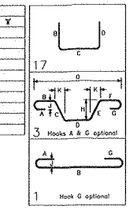
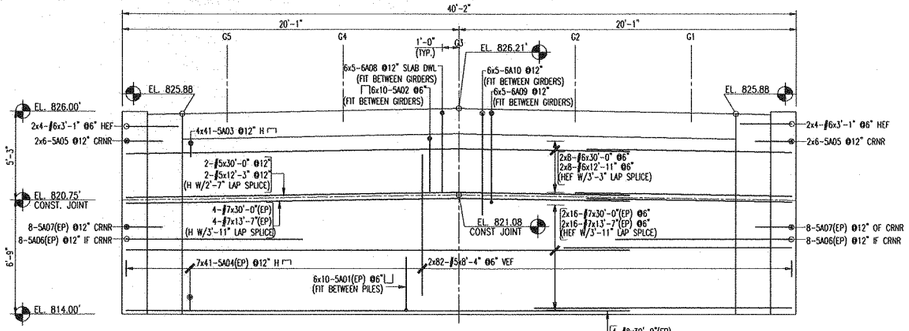
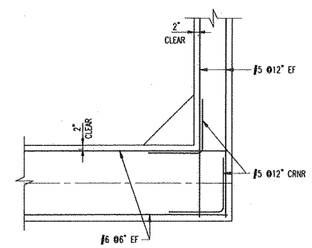
Drawing Sheet : 19-AB101					BAR LIST													
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'L'	'M'	'N'
5A01	80	#5	8'-10"	17		3'-2"	2'-6"	3'-2"									
5A04	297	#5	4'-4"	17		10"	2'-8"	10"									
5A06	16	#5	11'-4 1/4"	3			1'-6"	8'-4 1/4"	1'-6"				1'-1 1/4"		1'-1 1/4"	10'-5 1/4"	
5A07	16	#5	4'-4"	17		2'-2"	2'-2"										
5A02	60	#5	8'-10"	17		3'-2"	2'-6"	3'-2"									
5A03	184	#5	6'-4"	17		10"	2'-8"	10"									
5A05	24	#6	4'-8"	17		2'-2"	2'-2"										
6A08	30	#6	7'-2"	17		2'-6"	4'-8"										
6A09	30	#6	8'-8"	1	8"	5'-4"						8"		6"			
6A10	30	#6	7'-1 1/4"	3	8"	5'-0"	1'-5 1/4"						1'-1"	8"	1'-4"	6'-4"	





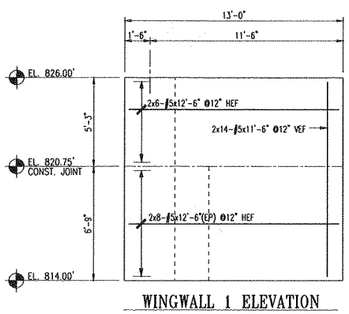
ABUTMENT 1 ELEVATION

GENERAL NOTE: 2'-2" LAP SPLICE & 3" CLEAR U.N.O.
80 LF - 3" SBU (2 ROWS BOTT)

