAFT DAMPER.

3. DIMENSIONAL DATA - THROAT WIDTH x LENGTH = 8"x 8" AND CURB CAP WIDTH x LENGTH = 14"x14"

4. PROVIDE FLORIDA PRODUCT APPROVED, HIGH WIND RATED GRAVITY VENTILATOR.

ELECTRIC UNIT HEATER SCHEDULE						
MARK	HEAT KW	FAN CFM	UNIT AMPS	ELECTRICAL DATA		
				VOLTS	PHASE	Hz
EUH - 1	1.5	150	12.50	120	1	60
EUH - 2	1.5	150	12.50	120	1	60
EUH - 3	1.5	150	12.50	120	1	60

UNIT HEATER NOTES:

1. PROVIDE WITH MANUFACTURER'S CEILING MOUNTING BRACKET AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

2. PROVIDE WITH INTEGRAL THERMOSTAT, DISCONNECT, AND LOW VOLTAGE CONTROLS TRANSFORMER.

3. BASIS OF DESIGN IS QMARK EFF.

DESIGN CONDITIONS				
SUMMER WINTER	OUTSIDE		INSIDE	
	DB (DEG. F)	WB (DEG. F)	DB (DEG. F)	RH
	93	81	74	50%
	30	-	70	-

NOTES:

1. INSIDE SUMMER DESIGN TEMPERATURE IS +0/-2 DEG. F.

2. INSIDE SUMMER DESIGN RELATIVE HUMIDITY IS +10%.

3. INSIDE WINTER DESIGN TEMPERATURE IS +2/-0 DEG. F.

HEATING AND VENTILATING				
SUMMER WINTER	OUTSIDE		INSIDE	
	DB (DEG. F)	WB (DEG. F)	DB (DEG. F)	RH
	93	81	NOTE 1	-
	30	-	55	-

NOTES:

1. INSIDE SUMMER DESIGN TEMPERATURE IS 10Δ W/ AMBIENT.

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PHASE II

NOT FOR  
CONSTRUCTION

SANTA ROSA COUNTY SCHOOL DISTRICT

COVERED PE BUILDING for  
EAST BAY K-8 SCHOOL

2535 ELKHART DRIVE, GULF BREEZE, FL 32563

SCHMIDT

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WILLIAM JOSEPH JONES P.E.  
FLORIDA LICENSE NUMBER 58080  
SCG PROJECT: 2020-133

REVISIONS:

No.	Description	Date

MECHANICAL  
SCHEDULES

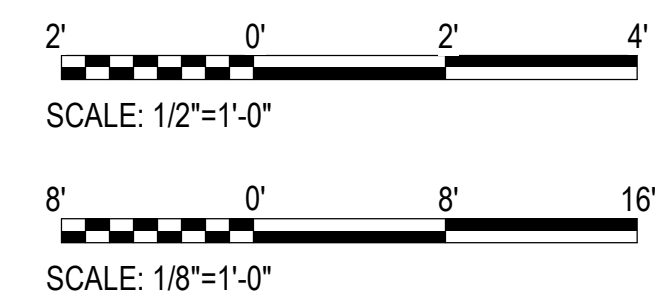
Project Number	20055
Dated	September 29, 2020
Drawn By	CAP
Approved By	WJJ
PM	CAP

M002





- 1 ROUTE 8" x 8" EXHAUST DUCT UP TO GR-1C ON ROOF.
- 2 ROUTE 8" x 8" EXHAUST DUCT UP TO GR-2C ON ROOF.
- 3 ROUTE 8" x 8" EXHAUST DUCT UP TO GR-3C ON ROOF.
- 4 ROUTE 8" x 8" EXHAUST DUCT UP TO GR-4C ON ROOF.
- 5 MOUNT UNIT ON 6" CONCRETE PAD.
- 6 ROUTE CONDENSATE TO FLOOR DRAIN IN MECHANICAL ROOM.
- 7 ROUTE REFRIGERANT PIPING TO ASSOCIATED CONDENSING UNIT.
- 8 MOUNT BOTTOM OF LOUVER AT  $\pm 10'-8"$  A.F.F.



