

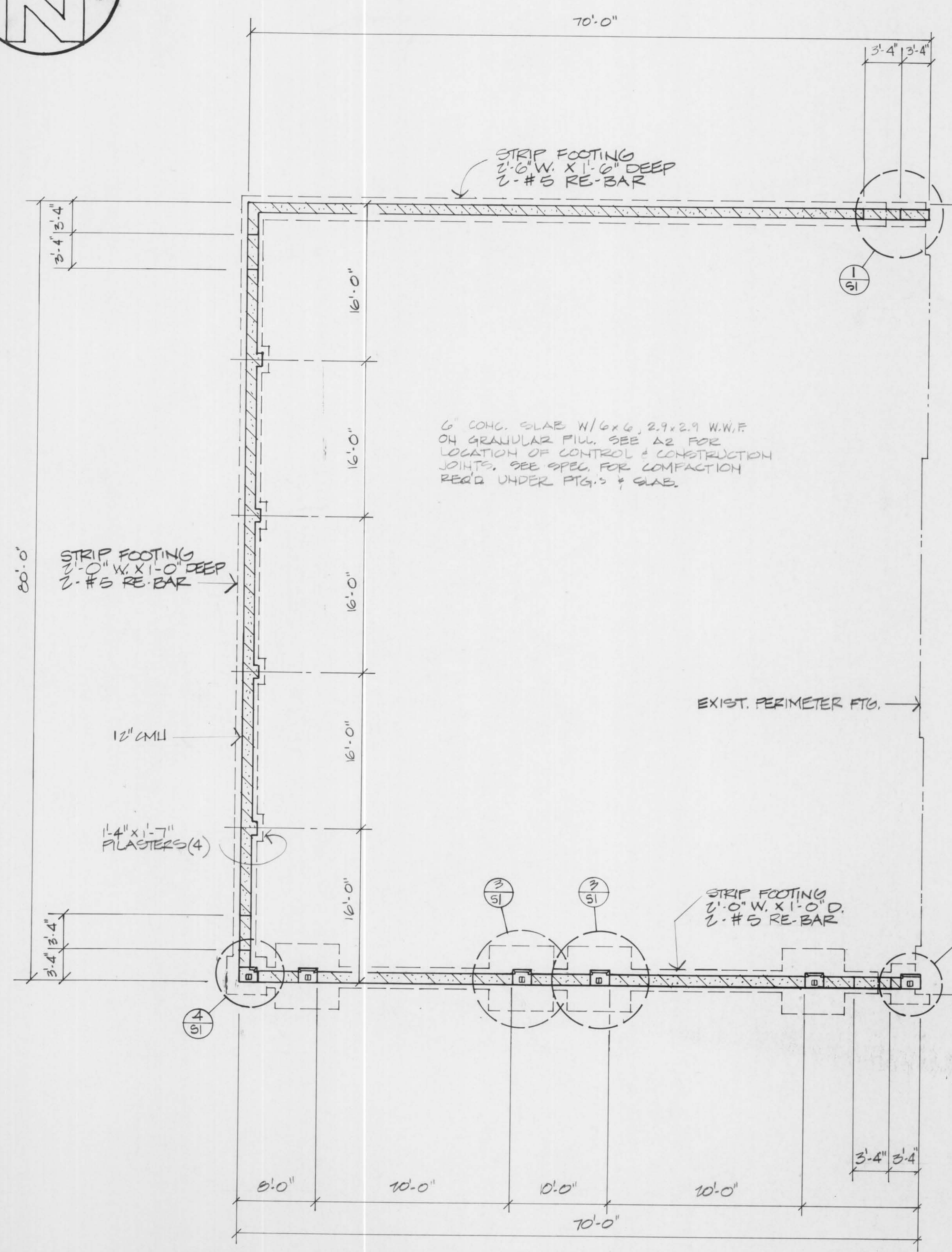
STRUCTURAL NOTES

- DESIGN CRITERIA IS BASED UPON THE STANDARDS OF THE WISCONSIN ADMINISTRATIVE CODE CURRENT EDITION.
