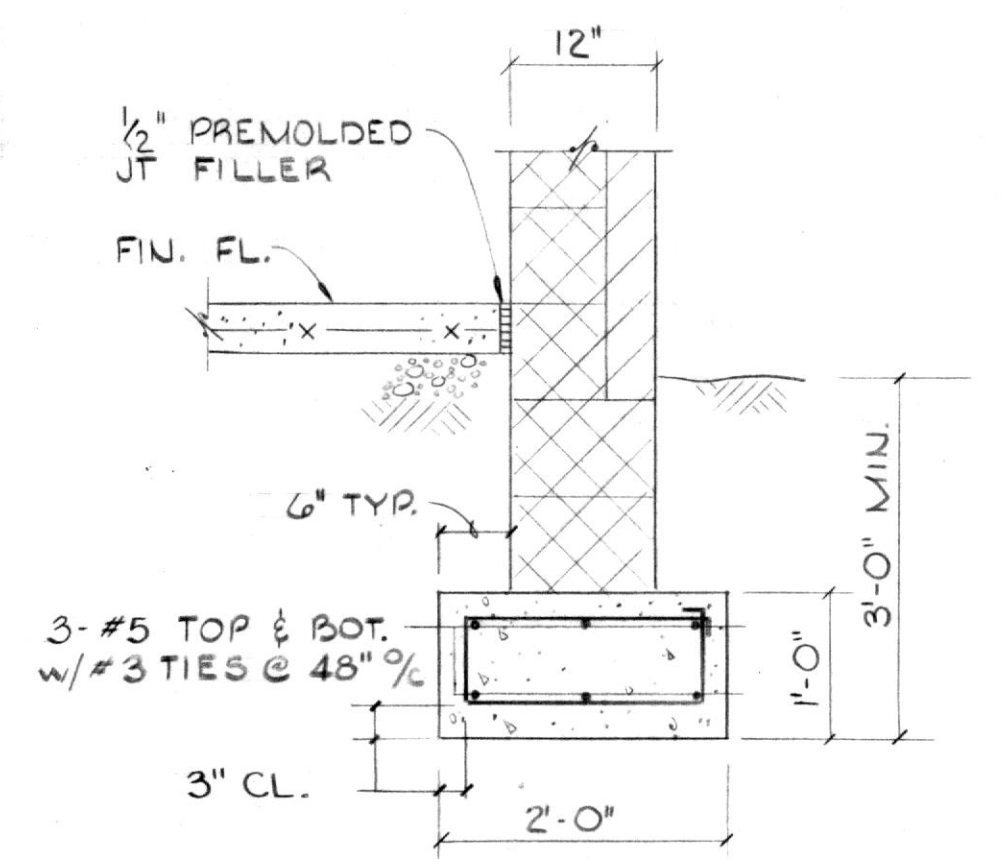
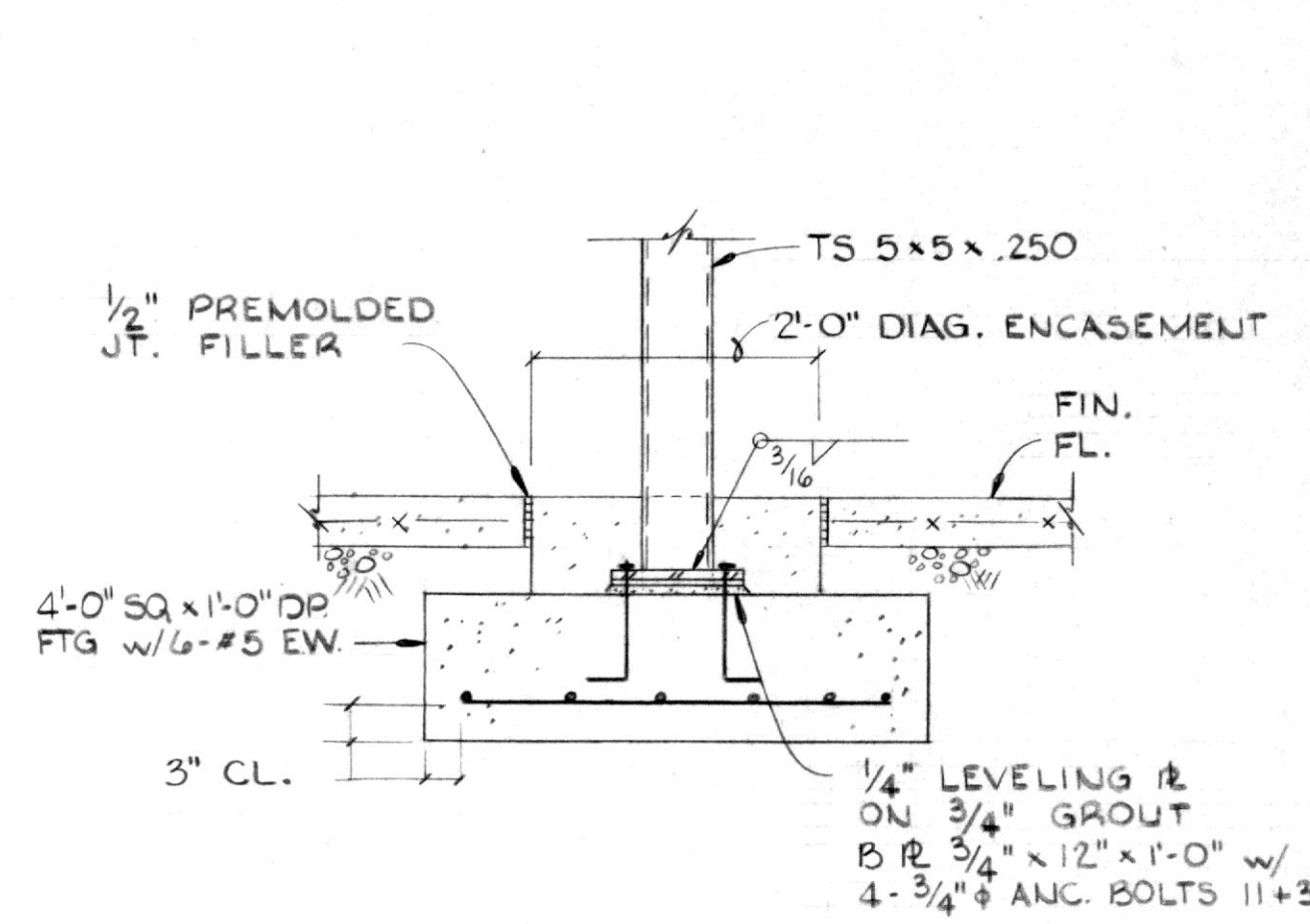


