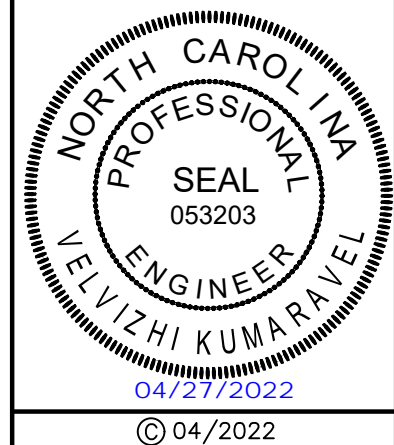
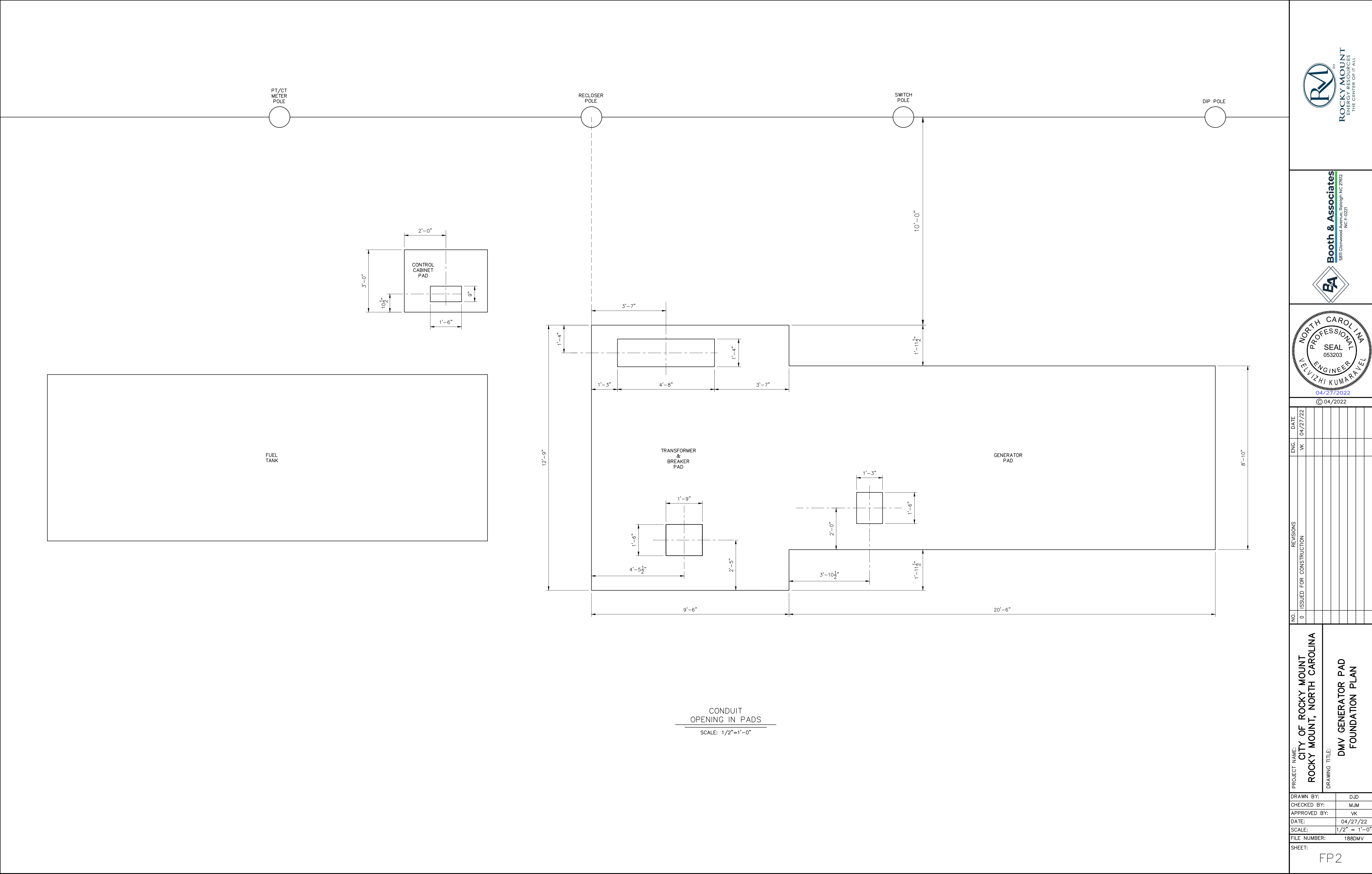
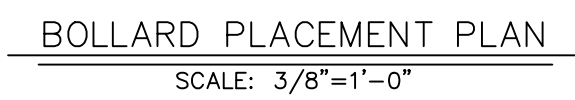
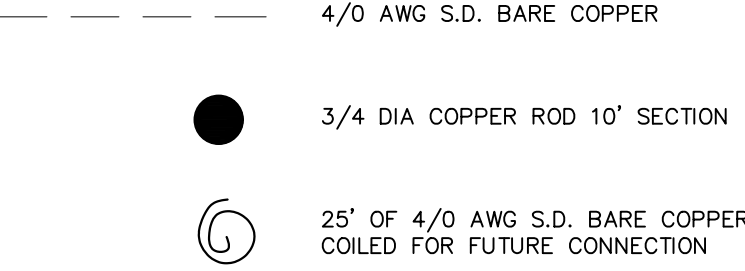


