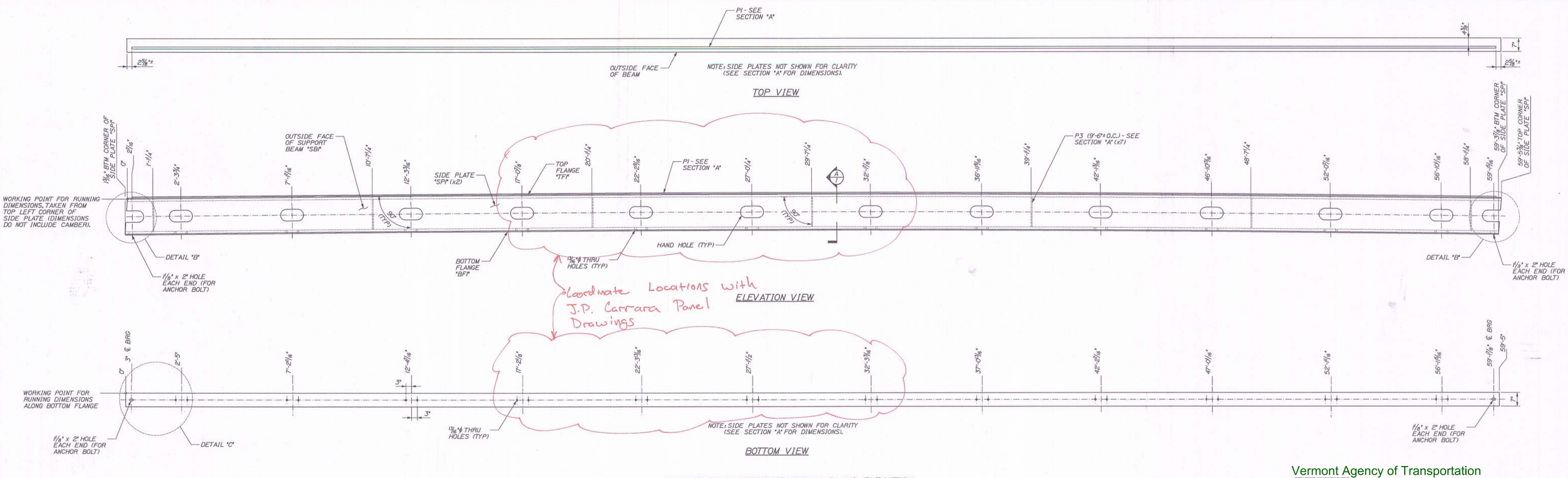
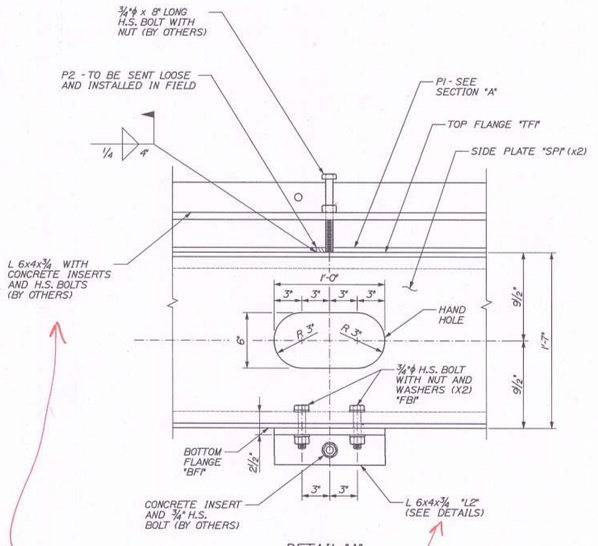


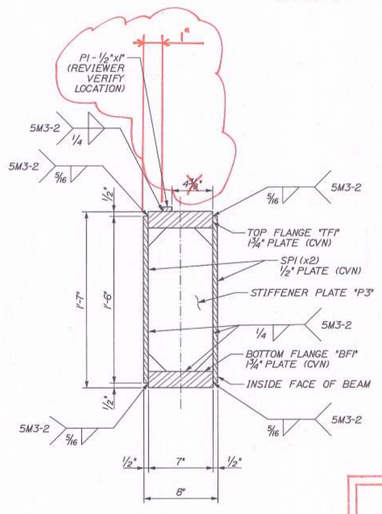
SUPPORT BEAM "SBI" DIMENSIONAL PLANS ELEVATION

