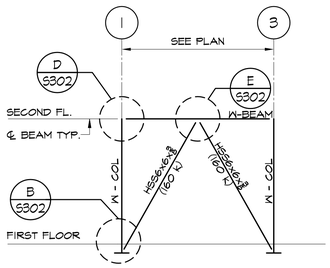
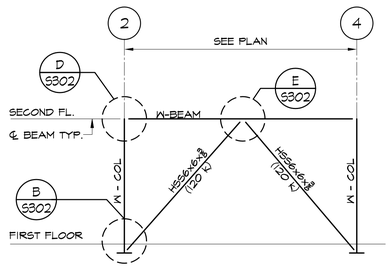
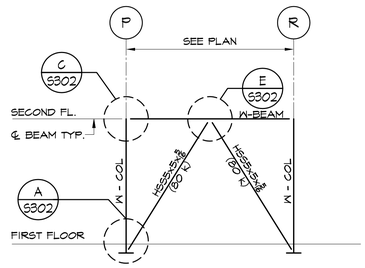
CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/16/14



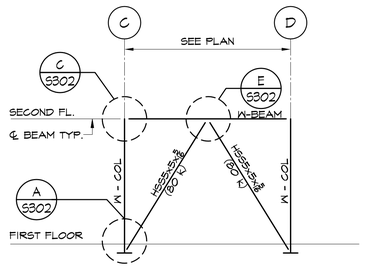
ELEVATION BRACE "A"
1/8"=1'-0" FOR LOCATION SEE PLAN



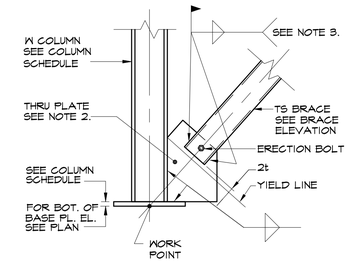
ELEVATION BRACE "B"
1/8"=1'-0" FOR LOCATION SEE PLAN



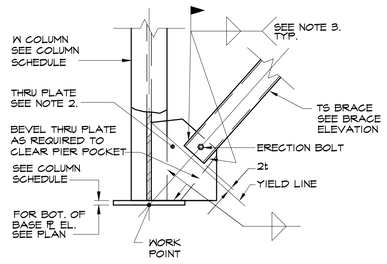
ELEVATION BRACE "C"
1/8"=1'-0" FOR LOCATION SEE PLAN



ELEVATION BRACE "D"
1/8"=1'-0" FOR LOCATION SEE PLAN

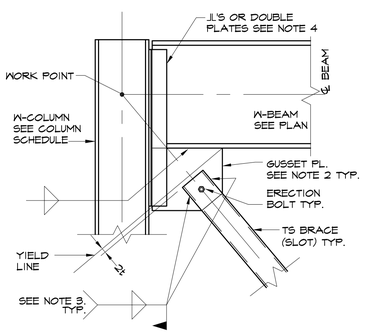


DETAIL A S301
3/4"=1'-0"

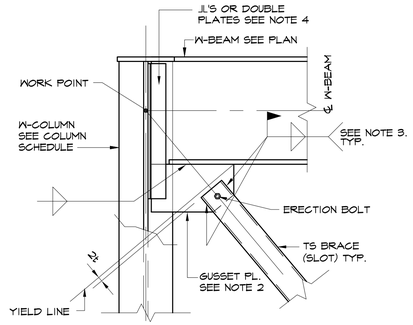


NOTE:
PROVIDE PARTIAL PENETRATION WELDS AT WEB TO PLATE CONNECTIONS

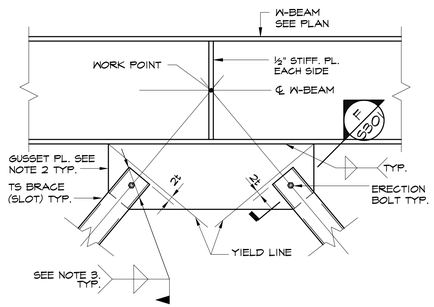
DETAIL B S301
3/4"=1'-0"



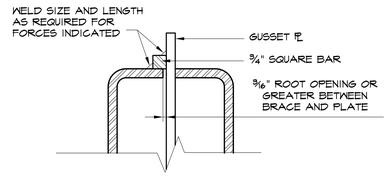
DETAIL C S301
3/4"=1'-0"



DETAIL D S301
3/4"=1'-0"



DETAIL E S301
3/4"=1'-0"



TYPICAL REPAIR OF GAP
BETWEEN WELDING SURFACES

NOTE:
IF ROOT OPENING IS 1/16" TO 9/16", INCREASE REQUIRED WELDSIZE BY THE OPENING SIZE.

DETAIL F S301
3/4"=1'-0"

NOTE
(105K) ETC. INDICATES FACTORED (LRFD) AXIAL FORCE IN THE BRACE MEMBERS FOR THE USE IN CONNECTION DESIGN. TO CHANGE LRFD LOAD TO ASD DIVIDE LRFD BY 1.5 (LRFD/1.5=ASD)

BRACE DETAIL NOTES:
1. FOR NUMBER, SIZE AND LENGTHS OF ANCHOR BOLTS SEE BASE PLATE DETAILS
2. ALL BRACE GUSSET PLATES TO BE ½" THICK MIN.
3. DETAILER TO PROVIDE SIZE AND LENGTH OF FIELD FILLET WELDS OF HSS BRACE TO PLATES ON THE ERECTION DRAWINGS.
4. SHEAR CAPACITY OF CONNECTION TO BE BRACING LOAD PLUS BEAM SHEAR INDICATED ON PLANS.
5. DETAILER TO REVIEW INSTALLATION OF BRACE MEMBER, SUBMIT DIAGRAM INDICATING HOW BRACE WILL FIT.

STATE OF MAINE
SAMANTAS M. VEITAS
LICENSED PROFESSIONAL ENGINEER

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PORTLAND, MAINE

Revisions:
100% CONSTRUCTION DOCUMENTS

Date: 5 MAR 2014
Scale: As indicated

Column and Pier Schedules and Details

S3.02