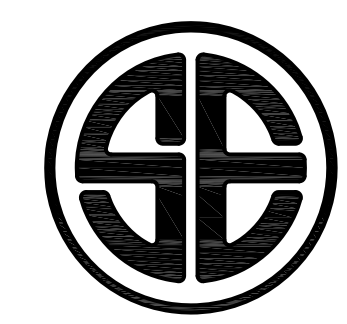


PENETRATE ALL PERIMETER GRADE BEAMS 12" MIN. INTO UNDISTURBED SOIL.

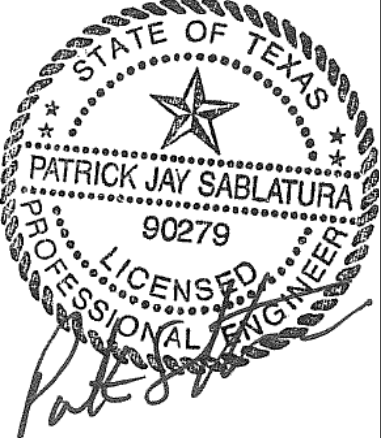
- 01
1. ENLARGED CLOSET BEDROOM #3.
  2. REMOVED ALL MASONRY LUGS.

**NOTE:**  
 BUILDER AND/OR CONTRACTOR IS RESPONSIBLE FOR ALL ARCHITECTURAL DIMENSIONS AND SHOULD VERIFY ALL DIMENSIONS WITH ARCHITECTURALS PRIOR TO SETTING FORMS. THESE PLANS ARE FOR THE LOCATION OF STRUCTURAL REINFORCEMENT, BEAM DEPTH AND BEAM LOCATIONS ONLY. REPORT ANY DISCREPANCIES TO THE ENGINEER. THE FORMS SHOULD BE BUILT USING THE ARCHITECTURAL PLANS - NOT THE ENGINEER'S PLAN. DO NOT SCALE PLAN.



**Synergetic Engineering**  
 P.L.L.C.

Complete Structural Design Services  
 11509 Autumn Ridge Drive  
 Austin, Texas 78759  
 (T) (512) 845-2760  
 (F) (512) 857-9559  
 www.SynergeticEngineering.com



04-21-09

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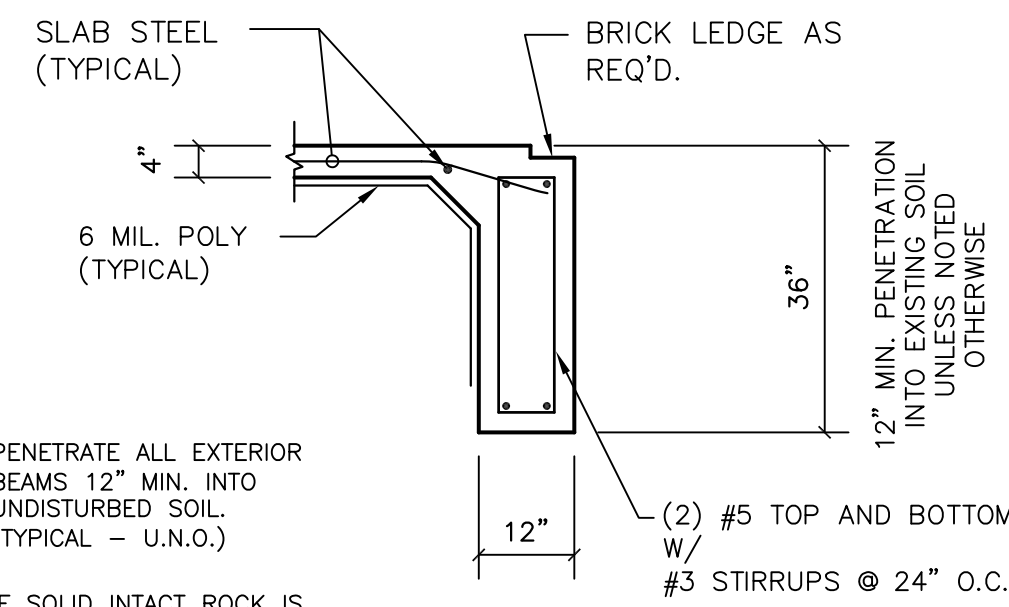
314 Madison Street  
 Elgin, Texas