SCALE: 1/2" = 1'-0"

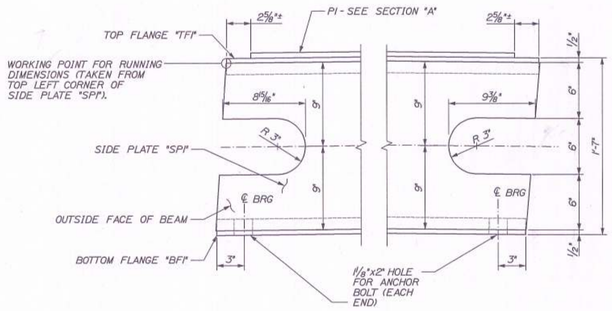


DETAIL "A"
SCALE: 2" = 1'-0"

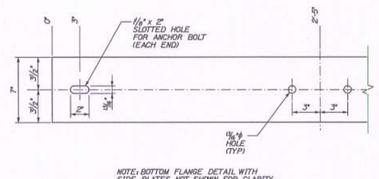
See J.P. Carrara Panel Drawings for revised details.



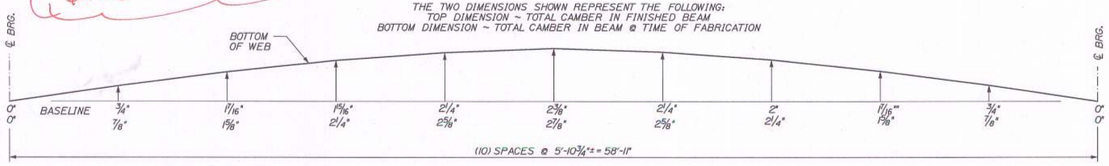
SECTION "A"
SCALE: 1/2" = 1'-0"



DETAIL "B" - ENDS OF SUPPORT BEAM
SCALE: 2" = 1'-0"



DETAIL "C"
SCALE: 1 1/2" = 1'-0"



SUPPORT BEAM "SBI" CAMBER
NTS

Vermont Agency of Transportation
RECEIVED
ON: January 21, 2014
and Checked for
CONFORMANCE
BY: Jennifer Fitch DATE: 02/12/2014

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 ☐ FURNISH AS CORRECTED

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VHB Vanasse Hangen Brustlin, Inc.

Job Number: 57438
Reviewed By: GME
Date: 2/10/14

Specify material type, spec. and finish.

Bill Of Materials

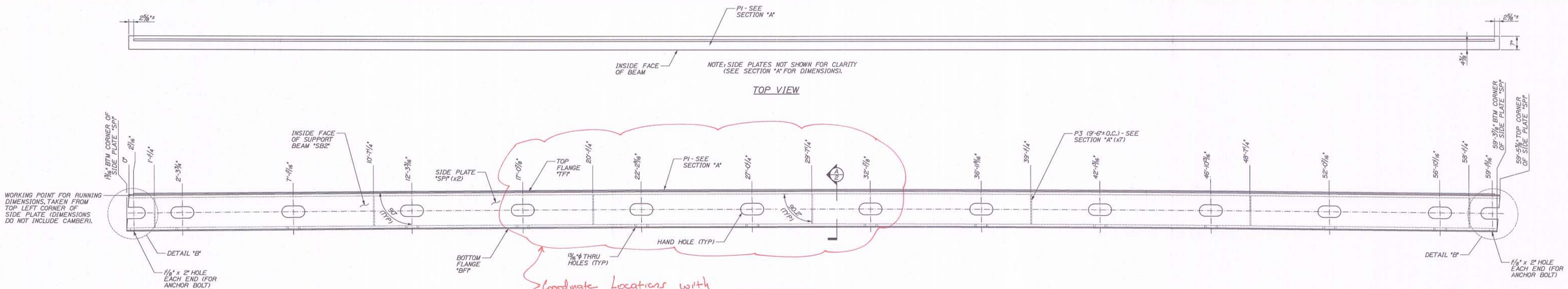
Ship	Ship Mark	No. PCS	Piece Mark	Description	Length	Remarks	Material
1	SB1			Support Beam			
		1	TF1	Top Flange 1 3/4"x7" (CVN)	59'-5 1/4"		
		1	BF1	Bottom Flange 1 3/4"x7" (CVN)	59'-5"		
		2	SP1	Side Plate 1/2"x1'-6" (CVN)	59'-6 9/16"		
		1	P1	1" Wide x 1/2" Thick	59'-0"		
		7	P3	7" Wide x 3/8" Thick Stiffener Plate	1'-3 1/2"		

