

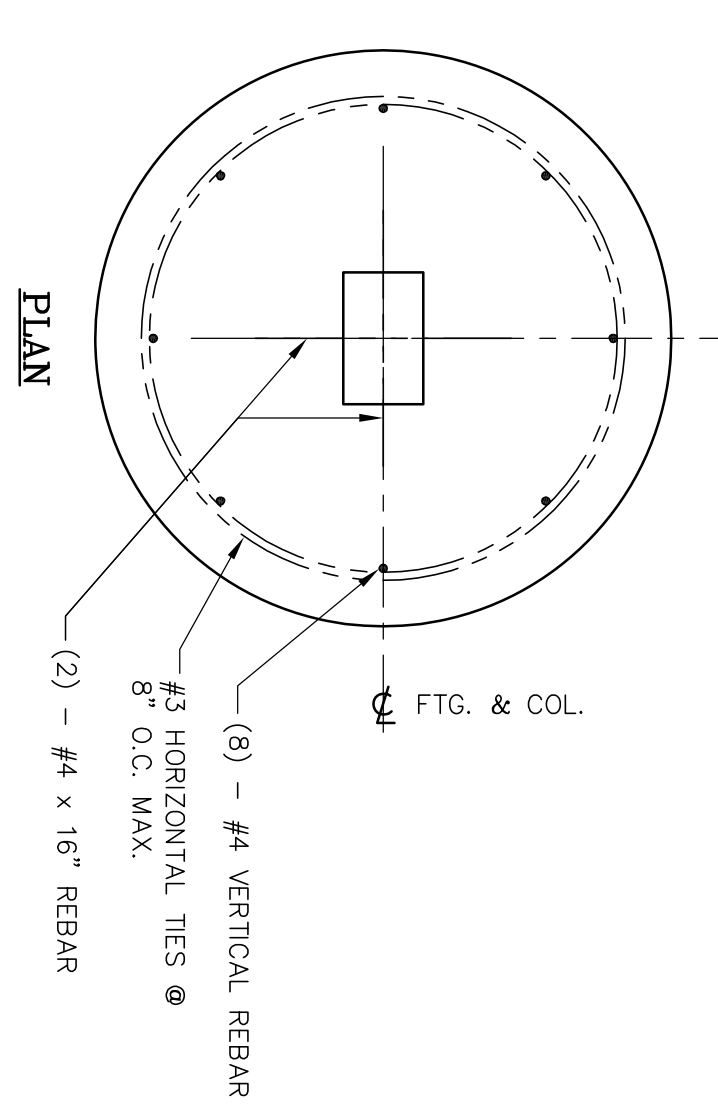
**FOUNDATION PLAN**  
SCALE: 3/16" = 1'-0"

ALL DIMENSIONS SHOWN SPRING FROM THE CENTER OF THE CURB UNLESS OTHERWISE NOTED. MINIMUMS OWNER TO DETERMINE SLAB SIZE PRIOR TO CONSTRUCTION.

SEE COLUMN FOUNDATION DETAIL ON THIS SHEET.

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- CONCRETE NOTES:**
- Remove all organic material and topsoil from slab area. Verify suitability of subgrade. Footings are to bear on undisturbed, natural soil or engineered fill. Both are to be compacted to 95% Proctor density.
  - Prepare slab with min. 8" compacted sand, gravel, or crushed rock.
  - Concrete slab to be 4" thick. Reinforce slab with 6x6-w1.4xw1.4 welded wire fabric at mid-depth. Lap splices 8". All: Fiber mesh admixture (min. 1.5#/c.y.; fibrillated polypropylene).
  - Edge of slab to be thickened to min. 8" deep x 8" wide reinforced with 2-#4 continuous rebar. Lap splices min. 24".
  - In locations subject to frost, install isolation joint. Wire mesh shall be ground column piers using diamond or circular layout. Wire mesh shall be interrupted at isolation joints.
  - Install crack control joints (3/16" wide x 1" deep) at 8' to 12' o.c.
  - Concrete slabs in open areas are to be sloped for drainage from center to edge and away from columns. Surface is to be lightly broomed or have a wood troweled finish.
  - Concrete slabs in enclosed areas are to have positive drainage to floor drains and gutters.
  - Concrete slab foundation, re-bar, wire mesh, leveling nuts, grout & anchor bolts (if required) are N.I.C.
  - All concrete reinforcing steel to be grade 60, deformed bars.
  - F.c. of concrete to be 3500 psi @ 28 days for slab.
  - All concrete work to be in accordance w/ latest ACI code.
  - Assumed allowable soil bearing pressures: 2000 psf vertical bearing, 150 psf lateral bearing. It is the Owner's responsibility to verify that the allowable soil bearing values at the site meet or exceed these assumed values if the actual values are lower than the assumed values, the foundations must be redesigned (N.I.C.).

