

GENERAL STRUCTURAL NOTES

COORDINATE: ALL DIMENSIONS, ELEVATIONS & OPENINGS WITH ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO OUR OFFICE.

FOUNDATIONS: - PROPOSED FOUNDATIONS HAS BEEN BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF. AT THE TIME OF CONSTRUCTION, A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER MUST PREPARE A FOUNDATION DESIGN REPORT AND SET FOUNDATION SIZE AND SETTING THAT SITE HAS BEEN OBSERVED AND THE FOUNDATION CONDITIONS ARE SIMILAR TO THOSE UPON WHICH THE DESIGN IS BASED.

REINFORCEMENT: - ALL REINFORCING STEEL SHALL BE A108 (GRADE 60). REINFORCEMENT SHALL BE SUPPLIED BY A REPUTABLE SUPPLIER AND SHALL BE TESTED IN ACCORDANCE WITH ASTM A618 (GRADE 60) OR ASTM A618 (GRADE 60) OR ASTM A618 (GRADE 60).

CONCRETE: - COMPRESSIVE STRENGTH AT 28 DAYS: FOOTINGS: 4000 PSI; COLUMNS, WALLS, STRUCTURAL SLABS AND BEAMS: 4000 PSI; SLAB ON GROUND: 3000 PSI; ALL OTHER Poured-IN-PLACE CONCRETE: 3000 PSI.

ELEVATIONS: - ALL ELEVATIONS SHOWN ARE IN FEET AND INCHES, AND ARE REFERENCES FROM SEA LEVEL DATUM OF 12.00. COORDINATE WITH ARCHITECTURAL DRAWINGS.

SLAB ON GROUND: - ISOLATION JOINTS MUST BE USED AT JUNCTIONS WITH WALLS AND COLUMNS. USE 1/2" THICK PREPOLYMER JOINTS FULL DEPTH OF SLAB.

FINISHING: - NO PRECAST FINISHING SHALL BE ALLOWED. IMMEDIATE FOLLOWING FLOORING WITH SCHEDULED OPERATIONS. FINISHING SHOULD BE COMPLETED BEFORE THE SETTING OF SLAB FINISHES.

REINFORCING STEEL: - REINFORCING BARS CONFORMING TO A.S.T.M. A-615 GRADE 60, INCLUDING COLUMN AND BEAM TIES, WELDED WIRE FABRIC CONFORMING TO A.S.T.M. A-185 AND SUPPORTED ON SLAB BOLSTERS SPACED TO MAINTAIN CLEARANCE OF REINFORCING BARS.

STRUCTURAL STEEL: - ALL STRUCTURAL STEEL PLATES SHALL CONFORM TO A.S.T.M. A-36 HOT DIPPED GALVANIZED. ALL STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. A-36. ALL STRUCTURAL TUBING SHALL CONFORM TO A.S.T.M. A-500, GRADE B (FY = 48 KSI).

WELDING: - ALL WELDING SHOULD BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY A.S.S. BY CERTIFIED WELDERS. WELDING TO USE E-70 SERIES LOW HYDROGEN ELECTRODES.

LIGHT GAUGE STRUCTURAL STEEL: - ALL STRUCTURAL MEMBERS SHOULD BE DESIGNED IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISI) SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS, 1980 EDITION.

MASONRY WALLS: - CONCRETE BLOCK MASONRY WALLS SHALL HAVE THE COMPRESSION STRENGTH OF 1500 PSI AND TO CONFORM WITH BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.

REINFORCING: - REINFORCING STEEL SHALL BE A108 (GRADE 60). REINFORCEMENT SHALL BE SUPPLIED BY A REPUTABLE SUPPLIER AND SHALL BE TESTED IN ACCORDANCE WITH ASTM A618 (GRADE 60) OR ASTM A618 (GRADE 60) OR ASTM A618 (GRADE 60).

CONCRETE: - COMPRESSIVE STRENGTH AT 28 DAYS: FOOTINGS: 4000 PSI; COLUMNS, WALLS, STRUCTURAL SLABS AND BEAMS: 4000 PSI; SLAB ON GROUND: 3000 PSI; ALL OTHER Poured-IN-PLACE CONCRETE: 3000 PSI.