OVERALL LAYOUT
SCALE: 3/8"=1'-0"







SCALE: $3/8"=1'-0"$



GENERATOR, BREAKER & TRANSFORMER PAD-PAD 1

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

- FOUNDATIONS HAVE BEEN DESIGNED TO REST ON UNDISTURBED SOIL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 2,000 PSF. IF UNDESIRABLE SOIL CONDITIONS ARE ENCOUNTERED THE ENGINEER OF RECORD SHALL BE NOTIFIED.
- ALL EQUIPMENT SHALL BE MOUNTED AS RECOMMENDED BY THE MANUFACTURER.

NOTES

1. THE FOUNDATION CONTRACTOR SHALL AT ALL TIMES FULLY COMPLY WITH ALL OSHA STANDARDS AS WELL AS THE OWNER'S SAFETY STANDARDS, AS A MINIMUM, ESPECIALLY WITH REGARD TO SHORING OF ALL EXCAVATIONS. THE ENGINEER OR OWNER WILL IMMEDIATELY HALT CONSTRUCTION ACTIVITIES IF THE CONTRACTOR DOES NOT COMPLY WITH THESE STANDARDS. FAILURE TO COMPLY AT ALL TIMES WITH THESE STANDARDS WILL RESULT IN DISMISSAL FROM THE PROJECT.
2. THE FOUNDATION CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES OF OSHA STANDARDS AS WELL AS THE OWNER'S SAFETY STANDARDS. COPIES SHALL BE AVAILABLE ON SITE AT ALL TIMES DURING CONSTRUCTION.
3. ALL FOUNDATIONS TO BE CARRIED TO FIRM UNDISTURBED EARTH OR COMPACTED FILL.
4. WASHED STONE AND STRUCTURAL FILL SHALL BE COMPACTED AS SPECIFIED IN THE FOUNDATION SPECIFICATIONS.
5. REINFORCING STEEL SHALL BE GRADE 60 ASTM A-615 OR A-617.
6. FOR QUANTITY, LENGTH & SHAPE OF RODS SEE REBAR SUMMARY & BENDING LEGEND.
7. CONCRETE SHALL BE 4500 P.S.I. @ 28 DAYS. CONCRETE SHALL BE AIR ENTRAINMENT WITH AN AIR CONTENT BETWEEN FIVE AND SEVEN PERCENT (5%-7%).
8. CONCRETE SLUMP SHALL BE 4" ± 1". THE CONTRACTOR SHALL MAKE OR HAVE MADE A MINIMUM OF ONE (1) SLUMP TEST IN ACCORDANCE WITH ASTM C 143 FOR EACH TRUCKLOAD OF CONCRETE DELIVERED.
9. CONCRETE COVER OVER REINFORCING STEEL SHALL BE THREE INCHES (3") MINIMUM UNLESS OTHERWISE NOTED.
10. ALL CONCRETE TO BE THOROUGHLY VIBRATED DURING PLACEMENT INTO FORMS TO ENSURE ALL VOIDS ARE FILLED.
11. ALL FOUNDATIONS TO BE CHAMFERED ONE INCH (1") AROUND ALL TOP EDGES. UNLESS OTHERWISE SHOWN.
12. CONTRACTOR IS RESPONSIBLE TO COORDINATE INSTALLATION OF ANY CONDUITS LOCATED UNDERNEATH OR PROTRUDING THROUGH FOUNDATIONS. SEE CONDUIT PLAN AND DETAILS FOR CONDUIT LOCATIONS.
13. ALL CONDUITS, WHEN REQUIRED, ARE TO BE PLUGGED OR CAPPED DURING INITIAL CONSTRUCTION TO PREVENT CONTAMINATION.
14. A CONCRETE BONDING AGENT CONFORMING TO ASTM C1059 SHALL BE APPLIED TO ALL ROUGHENED SURFACES PRIOR TO PLACING FRESH CONCRETE.
15. THE CONTRACTOR SHALL PREPARE, OR HAVE PREPARED, IN ACCORDANCE WITH ASTM C-31, FIVE (5) TEST CYLINDERS FROM EACH TRUCKLOAD OF CONCRETE DELIVERED TO THE SITE. WITHIN 24 HOURS AFTER BEING PREPARED, THE CYLINDERS SHALL BE DELIVERED TO A QUALIFIED TESTING LABORATORY AND TESTED IN ACCORDANCE WITH THE CONCRETE SPECIFICATIONS AND ASTM C-39. TEST RESULTS ARE TO BE PROVIDED TO THE ENGINEER FOR EVALUATION AND DIRECTION OF CORRECTIVE ACTION IF NEEDED.
16. THE CONTRACTOR SHALL MEET OR EXCEED ALL REQUIREMENTS OF THE CONCRETE SPECIFICATIONS.