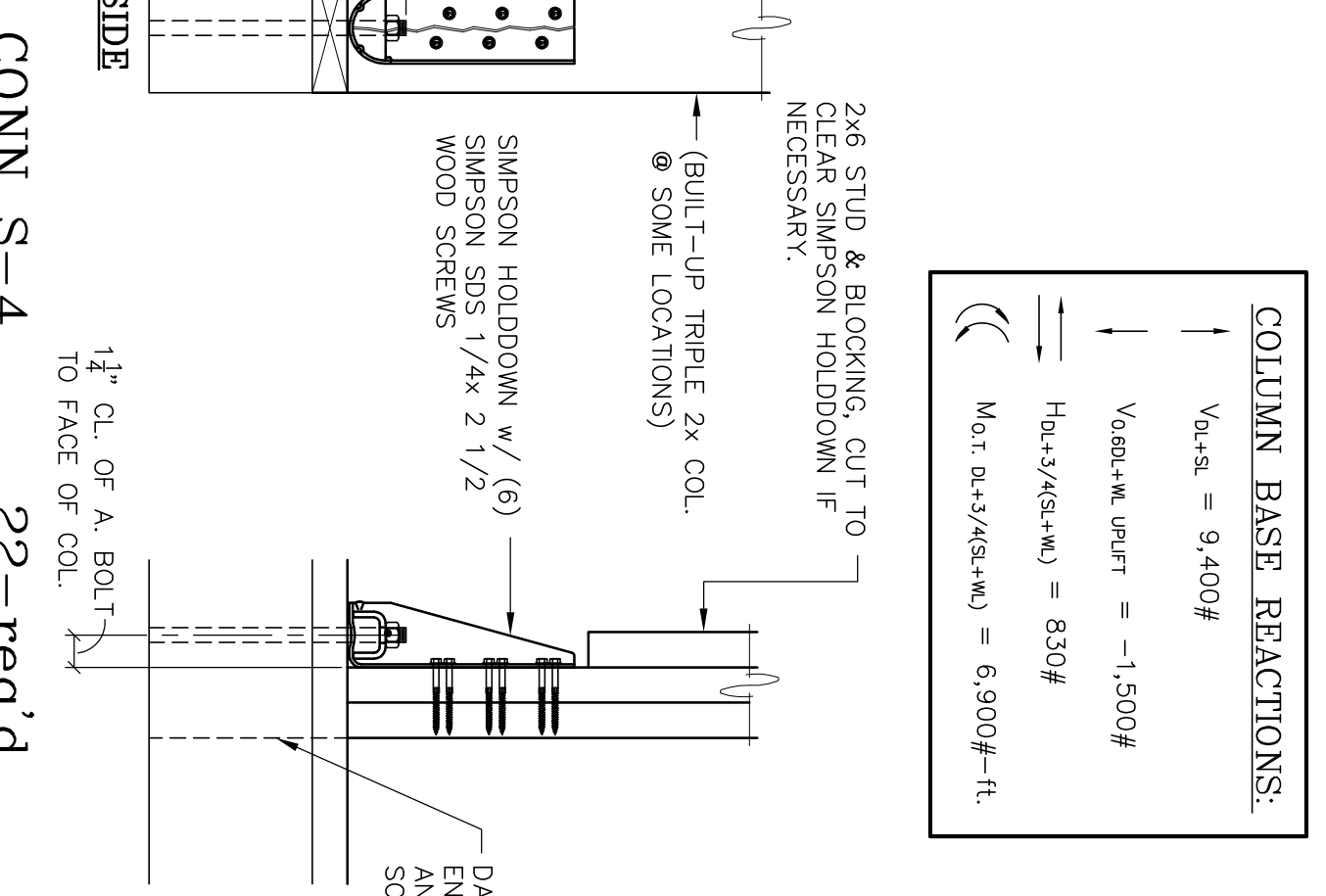
