

**H.C. PARKING SPACES** (2)  
NTS (C-0)

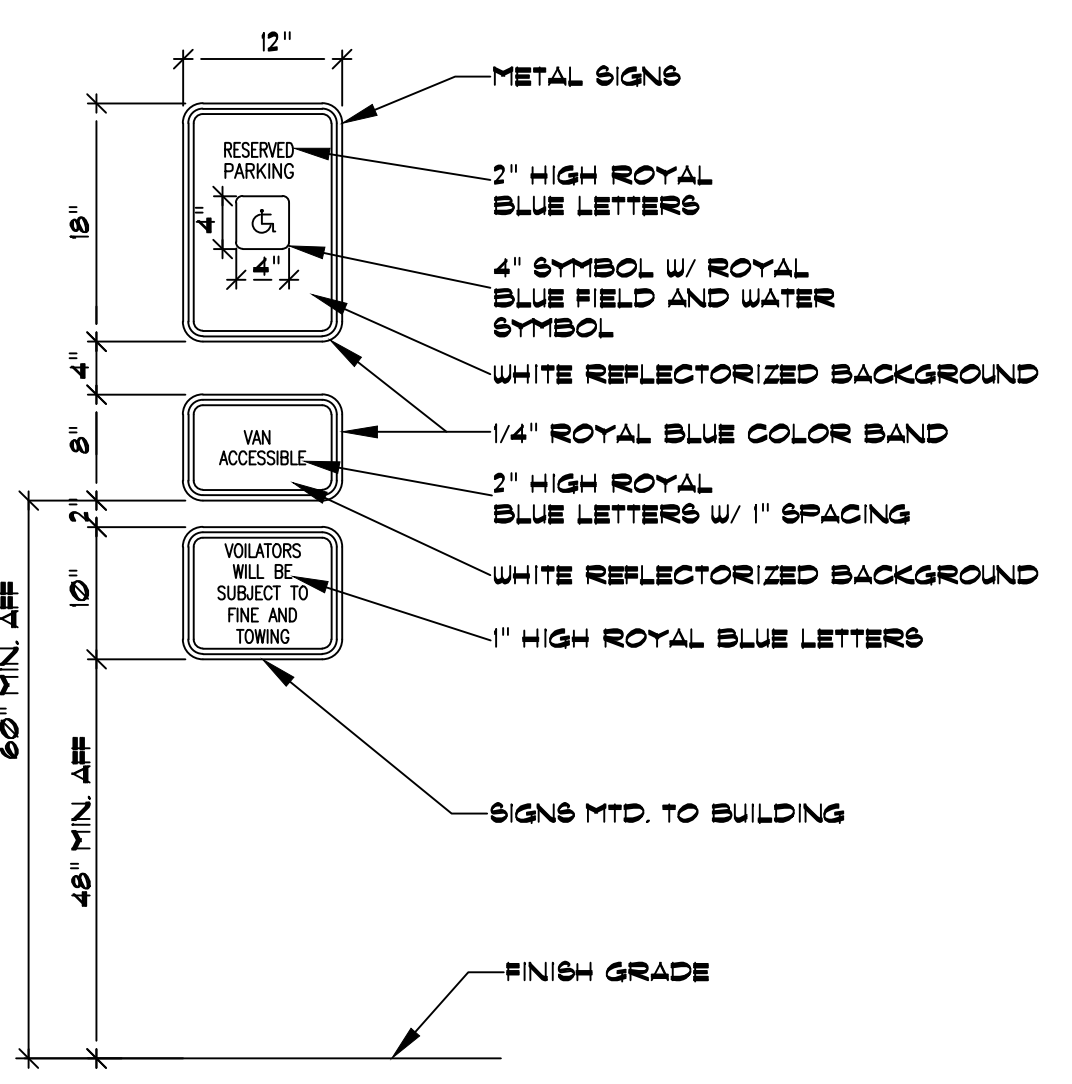
**ACCESSIBLE PARKING SPACES**

(4) A PAVED ACCESSIBLE PARKING SPACE MUST INCLUDE:

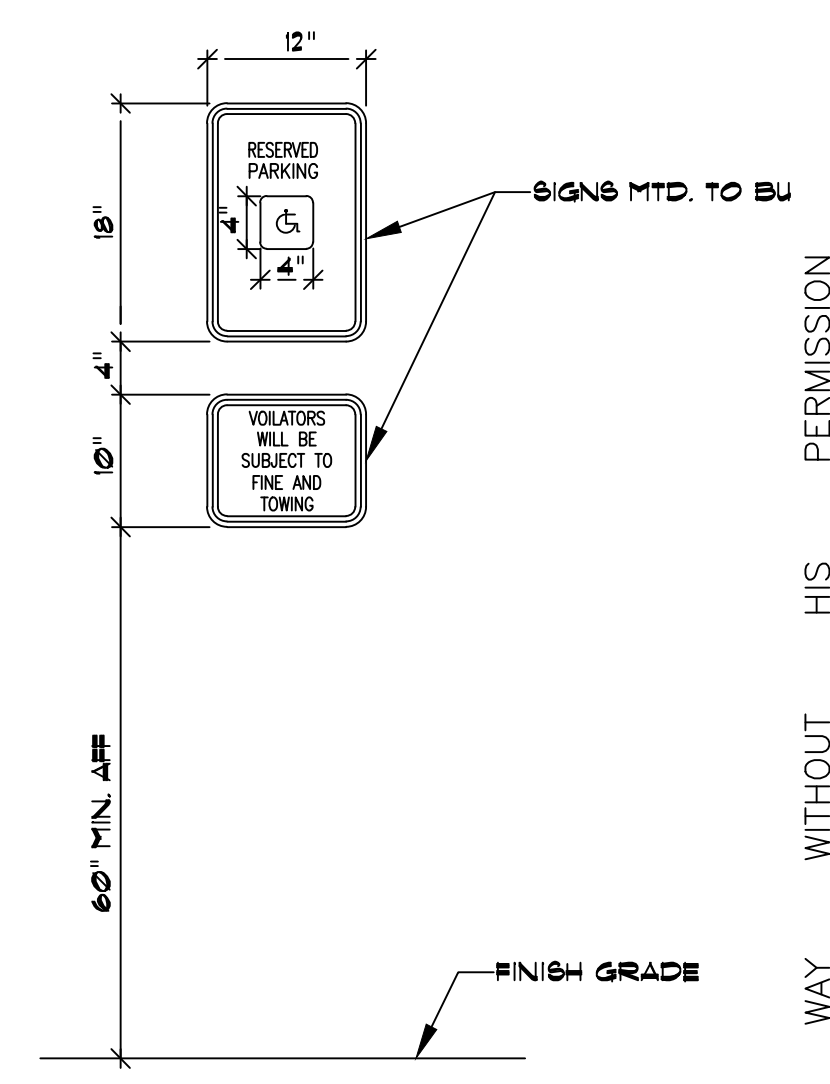
- (1) THE INTERNATIONAL SYMBOL OF ACCESSIBILITY PAINTED CONSPICUOUSLY ON THE SURFACE IN A COLOR THAT CONTRASTS THE PAVEMENT.
- (2) THE WORDS "NO PARKING" PAINTED ON ANY ACCESSIBLE ADJACENT TO THE PARKING SPACE. THE WORDS MUST BE PAINTED:
  - (A) IN ALL CAPITAL LETTERS,
  - (B) WITH A LETTER HEIGHT OF AT LEAST TWELVE INCHES, AND A STROKE WIDTH OF AT LEAST TWO INCHES, AND
  - (C) CENTERED WITHIN EACH ACCESSIBLE ADJACENT TO THE PARKING SPACE; AND
  - (3) A SIGN IDENTIFYING THE CONSEQUENCES OF PARKING ILLEGALLY IN A PAVED ACCESSIBLE PARKING SPACE. THE SIGN MUST:
    - (A) AT A MINIMUM STATE VIOLATORS SUBJECT TO FINE AND TOWING IN A LETTER HEIGHT OF AT LEAST ONE INCH,
    - (B) BE MOUNTED ON A POLE, POST, WALL, OR FREETANDING BOARD,
    - (C) BE NO MORE THAN EIGHT INCHES BELOW A SIGN REQUIRED BY TEXAS ACCESSIBILITY STANDARDS, 502.6, AND
    - (D) BE INSTALLED SO THAT THE BOTTOM EDGE OF THE SIGN IS NO LOWER THAN 48 INCHES AND NO HIGHER THAN 80 INCHES ABOVE GROUND LEVEL.
    - (E) A PARKING SPACE IDENTIFICATION SIGN THAT COMPLIES WITH TEXAS ACCESSIBILITY STANDARDS, 502.6, THAT INCLUDES THE REQUIREMENTS IN SUBSECTION (A)(3)(A) SATISFIES SUBSECTION (A)(3).

**NOTE:**  
CONTRACTOR SHALL BE RESPONSIBLE FOR THE GRADING OF ALL ACCESSIBLE ROUTES.

ACCESSIBLE PARKING SPACES AND ACCESSIBLE ROUTES MUST BE MARKED AND HAVE FIRM, STABLE, AND SLIP RESISTANT SURFACES



**H.C. VAN ACCESSIBLE PARKING SIGN** (3)  
NTS (C-0)



**H.C. PARKING SIGN** (4)  
NTS (C-0)

- GENERAL NOTES: CURB AND GUTTER**
1. AN APPROVED WHITE PIGMENTED CURING COMPOUND SHALL BE APPLIED TO THE SURFACE OF THE CURB & GUTTER AS SOON AS IT HAS BEEN POURED AND FINISHED. CURB SHALL BE MONOLITHIC WITH CONCRETE STREETS.
  2. DOWEL REINFORCEMENT 6" INTO CURB AND GUTTER.
  3. CONSTRUCT 1/2" EXPANSION JOINTS AT 60' ON CENTERS AND CONTRACTION JOINTS AT 15' ON CENTERS.
  4. SAND WILL NOT BE ACCEPTED AS COMPACTED SUBGRADE. SAND WILL BE ALLOWED FOR LEVEL-UP ONLY (2" MAX).
  5. 3-INCH TALL 'S' OR 'U' TO BE CUT/STAMPED IN FACE OF CURB IN LINE WITH APPROPRIATE SERVICE.

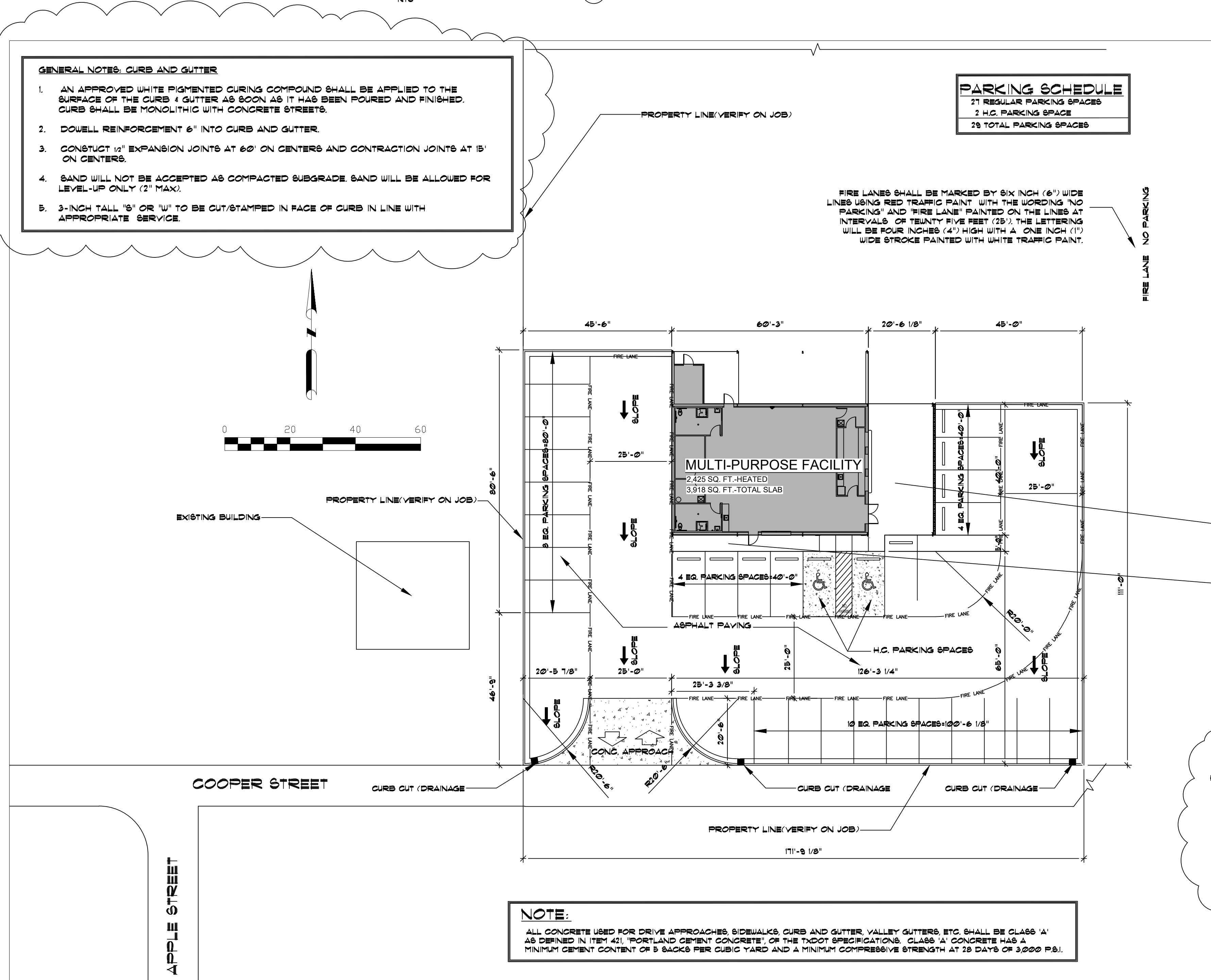
**PARKING SCHEDULE**

21 REGULAR PARKING SPACES
2 H.C. PARKING SPACE
29 TOTAL PARKING SPACES

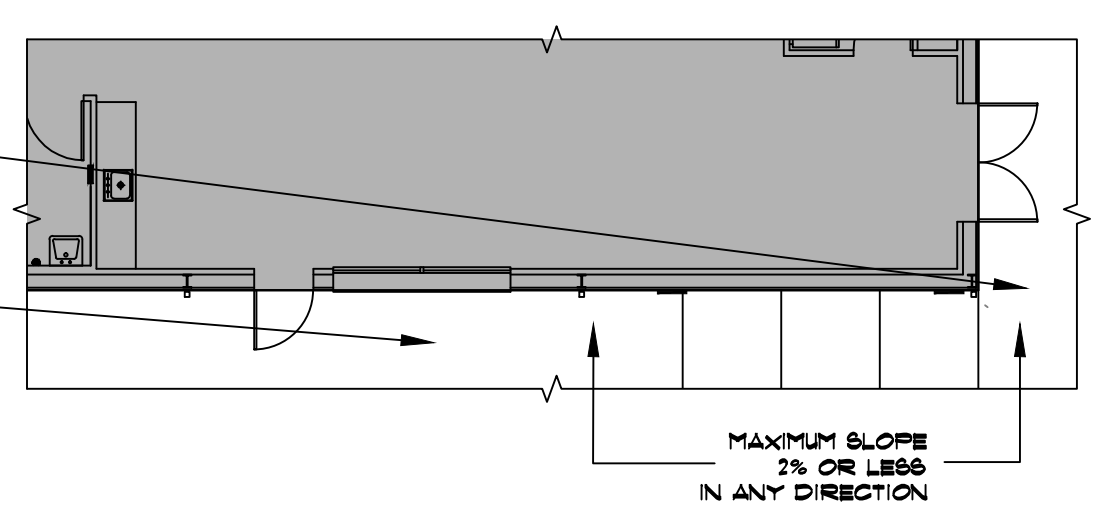
- GENERAL NOTES:**
1. ALL VEGETATION AND TOPSOIL CONTAINING ORGANIC MATERIALS SHALL BE CLEARED AND GRUBBED FROM THE BUILDING SITE AT THE BEGINNING OF EARTHWORK CONSTRUCTION.
  2. SOILS AT THE NATURAL GROUND SURFACE THAT WILL IMMEDIATELY UNDERLIE CONTRACTED FILL SHALL BE SCARIFIED TO A DEPTH OF 6". THE SCARIFIED SOILS SHALL THEN BE RECOMPACTED TO A MINIMUM OF 92 PERCENT AND A MAXIMUM OF 98 PERCENT OF STANDARD PROCTOR DENSITY (ASTM D-698). THE MOISTURE CONTENT SHALL BE MAINTAINED AT OR ABOVE THE OPTIMUM MOISTURE VALUE.
  3. ADDITIONAL FILL DELIVERED TO THE SITE SHALL BE "SELECT" MATERIAL HAVING A PLASTICITY INDEX BETWEEN 2 AND 12. "SELECT" FILL SHALL BE COMPACTED IN MAXIMUM OF 8" LIFTS TO A MINIMUM OF 95 PERCENT AND A MAXIMUM OF 100 PERCENT OF THE OPTIMUM DENSITY AS DEFINED BY THE STANDARD PROCTOR TEST (ASTM D-698) AT A MOISTURE CONTENT ABOVE -2 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE.
  4. ALL PARKING STRIPING SHALL BE LOCATED AS SHOWN ON SITE PLAN AND SHALL BE MARKED WITH 4" WIDE PAINTED STRIPES.
  5. CONSTRUCT CONCRETE APPROACHES TO PROPERTY IN ACCORDANCE WITH REQUIREMENTS OF STATE OF TEXAS.
  6. VERIFY ALL SITE DIMENSIONS PRIOR TO PROCEEDING WITH WORK.
  7. FINE GRADE ALL LANDSCAPED AREAS AT COMPLETION OF PROJECT.
  8. VERIFY LOCATION OF UTILITIES WITH LOCAL UTILITY COMPANIES.
  9. CONTRACTOR SHALL KEEP SITE CLEAR OF RUBBISH AND TRASH AT ALL TIMES.
  10. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING FINAL GRADING IN ORDER TO MAINTAIN NATURAL FLOW OF SURFACE WATER. WATER MUST NOT BE ALLOWED TO STAND AROUND BUILDING DURING CONSTRUCTION OR UPON COMPLETION OF PROJECT.