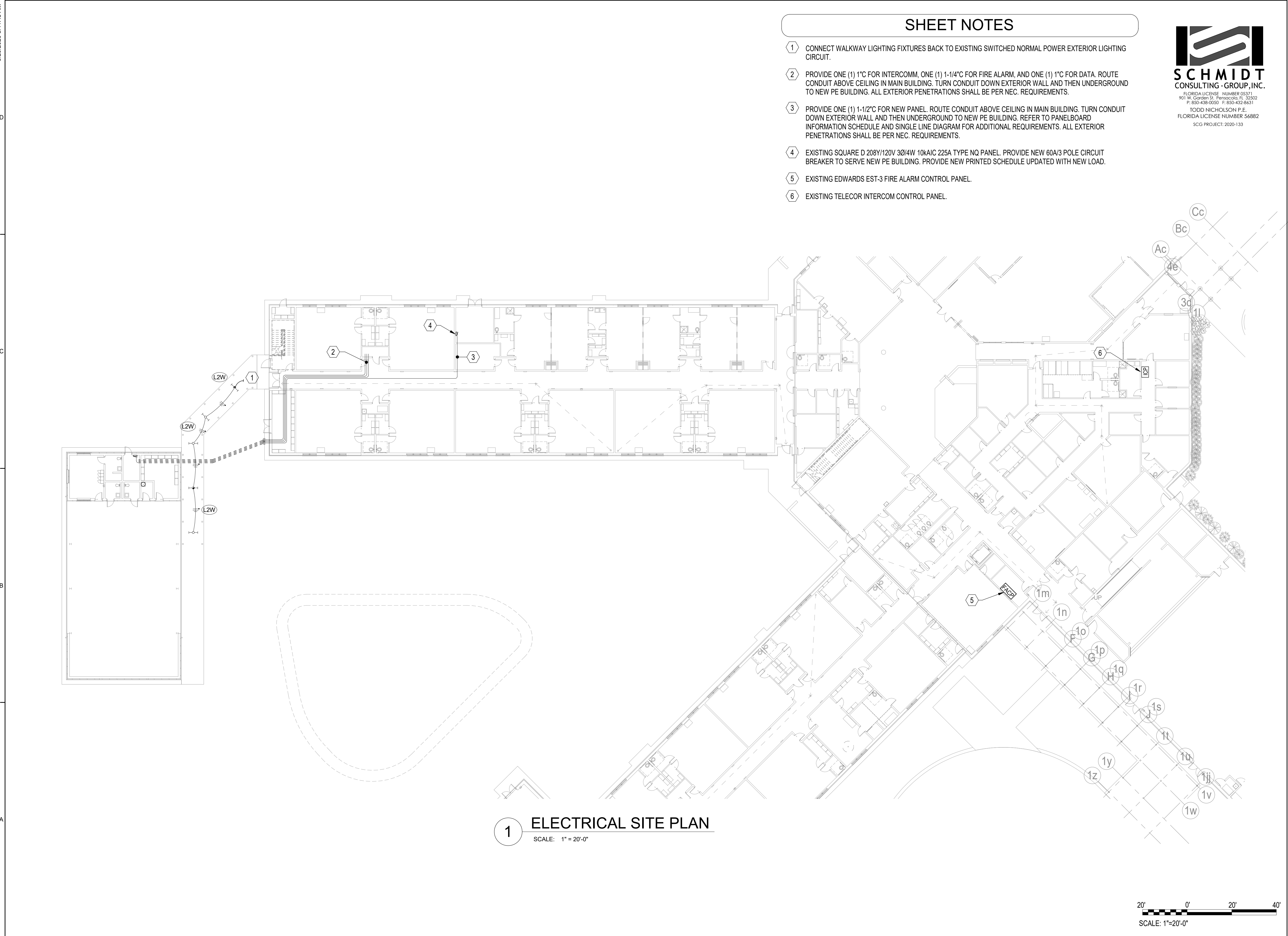
**SANTA ROSA COUNTY SCHOOL DISTRICT  
COVERED PE BUILDING for  
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SHEET NOTES