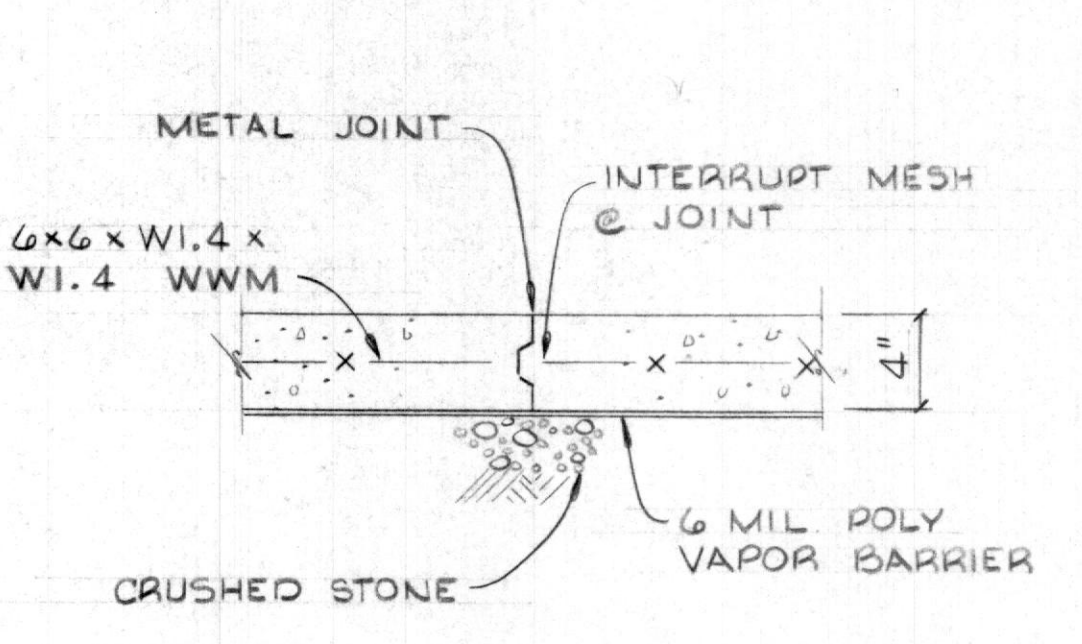
- GENERAL NOTES**
- DESIGN LIVE LOADS:**
 - Roof - 20 P.S.F.
 - STANDARDS AND DESIGN STRESSES:**
 - Concrete Specification - ACI 318 & ACI 301
 - Reinforcing Bars - A615, Grade 60.
 - Steel Deck - ASTM A152
 - Structural Steel - AISC Manual of Steel Construction and Specifications 1989 & AISC D.1.
 - ASTM A-36 for all structural steel.
 - Structural steel tubing - ASTM A500, Grade B.
 - Cold formed steel studs - AISI Specifications for the design of cold formed steel structural members A.S. D1.3
 - ASTM A 446, Grade A, Yield strength, studs - 40 K.S.I.
 - Finish: Hot-dip galvanized (G-60) per ASTM A525.
 - Boles - ASTM A325
 - Anchor Bolts - ASTM A307
 - Welding Electrodes - E70XX Low Hydrogen
 - Steel Deck - Steel Deck Institute Standard Specifications.
 - Steel Joist (steel) Joist Institute Standard Specifications.
 - LOAD BEARING MASONRY - Building Code Requirements for Masonry Structures ACI 530-90**
 - Hollow Concrete Units - ASTM C90 - Grade N-1 f' = 1900 psi
 - Solid Concrete Units - ASTM C90 - Grade S-1 f' = 1900 psi
 - Mortar - ASTM C270 - Type S
 - Grout - ASTM C976 - f' = 2500 psi
 - The BOCA Basic National Code/1997.
 - DIMENSIONS**
The Contractor shall check all drawings and shall promptly notify the Architect/Engineer of any discrepancies before proceeding with the work. Do not scale drawings.
 - FOUNDATIONS AND EARTH WORK:**
 - Exact size and location of existing footings should be verified in field by Contractor.
 - Elevations for foundations have been established from available information. Bottom of all exterior footings shall be a minimum of 2'-6" below finished grade unless otherwise noted.
 - Should it be found necessary to vary the elevations given to satisfy the foregoing requirements, the Architect shall be notified before proceeding with the work.
 - All footings shall bear on native undisturbed soil and are designed for a soil bearing pressure of 3,000 P.S.F. as recommended in geotechnical report by Herbst & Associates, Inc.
 - During construction, the soil bearing conditions must be examined and approved by a Geotechnical Engineer.
 - All disturbed earth under footing shall be replaced with concrete.
 - All compacted fill shall be approved materials compacted in layers not over 8" thick (except as noted on drawings) and at least 95% of laboratory density as determined by ASTM D1557. (Verify ASTM Nos. w/report)
 - Refer to geotechnical report for additional foundation, connection and inspection information.
 - Contractor shall adequately protect all walls during backfill operations.
 - CONCRETE**
 - All exposed concrete work shall have 5% - 7% air entrainment.
 - Chamfer all exposed corners of formed concrete - 3/4".
 - Submit shop drawings for fabricating, bending, and placement for concrete reinforcement, showing bar schedule, stirrup spacing, diagrams of bar arrangement, concrete reinforcement including sections and details. Provide approved schedules as follows:
 - All splices in reinforcement to lap minimum 36x bar diameter.
 - STRUCTURAL STEEL & STEEL DECK & STEEL JOIST:**
 - Unless otherwise noted, provide (1) single 5" x 3-1/2" x 5/16" for each 4" wall thickness over all openings in masonry walls with minimum 6" bearing each end - more lintels to prevent rotation during construction.
 - Connections for structural steel shall be shop welded. Field connections shall be 3/4" diameter A325 bolts unless shown otherwise.
 - Steel joist manufacturer to be members of the Steel Joist Institute.
 - Steel deck manufacturer to be members of the Steel Deck Institute.
 - All structural steel (and steel joists) to receive one coat of manufacturer's standard paint. (Except where structural steel to receive approved fireproofing.)
 - All roof decks shall be galvanized.
 - All steel exposed to weather shall be galvanized.
 - COLD-FORMED STEEL STUD FRAMING:**
 - Allow adjustment for connections between stud framing and other trades, shapes, etc.
 - MASONRY:**
 - All walls supporting loads other than their own dead weight shall be constructed of load-bearing masonry units.
 - All lintels over openings in interior exterior block non-bearing partitions unless noted, shall be of cinder/size concrete reinforced with (1) #4 bar top and bottom hooked each end and for each 4" of wall thickness with 8" bearing at each end.
 - All solid masonry piers shall be bonded to adjacent masonry.
 - Fill cells of CMU solid with mortar in course directly below all changes in thickness of wall.
 - SHIM BRACKETS:**
 - Shop drawings of structural steel, steel joists metal deck, a reinforcing bars, to the Architect/Engineer for review, and such review shall be secured before fabrication is begun.
 - INSPECTION AND NOTIFICATION:**
 - Concrete shall be sampled and tested according to ACI 308, and the results of the tests shall be forwarded to the Architect/Engineer for review.
 - All reinforcement (including structural steel, steel joist, steel deck and cold-formed steel studs) shall be inspected by an independent inspection agency approved by the Architect/Engineer and the results shall be forwarded to the Architect/Engineer prior to covering steel work.
 - Notify Architect for review of reinforcement placement prior to pouring any concrete.
 - Perform field density tests for compacted fill under slabs on grade in accordance with ASTM D1557, D1556 or D1559 by an approved geotechnical engineer and the results forwarded to the Architect/Engineer for review prior to placing concrete.
 - The Engineer will not perform the required inspection as part of his design service. The Engineer may visit the site to ascertain general conformance to the Contract Documents. However, such inspection shall not be relied upon by others as acceptance of the work, nor shall it be construed to relieve the Contractor in any way from his obligations and responsibilities under the Construction Contract, unless the Engineer specifically so states in writing.



