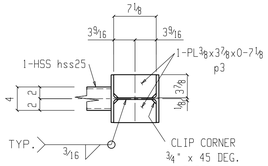
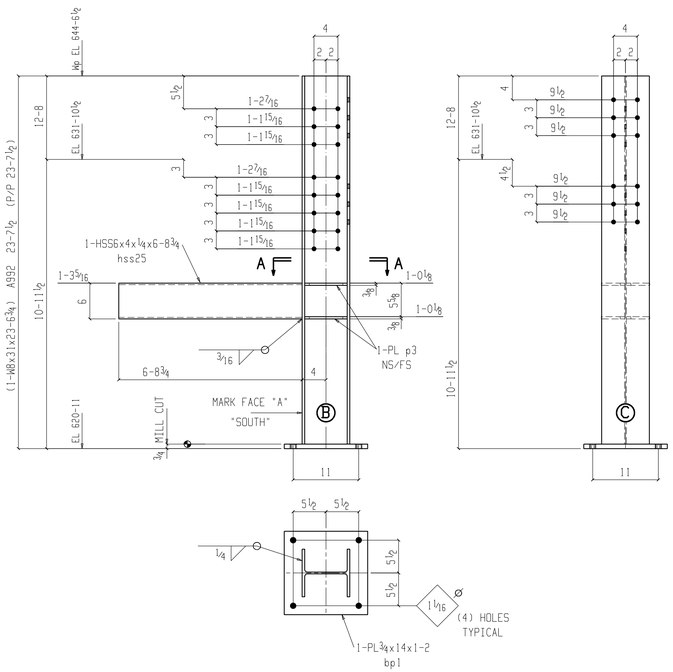


