

MANUFACTURED BY:



CAMP PRECAST CONCRETE PRODUCTS
78 PRECAST RD
MILTON, VT 05468
PHONE: (802)953-2401 FAX: (802)953-1542

PROJECT:

VAOT US ROUTE 7 BOX CULVERT
TOWN OF BRANDON, VERMONT
5'-0" x 3'-0" x 85'-5 1/2" BOX CULVERT

PREPARED BY:



154 COURT STREET, BIRCHMOUNT, NY 13031
PHONE: (315)231-6600 FAX: (315)231-6630

SHOP DRAWING REVIEW
REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT

PROVIDE AS SUBMITTED
 PROVIDE AS CORRECTED
 REVISE AND RESUBMIT
 REJECTED - SEE REMARKS
 SUBMITTAL NOT REQUIRED - RETURNED WITHOUT REVIEW

THIS REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION, CORRECTIONS OR COMMENTS SHOWN AND/OR NOTED ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR: DETERMINING THE ACCURACY AND COMPLETENESS OF DETAILS, SUCH AS DIMENSIONS AND QUANTITIES; SUBSTANTIATING INSTRUCTIONS FOR INSTALLATION OR PERFORMANCE OF EQUIPMENT OR SYSTEMS; THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, INCLUDING SAFETY PRECAUTIONS AND PROCEDURES; AND THE SELECTION OF FABRICATION PROCESSES. ENGINEER'S APPROVAL OF A SPECIFIC ITEM SHALL NOT INDICATE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. FURTHER, ENGINEER'S REVIEW OF CONTRACTOR'S SUBMITTALS SHALL NOT RELIEVE THE CONTRACTOR OF ITS OBLIGATIONS UNDER THE CONTRACT DOCUMENTS WITH RESPECT TO THE PREPARATION AND/OR APPROVAL OF SUCH SUBMITTALS.

CLD CONSULTING ENGINEERS, INC.
540 COMMERCIAL STREET
MANCHESTER, NEW HAMPSHIRE

BY: *JLB* DATE: 3/30/10

DRAWING SCHEDULE

SHEET NO.	DESCRIPTION	REVISIONS	
		REV. NO.	DATE
1	COVER SHEET	2	3/22/10
2	PLAN & ELEVATION VIEW	1	1/8/10
3	DETAILS	2	3/22/10

DESIGN NOTES

ASSUMPTIONS: (TO BE VERIFIED BY COR)

- DESIGN WITH HS-20 LOADING.
- EARTH COVER = 2'-6" TO 3'-6"
- UNIT WEIGHT OF SOIL = 140 PCF
- BAR COVER = 2" U.N.C.
- EQUIVALENT FLOOR PRESSURE = 60 PCF MAX, 30 PCF MIN.
- $f'_c @ 28 \text{ DAYS} = 6000 \text{ PSI}$
- REINFORCEMENT = BAR PER ASTM A615, GRADE 60

GET 2:4' TO 3:4' BUT OK AS IS

PLANS CALL FOR $f'_c = 3.5 \text{ KSI}$ OR 4.0 KSI . HIGH STRENGTH CONCRETE OK BUT NO ADDITIONAL COMPENSATION WILL BE PROVIDED

