

GENERAL NOTES

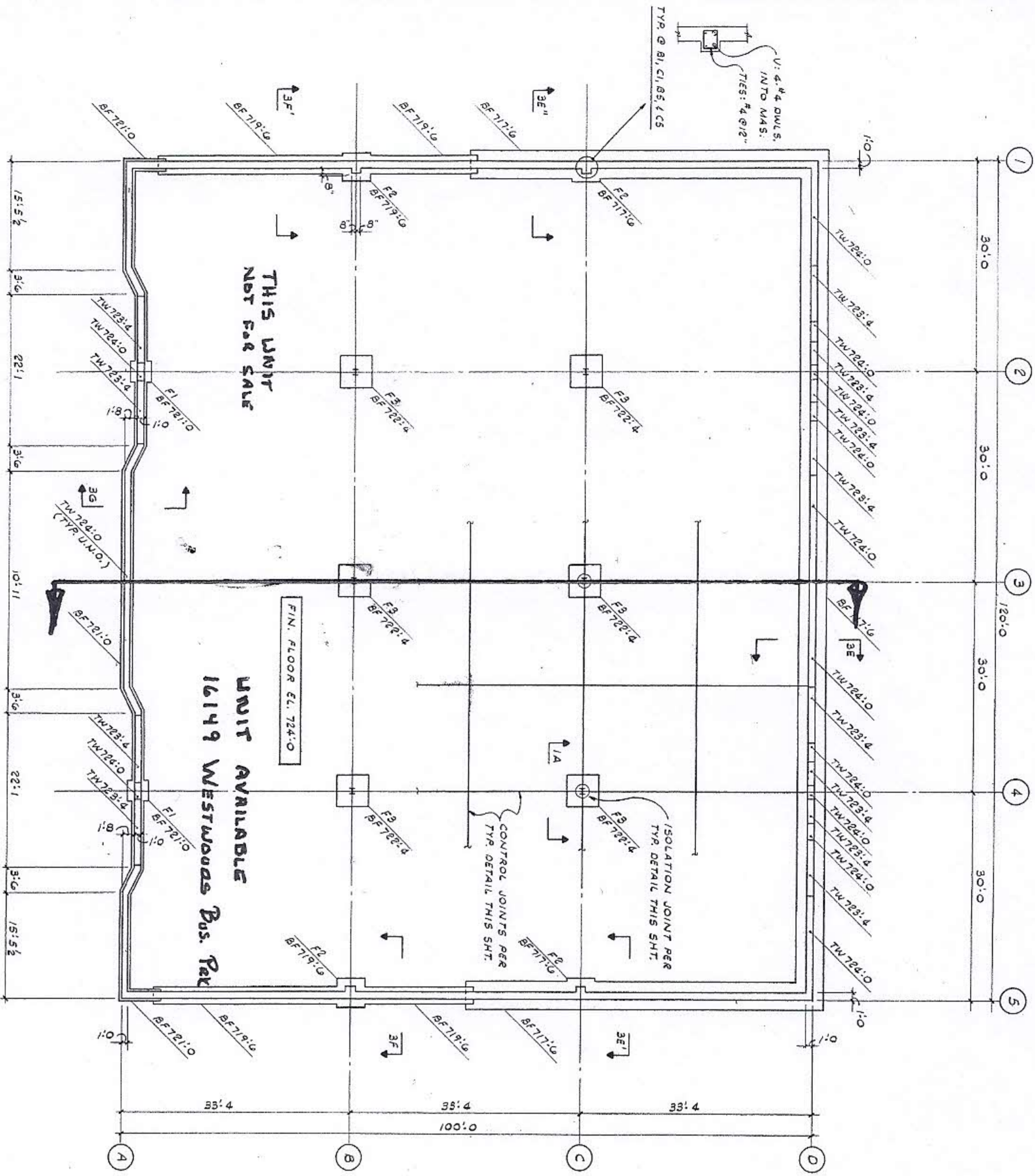
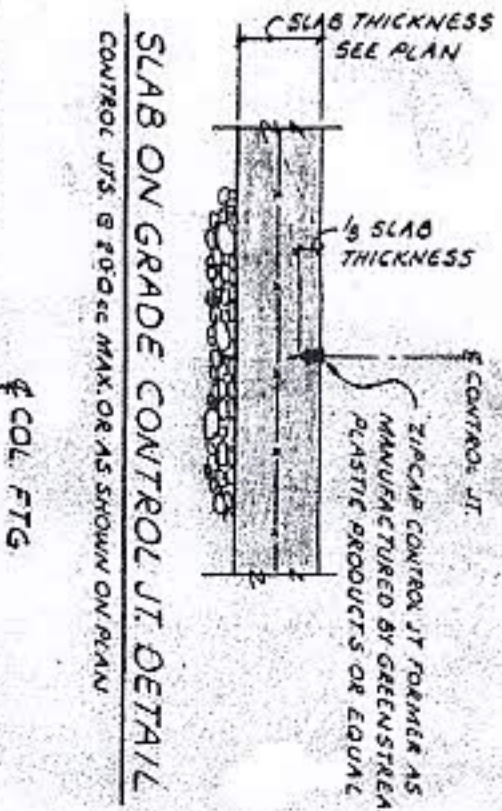
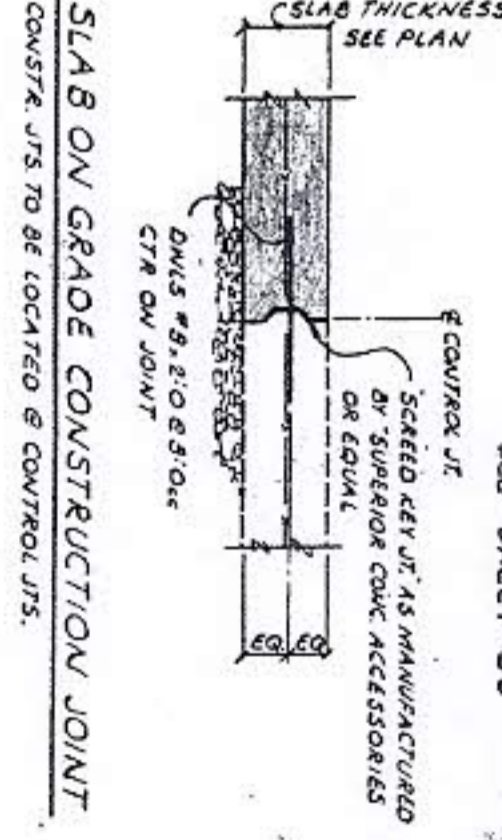
1. IN FIELD LAYOUT AND SHOP DETAILING, THE CONTRACTOR MUST VERIFY AND CORRECT DIMENSIONS ON ARCHITECTURAL, MECHANICAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
2. FOUNDATIONS:
 1. Footings have been proportioned for a maximum bearing pressure of 2500 P.S.F. For wall FTG. & 3000 P.S.F. FOR COL. FTGS.
 2. Footings must extend 2'-6" below finished grade, and are to bear on undisturbed soil or engineered compacted fill.

