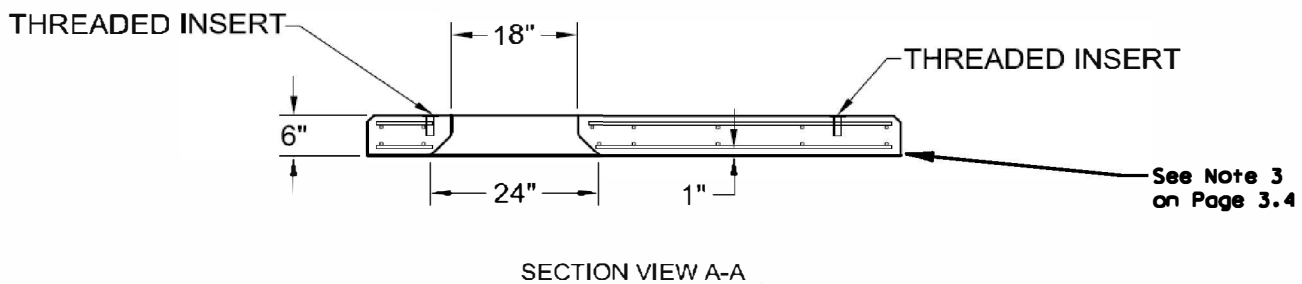
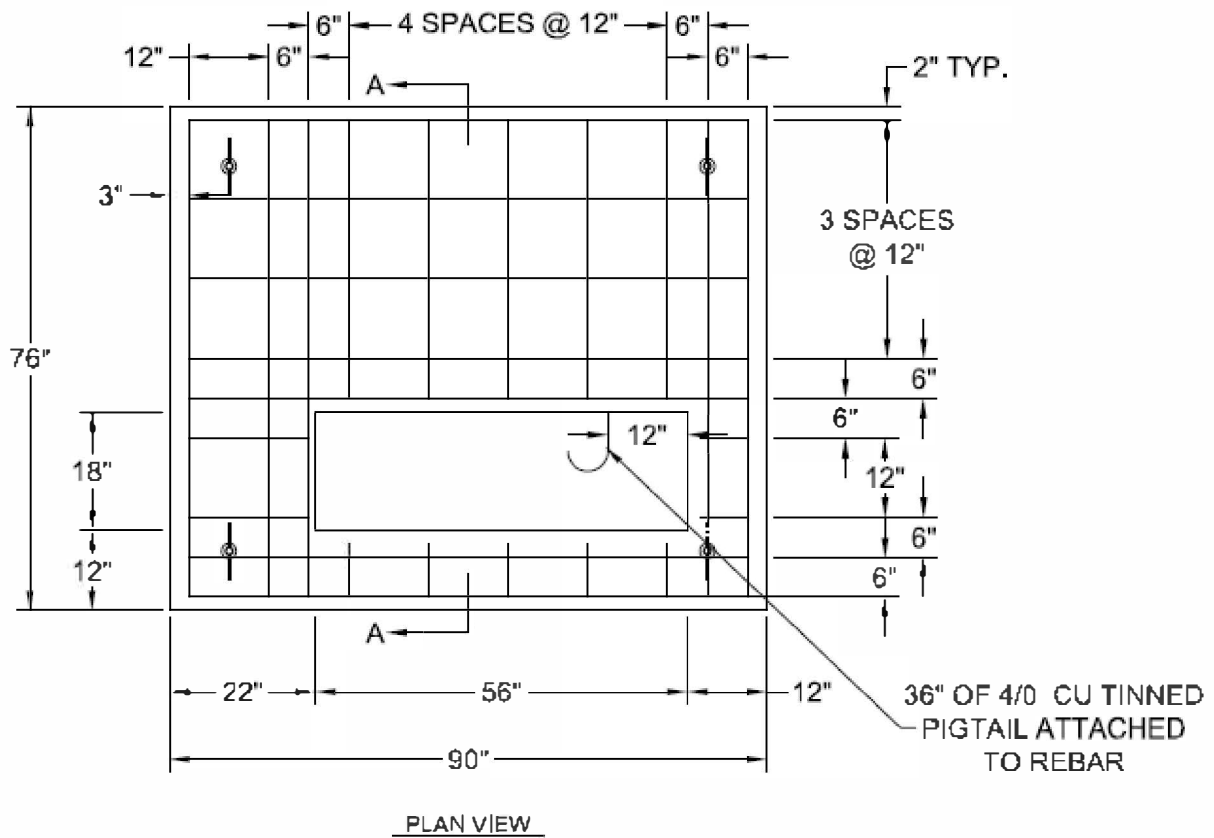


