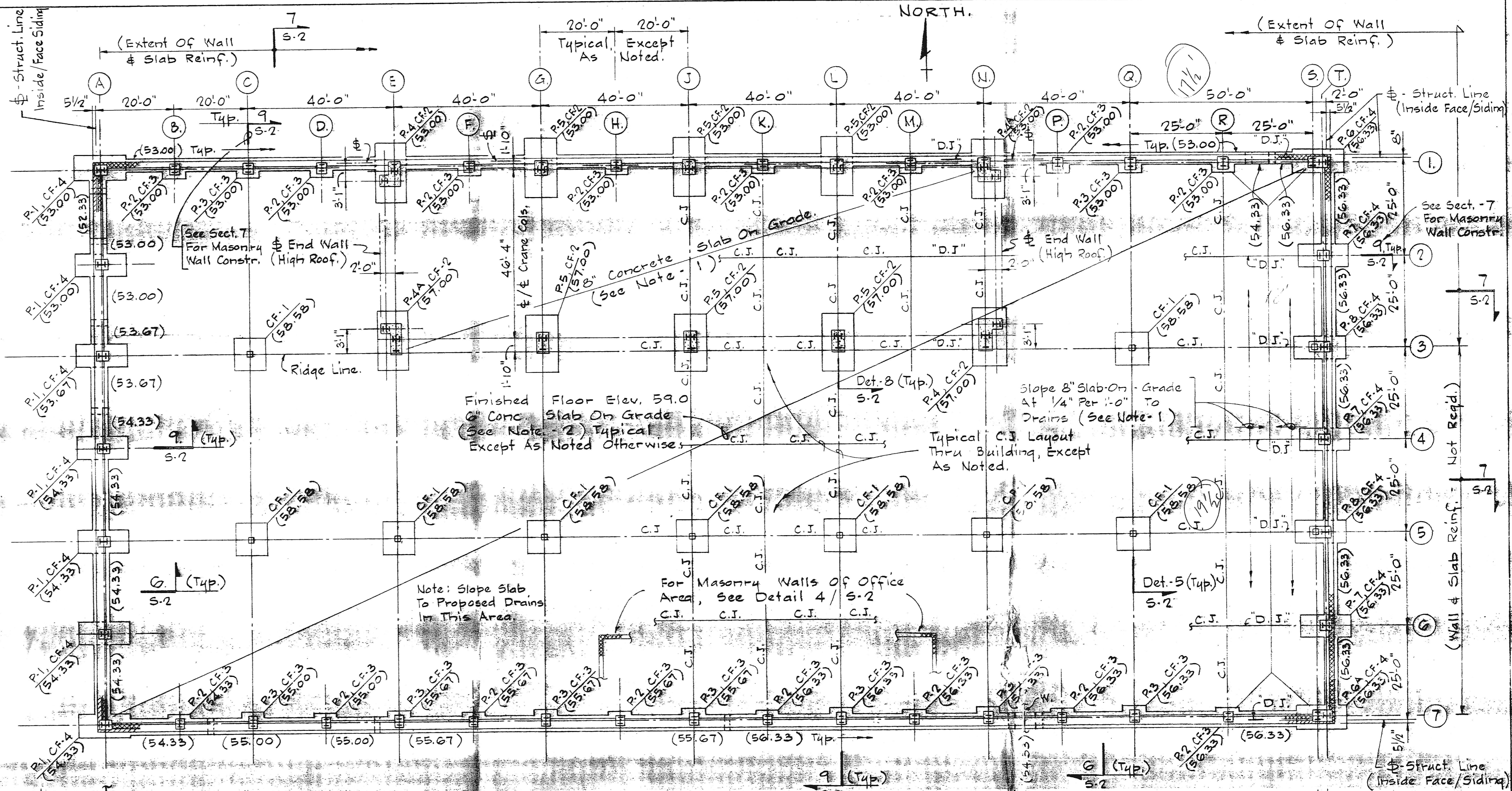


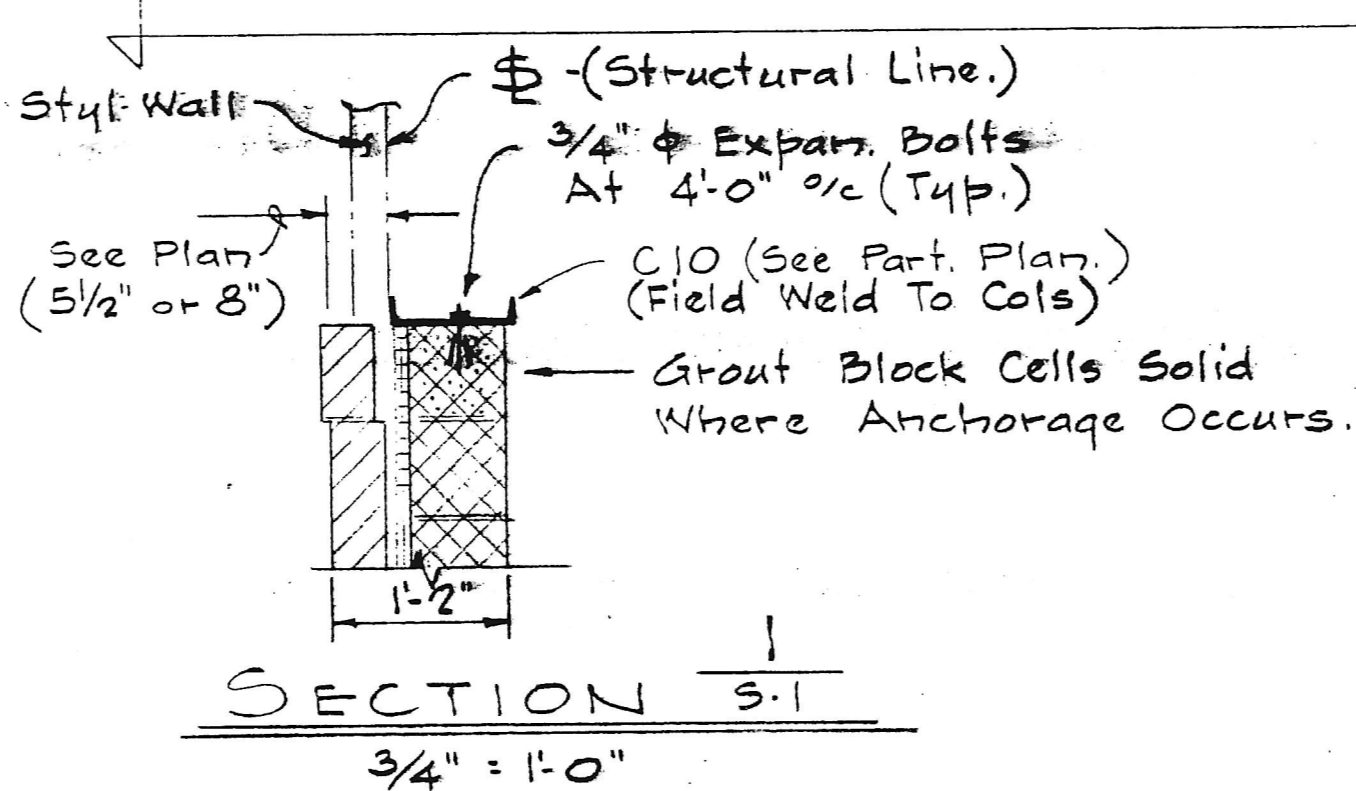
GENERAL NOTES

- CODE
 - ALL CONSTRUCTION SHALL CONFORM WITH THE PROVISIONS OF THE 1978 BOCA CODE, AND ITS SUPPLEMENTS.
- DESIGN LIVE LOADS
 - THE MINIMUM DESIGN LIVE LOADINGS FOR ALL NEW FRAMING IS AS FOLLOWS:
ROOF LIVE LOAD - 33 PSF
THE CONTRACTOR IS CAUTIONED AS TO NOT STORE ANY CONSTRUCTION MATERIALS OR UNDERTAKE ANY CONSTRUCTION OPERATION WHICH WILL EXCEED THE DESIGN LIVE LOAD CAPACITIES NOTED.
- GENERAL
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE LOCATION OF ANY UTILITIES IN THE IMMEDIATE VICINITY OF CONSTRUCTION SO AS TO PREVENT DAMAGE TO THEM. SHOULD ANY DAMAGE TO SUCH UTILITIES OCCUR THE CONTRACTOR SHALL BE REQUIRED TO REPAIR SUCH DAMAGE AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER.
- FOUNDATIONS
 - ALL FILL UNDER FOOTINGS AND SLABS SHALL BE COMPACTED TO A DRY DENSITY OF AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY AASTM T-188.
 - ALL EXCAVATION, BACKFILLING, AND FILLING OPERATIONS BENEATH THE BUILDING SLAB AND FOUNDATIONS, AND ALL COMPACTION TESTS AND INSPECTION, SHALL BE DONE UNDER THE DIRECTION AND SUPERVISION OF A REGISTERED PROFESSIONAL SOILS ENGINEER. ALL SOIL, EQUIPMENT AND PROCEDURES SHALL BE APPROVED BY THE SOILS ENGINEER PRIOR TO ALL EARTHWORK OPERATIONS.
 - ALL FOOTINGS HAVE BEEN DESIGNED FOR AN ASSUMED NET SOIL BEARING PRESSURE OF 4000 PSF. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE SERVICES OF A GEOTECHNICAL ENGINEER FOR FIELD VERIFICATION OF THE ASSUMED SOIL BEARING PRESSURES. SHOULD THE SOIL BEARING PRESSURE BE FOUND TO BE LESS THAN 4000 PSF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- CAST-IN-PLACE CONCRETE
 - ALL CONCRETE WORK SHALL CONFORM TO ALL PROVISIONS OF THE "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301-72 REVISED 1975), AND TO THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-77).
