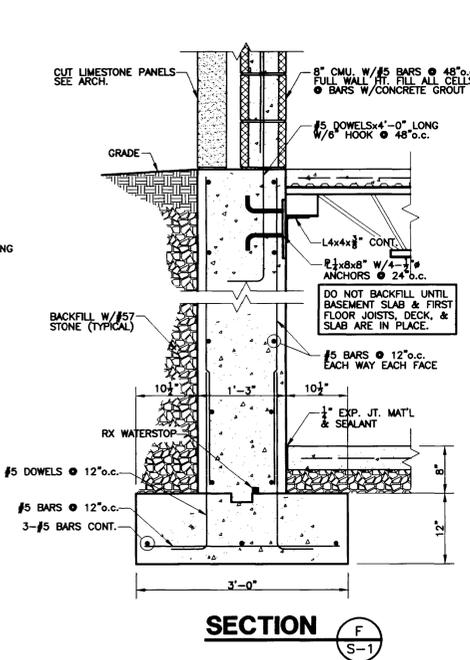
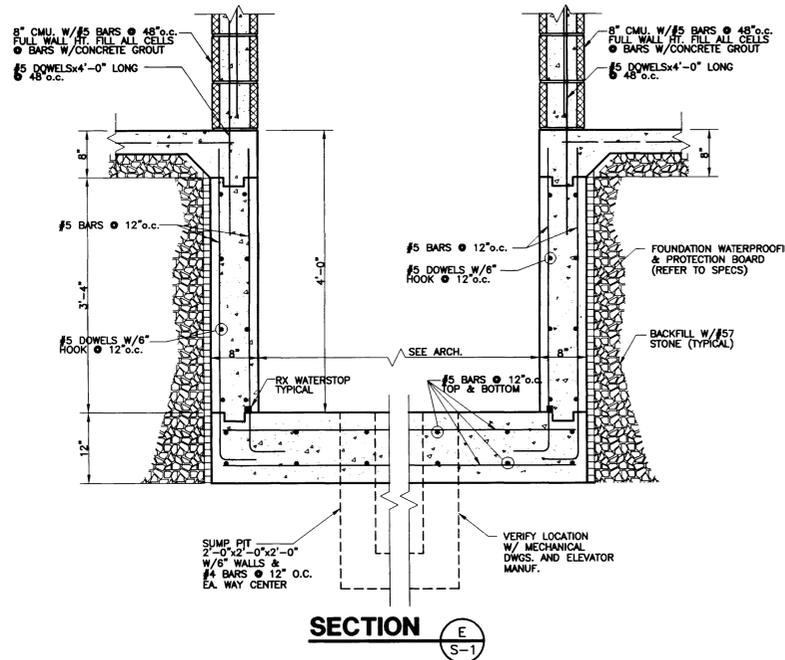
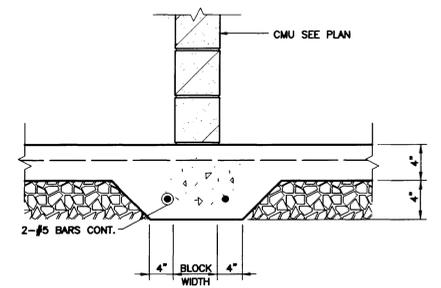


BASEMENT FOUNDATION PLAN - BUILDING 0504

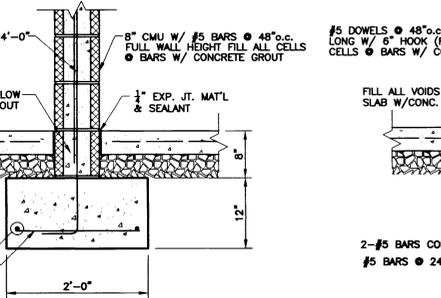
NOTES TO CONTRACTOR:
 1.) CONTROL JOINTS IN CONCRETE SLAB SHALL BE PLACED AT A MAXIMUM SPACING OF 16'-0" IN EACH DIRECTION IN ADDITION TO THOSE NOTED ON PLANS (UNLESS NOTED OTHERWISE).
 2.) DATUM ELEVATION 975.65 FT. EQUALS ASSUMED ELEVATION 100'-0".
 3.) INTERIOR T.O. FTG. EL.=88'-0"(U.N.O.)
 4.) EXTERIOR T.O. FTG. EL.=88'-0"(U.N.O.)
 5.) SEE ARCH. FOR WALL DIMENSIONS NOT SHOWN ON PLAN.
 6.) ALL FOOTING EXCAVATIONS SHALL BE PERFORMED ACCORDING TO GEOTECHNICAL REPORT.