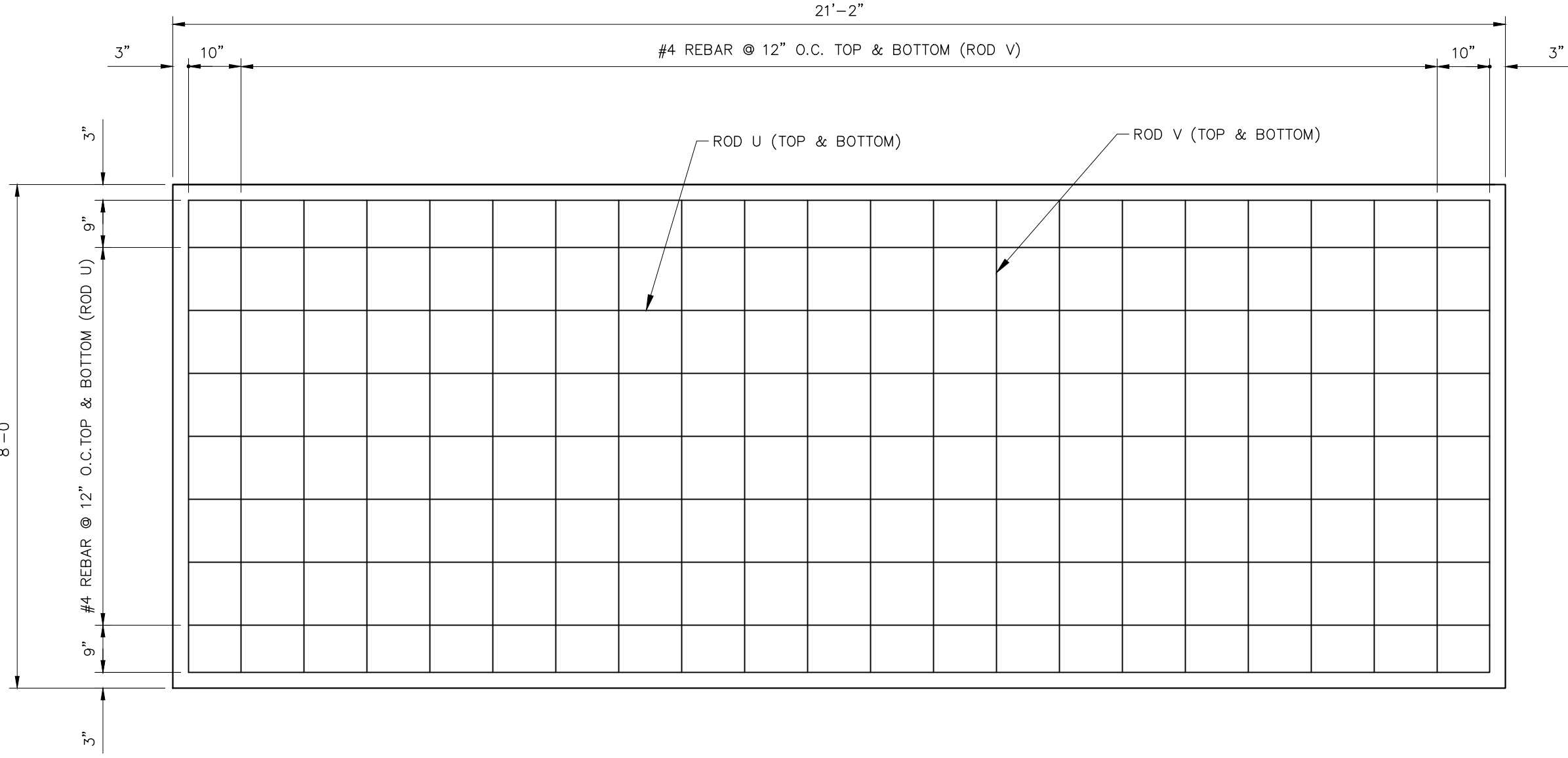