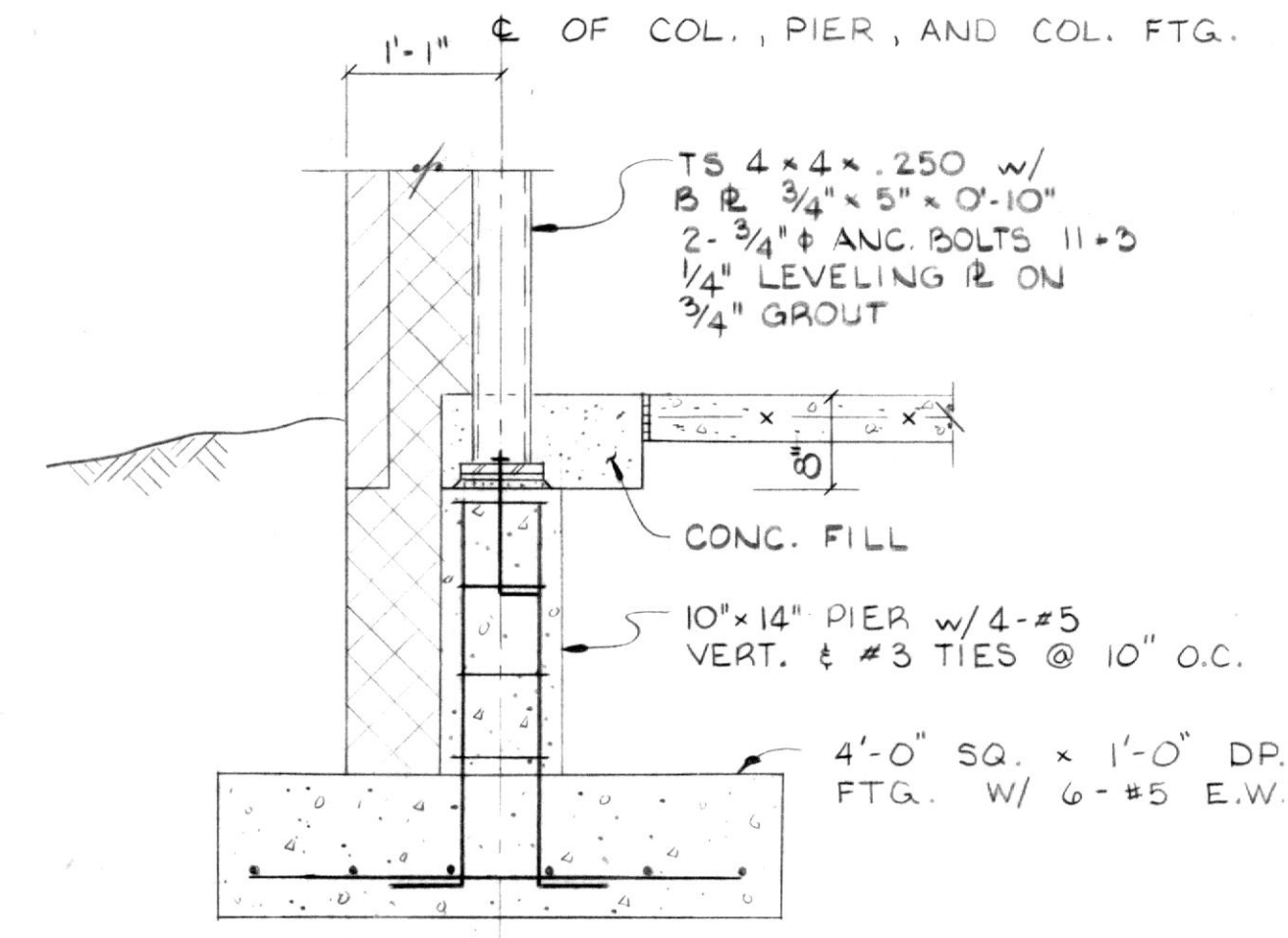
1 TYPICAL SECTION
SCALE: 3/4" = 1'-0"



