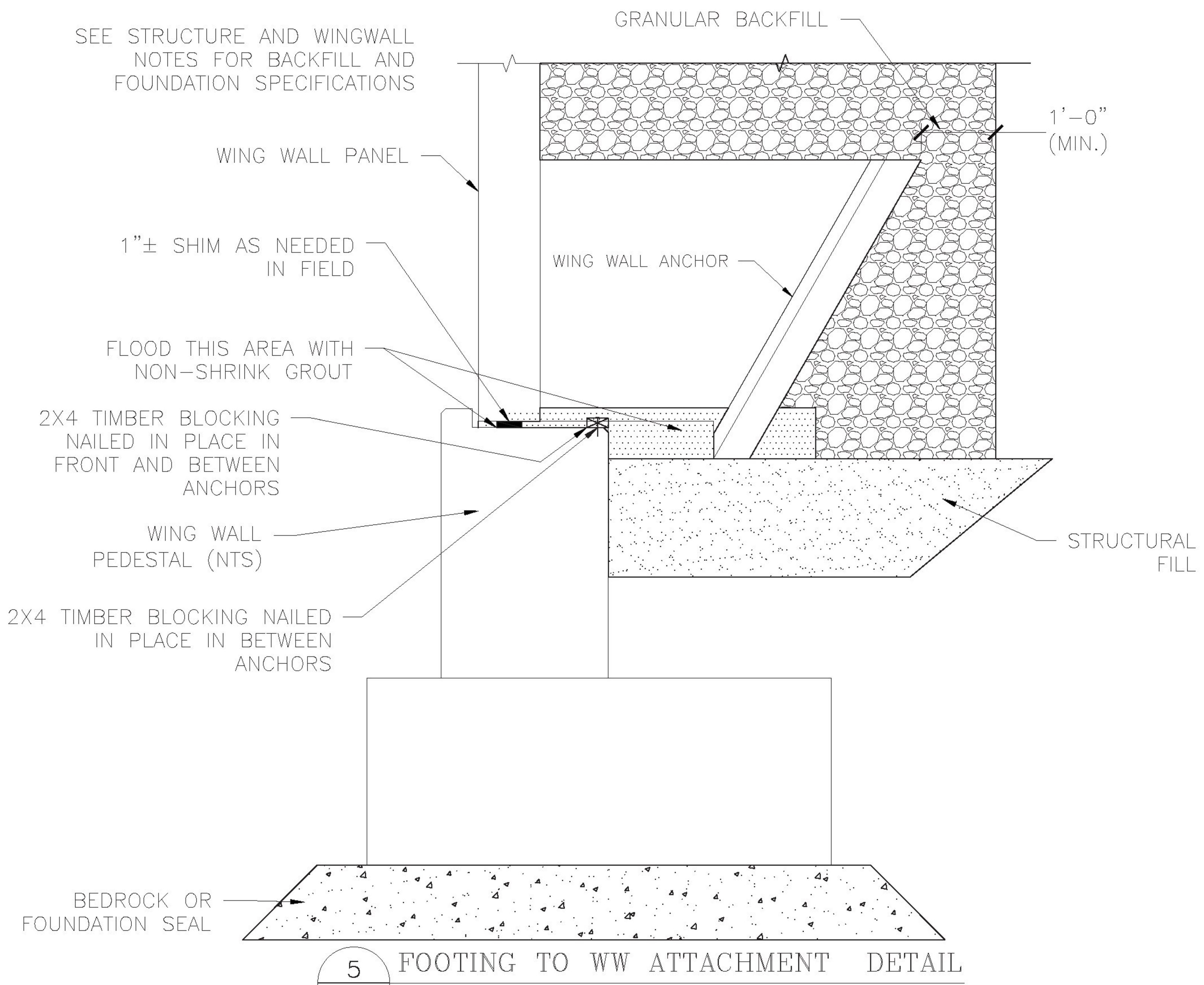


5 / S7.0 FOOTING TO WW ATTACHMENT DETAIL
¾" = 1'-0"

NOTE: BAR COUNTS REPRESENT 1 UNIT.

