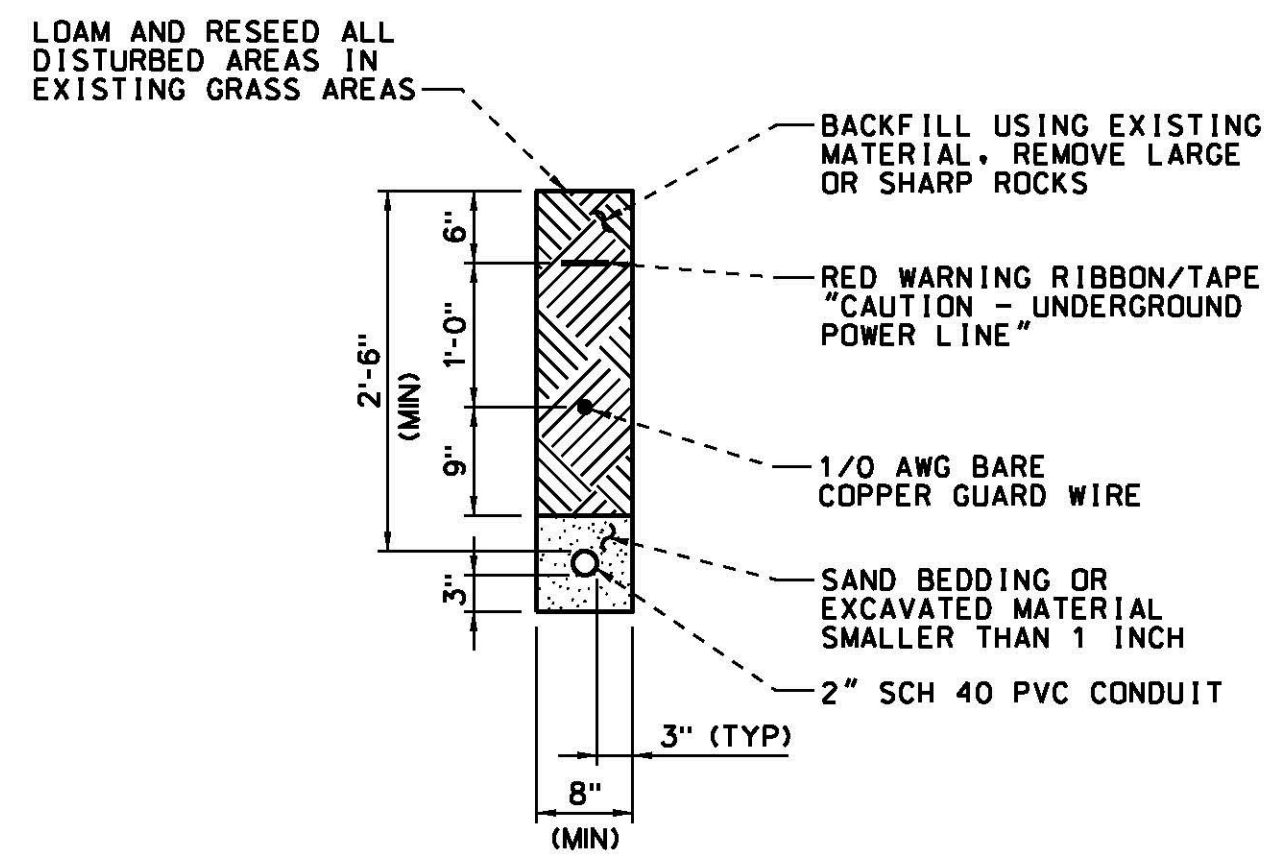


HANDHOLE NOTES:

