

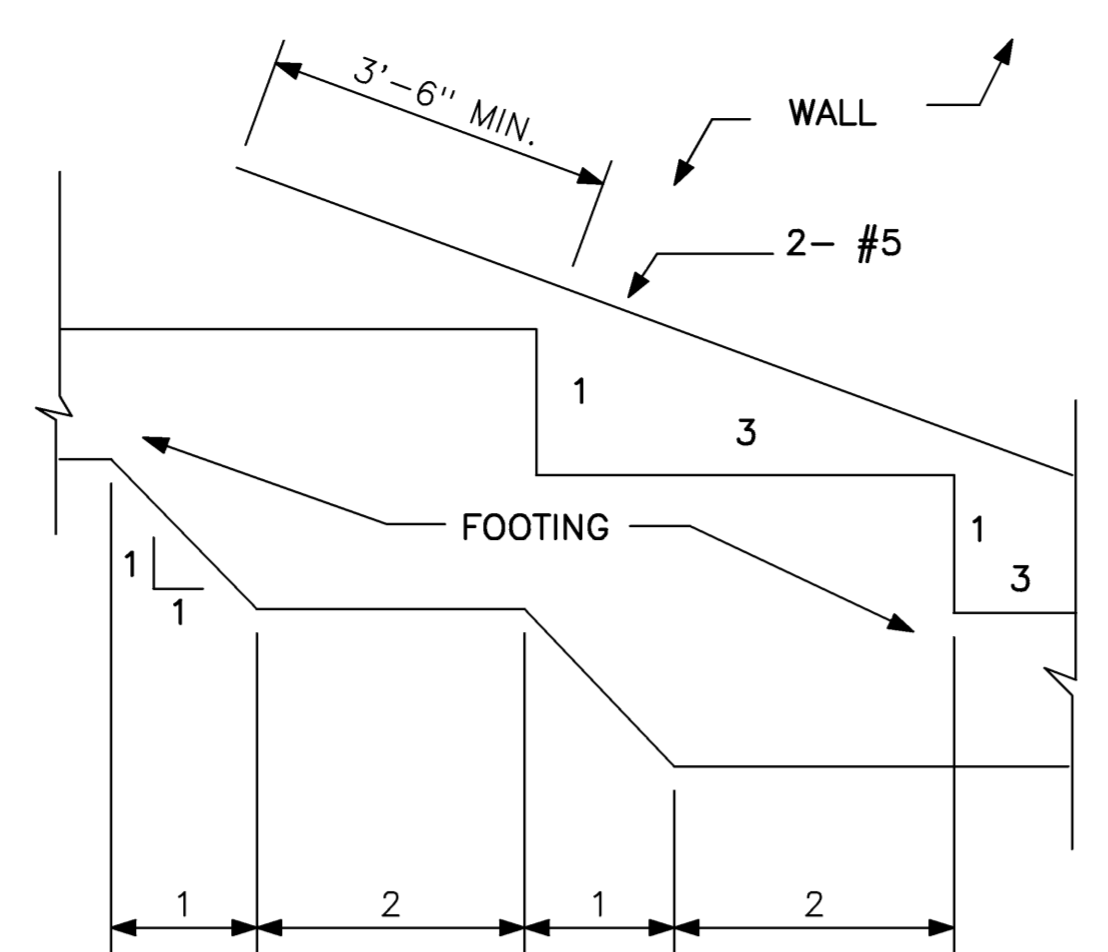
Project Title
**WOODARD & CURRAN
 OFFICE ADDITION**