CONCRETE

1. ALL CONCRETE CONSTRUCTION TO CONFORM TO ACI "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" ACI 318-88 W/ A MIN. 28-DAY COMPRESSIVE STRENGTH OF 3000 P.S.I.
2. Reinforcing bars shall conform to ASTM A615 grade 60 steel, unless noted otherwise.
3. All detailing, fabrication and placement of bars and their support in the forms with accessories, unless noted otherwise, must follow the ACI "Manual of Standard Practice for Detailing Reinforced Concrete Structures" (ACI 315 Series).
4. Concrete cover over main reinforcing shall be as follows: Footings and drilled piers 3", columns and beams 2", solid slabs 1", joists 1", hollow 2" where exposed to weather or ground and 1" for interior surfaces.
5. All bars in walls and grade beams and temperature bars in slabs shall lap a minimum of 24 diameters (1'-6" min.). See plan for special requirements for beams, columns, etc. Any splice of bars other than shown on plans must have prior approval of the Engineer.
6. Welded wire fabric mat lap a minimum of 1'-0". Mesh shall extend 1'-0" deep supporting beams and walls unless expansion joint is called for. Welded wire fabric shall be placed on top of all other bars, sleeves, conduits, etc.
7. Provide the following additional reinforcing unless called for on structural plans:
 - (A) 2-#5 bars each side of opening 1'-0" or larger in slabs and walls.
 - (B) Grout bars (2-#0 x 2'-0") in outer face of all concrete walls and grade beams to match size and spacing of bars in wall or beam.
 - (C) Walls, unless noted otherwise, #4 @ 12" or each way, each face and 2-#5 top and bottom.

8. Bolts in footings and drilled piers must be in position before placing concrete. Heating bars also heavily placed concrete is not acceptable.
9. When foundation walls span from ground floor to first floor, both ground floor slab and first floor slab must be in place before backfill is placed.
10. The architectural and mechanical drawings must be referred to for all floor and roof requirements such as stairs, outlet boxes, anchors, vent openings, etc. The way in which these items are shown on drawings will not be allowed in any concrete formwork unless they have been approved by the Engineer.
11. Electrical outlet boxes or anchors must not be placed in concrete joint construction where they interfere with reinforcing. Provide headers for this purpose or place in bridging row.
12. All structural steel must be protected by 3" of concrete where earth would otherwise be in contact with steel.

