



**ONE STAIR M10A**

SHOP BOLTS:  
2-3/4x1 3/4 A325 w/1HD WASH [total=2]

**GENERAL SHOP FABRICATION NOTES:**

- 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.
- ALL STEEL PIPE TO BE ASTM A53 U.N.O.
- ALL STEEL PLATES, ANGLES, CHANNELS, BARS, ETC. TO BE ASTM A36, (Fy=36 KSI)
- ALL STRUCTURAL TUBE STEEL TO BE ASTM A500, GRADE B, (Fy=46 KSI), U.N.O.
- ALL HOLES TO BE 1/16" DIA., U.N.O.
- ALL WELDED CONNECTIONS TO BE ELECTRIC ARC WELDED W/ AWS SERIES E70 ELECTRODES.
- ALL BOLTED CONNECTIONS TO BE W/ ASTM A-325 H.S. BOLTS W/ HARD NUTS & WASHERS.
- ALL WELDS (SEAL WELDED) TO BE 1/8" LESS THAN MATERIAL THICKNESS U.N.O.
- ALL ADDITIVES (DOUBLE ARROWS) ARE REF. TO CUT END OF MEMBER OR TOP OF COL. BASE PL. U.N.O.
- PRIME, & PAINT PER FABRICATORS STANDARD RUST INHIBITING RED PRIMER, LEAD FREE. UNLESS NOTED OTHERWISE.
- 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**  
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FOR:	company name	START DATE:	NEED JOB NO.:
	project name		
	city, state	NO.:	DWG. NO.:
TITLE:	STRUCTURAL STEEL DETAILS	DATE:	
	project name		
	xxxxx		
DRAWN BY:	CHECK BY:	DATE:	