PORTLAND, MAINE

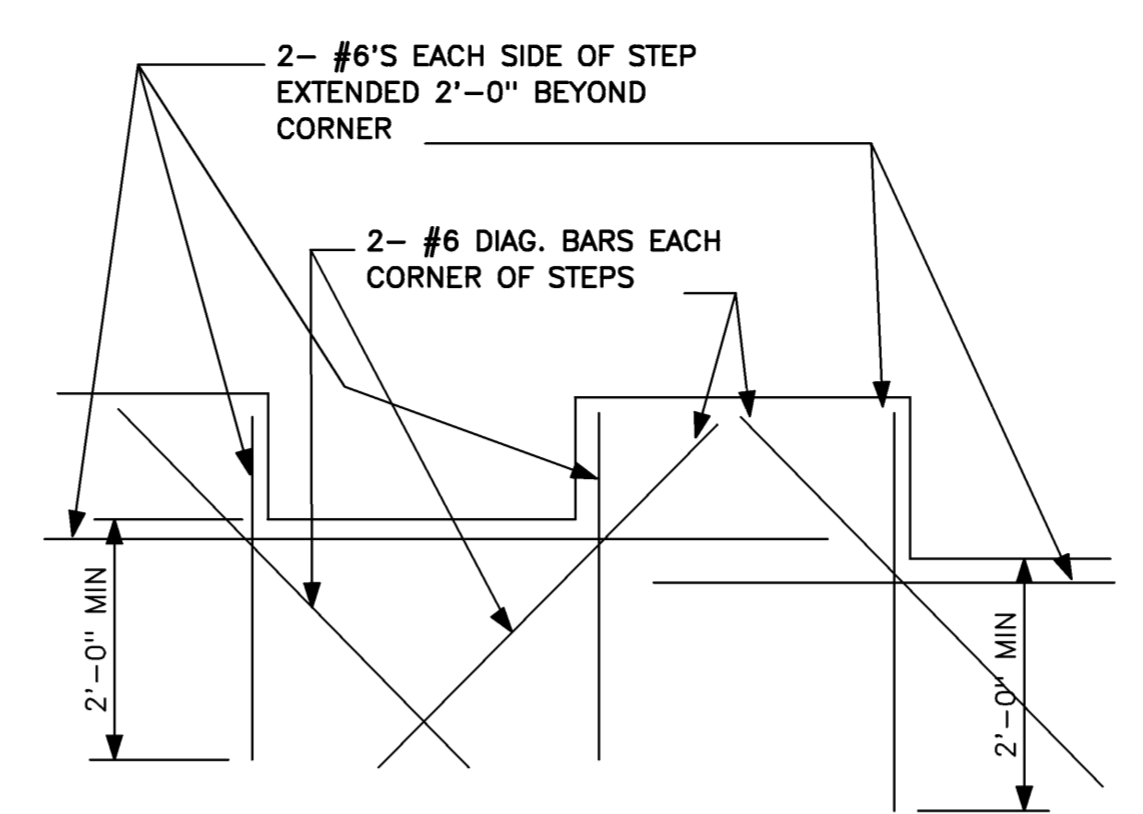
HA Project No. **05178**

Key Plan

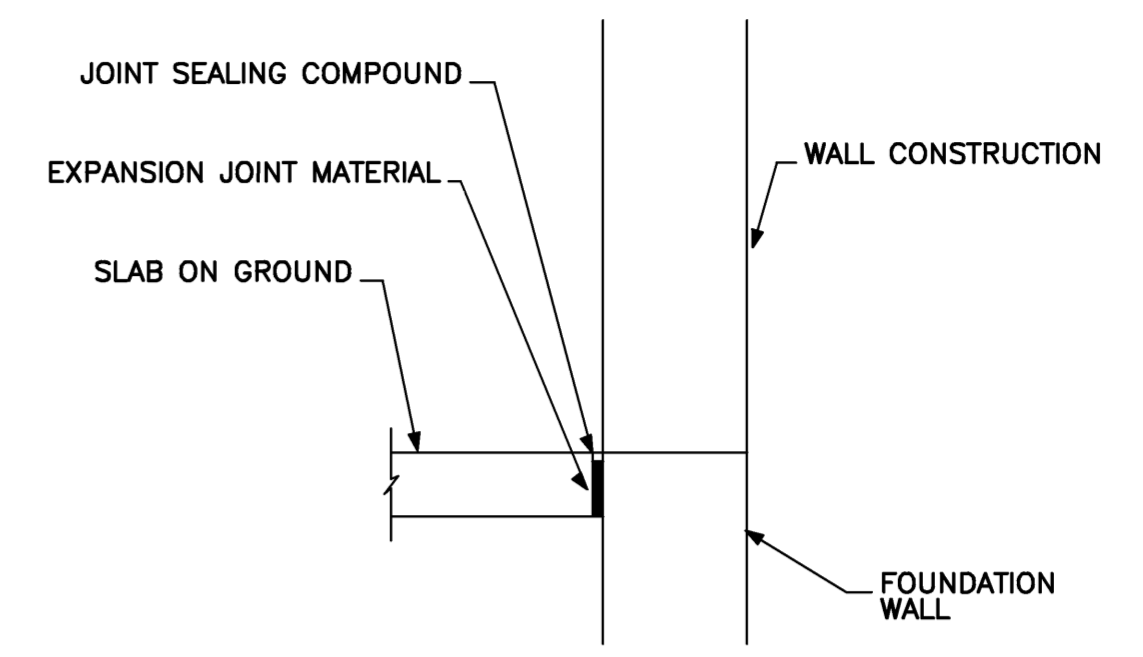
- SOIL BEARING**
1. WALL AND COLUMN FOOTINGS DESIGNED FOR AN ASSUMED SOIL BEARING OF 1500 PSF.
 2. IF ADEQUATE SOIL BEARING IS NOT ENCOUNTERED AT THE INDICATED BOTTOM OF FOOTING LOCATION, CONTRACTOR IS TO REPORT TO THE ARCHITECT BEFORE PROCEEDING WITH THAT PART OF THE WORK.
 3. ALL EXCAVATIONS FOR THE FOUNDATION SHALL BE APPROVED BY THE ARCHITECT BEFORE PLACING ANY CONCRETE FOOTING.