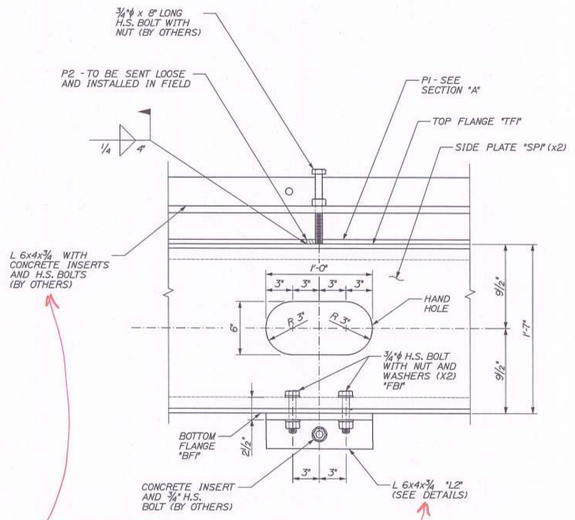
FINISH				
MATERIAL	SEE BILL OF MATERIALS			
HOLES	SEE PLANS			
ELECTRODES	PER WELD PROCEDURE			
WELDS	PER WELD PROCEDURE			
SURFACE PREP	SSPC SP10			

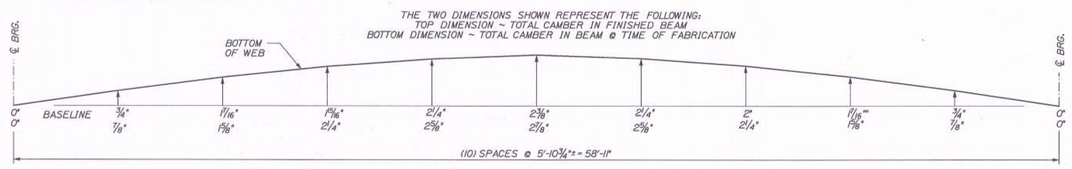
NO	DATE	DESCRIPTION	BY
		REVISIONS	

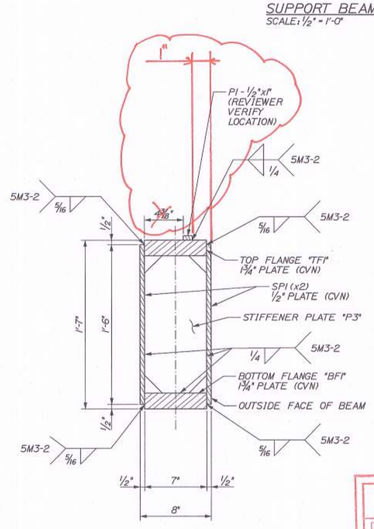
ARC ENTERPRISES, INC.
ADVANCED RESOURCES & CONST. ENTERPRISES, INCORPORATED
P.O. BOX 120 KINGFIELD, ME. 04947
PHONE: (207) 265-2646 – FAX: (207) 265-4054

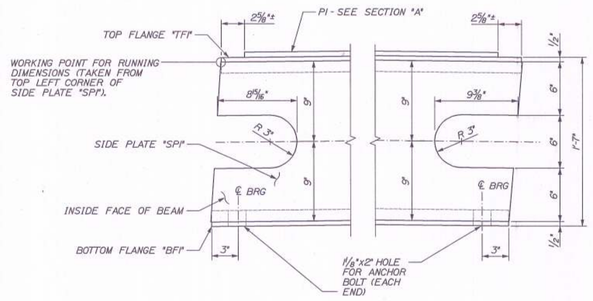
DRAFTER	DLM	SUPPORT BEAM "SB1" PLANS AND DETAILS	PROJECT NO. 13-169
DATE	JAN. 2014	MIDDLEBURY, VERMONT VT ROUTE 125, BRIDGE NO. 13	DWG. NO. 1
CHECKED			
DATE		SC: T BUCK CONSTRUCTION	

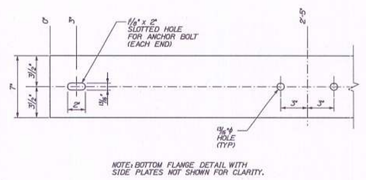












SHOP DRAWING REVIEW

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VHB Vanasse Hangen Brustlin, Inc.

