



FRAMING PLAN

Approved       Revise and Resubmit  
 Approved as Noted (Available for Review)       Rejected (Not Available for Review)

**Hoyle Tanner**  
 Associates, Inc.      Project No. 901226

Approval is only for general conformance with the design engineer's to the Plans and the information given in the Contract Documents. Contractor is responsible for provisions to be confirmed and correct on the job site, and to ensure that provisions comply with the specifications, plans or to the means and methods of construction, satisfaction of the work of the trades and performing all work in a safe and satisfactory manner. This approval does not modify Contractor's duty of compliance with Contract.

Reviewed by: JAD      Date: 11/13/13  
 Approved By: JAD      Date: 11/13/13

FIELD BOLT LIST		A325 Type 3 BOLTS									
LINE	NO. REQ'D	BOLT DIA.	BOLT LEN.	BOLTS / CONN.	GRIP	THICKNESS OF PCB. CONNECTED	WASHER CODE	PIECES CONNECTED AND REMARKS			
1								INT. DIAPHRAGMS - 5D1 & 5D2			
2	144	7/8	2 1/2	8	24	7/8	1/2	1 TOP GUSSET TO GIRDER CONNECTION PLATE			
3	88	7/8	2 1/2	4	24	7/8	1/2	1 BOTTOM GUSSET TO GIRDER CONNECTION PLATE			
4											
5								INT. DIAPHRAGMS - 5D3			
6	98	7/8	2 1/2	8	12	1 1/8	1/2	1 DIAPHRAGM WEB TO GIRDER CONNECTION PLATE			
7											
8								LATERAL BRACING - 6LB1 & 6LB2			
9	18	3/4	3 3/4	4	4	2 1/4	3/8	1	2 BRACE WITH BEVELED FILL TO GUSSET PLATE		
10											
11								UTILITY SUPPORT - 6M1			
12	36	3/4	2 1/2	4	9	1 1/4	3/8	1	1 CONNECTION PLATE TO GIRDER WEB		

1: 1 Hard Flat Washer  
 2: 2 Hard Flat Washers

WASHER CODES

FIELD BOLT SUMMARY		EXACT COUNT - NONE EXTRA				
LINE	NO. OF BOLTS	BOLT DIA.	TYPE	BOLT LEN.	ACTUAL COUNT	REMARKS
1	36	3/4	A325 Type 3	2 1/2	36	
2						
3	36		Hard Flat Washers for 3/4\"/>			

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
1	10/17	APPROVAL COMMENTS	JTB	DBH		
2						

MATERIAL: \_\_\_\_\_ SURFACE PREP. & PAINT: \_\_\_\_\_ HOLES: \_\_\_\_\_ SHOP BOLTS: \_\_\_\_\_

**DESCRIPTION: FRAMING PLAN & FIELD BOLTS**  
**CASCO BAY STEEL STRUCTURES, INC.**  
 1 WALLACE AVE. PHONE (207) 780-6722  
 SOUTH PORTLAND, ME 04106 FAX. (207) 780-6726

STRUCTURE: BRISTOL - BRIDGE NO. 31  
 VT ROUTE NO. TH 5 (SOUTH STREET)  
 OVER NEW HAVEN RIVER

DRAWN: JTB DATE: 08/14  
 CHKD: DBH DATE: 09/07

LOCATION: TOWN OF BRISTOL, VT (ADDISON COUNTY) JOB NO. 534 DWG NO. E1  
 PROJ NO. BRO 1445 (32)  
 CUSTOMER: BLON AND COTE REV. 1