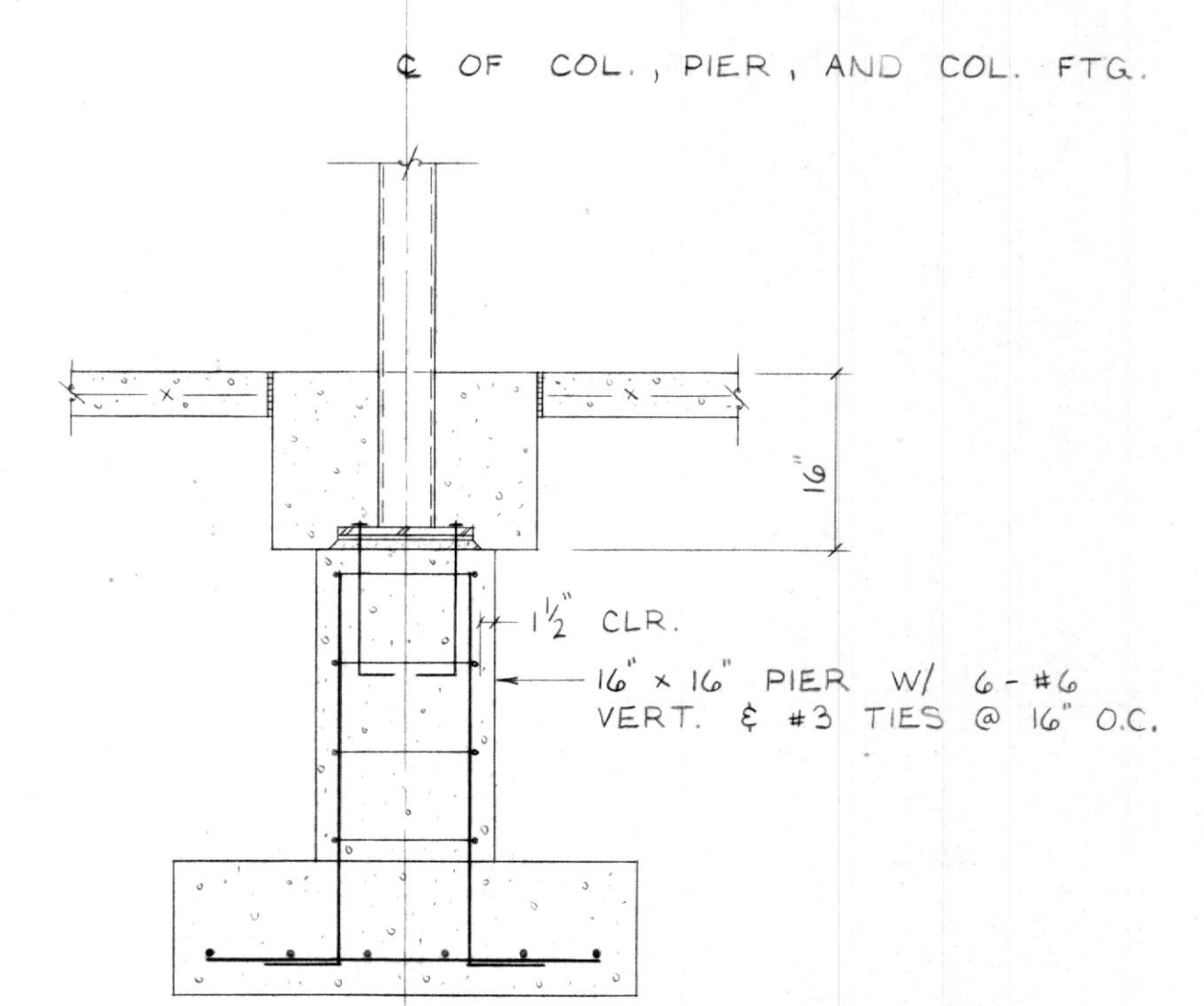
2 SECTION AT INT. COLUMN
SCALE: 3/4" = 1'-0"