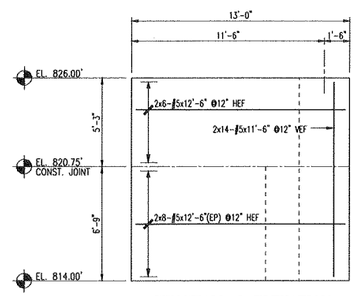


TYP CRNR DETAIL

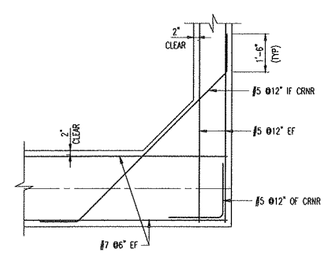
ABOVE CONST. JOINT



WINGWALL 1 ELEVATION

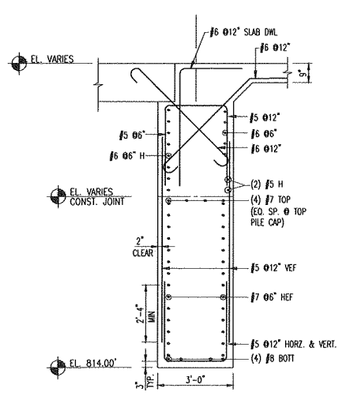


WINGWALL 2 ELEVATION

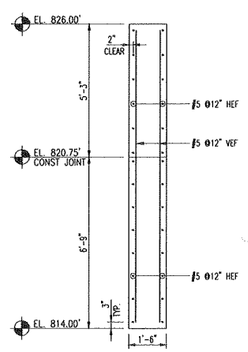


TYP CRNR DETAIL

BELOW CONST. JOINT



ABUTMENT 1 TYP.



WINGWALL TYP.

ALL MTRL. ON THIS DWG NOTED W/ (EP) SHALL BE ASTM A775 GRADE 60 "EPOXY COATED" U.N.O.

ALL OTHER MTRL. ABOVE & LAPPING C.J. TO BE DUAL COATED REINF.

LAP CHART-U.N.O.		
#11	102"	71"
#10	81"	56"
#9	64"	45"
#8	51"	35"
#7	50"	26"
#6	39"	20"
#5	29"	16"
#4	18"	15"
#3	13"	12"
SIZE	TOP BARS ★	OTHER BARS

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

No.	Description	Date	By
0	SENT FOR APPROVAL	5-7-14	MAD

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.

Harris Rebar — National Strength. Local Service.

DETAILED AT:
MILFORD
MASSACHUSETTS

Project: BRF 0162 VT RTE 73 & 100
ROCHESTER, VT

Drawing: BR #19 ABUT. #1
& WINGWALL REINF

Customer: W.M. SCHULTZ CONSTRUCTION, INC.

Engineer: VANASSE HANGEN BRUSTLIN, INC.

Refer to Release:

Date	Drawn	Chkd.	JOB No.	Dwg. No.
04/29/2014	MAD	JOE	33505211	19-AB-R01

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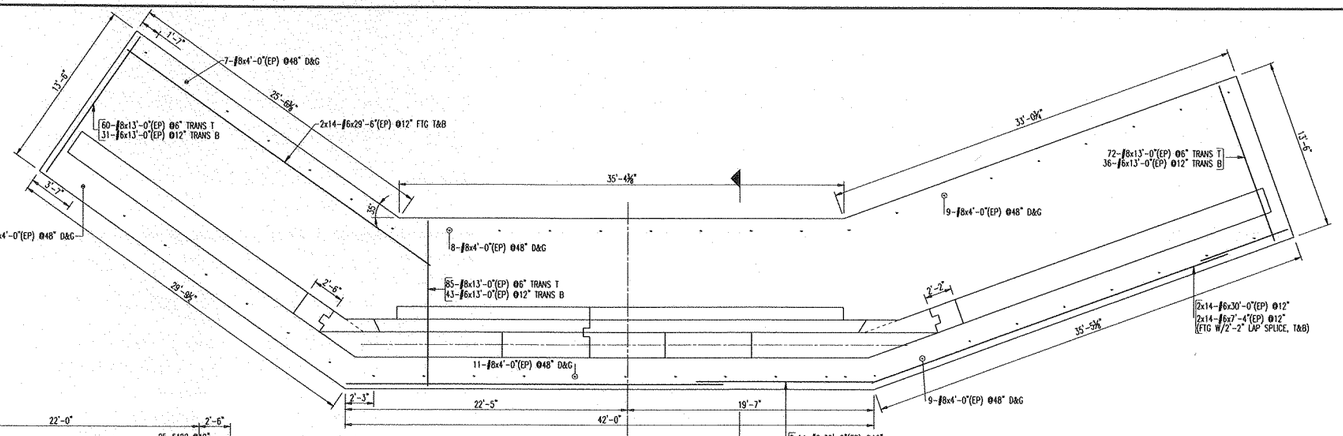
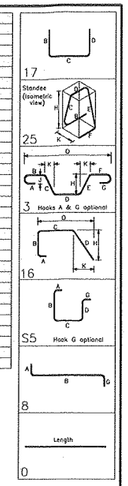