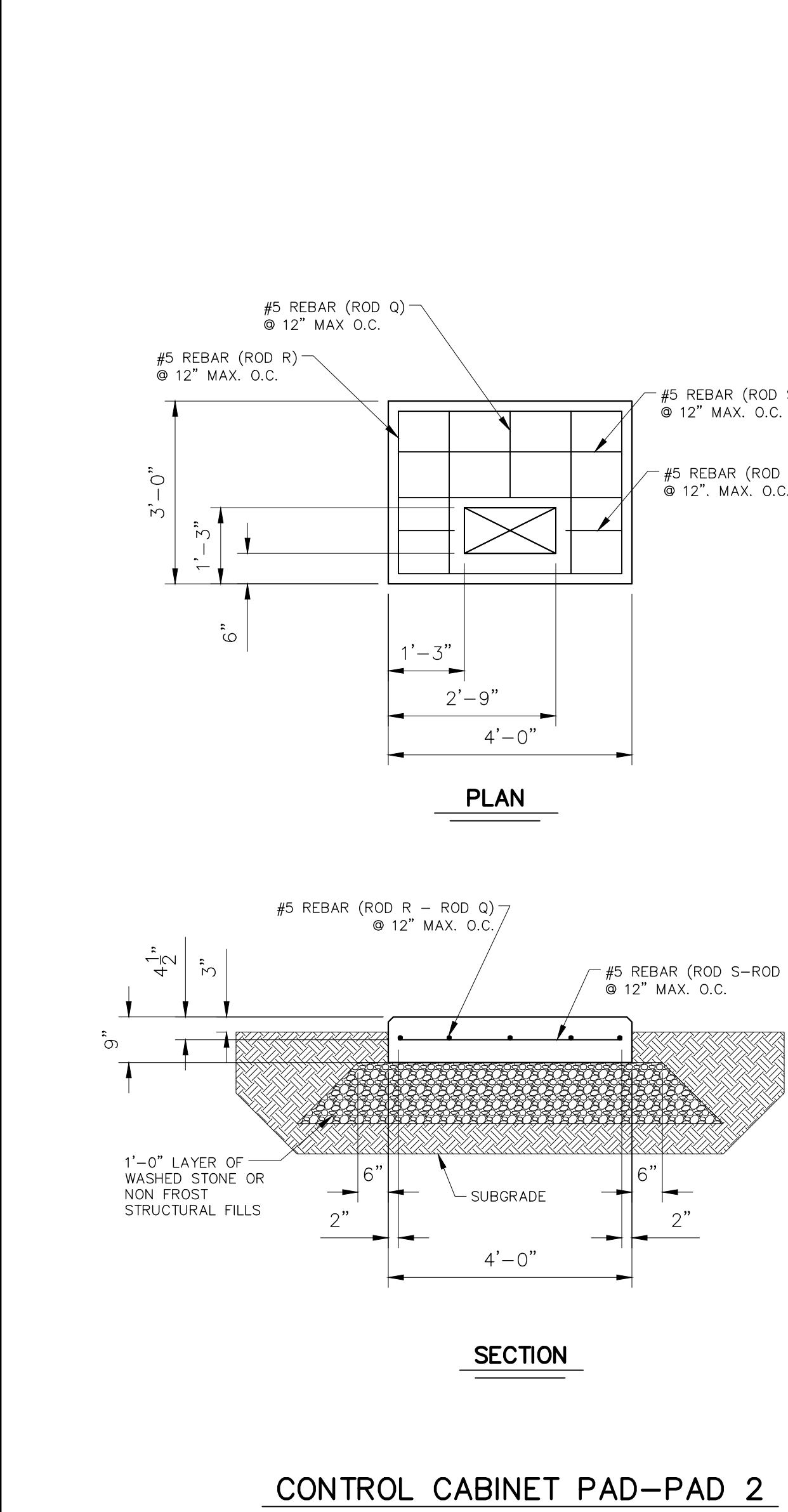
ROD BENDING LEGEND (NOT TO SCALE)

