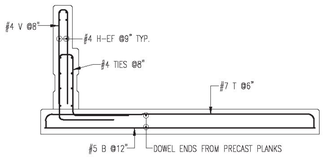
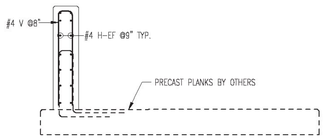
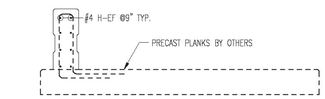


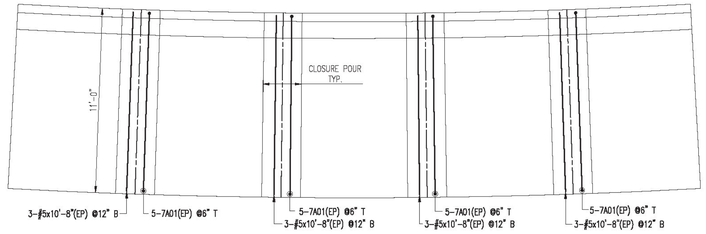
1 SECTION



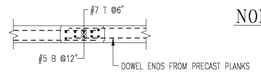
2 SECTION



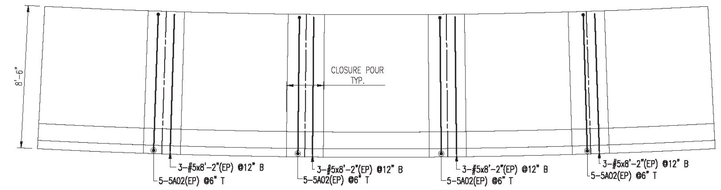
3 SECTION



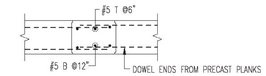
NORTH RAIL SUPPORT SLAB LAYOUT



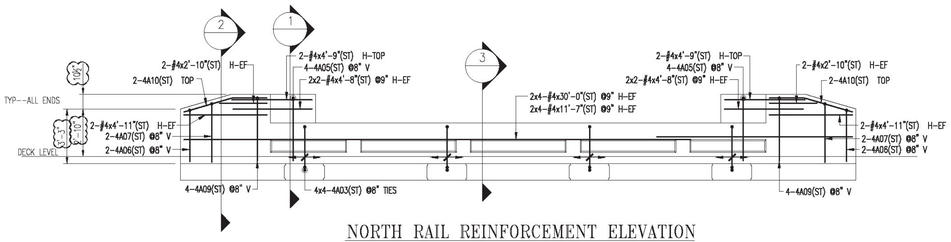
TYP. CLOSURE @ NORTH SUPPORT



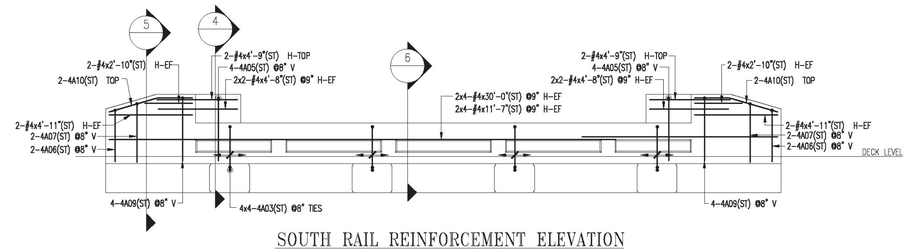
SOUTH RAIL SUPPORT SLAB LAYOUT



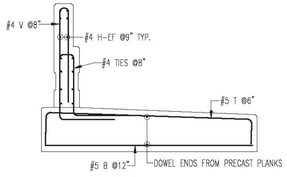
TYP. CLOSURE @ SOUTH SUPPORT



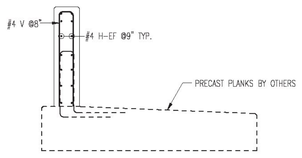
NORTH RAIL REINFORCEMENT ELEVATION



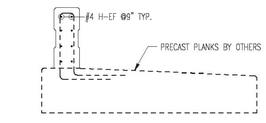
SOUTH RAIL REINFORCEMENT ELEVATION



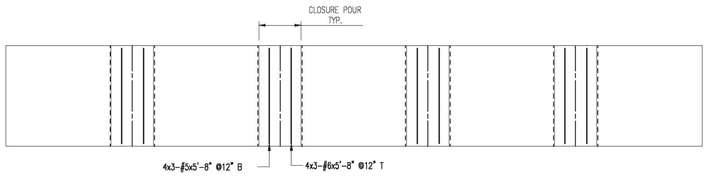
4 SECTION



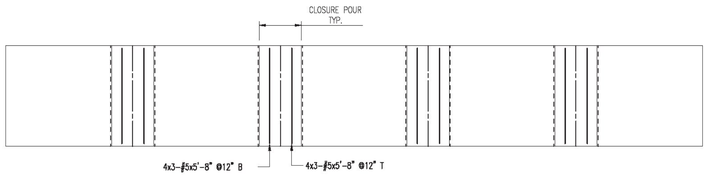
5 SECTION



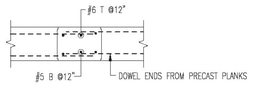
6 SECTION



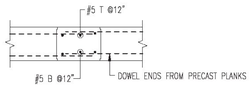
WEST FOOTING CLOSURES REINFORCEMENT



EAST FOOTING CLOSURES REINFORCEMENT



TYP. CLOSURE @ WEST FOOTING



TYP. CLOSURE @ EAST FOOTING

4-1/2" IS THE ABSOLUTE MINIMUM BEND FOR #4

TAKES INTO ACCOUNT (1) BAR THICKNESS FOR OUT TO OUT DIMENSION

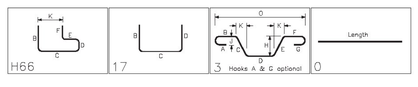
Drawing Sheet : R01

BAR LIST

Bar Mark	Qty	Size	Total Length	type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
4A03	32	#4	10'-4"	H66		2'-2"	2'-1 K"	1"	2'-5 K"	2'-2 K"				2 K"		
4A05	16	#4	7'-10 K"	17		3'-8"	1 K"	3'-8"								
4A06	8	#4	6'-8"	17		3'-1"	1"	3'-1"								
4A07	8	#4	7'-7"	17		3'-6"	1"	3'-6"								
4A09	16	#4	8'-1"	17		3'-9"	1"	3'-9"								
4A10	8	#4	5'-4"	3		2'-11 K"	2'-1 K"					7 K"		2'-0"	4'-11 K"	
	16	#4	30'-0"			30'-0"										
	16	#4	11'-7"			11'-7"										
	8	#4	4'-11"			4'-11"										
	16	#4	6'-8"			6'-8"										
	8	#4	4'-9"			4'-9"										
	2	#4	7'-6"			7'-6"										
	2	#4	7'-6"			7'-6"										
	8	#4	7'-10"			7'-10"										
5A02	20	#5	10'-8"	17		1'-4"	8'-2"	1'-0"								
	12	#5	8'-2"			8'-2"										
	12	#5	10'-8"			10'-8"										
	2	#5	7'-6"			7'-6"										
7A01	20	#7	11'-10"	17		7'	10'-8"	7"								
	36	#5	5'-8"			5'-8"										
	2	#5	7'-6"			7'-6"										