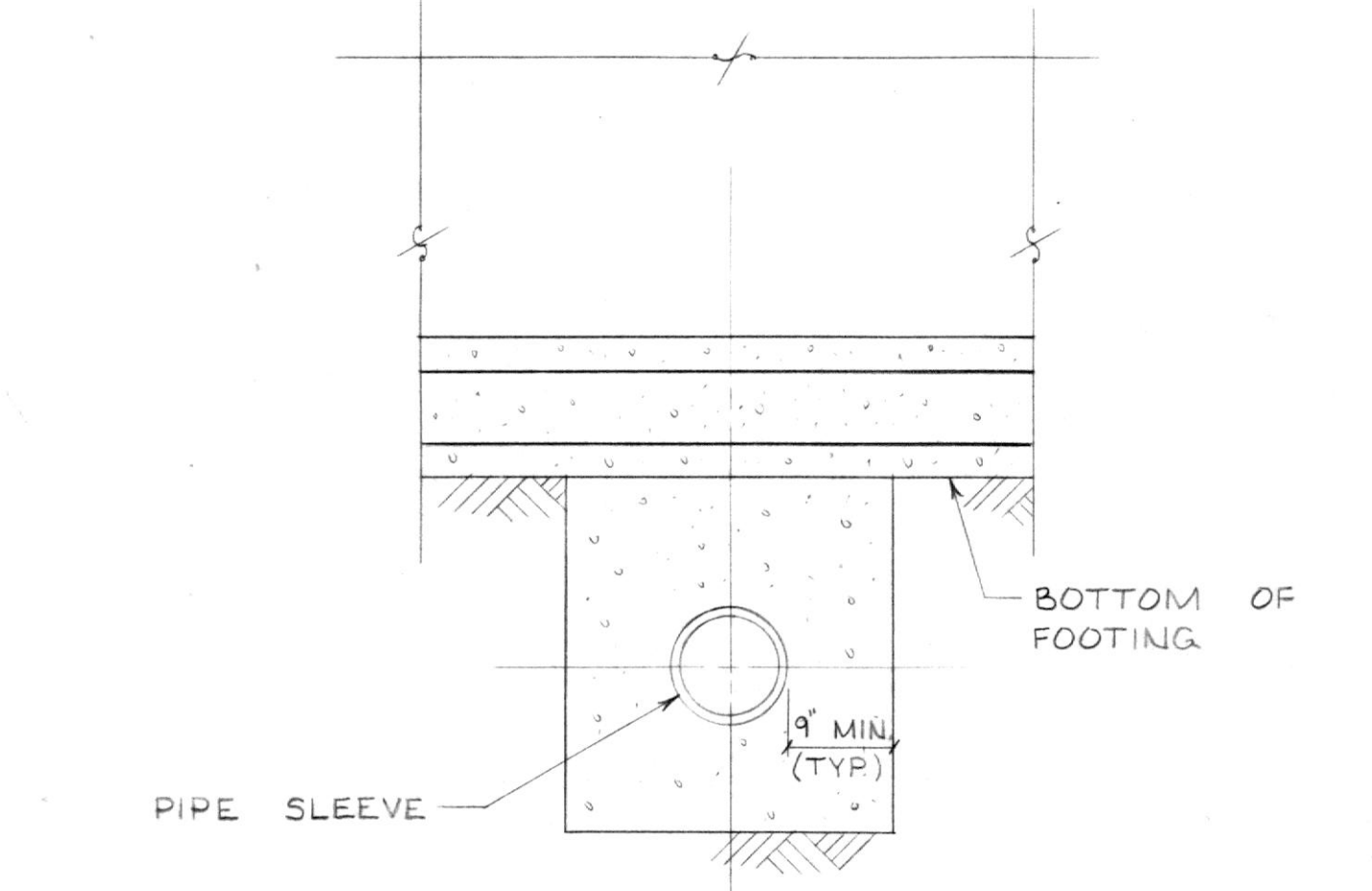
3 SLAB ON GRADE / CONTROL JOINT
NO SCALE



