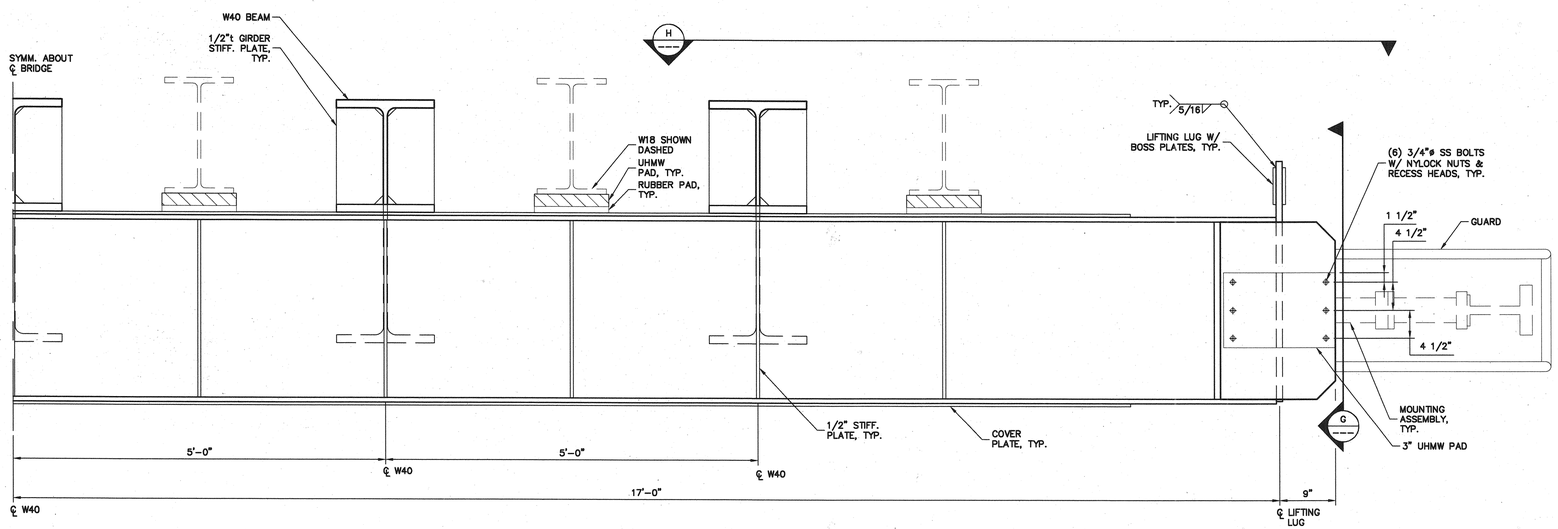
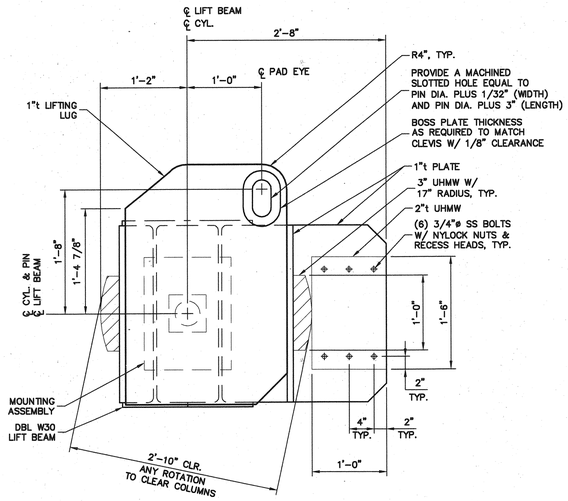



VIEW C W301-R




VIEW G


811 First Avenue, Suite 570
Seattle, Washington 98104
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E-Mail: mail@pndea.com

