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

⚠ 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.

ANCHOR TYPE "B"

CONCRETE QUANTITY	0.41 CY
WEIGHT	1740 LB
W1	1'-4"
W2	3'-5⅜"
X = 2'-0⅜"	Y= 1'-8⅜"

BAR LIST

MARK	QTY	SIZE	L	TYPE	LENGTH
B501	1	#5	4'-4½"	1	10'-1½"
B502	1	#5	4'-0½"	1	9'-5"
B503	1	#5	3'-9½"	1	8'-9"
B504	1	#5	3'-0"	1	7'-4½"
B505	2	#5	3'-8½"	2	4'-7"
B506	2	#5	-----	Str.	3'-3"
B507	4	#5	-----	Str.	4'-4½"
B508	7	#5	-----	Str.	2'-3"
B509	2	#5	-----	Str.	3'-8"

ANCHOR TYPE "C"

CONCRETE QUANTITY	0.48 CY
WEIGHT	2010 LB
W1	2'-4"
W2	4'-5⅜"
X = 2'-8⅜"	Y= 1'-8⅜"

BAR LIST

MARK	QTY	SIZE	L	TYPE	LENGTH
B501	1	#5	5'-4½"	1	12'-1½"
B502	1	#5	5'-0½"	1	11'-5"
B503	1	#5	4'-9½"	1	10'-9"
B504	1	#5	4'-0"	1	9'-4½"
B505	2	#5	3'-8½"	2	4'-7"
B506	2	#5	-----	Str.	3'-3"
B507	4	#5	-----	Str.	4'-4½"
B508	7	#5	-----	Str.	2'-3"
B509	2	#5	-----	Str.	3'-8"

ANCHOR TYPE "D"

CONCRETE QUANTITY	0.54 CY
WEIGHT	2285 LB
W1	3'-4"
W2	5'-5⅜"
X = 3'-3⅜"	Y= 1'-8⅜"

BAR LIST

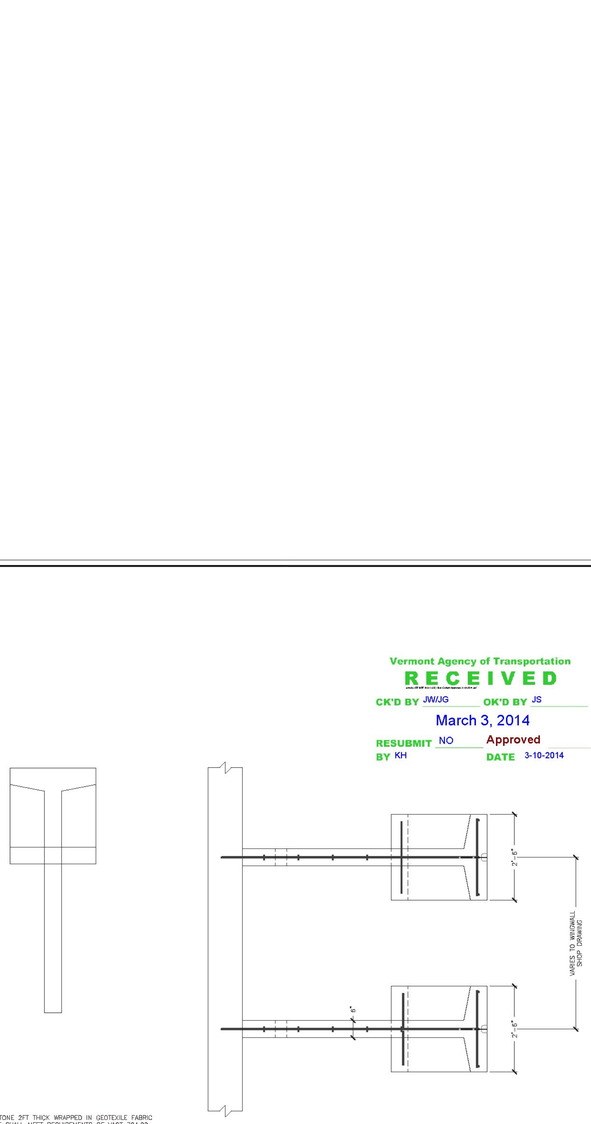
MARK	QTY	SIZE	L	TYPE	LENGTH
B501	1	#5	6'-4½"	1	14'-1½"
B502	1	#5	6'-0½"	1	13'-5"
B503	1	#5	5'-9½"	1	12'-9"
B504	1	#5	5'-0"	1	11'-4½"
B505	2	#5	3'-8½"	2	4'-7"
B506	2	#5	-----	Str.	3'-3"
B507	4	#5	-----	Str.	4'-4½"
B508	7	#5	-----	Str.	2'-3"
B509	2	#5	-----	Str.	3'-8"