TYPICAL STEPPED FOOTING DETAIL C3
 NO SCALE REF: S10.1

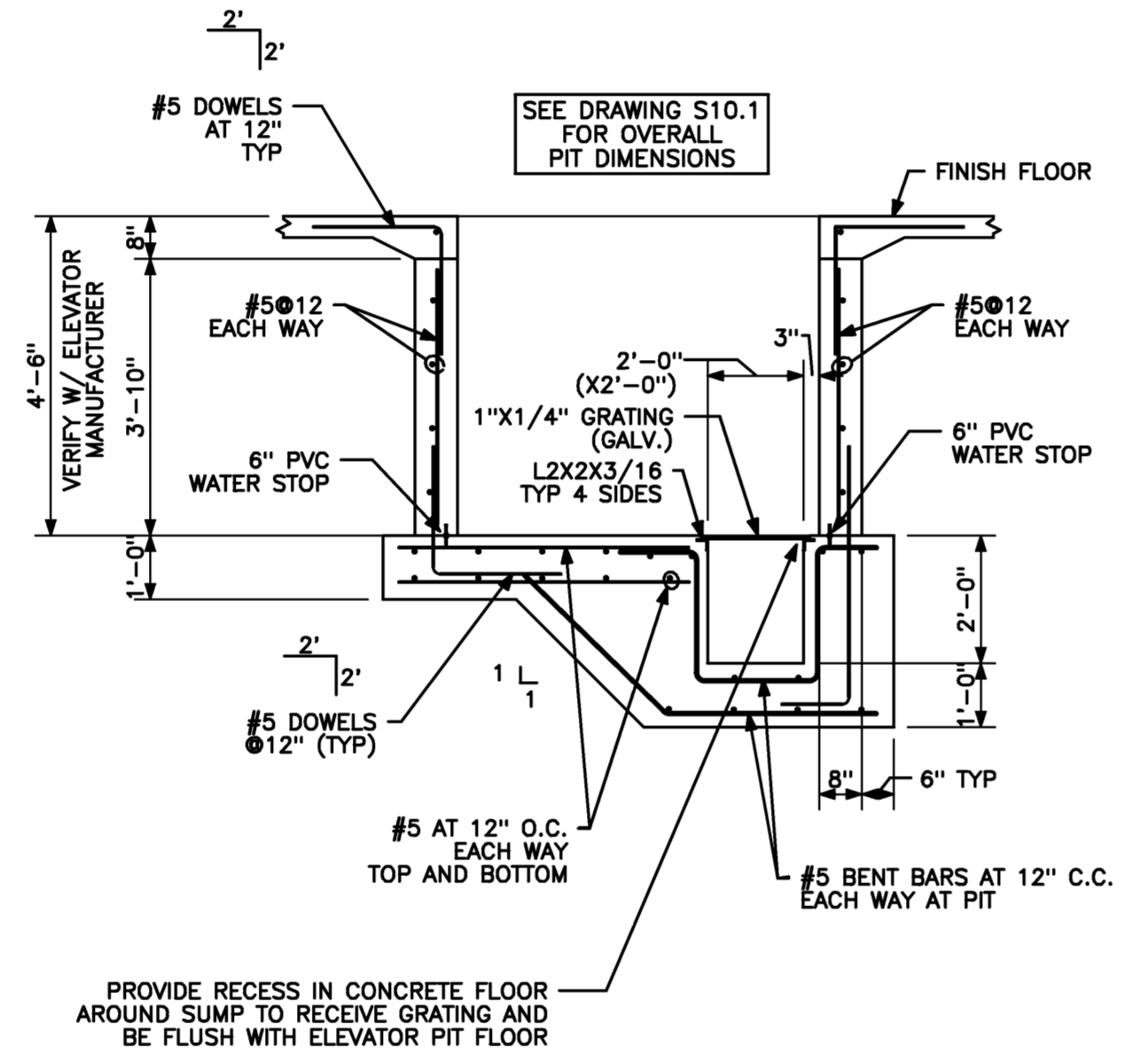


TYPICAL REINFORCING AT STEPS IN CONCRETE WALL C2
 NO SCALE REF: S10.1

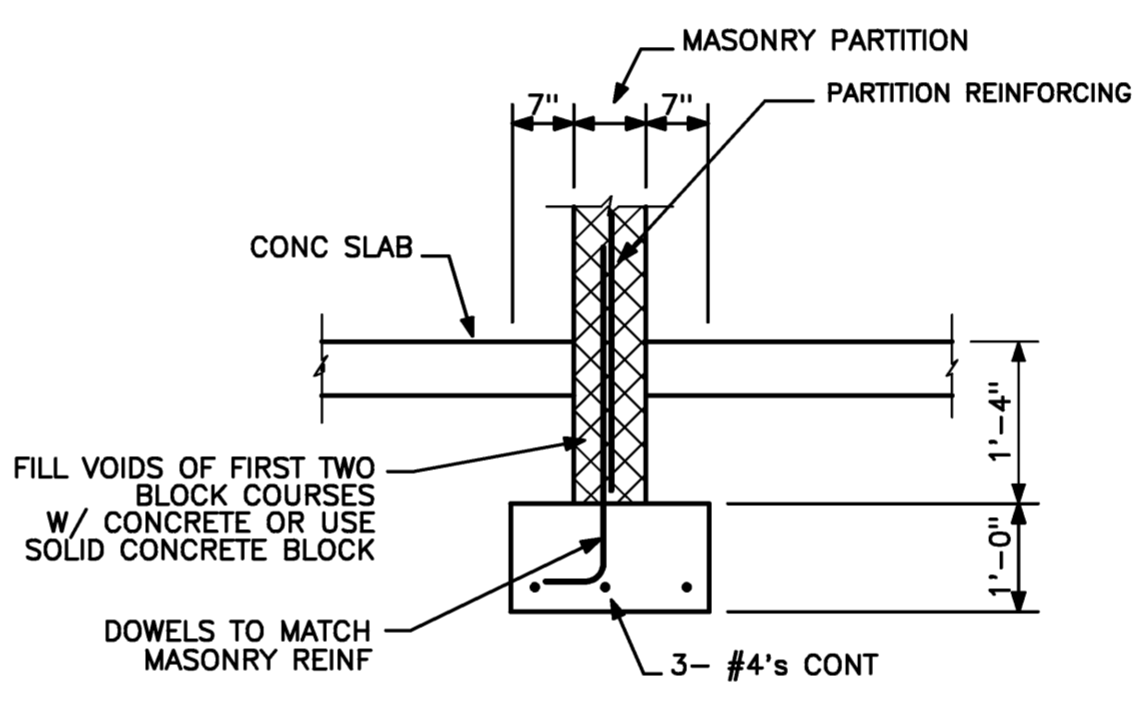


TYPICAL SLAB-ON-GRADE ISOLATION/EXPANSION JOINT DETAIL C1
 NO SCALE REF: S10.1

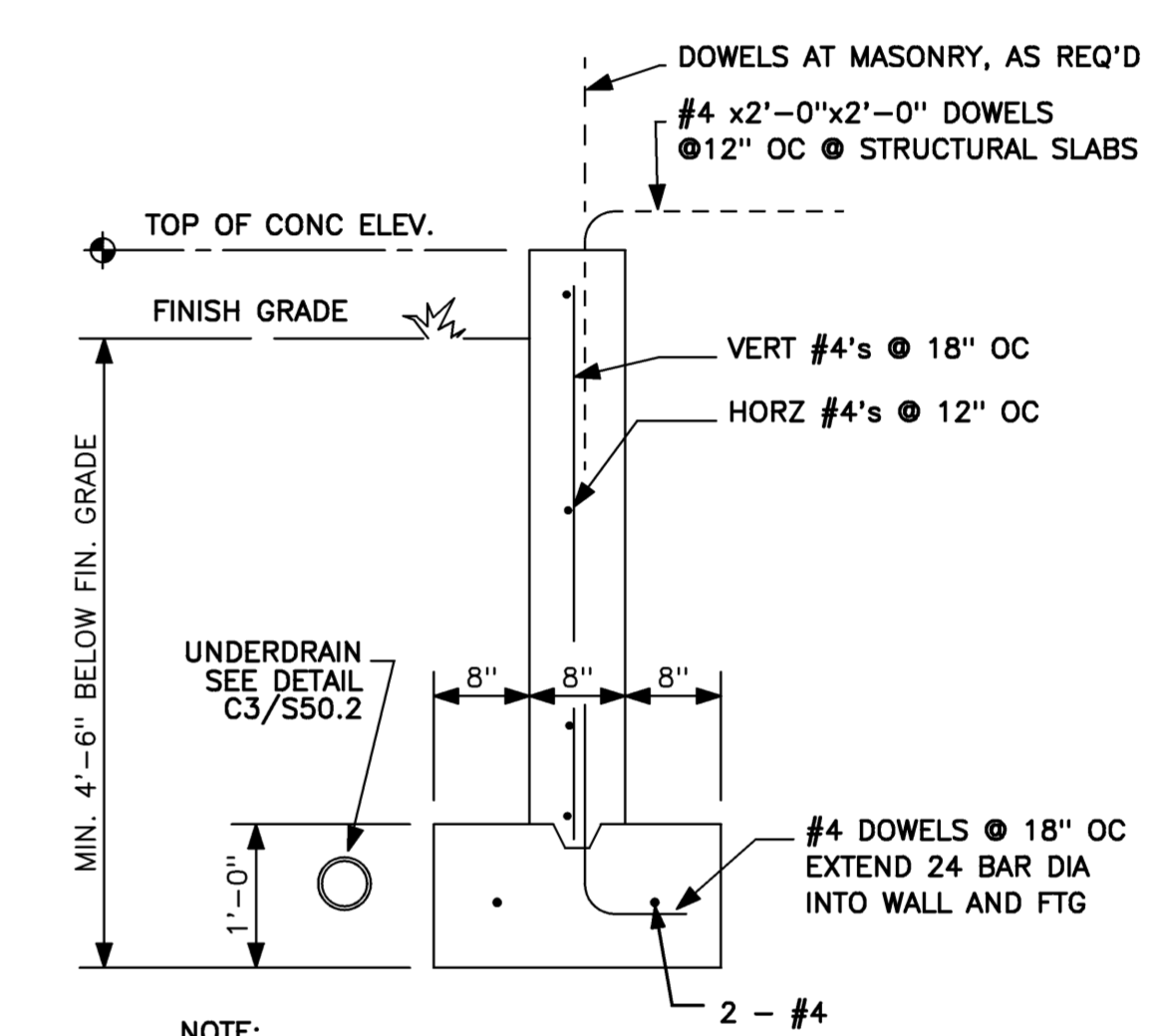
- CONCRETE**
1. STRENGTH OF CONCRETE AT 28 DAYS TO BE 3000 PSI; EXCEPT FOR: SLABS, BEAMS AND COLUMNS TO BE 3000 PSI AND EXTERIOR SLABS TO BE 4000 PSI.
 2. ALL EXTERIOR FOOTINGS TO BE MIN. 4'-6" BELOW FINISH GRADE. UNLESS BEARING ON LEDGE, WHERE 2'-0" MIN. COVER REQUIRED.