CONCRETE MASONRY
SEE SHEET 53



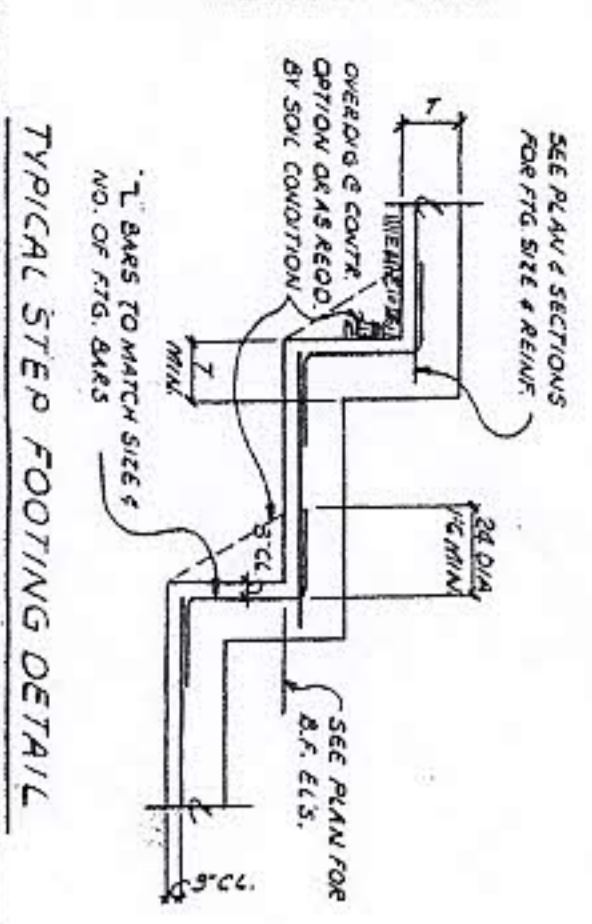
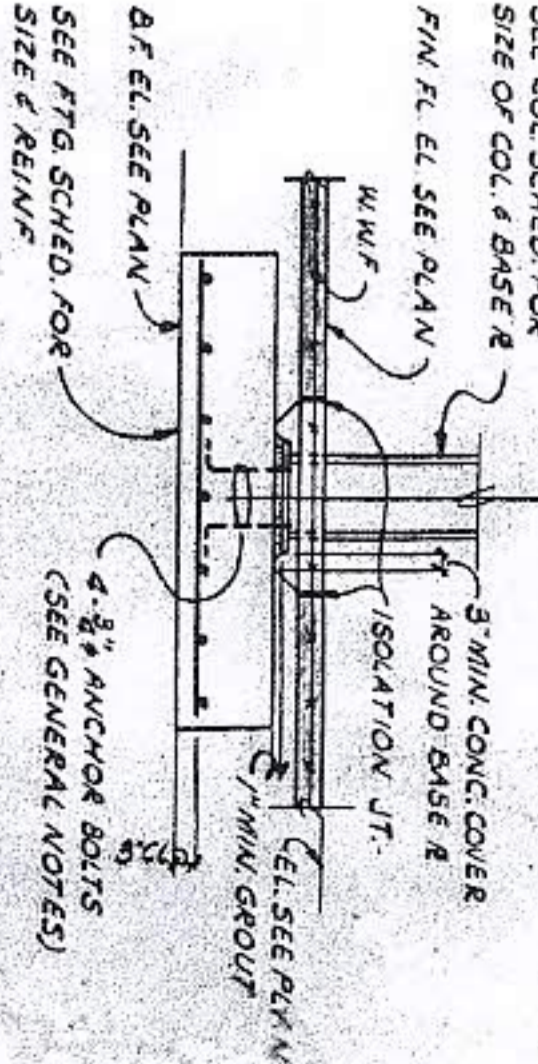
FOUNDATION PLAN 1/8" = 1'-0"

- NOTES:
1. FLOOR CONSTR: 5" CONCRETE SLAB ON GRANULAR FILL. REINFR. SLAB W/ 0.4% W.W.R., FIN. FLOOR EL. 724.0.

FOOTING SCHEDULE

MARK	SIZE	REINFR.
F1	3'-0" x 3'-0" x 1'-0"	6-#5 BOT.
F2	4'-0" x 4'-0" x 1'-0"	8-#5 BOT.
F3	5'-0" x 5'-0" x 1'-0"	10-#5 BOT.

TYPICAL INTERIOR ST. COL. FTG.



WEITZEL CONSTRUCTION CO.
807 WESTWOOD DRIVE
BALLWIN, MISSOURI 63011
394-9902

T.L. MADDOX BUILDING
16149 WESTWOODS BUSINESS PARK
ELLSVILLE, MISSOURI 63021