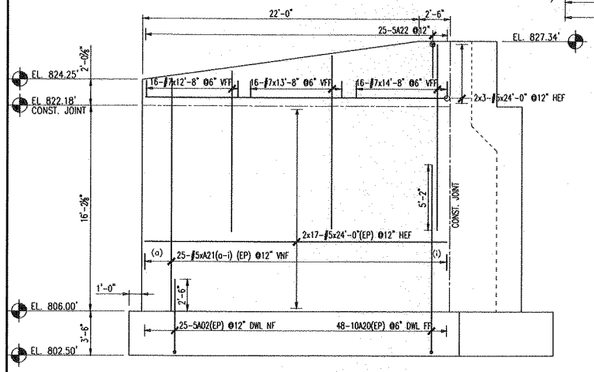
ABUTMENT 2 FNDN PLAN

GENERAL NOTE: 2'-2" LAP SPLICE & 3" CLEAR U.N.O.
410 LF - 3" SBU Ø48"

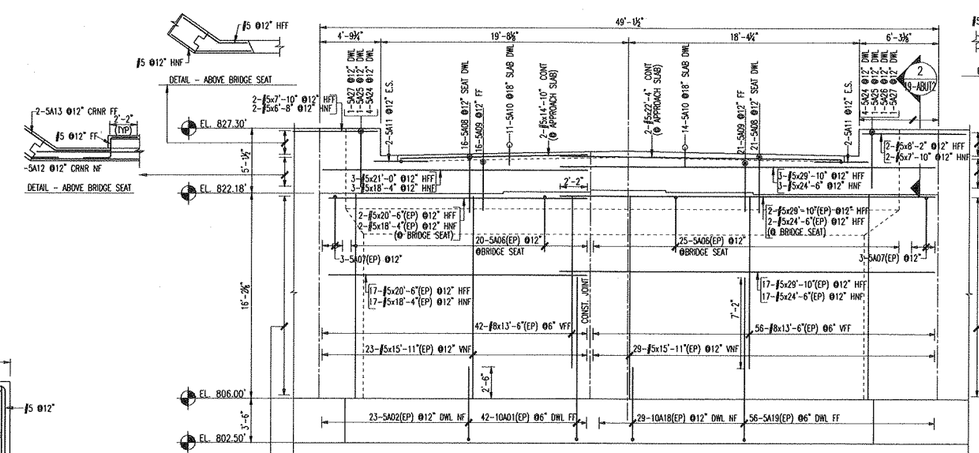
1 / 19-ABUT2

Drawing Sheet : 19-ABUT2					BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'L'	'M'	'N'
5A02	76	#5	6'-7"	17		10"	5'-9"										
5A03	124	#5	9'-5"	25		1'-6"	2'-8 K"	10"	2'-8 K"	1'-6"		2'-8 K"		1'-4 K"			
10A01	42	#10	14'-8"	17		1'-10"	12'-10"										
5A04	17	#5	7'-8 K"	3		2'-2"	5'-6 K"					3'-2 K"		4'-6 K"	6'-8 K"		
5A05	17	#5	7'-4 K"	3		2'-2"	5'-2 K"					3'-6"		4'-3"	6'-5"		
5A06	43	#5	10'-1 K"	16	10"	3'-8"	1'-4"	4'-3 K"				3'-1 K"		2'-11 K"	4'-3 K"		
5A07	6	#5	8'-8"	18	10"	2'-8"	2'-3"	2'-11 K"				2'-1 K"		2'-9"	4'-3 K"		
5A08	37	#5	5'-11"	55	10"	8"	4'-5"										
5A09	37	#5	5'-8"	17		1'-8"	3'-10"										
5A10	25	#5	1'-10"	3		1'-0"	10"					7 K"		6 K"	1'-5 K"		
5A11	4	#5	6'-0"	8	2'-2"	1'-6"					2'-2"						
5A12	2	#5	4'-4"	3		2'-2"	2'-2"					1'-3 K"		1'-9"	3'-11"		
