



**RAIL ANCHOR BOLT DETAIL**  
SCALE: 1" = 1'-0"  
DETAIL PER VT AOT STANDARDS, DRAWING PLATE S-360a  
ALL ANCHORAGE HARDWARE TO BE SUPPLIED BY CONTRACTOR

MATERIALS PER PIECE				
HFCW2 - 14.29' UNIT				
MARK #	QTY	WEIGHT PER BAR (LBS)	TOT. WEIGHT (LBS)	DESCRIPTION
A	19	8.3	157.7	#5 6'-10" LONG
B	19	7.5	142.5	#5 7'-2 3/4" LONG
C	19	4.2	79.8	#4 6'-3" LONG
L	10	8.1	81.0	#4 12'-0 3/4" LONG
TOTAL W.			461	

MATERIAL SPECIFICATIONS	
VTAOT MIX DESIGN REQUIREMENTS - PER SECTION 540	
28 DAY STRENGTH:	5,000 PSI
STRIPPING STRENGTH:	3,000 PSI
REINFORCING STEEL TO BE A615 GRADE 60, EPOXY COATED	
PRECAST HALF CONNECTOR UNITS SHALL HAVE TWO LIFTING INSERTS OF 4-TON CAPACITY EACH, MINIMUM.	
VOL. (CU.YD.) = 3.1 CY	WT. (LBS) = 12,550

APPROVED  REVISION AND REBUILD  APPROVAL AS NOTED  DISAPPROVED

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CORRELATED AND CORRELATED AT THE JOB SITE, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF HIS WORK.

**GREEN INTERNATIONAL AFFILIATES, INC.**  
CONSULTING ENGINEERS

CHECKED BY: *[Signature]* DATE: 9/11  
SIGNED BY: *[Signature]* DATE: 9/11

CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF REINFORCED EARTH STRUCTURES ONLY

STATE OF VERMONT  
PETER L. HANSEN  
PROFESSIONAL ENGINEER

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"REINFORCED EARTH" is the registered trademark of The Reinforced Earth Company.

DESIGNED BY:	PROJECT ENGR:	CHECKED BY:	REV.	DATE	DESCRIPTION	DRAWING COVERS	PROJECT NAME	LOCATION	OWNER	DATE
DTM	LY	PLA/EEH		8/19/11	REVISE REBAR SPACING AND HALF CONNECTOR DIMENSION		US ROUTE 2 OVER EXISTING STREAM	CABOT-DANVILLE VERMONT	VT AOT	04/05/11
				7/19/11	REVISE HALF CONNECTOR LENGTH					
							HFCW2 - HALF CONNECTOR			CONTRACT NO. RE-15053 DRAWING NO. S12 OF S13 SCALE AS SHOWN

R. 15053