P N D ENGINEERS Incorporated


STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER 009215.00

PIN 009215.00

SIGNATURE

P.E. NUMBER 9457

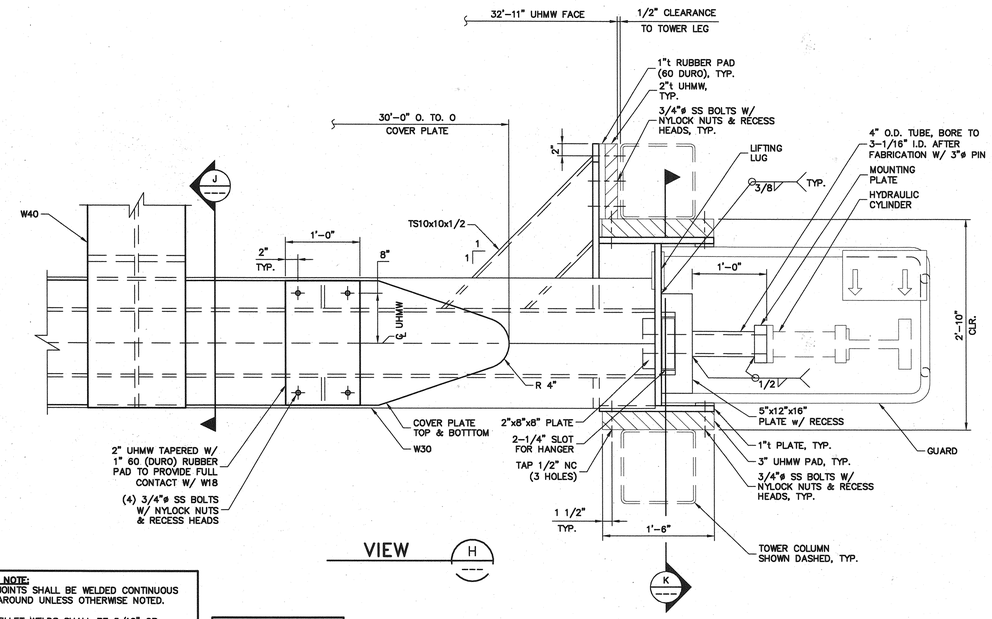
DATE

| PROJ. MANAGER PAUL POTTLE | | |
|---|---|---|
| DESIGN-DETAILED | TN | GD |
| CHECKED-REVIEWED | RJ | DP |
| DESIGN-DETAILED2 | | |
| DESIGN-DETAILED3 | | |
| REVISIONS 1 | | |
| REVISIONS 2 | | |
| REVISIONS 3 | | |
| REVISIONS 4 | | |
| FIELD CHANGES | | |

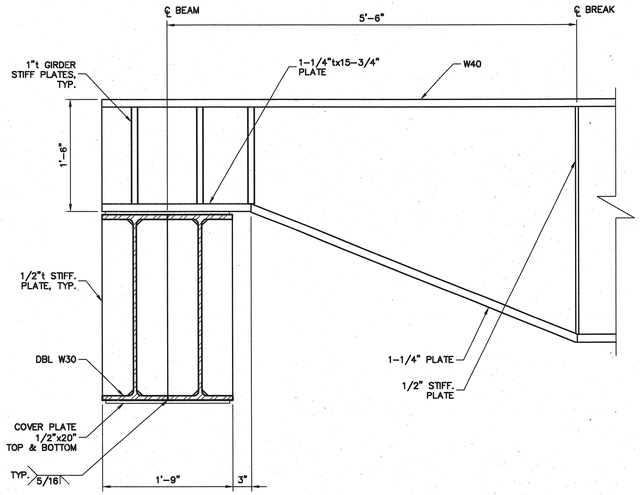
| DATE | BY |
|---|---|
| 09/01/04 | GD |
| 09/01/04 | DP |

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1

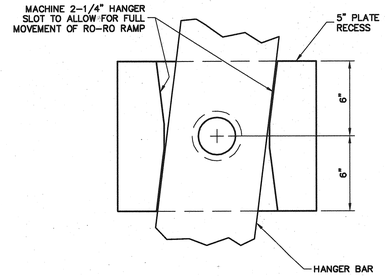
LIFT BEAM




VIEW H




SECTION J




HANGER SLOT SECTION K

**WELD NOTE:**
ALL JOINTS SHALL BE WELDED CONTINUOUS ALL AROUND UNLESS OTHERWISE NOTED.

ALL FILLET WELDS SHALL BE 5/16" OR EQUIVALENT BEVEL UNLESS OTHERWISE NOTED.

ALL BUTT WELD JOINTS SHALL BE COMPLETE JOINT PENETRATION (CJP) WELDED.

**SURFACE NOTE:**
ALL MACHINE SURFACES SHALL HAVE SMOOTHNESS OF 125 MICRO INCHES UNLESS NOTED.

9/30/04
Filename: 20343802-R-W302-100

W302-R