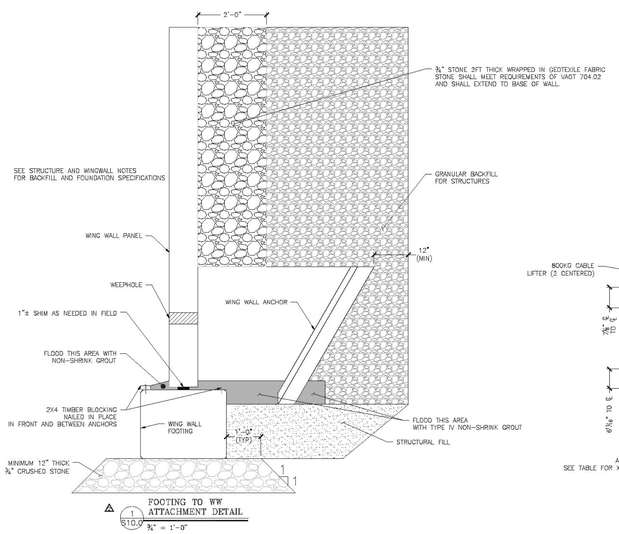
ANCHOR TYPE "E"

CONCRETE QUANTITY	0.61 CY
WEIGHT	2550 LB
W1	4'-4"
W2	6'-5⅜"
X = 4'-0"	Y= 1'-8⅜"

BAR LIST

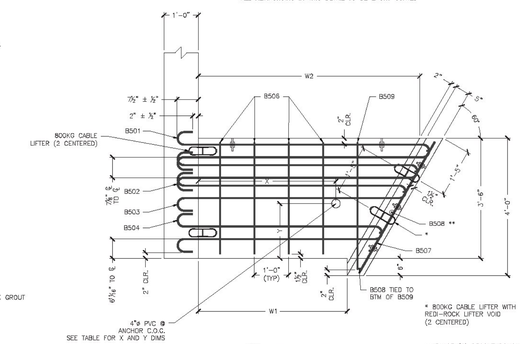
MARK	QTY	SIZE	L	TYPE	LENGTH
B501	1	#5	7'-4½"	1	16'-1½"
B502	1	#5	7'-0½"	1	15'-5"
B503	1	#5	6'-9½"	1	14'-9"
B504	1	#5	6'-0"	1	13'-4½"
B505	2	#5	3'-8½"	2	4'-7"
B506	8	#5	-----	Str.	3'-3"
B507	4	#5	-----	Str.	4'-4½"
B508	7	#5	-----	Str.	2'-3"
B509	2	#5	-----	Str.	3'-8"





⚠ 1 S10.0 FOOTING TO WW ATTACHMENT DETAIL
¾" = 1'-0"

NOTE: REINFORCING SHOWN REPRESENTS "E" ANCHOR
OTHER ANCHOR REINFORCING SIMILAR
ALL REINFORCING IN THIS DETAIL TO BE EPOXY COATED

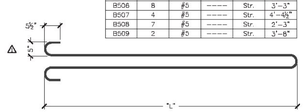


2 S10.0 ANCHOR DETAIL
¾" = 1'-0"

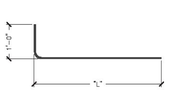
* BOOKG CABLE LIFTER WITH RECI-ROCK LIFTER VOID (2 CENTERED)

** PLACE (1) B508 THROUGH EACH HOOP BARS, (1) CENTERED BETWEEN HOOP BARS 503 & 504, AND (2) BELOW B504 HOOP BAR W/ BOTTOM B508 2" CLEAR FROM BOTTOM (7 TOTAL)

20 REQ'D



TYPE 1



TYPE 2

By	Date	No.	Revision
PEL			
PEL			
		⚠	BOR Comments
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MICHIE CORPORATION, INC
ENGINEERS & LAND SURVEYORS
PENNACOOK, NH 03243
PHONE: 603-428-3228
FAX: 603-428-7426

Fire Drive off VT Rte. 30
VAOT #ER-BRF 015-1(23)
Jamaica, VT
16'x8' Box Culvert - Wingwall Anchor Details
State: A.S.BROWN
Project No. 3745
Designed by: PEL | Drawn by: BKB | Checked by: KAF

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

DWG NO.
S10.0