TYPICAL EXTERIOR MASONRY CORNER REINFORCEMENT DETAIL



TYP. THICKENED FLOOR SLAB (FOR ALL CMU WALLS WITHOUT FOOTINGS SHOWN)



SECTION A

SECTION B

SECTION C

SECTION D

SECTION E

SECTION F

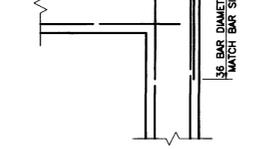
SECTION G

SECTION H

TYPICAL WALL INTERSECTION REINFORCING DETAIL



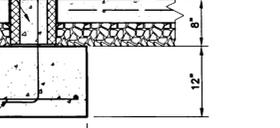
TYPICAL CORNER REINFORCING DETAIL



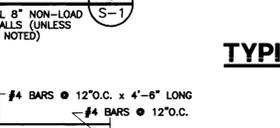
TYPICAL CONTROL JOINT DETAIL



TYPICAL CONSTRUCTION JOINT DETAIL



TYP. RECESS SLAB SECTION



GENERAL NOTES:
CONCRETE:
 1. All concrete shall conform and be designed, mixed, placed, tested and cured in accordance with the provisions of the ACI Manual of Concrete Practice (current edition). Special care shall be taken in curing floors, stairs, walls, and other exposed surfaces in accordance with the specifications.
 2. All concrete shall develop 4,000 PSI compressive strength in 28 days.
 3. Dropping the concrete in excess of 10 feet, depositing in a large quantity at any point and running or working it along the forms, or any method tending to cause segregation or separation of the aggregates will not be permitted.
REINFORCEMENT STEEL:
 4. Reinforcement steel shall have a minimum yield strength of 60,000 PSI and conform with material specifications for reinforcing bars, ASTM A615 (U.N.O.); see manual of standard practice, Concrete Reinforcing Steel Institute.
 5. Welded wire fabric shall conform to ASTM A185.
 6. All rebars shall be securely tied and held in place with a minimum concrete protection cover to all steel as follows:
 Walls, Columns, Beams, and Pilasters
 Slabs
 Footings
 7. Reinforcing steel bends shall be made as per diagram, and/or in accordance with A.C.I. Code.
 8. Lap all splices as specifically called for, but at least 36 bar diameters (12 in. minimum), unless otherwise noted. Lap all splices in masonry reinforcement a minimum of 48 bar diameters.
STRUCTURAL STEEL:
 9. All structural steel, except columns, shall conform to ASTM A36 standard, as outlined in the AISI Manual of Steel Construction, which contains the specifications for the design, fabrication, and erecting of structural steel buildings, and the Code of Standard Practice, latest edition. Tube columns shall conform to ASTM A500 Grade B.
 10. All bolts for structural steel joint fasteners shall be 1/2" high strength structural bolts, ASTM A325, Torque Control (Tension Set), unless otherwise noted.
OPEN WEB STEEL JOIST:
 11. Only the standards of the Steel Joist Institute will be acceptable. The manufacturer's design and method of fabrication must have been checked by and be acceptable to the Steel Joist Institute.
 12. Joist bridging shall be the size and spacing required by the Steel Joist Institute.
 13. All open web steel joists shall be handled and erected in accordance with the Steel Joist Institute's recommendations.
FOUNDATION DESIGN:
 14. Foundations were designed using a maximum earth bearing pressure of 2,000 PSF. This value shall be field verified.
DESIGN LIVE LOADS:
 ROOF ----- 30 PSF
 WIND AS PER KY. BLDG. CODE
 2ND FL CORRIDORS ----- 80 PSF
 2ND FL ASSEMBLY AREAS ----- 80 PSF
 2ND FL SLEEPING ROOMS ----- 50 PSF
SNOW DESIGN DATA:
 P_g ----- 15 PSF
 I ----- 1.0
WIND DESIGN DATA:
 V ----- 70 MPH
 EXPOSURE GROUP ----- C
EARTHQUAKE DESIGN DATA:
 A_s ----- .07
 EXPOSURE GROUP ----- 1
 PERFORMANCE CATEGORY ----- 2
 SOIL PROFILE TYPE ----- S
 STRUCTURAL SYSTEM ----- REINFORCED MASONRY
 SEISMIC RESISTING SYSTEM ----- REINFORCED MASONRY SHEAR WALLS
 R ----- 3.5
 ANALYSIS ----- ELLFP

NOTE TO CONTRACTOR:
 The contractor shall coordinate the Structural Drawings with the Architectural, Mechanical, and Electrical Drawings and make certain all pipes, sleeves, ducts, inserts, and openings are located and in place before each concrete pour. The Contractor shall verify all dimensions shown on the Structural Drawings with dimensions shown on the Architectural Drawings.
 The Contractor shall check and approve, with reasonable promptness, shop drawings and schedules for coordination of details, sizes, listing tolerances, and dimensions. The Contractor shall stamp or sign these drawings and schedules with his approval and then submit them to the Architect for review.

REVISIONS:
 1. RECORD DRAWINGS 5-28-02

These Record Drawings have been prepared based on information provided by others. The Design Professional has not verified the accuracy and/or the completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result.