ELEVATIONS: - ALL ELEVATIONS SHOWN ARE IN FEET AND INCHES, AND ARE REFERENCES FROM SEA LEVEL DATUM OF 12.00. COORDINATE WITH ARCHITECTURAL DRAWINGS.

SLAB ON GROUND: - ISOLATION JOINTS MUST BE USED AT JUNCTIONS WITH WALLS AND COLUMNS. USE 1/2" THICK PREPOLYMER JOINTS FULL DEPTH OF SLAB.

FINISHING: - NO PRECAST FINISHING SHALL BE ALLOWED. IMMEDIATE FOLLOWING FLOORING WITH SCHEDULED OPERATIONS. FINISHING SHOULD BE COMPLETED BEFORE THE SETTING OF SLAB FINISHES.

REINFORCING STEEL: - REINFORCING BARS CONFORMING TO A.S.T.M. A-615 GRADE 60, INCLUDING COLUMN AND BEAM TIES, WELDED WIRE FABRIC CONFORMING TO A.S.T.M. A-185 AND SUPPORTED ON SLAB BOLSTERS SPACED TO MAINTAIN CLEARANCE OF REINFORCING BARS.

STRUCTURAL STEEL: - ALL STRUCTURAL STEEL PLATES SHALL CONFORM TO A.S.T.M. A-36 HOT DIPPED GALVANIZED. ALL STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. A-36. ALL STRUCTURAL TUBING SHALL CONFORM TO A.S.T.M. A-500, GRADE B (FY = 48 KSI).

WELDING: - ALL WELDING SHOULD BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY A.S.S. BY CERTIFIED WELDERS. WELDING TO USE E-70 SERIES LOW HYDROGEN ELECTRODES.