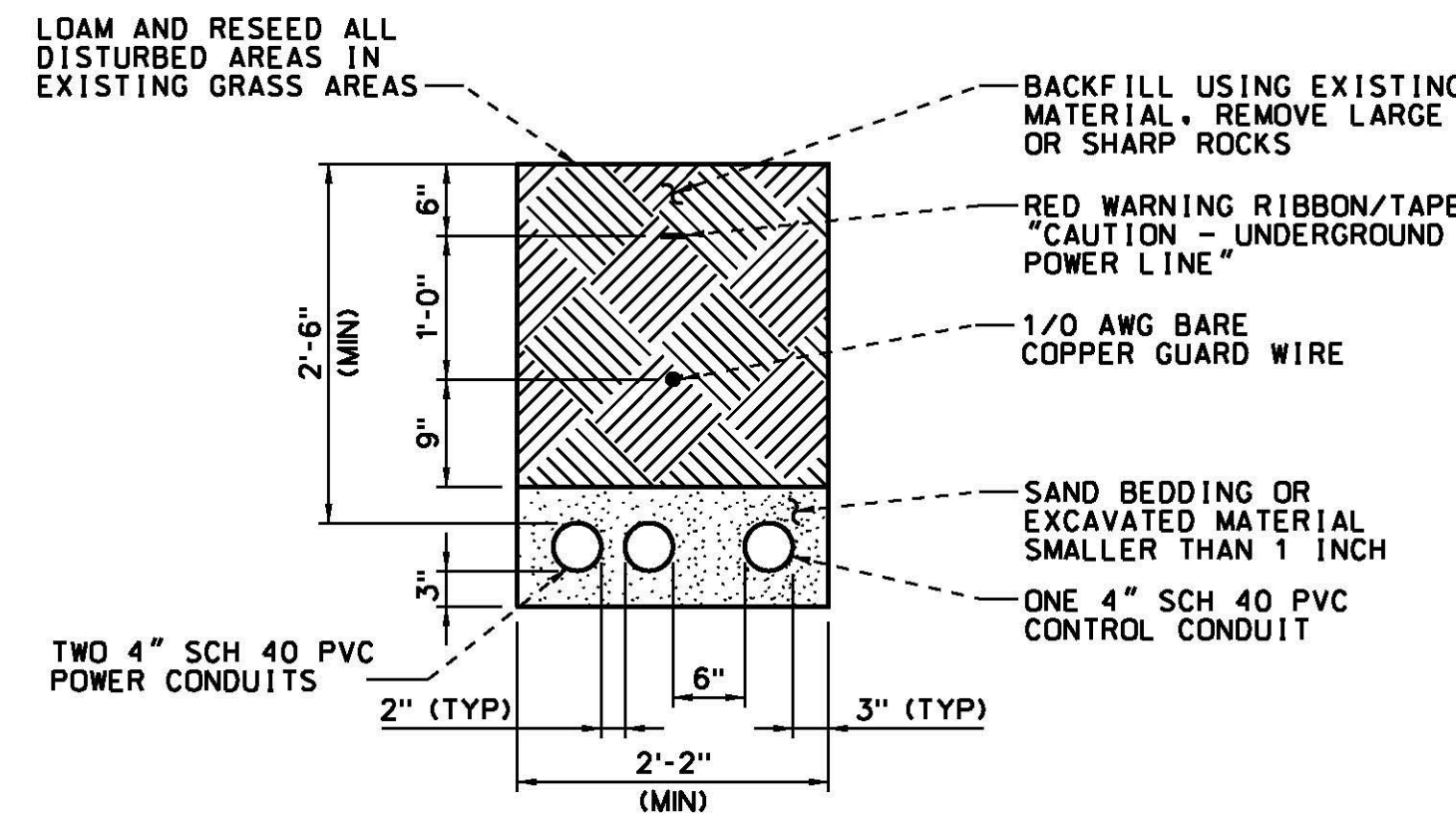
1. CONCRETE COMPRESSIVE STRENGTH - 5,000 PSI MINIMUM.
2. STEEL REINFORCEMENT - ASTM A615, GRADE 60, 1" MINIMUM COVER.
3. MINIMUM DESIGN LOAD - 70,000 LBS DUAL WHEEL LOADING OR AASHTO HS20-44 AT A MINIMUM.
4. CAST GRAY IRON HANDHOLE FRAME AND COVER SHALL BE NEENAH AIRPORT CASTING R-3492 SERIES OR APPROVED EQUAL.
5. CAST IRON FRAME SHALL BE MECHANICALLY FASTENED TO THE HANDHOLE.
6. A PULLEY SHALL BE PROVIDED ON EACH WALL.
7. INSTALL A CRUSHED STONE SUMP UNDER ALL HANDHOLES. TOP, SIDES AND BOTTOM OF SUMP SHALL BE LINED WITH A WATER PERMEABLE GEOTEXTILE FABRIC.
8. AFTER INSTALLATION OF CONDUITS THROUGH KNOCKOUTS, GROUT AROUND CONDUIT.
9. CABLE SLACK LOOPS SHALL BE LABELED AND RACKED IN ALL HANDHOLES.
10. INSTALL ONE 3/4", 10 FOOT LONG GROUND ROD AT EACH HANDHOLE OR SET OF ADJACENT HANDHOLES. BOND THIS GROUND ROD TO EITHER THE GRSC OR THE 1/0 AWG BARE COPPER GUARD WIRE OVER ANY PVC CONDUIT.
11. HANDHOLE MAY BE LOCATED INSIDE OF THE RUNWAY SAFETY AREA (RSA).

