



GENERAL SHOP FABRICATION NOTES:

1. ALL WIDE FLANGE MEMBERS ("H" SHAPES) SHALL BE ASTM A572 GRADE 50 (W/ SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED 3/97) OR ASTM A582 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 1/16" 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 1/8" 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.

| | | | |
|--|---|--------------------------------------|--------------------------|
| 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 | START DATE: REVISIONS NO. DATE | NCEC JOB NO. DWG. NO. |
| | TITLE: STRUCTURAL STEEL DETAILS project name xxxxxx | DRAWN BY: CKD BY: DATE: | |