



MATERIAL LIST / NEXT BEAM			
ITEM	MARK	DESCRIPTION	QTY.
1	BU-401L	#4 BENT BAR (LEVEL II, DUAL COATED)	96
2	BU-402L	#4 BENT BAR (LEVEL II, DUAL COATED)	62
3	BU-403L	#4 BENT BAR (LEVEL II, DUAL COATED)	81
4	BU-404L	#4 BENT BAR (LEVEL II, DUAL COATED)	16
5	BU-405L	#4 BENT BAR (LEVEL II, DUAL COATED)	1
6	BU-406L	#4 BENT BAR (LEVEL II, DUAL COATED)	1
7	BU-407L	#4 BENT BAR (LEVEL II, DUAL COATED)	1
8	BU-408L	#4 BENT BAR (LEVEL II, DUAL COATED)	1
9	BU-409L	#4 BENT BAR (LEVEL II, DUAL COATED)	2
10	BU-410L	#4 BENT BAR (LEVEL II, DUAL COATED)	1
11		#4 x 8'-2" (LEVEL II, DUAL COATED)	2
12		#4 x 8'-5" (LEVEL II, DUAL COATED)	3
13		#4 x 8'-6" (LEVEL II, DUAL COATED)	5
14		#4 x 8'-8" (LEVEL II, DUAL COATED)	2
15		#4 x 8'-11" (LEVEL II, DUAL COATED)	8
16	BU-501L	#5 BENT BAR (LEVEL II, DUAL COATED)	16
17	BU-502L	#5 BENT BAR (LEVEL II, DUAL COATED)	22
18	BU-503L	#5 BENT BAR (LEVEL II, DUAL COATED)	30
19	BU-504L	#5 BENT BAR (LEVEL II, DUAL COATED)	18
20		#5 x 4'-8" (LEVEL II, DUAL COATED)	12
21		#5 x 7'-3" (LEVEL II, DUAL COATED)	12
22		#5 x 8'-2" (LEVEL II, DUAL COATED)	2
23		#5 x 8'-3" (LEVEL II, DUAL COATED)	10
24		#5 x 8'-4" (LEVEL II, DUAL COATED)	12
25		#5 x 8'-5" (LEVEL II, DUAL COATED)	12
26		#5 x 8'-6" (LEVEL II, DUAL COATED)	42
27		#5 x 8'-7" (LEVEL II, DUAL COATED)	54
28		#5 x 8'-8" (LEVEL II, DUAL COATED)	64
29		#5 x 8'-11" (LEVEL II, DUAL COATED)	6
30		#5 x 24'-4" (LEVEL II, DUAL COATED)	2
31		#5 x 30'-7" (LEVEL II, DUAL COATED)	2
32		#5 x 24'-0" (40'-0" + 24'-5" W/ (1) 2'-0" STAGGERED LAP) (LEVEL II, DUAL COATED)	12
33		#5 x 62'-5" (40'-0" + 24'-5" W/ (1) 2'-0" STAGGERED LAP) (LEVEL II, DUAL COATED)	12
34		SET OF (4) 0.80" x 210 KSI STRAND LIFTING LOOPS	4
35		DAYTON B-16 COIL LOOP INSERTS, 3/4" COIL, S/NL 3020	28

**1 NB3D** FLANGE REINFORCING PLAN VIEW IN FORM  
1/2" = 1'-0"

- LONGITUDINAL REINFORCING NOT SHOWN FOR CLARITY
- SEE SHEET NB3B FOR REINFORCING PLAN
- SEE SHEET NB3C FOR STEM REINFORCING AT BEAM END

**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 DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH 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 PARTICIPATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATING THEIR WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING THEIR WORK IN A SAFE AND SATISFACTORY MANNER.

CDI Consulting Engineers  
400 Commercial Street  
Manchester, NH 03101  
603-559-8229

Job Number: 120121  
Reviewed by: SRB  
Date: 04/10/2015

VERMONT AGENCY OF TRANSPORTATION  
**RECEIVED**  
APR 6 2015  
RESUBMIT NO. Approved As Noted  
BY: Rob Young DATE: 04/10/2015

**2 NB3D** FLANGE REINFORCING PLAN VIEW IN FORM  
1/2" = 1'-0"

- LONGITUDINAL REINFORCING NOT SHOWN FOR CLARITY
- SEE SHEET NB3B FOR REINFORCING PLAN
- SEE SHEET NB3C FOR STEM REINFORCING AT BEAM END

APPROVAL STAMP:	J.P. CARRARA & SONS INC. Precast & Prestress Manufacturer 244 DREW ST. WOODBURY, VERMONT 05053 Phone: (802) 388-6361 Fax: (802) 388-8010	T. BUCK CONSTRUCTION, INC. CONTRACTOR AUBURN, MAINE
STATE OF VERMONT AGENCY OF TRANSPORTATION COUNTY OF CALEDONIA	DATE: MAR. 26, 2015	SCALE: NOTED
TOWN OF BURKE VERMONT ROUTE 114 BRIDGE NO.: 13 PROJECT NO.: BRP 0269(13)	CHKD: DFTM: JOK	JOB NO: 23454-015
PRESTRESSED NEXT BEAM DETAILS	DWG. NO: NB3D	