5A13	2	#5	7'-8 K"	3		4'-3 K"	3'-4 K"					1'-11 K"		3'-9"	7'-8"		
5A14	17	#5	10'-1 K"	3		2'-2"	7'-11 K"					2'-9 K"		7'-5 K"	9'-7 K"		
5A15	17	#5	9'-10"	3		2'-2"	7'-8 K"					2'-8 K"		7'-2 K"	9'-4 K"		
5A16	2	#5	4'-4"	3		2'-2"	2'-2"					9 K"		2'-K"	4'-2 K"		
5A17	2	#5	9'-1 K"	3		4'-6 K"	4'-6 K"					1'-7 K"		4'-3 K"	8'-10"		
5A19	56	#5	14'-8"	17		1'-10"	12'-10"										
10A18	29	#10	6'-7 K"	17		10 K"	5'-9"										
10A20	104	#10	15'-6"	17		1'-10"	14'-10"										
5A22	53	#5	7'-0"	17		2'-6"	1'-6"	2'-8"									
A23a	7	#5	20'-0"			20'-0"											
A23d	7	#5	20'-9"			20'-9"											
First and Last Bar in Very Group Shown Only																	
5A24	8	#5	9'-6"	17		4'-5"	8"	4'-5"									
A21a	3	#5	18'-0"			18'-0"											
A21i	1	#5	21'-1"			21'-1"											
First and Last Bar in Very Group Shown Only																	
5A25	2	#5	9'-8"	17		4'-5"	10"	4'-5"									
5A26	1	#5	10'-0"	17		4'-5"	1'-2"	4'-5"									
5A27	2	#5	10'-6"	17		4'-5"	1'-8"	4'-5"									