- DESIGN STRESSES USED:

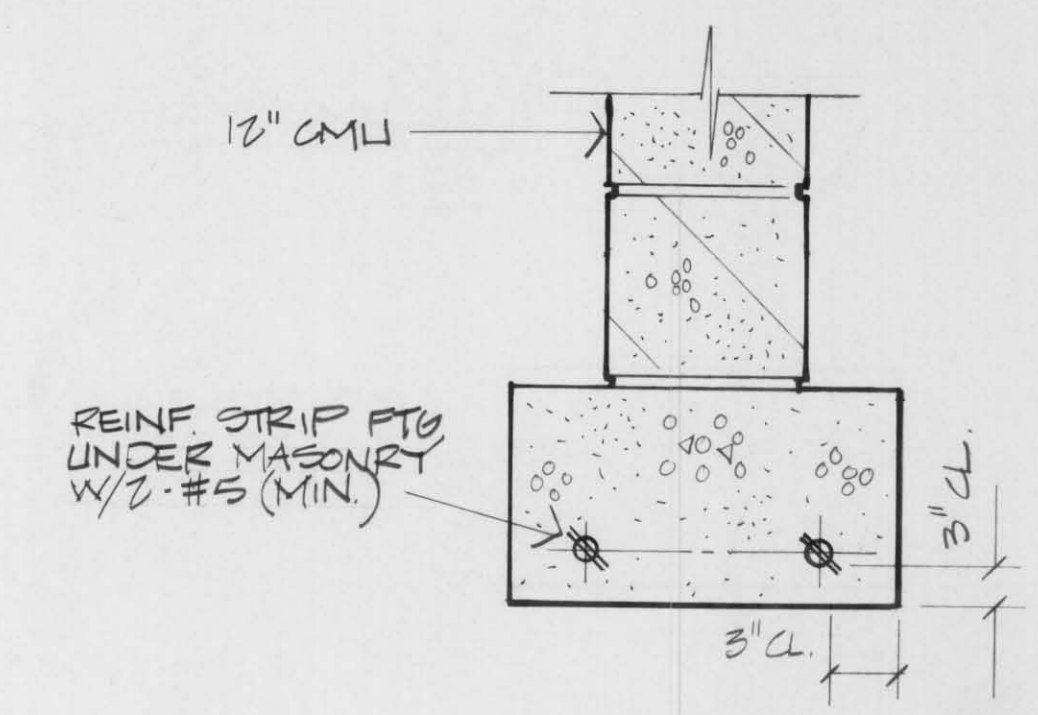
CONCRETE	$f'_c = 4000$ p.s.f.
STRUCTURAL STEEL	$f_y = 36$ k.s.f.
REINFORCING STEEL	$f_y = \text{GRADE 60}$
- MAXIMUM SOIL PRESSURE USED FOR DESIGN BASED ON PRIOR CONSTRUCTIONS IS 2000 p.s.f.
- THE FOLLOWING DESIGN LIVE LOADS WERE USED:

ROOF	40 p.s.f.
ROOF SUBJECT TO SNOW ACCUMULATION	65 p.s.f.
FLOOR AREA	500 p.s.f.
WIND	20 p.s.f.
- CHECK ARCHITECTURAL, MECHANICAL AND ELECTRICAL PLANS TO VERIFY SIZE, LOCATION AND NUMBER OF OPENINGS OR CHASES IN STRUCTURE.
- FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL AND ALL FRAMED CONNECTIONS, SEE SPECIFICATIONS. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 AS SPECIFIED IN AISC SPECIFICATIONS ADOPTED NOVEMBER 1, 1978.
- MATERIAL AND INSTALLATION OF HIGH TENSILE STRENGTH BOLTS SHALL CONFORM TO REQUIREMENTS SET FORTH IN THE SPECIFICATIONS. ALL BOLTS SHALL BE 3/4" Ø AND SHALL CONFORM TO ASTM A325 (FRICTION TYPE) UNLESS NOTED.
- DESIGN, FABRICATION AND ERECTION OF STEEL JOINTS SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE STEEL JOIST INSTITUTE, CURRENT EDITION. BRIDGING TYPE SHALL BE AS INDICATED ON THE DRAWINGS.
- LINTELS SHALL HAVE A MINIMUM END BEARING ON MASONRY OF 8", BUT NOT LESS THAN ONE INCH OF SUCH BEARING FOR EACH FOOT OF OPENING WIDTH.
- ALL STEEL FRAMING MUST BE PLUMBED AND ADEQUATELY BRACED TO RESIST WIND AND CONSTRUCTION LOADS DURING CONSTRUCTION PERIOD.
- CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE A.C.I.'S BUILDING CODE REQUIREMENT FOR REINFORCED CONCRETE (A.C.I.-318-83).
- CLEAR CONCRETE COVERAGE FOR REINFORCING SHALL BE AS FOLLOWS, UNLESS NOTED ON THE DRAWINGS.