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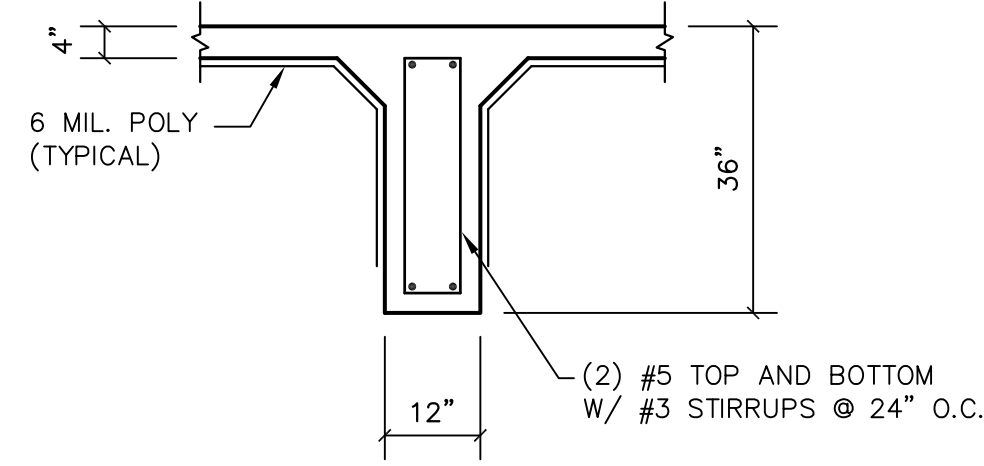
**FOUNDATION PLAN**

SCALE: 1/4"=1'-0"  
 ON PAGE SIZE:  
 ARCH 'D'  
 24" X 36"