**INDEX TO DRAWINGS:**

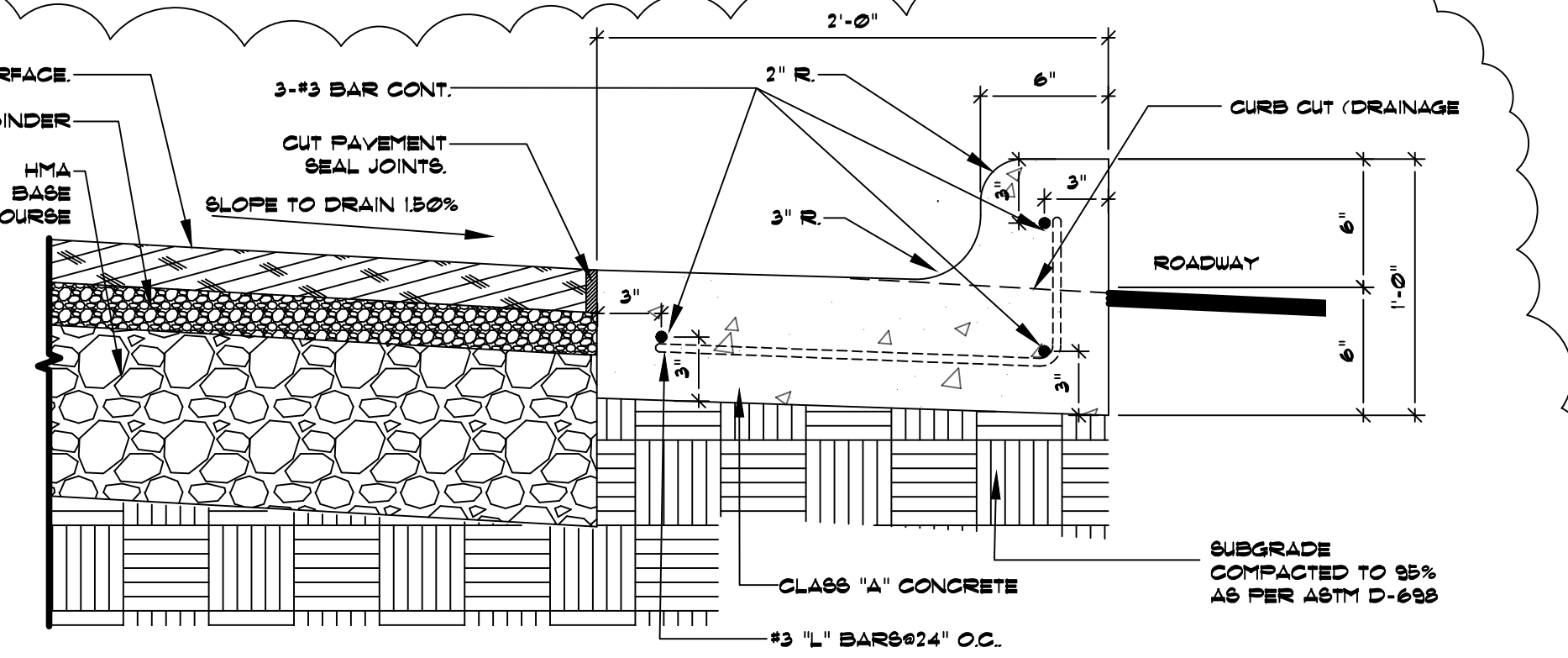
C-0	SITE PLAN
A-1	FLOOR PLAN
A-2	DOOR & WINDOW SCHED. ENLARGED TLT. PLAN & H.C. NOTES
A-3	ELEVATIONS
A-4	WALL SECTIONS
A-5	WALL SECTIONS
E	SCHEMATIC ELECTRICAL PLAN
S-1	FOUNDATION PLAN
S-2	FOUNDATION DETAILS
<b>MEP</b>	
M1-M5	MECHANICAL
P1-P4	PLUMBING
E1-E6	ELECTRICAL



**NOTE:**  
ALL CONCRETE USED FOR DRIVE APPROACHES, SIDEWALKS, CURB AND GUTTER, VALLEY GUTTERS, ETC. SHALL BE CLASS 'A' AS DEFINED IN ITEM 421, 'PORTLAND CEMENT CONCRETE', OF THE TxDOT SPECIFICATIONS. CLASS 'A' CONCRETE HAS A MINIMUM CEMENT CONTENT OF 5 BAGS PER CUBIC YARD AND A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3,000 PSI.



**MAX. SLOPE FOR ACCESSIBLE ENTRANCES (TYP.)** (1)  
SCALE: NTS (C-0)



**TYPICAL SECTION-CONCRETE CURB AND GUTTER** (2)  
(C-0)

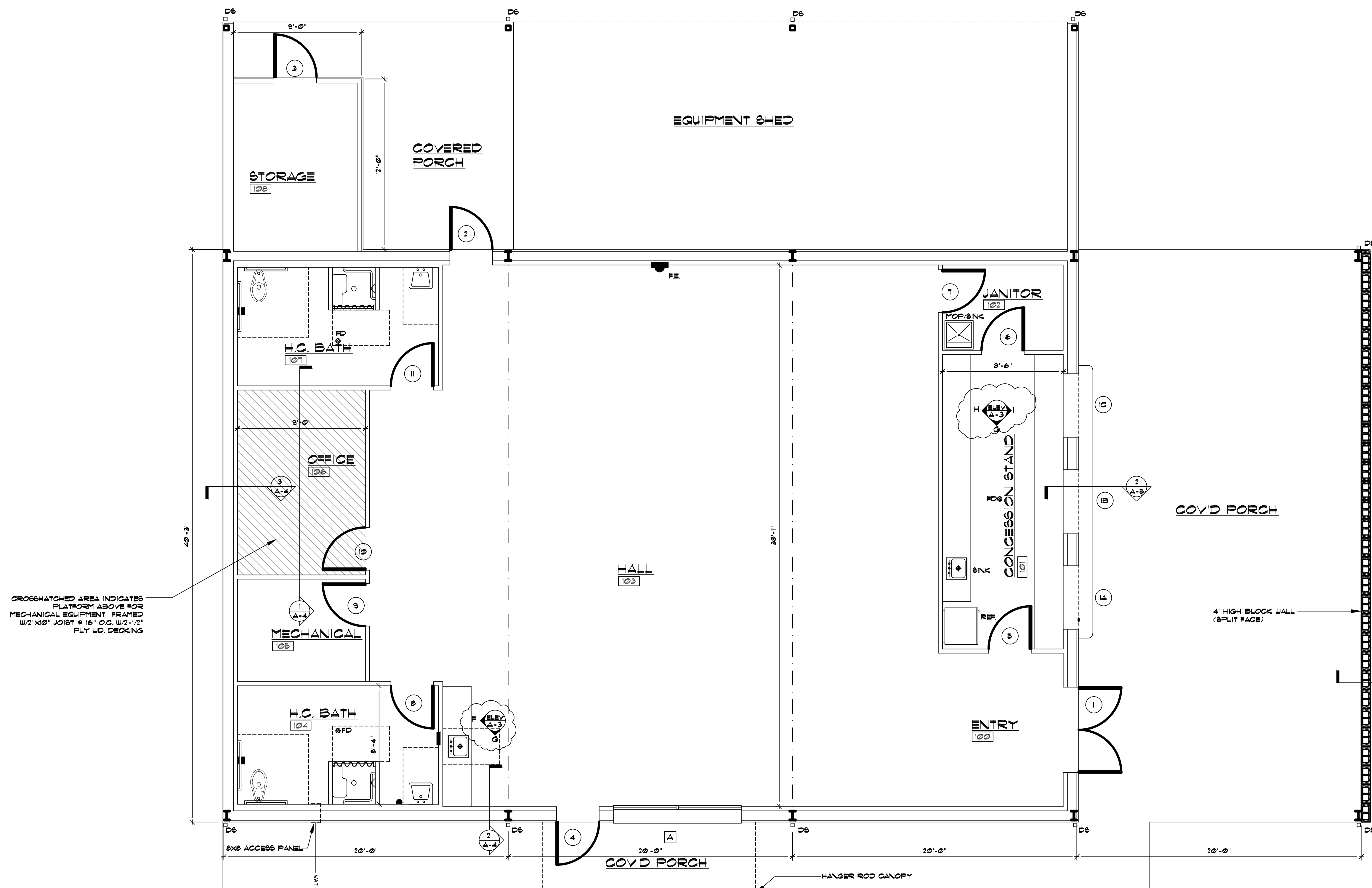
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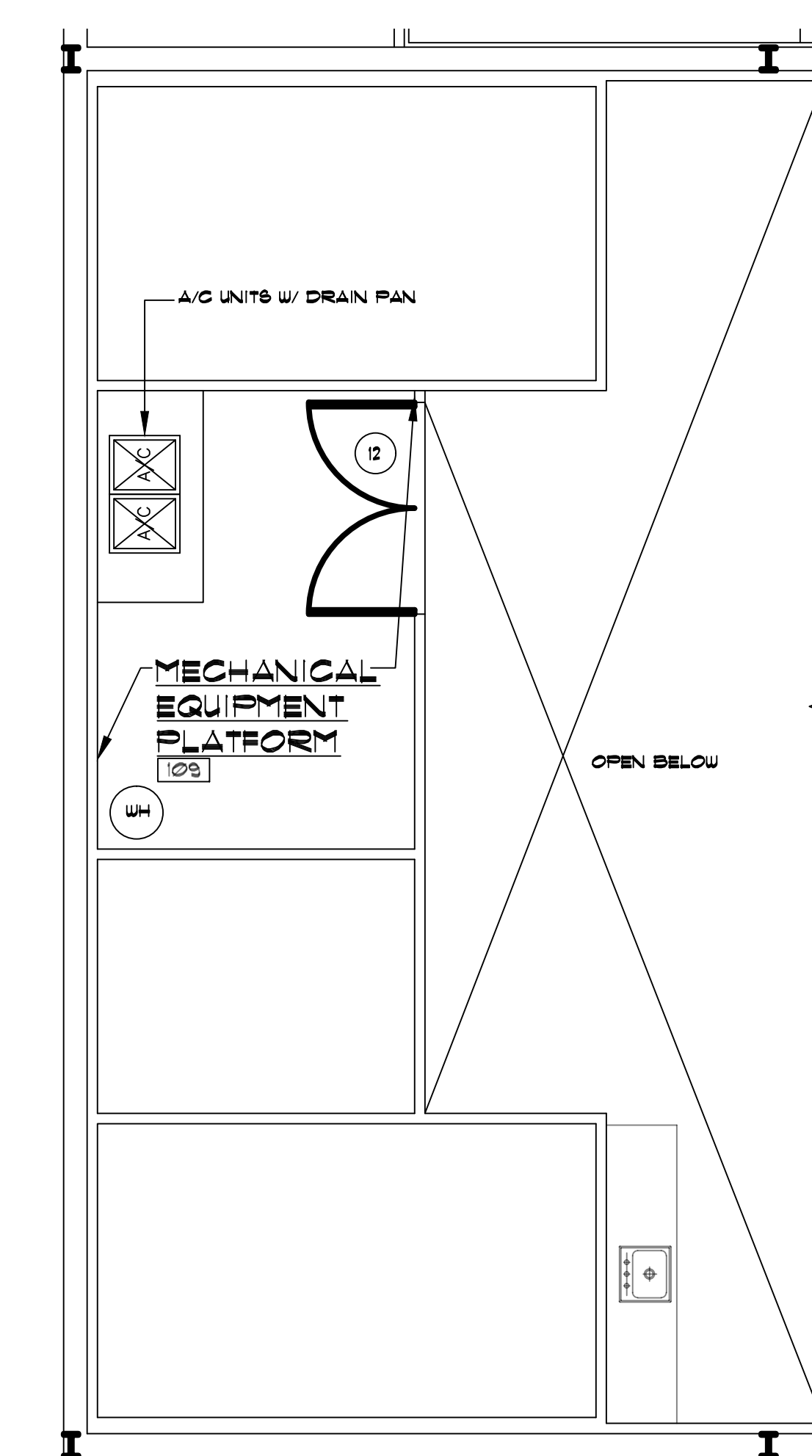
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**SITE PLAN**  
**MULTI-PURPOSE FACILITY FOR RANGER COLLEGE**  
609 Cooper St., Ranger, Tx. 76410

DATE OF REVISIONS:  
9/10/2023  
4/1/2024 (REV)  
JOB NO. 230039AN  
DRAWN BY: DJ  
SHEET NO. C-0



CROSSHATCHED AREA INDICATES PLATFORM ABOVE FOR MECHANICAL EQUIPMENT FRAMED W/ 2" X 2" JOIST @ 16" O.C. W/ 2-1/2" FLY WD. DECKING



MECHANICAL PLATFORM PLAN  
SCALE: 1/4"=1'-0"

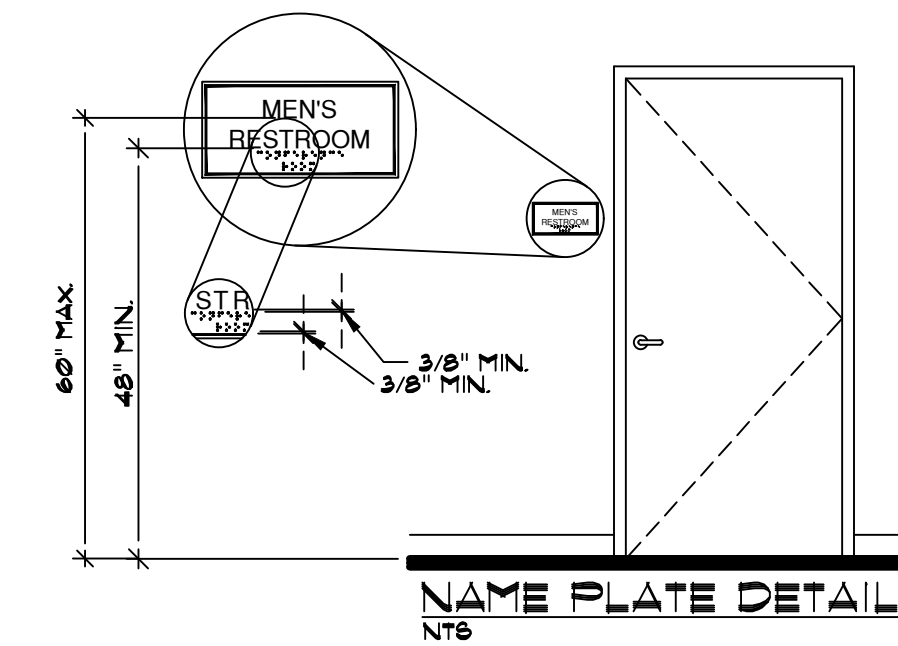
FLOOR PLAN  
SCALE: 1/4"=1'-0"

MC	SIZE	DESCRIPTION	FRAME	ELEV.	HARDWARE
1	3'-0" X 7'-0" X 1 3/4" DBL	ALUM. & GLASS ENTRY	ALUM. THERMAL BREAK	A	AB1LN
1A	4'-6" X 5'-0" X 1 3/4"	INSULATED ROLL UP COUNTER DOOR	ALUM.	B	O
1B	4'-6" X 5'-0" X 1 3/4"	INSULATED ROLL UP COUNTER DOOR	ALUM.	B	O
1C	4'-6" X 5'-0" X 1 3/4"	INSULATED ROLL UP COUNTER DOOR	ALUM.	B	O
2	3'-0" X 7'-0" X 1 3/4"	HOLLOW INSULATED METAL DOOR/LITE	METAL	C	AB1LN
3	3'-0" X 7'-0" X 1 3/4"	HOLLOW INSULATED METAL DOOR	METAL	D	AB1LN
4	3'-0" X 7'-0" X 1 3/4"	HOLLOW INSULATED METAL DOOR/LITE	METAL	C	AB1LN
5	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD DOOR	METAL	E	AFHK
6	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD DOOR	METAL	E	AFJ
7	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD DOOR	METAL	E	AFHK
8	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD DOOR	METAL	E	AFHKL
9	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD DOOR	METAL	E	AFHK
10	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD DOOR	METAL	E	ADHK
11	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD DOOR	METAL	E	AFHKL
12	3'-0" X 7'-0" X 1 3/4" DBL	SOLID CORE WOOD DOOR	METAL	F	AFH

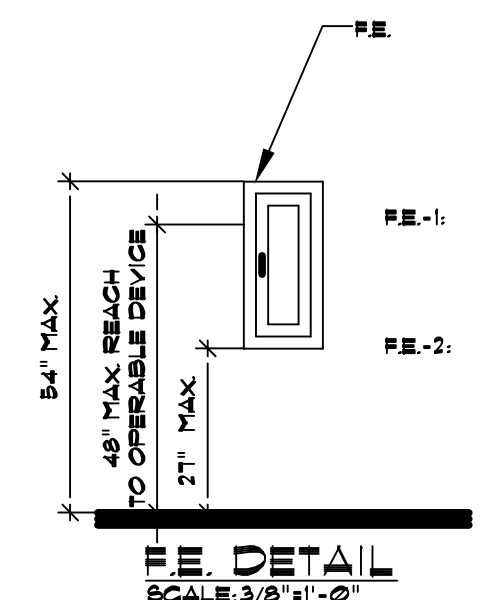
MC	SIZE	TYPE	FRAME	ELEV.	GLAZING TYPE
A	4'-6" X 5'-0" TWIN	FIXED	METAL	G	INSULATED, TINTED