Job Number: 51438
Reviewed By: GHE
Date: 2/10/14

Specify material type, spec and finish

Bill Of Materials

Ship	Ship Mark	No. PCS	Piece Mark	Description	Length	Remarks	Material
1	SB2			Support Beam			
		1	TF1	Top Flange 1 3/4"x7" (CVN)	59'-5 1/4"		
		1	BF1	Bottom Flange 1 3/4"x7" (CVN)	59'-5"		
		2	SP1	Side Plate 1/2"x1'-6" (CVN)	59'-6 9/16"		
		1	P1	1" Wide x 1/2" Thick	59'-0"		
		7	P3	7" Wide x 3/8" Thick Stiffener Plate	1'-3 1/2"		

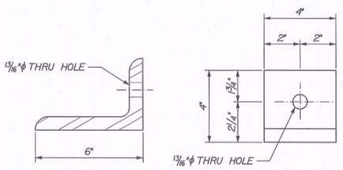
Vermont Agency of Transportation
RECEIVED
ON: January 21, 2014
and Checked for
CONFORMANCE
BY: Jennifer Fitch DATE: 02/12/2014

FINISH					
MATERIAL	SEE BILL OF MATERIALS				
HOLES	SEE PLANS				
ELECTRODES	PER WELD PROCEDURE				
WELDS	PER WELD PROCEDURE				
SURFACE PREP	SSPC SP10				
		NO	DATE	DESCRIPTION	BY
		REVISIONS			

ARC ENTERPRISES, INC.

ADVANCED RESOURCES & CONST. ENTERPRISES, INCORPORATED
P.O. BOX 120 KINGFIELD, ME. 04947
PHONE: (207) 265-2646 – FAX: (207) 265-4054

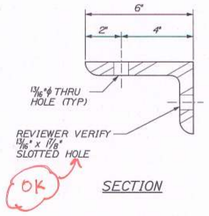
DRAFTER	DLM	SUPPORT BEAM "SB2" PLANS AND DETAILS	PROJECT NO. 13-169
DATE	JAN. 2014	MIDDLEBURY, VERMONT VT ROUTE 125, BRIDGE NO. 13	DWG. NO. 2
CHECKED		SC: T BUCK CONSTRUCTION	
DATE			



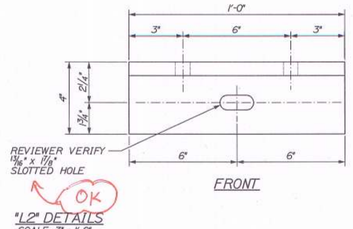
SECTION

FRONT

"L1" DETAILS
SCALE: 3" = 1'-0"

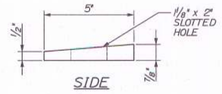


SECTION

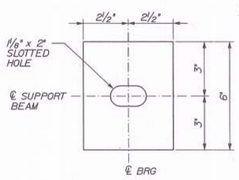


FRONT

"L2" DETAILS
SCALE: 3" = 1'-0"



