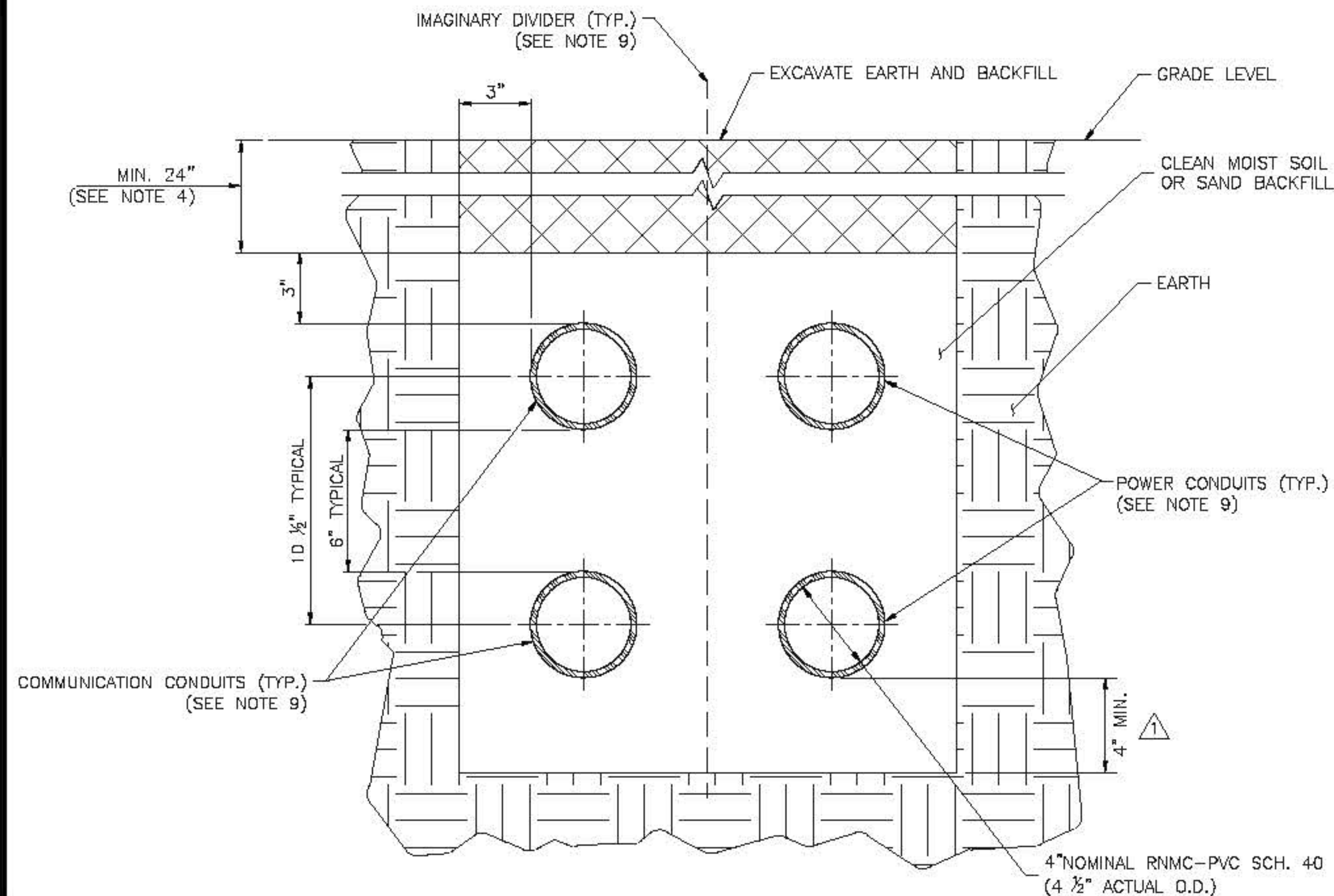
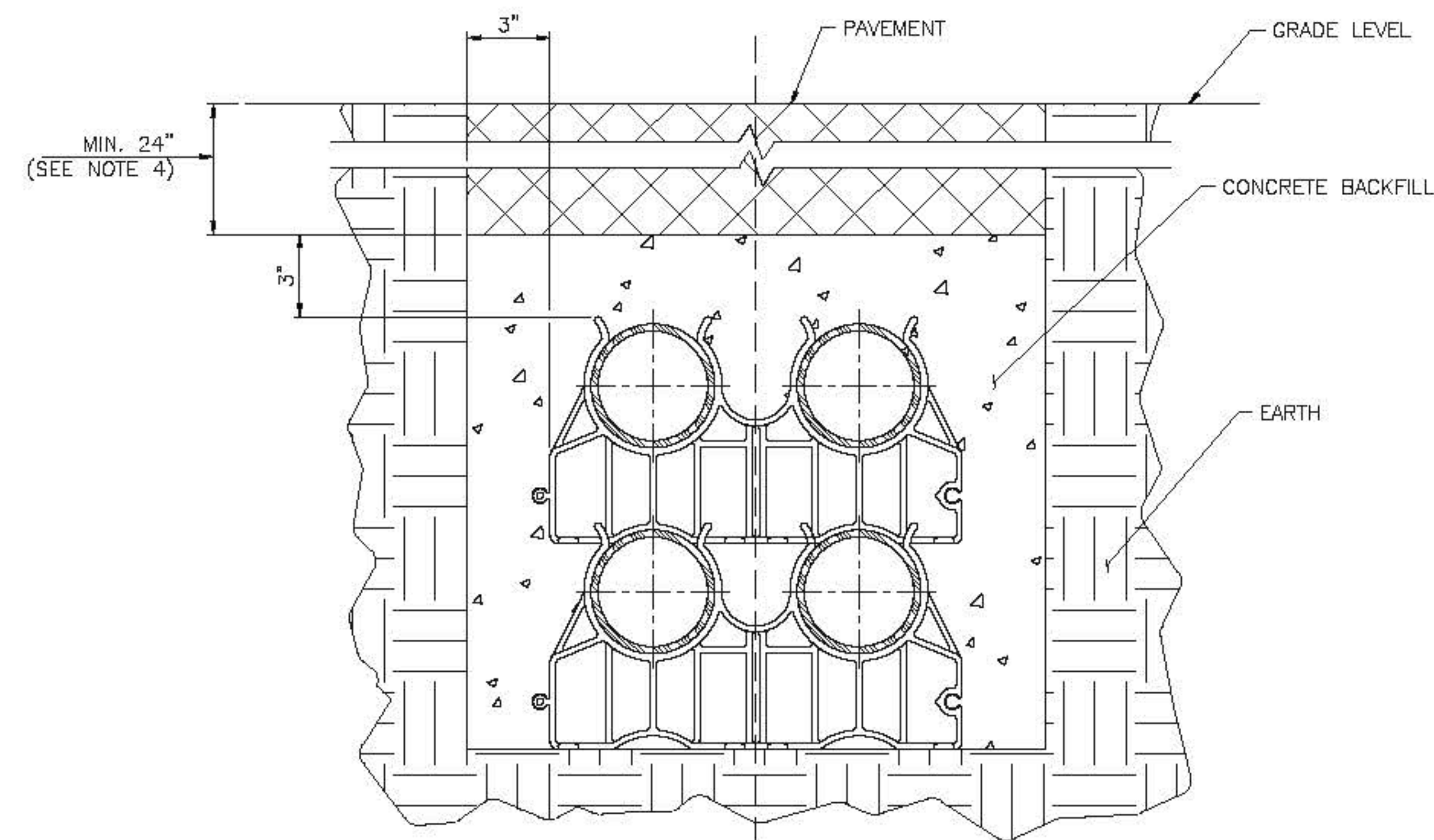
