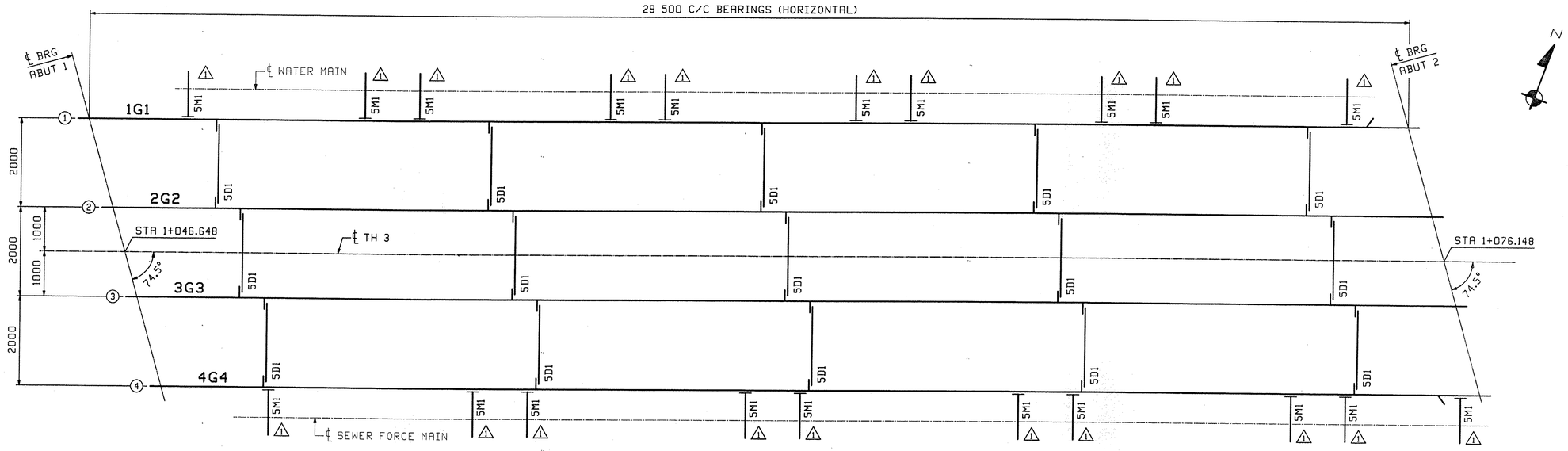


FRAMING PLAN

| 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 | | | | | | | | | | | | | | **INT. DIAPHRAGMS** |
| 2 | 270 | 7/8 | 2 1/2 | 9 | 30 | 25 | 12 | 13 | | | | | 1 | DIAPHRAGM WEB TO CONNECTION PLATE |
| 3 | | | | | | | | | | | | | | |

WASHER CODES

1: 1 Hard Flat Washer

| FIELD BOLT LIST | | | | | | A325 Type 1 BOLTS (GALV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LINE | NO REQ'D. | BOLT DIAM. | BOLT LEN. | BOLTS /CONN. | # OF CONN. | GRIP | THICKNESS OF PCS. CONNECTED | | | | | | WASH CODE | PIECES CONNECTED AND REMARKS |
| 4 | | | | | | | | | | | | | | **UTILITY SUPPORTS** |
| △1 5 | 120 | 3/4 | 2 1/4 | 6 | 20 | 26 | 13 | 13 | | | | | 1 | BOTTOM PLATE TO GIRDER WEB |
| △1 6 | 40 | 5/8 | 2 1/4 | 2 | 20 | 26 | 13 | 13 | | | | | 1 | DIAGONAL END PLATE TO GIRDER WEB |

WASHER CODES

1: 1 Hard Flat Washer

NOTE:
1. ALL BOLT DIAMETERS AND LENGTHS ARE SHOWN IN INCHES (ENGLISH UNIT OF MEASUREMENT).
2. ALL GRIP VALUES ARE SHOWN IN METRIC UNITS.

| FIELD BOLT SUMMARY | | | EXACT COUNT - NONE EXTRA | | | |
|---|---|---|---|---|---|---|
| LINE | NO. OF BOLTS | BOLT DIAM. | TYPE | BOLT LEN | ACTUAL COUNT | REMARKS |
| 1 | 40 | 5/8 | A325 Type 1 | 2 1/4 | 40 | GALVANIZED △1 |
| 2 | 40 | Hard Flat Washers | | for 5/8 ø | BOLT | GALVANIZED F436-1 △1 |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | 120 | 3/4 | A325 Type 1 | 2 1/4 | 120 | GALVANIZED △1 |
| 6 | 120 | Hard Flat Washers | | for 3/4 ø | BOLT | GALVANIZED F436-1 △1 |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | 270 | 7/8 | A325 Type 3 | 2 1/2 | 270 | |
| 10 | 270 | Hard Flat Washers | | for 7/8 ø | BOLT | F436-3 |
| 11 | | | | | | |

RECEIVED
CK'D BY [illegible] OK'D BY DDB
JUN 28 2010
RESUBMIT ____ APPROVED ✓
BY CPW DATE 7/1/10

| REV. | DATE | REMARKS | DWN | CHK | APVL | SHOP |
|---|---|---|---|---|---|---|
| △1 | 6/23 | REV. UTILITY SPACING & BOLTS | JTB | SF | 6/24/10 | |
| 0 | | | | | 4/16/10 | |

MATERIAL: | SURFACE PREP. & PAINT: | HOLES: | SHOP BOLTS:

DESCRIPTION: FRAMING PLAN & FIELD BOLTS

CASCO BAY STEEL STRUCTURES, INC.
75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1179
TENSOR 2980

| | | | |
|---|---|---|---|
| STRUCTURE: | BRIDGE NO. 31 ON TOWN HIGHWAY NO. 3<br>BRIDGE PROJECT<br>READSBORO<br>County of BENNINGTON | DRAWN: JTB | DATE: 03/24 |
| | | CHKD: ELC | DATE: 4/14/10 |
| LOCATION: | TOWN OF READSBORO, VERMONT | JOB NO. | DWG NO. |
| PROJ NO. | BRO 1441(25) | 445 | E1 |
| CUSTOMER: | COLD RIVER BRIDGE LLC | | REV. △1 |

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