- 1 CONNECT WALKWAY LIGHTING FIXTURES BACK TO EXISTING SWITCHED NORMAL POWER EXTERIOR LIGHTING CIRCUIT.
- 2 PROVIDE ONE (1) 1" C FOR INTERCOMM, ONE (1) 1-1/4" C FOR FIRE ALARM, AND ONE (1) 1" C FOR DATA. ROUTE CONDUIT ABOVE CEILING IN MAIN BUILDING. TURN CONDUIT DOWN EXTERIOR WALL AND THEN UNDERGROUND TO NEW PE BUILDING. ALL EXTERIOR PENETRATIONS SHALL BE PER NEC. REQUIREMENTS.
- 3 PROVIDE ONE (1) 1-1/2" C FOR NEW PANEL. ROUTE CONDUIT ABOVE CEILING IN MAIN BUILDING. TURN CONDUIT DOWN EXTERIOR WALL AND THEN UNDERGROUND TO NEW PE BUILDING. REFER TO PANELBOARD INFORMATION SCHEDULE AND SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS. ALL EXTERIOR PENETRATIONS SHALL BE PER NEC. REQUIREMENTS.
- 4 EXISTING SQUARE D 208Y/120V 3Ø/4W 10kAIC 225A TYPE NQ PANEL. PROVIDE NEW 60A/3 POLE CIRCUIT BREAKER TO SERVE NEW PE BUILDING. PROVIDE NEW PRINTED SCHEDULE UPDATED WITH NEW LOAD.
- 5 EXISTING EDWARDS EST-3 FIRE ALARM CONTROL PANEL.
- 6 EXISTING TELECOR INTERCOM CONTROL PANEL.



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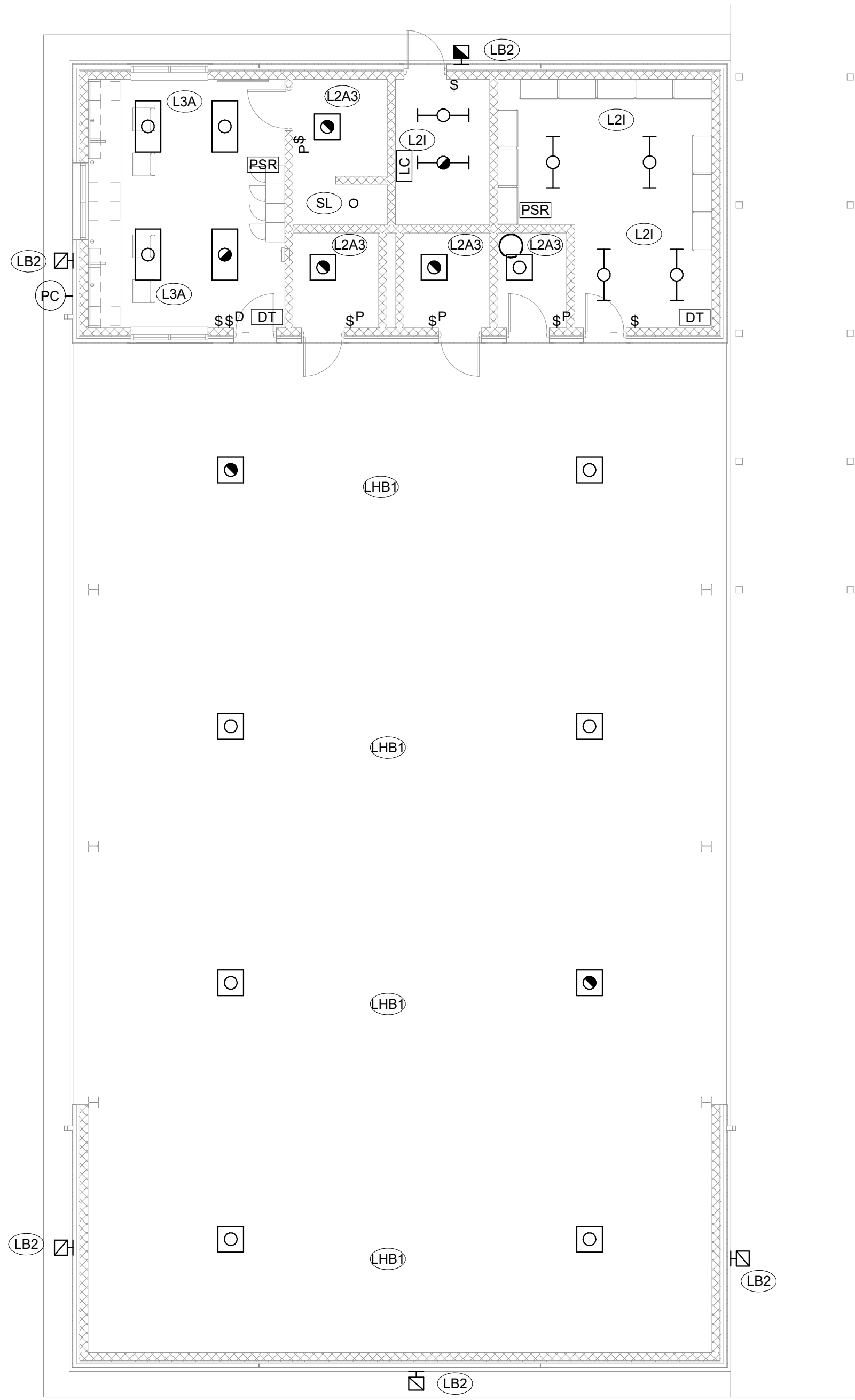
SANTA ROSA COUNTY SCHOOL DISTRICT  
COVERED PE BUILDING for  
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2535 ELKHART DRIVE, GULF BREEZE, FL 32563