MC	DESCRIPTION	MC	DESCRIPTION
A	PAIR & HALF BUTTS	J	FOOT BOLT OR HEAD BOLT
B	PANIC HARDWARE	K	NAME PLATE
C	LOCK SET	L	KICK PLATE
D	CYBER LOCK	M	THRESHOLD
E	PRIVACY SET	N	WEATHER STRIPPING
F	PASSAGE SET	O	AS PER MANUF.
G	PUSH/PULL PLATES	P	AUTOMATIC DOOR OPENER
H	DOOR STOP	Q	ACCESS CTRL. ENTRY (COORD. W/ OWNER/VENDOR)
I	CLOSURE		

MC	AREA	FLOOR	BASE	WALLS	CEILING	CLG. HT.
100	ENTRY	SEALED CONC.	RUBBER	GYP. BD. TEXT. & PAINT	EXPOSED STRUCTURE	VARIES
101	CONCESSION STAND	SEALED CONC.	RUBBER	GYP. BD. TEXT. & PAINT	2' X 2' SUBP. CLG.	8'-0"
102	JANITOR	SEALED CONC.	RUBBER	GYP. BD. TEXT. & PAINT	GYP. BD.	8'-0"
103	HALL	SEALED CONC.	RUBBER	GYP. BD. TEXT. & PAINT	EXPOSED STRUCTURE	VARIES
104	H.C. BATH	SEALED CONC.	TILE	TILE WAINSCOT UP TO 4'	2' X 2' SUBP. CLG.	8'-0"
105	MECHANICAL	SEALED CONC.	RUBBER	GYP. BD. TEXT. & PAINT	2' X 2' SUBP. CLG.	8'-0"
106	OFFICE	SEALED CONC.	RUBBER	GYP. BD. TEXT. & PAINT	2' X 2' SUBP. CLG.	8'-0"
107	H.C. BATH	SEALED CONC.	TILE	TILE WAINSCOT UP TO 4'	2' X 2' SUBP. CLG.	8'-0"
108	STORAGE	SEALED CONC.	NONE	EXPOSED STRUCTURE	EXPOSED STRUCTURE	VARIES
109	MECHANICAL EQUIPMENT PLATFORM	SEALED CONC.	NONE	EXPOSED STRUCTURE	EXPOSED STRUCTURE	VARIES



NAME PLATE DETAIL  
NT6



F.E. DETAIL  
SCALE: 3/8"=1'-0"

LARSEN MODEL NO. MFB-A (2A-10B.C) FIRE EXT. IN LARSEN MODEL NO. 2403-BR SEMI-REC. CABINET

LARSEN MODEL NO. MFB-A (3A-40B.C) FIRE EXT. IN LARSEN MODEL NO. 2403-BR SEMI-REC. CABINET

NOTE:  
1. THE MAXIMUM HIGH FORWARD APPROACH REACH SHALL BE 48 INCH AFFR TO THE F.E. CABINET HANDLE. THE MAXIMUM HIGH SIDE APPROACH REACH SHALL BE 34 INCH AFFR TO THE F.E. CABINET HANDLE.  
2. IF BOTTOM OF CABINET IS HIGHER THAN 21" AFFR, IT SHALL NOT PROTRUDE MORE THAN 4" FROM WALL.

NOTES:  
1. ALL HARDWARE SHALL COMPLY WITH TAB STANDARDS. FINISH AS SELECTED BY OWNER.  
2. DOOR STOPS SHALL BE FLOOR HINGE OR WALL MOUNTED AS PER LOCATION.  
3. OWNER SHALL REVIEW HARDWARE SCHEDULE PRIOR TO ORDERING.  
4. DOOR HARDWARE TO BE MANUFACTURED BY SCHLAGE OR EQUELL.

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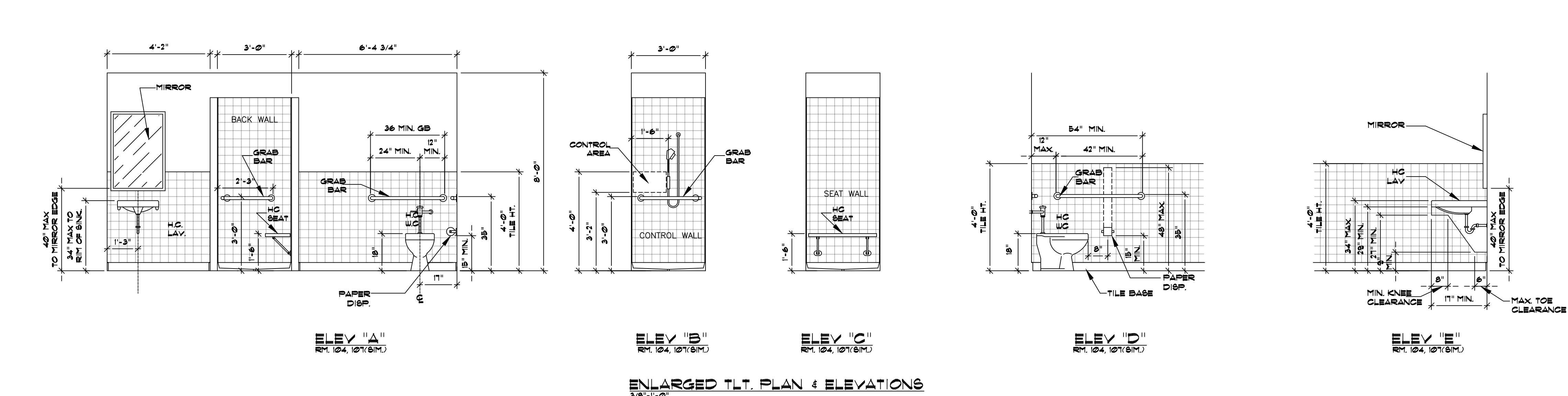
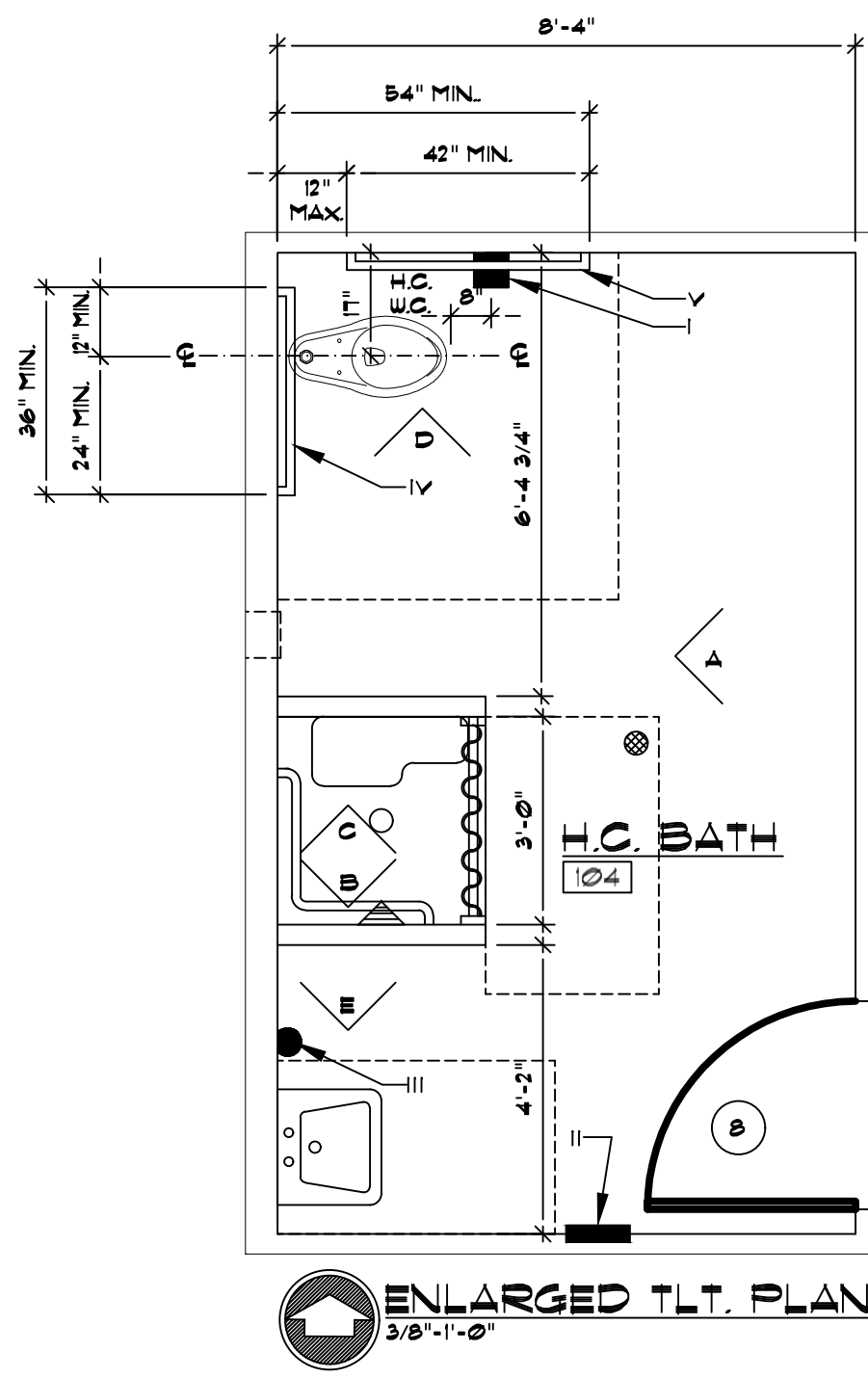
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FLOOR PLAN  
MULTI-PURPOSE FACILITY FOR  
RANGER COLLEGE  
609 Cooper St., Ranger, TX 76410

DATE OF REVISIONS:  
8/10/2013  
[Signature]

JOB NO. 23009RAN  
DRAWN BY: DJ

SHEET NO. A-1



NO.	DESCRIPTION	QTY
I	TLT. PAPER DISP.	12
II	TOWEL DISP./WASTE RECEPT.	13
III	SOAP DISP. (LAV. MTD)	13
IV	36\"/>	

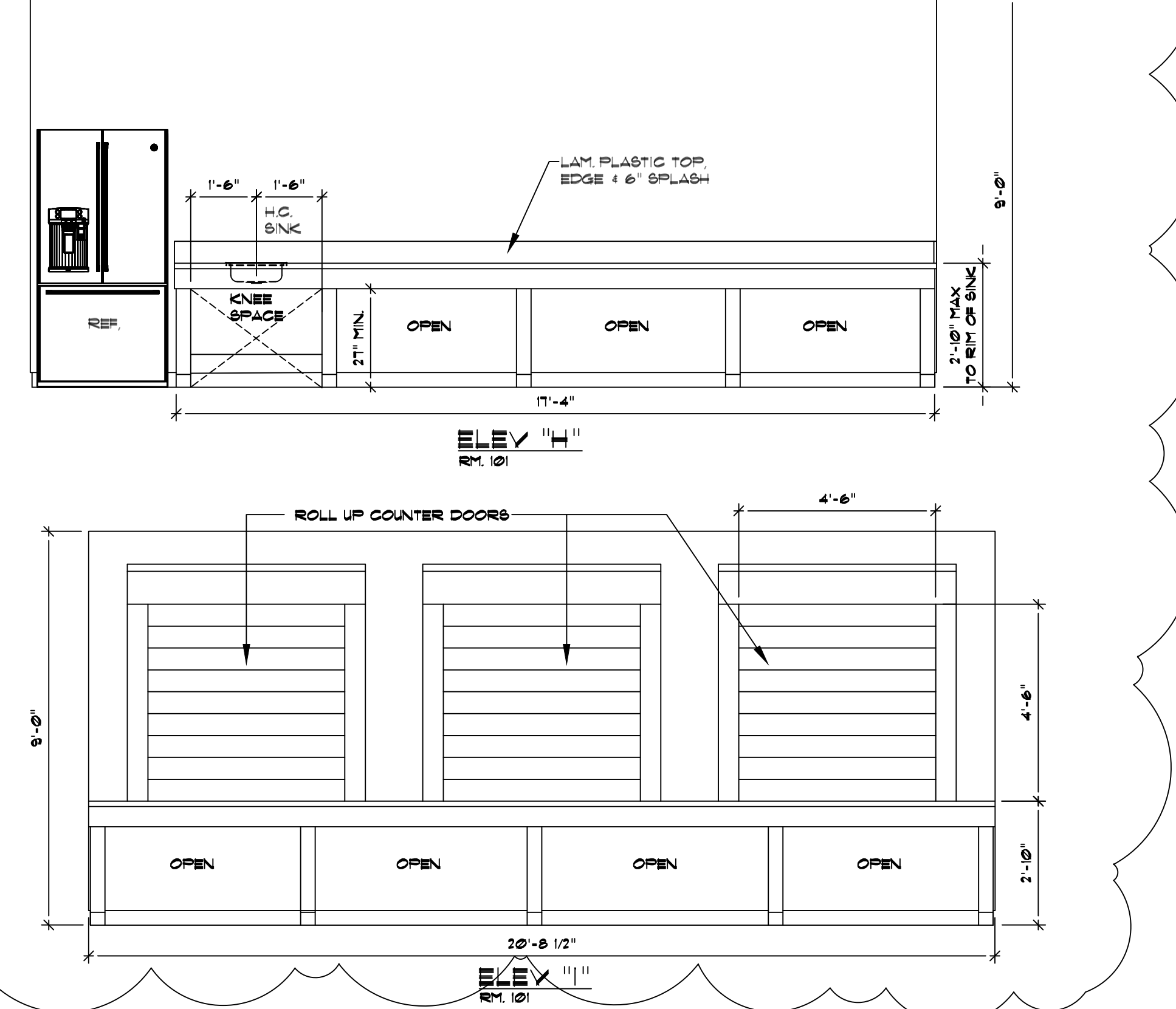
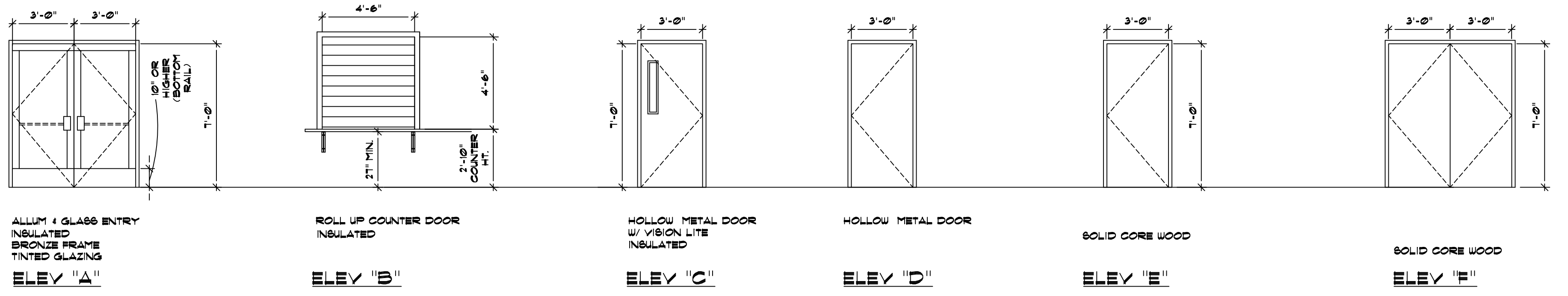
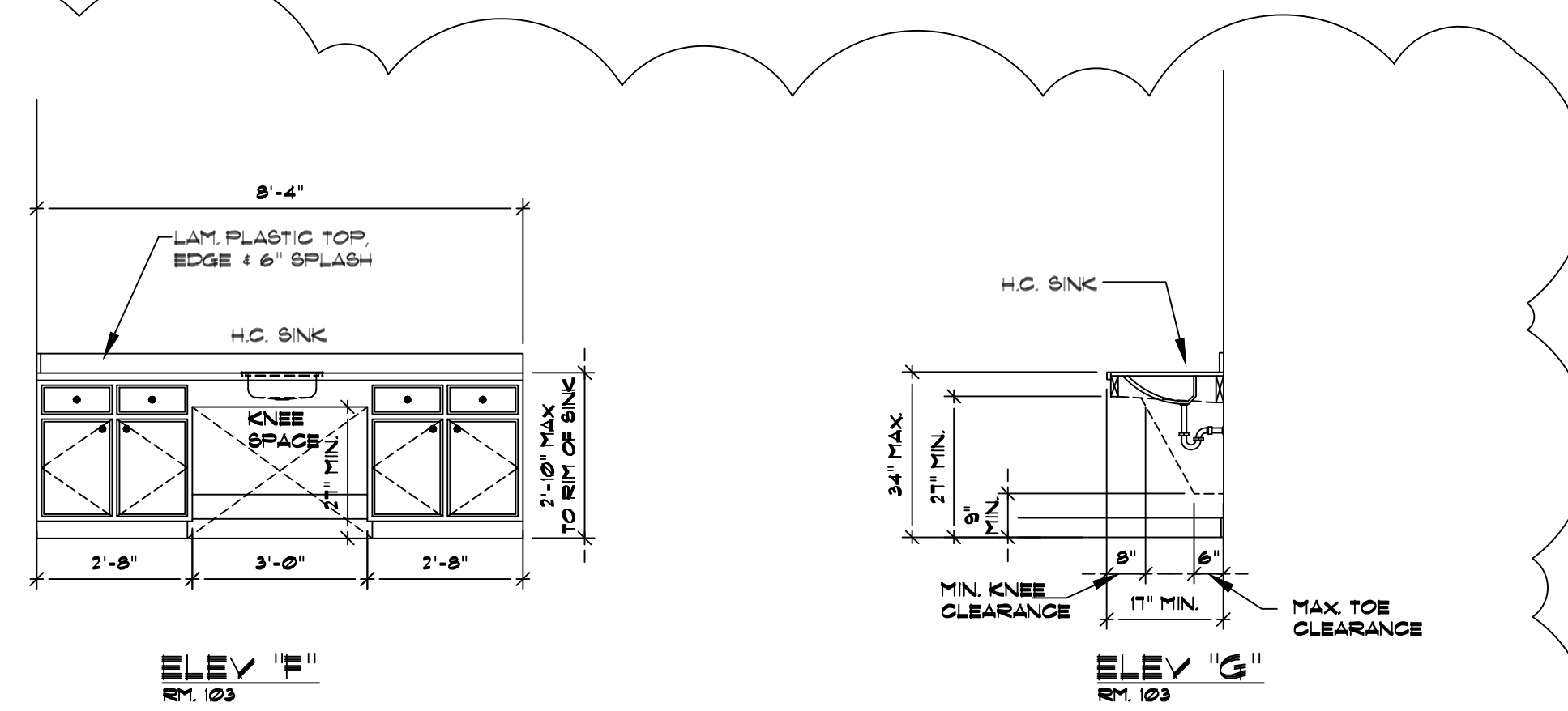
**NOTES:**  
 1. VERIFY MOUNTING OF ALL H.C. FIXTURES SO THAT ANY OPERABLE PORTION OF THE FIXTURE IS A MAXIMUM OF 48\"/>