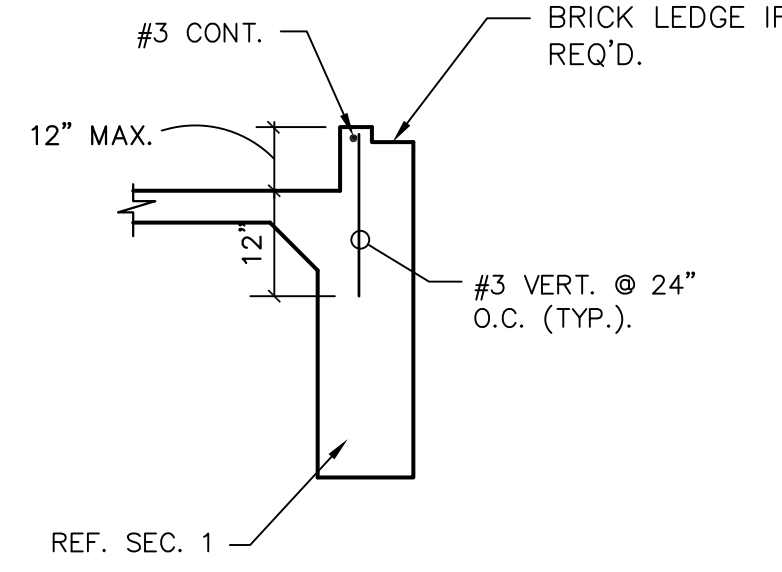
**S1.0**



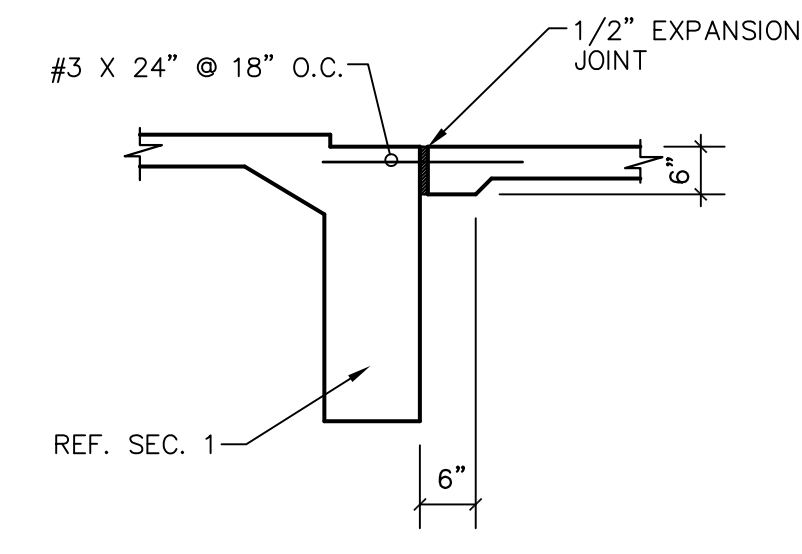
**SECTION 1**



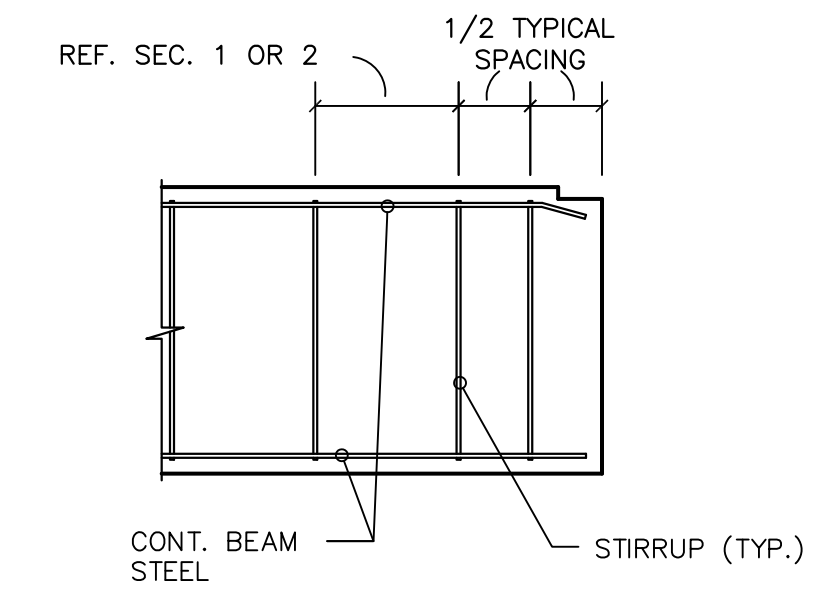
**SECTION 2**



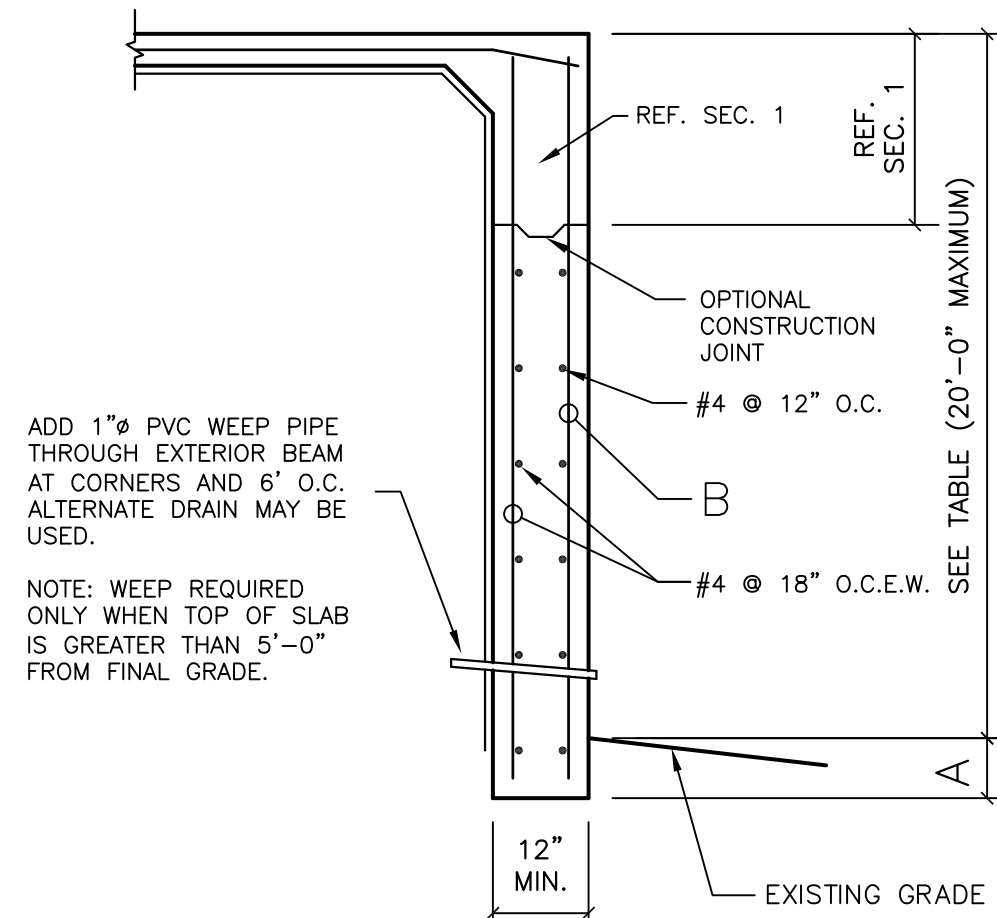