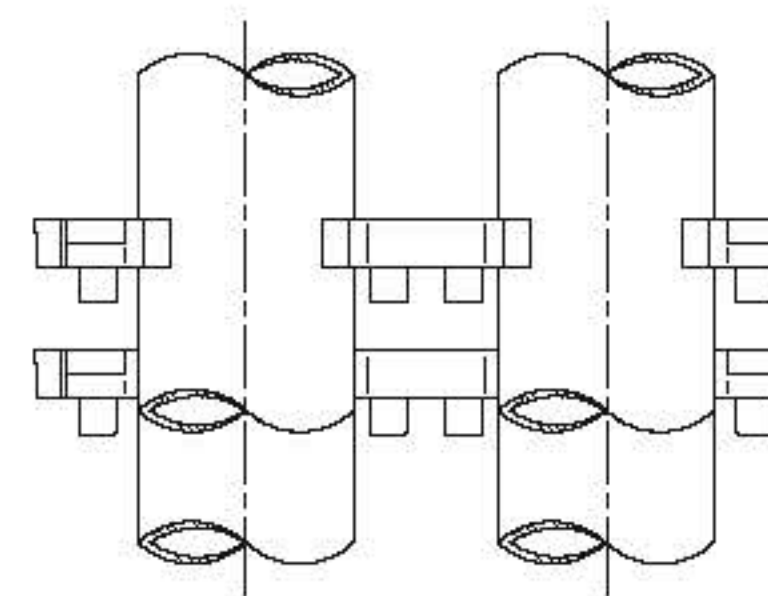