 3. TOP OF ALL FOOTINGS TO BE MIN. 8" BELOW BOTTOM OF FLOOR SLAB UNLESS INDICATED OTHERWISE.
 4. BOTTOM OF ALL FOOTINGS TO BE 2'-0" MIN. BELOW EXISTING GRADE.
 5. BOTTOM OF ALL FOOTINGS TO BE ON ADEQUATE SOIL BEARING.
 6. ALL SLABS ON FILL TO BE 4" THICK UNLESS SHOWN OTHERWISE.
 7. SLABS AND BEAMS UNDER CONCRETE WALLS SHALL BE ADEQUATELY SHORED UNTIL WALLS ARE SET.
 8. SEE SPECIFICATIONS FOR SPECIAL REQUIREMENTS FOR ARCHITECTURAL EXPOSED CONCRETE ANCHORING OF MASONRY TO CONCRETE WALLS AND COLUMNS AND CHAMFER OF EXTERNAL CORNERS OF CONCRETE BEAMS, ORDERS, COLUMNS, ETC.
 9. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR SIZE AND LOCATION OF DOOR FRAMES, THRESHOLDS, ETC., AND CONCRETE PADS, PIERS, PIPE SLEEVES, ETC.
 10. ALL WOOD NAILERS ON CONCRETE, OR MASONRY, TO BE ANCHORED WITH 1/2" DIA. ANCHOR BOLTS SPACED AT 2'-8" OC., AND EXTENDED 1'-0" INTO CONCRETE OR MASONRY.
 11. CONCRETE FILL FOR BEAM LINTEL BLOCKS, BOND BEAMS AND CONCRETE BLOCKS USED AS SOLID MASONRY UNITS TO BE CONCRETE TESTING 3,000 PSI AT 28 DAYS.



