



FRAMING PLAN

$$\frac{1}{8}'' = 1'-0''$$

GENERAL NOTES

1. STRUCTURAL STEEL SHALL CONFORM TO SPECIFICATIONS ASTM A-36. FABRICATION OF ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE A.I.S.C. "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION. ALL SHOP CONNECTIONS SHALL BE RIVETED, WELDED OR HIGH STRENGTH BOLTED. FIELD CONNECTIONS TO BE HIGH STRENGTH BOLTED. RIVETS AND BOLTS SHALL BE $\frac{3}{4}$ " ϕ AND HOLES $\frac{1}{16}$ " ϕ UNLESS OTHERWISE NOTED. ALL WELDING SHALL CONFORM TO "STANDARD CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION" OF THE AMERICAN WELDING SOCIETY, UNLESS OTHERWISE SHOWN. ALL WELDS SHALL BE $\frac{1}{4}$ " FILLET. PROVIDE BACKUP PLATES AS REQUIRED FOR BUTT WELDS. PROVIDE ANCHOR BOLTS AND ERECTION BOLTS, WHETHER SHOWN ON DRAWINGS OR NOT, TO FACILITATE NORMAL ERECTION. ALL STEEL IS TO RECEIVE ONE SHOP COAT OF RED LEAD PAINT IN ACCORDANCE WITH FEDERAL SPEC. TT-P-36 a
2. OPEN WEB JOISTS SHALL CONFORM TO S.J.I. SPECIFICATIONS FOR J-SERIES, LATEST EDITION. PROVIDE ALL BRIDGING AND ANCHORS FOR BRIDGING AS REQUIRED. ALL JOISTS, BRIDGING AND ANCHORS ARE TO RECEIVE ONE SHOP COAT OF RUST INHIBITIVE PAINT.
3. STEEL ROOF DECK SHALL BE 24 GAGE GALVANIZED TO CONFORM TO ASTM A361-65T SPECIFICATIONS. DECK SHALL BE SIMILAR AND EQUAL TO TYPE "U" DECK PATTERN AS MANUFACTURED BY GRANCO STEEL PRODUCTS COMPANY. PROVIDE SUFFICIENT QUANTITY OF DECK FOR PROPER ERECTION WITH END JOINTS OVERLAPPING A MINIMUM OF 2 INCHES AND OCCURRING OVER A SUPPORT. PROVIDE SUFFICIENT QUANTITY OF SPECIAL 14 GAGE WELDING WASHERS FOR ARC WELDING OF DECK TO SUPPORTING MEMBERS. DEFLECTION OF DECK SHALL NOT EXCEED $\frac{1}{240}$ OF THE SPAN UNDER A LIVE LOAD OF 40 psf. MAXIMUM FIBER STRESS SHALL NOT EXCEED 20,000 PSI UNDER TOTAL DEAD AND LIVE LOAD OF 55 psf.

NOTE : ALL STEEL SHOWN ON THIS DRAWING HAS BEEN PURCHASED BY THE OWNER AND IS SCHEDULED FOR DELIVERY TO THE SITE ON OR BEFORE SEPTEMBER 15, 1971. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ERECTING THIS STEEL IN ACCORDANCE WITH ERECTION DRAWINGS FURNISHED BY THE OWNER. ANY ADDITIONAL STEEL NOT SHOWN ON THIS DRAWING BUT SHOWN ON OTHER CONTRACT DRAWINGS, OR CALLED FOR IN CONTRACT SPECIFICATIONS, MUST BE FURNISHED BY THE GENERAL CONTRACTOR.

SECTION 5-1

SECTION 5-2

$$\frac{3}{4} = 1 - 0$$