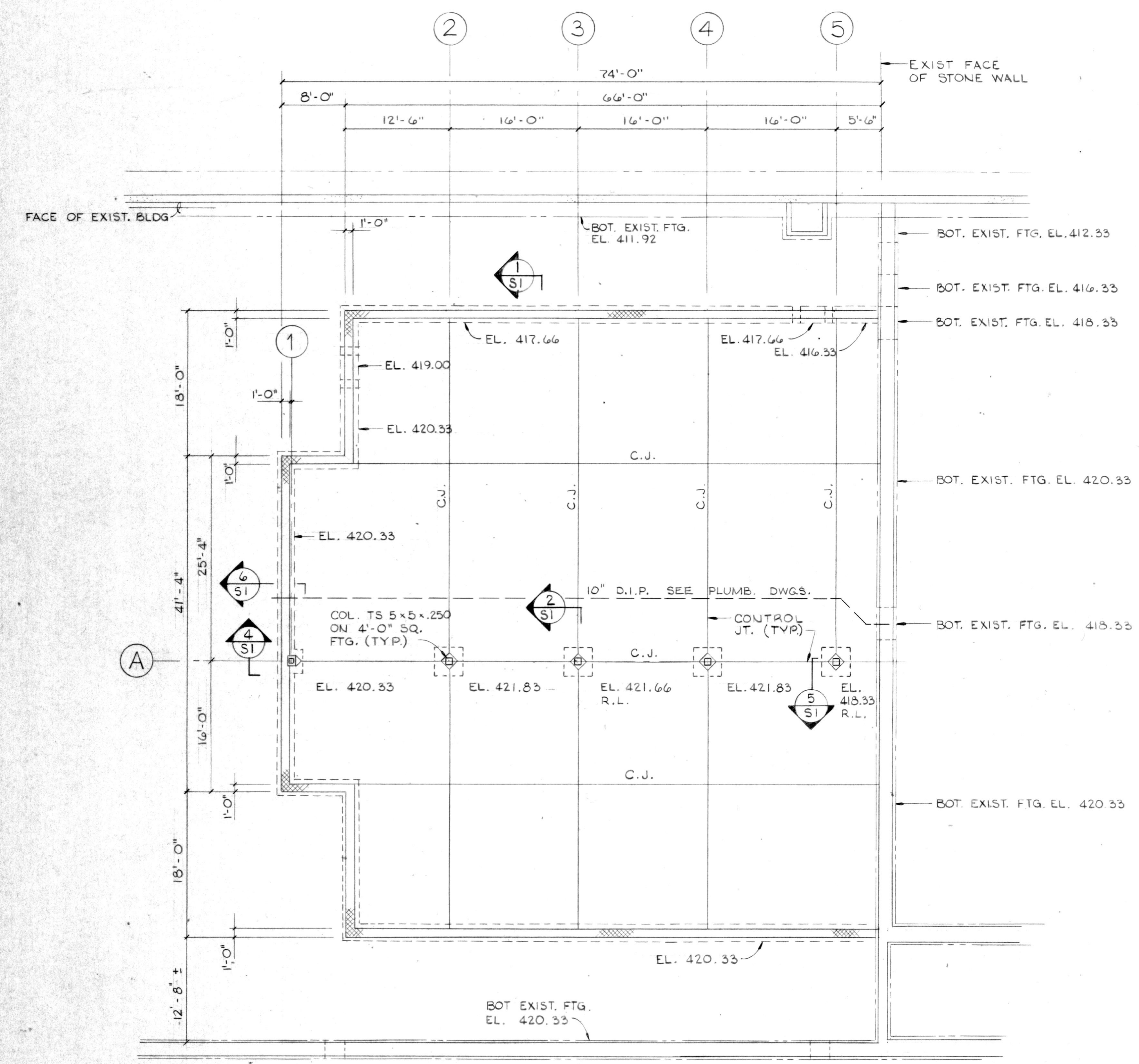
4 SECTION AT EXT. COL.
SCALE: 3/4" = 1'-0"