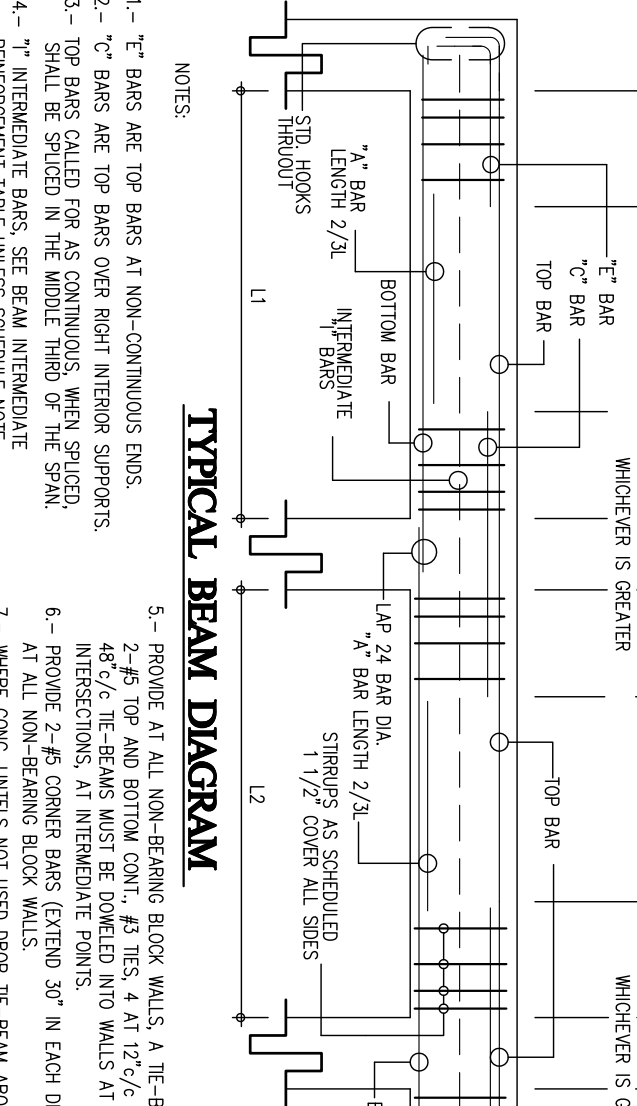
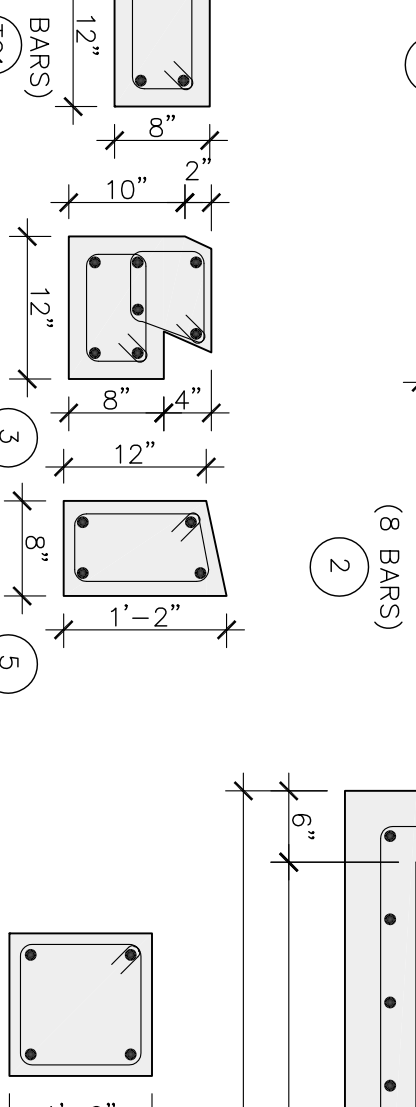
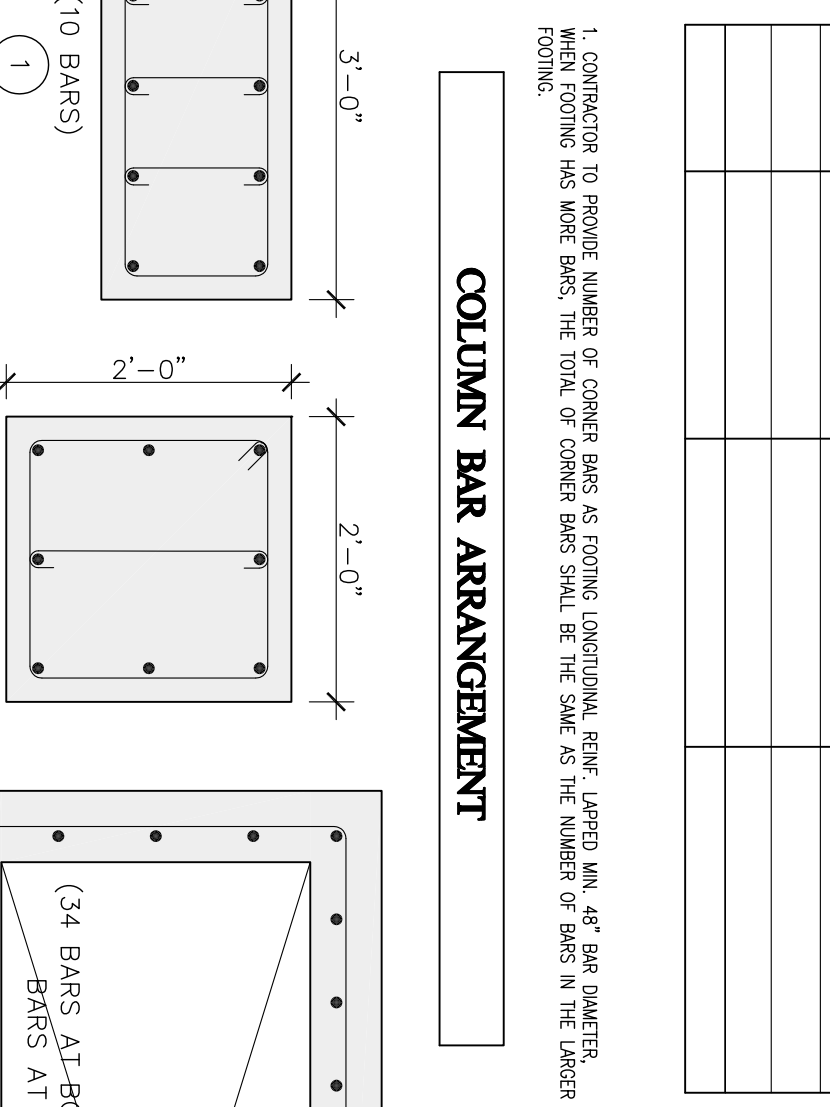
LIGHT GAUGE STRUCTURAL STEEL: - ALL STRUCTURAL MEMBERS SHOULD BE DESIGNED IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISI) SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS, 1980 EDITION.

