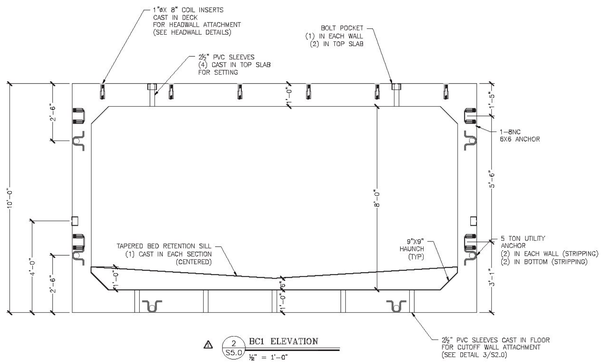
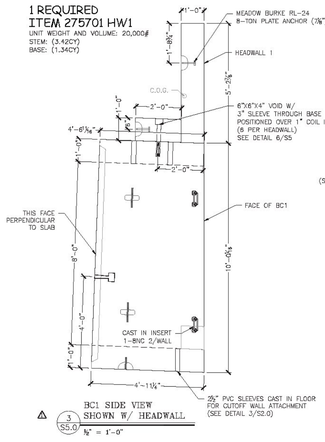
NOTE:
ADJUST REINFORCING SPACING AS REQUIRED TO AVOID INSERTS

1 S5.0 BC1 PLAN VIEW
⅜" = 1'-0"

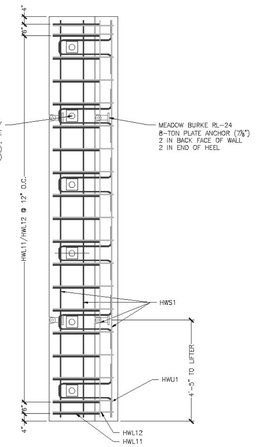
1 REQUIRED
ITEM 281608
UNIT WEIGHT AND VOLUME: 38,560#
BC: (8.76CY)
BAFFLE: (0.42CY)



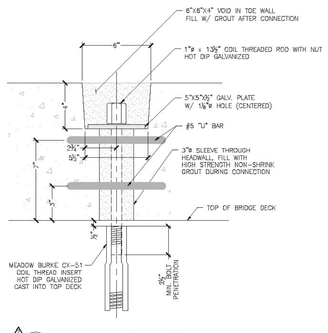
2 S5.0 BC1 ELEVATION
⅜" = 1'-0"



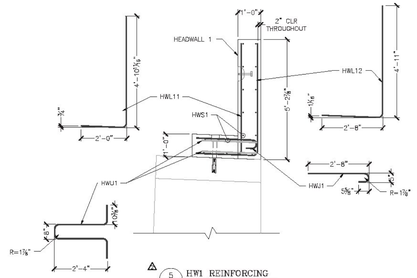
3 S5.0 BC1 SIDE VIEW SHOWN W/ HEADWALL
⅜" = 1'-0"



4 S5.0 HW1 PLAN VIEW
⅜" = 1'-0"



6 S5.0 HEADWALL ANCHORAGE DETAIL
3" = 1'-0"



5 S5.0 HW1 REINFORCING
⅜" = 1'-0"

ALL REINFORCING IN THIS DETAIL IS TO BE EPOXY COATED.
CHAIRS, SPACERS, AND TIES IN AREAS OF EPOXY COATED REINFORCING SHALL BE PLASTIC OR EPOXY COATED.

HEADWALL 1 REINFORCING SCHEDULE (COUNTS REFLECT 1 UNIT)

LOCATION	MARK	QTY	SIZE	SPACING	TYPE	CUT LENGTH
VERTICAL OSF	HWL11	18	#5	12"	"L"	8'-8½"
VERTICAL OSF	HWL12	18	#5	12"	"L"	7'-5⅜"
LONGITUDINAL (STEM)	HWS1	12	#5	12"	STRAIGHT	17'-4"
BASE TOP MAT	HWU1	19	#5	12"	"J"	3'-3⅝"
BASE AT SLEEVES	HWU1	6	#5	3'-0"	"J"	8'-3⅝"
LONGITUDINAL (BASE)	HWS1	4	#5	12"	STRAIGHT	17'-4"

Vermont Agency of Transportation
RECEIVED
CK'D BY JW/JG OK'D BY JS
March 3, 2014
RESUBMIT NO Approved
BY KH DATE 3-10-2014

MICHIE CORPORATION APPROVED FOR CONSTRUCTION
DATE: 9/4/2013
INITIAL: PJL

No.	Date	By
1	2/21/14	PJL
	BOX Comments	PJL
	BOX Comments	By
	Revisions	

STATE OF VERMONT — NO. 0871 — REGISTERED PROFESSIONAL ENGINEER — PAUL J. LEMAY

MICHIE CORPORATION, INC
ENGINEERS & LAND SURVEYORS
HEBRON, NH 03241
TELEPHONE: 603-744-3311
FAX: 603-428-7426

Fire Drive off VT Rte. 30
VAOT #ER-BRF 015-1(23)
Jamaica, VT
16'x8' Box Culvert - BC1 & HW1 Details

Project No. 3745 | Designed by: PJL | Drawn by: RMB | Checked by: MJF | State: AS SHOWN

Prepared for:
Bazin Brothers Trucking
2425 Back Westminster Road
Westminster, VT 05158

DWG NO.
S5.0