5 SECTION AT INT. COLUMN
SCALE: 3/4" = 1'-0"



6 PIPE BELOW WALL FTNG.
SCALE: 3/4" = 1'-0"

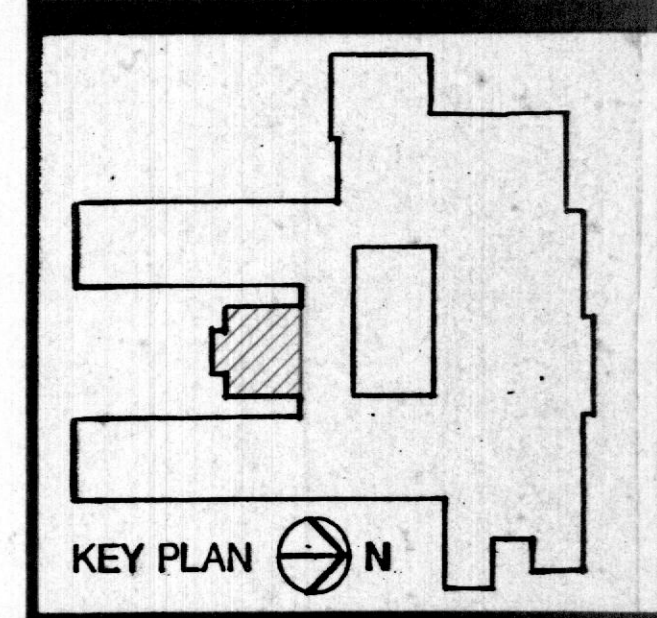


FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

PLAN NORTH

NOTES: 1. 4" CONC. SLAB w/ 6x6-1.4x1.4 MESH
2. FIN. FL. ELEV. 424.00 (TO MATCH EXIST.)
3. ALL ELEVATIONS SHOWN ARE TO BOT. OF FOOTINGS.

No.	Date	Description



Additions and Renovations to
NOTRE DAME PREPARATORY SCHOOL
Towson, Maryland

FOUNDATION PLAN & DETAILS

PROJ NO	DWG NO
	S1
DATE	
MAY 28, 1991	