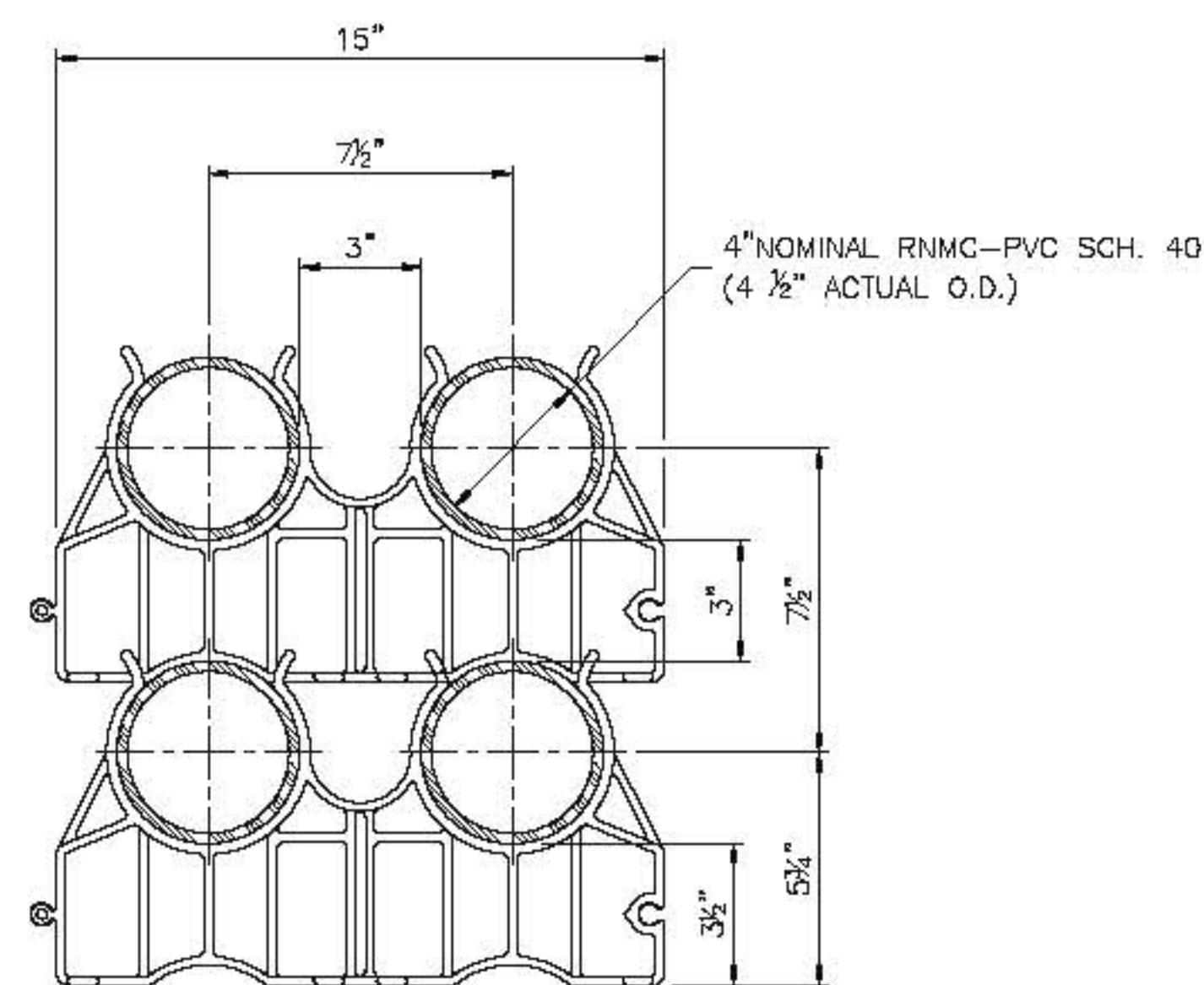
**4-WAY POWER/COMM. DUCT BANK,
SOIL ENCASED**
SCALE: 3" = 1'-0"