REBAR SCHEDULE		CONCRETE MIX 4000 PSI CU. FT.	PAD SIZE	PRECAST PAD STOCK NO.	COMP. UNIT DESIGNATION	TRANS SIZE (KV)	TRANS SIZE (KVA)	DESCRIPTION
SIZE	SPACING							
#4	12" c.c.	20	7'-6" X 6'-4"	9721-0699	3PHTPSMY	15 25	75-500 75-500	3PH TR PAD ML CO
#4	12" c.c.	25	7'-6" X 7'-6"	9721-0698	3PHTPMY	15 25 35	750-1500 750-2500 75-1000	3PH TR PAD ML CO
#4	12" c.c.	35	8'-10" X 8'-5"	9721-0697	3PHTPLMY	15 35 All Stepdown	2000-2500 1500-2500 75-1000	3PH TR PAD ML CO

7'-6" X 6'-4" PAD



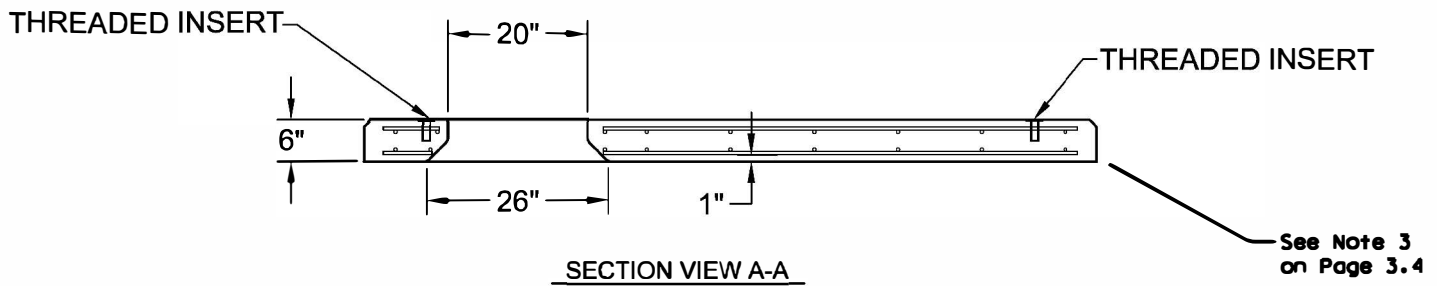
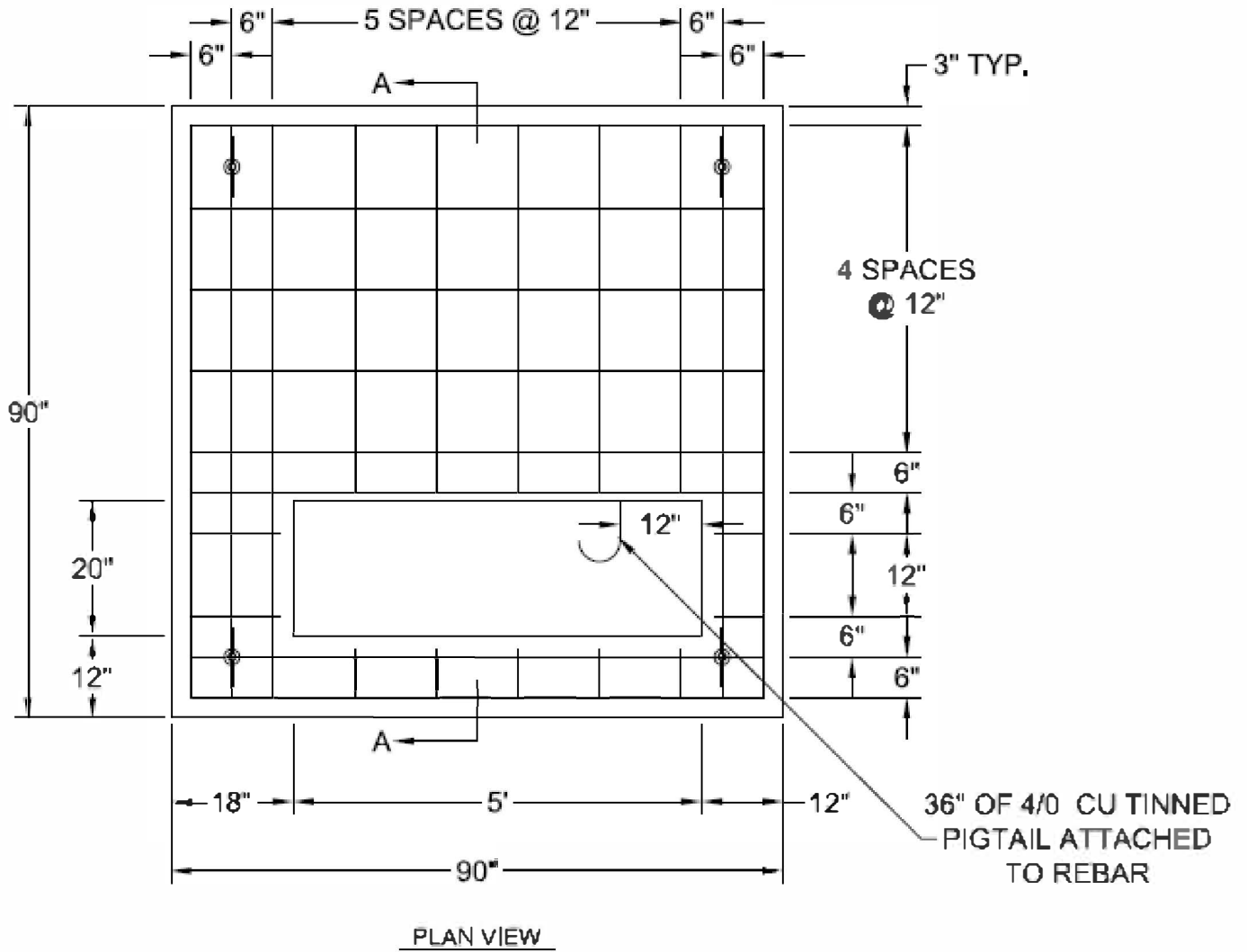
DRAWN: RLH | DVLPED: RS | DATE: 11/06/07 | REVIEWED: RDS DATE: 7/6/17 | APPRVD: BS | DATE: 7/6/17 | NEXT REVIEW: 7/22 | REV: E