NO.	DESCRIPTION	QTY
1	3\"/>	

NO.	DESCRIPTION	QTY
A	4\"/>	

NO.	DESCRIPTION	QTY
A	PAIR 4 HALF BUTTS	12
B	PANIC HARDWARE	13
C	LOOK SET	13
D	CYBER LOCK	13
E	PRIVACY SET	13
F	PASSAGE SET	13
G	PUSH/PULL PLATES	13
H	DOOR STOP	13
I	CLOSURE	13

NO.	DESCRIPTION	QTY
100	ENTRY	1
101	CONCESSION STAND	1
102	JANITOR	1
103	HALL	1
104	H.C. BATH	1
105	MECHANICAL	1
106	OFFICE	1
107	H.C. BATH	1
108	STORAGE	1
109	MECHANICAL EQUIPMENT PLATFORM	1



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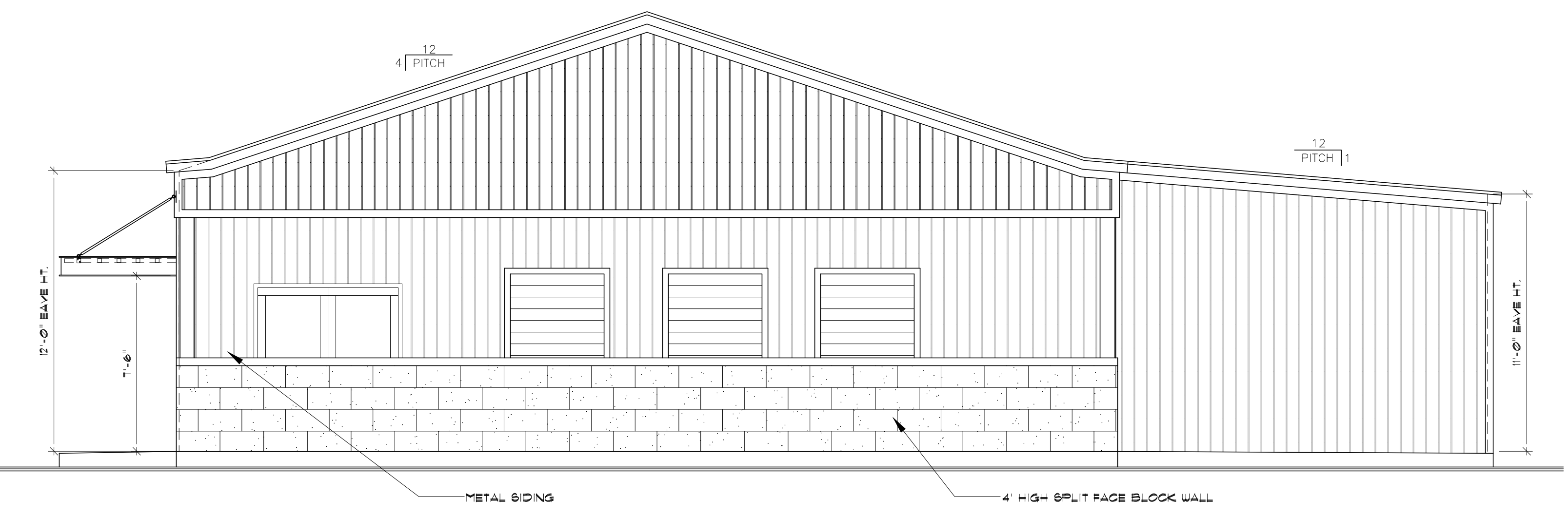
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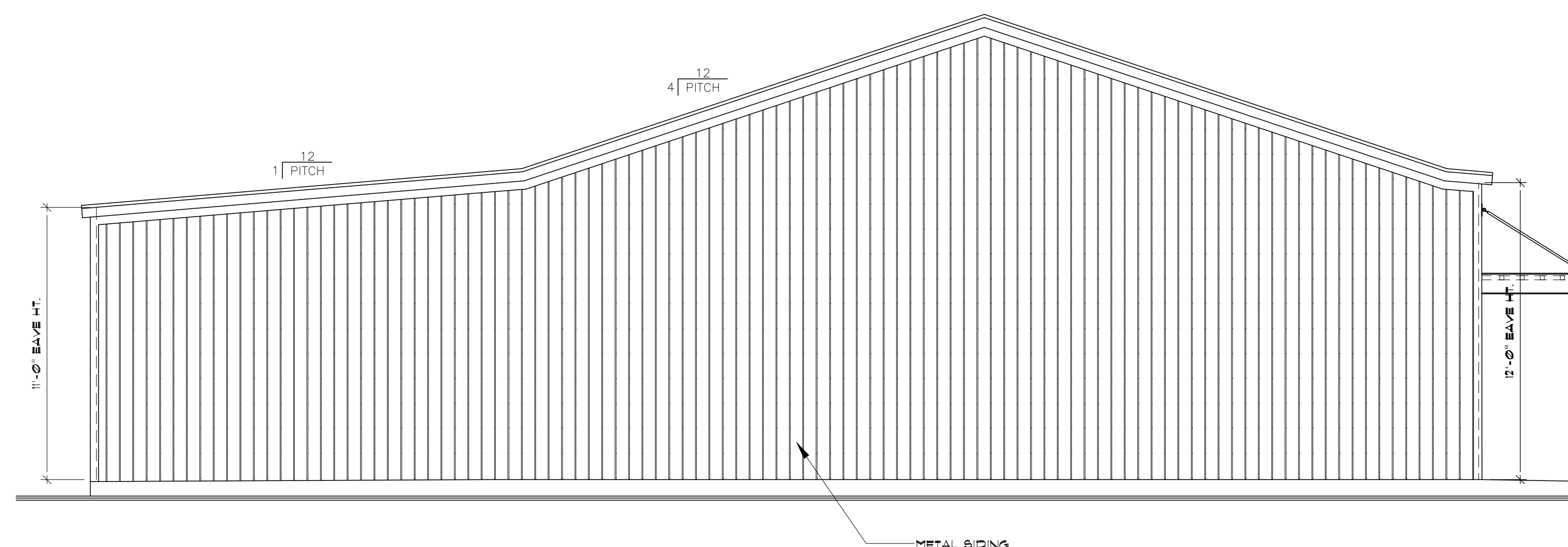
**DOOR & WINDOW SCHEDULE ENLARGED TLT. PLAN & H.C. NOTES**  
**MULTI-PURPOSE FACILITY FOR RANGER COLLEGE**  
 609 Cooper St., Ranger, Tx. 76410

DATE OF REVISIONS:  
 9/10/2023  
 4/10/2021 (BY REV)

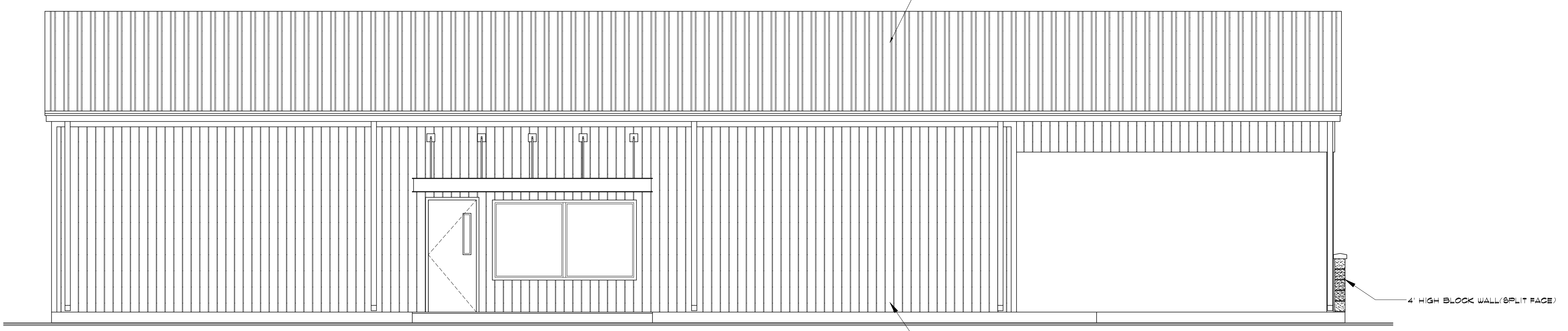
SHEET NO. **A-2**  
 JOB NO. **230039AN**  
 DRAWN BY: **DJ**



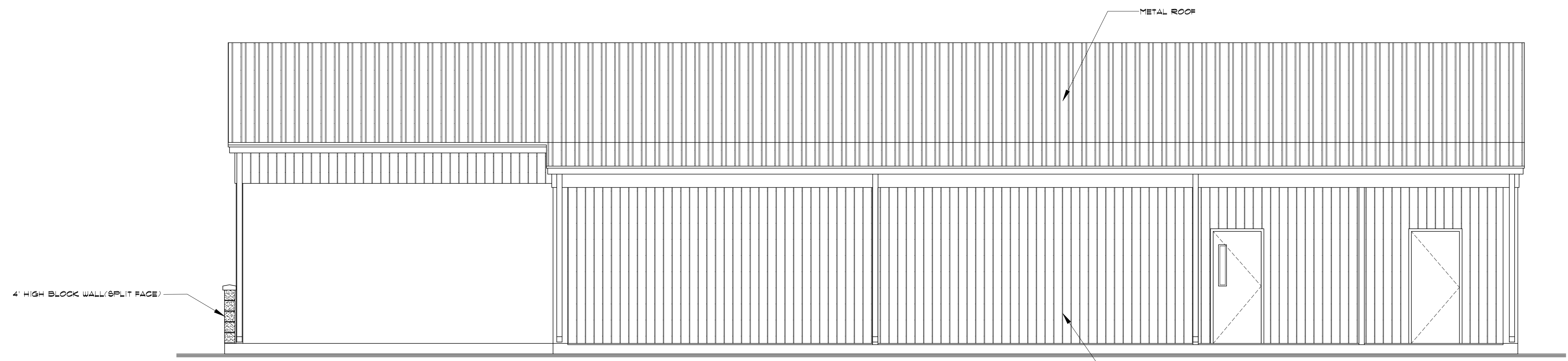
**FRONT ELEVATION**  
SCALE: 1/4"=1'-0"



**REAR ELEVATION**  
SCALE: 1/4"=1'-0"



**LEFT ELEVATION**  
SCALE: 1/4"=1'-0"



**RIGHT ELEVATION**  
SCALE: 1/4"=1'-0"

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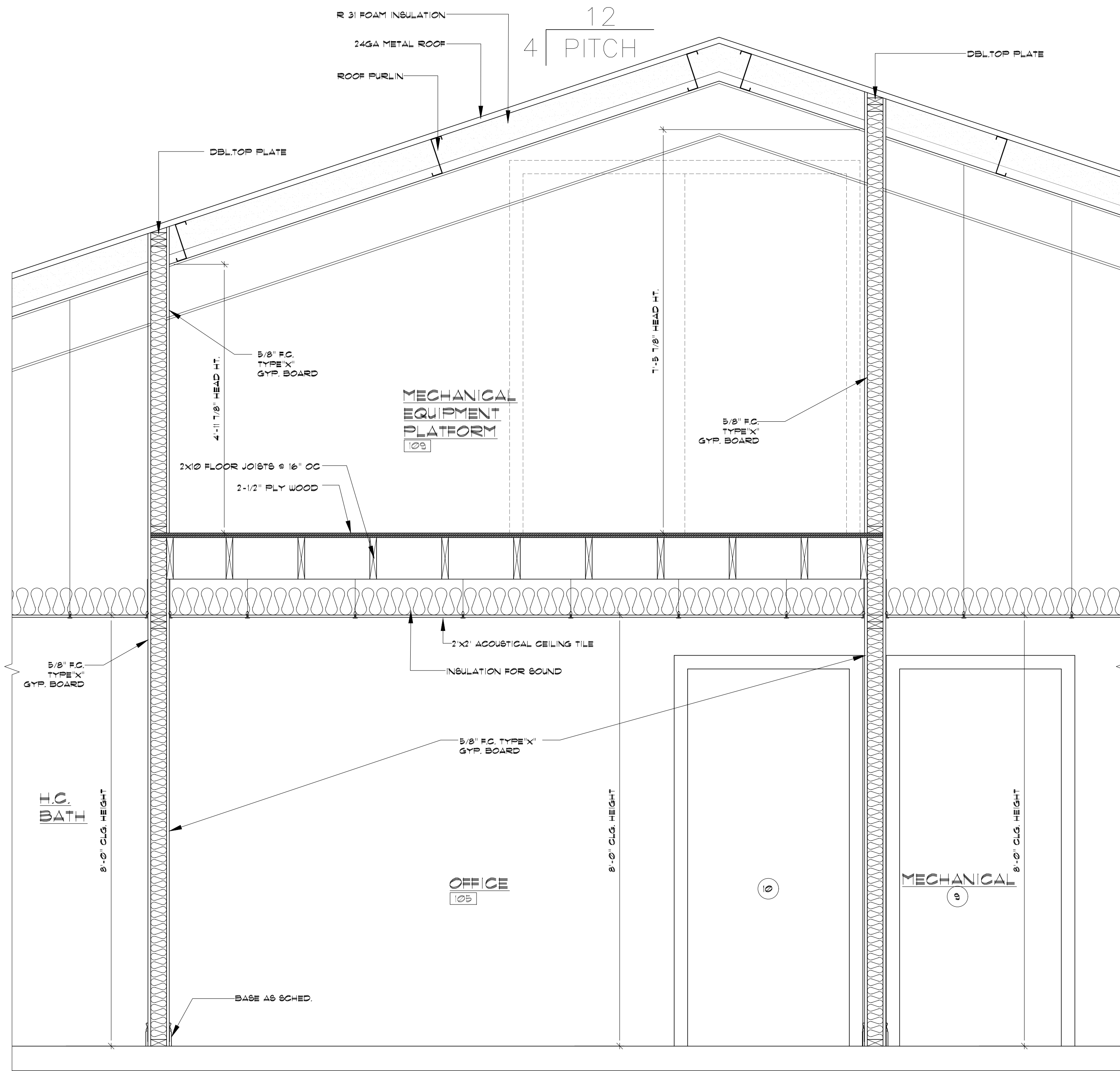
**ELEVATIONS**  
MULTI-PURPOSE FACILITY FOR  
RANGER COLLEGE  
609 Cooper St., Ranger, Tx. 76470