 - ADDITIONALLY THE CONCRETE SHALL CONFORM TO ALL PROVISIONS OF THE FOLLOWING PUBLICATIONS:
 - ACI 305-72 RECOMMENDED PRACTICE FOR HOT WEATHER CONCRETING
 - ACI 306-66 RECOMMENDED PRACTICE FOR COLD WEATHER CONCRETING
 - ACI 347-68 RECOMMENDED PRACTICE FOR CONCRETE FORMWORK
 - ALL CONCRETE UNLESS NOTED OTHERWISE, SHALL BE STONE AGGREGATE CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE AN AIR ENTRAINMENT OF 5% ± 1% NO ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL BE PERMITTED. MAXIMUM AGGREGATE SIZE FOR CONCRETE SHALL BE 1", AND MAXIMUM SLUMP SHALL BE 4" AND 2 1/2" FOR SLABS ON GRADE. ALL CONCRETE EXCEPT FOOTINGS SHALL CONTAIN A WATER REDUCER.
 - ALL CONCRETE MIX DESIGNS AND ADMIXTURES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INITIATION OF ANY POURS.
 - ALL REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
 - SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR ANY DEPRESSIONS OR SLOPING OF SLABS NOT SHOWN.
 - ALL CONCRETE FILL FOR METAL PAN STAIRS AND MASONRY WALLS SHALL BE PEA GRAVEL CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 1000 PSI AT 28 DAYS. MAXIMUM SIZE OF AGGREGATE SHALL BE 1/2".
 - FLOOR SLABS SHALL BE PLACED TO A CLOSE TOLERANCE, THAT IS HAVING MAXIMUM AMPLITUDE OF 1/8" IN 10 FEET IN ANY DIRECTION. FLOOR SLABS SHALL RECEIVE THE FOLLOWING FINISHES:
 - WAREHOUSES SLAB - SLAB SHALL BE SCREED, FLOATED AND ST. TROWELED TO A SMOOTH, DENSE, AND PLANE SURFACE.
 - AREAS TO RECEIVE TRUCK TRAFFIC - SLAB SHALL BE STEEL TROWELED TO A SMOOTH, DENSE SURFACE AND GIVEN A FINAL LIGHT BROOK FINISH.
- MASONRY
 - ALL EXTERIOR WALLS AND ALL WALLS SUPPORTING LOADS OTHER THAN THEIR OWN WEIGHT SHALL BE CONSTRUCTED OF LOAD BEARING UNITS.
 - HOLLOW LOAD BEARING BLOCK SHALL CONFORM TO ASTM C-90, TYPE N-1.
 - ALL MASONRY WALLS SHALL BE REINFORCED WITH TRUSS TYPE DUR-O-WAL SPACED VERTICALLY AT 16" O.C. U.N.O. PROVIDE CORNER AND TEE PIECES AT ALL INTERSECTIONS. LAP ALL DUR-O-WAL SPACING MINIMUM.