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MOUNTING PADS FOR THREE PHASE
PADMOUNT TRANSFORMERS

7'-6" X 7'-6" PAD



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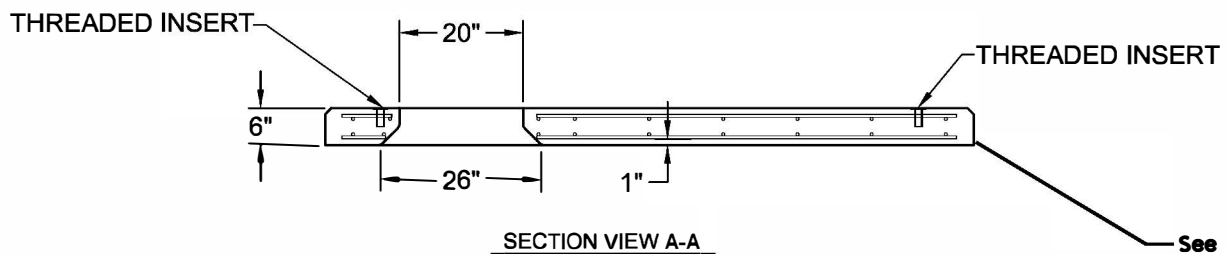
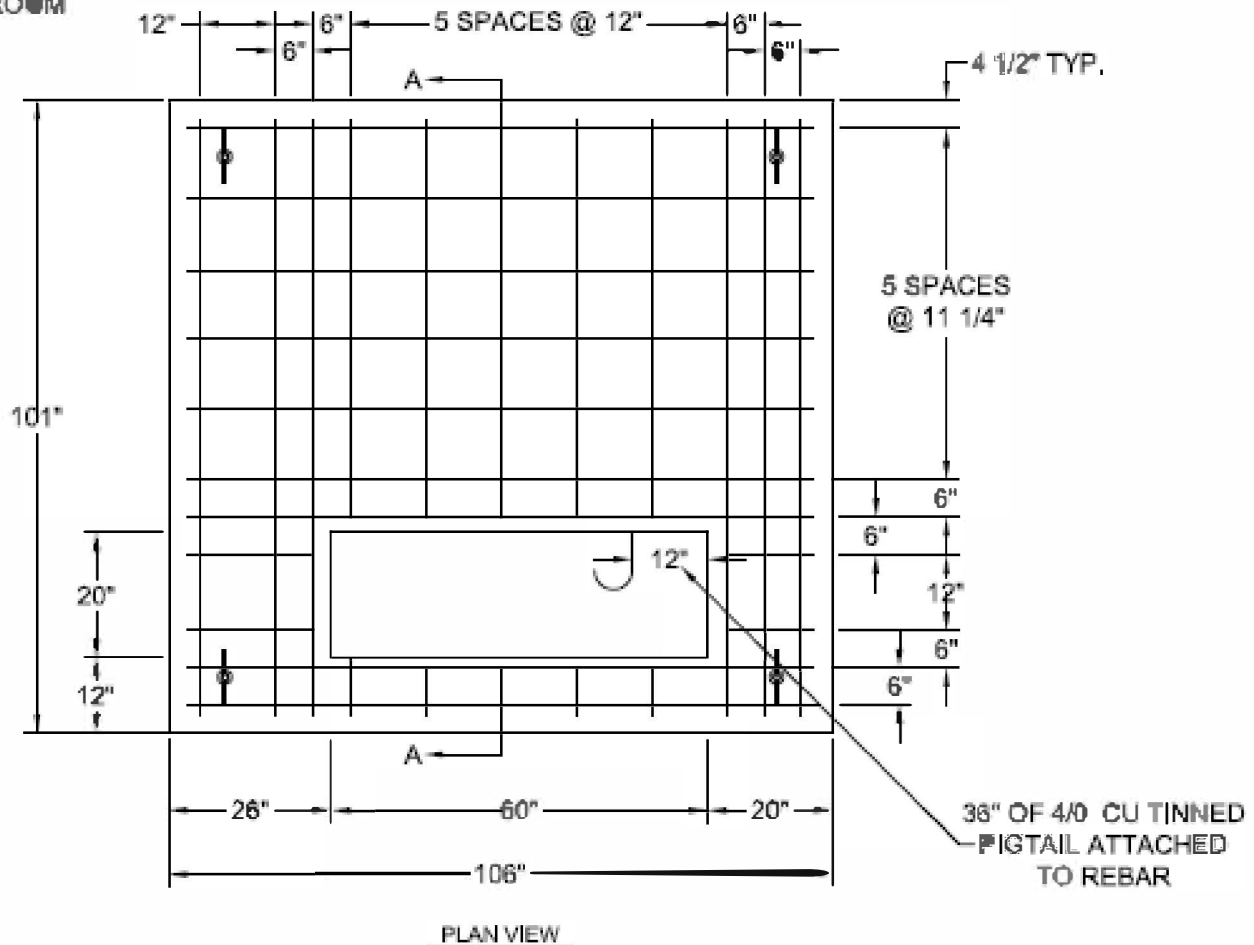


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MOUNTING PADS FOR THREE PHASE
PADMOUNT TRANSFORMERS

8'-10" X 8'-5" PAD

BROOM



NOTES:

1. FOR PROTECTIVE BUMPER PIPE INSTALLATION SEE SHEET 4 OF 4.
2. SECONDARY DUCTS, NUMBER, AND SIZE ARE TO BE SPECIFIED BY THE ENGINEER.
3. ALL BACKFILL TO BE COMPACTED RC6 OR CR6.
4. TOP AND BOTTOM REINFORCEMENT REBAR SCHEDULES ARE IDENTICAL.
5. REV.A: REDRAWN FOR NOTES AND CHANGE STK. NOS. FOR WMIS.
6. REV.B. DEFINED THICKNESS OF THE BUMPER PIPE.
7. REV E: UPDATED STOCK NUMBER ON PAGE 4.