DATE OF REVISIONS:  
9/10/2023

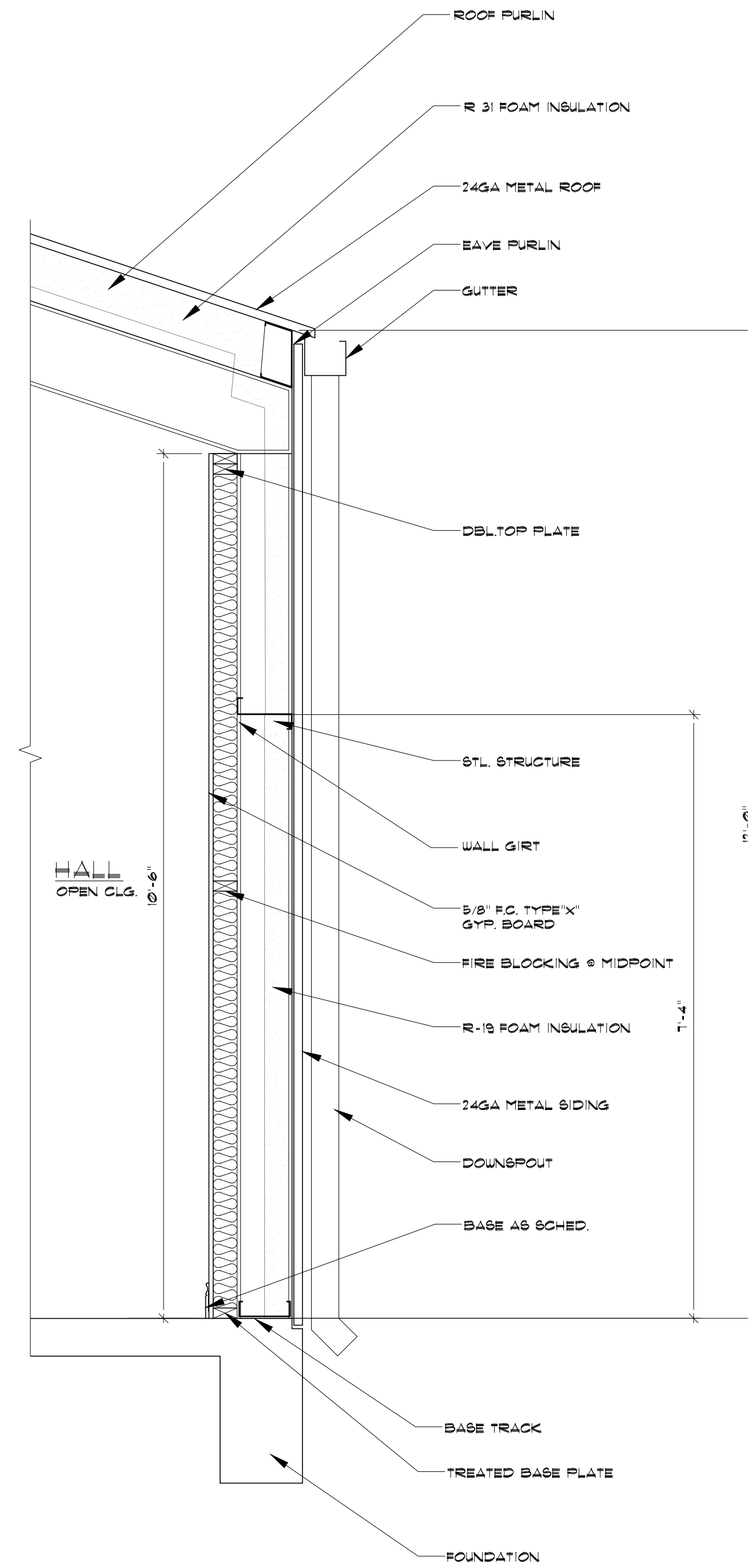
JOB NO. 230039AN  
DRAWN BY: DJ

SHEET NO. A-3

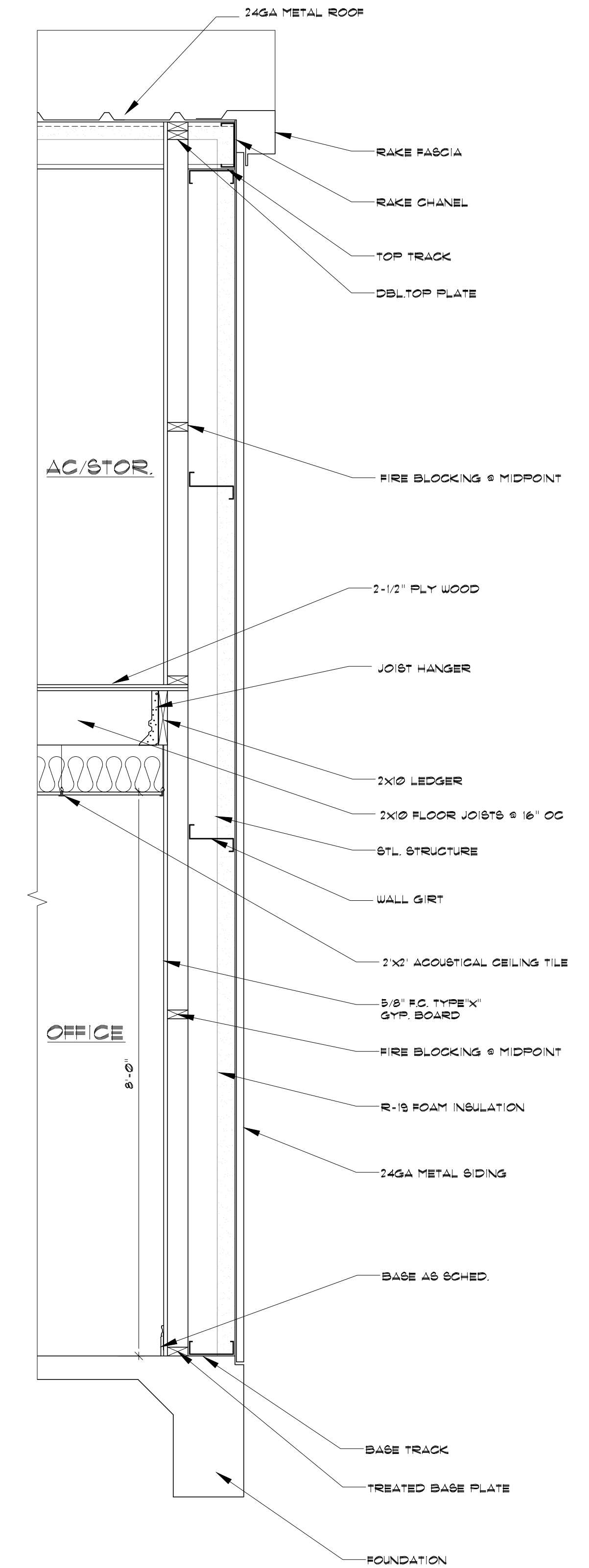




WALL SECTION 1  
SCALE: 3/4"=1'-0" (A-4)



WALL SECTION 2  
SCALE: 3/4"=1'-0" (A-4)



WALL SECTION 3  
SCALE: 3/4"=1'-0" (A-4)

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SHEET NO.  
**A-4**

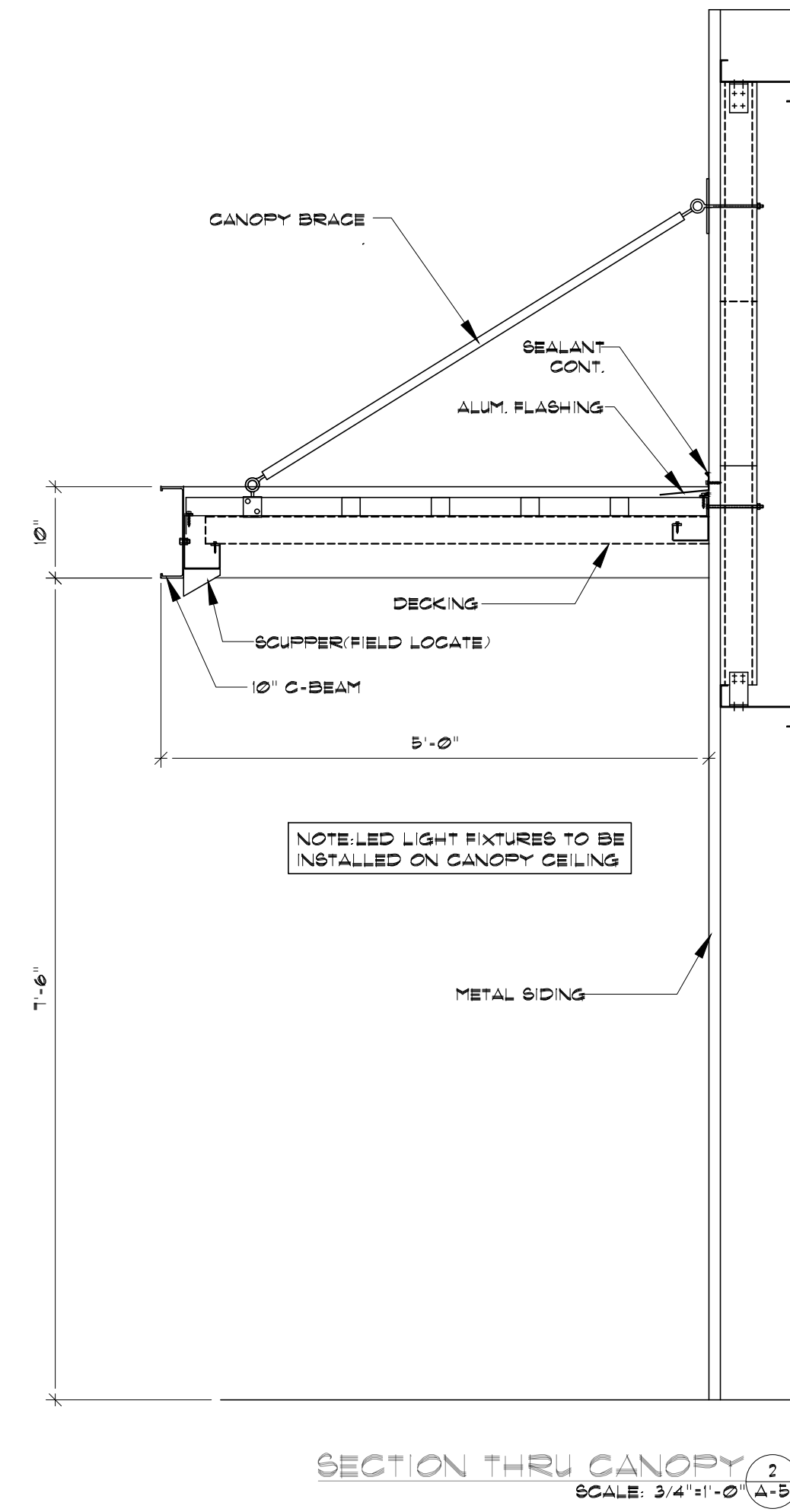
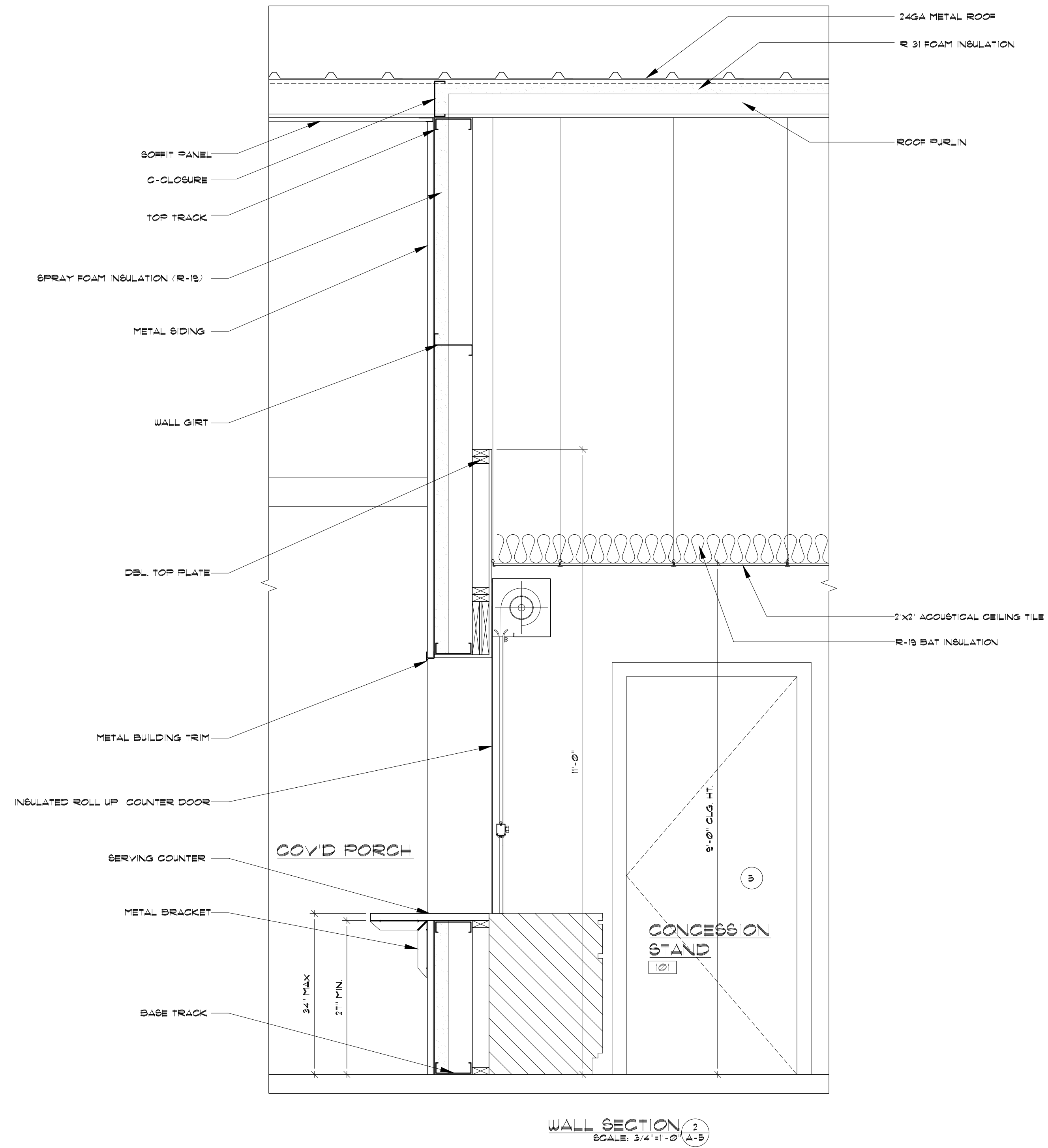
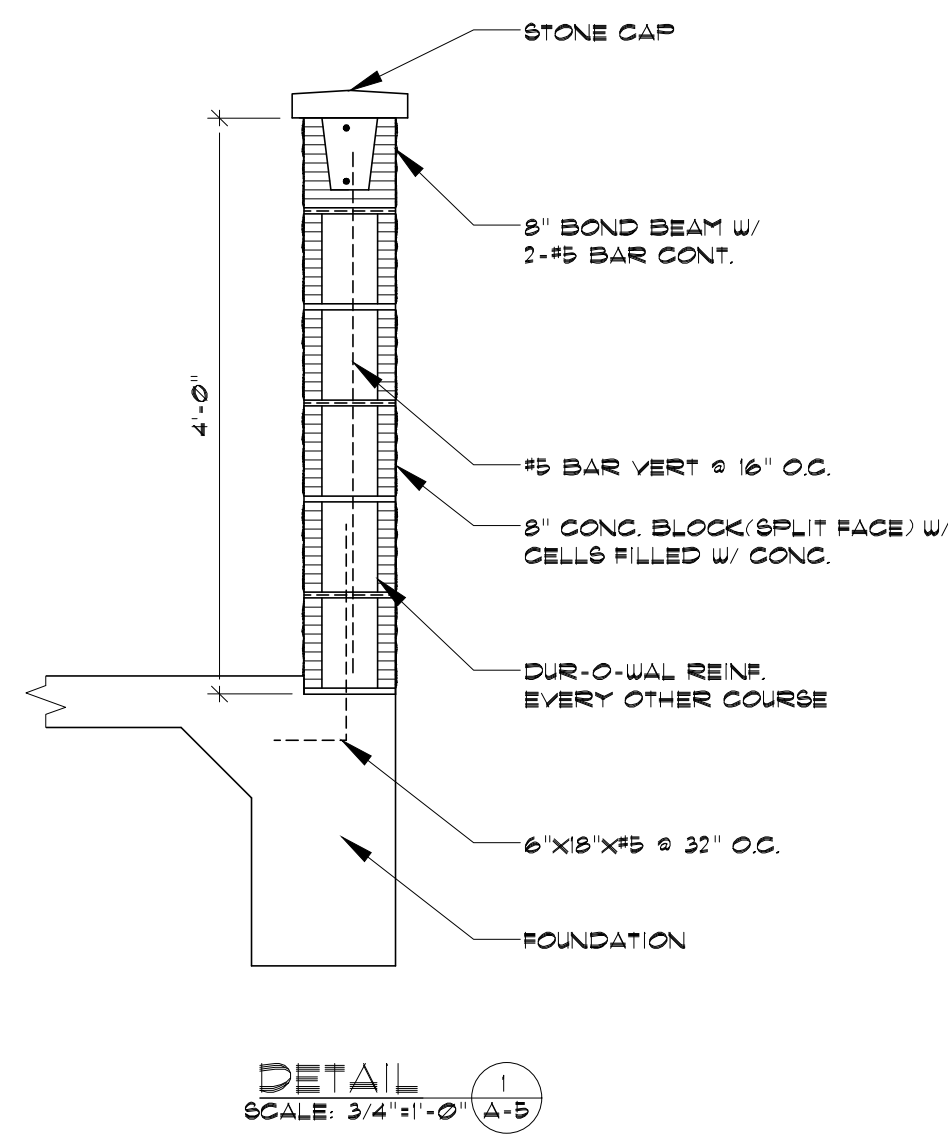
JOB NO.  
**23003RAN**  
DRAWN BY:  
**DJ**

DATE OF REVISIONS:  
**9/10/2023**

WALL SECTIONS  
**MULTI-PURPOSE FACILITY FOR  
RANGER COLLEGE**  
609 Cooper St., Ranger, TX, 76470

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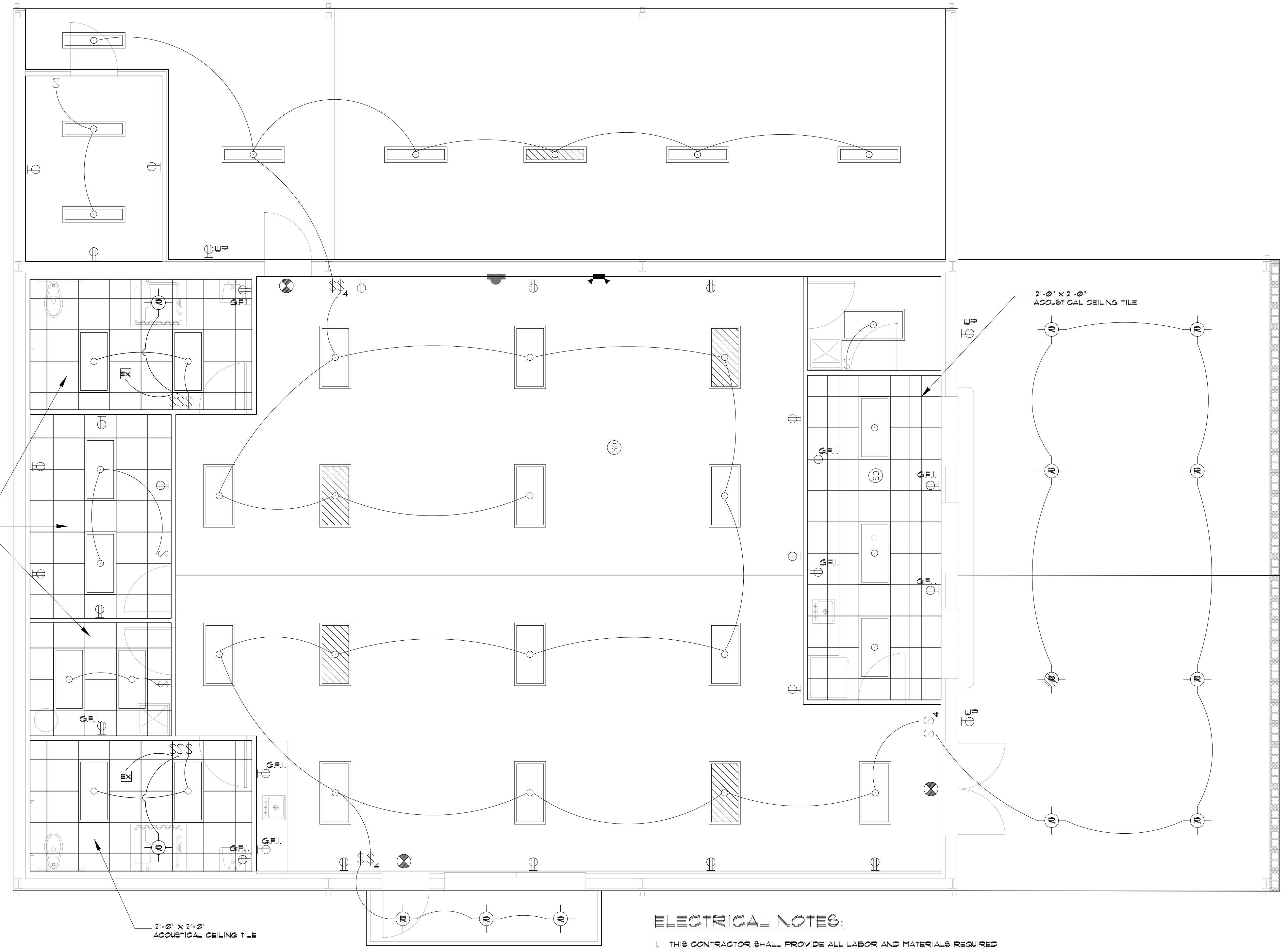
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WALL SECTIONS & DETAIL  
**MULTI-PURPOSE FACILITY FOR RANGER COLLEGE**  
609 Cooper St., Ranger, TX 76470

JOB NO. 23009AN  
DATE OF REVISIONS: 9/10/2023  
DRAWN BY: DJ

SHEET NO. A-5



**SCHEMATIC ELECTRICAL PLAN**

**ELECTRICAL NOTES:**

1. THIS CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO CONNECT ELECTRICAL POWER TO MECHANICAL EQUIPMENT.
2. ALL WORK AS PER GENERAL SPECIFICATIONS AND ALL NATIONAL STATE AND LOCAL CODES.
3. ALL WIRING, CONDUIT LABOR AND MATERIALS NOT SHOWN ON PLAN, BUT NECESSARY FOR COMPLETE AND PROPER OPERATION OF THE ELECTRICAL SYSTEM SHALL BE CONSIDERED AS PART OF THIS CONTRACTOR'S RESPONSIBILITY.