WW1A REINFORCING SCHEDULE

BAR MARK	LOCATION	TYPE	SIZE/SPACING	CUT LENGTH	# OF PCS
VERTICAL	OSF	STRAIGHT	#5 @ 12"	12'-8" TO 10'-10"	9
VERTICAL	ISF	STRAIGHT	#5 @ 5"	12'-8" TO 10'-10"	22
HORIZONTAL	OSF	STRAIGHT	#5 @ 12"	9'-2"	13
HORIZONTAL	ISF	STRAIGHT	#5 @ 12"	8'-11"	13
DIAGONAL	FOLLOW SLOPE	STRAIGHT	#4	8'-10"	2

WW1B REINFORCING SCHEDULE

BAR MARK	LOCATION	TYPE	SIZE/SPACING	CUT LENGTH	# OF PCS
VERTICAL	OSF	STRAIGHT	#5 @ 12"	10'-10" TO 8'-10"	10
VERTICAL	ISF	STRAIGHT	#5 @ 5"	10'-10" TO 8'-10"	23
HORIZONTAL	OSF	STRAIGHT	#5 @ 12"	9'-2"	11
HORIZONTAL	ISF	STRAIGHT	#5 @ 12"	9'-2"	11
DIAGONAL	FOLLOW SLOPE	STRAIGHT	#4	9'-4"	2

WW2A REINFORCING SCHEDULE

BAR MARK	LOCATION	TYPE	SIZE/SPACING	CUT LENGTH	# OF PCS
VERTICAL	OSF	STRAIGHT	#5 @ 12"	7'-1" TO 3'-4"	10
VERTICAL	ISF	STRAIGHT	#5 @ 12"	7'-1" TO 3'-4"	10
HORIZONTAL	OSF	STRAIGHT	#5 @ 12"	6'-9"	8
HORIZONTAL	ISF	STRAIGHT	#5 @ 12"	9'-4"	8
DIAGONAL	FOLLOW SLOPE	STRAIGHT	#4	6'-0"	2

WW3A REINFORCING SCHEDULE

BAR MARK	LOCATION	TYPE	SIZE/SPACING	CUT LENGTH	# OF PCS
VERTICAL	OSF	STRAIGHT	#5 @ 12"	5'-8" TO 3'-7"	8
VERTICAL	ISF	STRAIGHT	#5 @ 12"	5'-8" TO 3'-7"	7
HORIZONTAL	OSF	STRAIGHT	#5 @ 12"	6'-7"	6
HORIZONTAL	ISF	STRAIGHT	#5 @ 12"	9'-2"	6
DIAGONAL	FOLLOW SLOPE	STRAIGHT	#4	9'-4"	2

WW4A REINFORCING SCHEDULE

BAR MARK	LOCATION	TYPE	SIZE/SPACING	CUT LENGTH	# OF PCS
VERTICAL	OSF	STRAIGHT	#5 @ 5"	12'-3" TO 10'-10"	10
VERTICAL	ISF	STRAIGHT	#5 @ 12"	12'-3" TO 10'-10"	10
HORIZONTAL	OSF	STRAIGHT	#5 @ 12"	9'-8"	12
HORIZONTAL	ISF	STRAIGHT	#5 @ 12"	9'-3"	12
DIAGONAL	FOLLOW SLOPE	STRAIGHT	#4	9'-4"	2

WW4B REINFORCING SCHEDULE

BAR MARK	LOCATION	TYPE	SIZE/SPACING	CUT LENGTH	# OF PCS
VERTICAL	OSF	STRAIGHT	#5 @ 5"	10'-10" TO 9'-4"	10
VERTICAL	ISF	STRAIGHT	#5 @ 12"	10'-10" TO 9'-4"	10
HORIZONTAL	OSF	STRAIGHT	#5 @ 12"	9'-8"	12
HORIZONTAL	ISF	STRAIGHT	#5 @ 12"	9'-8"	12
DIAGONAL	FOLLOW SLOPE	STRAIGHT	#4	9'-4"	2