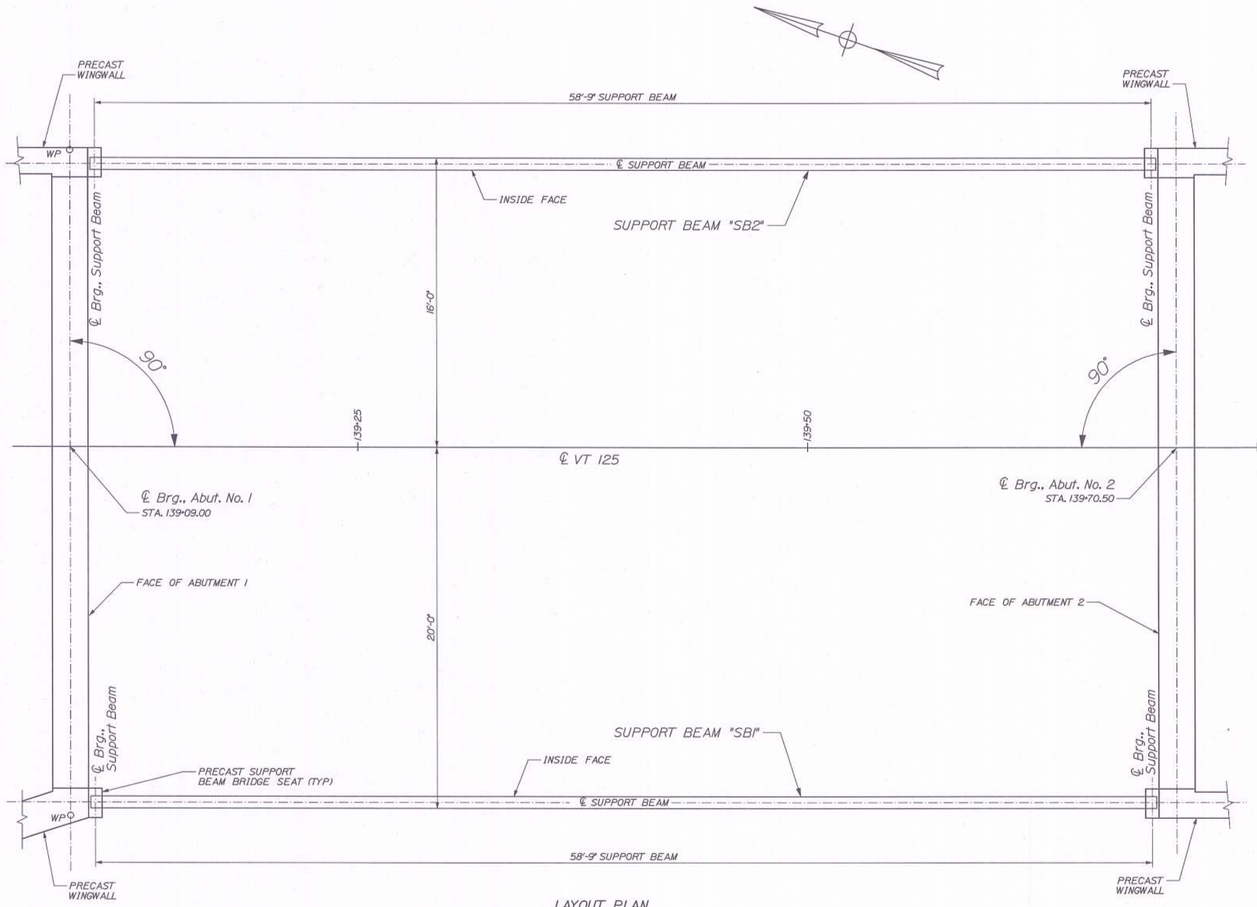
SIDE



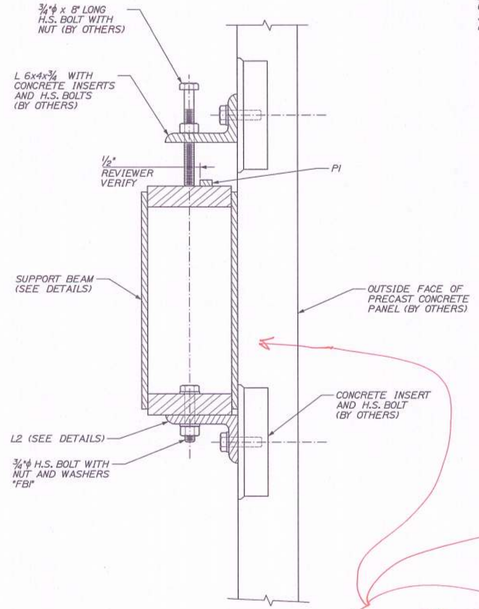
TOP

SOLE PLATE DETAILS "SPl"
SCALE: 3" = 1'-0"

