

STRUCTURAL GENERAL NOTES

1) INTERNATIONAL BUILDING CODE (IBC), 2010 EDITION. 2) SPECIFICATIONS FOR STRUCTURAL STEEL BUILDING

1) STRUCTURAL STEEL: ROLLED SHAPES PLATES HSS -SQUARE OR RECT
2) HIGH STRENGTH BOLTS:
3) WELD METAL:

CTURAL STEEL

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ASTM A36, F_y = 36 ksi ASTM A36, F_y = 36 ksi ASTM A500 GRADE B, F_y = 46 ksi ASTM A325 TYPE 1 UNCOATED; STEEL TO STEEL F7X-EXXX OR E70XX OR AS APPROVED

DETAIL, FABRICATE AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH AISC 303-05 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
ALL STEEL TO STEEL BOLTED CONNECTIONS SHALL CONFORM TO THE RCSC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS" DATED 2014 AS ENDORSED BY AISC.
GENERALLY, BOLTED CONNECTIONS HAVE BEEN DESIGNED AS BEARING TYPE AND BOLTS MAY BE INSTALLED TO A SNUG-TIGHT CONDITION UNLESS INDICATED TO BE PRE-TENSIONED. JOIST SPLICE CONNECTIONS HAVE BEEN DESIGNED AS SLIP CRITICAL AND MUST BE FULLY-TENSIONED. INSTALL FULLY-TENSIONED BOLTS INDICATED AS SULP CRITICAL AND MUST BE FULLY-TENSIONED. INSTALL FULLY-TENSIONED BOLTS
PREFORM SHOP AND FIELD WELDING IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY'S STRUCTURAL WELDING CODE. SHOP OR FIELD WELDS AT NON-BOLTED CONNECTIONS THAT ARE NOT SPECIFICALLY DETAILED SHALL BE %(° CONTINUOUS FILLETS AT EACH CONTACT EDGE OR SURFACE.
ALL WELDERS SHALL HAVE EVIDENCE OF PASSING THE AWS STANDARD QUALIFICATION TEST FOR THE TYPE OF WORK BEING PERFORMED.
NON-DESTRUCTIVE WELD TESTS MAY BE PERFORMED. DEFICIENT WELDS WILL BE CORRECTED BY THE CONTRACTOR AND RE-TESTED AT THEIR EXPENSE.
DO NOT SHOP PAINT FAYING SURFACES OF SLIP CRITICAL BOLTED CONNECTIONS OR SURFACES SCHEDULED TO RECEIVE SHOP OR FIELD INSTALLED HEADED ANCHOR STUDS.
THE ERECTOR SHALL NOT EMPLOY FIT-UP MEANS BEYOND THE USE OF DRIFT PINS OR MINOR HOLE REAMING. CORRECTION OF FIT-UP ERRORS OR MODIFICATIONS OF ANY DEGREE SHALL BE APPROVED BY THE ENGINEER BEFORE ACTIONS ARE TAKEN.
ALL STEEL TO BE PRIMED AND PAINTED TO MATCH THE ROOF STRUCTURE USING THE SAME PRODUCTS AND COLORS.

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ALL SHOP WELDS SHALL BE VISUALLY INSPECTED BY AN INDE RETAINED BY THE BIDDER AND APPROVED BY THE ENGINEER.
ALL FIELD WELDS AND FIELD BOLTS SHALL BE INSPECTED BY OWNER UNDER A SEPARATE CONTRACT.

. MATERIALS