WW4C REINFORCING SCHEDULE

BAR MARK	LOCATION	TYPE	SIZE/SPACING	CUT LENGTH	# OF PCS
VERTICAL	OSF	STRAIGHT	#5 @ 12"	9'-4" TO 7'-11"	10
VERTICAL	ISF	STRAIGHT	#5 @ 12"	9'-4" TO 7'-11"	10
HORIZONTAL	OSF	STRAIGHT	#5 @ 12"	9'-8"	10
HORIZONTAL	ISF	STRAIGHT	#5 @ 12"	9'-8"	10
DIAGONAL	FOLLOW SLOPE	STRAIGHT	#4	9'-4"	2

Vermont Agency of Transportation
RECEIVED
CK'D BY TYLin OK'D BY KMH
September 14, 2016
RESUBMIT No Approved
BY Kristin Higgins DATE 09-14-2016

TYLININTERNATIONAL
The stamped documents are hereby:
_X_ Approved
____ Approved as noted
____ Revise and resubmit
See transmittal for additional information as applicable.
This review is for general conformance with design concept only. Any deviation from the plans or specifications not clearly noted by the Contractor has not been reviewed. Review by the Engineer shall not relieve the Contractor of the contractual responsibility for any errors or deviation from the contract requirements.
Josh Olund 09/13/2016
Reviewer Date

5 REQ'D

ANCHOR TYPE "C"					
CONCRETE QUANTITY				0.48 CY	
WEIGHT				2010 LB	
W1				2'-4"	
W2				4'-5⅜"	
X =	2'-8¾"	Y=	1'-8½"		
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'-8¼"	1	10'-9"
B504	1	#5	4'-0"	1	9'-4½"
B505	2	#5	3'-8½"	2	4'-7"
B506	4	#5	----	Str.	3'-3"
B507	4	#5	----	Str.	4'-4½"
B508	7	#5	----	Str.	2'-3"