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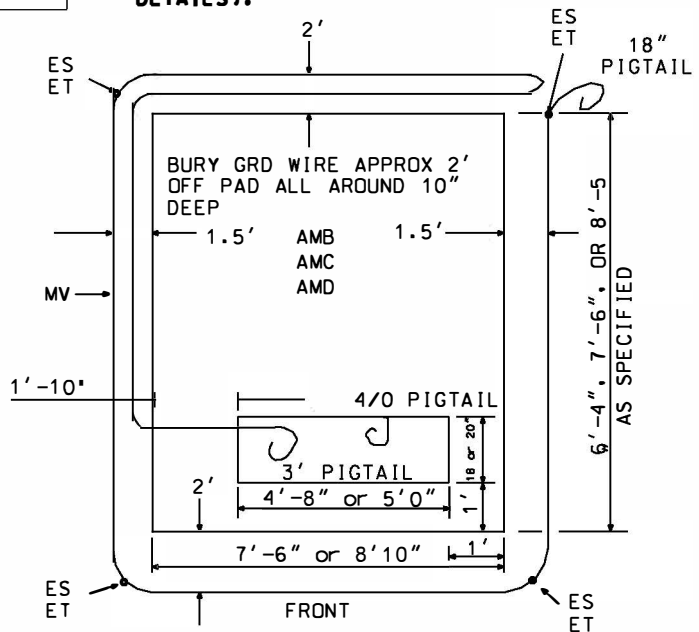
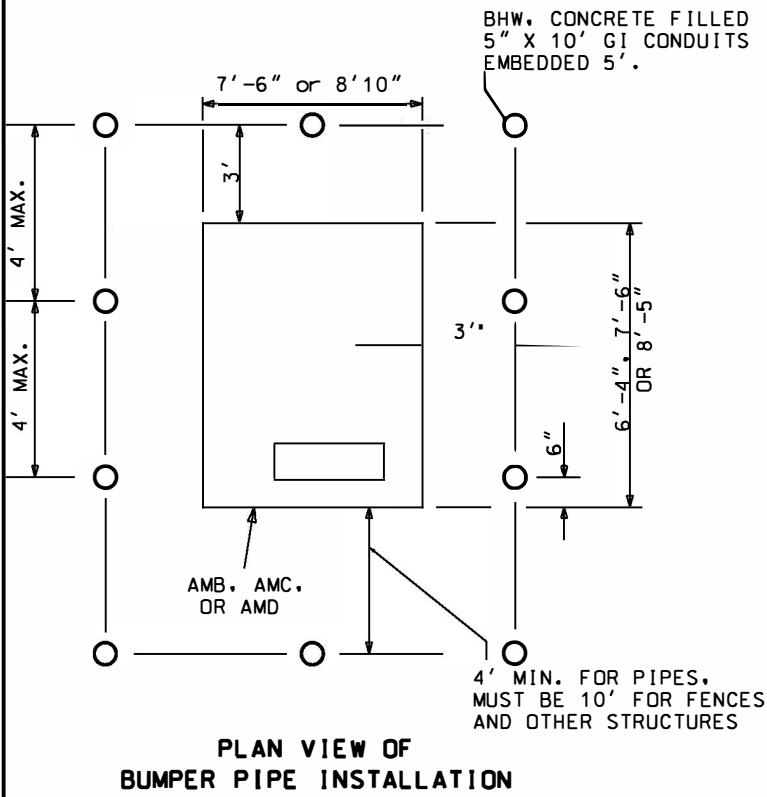
MOUNTING PADS FOR THREE PHASE
PADMOUNT TRANSFORMERS