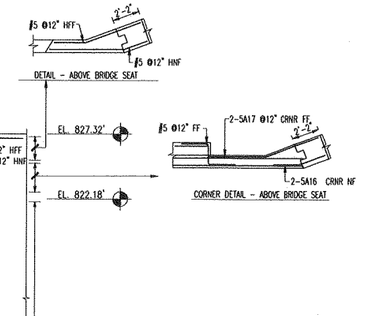


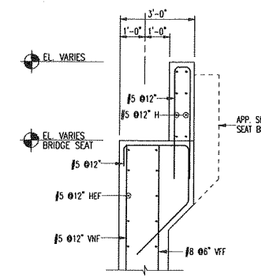


WINGWALL 3 ELEVATION

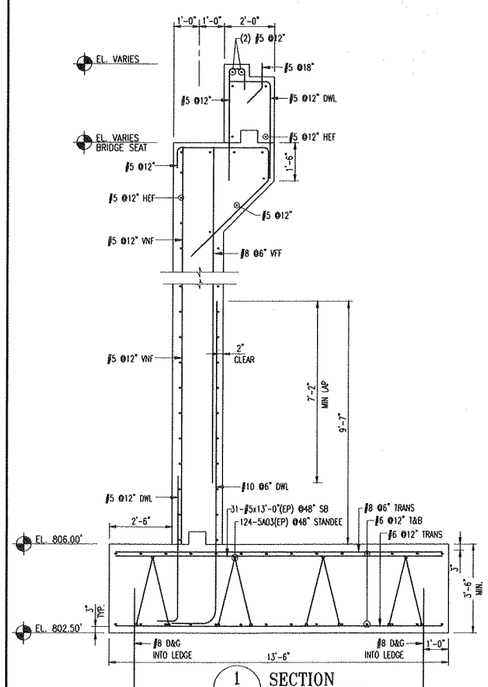


ABUTMENT 2 ELEVATION

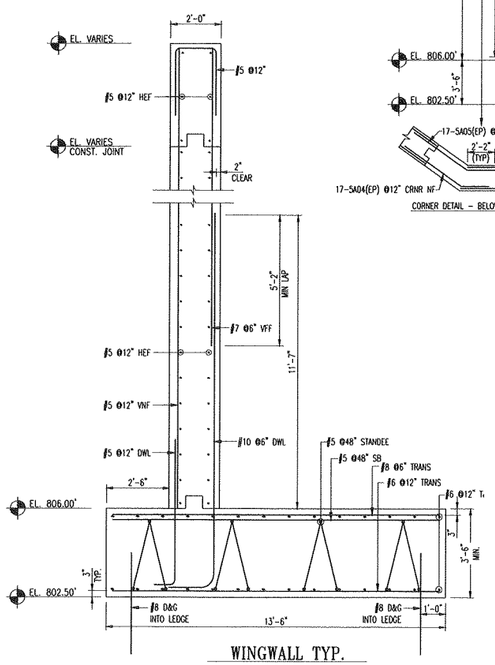




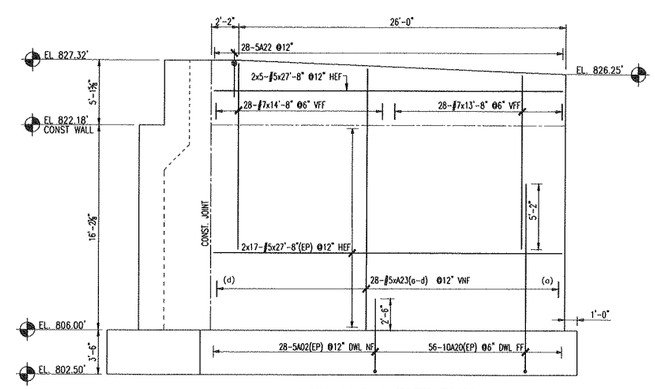
2 / 19-ABUT2 SECTION
SCALE: N.T.S.



1 / 19-ABUT2 SECTION
SCALE: N.T.S.



WINGWALL TYP.



WINGWALL 4 ELEVATION

LAP CHART-U.N.O.		
#11	55"	71"
#10	45"	58"
#9	43"	45"
#8	37"	35"
#7	30"	28"
#6	24"	22"
#5	20"	17"
#4	16"	13"
#3	12"	12"
SIZE	TOP BARS ★	OTHER BARS

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

ALL MTRL. ON THIS DWG NOTED W/ (EP) SHALL BE ASTM A775 GRADE 60 "EPOXY COATED" U.N.O.

ALL OTHER MTRL. ABOVE & LAPPING C.J. TO BE DUAL COATED REINF.

No.	Description	Date	By
0	SENT FOR APPROVAL	5-7-14	MAD

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.

Harrisburg Harbor Steel — National Strength. Local Service.

DETAILED AT: MILFORD MASSACHUSETTS

Project: BRF 0162 VT Rte, 73 & 100 ROCHESTER, VT

Drawing: BR 19 ABUT #2 & WINGWALL REINF. & SECTIONS

Customer: W.M. SCHULTZ CONSTRUCTION INC

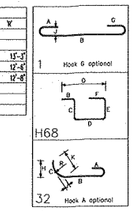
Engineer: VANASSE HANGEN BRUSTLIN, INC.