1 REQ'D

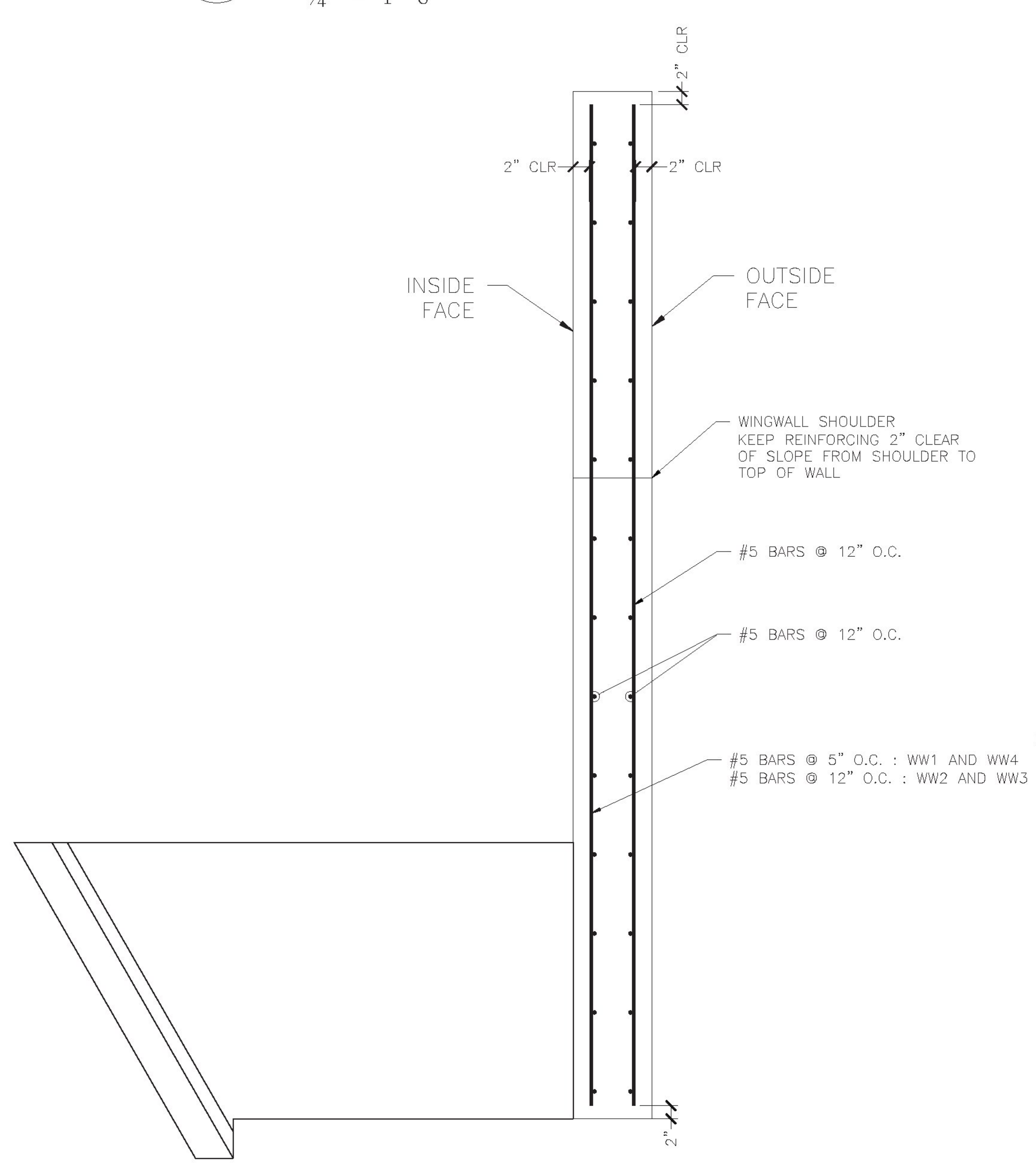
ANCHOR TYPE "D"					
CONCRETE QUANTITY				0.48 CY	
WEIGHT				2020 LB	
W1				3'-4"	
W2				5'-5⅜"	
X =	3'-5⅛"	Y=	1'-8½"		
BAR LIST					
MARK	QTY	SIZE	L	TYPE	LENGTH
B501	1	#5	6'-4½"	1	14'-1½"
B502	1	#5	6'-0½"	1	13'-5"
B503	1	#5	5'-8¼"	1	12'-9"
B504	1	#5	5'-0"	1	11'-4½"
B505	2	#5	3'-8½"	2	4'-7"
B506	6	#5	----	Str.	3'-3"
B507	4	#5	----	Str.	4'-4½"
B508	7	#5	----	Str.	2'-3"