**SECTION 3**



**SECTION 4**

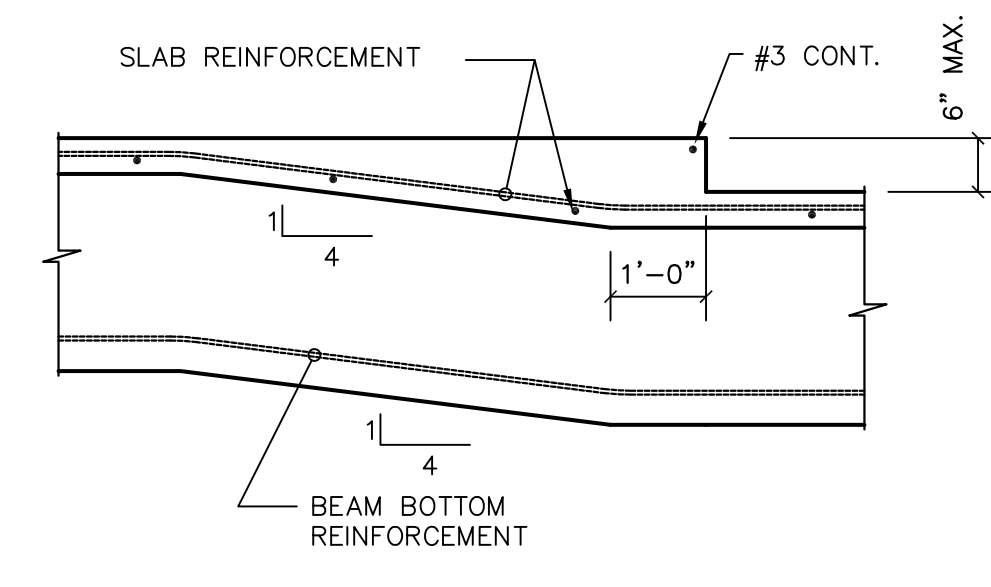


**TYPICAL GRADE BEAM ELEVATION**

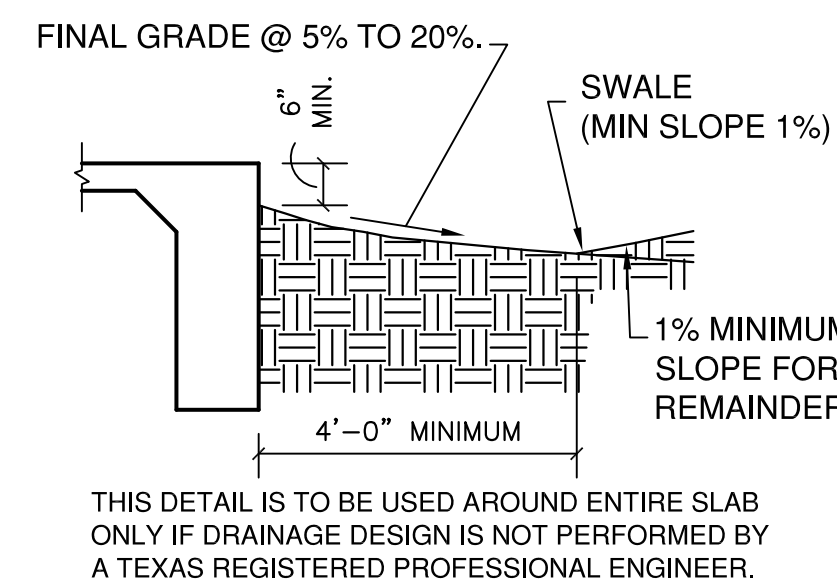