Record Drawings
Work completed in general conformance with contract plans.

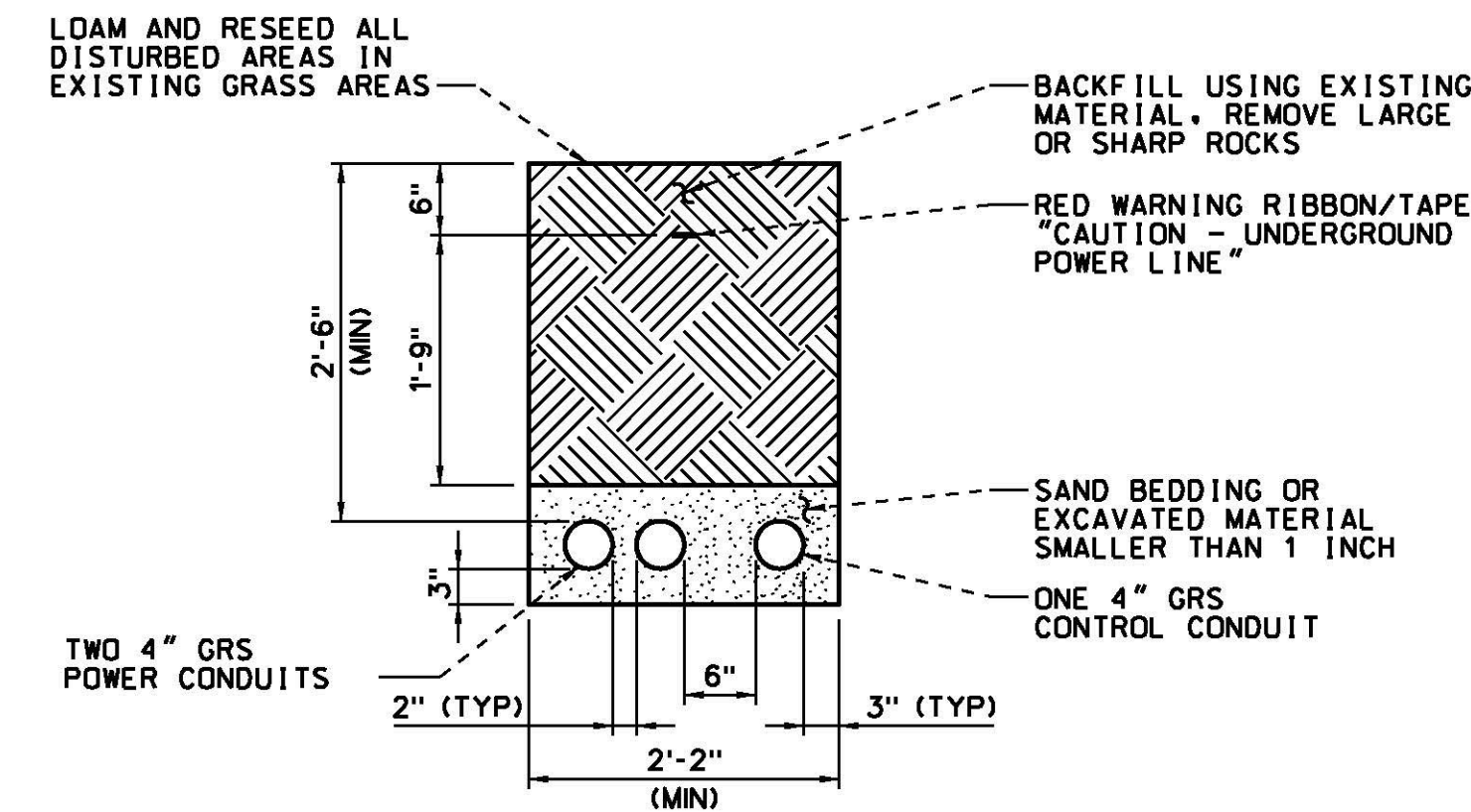
1 TYPICAL HANDHOLE DETAIL INSIDE RSA
C001 NOT TO SCALE