Section A-A

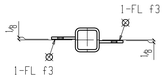
C2C



ONE COLUMN C2C

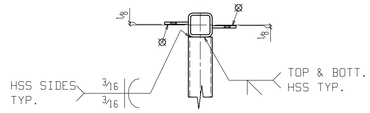
W	8x5/16
F	8x7/16

AT GRID:
1.1 & E.1



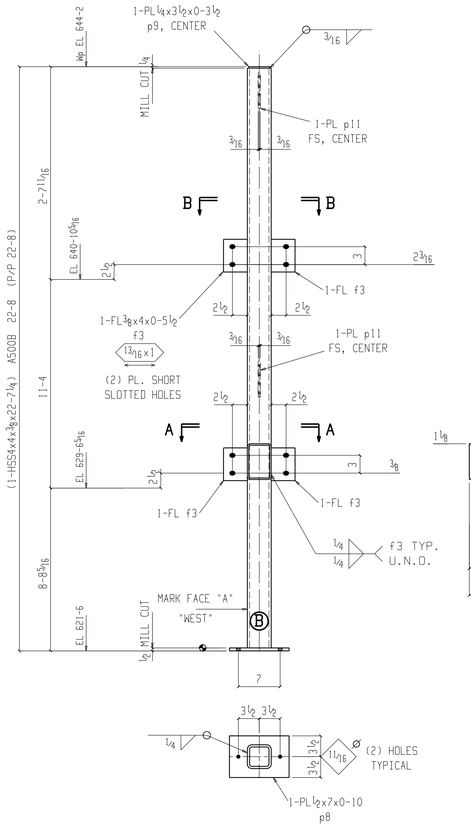
Section B-B

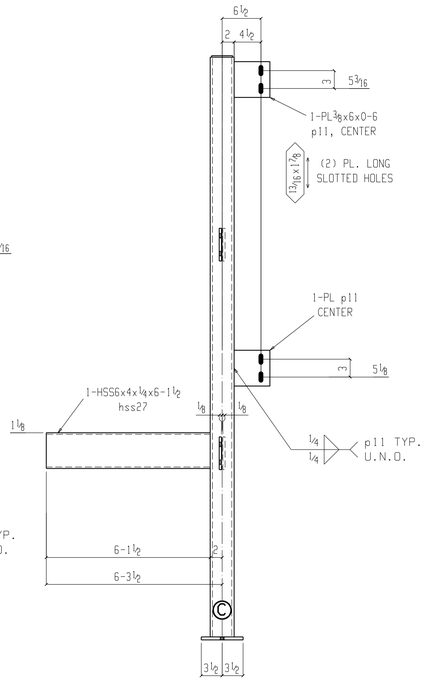
C7B



Section A-A

C7B

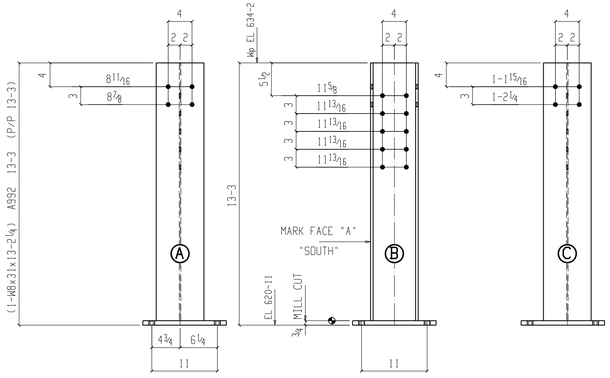


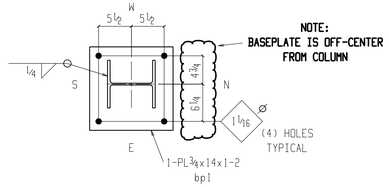


5 COLUMNS C7B

W	8x5/16
F	8x7/16

AT GRID:
1.5 & L.5





ONE COLUMN C3A

W	8x5/16
F	8x7/16

AT GRID:
1.9 & L.5

GENERAL SHOP FABRICATION NOTES:

1. ALL WIDE FLANGE MEMBERS ("W" SHAPES) SHALL BE ASTM A572 GRADE 50 (W/ SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED 3/97) OR ASTM A992 GRADE 50. Fy = 50 ksi.
2. ALL STEEL PIPE TO BE ASTM A53 U.N.O.
3. ALL STEEL PLATES, ANGLES, CHANNELS, BARS, ETC. TO BE ASTM A36, (Fy=36 KSI)
4. ALL STRUCTURAL TUBE STEEL TO BE ASTM A500, GRADE B, (Fy=46 KSI), U.N.O.
5. ALL HOLES TO BE 13/16" DIA., U.N.O.
6. ALL WELDED CONNECTIONS TO BE ELECTRIC ARC WELDED W/ AWS SERIES E70 ELECTRODES.
7. ALL BOLTED CONNECTIONS TO BE W/ ASTM A-325 H.S. BOLTS W/ HARD NUTS & WASHERS.
8. ALL WELDS (SEAL WELDED) TO BE 1/16" LESS THAN MATERIAL THICKNESS U.N.O.
9. ALL ADDITIVES (DOUBLE ARROWS) ARE REF. TO CUT END OF MEMBER OR TOP OF COL. BASE PL. U.N.O.
10. PRIME, & PAINT PER FABRICATORS STANDARD RUST INHIBITING RED PRIMER, LEAD FREE, UNLESS NOTED OTHERWISE.
11. ERECTION PLAN PER SHEET E1.

DRAWING REVIEW / APPROVAL

NEW CENTURY ENGINEERING HAS MADE EVERY EFFORT TO CORRECTLY AND COMPLETELY INCORPORATE THE INTENT OF THE CONTRACT DOCUMENTS. APPROVAL BY THE CLIENTS REPRESENTATIVE SHALL CONSTITUTE ACCEPTANCE. ANY POST-APPROVAL CHANGES WILL BE CONSIDERED TO BE CONTRACT CHANGES.

NEW CENTURY ENGINEERING AND DESIGN
3106 E. VANTAGE PT. DR.
MIDLAND, MICH. 48640
PHONE : (989) 633-3331
FAX : (989) 633-3334
serskine@newcenturyeng.com

FOR: company name
project name
city, state

TITLE: STRUCTURAL STEEL DETAILS
project name
xxxxx

START DATE:
NCED JOB NO. –
REVISIONS
NO. DATE
DWG. NO. X

DRAWN BY: _ CHK'D BY: _ DATE: _