**EXTERIOR BEAM GREATER THAN 4'-0\"/>**

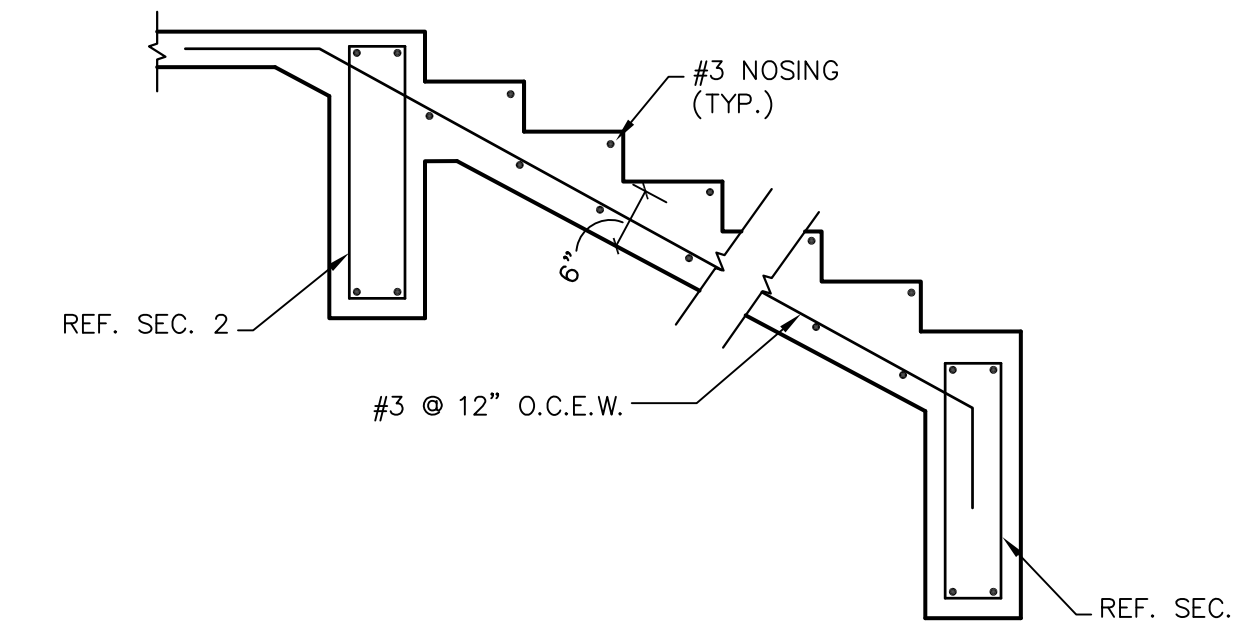
WALL HEIGHT	A	B
4'-1\"/>	18\"/>	#4 @ 18\"/>
6'-0\"/>	18\"/>	#4 @ 12\"/>
6'-1\"/>	18\"/>	#4 @ 12\"/>
12'-0\"/>	18\"/>	#6 @ 12\"/>



