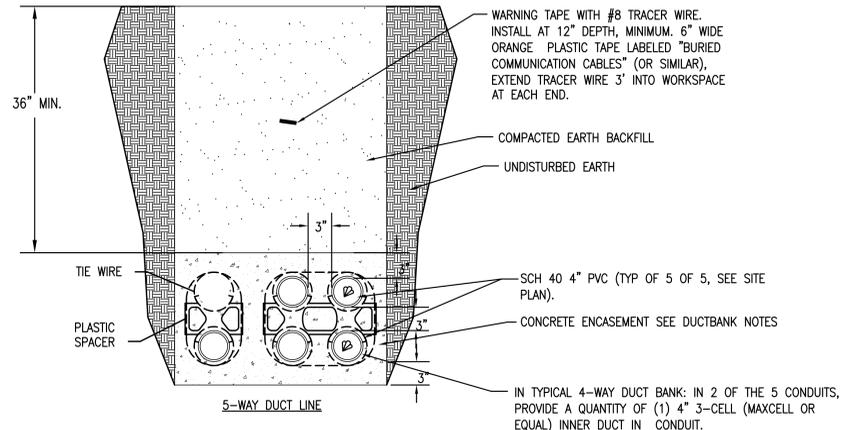
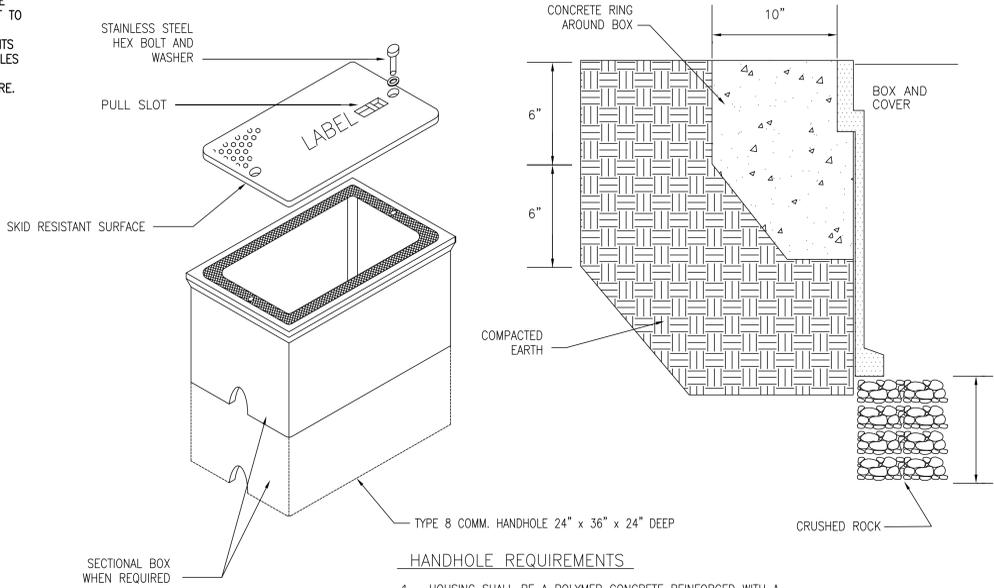


1 TYPICAL UNDERGROUND CONDUIT SLOPE PROFILE
NOT TO SCALE



- 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 TO TOP OF ENVELOPE SHALL BE 36" [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.

3 5-WAY CONDUIT DUCT BANK CROSS-SECTION
NOT TO SCALE



HANDHOLE REQUIREMENTS

1. HOUSING SHALL BE A POLYMER CONCRETE REINFORCED WITH A HEAVY WEAVE FIBERGLASS REINFORCING WITH COMPRESSIVE STRENGTH OF NO LESS THAN 10,000 PSI.
2. COVER AND BOX SHALL WITHSTAND A SERVICE LOAD OF NO LESS THAN 15000 LBS OVER A 10" X 10" AREA.
3. PROVIDE STAINLESS STEEL BOLTS AND INSERTS.
4. PROVIDE WITH REQUIRED MOUSEHOLES.
5. PROVIDE "COMM" FOR VOICE/FIBER-OPTIC HANDHOLE. "SECURITY" FOR CCTV CAMERA/GATE HANDHOLE.
6. ENSURE HANDHOLE MEETS ANSI/SCTE 77 THREE POSITION LOAD TESTING REQUIREMENTS.

2 TYPE 8 DUCTBANK HANDHOLE DETAIL
TN501

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

SCHMIDT CONSULTING GROUP, INC.
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Office of Construction and Facilities Management
Department of Veterans Affairs

FINAL SUBMISSION

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