BC2 REINFORCING SCHEDULE (COUNTS REFLECT 1 UNIT)

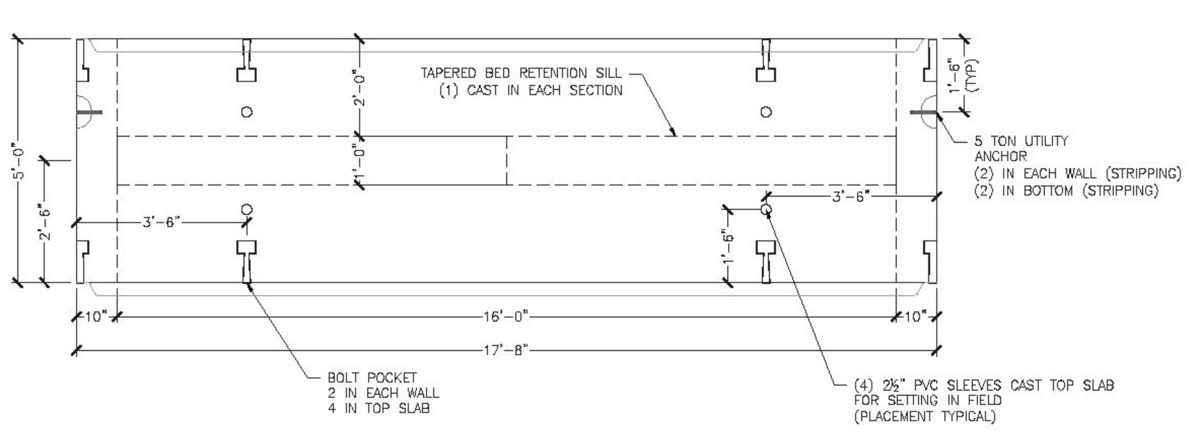
LOCATION	MARK	QTY	SIZE	SPACING	TYPE	CUT LENGTH	HORIZ. LEG	VERT. LEG
TOP SLAB (INT)	A100	10	#7	6"	STRAIGHT	17'–4"		
BOT. SLAB (INT)	A200	10	#7	6"	STRAIGHT	17'–4"		
TOP SLAB (EXT)	A300	5	#4	12"	STRAIGHT	17'–4"		
BOT. SLAB (EXT)	A400	5	#4	12"	STRAIGHT	17'–4"		
WALL (EXT)	A1	20	#6	6"	"U" BARS	18'–5" UNBENT		
WALL (INT)	B1	16	#5	8"	STRAIGHT	9'–8"		
LONGIT. TOP (EXT)	C1	18	#4	12"	STRAIGHT	4'–8½"		
LONGIT. TOP (INT)	C100	18	#4	12"	STRAIGHT	4'–8½"		
LONGIT. BOT. (INT)	C200	18	#4	12"	STRAIGHT	4'–8½"		
LONGIT. BOT (EXT)	C1	18	#4	12"	STRAIGHT	4'–8½"		
LONGIT. WALL (EXT)	C1	16	#4	12"	STRAIGHT	4'–8½"		
LONGIT. WALL (INT)	C1	16	#4	12"	STRAIGHT	4'–8½"		

BC1 REINFORCING SCHEDULE (COUNTS REFLECT 1 UNIT)

LOCATION	MARK	QTY	SIZE	SPACING	TYPE	CUT LENGTH	HORIZ. LEG	VERT. LEG
TOP SLAB (INT)	A100	10	#7	6"	STRAIGHT	17'–4"		
BOT. SLAB (INT)	A200	10	#7	6"	STRAIGHT	17'–4"		
TOP SLAB (EXT)	A300	5	#4	12"	STRAIGHT	17'–4"		
BOT. SLAB (EXT)	A400	5	#4	12"	STRAIGHT	17'–4"		
WALL (EXT)	A1	20	#6	6"	"U" BARS	18'–5" UNBENT		
WALL (INT)	B1	16	#5	8"	STRAIGHT	9'–8"		
LONGIT. TOP (EXT)	C1	18	#4	12"	STRAIGHT	4'–3¼"		
LONGIT. TOP (INT)	C100	18	#4	12"	STRAIGHT	4'–0¼"		
LONGIT. BOT. (INT)	C200	18	#4	12"	STRAIGHT	4'–4¾"		
LONGIT. BOT (EXT)	C1	18	#4	12"	STRAIGHT	4'–7¾"		
LONGIT. WALL (EXT)	C1	16	#4	12"	STRAIGHT	VARIES 4'–7¾" TO 4'–3¼"		
LONGIT. WALL (INT)	C1	16	#4	12"	STRAIGHT	VARIES 4'–4¾" TO 4'–0¼"		