6 REQ'D

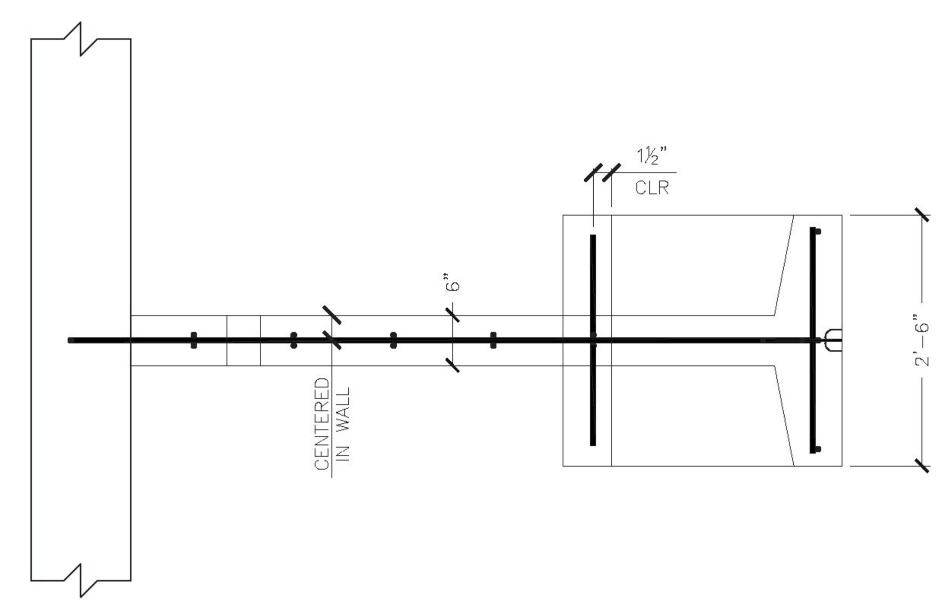
ANCHOR TYPE "E"					
CONCRETE QUANTITY				0.61 CY	
WEIGHT				2550 LB	
W1				4'-4"	
W2				6'-5⅜"	
X =	4'-0"	Y=	1'-8⅝"		
BAR LIST					
MARK	QTY	SIZE	L	TYPE	LENGTH
B501	1	#7	7'-4½"	1	16'-1½"
B502	1	#7	7'-0½"	1	15'-5"
B503	1	#7	6'-8¼"	1	14'-9"
B504	1	#5	6'-0"	1	13'-4½"
B505	2	#5	3'-8½"	2	4'-8½"
B506	8	#5	----	Str.	3'-3"
B507	4	#5	----	Str.	4'-4½"
B508	7	#5	----	Str.	2'-3"