**ELECTRICAL SYMBOL SCHEDULE:**

	10 V. OUTLET
	10 V. GFI. OUTLET
	10 V. WATER PROOF OUTLET
	SINGLE TOGGLE SWITCH @ 48" AFF.
	3-WAY TOGGLE SWITCH @ 48" AFF.
	4-WAY TOGGLE SWITCH @ 48" AFF.
	EXHAUST FAN
	SMOKE DETECTOR
	2'x4' LED LIGHT FIXT.
	CROSSHATCHING DENOTES FIXTURE ON EMERGENCY CIRCUIT OR WITH EMERGENCY BATTERY PACK
	RECESSED LED DOWNLIGHT FIXT.
	1'x4' SURFACE MOUNTED LED FIXT.
	EXIT LIGHT
	EMERGENCY LIGHT

**NOTE:**  
LIGHT FIXTURES TO BE SELECTED BY OWNER

**GENERAL ELECTRICAL NOTES**

1. THE ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK PER GENERAL SPECIFICATIONS AND ALL CURRENT APPLICABLE NATIONAL STATE AND LOCAL CODES REGARDLESS OF WHETHER LISTED ON DRAWINGS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE COST OF ANY REQUIRED ELECTRICAL PERMITS, INSPECTIONS AND CODE REVIEW FEES NOT PAID BY THE GENERAL CONTRACTOR OR OWNER.
2. WHERE THESE PLANS AND SPECIFICATIONS DO NOT MEET THE MINIMUM STANDARDS OF ANY APPLICABLE CODES THE CODE SHALL PREVAIL. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT OR ENGINEER OF ANY DISCREPANCIES.
3. PRIOR TO BIDDING THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING PERMITS, SITE CONDITIONS AND EQUIPMENT.
4. THE ELECTRICAL CONTRACTOR SHALL CONTACT THE POWER COMPANY SERVING THE FACILITY AND DETERMINE WHAT, IF ANY, ADDITIONAL INSTALLATION WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS IS REQUIRED BY THE ELECTRICAL POWER SERVICE PROVIDER AND/OR PERMITTING AUTHORITY TO BRING THE POWER INPUT SERVICE FROM THE POINT OF SERVICE DESIGNATED BY THE POWER PROVIDER TO THE MAIN SERVICE DISCONNECT. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND COST OF ANY SUCH REQUIREMENTS.
5. ALL WIRING, CONDUIT MATERIALS ETC. AND ASSOCIATED LABOR NOT SHOWN ON THE PLANS AND DRAWINGS BUT NECESSARY FOR COMPLETE AND PROPER OPERATION OF THE ELECTRICAL SYSTEM SHALL BE CONSIDERED A PART OF THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY. ALL MATERIALS SHALL BE NEW AND BEAR THE UL LABEL OR LISTING WHEREVER STANDARDS HAVE BEEN ESTABLISHED.
6. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT SIZE AND TYPE REQUIREMENTS FOR OVERCURRENT PROTECTIVE DEVICES, CONDUCTOR AND CONDUIT SIZES TO SERVE THE ELECTRICAL COMPONENTS AND EQUIPMENT ACTUALLY INSTALLED. ANY SUCH REQUIRED VARIATIONS ARE A PART OF THIS PROJECTS AND SHALL BE ACCOMPLISHED WITHOUT ADDITIONAL CHARGE.
7. DEVIATIONS FROM DRAWINGS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR PRIOR TO INSTALLATION. AS BUILT DRAWINGS SHOWING ANY DEVIATIONS TO THE INSTALLATION LOCATIONS FOR ITEMS SHOWN ON THE PROJECT DRAWINGS SHALL BE DELIVERED TO THE OWNER OR ARCHITECT.
8. THE ENTIRE ELECTRICAL SYSTEM SHALL BE GROUNDED AS SPECIFIED IN THE NATIONAL ELECTRICAL CODE.
9. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER TO THE PROJECT IF IT IS REQUIRED.
10. THE ELECTRICAL CONTRACTOR SHALL CONTACT THE GENERAL CONTRACTOR AND / OR OWNER AND DETERMINE IF THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY TELEPHONE AND / OR DATA COMMUNICATION EQUIPMENT, CONDUIT, WIRING OR FITTINGS. SUCH INSTALLATION SHALL BE A PART OF THIS PROJECT WHETHER OR NOT SHOWN ON THE DRAWINGS. ANY TELEPHONE, TV OR DATA CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE ELECTRICAL CONTRACTOR. ELECTRICAL INSTALLATION SHALL TAKE PRECEDENCE. THE LOCATION OF OUTLET BOXES FOR THESE CIRCUITS SHALL BE WHERE DESIGNATED BY THE GENERAL CONTRACTOR AND OWNER.
11. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO CONNECT ELECTRICAL POWER TO MECHANICAL EQUIPMENT IDENTIFIED ON THE DRAWINGS OR IN THE CONTRACT DOCUMENTS.
12. ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF LIGHT FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLAN AND WITH THE HVAC CONTRACTOR.
13. ELECTRICAL DUPLEX OUTLETS AND SWITCHES SHALL BE RATED 15 AMP MINIMUM.
14. ELECTRICAL AND COMMUNICATIONS SYSTEMS RECEPTACLES ON WALLS OR COLUMNS SHALL BE MOUNTED SO THAT THE POINT OF CONNECTION IS NO LESS THAN 5 INCHES ABOVE THE FINISHED FLOOR UNLESS OTHERWISE SPECIFIED (PER ADA).
15. WALL MOUNTED LIGHTING SWITCHES AND HVAC CONTROLS SHALL BE MOUNTED NO HIGHER THAN 48 INCHES ABOVE THE FINISHED FLOOR UNLESS OTHERWISE NOTED. #14 AWG WIRES USED FOR LIGHTING AND RECEPTACLE HOME RUNS LONGER THAN 100 FEET SHALL BE INCREASED IN SIZE TO #10 AWG.
16. THE ELECTRICAL CONTRACTOR SHALL USE EXTREME CARE IN LOCATING ALL SWITCHES, OUTLETS, ETC. SO THEY DO NOT INTERFERE WITH DOOR AND BASE TRIM OR OTHER ARCHITECTURAL FEATURES SHOWN ON ARCHITECTURAL DRAWINGS.
17. ALL CONDUCTORS INCLUDING GROUNDING CONDUCTORS SHALL BE COPPER. MORE THAN THREE CURRENT CARRYING CONDUCTORS SHALL NOT BE INSTALLED IN A RACEWAY WITHOUT INCREASING THEIR AMPACITY IF REQUIRED USING THE ADJUSTMENT FACTORS LISTED IN THE APPLICABLE NATIONAL ELECTRICAL CODE. DO NOT EXCEED THE MAXIMUM NUMBER OF CONDUCTORS IN A JUNCTION BOX OR OTHER DEVICE AS SPECIFIED IN THE APPLICABLE NATIONAL ELECTRICAL CODE.
18. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LAMPS IN ALL FIXTURES AND VERIFY NUMBER, SIZE, TYPE AND COLOR OF FIXTURES FURNISHED BY OTHERS. FLUORESCENT BULBS SHALL BE RATED 400 K DEGREES MINIMUM UNLESS OTHERWISE SPECIFIED.
19. EMPTY CONDUIT SHALL CONTAIN A FULL STRING AND HAVE AN INSULATED BUSHING AT ITS OPEN END. ALL CONDUIT IN OR UNDER FLOOR SHALL BE 3/4 INCH MINIMUM. CONDUIT CONTAINING MORE THAN 3 CURRENT CARRYING CONDUCTORS SHALL BE 1/2 INCH MINIMUM.
20. ALL ELECTRICAL, DATA, TELEPHONE, COMMUNICATIONS, ETC. WIRES, CABLES, CONDUITS, WIREWAYS, ETC. PENETRATING FIRE RATED STRUCTURE SHALL BE PROPERLY FIRE-STOPPED BY PROPER INSTALLATION OF EITHER UL LISTED FIRE COLLARS OR CAULKING.
21. THE ELECTRICAL CONTRACTOR AND THE FIRE SUPPRESSION CONTRACTOR SHALL COORDINATE WITH EACH OTHER PRIOR TO CONSTRUCTION TO ASSURE THAT THERE ARE NO CONFLICTS BETWEEN LOCATIONS OF LIGHT FIXTURES AND SPRINKLER HEADS.
22. ANY FIRE SUPPRESSION SYSTEM AND / OR ANY FIRE AND SMOKE ALARM SYSTEM REQUIREMENTS SHALL BE ACCOMPLISHED ON THE DESIGN / BUILD METHOD BY THE TRADE SUB-CONTRACTOR. ALL DESIGN AND ENGINEERING SHALL BE SUBMITTED TO THE OWNER AND ARCHITECT FOR APPROVAL. THE FOLLOWING ITEMS SHALL BE DESIGNED, ENGINEERED, SUPPLIED AND INSTALLED BY THE VENDOR. THE VENDOR SHALL MEET ALL CODES AND ORDINANCES AND SHALL PAY ALL REVIEW AND INSPECTION FEES, TAP OR CONNECTION FEES AND INSPECTION FEES. ALL DESIGN AND ENGINEERING SHALL BE SUBMITTED TO THE OWNER AND ARCHITECT FOR APPROVAL PRIOR TO CONTRACTING.  
COMPUTER DATA LINES OR LINKS  
SECURITY AND SURVEILLANCE SYSTEM  
TELEPHONE SYSTEM  
CABLE TV SYSTEM
23. ALL ACCESSIBLE KITCHEN AND RESTROOM ELECTRICAL OUTLETS SHALL BE 20AMP GFI.
24. INSTALL A MINIMUM OF ONE ONE INCH DIAMETER EMPTY CONDUIT FROM EACH CIRCUIT BREAKER PANEL INTO AN ACCESSIBLE ABOVE CEILING AREA TO FACILITATE ADDITION OF CIRCUITS. CAP THE END WITH A REMOVABLE CAP.
25. THE SMOKE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA'S STANDARD 72 AND ANY OTHER APPLICABLE NATIONAL, STATE AND / OR LOCAL CODES.
26. SMOKE ALARM DETECTORS SHALL BE AC POWERED AND SHALL HAVE BATTERY BACK UP. MANUFACTURERS SPECIFICATIONS REGARDING INSTALLATION SHALL BE FOLLOWED.
27. VISUAL AND AUDIBLE SMOKE ALARM CIRCUIT SHALL BE INTERCONNECTED AS SHOWN OR SPECIFIED ON THE PLANS AND IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. THE NUMBER OF ACCESSORIES CONNECTED TO THE ALARM CIRCUIT SHALL NOT EXCEED THE MAXIMUM NUMBER SPECIFIED BY THE MANUFACTURER.
28. INSTALL WALL SMOKE ALARMS 6 INCHES BELOW CEILING OR 80 INCHES AFF, WHICHEVER IS LOWER.
29. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE SPECIFICATIONS FOR THE SERVICE ENTRANCE EQUIPMENT WITH THE EQUIPMENT SUPPLIER.
30. THE ELECTRICAL CONTRACTOR SHALL NOTIFY THE MECHANICAL CONTRACTOR WHETHER THE ELECTRICAL POWER VOLTAGE SUPPLIED TO MECHANICAL EQUIPMENT IS 120/208 OR 120/240 VOLTS.

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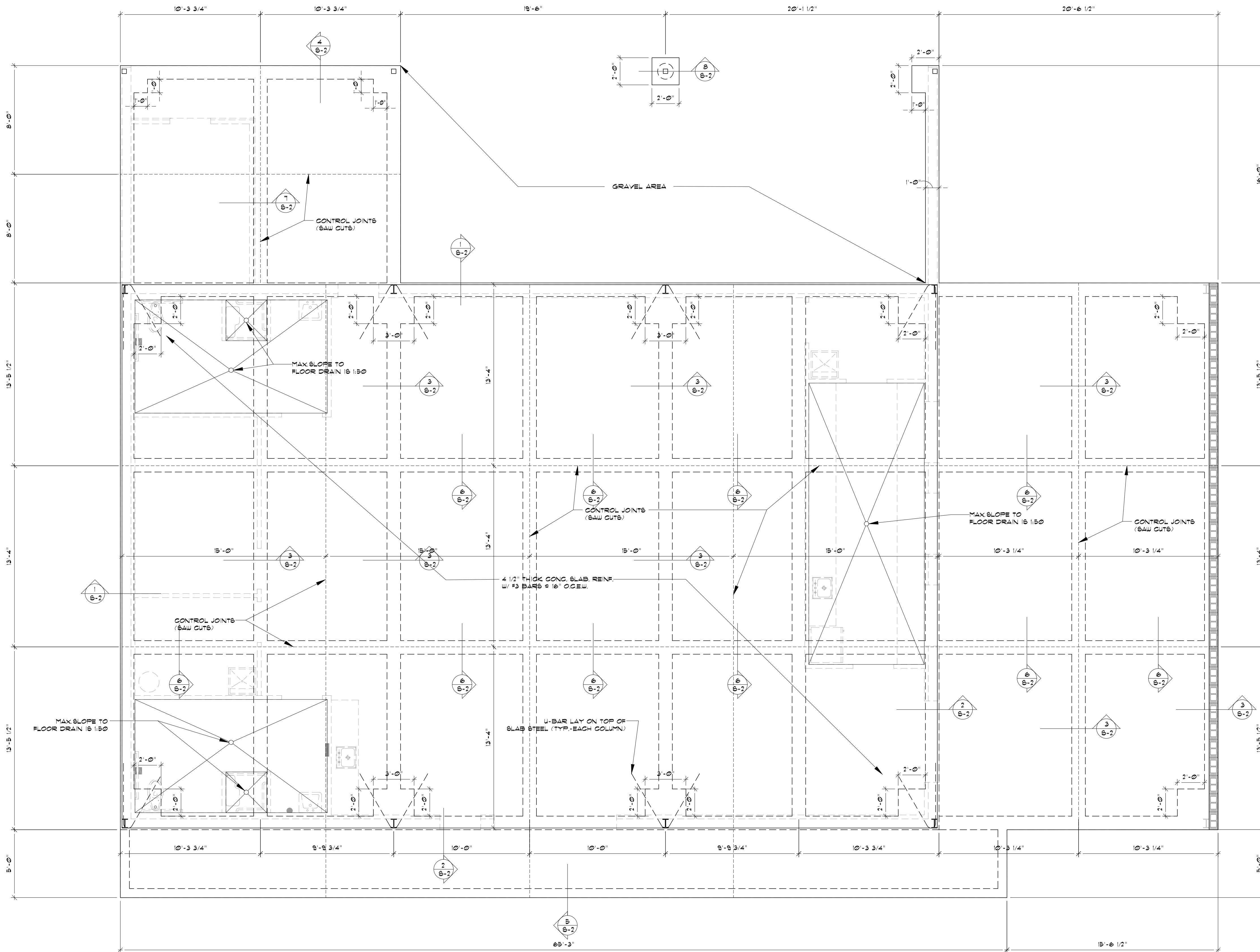
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SCHEMATIC ELECTRICAL PLAN  
MULTI-PURPOSE FACILITY FOR  
RANGER COLLEGE  
609 Cooper St., Ranger, TX 76470