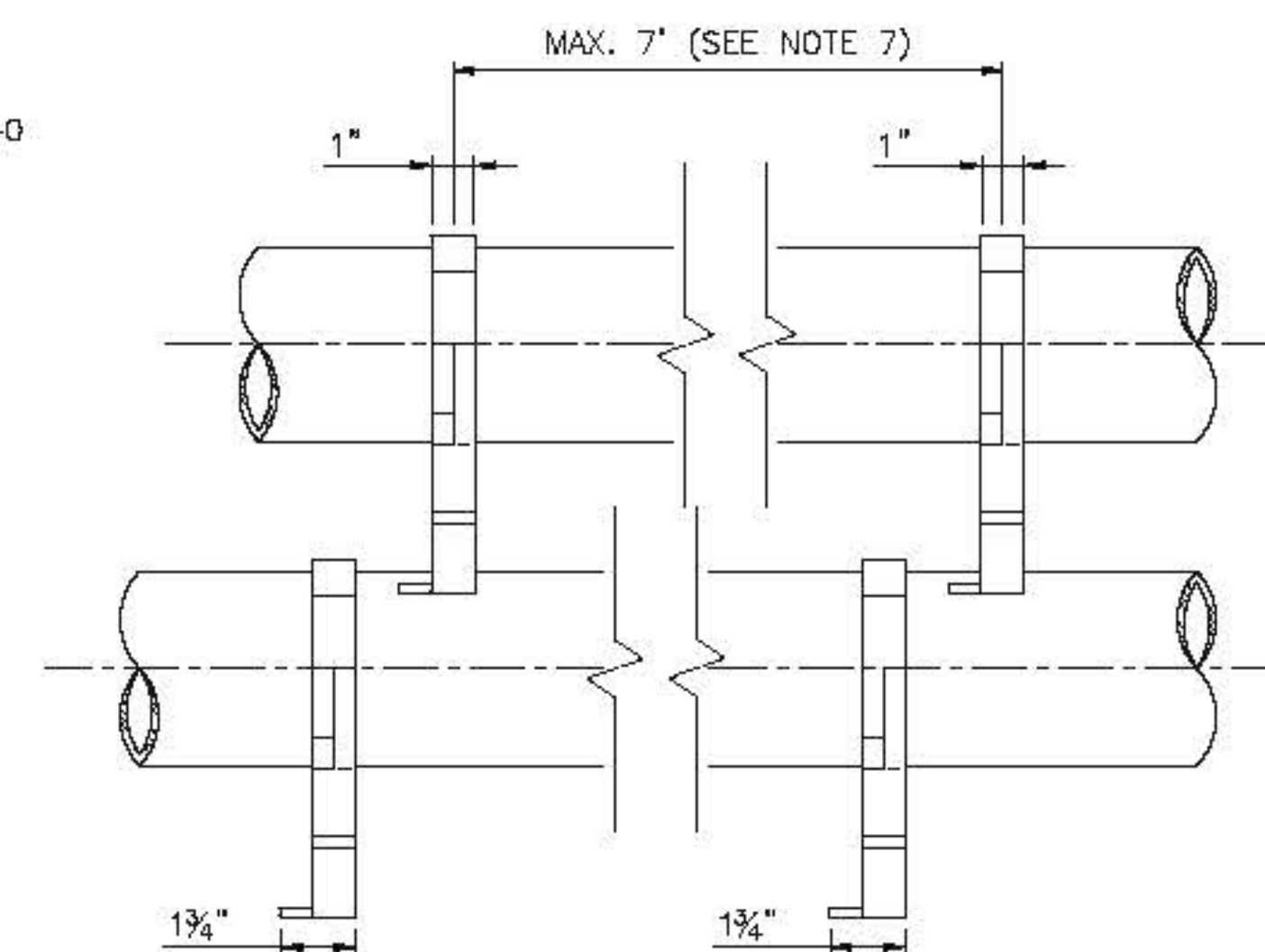
**4-WAY POWER/COMM. DUCT BANK,
CONCRETE ENCASED**
SCALE: 3" = 1'-0"