REVISIONS:		
No.	Description	Date

ELECTRICAL SITE PLAN

Project Number	20055
Dated	September 29, 2020
Drawn By	JTH
Approved By	TAN
PM	JTH



# 1 ELECTRICAL LIGHTING PLAN

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

## LIGHTING CONTROL NOTES

THE FOLLOWING LIGHTING CONTROLS SHALL APPLY FOR THE FOLLOWING AREAS. THE MORE STRINGENT OF ANY DISCREPANCIES BETWEEN TYPICAL CONTROLS AND FLOORPLANS SHALL BE FOLLOWED. NOTES SHALL APPLY TO ALL LIGHTING PLANS IN DRAWING PACKAGE.

- ROUTE COVERED PE BUILDING FIXTURES (LHB1) THROUGH LIGHTING CONTACTOR WITH ASTRONOMICAL TIME CLOCK. SCHEDULE SHALL HAVE CONTACTOR OPEN FROM 10PM TO 6AM, AND CLOSED FROM 6AM TO 10PM. PROVIDE CONTACTOR WITH ON/OFF/AUTO SELECTOR SWITCH. ON/OFF TOGGLE SWITCH SHALL BE LOCATED BETWEEN SWITCH LEG FROM CONTACTOR AND FIRST FIXTURE.
- EXTERIOR BUILDING MOUNTED FIXTURES LB2 SHALL BE ROUTED THROUGH EXTERIOR PHOTOCELL SET TO TURN ON FIXTURES WHEN AMBIENT LIGHTING DROPS BELOW 50FC.
- OFFICE, RESTROOMS, AND STORAGE AREAS SHALL BE PROVIDED WITH VACANCY CONTROL. FIXTURES SHALL BE MANUAL ON TO 100% AND AUTOMATIC OFF ONCE VACANCY IS DETECTED.



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COVERED PE BUILDING for  
EAST BAY K-8 SCHOOL**

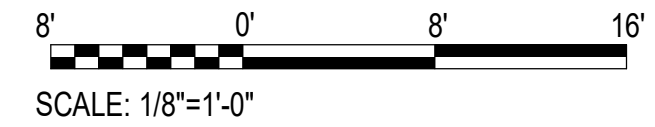
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## FIRST FLOOR LIGHTING

Project Number	20055
Dated	September 29, 2020
Drawn By	JTH
Approved By	TAN
PM	JTH