DATE OF REVISIONS: 9-8-2023  
JOB NO. 23003RAN  
DRAWN BY: DJ

SHEET NO. III



**FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"

**GENERAL FOUNDATION NOTES**

1. A GEOTECHNICAL INVESTIGATION OF THE SOIL AT THIS SITE WAS NOT MADE THEREFORE, CERTAIN ASSUMPTIONS HAD TO BE MADE DURING THE PROCESS OF PREPARING THE CONTRACT DOCUMENTS. SHOULD THE CONTRACTOR EXPERIENCE ANY UNUSUAL SOIL CONDITIONS, HE SHALL REPORT HIS FINDINGS TO THE ARCHITECT FOR FURTHER STUDY.
2. ASSUMED SOIL BEARING CAPACITY IS 3000 POUNDS PER SQ. FT.
3. ALL BEAM AND SLAB REINFORCING SHALL EXTEND TO WITHIN 1 1/2" OF EXTERIOR FORMS.
4. BEAM REINFORCING SHALL BE TIED AND SUPPORTED AT A MINIMUM OF 12" O.C.
5. LAP ALL REINFORCING BARS 40 DIAMETERS.
6. ALL HORIZONTAL BARS SHALL BE TIED AT CORNERS WITH BARS OF THE SAME SIZE AND SPACING.
7. ALL PERIMETER FOOTINGS SHALL EXTEND A MINIMUM OF 16" BELOW FINISH GRADE TO PREVENT FREEZE PENETRATION.
8. FINISH FLOOR ELEVATION SHALL BE A MINIMUM OF 8" ABOVE ADJACENT FINISH GRADE.
9. GRADE SITE TO CARRY WATER AWAY FROM BUILDING AND TO PREVENT FLOODING.
10. ANY EXPOSED VERTICAL SURFACE ON EXTERIOR FOOTINGS SHALL HAVE A HAND RUBBED FINISH.
11. VERIFY ALL DIMENSIONS PRIOR TO POURING CONCRETE.
12. BOTTOM OF ALL LOAD BEARING FOOTINGS SHALL EXTEND A MINIMUM OF 8" INTO UNDISTURBED SOIL OR PROPERLY COMPACTED SOIL. VERTICAL DIMENSIONS WILL HAVE TO BE ESTABLISHED AFTER LOCATION OF BUILDING IS SET WITH RESPECT TO EXISTING GRADES OF THE PROPERTY.
13. CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID IN ORDER TO EXAMINE EXISTING SOIL CONDITIONS, STUDY DRAINAGE OF THE SITE AND TO DETERMINE THE AMOUNT OF CUT AND FILL NECESSARY TO COMPLETE THE PROJECT.
14. TREAT SOIL AT BUILDING SITE FOR TERMITES.
15. REMOVE ALL VEGETATION, ROOTS AND LARGE ROCKS FROM BUILDING SITE.
16. EXPOSED SUB GRADE SHALL BE PROOF ROLLED AND COMPACTED TO 95% STANDARD PROCTOR (ASTM D 698). NO BURE CONTENT TO BE SLIGHTLY ABOVE ITS OPTIMUM AS DETERMINED ON SITE MATERIALS.
17. ADD SELECT FILL (F1-B&B) IN 8" LIFTS AND COMPACT TO 95% STANDARD PROCTOR. CONTINUE THIS PROCESS UNTIL DESIRED GRADE HAS BEEN ACHIEVED.

**CONCRETE CURING, SITE PREPARATION AND GRADING SHALL CONFORM TO ACI'S RECOMMENDATIONS.**

1. A LAYER OF 10 MIL POLYETHYLENE WITH LAPPED JOINTS SHALL BE PLACED BETWEEN THE CUSHION SAND AND THE SLAB.
2. REINFORCING STEEL SHALL BE SUPPORTED ON CHAIRS AT A MAXIMUM SPACING OF 4 FEET.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. ARCHITECTURAL DRAWING DIMENSIONS SHALL GOVERN.
4. CONTRACTOR SHALL COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS FOR ALL OPENINGS, DROPS, INSERTS, SLOPES, BRICK LEDGES AND RELATED ITEMS. WHERE DISCREPANCIES ARE NOTED THE ARCHITECTURAL PLANS SHALL CONTROL.
5. PLUMBING LINES MAY CROSS BEAMS BUT SHALL NOT BE LOCATED WITHIN THE BEAMS.
6. THE OWNER (CONTRACTOR) IS ADVISED THAT INSPECTION SERVICES ARE AVAILABLE FOR THE FORMING, STEEL PLACEMENT AND POURING OF THE FOUNDATION. SHOULD THE OWNER (CONTRACTOR) ELECT NOT TO UTILIZE THESE INSPECTION SERVICES THEN THE ARCHITECT MAKES NO STATEMENT OR GUARANTEE THAT THE FOUNDATION IS CONSTRUCTED IN ACCORDANCE WITH THESE DESIGN PLANS.

**SITE PREPARATION:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
2. SOIL SHOULD BE COMPACTED TO A DRY DENSITY OF 95% STANDARD PROCTOR (ASTM D 698).
3. COMPACTION OF FILL SHALL BE ACCOMPLISHED WITH A MAXIMUM OF 8 INCH LIFTS.

**MATERIAL SPECIFICATIONS:**

1. CONCRETE SHALL BE CLASS "A" TRANSIT MIXED WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS AND SHALL CONFORM TO ACI - 301 AND ASTM C84.
2. REINFORCEMENT SHALL BE GRADE 60 IN ACCORDANCE WITH ASTM A 615.