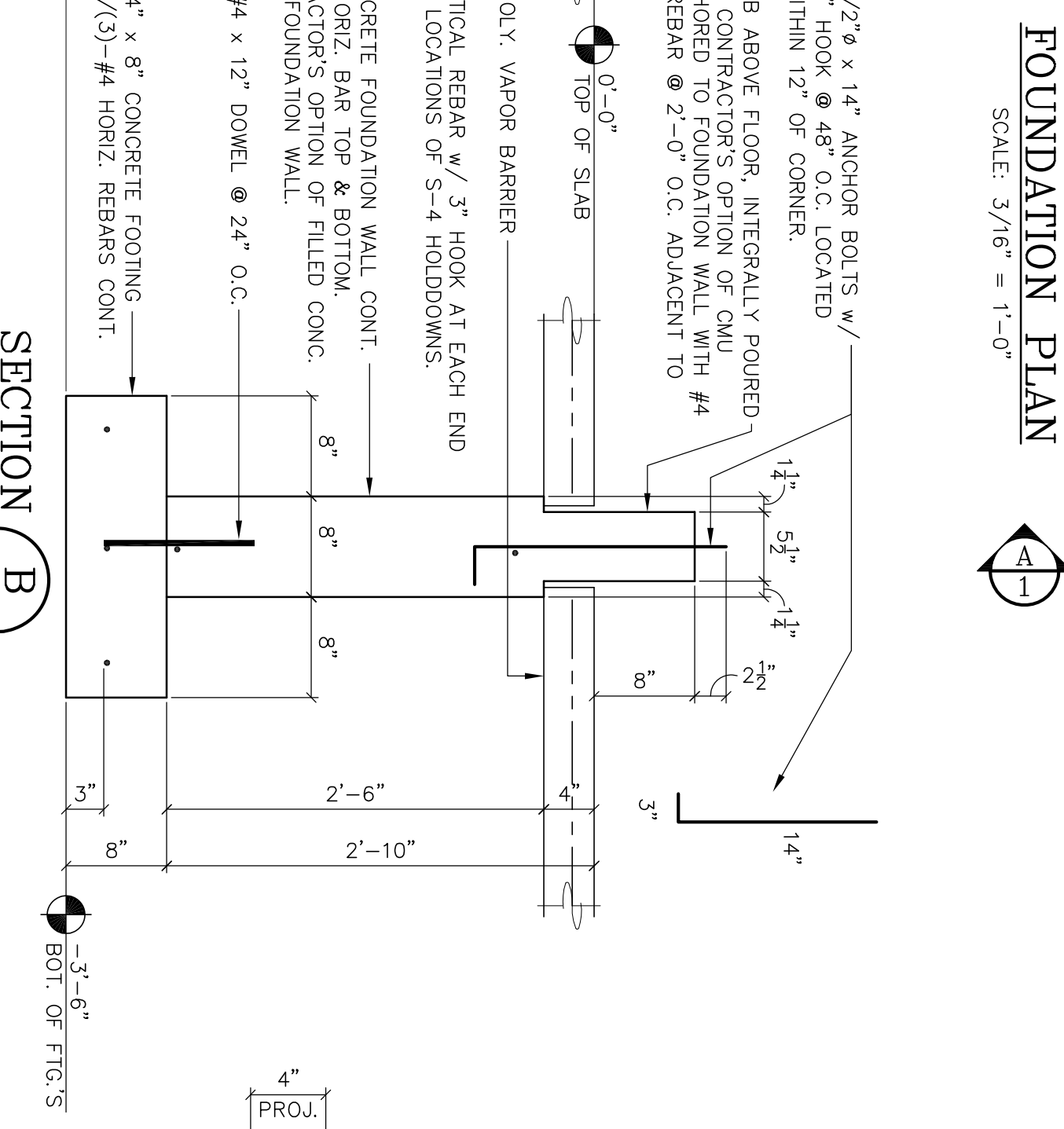
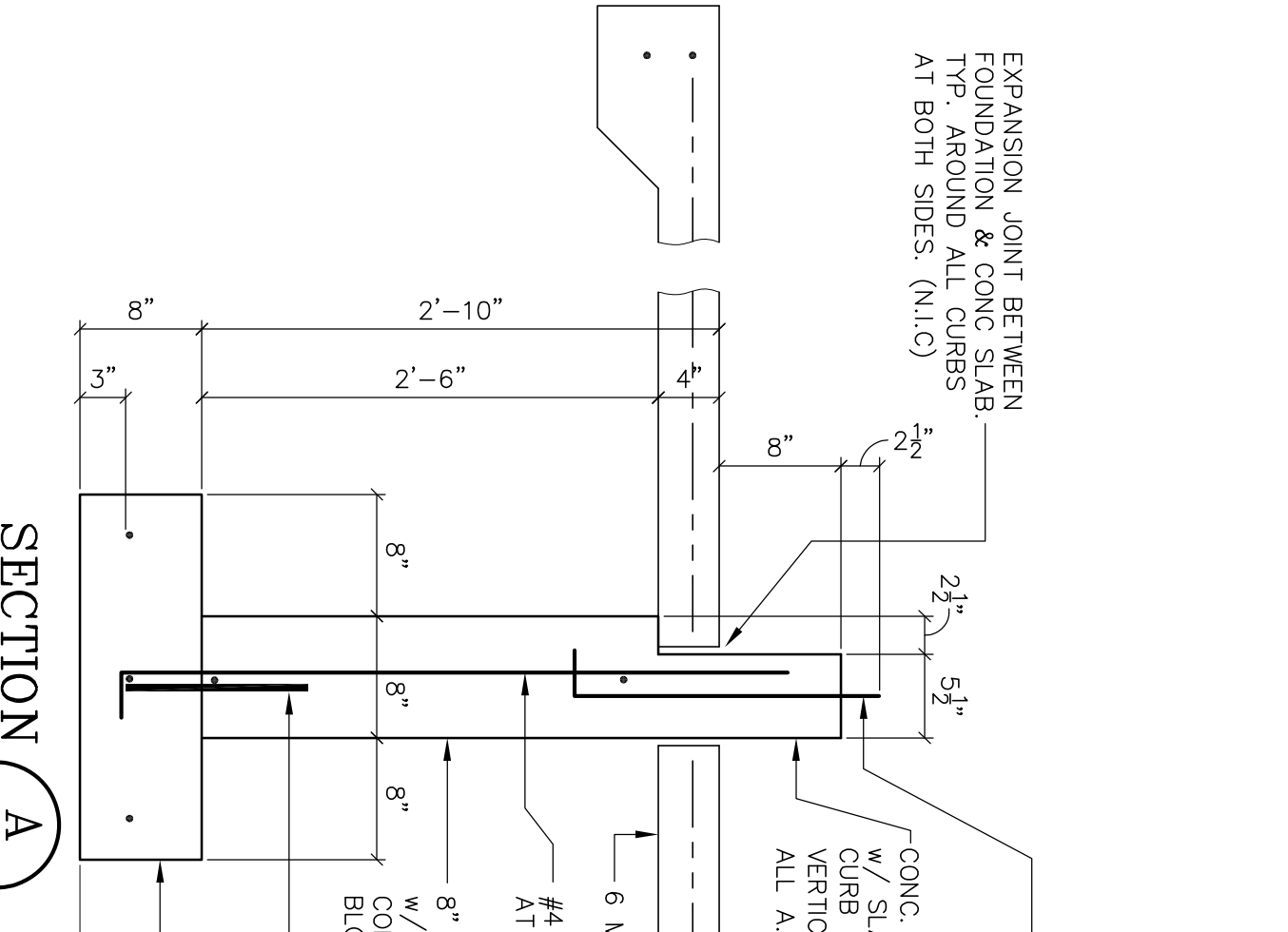
