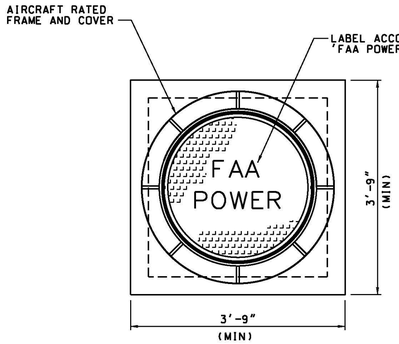
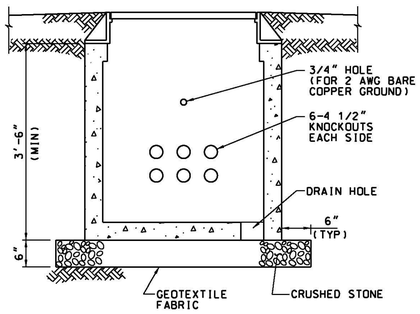
Record Drawings
Work completed in general conformance with contract plans.

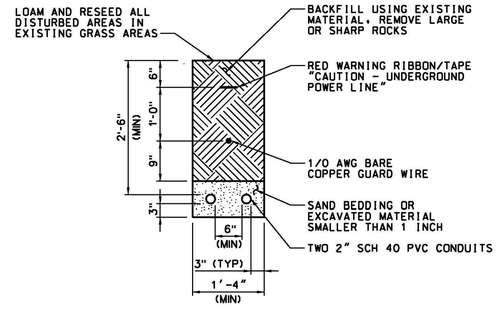




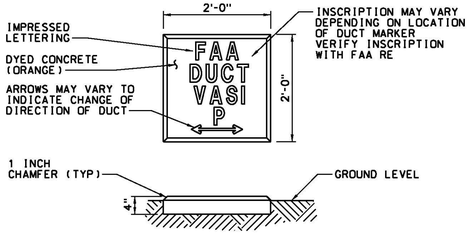
HANDHOLE NOTES:

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 PULLEYE 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).

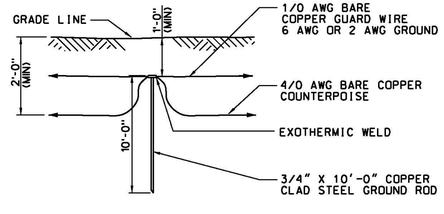
1 / C001 TYPICAL HANDHOLE DETAIL
NOT TO SCALE



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



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



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

1' 0 1' 2' 3'
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.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
	05/20/2013	CONSTRUCTION, WR #12738 (RUT)	992395	01/31/2013	

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA

VASI
RUNWAY 19
MISCELLANEOUS DETAILS
SHEET 1 OF 2

RUTLAND RUTLAND - SOUTHERN VERMONT REGIONAL AIRPORT VT

REVIEWED BY	SUBMITTED BY	APPROVED BY
	DO NOT SIGN D.L. WEBER	DO NOT SIGN P. KIRBY
	PROJECT ENGINEER	MGR: ENGINEERING - CENTER C

DESIGNED DLW	ISSUED BY	DATE 05/20/2013	JCN 992395
DRAWN RUT	ENGINEERING SERVICES NAVAIDS	DRAWING NO RUT-NEZ120016-C002	REV
CHECKED DLW			

ISSUED FOR: CONSTRUCTION

PROJECT RECORD DRAWINGS
THIS DRAWING PRODUCED ON NEW ENGLAND REGION MICROSTATION SYSTEM

11/14/2013 3:03:12 PM Plotted by: Scott CTR Pettengill
EDM: rut-nez120016-c002.dgn