



**FRAMING PLAN**

| FIELD BOLT LIST |            | A325 Type 3 BOLTS |           |             |            |       |                             |     |  |           |                              |                                    |
|-----------------|------------|-------------------|-----------|-------------|------------|-------|-----------------------------|-----|--|-----------|------------------------------|------------------------------------|
| LINE            | NO. REQ'D. | BOLT DIAM.        | BOLT LEN. | BOLTS/CONN. | # OF CONN. | GRIP  | THICKNESS OF PCS. CONNECTED |     |  | WASH CODE | PIECES CONNECTED AND REMARKS |                                    |
| 1               |            |                   |           |             |            |       |                             |     |  |           |                              | INTERMEDIATE DIAPHRAGM             |
| 2               | 400        | 7/8               | 2 1/4     | 8           | 50         | 1 1/2 | 7/16                        | 1/2 |  |           | 1                            | DIAPHRAGM WEB TO CONNECTION PLATE  |
| 3               |            |                   |           |             |            |       |                             |     |  |           |                              | END DIAPHRAGM                      |
| 4               |            |                   |           |             |            |       |                             |     |  |           |                              |                                    |
| 5               | 320        | 7/8               | 2 3/4     | 16          | 20         | 1 1/2 | 7/16                        | 1   |  |           | 1                            | DIAPHRAGM WEB TO BEARING STIFFENER |

WASHER CODES  
1: 1 Hard Flat Washer

| FIELD BOLT SUMMARY |              | 2% ADDED, MIN. 2 EXTRA |                                 |           |              |         |
|--------------------|--------------|------------------------|---------------------------------|-----------|--------------|---------|
| LINE               | NO. OF BOLTS | BOLT DIAM.             | TYPE                            | BOLT LEN. | ACTUAL COUNT | REMARKS |
| 1                  | 408          | 7/8                    | A325 Type 3                     | 2 1/4     | 400          |         |
| 2                  | 326          | 7/8                    | A325 Type 3                     | 2 3/4     | 320          |         |
| 3                  |              |                        |                                 |           |              |         |
| 4                  | 734          |                        | Hard Flat Washers for 7/8" BOLT |           |              |         |
| 5                  |              |                        |                                 |           |              |         |
| 6                  |              |                        |                                 |           |              |         |
| 7                  |              |                        |                                 |           |              |         |

|                  |       |  |  |  |  |  |  |  |  |
|------------------|-------|--|--|--|--|--|--|--|--|
| OUT FOR APPROVAL | 11404 |  |  |  |  |  |  |  |  |
| OUT FOR APPROVAL |       |  |  |  |  |  |  |  |  |
| ISSUED TO SHOP   |       |  |  |  |  |  |  |  |  |
| FIELD & OFFICE   |       |  |  |  |  |  |  |  |  |

| REV. | REMARKS | DATE | DWN | CHK | APP | Q.A. | NO. | DIA. | LGT | TYPE | WASH |
|------|---------|------|-----|-----|-----|------|-----|------|-----|------|------|
|      |         |      |     |     |     |      |     |      |     |      |      |

MATERIAL: \_\_\_\_\_ ELECTRODES: \_\_\_\_\_ HOLES: \_\_\_\_\_ SHOP BOLTS: \_\_\_\_\_

SURFACE PREP. & PAINT: \_\_\_\_\_

|   |                                     |                      |                    |          |          |
|---|-------------------------------------|----------------------|--------------------|----------|----------|
| DESCRIPTION:                            | FRAMING PLAN                        | DRAWN BY             | JTB                | DATE     | 10/12/04 |
| JOB:                                    | VT ROUTE 14 BRIDGE OVER WHITE RIVER | CHKD BY              | TJB                | DATE     | 10/21/04 |
|   | ROYALTON, VERMONT                   | APPROV BY            |                    |          |          |
|   | COUNTY OF WINDSOR                   | SUPERVISOR           | W. J. GA...        |          |          |
|   | CONTRACTOR: BECK & BELLUCCI, INC.   |                      |                    |          |          |
| PROJ NO.                                | BRS-0147(5)S                        |                      |                    |          |          |
| CUSTOMER:                               | VERMONT DOT                         |                      |                    |          |          |
| <b>CASCO BAY STEEL STRUCTURES, INC.</b> |                                     | JOB NO.              | 250                | DRG. NO. | E1       |
| 75 SPRING HILL ROAD SACO, MAINE 04072   |                                     | PHONE (207) 282-7360 | FAX (207) 282-1179 | REV.     |          |

RECEIVED  
 NOV 12 2004  
 BY: JWC DATE: 12/13/2004