A TRENCH DETAIL
C001 SCALE: 3/4" = 1'-0"



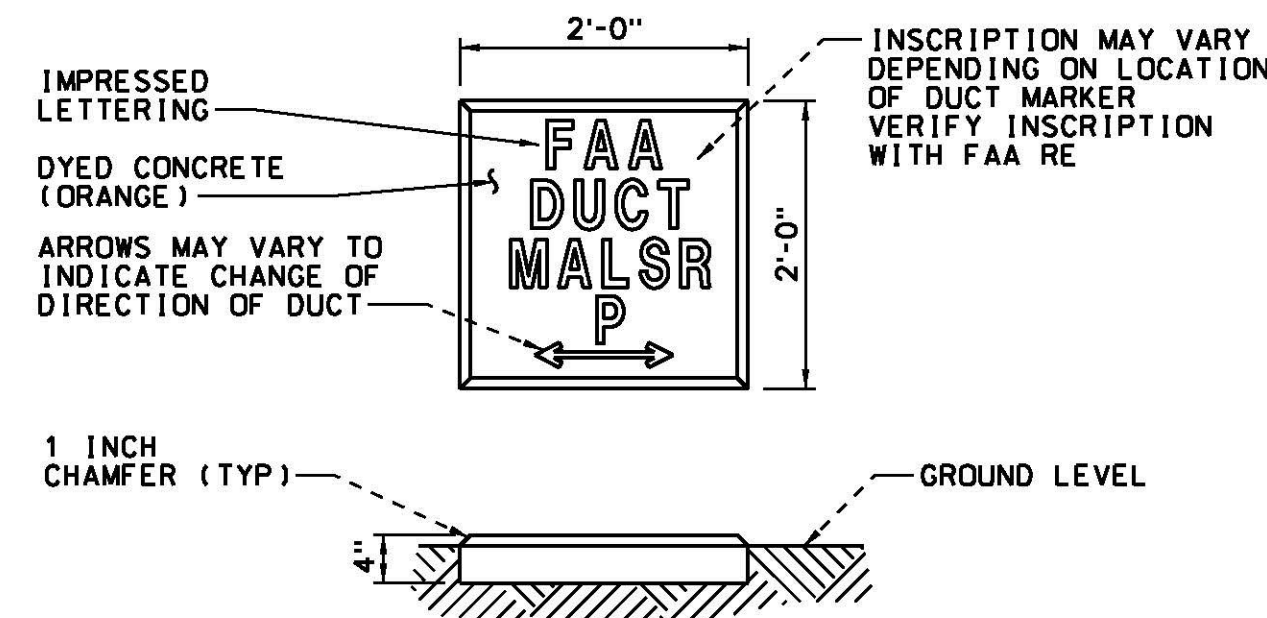
B TRENCH DETAIL
C001 SCALE: 3/4" = 1'-0"