COMPATIBLE UNITS - 3 PHASE TRANSFORMER PADS AND BUMPER PIPES

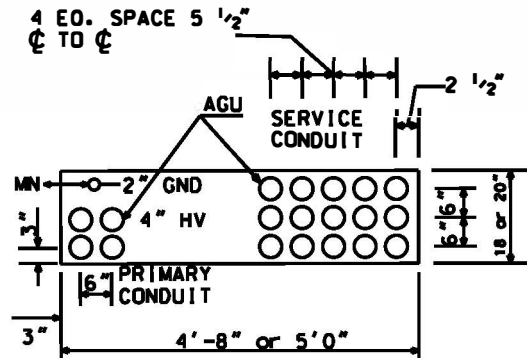
QUANTITY			CODE	STOCK#	DESCRIPTION	IU	
100	19	19	13	AGU	9721-0869	BEND, PVC, 4", 90D-36R	EA
	1			AMB	9721-0697	PAD, CONC, 8'10"X8'5"	EA
		1		AMC	9721-0698	PAD, CONC, 7'6"X7'6"	EA
			1	AMD	9721-0699	PAD, CONC, 7'6"X6'4"	EA
				BHW	9722-0912	CONDUIT, GI 5"X10'	FT
	1	1	1	CQ	9739-0166	PADLOCK, BRZ	EA
	4	4	4	ES	9713-0112	ROD, CW, 5/8", GRD	EA
	4	4	4	ET	9713-0113	CLAMP, CW, 5/8", GRD	EA
	4	4	4	EZ	9700-0021	CONNECTOR	EA
	1	1	1	MN	9721-0803	BEND, PVC, 2", 90D-24R	EA
65	60	55	MV	9711-3211	WIRE, CU, #2, SD TBC	FT	
2	2	2	MY	9711-3220	WIRE, CU, 4/0, SD	FT	
4	3	3	UQ	9700-0043	BANK RUN GRAVEL	TN	
2	4	4	UR	9700-0016	CONCRETE, PRE-MIX	CF	
			CU DESIGNATION	DESCRIPTION			
			3PHTPSMY	3PH TR PAD 75-500KVA ML CO			
			3PHTPMVY	3PH TR PAD 750-1500KVA ML CO			
			3PHTPLMY	3PH TR PAD 2000-2500KVA ML CO			
			BPMY	BUMPER PIPE 5IN ML CO			

NOTES:

- USE BUMPER PIPES AS NECESSARY TO PROTECT PADMOUNTED TRANSFORMERS NEAR DRIVEWAYS AND PARKING AREAS. BUMPER PIPE IS TO BE CONSTRUCTED OF MINIMUM 0.25 INCH THICK GALVANIZED SCHEDULE 40 RIGID PIPE.
- ENCASE CONDUIT BENDS IN SLOT WITH CONCRETE BEFORE PULLING CABLES PORTION OF SLOT NOT COVERED BY XFMR ENCLOSURE SHOULD BE FILLED WITH GROUT
- 2" BEND ON PRIMARY END IS TO BE USED FOR #2 GROUND CABLE.
- REV. A: REDRAWN FOR NOTES. CORRECTED STK. NOS. FOR WMIS AND ELIMINATED DIMENSIONAL CONFLICT WITH GROUND WIRE & BUMPER PIPE.
- CONDUITS TO BE HELD TIGHT TO OUTSIDE OF WINDOW FOR MAXIMUM SEPERATION OF PRIMARY AND SECONDARY.
- PAD IS TO BE BUILT ON LEVEL GROUND. WITH 10' OF LEVEL GROUND IN THE FRONT AND 3' OF LEVEL GROUND ON THE SIDES AND BACK.
- CONCRETE FILLED BUMPER PIPES ARE TO BE ENCASED IN CONCRETE (SEE PAGE 5 FOR DETAILS).