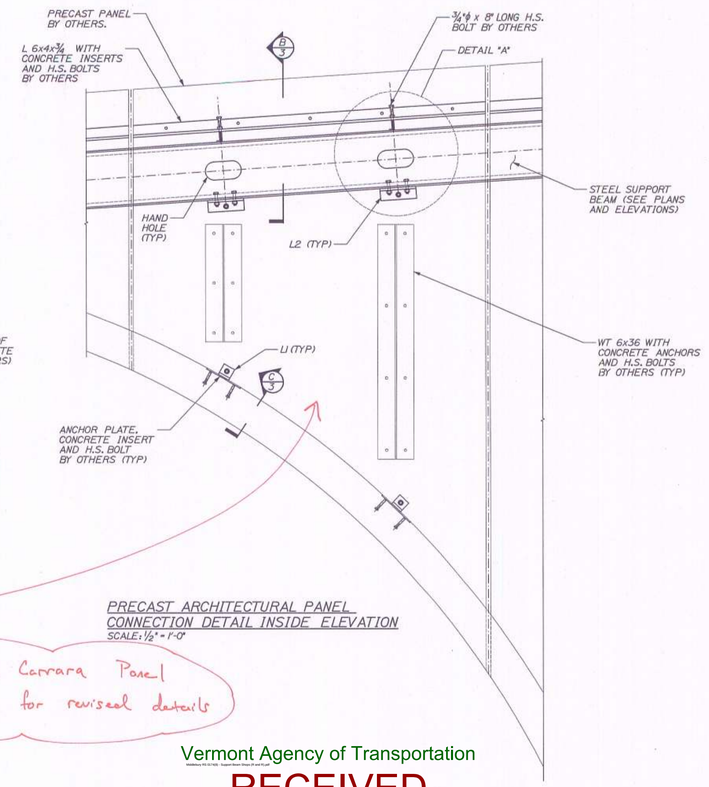
SP1 = Side Plate on Sheets 1 and 2



LAYOUT PLAN
SCALE: 1/4" = 1'-0"

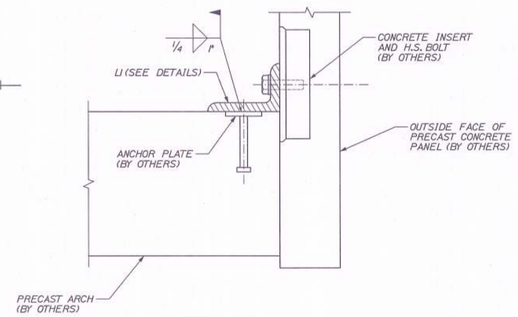


SECTION "B"
SCALE: 2" = 1'-0"

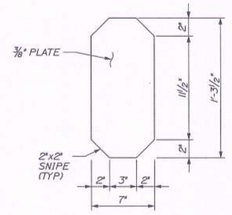


PRECAST ARCHITECTURAL PANEL CONNECTION DETAIL INSIDE ELEVATION
SCALE: ½" = 1'-0"

See J.P. Carrara Panel Drawings for revised details



SECTION "C"
SCALE: 2" = 1'-0"



STIFFENER PLATE "P3"
SCALE: 1 1/2" = 1'-0"

Vermont Agency of Transportation
RECEIVED
ON: January 21, 2014
and Checked for
CONFORMANCE
BY: Jennifer Fitch DATE: 02/12/2014

SHOP DRAWING REVIEW

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VHB Vanasse Hangen Brustlin, Inc.
Job Number: 51438
Reviewed By: GHE
Date: 2/10/14

Add Sole Plates to Bill of Materials

Bill Of Materials

Ship	Ship Mark	No. PCS	Piece Mark	Description	Length	Remarks	Material
24	L1			L 6x4x3/4	4"	Send Loose to be Field Welded	
24	L2			L 6x4x3/4	1'-0"	Send Loose to be Field Installed	
24	P2			1" Wide x 1/2" Thick	4 3/8"	Send Loose to be Field Welded	
48	FB1			3/4" Dia. H.S. ASTM hex head bolt, Type 1, galvanized w/ nut and 2 washers	4"		
14	P3			7" Wide x 3/8" Thick Stiffener Plate	1'-3 1/2"		

Specify material type, spec. and finish.

FINISH					
MATERIAL	SEE BILL OF MATERIALS				
HOLES	SEE PLANS				
ELECTRODES	PER WELD PROCEDURE				
WELDS	PER WELD PROCEDURE				
SURFACE PREP	SSPC SP10				
		NO.	DATE	DESCRIPTION	BY
				REVISIONS	

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ADVANCED RESOURCES & CONST. ENTERPRISES, INCORPORATED
P.O. BOX 120 KINGFIELD, ME. 04947
PHONE: (207) 265-2646 – FAX: (207) 265-4054

DRAFTER DLM	MISCELLANEOUS STEEL	PROJECT NO. 13-169
DATE JAN. 2014	MIDDLEBURY, VERMONT VT ROUTE 125, BRIDGE NO. 13	DWG. NO. 3
CHECKED		
DATE	GC: T BUCK CONSTRUCTION	