*DIMENSIONS ARE OUT TO OUT

ROD A - ROD P

<div>PROJECT NAME: CITY OF ROCKY MOUNT ROCKY MOUNT, NORTH CAROLINA</div> <div>DRAWING TITLE: DMV GENERATOR PAD FOUNDATION DETAILS</div>																													
DRAWN BY:															DJD														
CHECKED BY:															MJM														
APPROVED BY:															VK														
DATE:															04/27/22														
SCALE:															1/2" = 1'-0"														
FILE NUMBER:															188DMV														
SHEET:																													

FD1														



SCHEDULE FOR TYPICAL PAD DETAIL							
PAD NO.	TOTAL REQ'D	PAD SIZE			ANCHOR BOLT PLAN	CU YDS CONCRETE	
		LENGTH x WIDTH		DEPTH		PER FDN	TOTAL
2	1	4'-0" x 3'-0"		0'-9"	—	0.33	0.33
3	1	21'-2" x 8'-0"		1'-6"	—	9.41	9.41

PAD No. "2"		TOTAL No. REQ'D.- 1			
ROD TYPE	SIZE OF REBAR	NO. REQ'D PER FDN	LENGTH		TOTAL REBAR
			DIM A	DIM B	
Q	#5	4	2'-8"	-	2'-8"
R	#5	1	1'-5"	-	1'-5"
S	#5	4	3'-8"	-	3'-8"
T	#5	2	0'-11"	-	0'-11"

