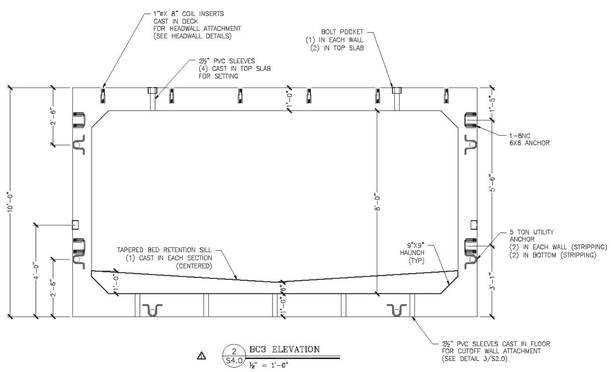
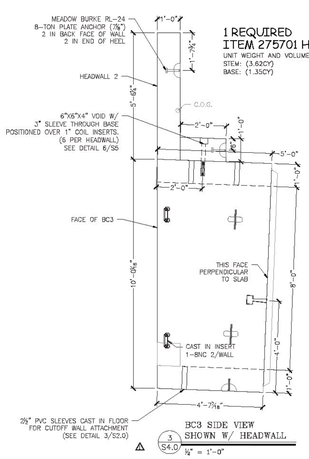
NOTE:
ADJUST REINFORCING SPACING AS REQUIRED TO AVOID INSERTS

△ 1 S4.0 BC3 PLAN VIEW
½" = 1'-0"

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

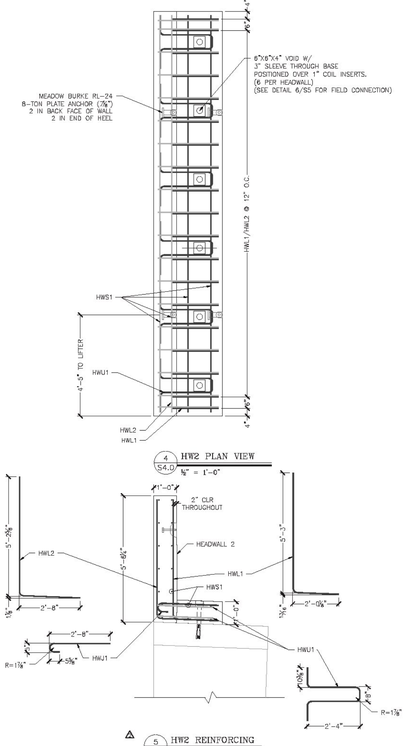


△ 2 S4.0 BC3 ELEVATION
½" = 1'-0"



△ 3 S4.0 BC3 SIDE VIEW SHOWN W/ HEADWALL
½" = 1'-0"

1 REQUIRED
ITEM 275701 HW2
UNIT WEIGHT AND VOLUME: 20,875#
STEM: (3.62CY)
BASE: (1.35CY)



△ 4 S4.0 HW2 PLAN VIEW
½" = 1'-0"

△ 5 S4.0 HW2 REINFORCING
½" = 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 3 REINFORCING SCHEDULE (COUNTS REFLECT 1 UNIT)

LOCATION	MARK	QTY	SIZE	SPACING	TYPE	CUT LENGTH
VERTICAL ISF	HWL1	19	#5	13"	"L"	7'-0⅝"
VERTICAL OSF	HWL2	19	#5	13"	"L"	7'-0⅝"
LONGITUDINAL (STEM)	HWS1	12	#5	13"	STRAIGHT	17'-4"
BASE TOP MAT	HWU1	19	#5	13"	"J"	3'-3⅝"
BASE AT SLEEVES	HWU1	6	#5	3'-0"	"U"	6'-3⅝"
LONGITUDINAL (BASE)	HWS1	4	#5	13"	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	Revision	By
1		EOR Comments	PJL
2		EOR Comments	PJL

STATE OF VERMONT — PAUL J. LEMIEUX — NO. 9021 — REGISTERED PROFESSIONAL ENGINEER — 2/21/14

MICHIE
MICHIE CORPORATION, INC.
CIVIL ENGINEERS & LAND SURVEYORS
HENNIKER, NH 03242
PHONE: 603.428.3183
FAX: 603.428.7426

Fire Drive off VT Rte. 30
VAOT #ER-BRF 015-1(23)
Jamaica, VT
16'x8' Box Culvert - BC3 & HW2 Details

Project No. 3745 | Designed by: PJL | Drawn by: RMB | Checked by: TAF | Scale: AS SHOWN

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

DWG NO.
S4.0