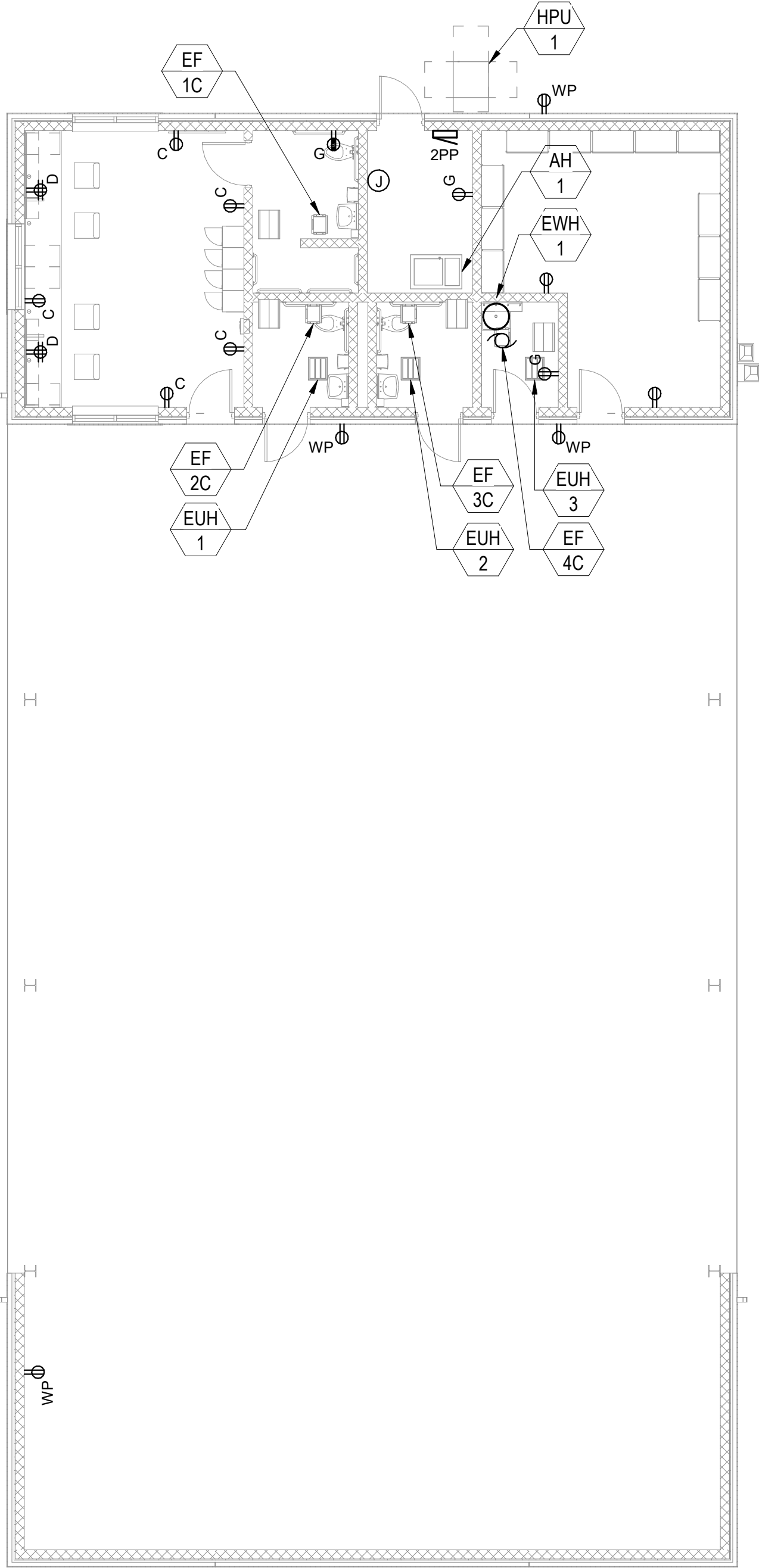
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1 ELECTRICAL POWER PLAN  
SCALE: 1/8" = 1'-0"





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SANTA ROSA COUNTY SCHOOL DISTRICT  
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EAST BAY K-8 SCHOOL

2535 ELKHART DRIVE, GULF BREEZE, FL 32563

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No.	Description	Date

FIRST FLOOR POWER  
PLAN

Project Number	20055
Dated	September 29, 2020
Drawn By	JTH
Approved By	TAN
PM	JTH