 - ALL FILL FOR MASONRY WALLS SHALL BE PEA GRAVEL CONCRETE OR GROUT CONFORMING TO A.S.T.M. C476 FILL SHALL BE PLACED IN 5'-0" MAXIMUM LIFTS.
 - ALL WALLS SHALL BE LAID WITH FULL FACE AND SHELL BEDDING AND WITH EITHER TYPE M OR S MORTAR UNLESS NOTED OTHERWISE.
 - ALL MASONRY WALLS SHALL BE BRACED UNTIL SLAB ON GRADE IS COMPLETED.
- STRUCTURAL AND MISCELLANEOUS STEEL
 - ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO THE EIGHTH EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND ALL ITS SUPPLEMENTS, AND TO THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".
 - ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A-36 HAVING A MINIMUM YIELD STRENGTH OF 36,000 PSF.
 - ALL WELDED CONNECTIONS SHALL BE DONE WITH E70XX ELECTRODES. ALL BOLTED CONNECTIONS SHALL USE 3/4" Ø ASTM A325N HIGH STRENGTH BOLTS. ALL BEAM CONNECTIONS SHALL DEVELOP THE FULL UNIFORM LOAD CAPACITY THE MEMBER CAN CARRY WITH DUE CONSIDERATION TO CONCENTRATED LOADS AT THE ENDS OF THE MEMBER. NO CONNECTION SHALL BE MADE USING LESS THAN TWO BOLTS.
 - ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH AN APPROVED CORROSION RESISTANT PRIMER.
- MISCELLANEOUS
 - THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - THE FOLLOWING LINTELS SHALL BE PROVIDED OVER ALL MASONRY OPENINGS INCLUDING DOORS, WINDOWS, DUCTS, LOUVERS RECESSES AND ALL OTHER UNLESS SHOWN OR NOTED OTHERWISE ON STRUCTURAL OR ARCHITECTURAL DRAWINGS FOR SPANS UP TO 4'-0" CLEAR - 1-L4"x3 1/2" X 5/16", OR 1-8"x4" MASONRY OR PRECAST LINTEL W/1-#4 T&B FOR EACH 4" THK. OF MASONRY WALL. FOR SPANS 4'-0" TO 6'-0" CLEAR - 1-L5"x3 1/2" X 5/16" OR 1-8"x4" MASONRY OR PRECAST LINTEL W/1-#5 T&B FOR EACH 4" THK. OF MASONRY WALL.
 - CONSULT THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR VERIFICATION OF LOCATION AND DIMENSIONS OF CHASES, INSERTS, OPENINGS, SLEEVES, WASHERS, DRIPS, REVEALS, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS.