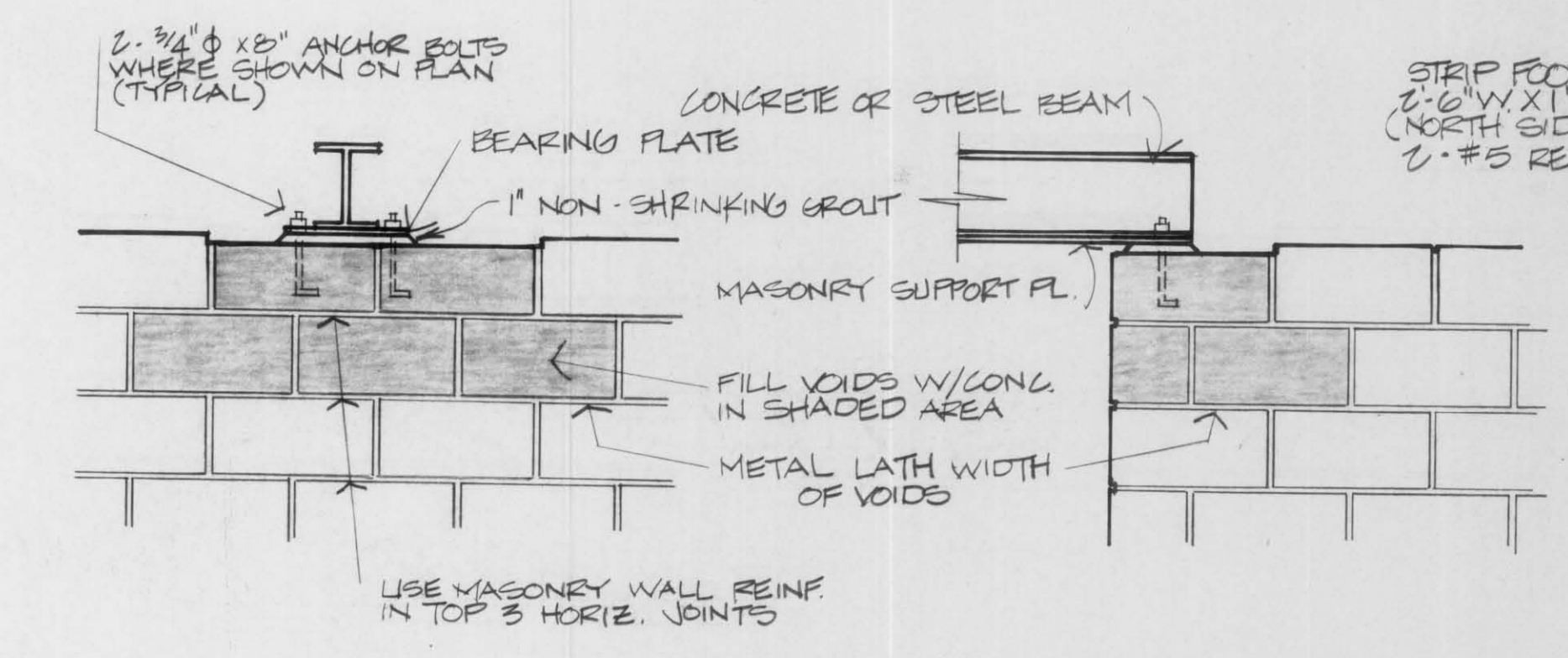
FOOTINGS	3"
COLUMNS	1 1/2"
SLABS ON GRADE	1 1/2"
- THE MINIMUM OVERLAP FOR A LAPPED SPLICE SHALL BE ACCORDING TO ACI 318-83 REQUIREMENTS, BUT NOT LESS THAN 12" FOR REINFORCING BARS.
- PROVIDE ADEQUATE TIES FOR ALL REINFORCING BARS AND STIRRUPS IN CONCRETE SLABS AND BEAMS. REINFORCING BARS TO BE HELD AT CORRECT DISTANCE FROM FORMS BY ADEQUATE CONCRETE BLOCKS, STEEL CHAIRS OR TIES.
- THICKNESS AND REINFORCING OF ALL FLOOR SLABS ON GRADE SHALL BE AS SHOWN ON THE DRAWINGS. SLABS ON GRADE TO BE POURED IN STRIP PATTERS WITH CONTROL JOINT OR KEYS CONSTRUCTION JOINTS AS SHOWN ON THE DRAWINGS.
