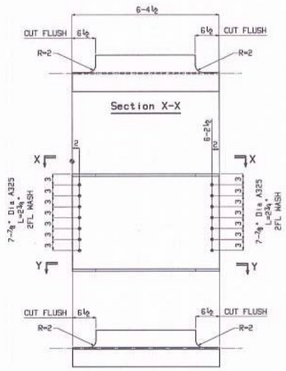
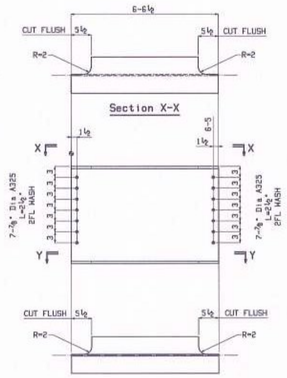


8 DIAPHRAGMS D106A



20 DIAPHRAGMS D106B

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

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 FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc.

Job Number: 57517.00
Reviewed By: B. Morse
Date: 2-28-14

GENERAL NOTE: SEE GN101

HOLES: 15/16"

No	DESCRIPTION	DATE	BY	CHK
B	FOR 2nd APPROVAL	Feb 25 2014	LN	CG
A	FOR APPROVAL	Feb 5 2014	LN	CG

Total weight (lbs): 15854

BILL OF MATERIAL

Mark	Qty.	Description	Stl Grd	Length	Remark	ABM	Total(lbs) Height	Seq	Qty /Seq
D106A	8	DIAPHRAGM					4461.1	1	8
D106A	8	W27x84	A709 50W	6-4½		102-1	4284.0		
FB		FIELD BOLTS							
7BF234B	112	¾ Dia A325 TYP3		2¾	2FL WASH		177.1		
D106B	20	DIAPHRAGM					11392.5	1	20
D106B	20	W27x84	A709 50W	6-5½		103-1	10990.0		
FB		FIELD BOLTS							
7BF212B	280	¾ Dia A325 TYP3		2½	2FL WASH		402.5		

BILL OF MATERIAL

Mark	Qty.	Description	Stl Grd	Length	Remark	ABM	Total(lbs) Height	Seq	Qty /Seq

NOTE: BOLT 1 WASHER: 1 WASHER UNDER NUT U.N.
BOLT 2 WASHERS: 1 WASHER UNDER HEAD U.N.
1 WASHER UNDER NUT U.N.

STRUCTAL
Building Better Bridges
306 River Road, Claremont, NH
T.603.542.5097 F.603.542.5317

PROJECT: VERMONT RTE 73
BRIDGE NO 19
TOWN OF ROCHESTER

TITLE: ABUTMENT & INTERMEDIATE DIAPHRAGMES

REFERENCE: PROJECT NUMBER: ER-BRF-0162 (18)

DRAWN BY:	DATE:	CONTRACT NO:
SAG	JANUARY 2014	Q00540
DESIGNED BY:	DATE:	SHEET NO:
CG	JANUARY 2014	106

PRINTED ON: 25 Feb 2014 AT 15:14:48 BY: nerwin
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