

State of Vermont  
PDD/Structures Design Section  
National Life Building – Drawer 33  
Montpelier, VT 05633-5001  
[www.aot.state.vt.us](http://www.aot.state.vt.us)

Agency of Transportation

[phone] 802-828-01611  
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**March 22, 2016**

CCS Constructors, Inc.  
138 Munson Avenue  
Morrisville, VT 05661

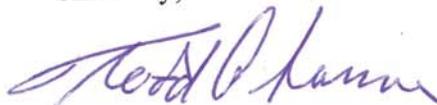
**Project Name: New Haven BRF 0183(1)**

**Structure Identification: TH 2, Bridge 10**

The drilled shaft rebar column cage submittal associated with Items 900.640 Special Provision (Drilled Shaft in Earth)(8-FT) has been reviewed and is being returned herewith.

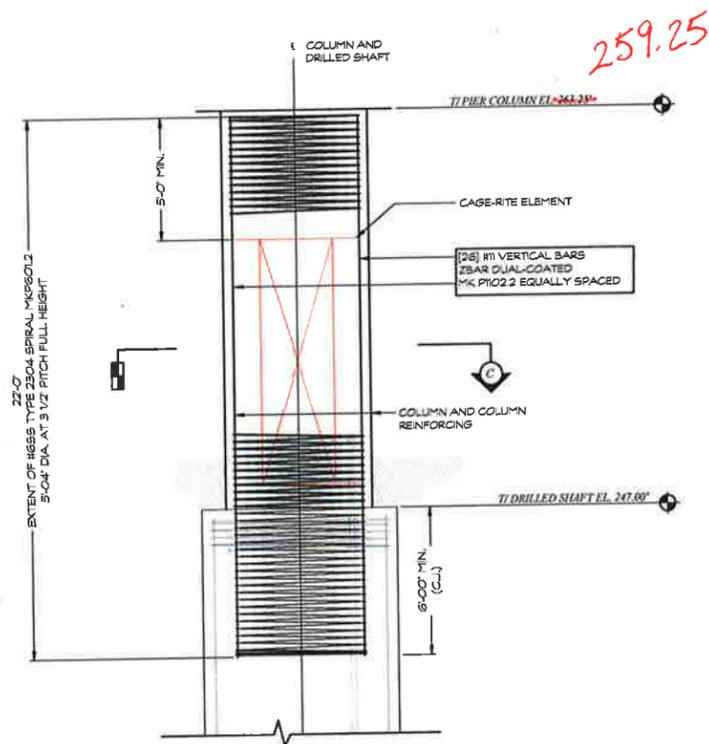
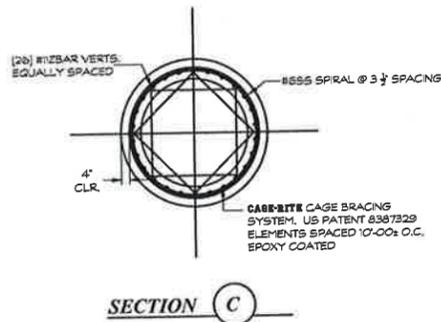
The submission is approved as noted.

Sincerely,



Todd A. Sumner P.E.  
Project Manager

DRILLED SHAFT REINFORCING SCHEDULE																	
TAG	TOTAL CAGE LENGTH	VERTICAL REINFORCING					SPIRAL REINFORCING				BENDING DIMENSIONS						
		QTY	SIZE	MARK	LENGTH	WEIGHT	QTY	MARK	SIZE	TYPE	WEIGHT	A	B	C	D	E	J
COLUMN	22'	26	#12	PK1022	22'-0"	3039	1	PK012	#655	SPI	1993	22'-0"	5'-4"	0'-3 1/2"	1 1/2"	1 1/2"	79
REBAR WEIGHT					3039						1993						
PICK WEIGHT: ENTIRE REBAR CAGE											55.32						



ELEVATION  
PIER 1 COLUMN CAGE

Is this being fabricated on site or off site? I haven't looked at the contract but is there rebar sampling and testing needed? If so, contractor will need to coordinate with the RE for sampling.

**SUBMITTAL REVIEW**

Review is only for general conformity to the contract drawings and specifications and shall not relieve the contractor of his entire responsibility under the contract, including among other things, dimensions to be confirmed and maintained at the job site, and information that pertains to the fabrication processes and techniques of construction.

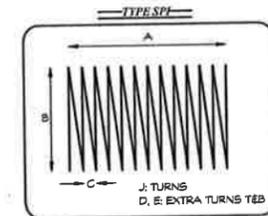
NO EXCEPTIONS TAKEN  
 MAKE CORRECTIONS NOTED  
 RESUBMITTAL NOT REQUIRED  
 AMEND AND RESUBMIT  
 REJECTED - SEE REMARKS

BY: *Bob M. Hood*  
 DATE: 3/18/16

BB AMERICAS, INC.

DESIGNER CERTIFICATION

- General Notes**
- VERTICAL REBAR SHALL BE ASTM A615 Gr. 60 WITH COATING ACCORDING TO ASTM A1055-10 Z-BAR DUAL-COATED MATERIAL. SPIRAL REBAR SHALL BE ASTM A955 GRADE 60 MIN. SOLID STAINLESS STEEL TYPE 2304.
  - ONE HUNDRED PERCENT OF INTERSECTIONS OF SPIRAL BARS AND VERTICAL BARS SHALL BE SECURED BY DOUBLE STRAND 16 GA PVC-COATED WIRE TIES.
  - ELEVATIONS SHOWN ARE FOR INFORMATION ONLY AND SHALL NOT BE USED FOR CONSTRUCTION.
  - ALL SPIRAL TO BE TERMINATED AT DISCONTINUOUS ENDS WITH 1 1/2 TURNS @ 0' PITCH.
  - ALL WEIGHTS IN POUNDS.
- 6. Cage has been provided 4' longer than shown on the plans for tolerance of T/ Drilled Shaft actual elevation.*



**DIMENSION**

DIMENSION FABRICATORS, INC.  
 2000 SEVENTH STREET  
 SCOTIA, NY 12302  
 www.dimensionfab.com

CUSTOMER	HUB FOUNDATIONS CO.
STRUCTURE	COLUMN REIN. CAGE
LOCATION	VTADOT NEW HAVEN BRF 0183 (1) TH 2 (RIVER RD.) / NEW HAVEN RIVER
ENGINEER	PARSONS BRINKERHOFF
REFERENCE	BRF 0183 (1) - SHEET 42

Project	9550	Sheet	DS-R02	
Date	03.09.16	Drawn by		NA
Check	GBS	Checked by		GBS

Vermont Agency of Transportation  
**RECEIVED**  
 ON: March 9, 2016  
 and Checked for  
**CONFORMANCE**  
 BY: Todd A Sumner DATE: 03/22/16