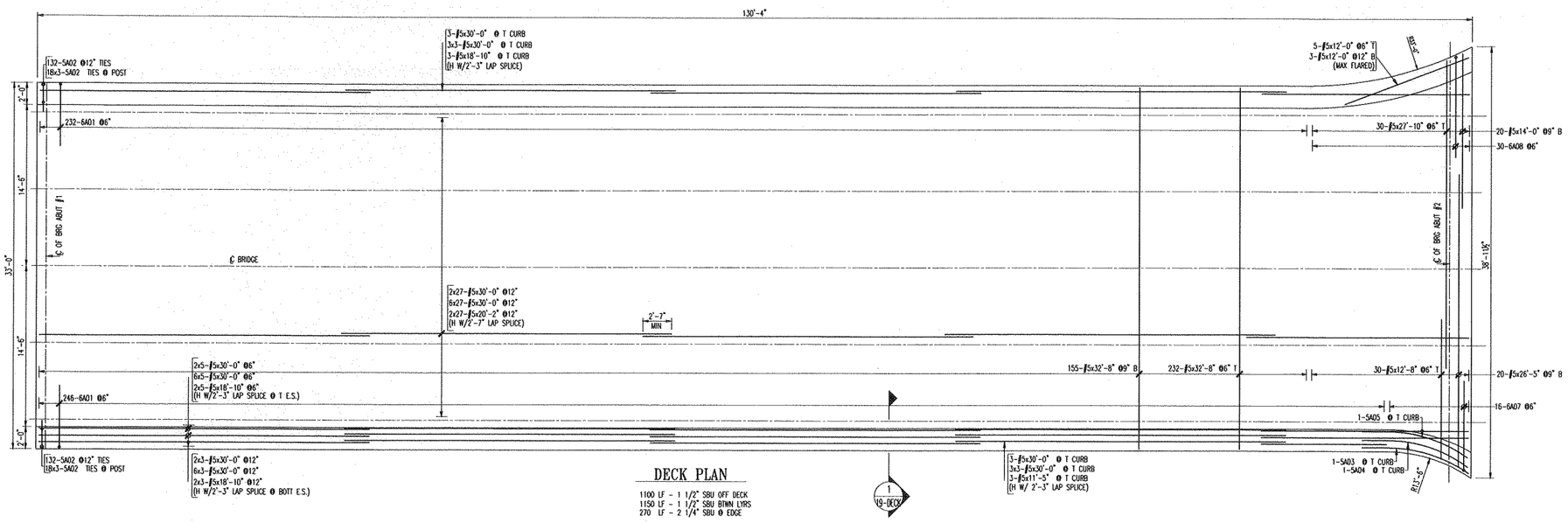
Refer to Release:

Date	Drawn	Chkd.	JOB No.	Dwg. No.
04/24/2014	MAD	JOE	33505211	19-AB-R02

W:\Melissa Proj. Folder\33505211-W.M. Schultz Const.-Rochester Bridge\Placing Drawings\DWGS\19-AB-R02.dwg

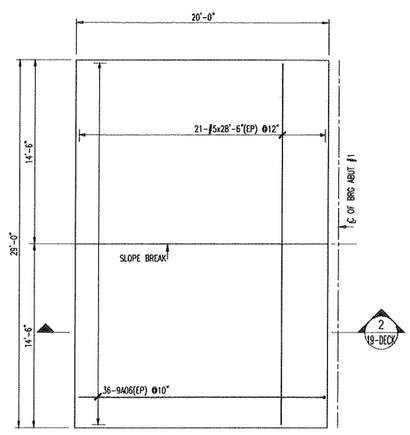
Drawing Sheet : 19-DECK					BAR LIST													
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'L'	'M'	'N'
6A01	470	#6	5'-3"	1	8"	5'-1"								6"			
5A02	372	#5	5'-2"	H68		10"	10"	1'-6"	1'-0"	10"						2'-5 K"	
5A03	1	#5	10'-1 K"	32		2'-3"	7'-10 K"					2'-3 K"	7"	7'-9 K"	9'-8 K"	13'-3"	
5A04	1	#5	10'-1 K"	32		2'-3"	7'-10 K"					2'-4 K"	7 K"	7'-5"	9'-1 K"	12'-6"	
5A05	1	#5	10'-6"	32		2'-3"	7'-9 K"					2'-4 K"	7 K"	7'-8 K"	9'-1 K"	12'-8"	
9A06	76	#9	30'-9"	1	1'-3"	19'-6"							11 K"				
6A07	16	#6	8'-9"	1	8"	8'-1"							6"				
6A08	30	#6	9'-9"	1	8"	9'-1"							6"				





