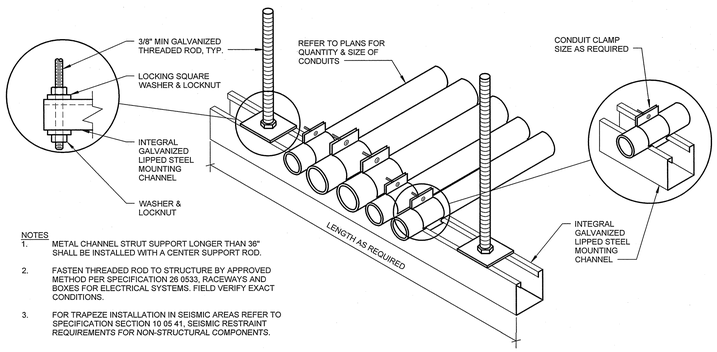
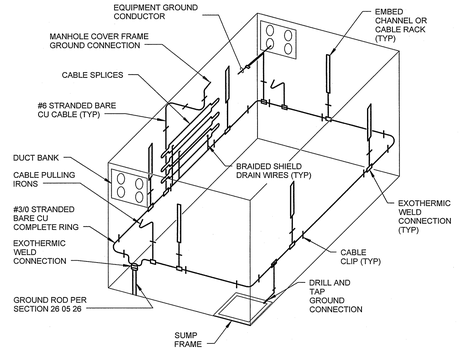


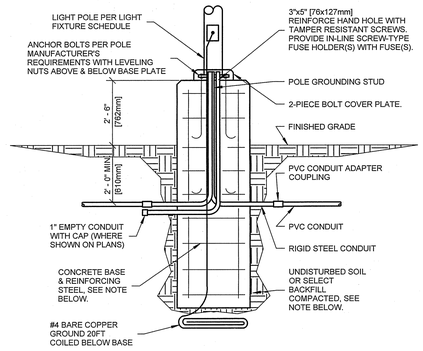
NOTES:

1. METAL CHANNEL STRUT SUPPORT LONGER THAN 36" SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
2. FASTEN THREADED ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATION 26 0533, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT CONDITIONS.
3. FOR TRAPEZE INSTALLATION IN SEISMIC AREAS REFER TO SPECIFICATION SECTION 10 05 41, SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS.

3 CONDUIT TRAPEZE MOUNTING DETAIL
N.T.S.



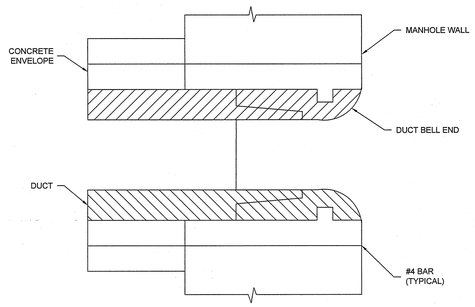
2 MANHOLE GROUNDING DETAIL
N.T.S.



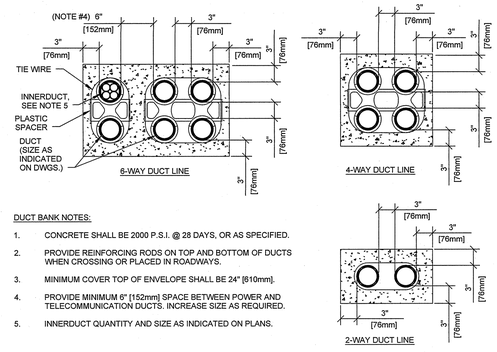
NOTE:

BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

1 POLE BASE DETAIL
N.T.S.



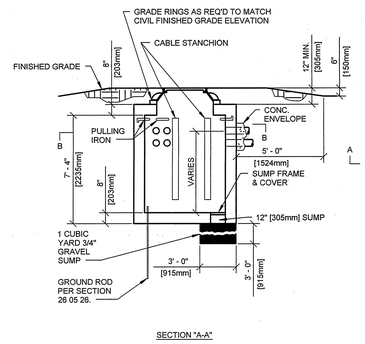
6 DUCT LINE ENTRANCE
N.T.S.



DUCT BANK NOTES:

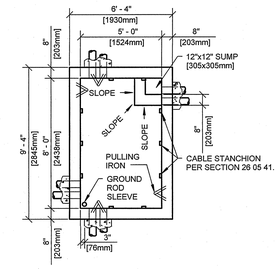
1. CONCRETE SHALL BE 2000 P.S.I. @ 28 DAYS, OR AS SPECIFIED.
2. PROVIDE REINFORCING RODS ON TOP AND BOTTOM OF DUCTS WHEN CROSSING OR PLACED IN ROADWAYS.
3. MINIMUM COVER TOP OF ENVELOPE SHALL BE 24" [610mm].
4. PROVIDE MINIMUM 6" [152mm] SPACE BETWEEN POWER AND TELECOMMUNICATION DUCTS. INCREASE SIZE AS REQUIRED.
5. INNERDUCT QUANTITY AND SIZE AS INDICATED ON PLANS.

5 DUCT BANK DETAIL
N.T.S.



GENERAL NOTES:

1. INCLUDE ALUMINUM LADDER (NOT SHOWN FOR CLARITY)
2. FOR SIGNAL MANHOLE LID SHALL HAVE "SIGNAL" ENGRAVED ON IT.



4 POWER MANHOLE DETAIL
N.T.S.

100% CONSTRUCTION DOCUMENTS

Revisions:	Date

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Drawing Title	ELECTRICAL DETAILS
Approved: Project Director	
Project Title	REPLACE MAIN ELECTRICAL TO OUT-BUILDINGS
Location	FORT WAYNE, IN
Date	9/18/2015
Checked	JKM
Drawn	JWB
Project Number	610A4-12-188
Building Numbers	1,3,5,6,7,10,T4,T5,T6
Drawing Number	E-502
Dwg. 38 of 48	

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

one eighth inch = one foot 0 4 8 16
one quarter inch = one foot 0 4 8
three eighths inch = one foot 0 4
one half inch = one foot 0
three quarters inch = one foot 0 6 2 4
one inch = one foot 0 6 2
one and one half inches = one foot 0 6 1 2
three inches = one foot 6 1
L:\Projects - Eng\2014 Projects\201412I-VA-Ft Wayne Replace Elec IN\Dwg\Elec\201412I-E-502.dwg 9-17-15 01:30:54 PM jwbeezley