	12	#6	5'-8"			5'-8"										
	2	#6	7'-6"			7'-6"										

SAME LENGTHS DIFF. GRADES

(ST)	2	#4	7'-6"
(EP)	2	#4	7'-6"
	8	#4	7'-10"
(BL)	2	#5	7'-6"
(EP)	2	#5	7'-6"
	12	#6	5'-8"
	2	#6	7'-6"



TEST BARS

2-#5x2'-6" TEST
2-#6x2'-6" TEST
2-#5x2'-6"(EP) TEST
2-#4x2'-6"(EP) TEST
2-#4x2'-6"(ST) TEST

SHOP DRAWING REVIEW

☒ REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

☐ REJECTED ☐ REVISE AND RESUBMIT ☐ APPROVED AS NOTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DID NOT RELIEVE CONTRACTOR FROM COMPLIANCEWITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING THEIR WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING THEIR WORK IN A SAFE AND SATISFACTORY MANNER.

CLD Consulting Engineers
240 Commercial Street
Manchester, NH 03101
603-668-8223

Job Number: 14-0116
Reviewed by: AEG
Date: 3/28/17

ENG. AND ARCH. PLEASE VERIFY ALL CLOUDED AREAS

PLACING DRAWING APPROVAL AUTHORITY: VERIFICATION OF DIMENSIONS, DETAILS, ETC ARE REQUESTED WHERE INDICATED. IF EACH VERIFICATION IS NOT NOTED OTHERWISE, IT WILL BE ASSUMED TO BE CORRECT AS SHOWN.

ALL MATERIAL ON THIS DRAWING NOTED AS (ST) SHALL BE GR 2304 STAINLESS STEEL BAR

ALL MATERIAL ON THIS DRAWING NOTED AS (EP) SHALL BE ASTM A775 GR 60 EPOXY CTD BAR

LAP CHART-U.N.O.

#11		
#10		
#9		
#8		
#7		
#6		
#5		
#4	26"	26"
#3		
SIZE	TOP BARS ★	OTHER BARS

★ -Top bars are horiz. bars with more than 12" of concrete cast below the bars.

No.	Description	Date	By
1	FINAL APPROVAL PRINT	03/08/17	CPS
0	APPROVAL PRINT	02/02/17	CPS

Revisions and Issue Record

The full intent and purpose of this drawing is the placing of reinforcing steel bars ONLY. It is NOT to be used as a means of communication between the Architect, Engineer, Contractor or any other Sub-trades.

THIS DRAWING IS NOT TO BE SCALED.

HarrisRebar Barker Steel — National Strength. Local Service.

DETAILED AT: CANAAN NEW HAMPSHIRE

Project: ST JOHNSBURY BF 7000 (20)
ST JOHNSBURY VT

Drawing: BRIDGE REINFORCEMENT

Customer: SICARD CONSTRUCTION

Engineer: CLD

Refer To Release:

Date	Drawn	Chkd.	JOB No.	Dwg. No.
02/01/17	CPS		33506249	R01

W:\csample\Projects\33506249\Placing Drawings\DWGs\R01.dwg