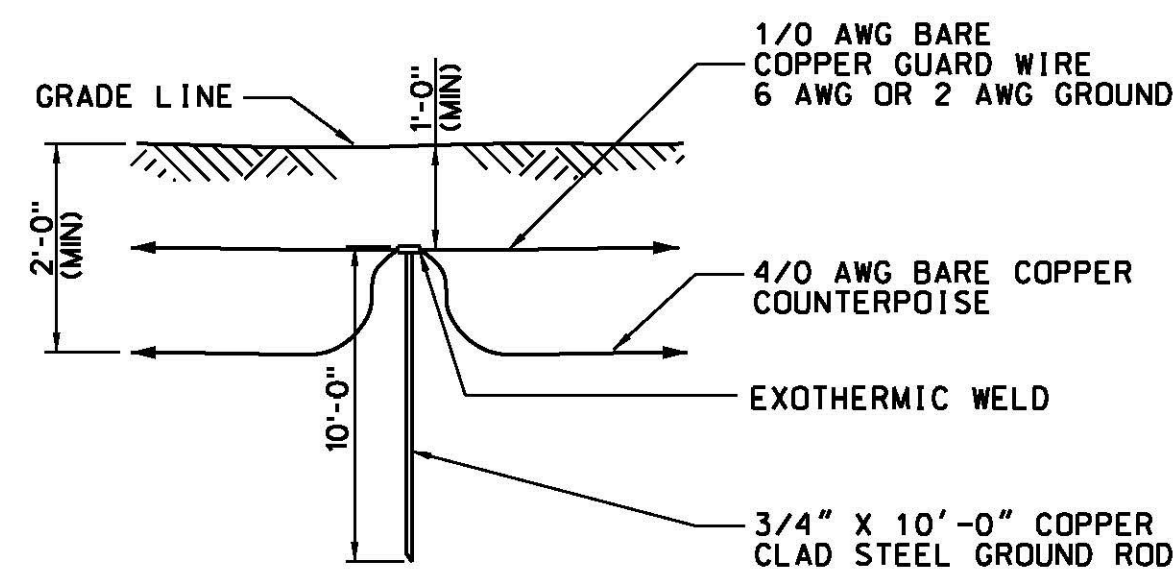
C TRENCH DETAIL
C001 SCALE: 3/4" = 1'-0"

NOTES:

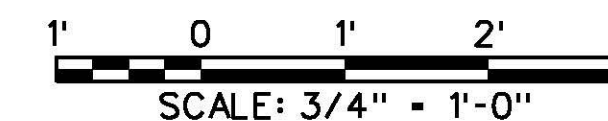
1. PROVIDE SIX INCH (MINIMUM) CLEAR DISTANCE BETWEEN POWER AND CONTROL OR SIGNAL CONDUITS. PROVIDE SIX INCH (MINIMUM) CLEAR DISTANCE BETWEEN POWER AND HIGH VOLTAGE CONDUITS. PROVIDE SIX INCH (MINIMUM) CLEAR DISTANCE BETWEEN HIGH VOLTAGE AND CONTROL OR SIGNAL CONDUITS.
2. FOR INSTALLATION OF GUARD WIRE AND GROUND ROD SPACING. SEE DRAWING RUT-NEZ120015-G003, NOTE 10 UNDER ELECTRICAL GROUNDING.



2 CONCRETE DUCT MARKER
C002 SCALE: 3/4" = 1'-0"



3 TYPICAL GROUND ROD INSTALLATION
C002 NOT TO SCALE (SEE NOTE 2)



REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APV
	05/20/2013	CONSTRUCTION, WR *12507 (DG)	992395	10/02/2012	
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
MALSR RUNWAY 19 MISCELLANEOUS DETAILS					
RUTLAND RUTLAND - SOUTHERN VERMONT REGIONAL AIRPORT VT					
REVIEWED BY	SUBMITTED BY	NOT SIGN	DO NOT SIGN	DO NOT SIGN	DO NOT SIGN
	D. L. WIKER				
PROJECT ENGINEER	ISSUED BY	DATE	JCN	992395	REV
	DLW	05/20/2013			
DESIGNED	ENGINEERING SERVICES	DRAWING NO			
	NAVADS	RUT-NEZ120015-C002			
CHECKED	DLW				