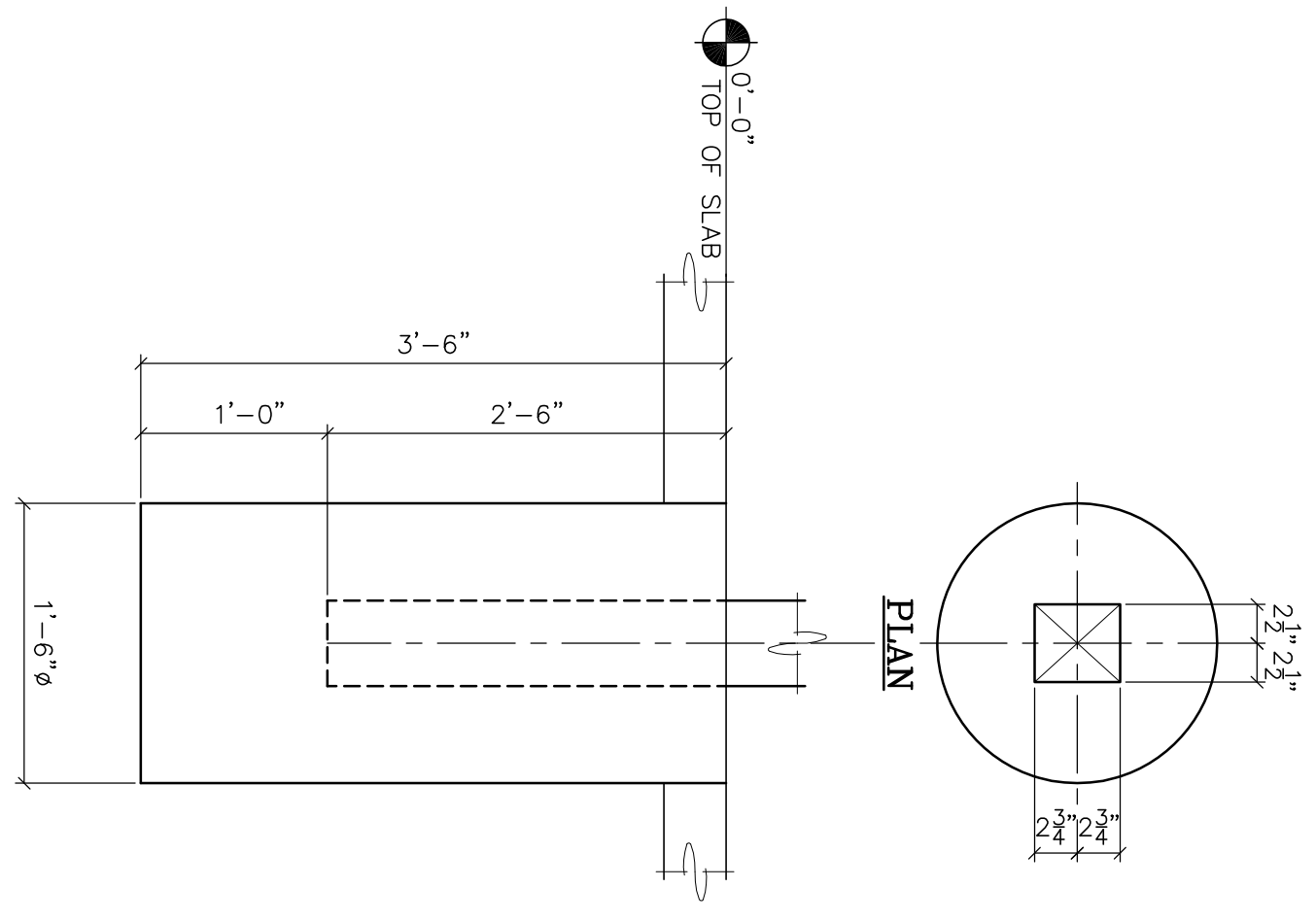