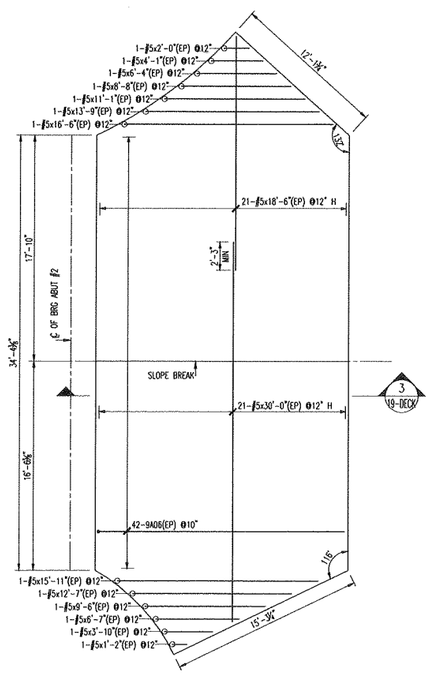
DECK PLAN

1100 LF - 1 1/2" SBU OFF DECK
1150 LF - 1 1/2" SBU BTWN LYRS
270 LF - 2 1/4" SBU @ EDGE



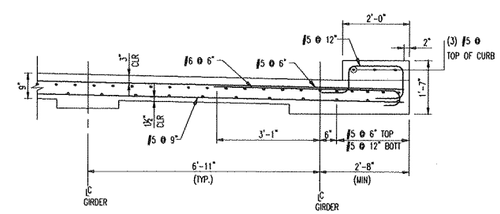
APPROACH SLAB #1

150 LF 3" SBU @ 48" OFF GRADE



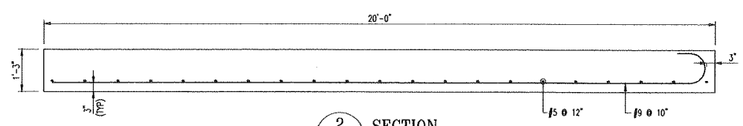
APPROACH SLAB #2

240 LF 3" SBU 48" OFF GRADE



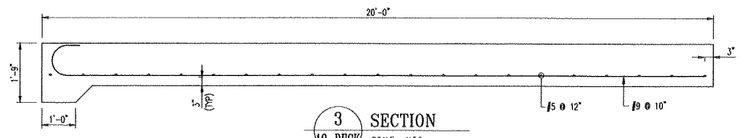
1 / 19-DECK TYP. OVERHANG DETAIL

SCALE: N.T.S.



2 / 19-DECK SECTION

SCALE: N.T.S.



3 / 19-DECK SECTION

SCALE: N.T.S.

ALL MATERIAL ON MAIN DECK TO BE DUAL COATED REINF.

OTHER MTRL. ON THIS DWG NOTED W/ (EP) SHALL BE ASTM A775 GRADE 60 "EPOXY COATED" U.N.O.

LAP CHART-U.N.O.

SIZE	TOP BARS ★	OTHER BARS
#11	100"	71"
#10	81"	58"
#9	64"	46"
#8	51"	36"
#7	39"	29"
#6	28"	20"
#5	20"	15"
#4	16"	13"
#3	13"	12"

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

No.	Description	Date	By
0	SENT FOR APPROVAL	5-7-14	MAD

Revisions and Issue Record

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THIS DRAWING IS NOT TO BE SCALED.

Harrisrebar — National Strength. Local Service.

DETAILED AT: MILFORD MASSACHUSETTS

Project: BRF 0162 VT RTE 73 & 100 ROCHESTER, VT

Drawing: BR #19 DECK & APP. SLAB REINF PLAN & SECTIONS

Customer: W.M. SCHULTZ CONSTRUCTION, INC

Engineer: VANASSE HANGEN BRUSTLIN, INC.

Refer to Release:

Date	Drawn	Chkd.	JOB No.	Dwg. No.
05/02/2014	MAD	JOE	33505211	19-DECK

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Harris Rebar
5/9/2014

BRF 0162 VT RTE 73 & 100, ROCHESTER, VT
JOB # 33505211

Bid Item #	Description	Weight (lbs)
507.11	Level 1-Epoxy Coated Reinf.	54,898
507.12	Level II-Dual Coated Reinf.	45,092
540.10115	Approach Slab #1 Epoxy BR 15	122
540.10215	Approach Slab #2 Epoxy BR 15	145
540.10116	Approach Slab #1 Epoxy BR 16	162
540.10216	Approach Slab #2 Epoxy BR 16	162
900.64	PS Concrete Next D Beams 28D-DC	1,191
TEMP ABU	Temp Abut 1&2	1,227
ABU12 SUP	Temporary Bridge Supports	842
BR19 SUP	Bridge 19 Supports	941
		102,692 Total