REBAR LAP SCHEDULE. Table with columns: BAR NO., BAR SIZE, BAR SPACING, LAP LENGTH, etc.

BLOCK WALL SCHEDULE. Table with columns: MARK, THICK, VERTICAL REINFORCEMENT, HORIZONTAL REINFORCEMENT, etc.

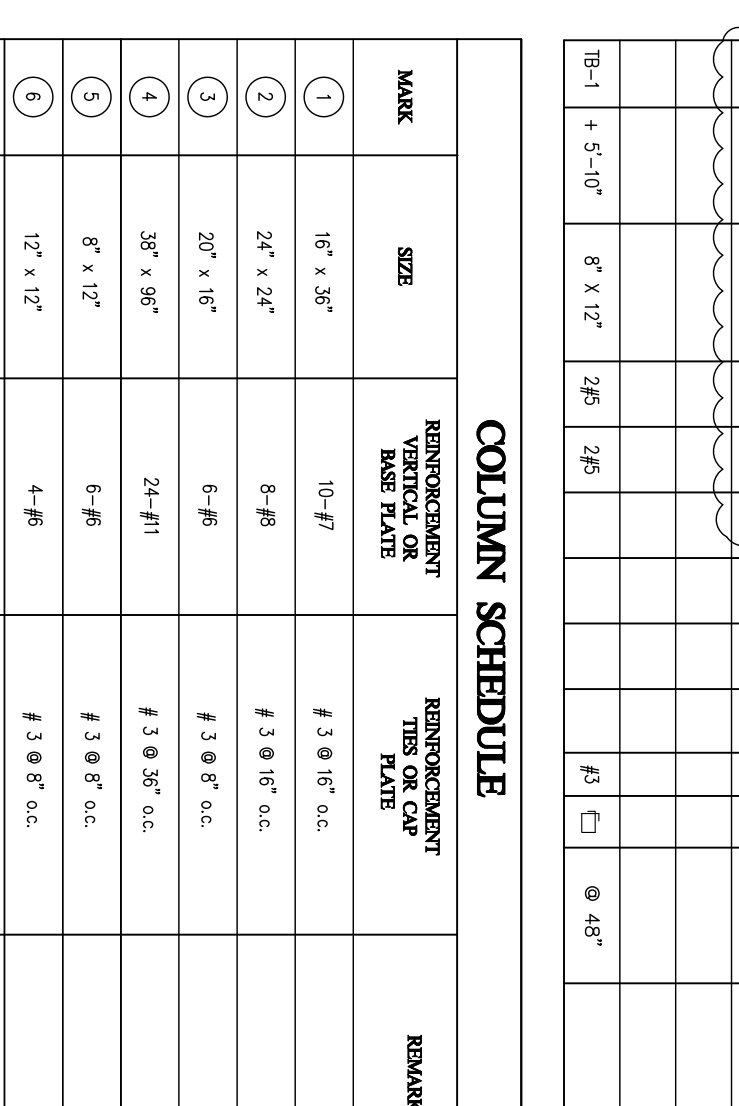
BEAM INTERMEDIATE REINFORCEMENT SCHEDULE. Table with columns: MARK, BEAM SIZE, REINFORCEMENT, etc.

FOOTING SCHEDULE. Table with columns: MARK, SIZE, REINFORCEMENT, etc.



CONCRETE BEAM SCHEDULE. Table with columns: MARK, BEAM SIZE, REINFORCEMENT, etc.

CONCRETE COLUMN SCHEDULE. Table with columns: MARK, COLUMN SIZE, REINFORCEMENT, etc.



REINFORCEMENT SCHEDULE. Table with columns: MARK, SIZE, REINFORCEMENT, etc.

