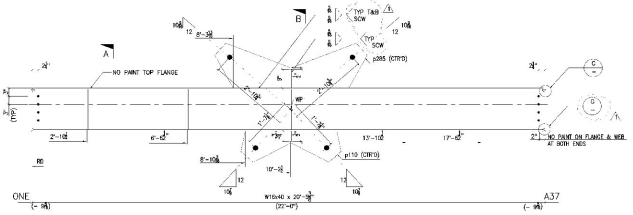


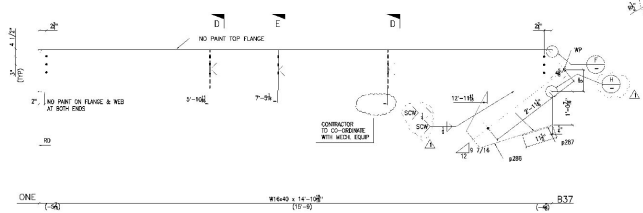


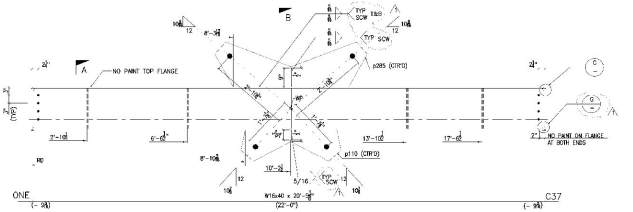


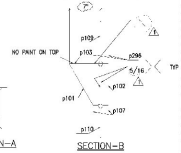


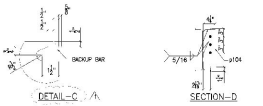


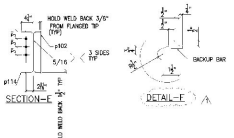


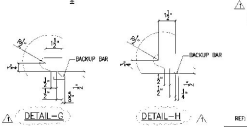


# BILL OF MATERIAL

| NO. TO SHIP | SHIP MARK | ASSY MARK | NO PCS. | SECTION | LENGTH FT. | LENGTH IN. | REMARKS | UNIT WT. | WEIGHT | P.O.NO |
|---|---|---|---|---|---|---|---|---|---|---|
| ONE | A37 | | 1 | W16x40 | 20 | 5 1/2 | PC.4 LINE 34 | | | |
| | | p101 | 1 | PL8x4 | 1 | 3 | | | | |
| | | p102 | 5 | PL8x3 | 1 | 3 | | | | |
| | | p103 | 1 | PL8x3 | 0 | 7 | | | | |
| | | p096 | 2 | PL8x3 | 0 | 9 | | | | |
| | | p107 | 2 | PL8x3 | 0 | 3 1/2 | | | | |
| | | p085 | 1 | PL8x5x6 | 5 | 2 1/2 | NO PAINT | | | |
| | | p110 | 1 | PL8x112 | 3 | 3 1/4 | NO PAINT | | | |
| ONE | B37 | | 1 | W16x40 | 14 | 10 3/4 | PC.4 LINE 43 | | GALV | |
| | | p114 | 1 | PL8x4 | 1 | 3 | | | | |
| | | p102 | 1 | | | | | | | |
| | | p104 | 2 | PL8x4 | 1 | 3 1/2 | | | | |
| | | p286 | 1 | PL8x21 | 2 | 7 | NO PAINT | | | |
| | | p287 | 1 | PL8x6 | 0 | 11 1/2 | | | | |
| ONE | C37 | | 1 | W16x40 | 20 | 5 1/2 | PC.4 LINE 36 | | | |
| | | p101 | 1 | | | | | | | |
| | | p102 | 5 | | | | | | | |
| | | p103 | 1 | | | | | | | |
| | | p096 | 2 | | | | | | | |
| | | p107 | 2 | | | | | | | |
| | | p085 | 1 | | | | NO PAINT | | | |
| | | p110 | 1 | | | | NO PAINT | | | |
| | | | | FIELD BOLTS | | | | | | |
| | | | 16 | 3/4 A325 | 0 | 2 | W/NUT & W | | | |
| | | | 6 | 3/4 A307 | 0 | 2 | W/NUT & W | | | |
| | | | | BACKUP BAR | | | | | | |
| | | | | FIL 1/4x1 | 9 | 0 | | | | |

NOTES:
1) ALL W SHAPES ARE ASTM A992 (UN)
2) ALL ANGLES, CHANNELS AND PLATES EXCEPT GUSSET PLATES ARE A36
3) GUSSET PLATES ARE ASTM A572 GR.50
4) ALL RODS ARE ASTM A500 GR.B
5) SCW DENOTES SEISMIC CRITICAL WELD

LEGEND:
RD-PLANING DIMENSION

4.2.1 Approval by the owner of shop drawings prepared by the fabricator indicates that the fabricator has correctly interpreted the contract documents and has made no errors or omissions. The owner's approval constitutes the owner's acceptance of all responsibility for the design adequacy of any detail configuration or connections developed by the fabricator as part of his preparation of these shop drawings. Approval does not relieve the fabricator of the responsibility for accuracy of detail dimensions on shop drawings nor the general fit-up of parts to be assembled in the field.

4.2.2 Unless specifically stated to the contrary, any additions deletions or changes indicated on the approval of shop and erection drawings on submittals by the owner to release the architect/engineer or contractor from contract requirements.

American Institute of Steel Construction, Inc. Ninth Edition

All detailed " Approval Stamp" copies returned to us with no response will be considered to be complete by the owner and will be incorporated into the construction

REF: E1

| | |
|---|---|
| HOLES | 13/16" (UN) |
| PAINT | PRIMER TYPE B (IN) |

PRIME RECORD

| ISSUED TO | NO. | DATE |
|---|---|---|
| APPROVAL | | |
| RESUBMITTED | | |
| APPROVAL | | |
| REVISED | | |
| DISTRIBUTION | | |
| SHOP | | |
| FIELD | | |

1 AS NOTED
2 SHOP ISSUE

DESCRIPTION: BEAM DETAILS
STRUCTURE: GLOBAL ECOLOGY CENTER - PHASE II
LOCATION:
ARCHT/ENG:
CONTRACTOR:

| DATE | DWN. BY | JOB NO. | DWG. NO. |
|---|---|---|---|
| | MCG | | |
| | CHKD BY YNK | 05-03-551 | D37 /1 |