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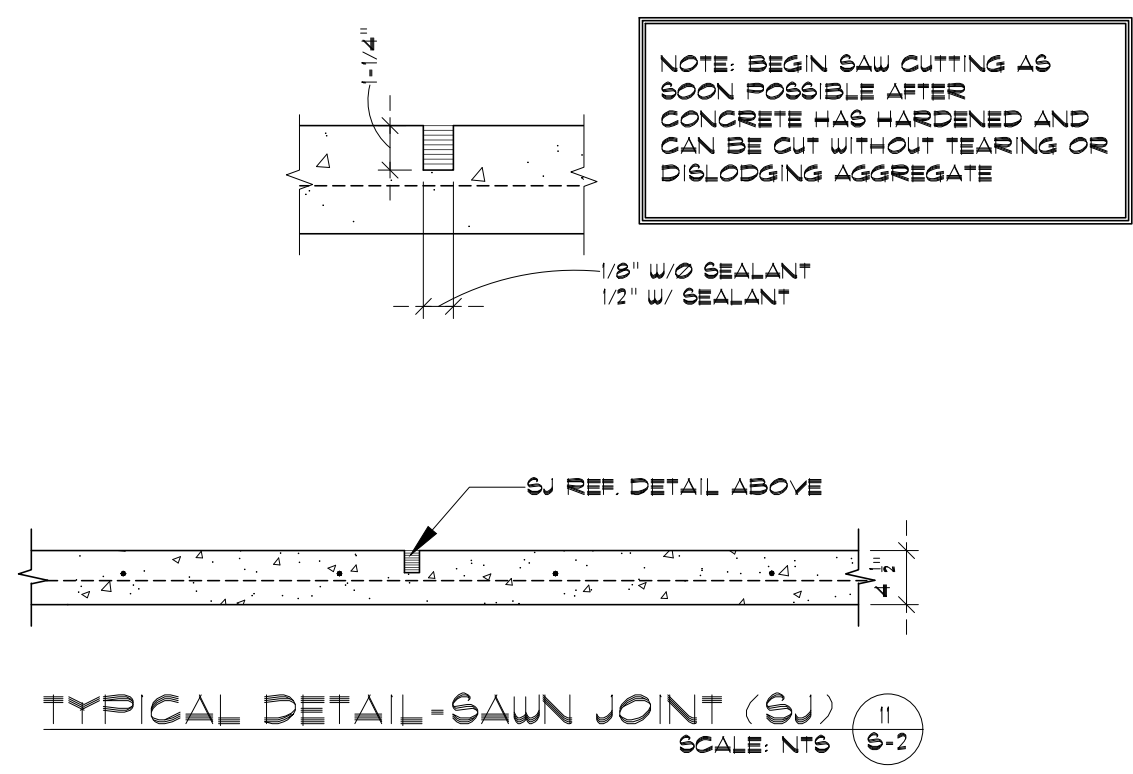
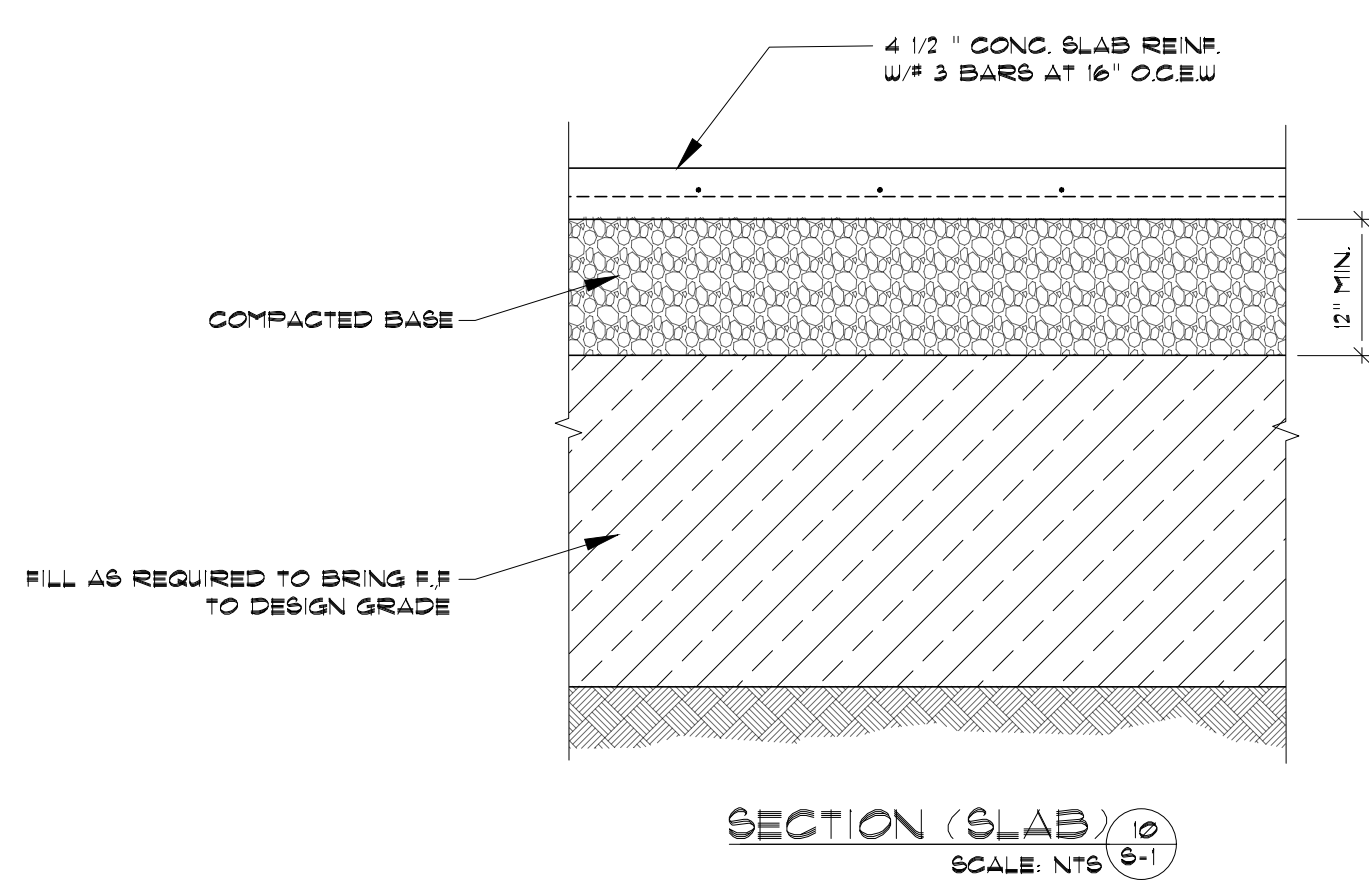
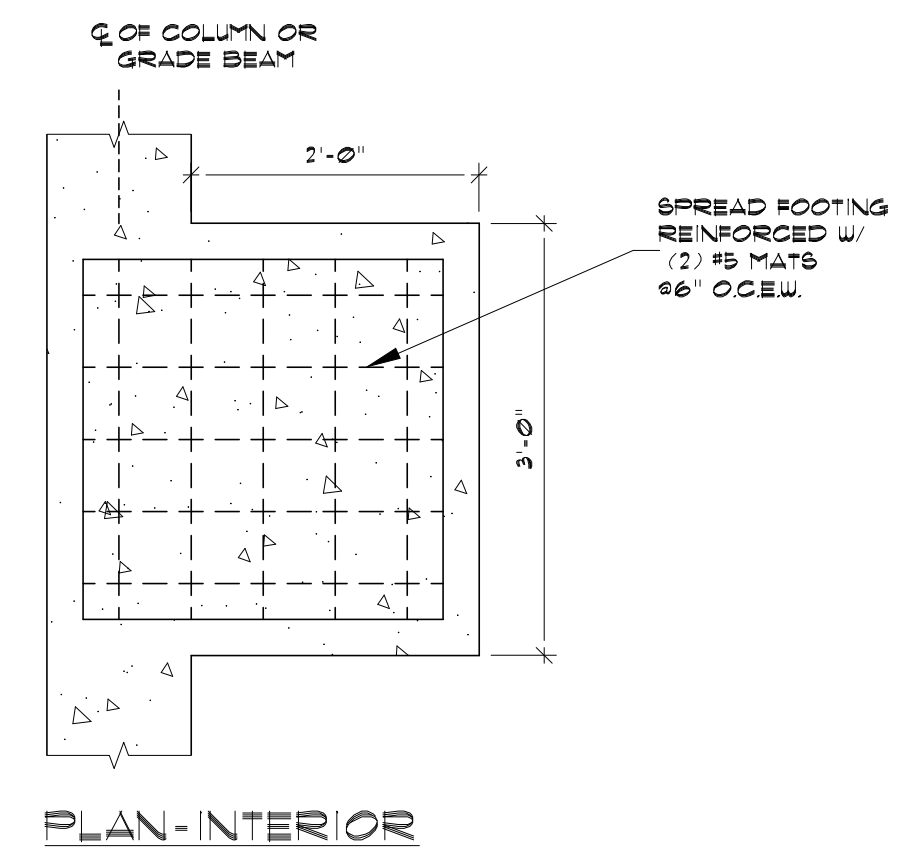
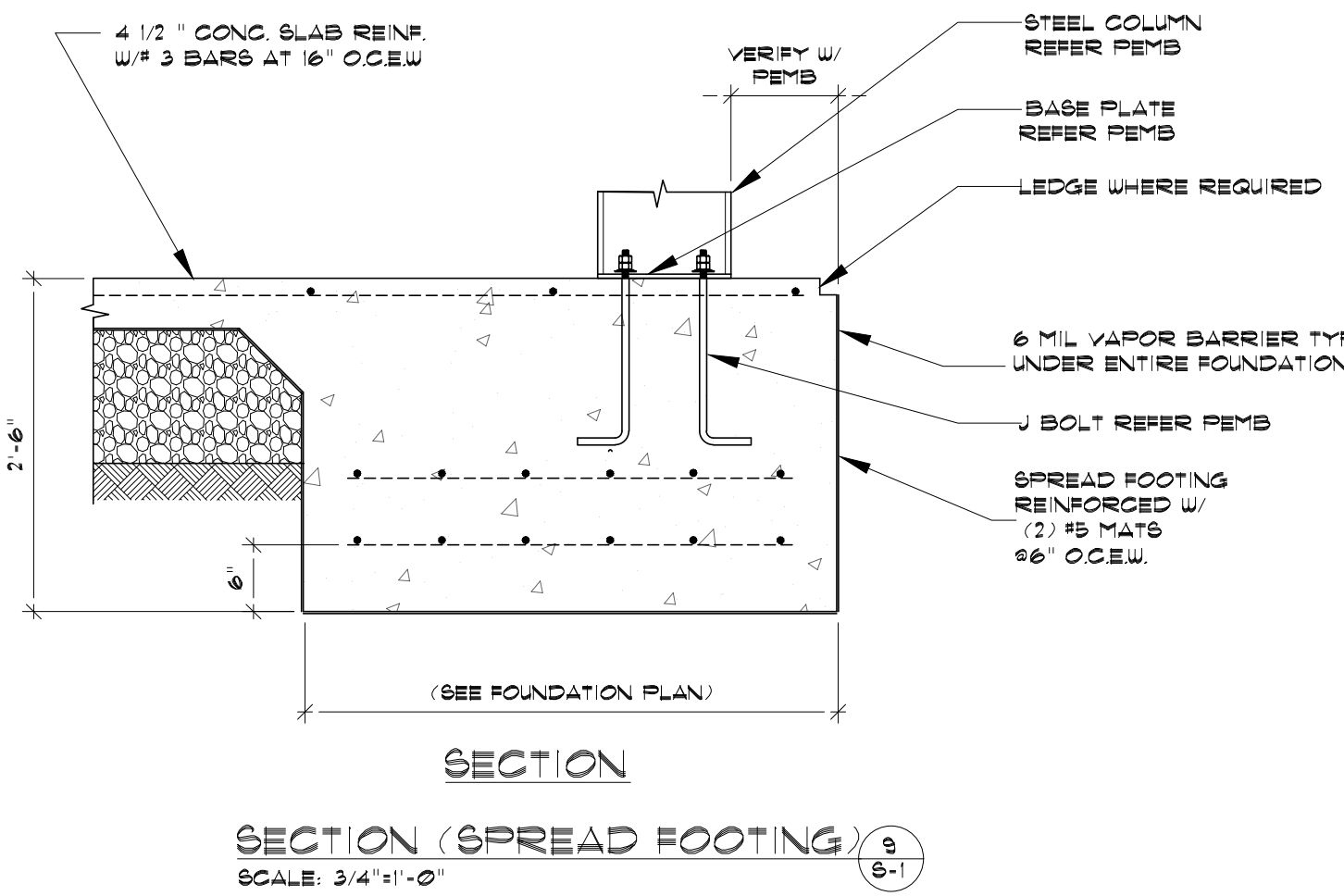
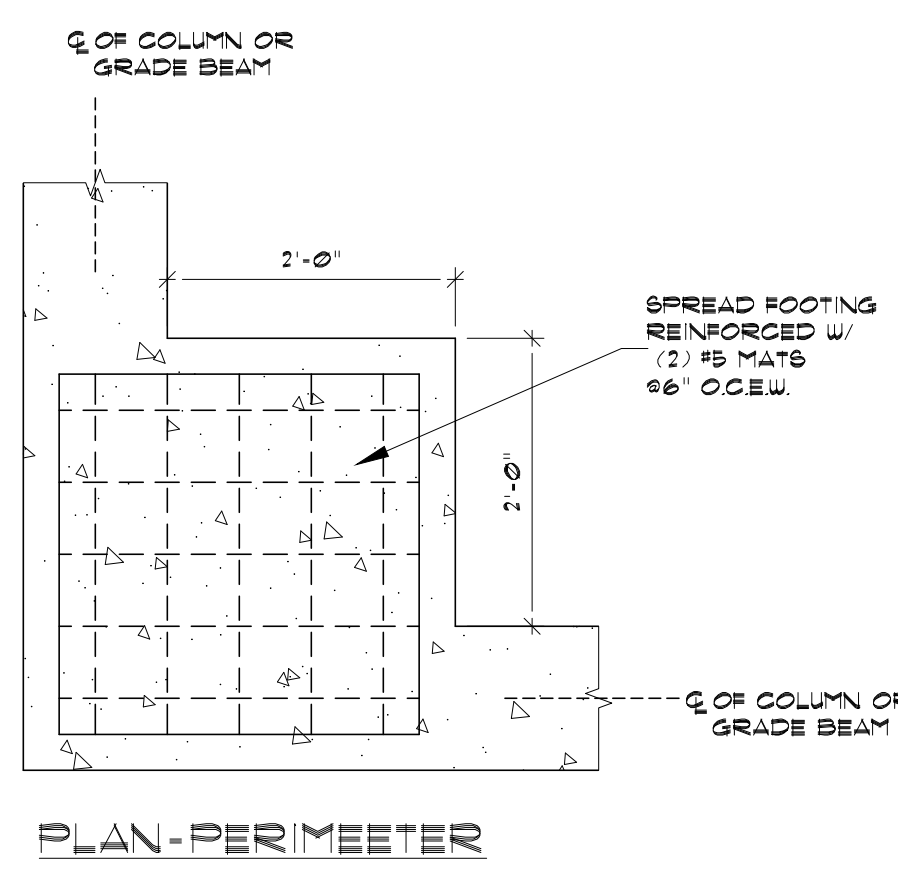
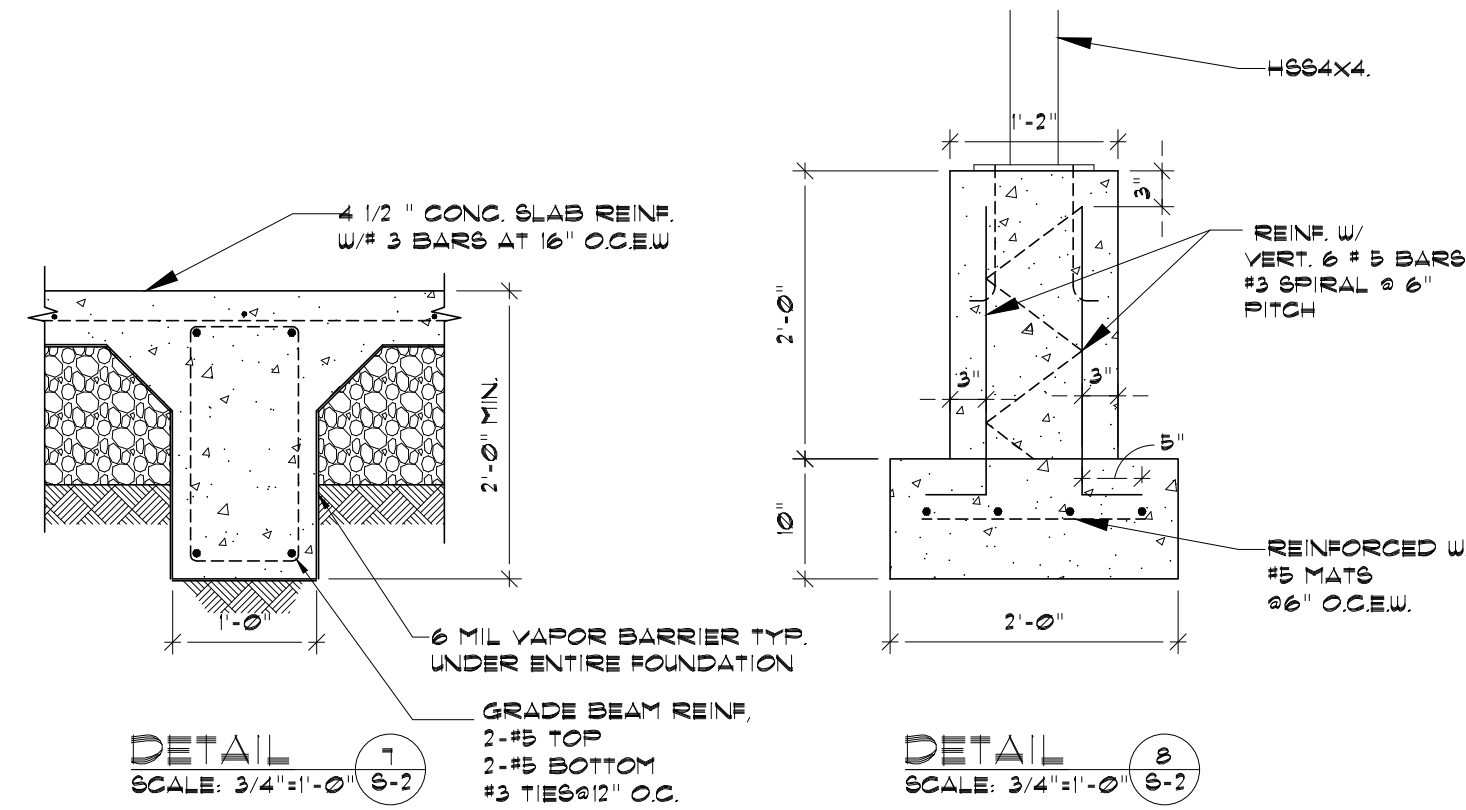
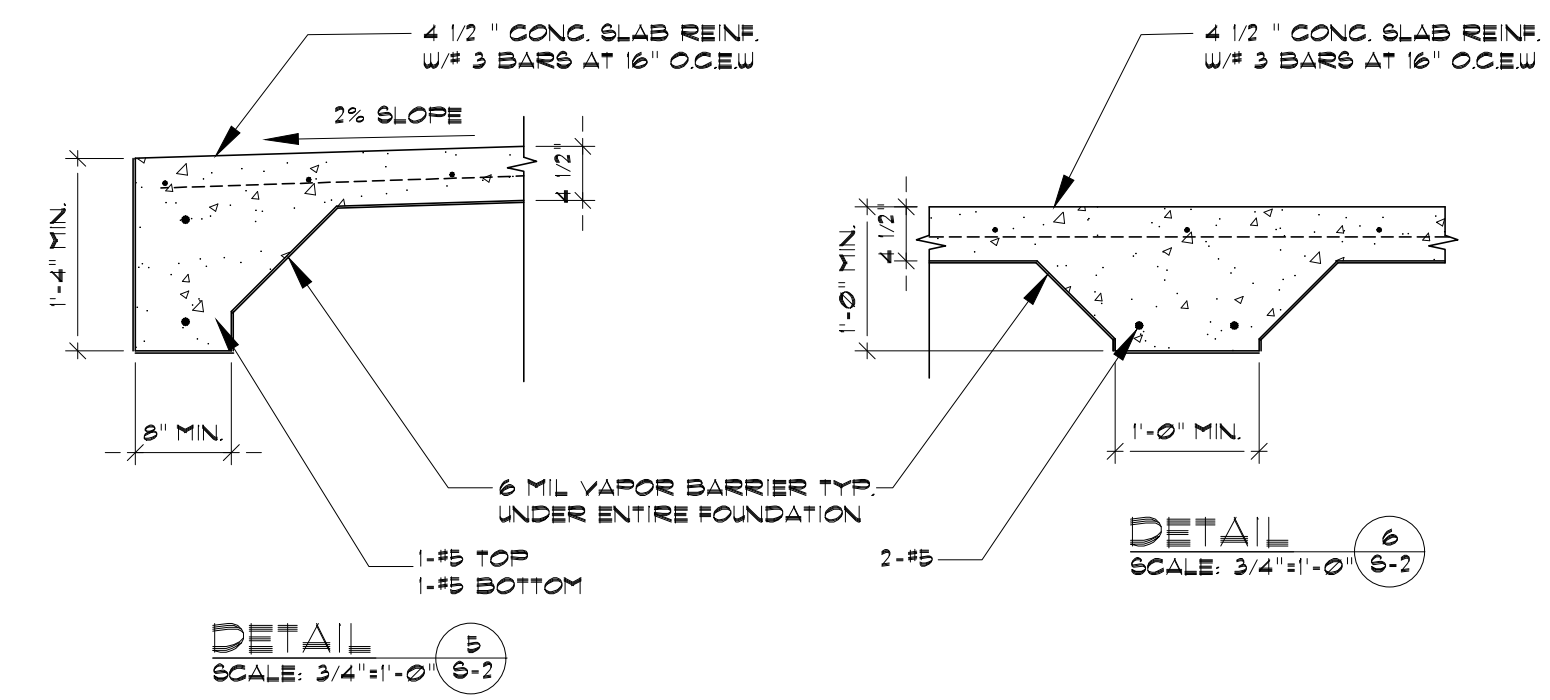
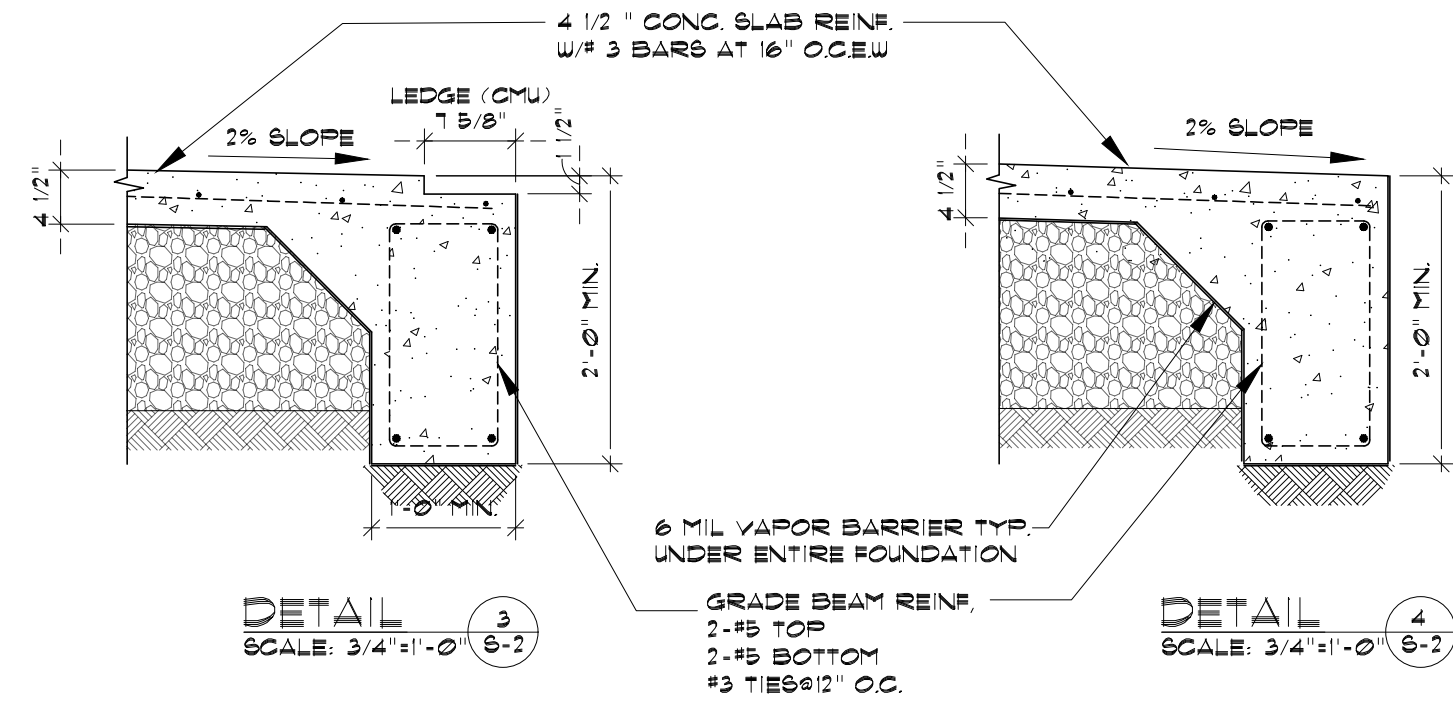
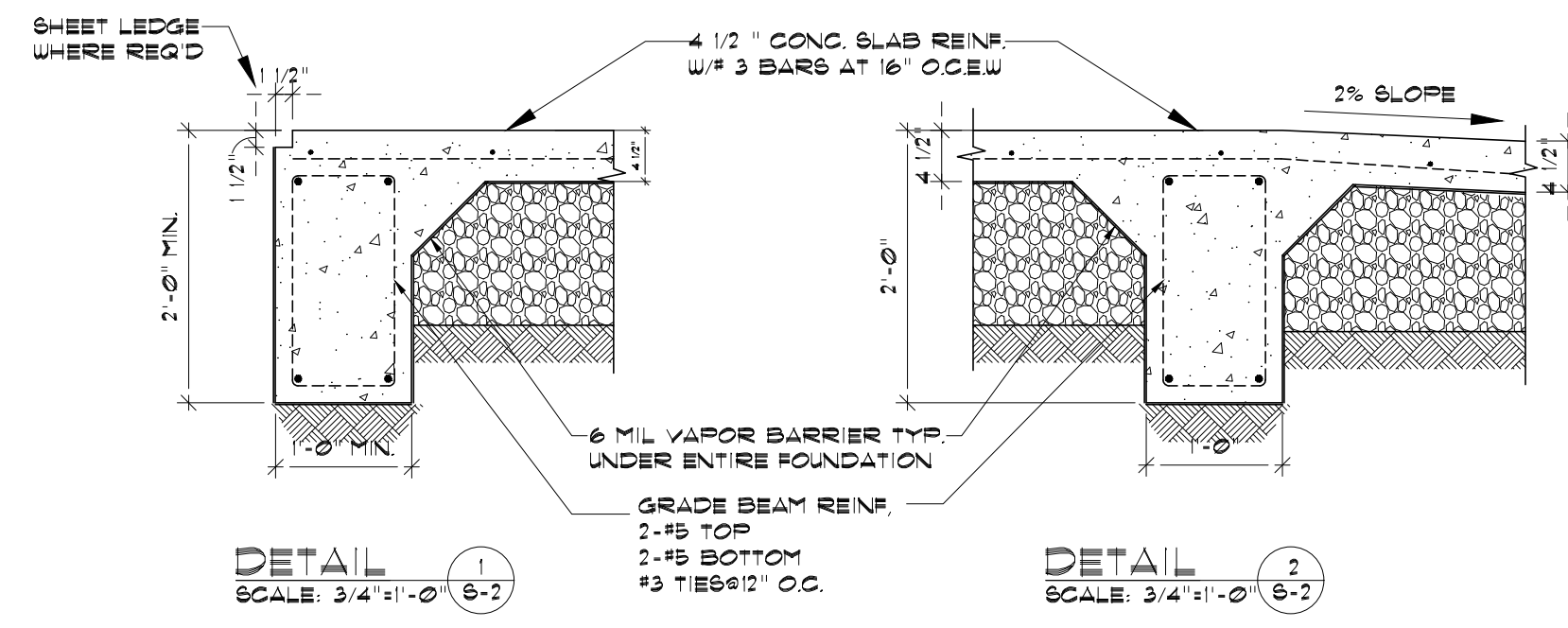
**FOUNDATION PLAN**  
**MULTI-PURPOSE FACILITY FOR**  
**RANGER COLLEGE**  
609 Cooper St., Ranger, TX 76470

DATE OF REVISIONS:

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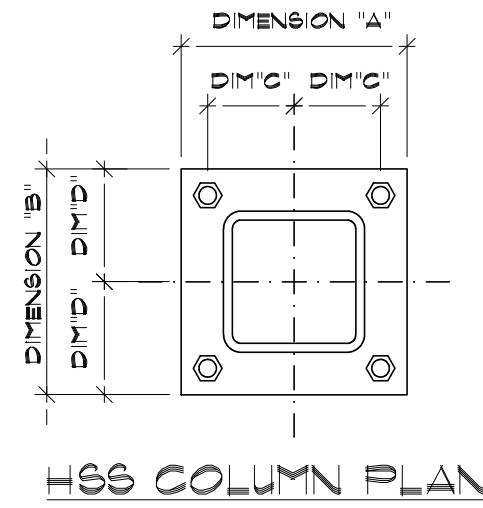
SHEET NO. 6-1





CONTROL JOINT (SAW CUT) LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURE PRIOR TO CUTS BEING MADE. SAW CUT LOCATIONS MAY BE AS REQUIRED BUT THEIR SPACING SHOULD NOT EXCEED 15'-0" IN EITHER DIRECTION.

COLUMN SIZE	BASE PLATE DIMENSIONS (INCHES)				
	A	B	C	D	T
HSS4X4	10	10	3 1/2	3 1/2	3/8
HSS5X5	11	11	4	4	3/8
HSS6X6	12	12	4 1/2	4 1/2	3/8



**COLUMN, BASE PLATE SCHEDULE 12**  
SCALE: NTS (S-2)

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**FOUNDATION DETAILS**  
**MULTI-PURPOSE FACILITY FOR**  
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SHEET NO. S-2