PLAN

SCALE 0 10 20 FEET

LEGEND

T.O.	TOP OF
T.O.S.	TOP OF STEEL
B.O.	BOTTOM OF
⊕ B-101	BOREHOLE LOCATIONS
UON	UNLESS OTHERWISE NOTED

NOTE

1. USE THIS DRAWING IN CONJUNCTION WITH THE FOLLOWING DRAWING:

   WOODSTOCK BRIDGE BHO 1444(52)
   TEMPORARY WORKS FOR REHAB
   DRAWING LIST & SITE LOCATION PLAN
   KFS DWG. NO. ALP-WB-01, SHEET 1

TECHNICAL SPECIFICATIONS

MATERIALS:

STEEL SHEET PILES:
ASTM A328 OR A572-50. Z-SHAPED WITH MANUF. TEE & BEND CONNECTORS, BALL & SOCKET (BS) OR HOOK & GRIP (HG) INTERLOCK, SECTION MODULUS = 30.3 MIN CUBIC INCHES PER FOOT OF WALL. PZ27 AS MANUFACTURED BY NUCOR USA OR PZC18 AS MANUFACTURED BY LB FOSTER, OR EQUAL.

STRUCTURAL STEEL SHAPES AND PLATES:
ASTM A36 (GR 36 OR 50) OR A992 (GR 50)

CONNECTIONS:
HIGH STRENGTH BOLTS: ASTM A325
HEAVY HEX NUTS: ASTM A563
WIDE WASHERS: ANSI B18.22.1, TYPE B
WELD FILLER: E70XX, SMAW PROCEDURE

INSTALLATION:

INSTALL TEMPORARY SHEET PILES VERTICALLY IN THE LOCATIONS, AND TO THE DEPTHS & ELEVATIONS SHOWN.

FABRICATE & INSTALL STRUCT STEEL IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION, CURRENT EDITION.

PERFORM WELDING IN ACCORDANCE WITH ANSI/AWS D1.1., CURRENT EDITION.

SCHEDULE (SEQUENCE) OF OPERATIONS

REFER TO SHEET 2.

STATE OF VERMONT
KYLE F. SWIERSKI
NO. 9059
Structural
LICENSED PROFESSIONAL ENGINEER

Kyle F. Swierski
JAN. 16, 2013

THIS DOCUMENT HAS BEEN PREPARED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF VERMONT. ANY ALTERATION TO THIS DOCUMENT SHALL BE IDENTIFIED AND SEALED/SIGNED BY THE ALTERING LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE STATE OF VERMONT LAWS AND RULES.

ALPINE CONSTRUCTION, LLC
VERMONT AGENCY OF TRANSPORTATION

WOODSTOCK BRIDGE BHO 1444(52)
TEMPORARY WORKS FOR REHAB
COFFERDAMS FOR ABUTMENTS & PIER
PLAN

DATE	REV.	DESCRIPTION OF REVISIONS	DRAWN BY	CHECKED BY
JAN. 16, 2013	1	UPDATED	LSS	KFS
DEC. 03, 2012	0	ISSUED FOR CONSTRUCTION	LSS	KFS

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PROJECT ID	ALP-WB
DRAWING NUMBER	ALP-WB-04
SHEET	1 OF 3
REV.	1