TOP VIEW
SCALE: 3" = 1'-0"



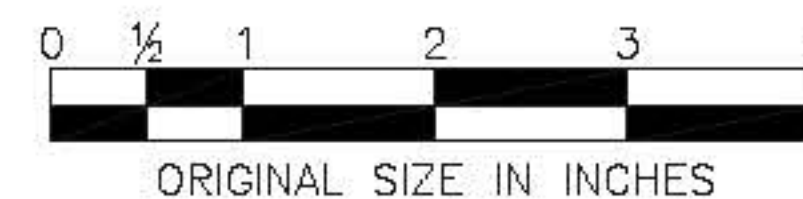
FRONT VIEW
SCALE: 3" = 1'-0"



SIDE VIEW
SCALE: 3" = 1'-0"

NOTES:

1. CONCRETE SHALL BE OF CLASS C, 3500 P.S.I. @28 DAYS OR AS SPECIFIED BY THE ENGINEER.
2. DUCT BANK SHALL BE BURIED TO A MINIMUM OF 24" BELOW GRADE.
3. THE MINIMUM SPACING BETWEEN POWER/ELEC AND COMMUNICATIONS CONDUITS SHALL BE 6" FOR DIRECT BURIED AND 3" FOR CONCRETE ENCASED.
4. CONDUITS SHALL BE FOUR (4) 4" RIGID NON-METALLIC PVC SCHEDULE 40.
5. MAXIMUM LATERAL SPACING BETWEEN SPACERS SHALL BE 7 FT.
6. DUCT BANK UNDER SHOULDER SHALL BE CONCRETE ENCASED, WHEREAS DUCT BANK UNDER THE GRASS AREA SHALL BE SOIL ENCASED, UNLESS OTHERWISE NOTED ON THE PLANS.
7. SPACERS SHALL ONLY BE INSTALLED WHEN DUCT BANK IS CONCRETE ENCASED.
8. DUCT BANKS OF 2, 6, 8, OR OTHER CONDUIT PAIRS SHALL BE CONSTRUCTED USING THE SAME DETAILS, DIMENSIONS, AND APPROACH AS THE 4-WAY DUCT BANKS SHOWN ON THIS STANDARD DRAWING.
9. CONDUITS SHALL BE SEPARATED VERTICALLY FOR COMMUNICATIONS AND POWER WHERE DUCT BANK IS INSTALLED. SEE STANDARD DRAWING ITS-29 TO COORDINATE DUCT BANK WITH INSTALLATION OF JUNCTION BOX TYPE PS.



APP.	NO.	DATE	REVISION
C	10/2013	CONFORMED DRAWING	

NEW JERSEY TURNPIKE AUTHORITY	
NEW JERSEY TURNPIKE	
DUCT BANK DETAILS	
HNTB 9 ENMIN ROAD, SUITE 202, PARSIPPANY, NJ 07054 - COA# 24G28000700	STANDARD DRAWING ITS-27
ANTHONY L. BARTELLO <i>[Signature]</i> New Jersey Professional Engineer License No. 0E 40862	

BY	DATE
AG	08/2010
GS	08/2010
MS	08/2010
ALB	08/2010