SECTION AT ELEVATOR PIT B3
 NO SCALE REF: S10.1



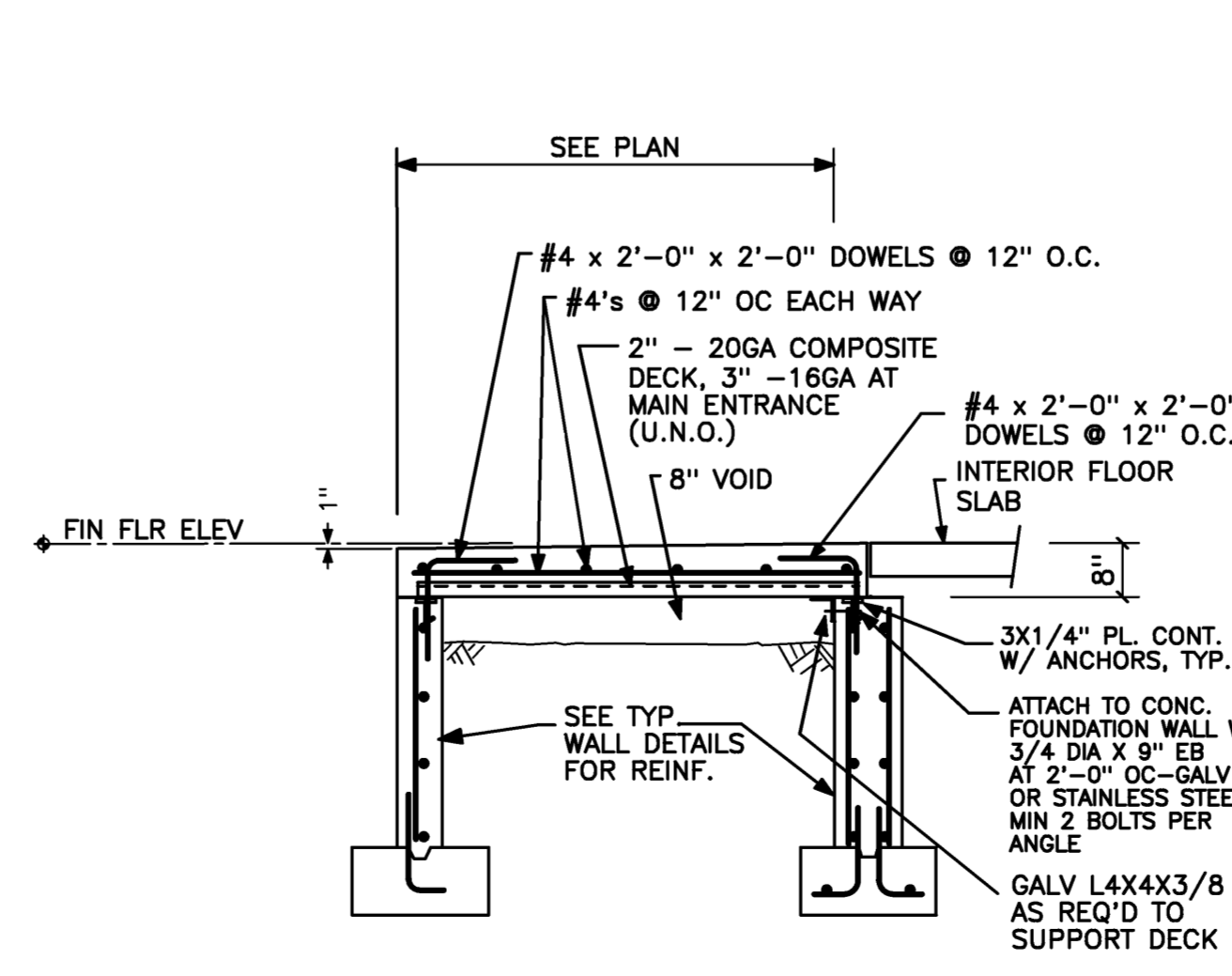
TYP PARTITION FOOTING DETAIL B2
 NOT TO SCALE REF: S10.1