GROUNDING PLAN



CONDUIT OPENING FOR PRECAST PADS TYPICAL DUCT DETAIL

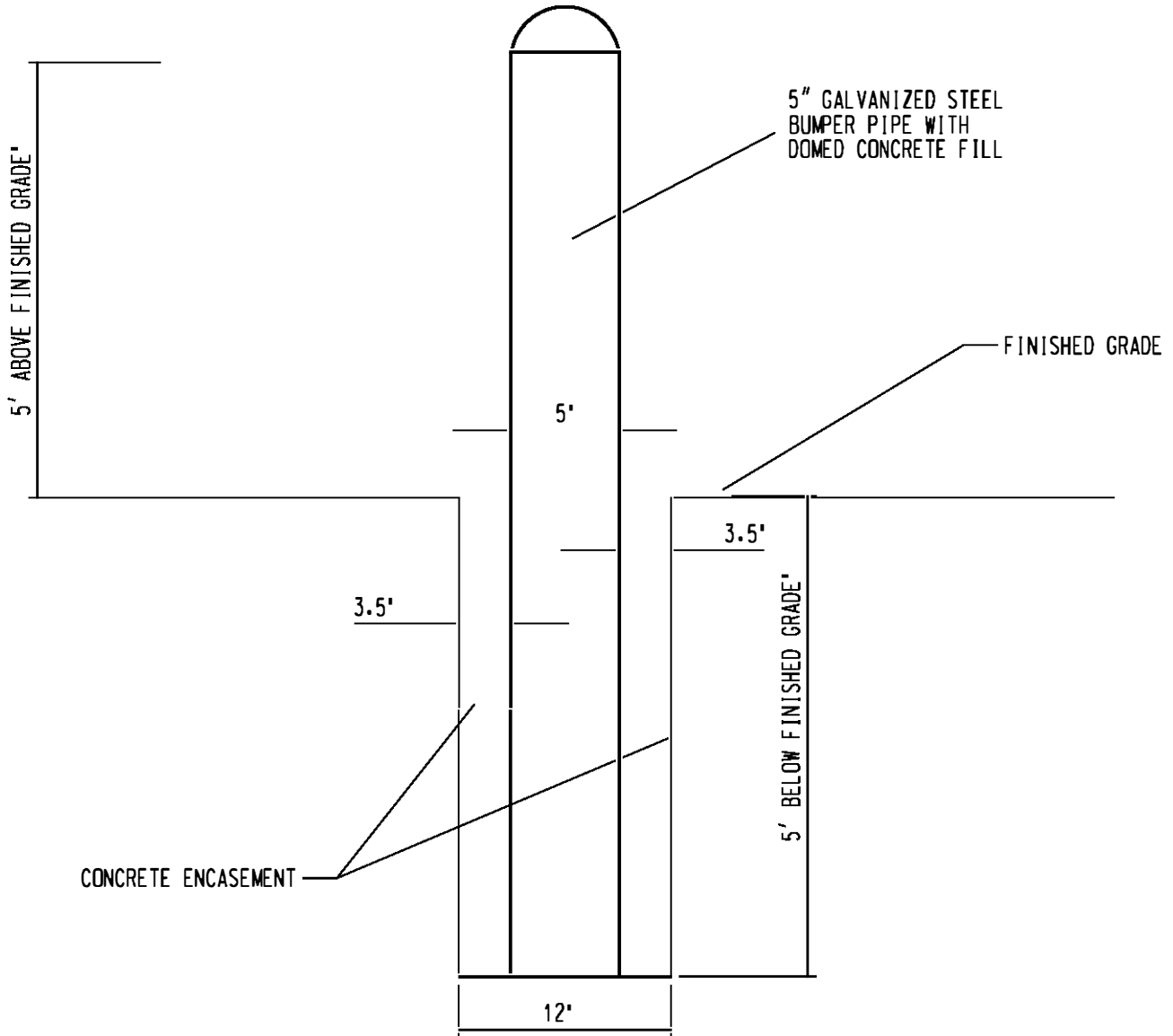
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MOUNTING PADS FOR THREE PHASE PADMOUNT TRANSFORMERS

CONCRETE FILLED, CONCRETE ENCASED BOLLARD INSTALLATION



DRAWN: RLH | DVLPEd: VG | DATE: 4/5/16 | REVIEWED:RDS DATE: 7/6/17 | APPRVD: BS | DATE: 7/6/17 | NEXT REVIEW: 7/22 | REV: E



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MOUNTING PADS FOR THREE PHASE PAOMOUNT TRANSFORMERS