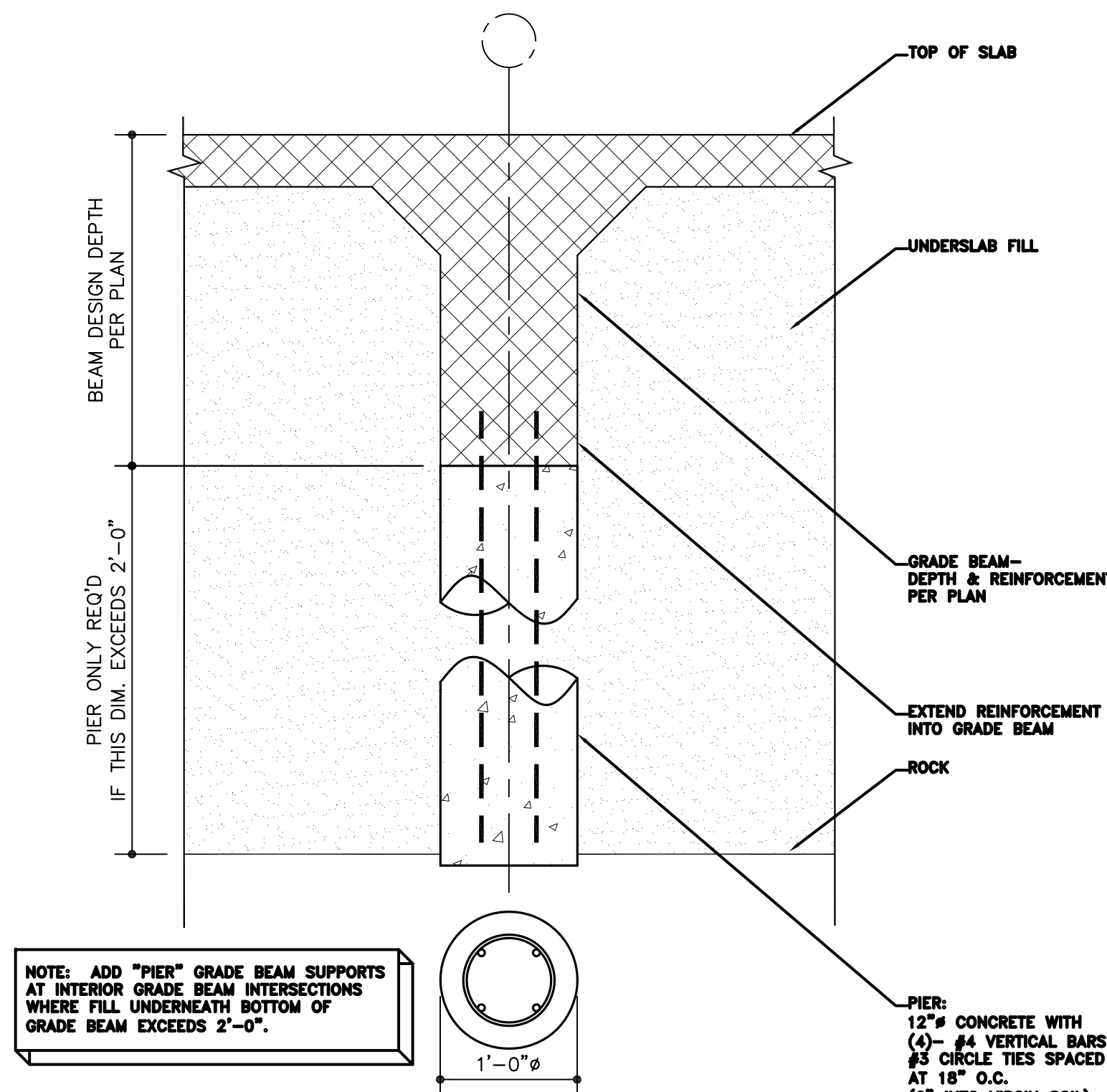
**TYPICAL DROP IN SLAB 6\"/>**



**TYPICAL FINAL GRADE DETAIL**



**SECTION 7**



**CONCRETE PIER DETAIL**

- GENERAL:**
- THE LATEST P.T.I. CRITERIA ALONG WITH THE LATEST A.C.I. CODE HAVE BEEN USED IN ESTABLISHING THE DESIGN REQUIREMENTS FOR THIS FOUNDATION. FOUNDATIONS CONSTRUCTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS WILL GENERALLY MEET THE REQUIREMENTS OF 2003 INTERNATIONAL BUILDING CODE AND STANDARDS OF GOOD ENGINEERING PRACTICE.
  - ALL DIMENSIONS ARE INTERPRETED FROM AND SHALL BE VERIFIED WITH THE ARCHITECTURAL DRAWINGS BY BUILDER AND BE COMPARED WITH ELECTRICAL, PLUMBING AND MECHANICAL DRAWINGS.
  - DO NOT SCALE PLAN. CONTACT ENGINEER FOR CLARIFICATIONS.
  - ENGINEER'S INSPECTION REQUIRED FOR:
    - CONCRETE PRE - POUR SETUP
  - SHOULD CONDITIONS ARISE THAT ARE NOT COVERED BY DETAILS ON THIS PLAN, CONTACT ENGINEER AT ONCE FOR ADDITIONAL INSTRUCTIONS.
- CONCRETE:**
- CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. SUBMITTAL OF MIX DESIGN REQUIRED.
  - CONCRETE SHALL BE WELL CONSOLIDATED USING PROPER MECHANICAL VIBRATION, ESPECIALLY IN THE VICINITY OF THE TENDON ANCHORAGE.