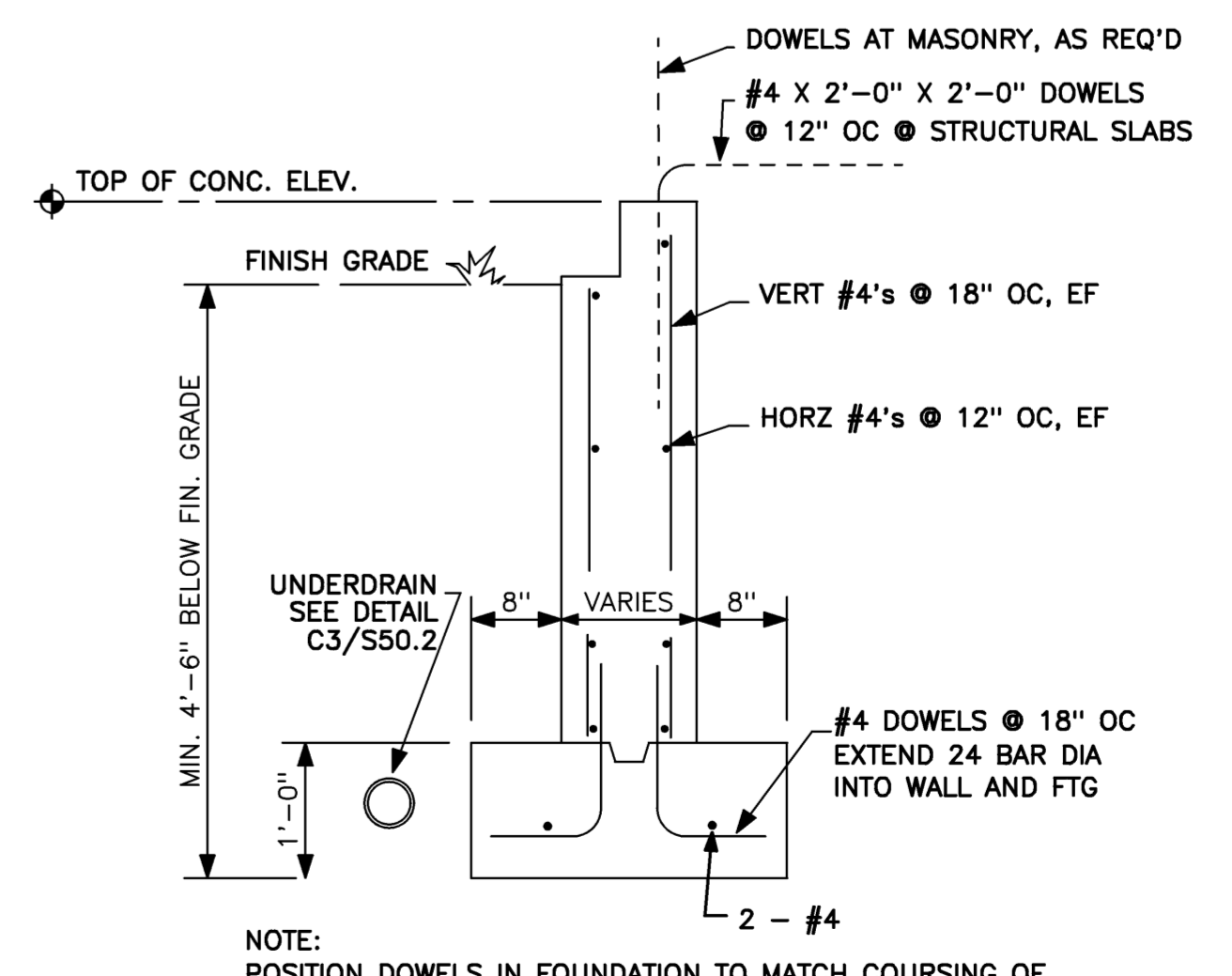
TYPICAL 8" FOUNDATION WALL B1
 NO SCALE REF: S10.1