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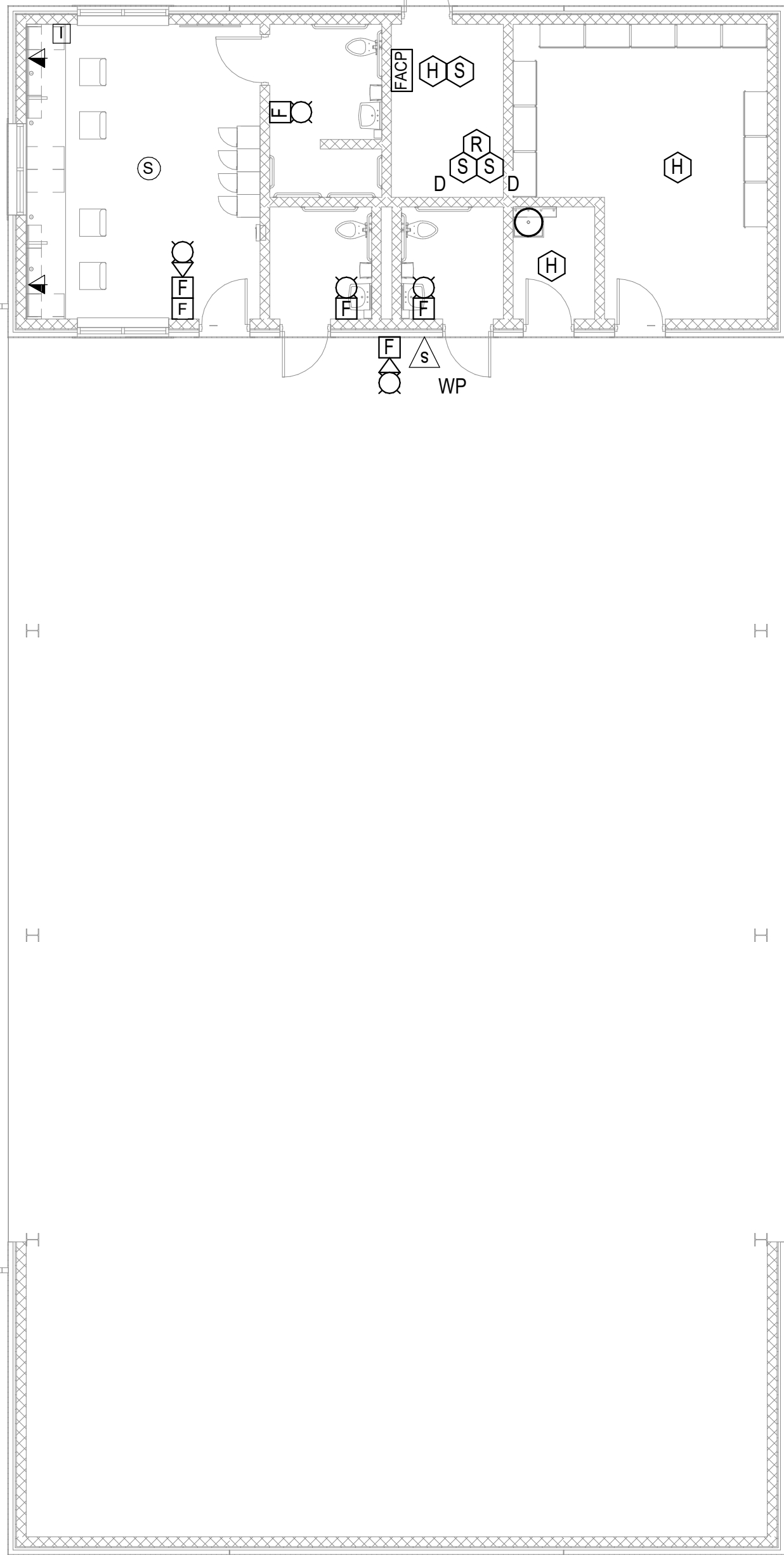
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1 ELECTRICAL SYSTEMS PLAN  
SCALE: 1/8" = 1'-0"



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2535 ELKHART DRIVE, GULF BREEZE, FL 32563

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FIRST FLOOR SYSTEMS  
PLAN

Project Number	20055
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Approved By	TAN
PM	JTH

E401