GROUND FLOOR & FOUNDATION PLAN

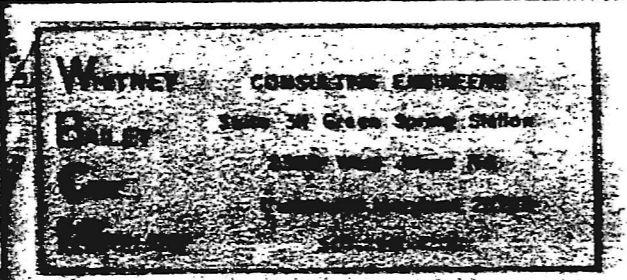
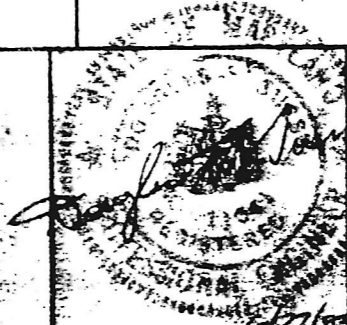
1/16" = 1'-0"



PARTIAL PLAN - TOP OF MASONRY WALL

1/16" = 1'-0"

- Note - 1
8" Concrete Slab On Grade, Reinf. W/G" x G" - #2/#2 W.W.F. OR #4 @ 14" O.C. E.W.
Place Slab On 4 Mil. Vapor Barrier On 8" Sub-Base Material
On Well Compacted Sub-Grade.
- Note - 2
6" Concrete Slab On Grade, Reinf. W/G" x G" - W4 x W4 W.W.F.
Place Slab On 4 Mil. Vapor Barrier On 6" Sub-Base Material
On Well Compacted Sub-Grade.
- Note - 3
Top Of Footing Elevations Shown On Foundation Plan Thus (-----)
- Note - 4
Concrete Curing Compound For All Slabs On Grade Shall Be "L & M Cure" As Manuf. By L & M Construction Chemicals Inc. On All Concrete Floor Surfaces In The Warehouse Area, Provide Epoxy Sealer/Paint As Approved By The Owner.



MONARCH MOLDERS CO. BLOG
RIVERSIDE, HARFORD CO. MD.

GROUND FLOOR & FOUNDATION PLAN
6/28/83

S-1
OF 2

MONARCH MOLDERS INC.
JUN 29 1983
DAYTON, OHIO