- CONCRETE REINFORCING**
1. ALL REINFORCING STEEL TO BE ASTM-A615 GRADE 60, DETAILED AND FABRICATED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE" (ACI-315-LATEST).
 2. REINFORCEMENT TO HAVE MIN. CONCRETE COVER AS FOLLOWS:
 A. CONCRETE DEPOSITED AGAINST GROUND, INCLUDING FOOTINGS----- 3"
 B. CONCRETE EXPOSED TO EARTH OR WEATHER, INCLUDING WALKS, PIERS, WALLS, COLUMNS AND EXTERIOR SLABS---- 2"
 C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND
 i. SLABS, WALLS AND JOISTS----- 3/4"
 ii. BEAMS AND COLUMNS, TIES, STIRRUPS, REINFORCEMENT----- 1-1/2"
 3. TYPICAL WALL REINFORCEMENT UNLESS OTHERWISE INDICATED:
 6" THROUGH 9" WALL - #4 HORIZ. @ 9" AND #4 VERT. @ 18" - CTR.
 10" THROUGH 13" WALL - #4 HORIZ. @ 12" AND #4 VERT. @ 18" - E.F.
 14" THROUGH 16" WALL - #4 HORIZ. @ 10" AND #4 VERT. @ 18" - E.F.
 4. PROVIDE ADEQUATE KEYS AND DOWELS AT ALL WALL INTERSECTIONS AND CONSTRUCTION JOINTS.
 5. LAP ALL REINFORCEMENT 36 BAR DIAMETERS @ SPLICES, AND 12" MIN. AT CORNERS UNLESS SHOWN OTHERWISE.
 6. IN ADDITION TO TYPICAL WALL REINFORCING, PROVIDE 2 - #5 DIAGONAL RODS X 5'-0" LONG AT CORNERS AND STEPS OF OPENINGS, AND 2 - #5 HORIZ. & VERT. RODS EXTENDED 2'-0" BEYOND.
 7. AT ALL OPENINGS IN STRUCTURAL SLABS, PROVIDE ONE HALF THE NUMBER OF INTERRUPTED BARS PLACED ON EACH SIDE OF THE OPENING AND STAGGERED WITH OTHER SLAB BARS. PROVIDE #4 X 5'-0" LONG DIAGONAL BAR TOP AND BOTTOM AT EACH CORNER OF OPENING, UNLESS OTHERWISE SHOWN.
 8. PROVIDE DOWELS IN WALLS AND COLUMN FOOTINGS EQUIVALENT IN SIZE AND NUMBER TO VERTICAL STEEL EXTENDING 24 BAR DIA INTO FOOTING AND INTO WALL OR COLUMN UNLESS SHOWN OTHERWISE. LOWER END OF DOWELS SHALL HAVE 90° BEND WITH 4" MIN. HORIZONTAL DIMENSION AND ALL DOWELS SHALL BE SET IN PLACE BEFORE CONCRETE IS PLACED.
 9. DISCONTINUOUS ENDS OF ALL TOP REINFORCING BARS TO BE HOOKED.
 10. ALL CONCRETE WALLS ON LEDGE TO HAVE #8 DOWELS X 3'-0" LONG, GROUDED 1'-6" INTO LEDGE AND SPACED @ 3'-0" + o.c.
 11. ALL CONCRETE PIERS ON LEDGE TO HAVE 2 - #8 DOWELS X 3'-0" LONG, GROUDED 1'-6" INTO LEDGE.
 12. ALL 4" THICK CONCRETE SLABS ON FILL TO BE REINFORCED WITH FIBER REINFORCING, UNLESS SHOWN OTHERWISE.
 13. ALL CONCRETE SLABS, PADS, BEAMS AND PIERS SHALL HAVE REINFORCEMENT THAT WILL HAVE A MIN. RATIO OF REINFORCEMENT AREA TO GROSS CONCRETE AREA OF 0.0033 UNLESS OTHERWISE INDICATED.
 14. SET AND TIE ALL REINFORCING STEEL BEFORE PLACING CONCRETE. SETTING DOWELS AND REINFORCING STEEL INTO WET CONCRETE IS PROHIBITED.

TYPICAL STRUCTURAL NOTES A4
 NO SCALE REF: S10.1



TYPICAL STRUCTURAL SLAB ENTRANCE DETAIL A2
 NO SCALE REF: S10.1



TYPICAL 12"-18" FOUNDATION WALL A1
 NO SCALE REF: S10.1

Mark	Date	Description
- 05-15-06		ISSUED FOR CONSTRUCTION
- 03-14-06		FINAL REVIEW
- 02-03-06		DD REVIEW

Issue Dates

Drawing Status

Drawing Title
FOUNDATION NOTES AND DETAILS

PA / PE:	JCF	Drawn By:	SJF
Drawing Number			

S50.1