**COLUMN BASE REACTIONS:**

↑	V <sub>o+sl</sub> = 9,400#
↓	V <sub>o+sl</sub> = -1,500#
↑	H <sub>o+sl</sub> = 830#
↓	H <sub>o+sl</sub> = 6,900#-ft.

**C-1 FOUNDATION DETAIL**

2x6 STUD & BLOCKING, CUT TO CLEAR SIMPSON HOLDOWN IF NECESSARY.  
 (BUILT-UP TRIPLE 2x COL. @ SOME LOCATIONS)  
 SIMPSON HOLDOWN, w/ (6) SIMPSON SDS 1/4x 2 1/2 WOOD SCREWS  
 DASHED LINE DENOTES END OF TREATED NAILER AND CONCRETE CURB IN SOME CASES.  
 PREDRILL WOOD FOR WOOD SCREWS IN FIELD IF NECESSARY TO AVOID SPLITTING.



**PRIVACY SCREEN COLUMN (C-2) FOOTING**

**SECTION A**  
TYPICAL SECTION @ PERIMETER FDN. WALLS

**SECTION B**  
TYPICAL SECTION @ INTERIOR FDN. WALLS

**CONN S-4**  
22-req'd.  
1- 5/8" x 1/4" THREADED ROD W/ SIMPSON AT ACRYLIC THE ADHESIVE (N.I.C.)