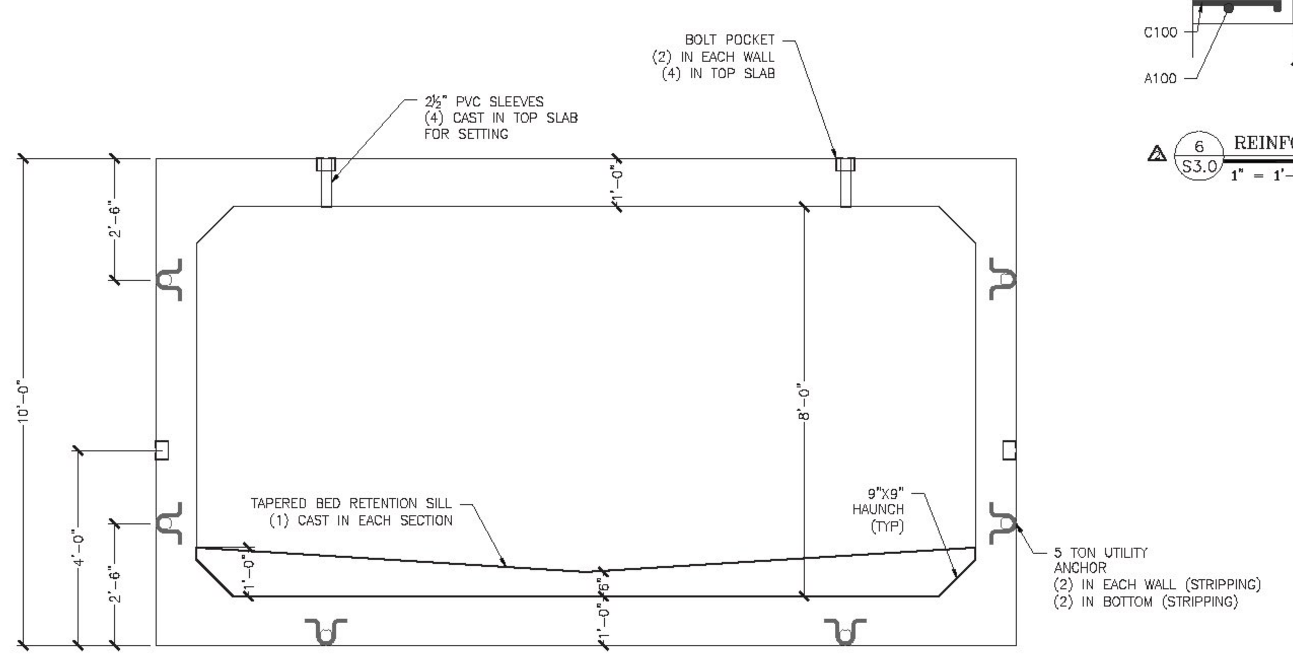
BC3 REINFORCING SCHEDULE (COUNTS REFLECT 1 UNIT)

LOCATION	MARK	QTY	SIZE	SPACING	TYPE	CUT LENGTH	HORIZ. LEG	VERT. LEG
TOP SLAB (INT)	A100	10	#7	6"	STRAIGHT	17'–4"		
BOT. SLAB (INT)	A200	10	#7	6"	STRAIGHT	17'–4"		
TOP SLAB (EXT)	A300	5	#4	12"	STRAIGHT	17'–4"		
BOT. SLAB (EXT)	A400	5	#4	12"	STRAIGHT	17'–4"		
WALL (EXT)	A1	20	#6	6"	"U" BARS	18'–5" UNBENT		
WALL (INT)	B1	16	#5	8	STRAIGHT	9'–8"		
LONGIT. TOP (EXT)	C1	18	#4	12"	STRAIGHT	4'–8½"		
LONGIT. TOP (INT)	C100	18	#4	12"	STRAIGHT	4'–11½"		
LONGIT. BOT. (INT)	C200	18	#4	12"	STRAIGHT	4'–7"		
LONGIT. BOT (EXT)	C1	18	#4	12"	STRAIGHT	4'–4"		
LONGIT. WALL (EXT)	C1	16	#4	12"	STRAIGHT	VARIES 4'–8½" TO 4'–4"		
LONGIT. WALL (INT)	C1	16	#4	12"	STRAIGHT	VARIES 4'–11½" TO 4'–7"		