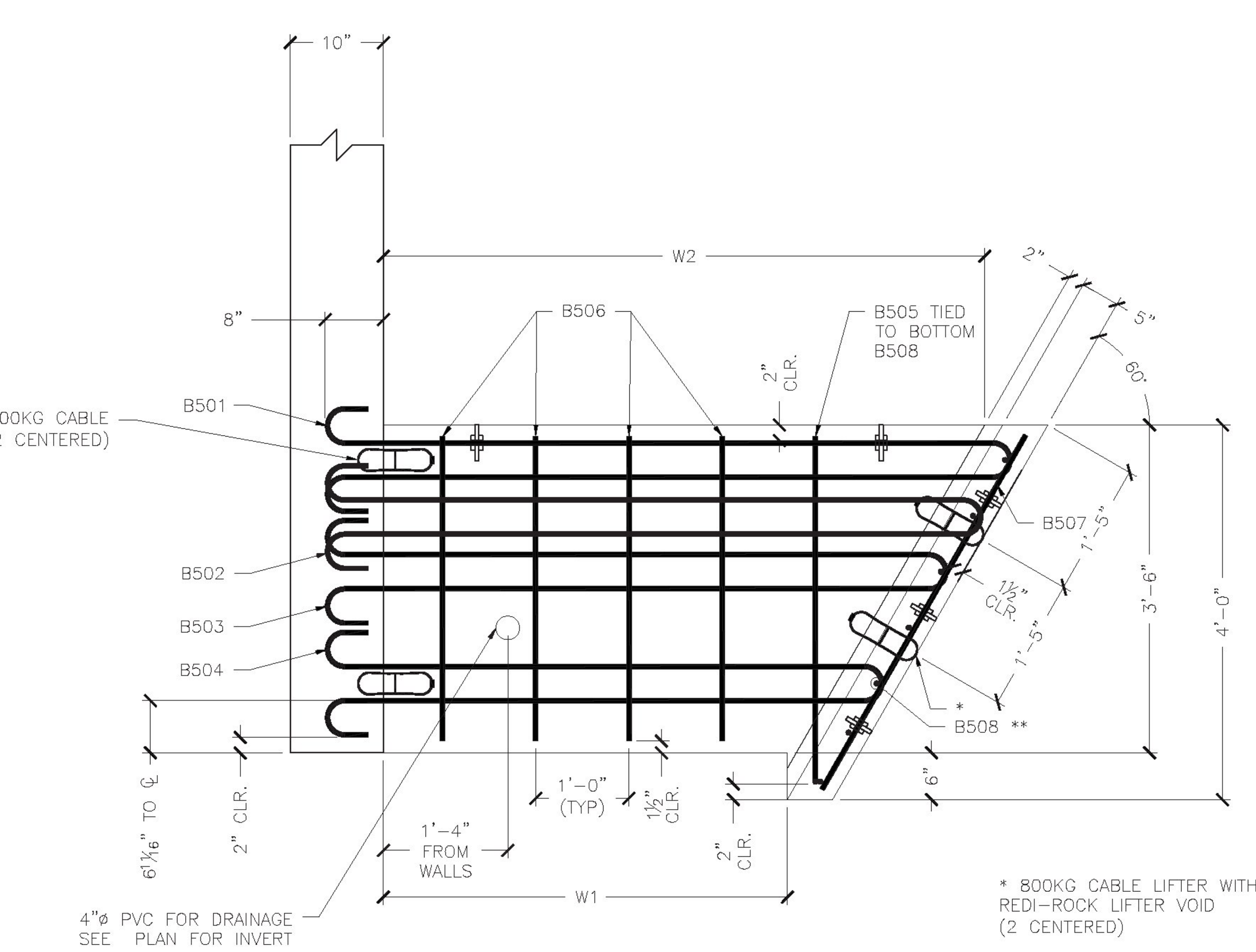
2 REQ'D

ANCHOR TYPE "F"					
CONCRETE QUANTITY				0.68 CY	
WEIGHT				2860 LB	
W1				5'-4"	
W2				7'-5⅜"	
X =	4'-7⅝"	Y=	1'-8⅝"		
BAR LIST					
MARK	QTY	SIZE	L	TYPE	LENGTH
B501	1	#7	8'-4½"	1	18'-1½"
B502	1	#7	8'-0½"	1	17'-5"
B503	1	#7	7'-8¼"	1	16'-9"
B504	1	#7	7'-0"	1	15'-4½"
B505	2	#5	3'-8½"	2	4'-8½"
B506	10	#5	----	Str.	3'-3"
B507	4	#5	----	Str.	4'-4½"
B508	7	#5	----	Str.	2'-3"



1 / S7.0 WINGWALL REINFORCING (TYP)
¾" = 1'-0"

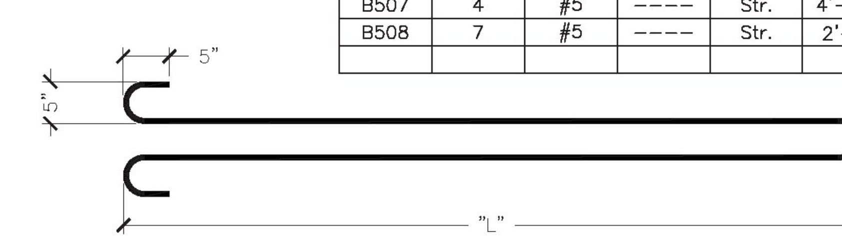




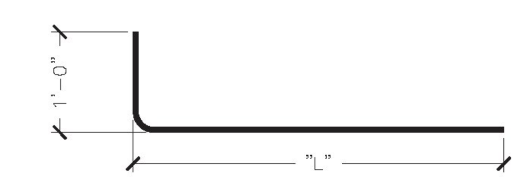
2 / S7.0 ANCHOR DETAIL
¾" = 1'-0"

* 800KG CABLE LIFTER WITH REDI-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)



TYPE 1



TYPE 2

DESIGNED AND DETAILED BY;
DELTA
ENGINEERS, ARCHITECTS, & LAND SURVEYORS
860 HOOPER ROAD, ENDWELL, NY 13760-1564
TEL (607) 231-6600 FAX (607) 231-6650

VT 100 Road Culvert
Duxbury, Vermont
Anchor Details

Project No. 7347 Date: 6/29/16 Designed by: DELTA Drawn by: GSC Checked by: Scale: AS SHOWN

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

No. Date Revision By

DWG NO.
S7.0