

MATERIALS PER PIECE
HFCW3 - 16.05' UNIT

MARK #	QTY	WEIGHT PER BAR (LBS)	TOT. WEIGHT (LBS)	DESCRIPTION
A	21	8.3	174.3	#5
B	21	7.5	157.5	#5 7'-2" LONG
C	21	4.2	88.2	#4 6'-3" LONG
L	10	10.5	105.0	#4 16'-8" LONG
TOTAL W.			525	

MATERIAL SPECIFICATIONS

VT AOT MIX DESIGN REQUIREMENTS - PER SECTION 540

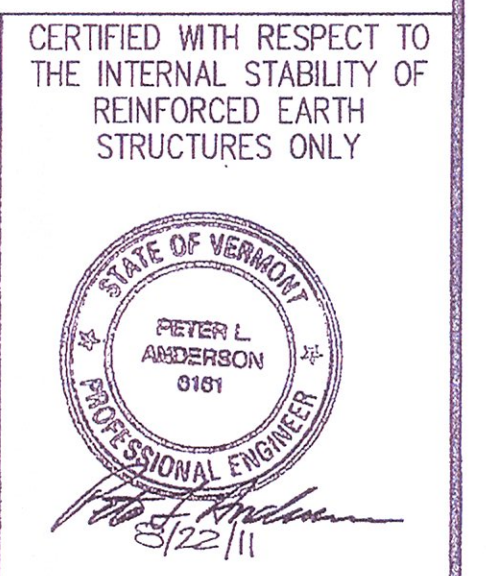
28 DAY STRENGTH: 5,000 PSI

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.) = 3.5 CY WT. (LBS) = 14,150



APPROVED

Checked and Resubmitted Approved as Noted

DISAPPROVED

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION OVER 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 CONFIRMED AND CORRELATED AT THE JOB SITE. SUBMITTAL PROCEDURES AND TECHNIQUES OF CONSTRUCTION; SOUVERAINITY OF THE WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

GREEN INTERNATIONAL AFFILIATES, INC.
CONSULTING ENGINEERS

CHECKED BY: *PLA/EEH* DATE: 8/19/11
SIGNED BY: *Michael A. Coyle* DATE: 8/19/11

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REINFORCED EARTH
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DESIGNED BY: DTM	PROJECT NAME: US ROUTE 2 OVER EXISTING STREAM	DATE: 04/05/11
PROJECT ENGR: LY	LOCATION: CABOT-DANVILLE VERMONT	CONTRACT NO. RE-15053
CHECKED BY: PLA/EEH	OWNER: VT AOT	DRAWING NO. S13 OF S13
REV. DATE: 8/19/11	DRAWING COVERS: HFCW3 - HALF CONNECTOR	SCALE: AS SHOWN
DESCRIPTION: REVISE REBAR SPACING AND HALF CONNECTOR DIMENSION		

R-15053