PAD No. "3"		TOTAL No. REQ'D.- 1			
ROD TYPE	SIZE OF REBAR	NO. REQ'D PER FDN	LENGTH		TOTAL REBAR
			DIM A	DIM B	
U	#4	4	27'-8"	-	2'-8"
V	#4	1	20'-10"	-	1'-5"
W	#3	4	1'-6"	6"	2'-6"

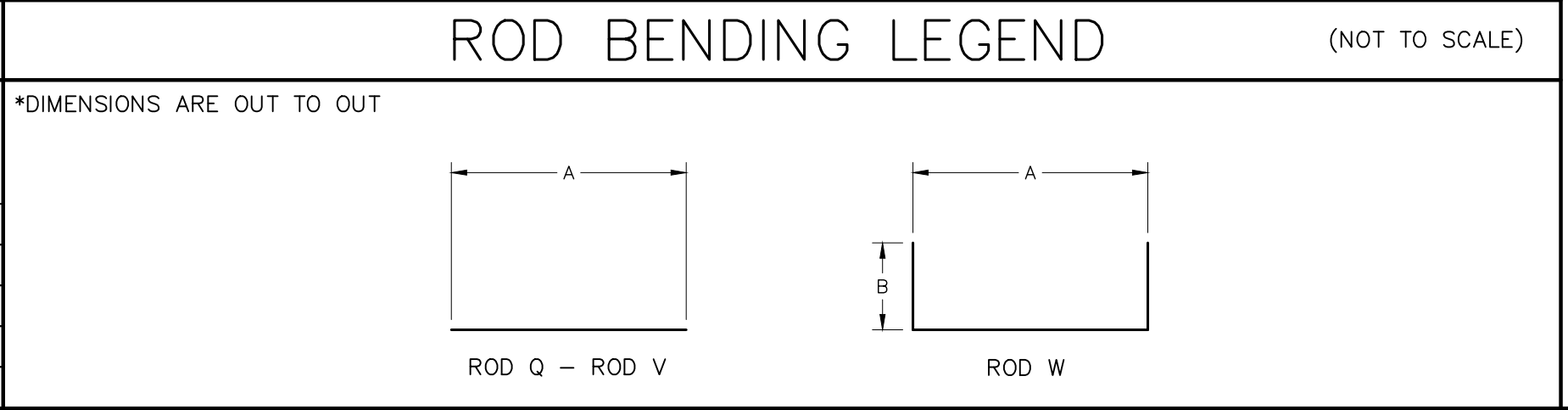
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FOUNDATION ANCHOR BOLT SUMMARY													
FDN. DESIGNATION	SERVICE	No. OF REQ'D. STRUCT.'s	No. OF FDN. REQ'D. PER STRUCT.	ANCHOR BOLTS									
				ITEM No.	QTY./ FDN.	TOTAL QTY. REQ'D.	DIA.	LENGTH				WASHER QTY.-DESC.	NUT QTY.-DESC.
								EMBED	THREAD MIN.	PROJECTION ABOVE PAD	HOOK		



ROCKY MOUNT ENERGY RESOURCES
THE CENTER OF IT ALL

Booth & Associates
580 Glenwood Avenue, Raleigh, NC 27603
NC F-0221

NO.	DATE	ENG.	REVISIONS
0	04/27/22	VK	ISSUED FOR CONSTRUCTION

PROJECT NAME: CITY OF ROCKY MOUNT
ROCKY MOUNT, NORTH CAROLINA

DRAWING TITLE: DMV GENERATOR PAD FOUNDATION DETAILS

DRAWN BY:	DJD
CHECKED BY:	MJM
APPROVED BY:	VK
DATE:	04/27/22
SCALE:	1/2" = 1'-0"
FILE NUMBER:	1880DMV
SHEET:	FD2