  - NO CONDUIT, PIPING OR VENTS LARGER THAN 3" O.D. SHALL RUN IN STRUCTURAL CONCRETE MEMBERS UNLESS SHOWN ON STRUCTURAL DRAWINGS. CONDUIT, PIPING AND VENTS TO BE POSITIONED SO AS TO NOT REDUCE SLAB THICKNESS OR BEAM DEPTH.
  - MINIMUM CONCRETE CLEAR COVER IN SLABS:
    - 3/4" ADJACENT TO INTERIOR SLAB SURFACES
    - 1 1/2" ABOVE SUB-GRADE
  - IN STIFFENING BEAMS, WALLS AND FOOTINGS:
    - 1 1/2" ADJACENT TO EXTERIOR OR INTERIOR SURFACES
    - 3" FROM SURFACES IN CONTACT WITH EARTH
  - AT PIPE PENETRATION:
    - 2" FOR REBAR
- REINFORCEMENT:**
- REINFORCING STEEL TO BE GRADE 60 FOR #4 AND LARGER AND GRADE 40 FOR #3.
  - THE FIRST REBAR IN THE FOUNDATION SLAB SHALL BE A MAXIMUM OF 12" AND A MINIMUM OF 6" FROM THE OUTSIDE FORM.
  - AT DISCONTINUOUS STEEL ENDS ADD CORNER BARS EQUAL TO CONT. HORIZ. STEEL SIZE WITH 30 BAR DIAMETER LEGS.
- MISCELLANEOUS:**
- UNDERSLAB FILL TO BE NOMINALLY COMPACTED AND HAVE A PI LESS THAN 20.

**GENERAL NOTES**



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**FOUNDATION DETAILS**

SCALE: N.T.S.  
ON PAGE SIZE:  
ARCH 'D'  
24" X 36"

**S2.0**