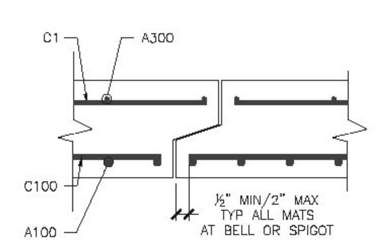


1 S3.0 BC2 PLAN VIEW ½" = 1'–0"

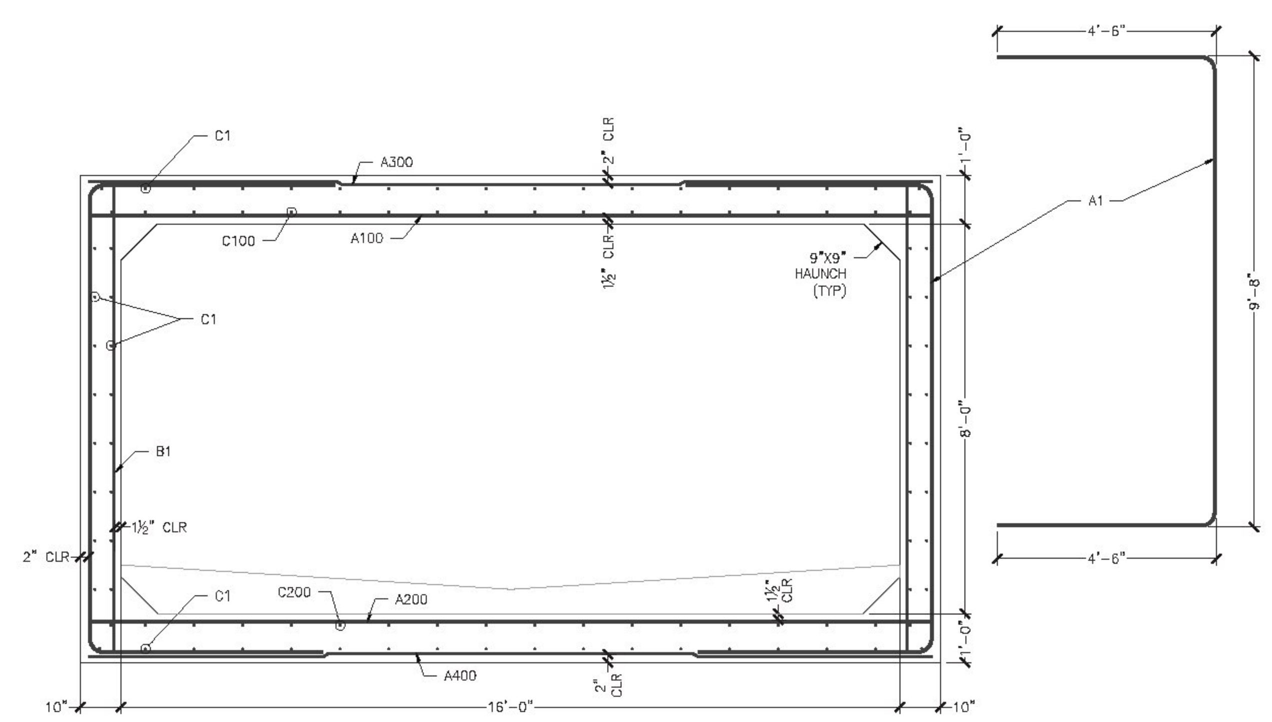
15 REQUIRED
ITEM 281608
UNIT WEIGHT AND VOLUME:40,500#
BC: (9.22CY)
BAFFLE: (0.42CY)



2 S3.0 BC2 ELEVATION ½" = 1'–0"



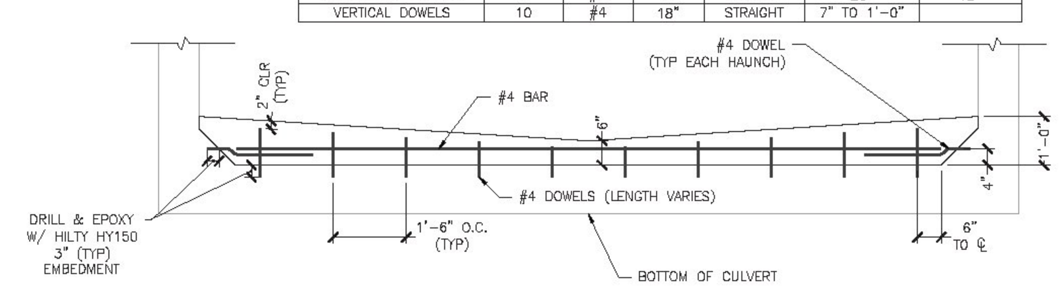
6 S3.0 REINFORCING AT JOINT 1" = 1'–0"



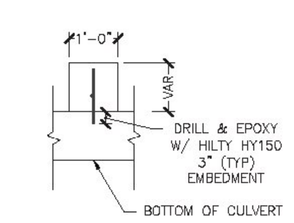
3 S3.0 BC TYPICAL REINFORCING ½" = 1'–0"

BAFFLE REINFORCING SCHEDULE (COUNTS REFLECT 1 UNIT)

LOCATION	QTY	SIZE	SPACING	TYPE	CUT LENGTH	LAP
HORIZONTAL BAR	1	#4	–	STRAIGHT	14'–6"	18"
HORIZONTAL DOWELS	2	#4	–	STRAIGHT	26"	18"
VERTICAL DOWELS	10	#4	18"	STRAIGHT	7" TO 1'–0"	



4 S3.0 BED RETENTION SILL (ELEVATION VIEW) ½" = 1'–0"



5 S3.0 CROSS SECTION BED RETENTION SILL 1/2" = 1'

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

STATE OF VERMONT
THOMAS A. FRENCH
NO. 8871
Structural
LICENSED PROFESSIONAL ENGINEER
2/21/14

MICHIE CORPORATION, INC.
173 BUXTON INDUSTRIAL DRIVE-PO BOX 870
HENNIKER, NH 03242
PHONE: 603-428-3218
FAX: 603-428-7426

Fire Drive off VT Rte. 30
VAOT #ER-BRF 015-1(23)
Jamaica, VT
16'x8' Box Culvert - BC2 Details

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

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

DWG NO. S3.0