- PROVIDE HORIZONTAL CORNER BARS AT ALL CORNERS OR INTERSECTIONS OF CONCRETE WALLS AS DETAILED ON THESE DRAWINGS.
- DIMENSIONS SHOWN TO ALL EXISTING MEMBERS OR CONSTRUCTION TO BE FIELD VERIFIED BEFORE SHOP FABRICATION OR BEFORE NEW CONSTRUCTION IS STARTED.



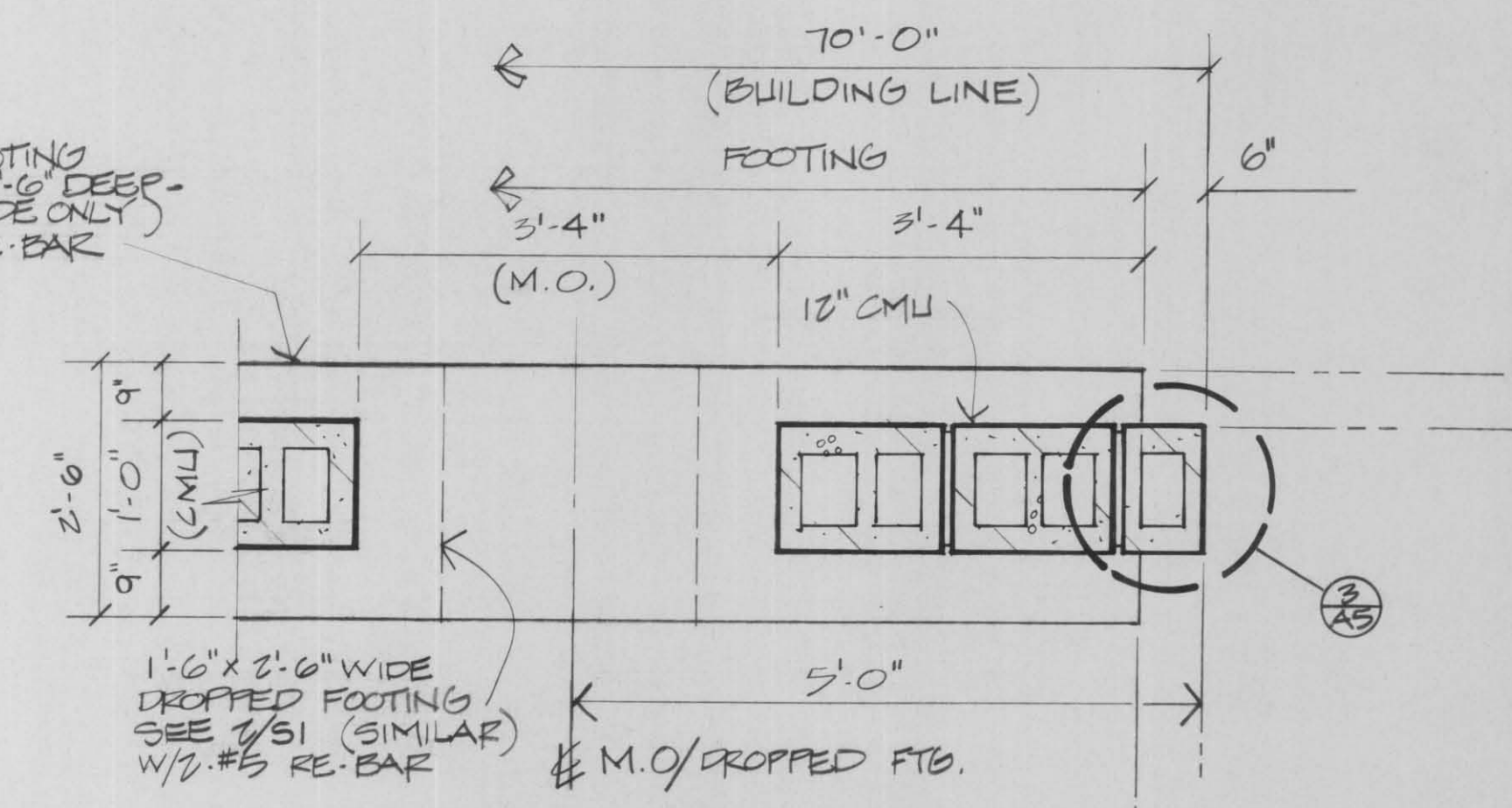
FOUNDATION PLAN
1/8" = 1'-0"



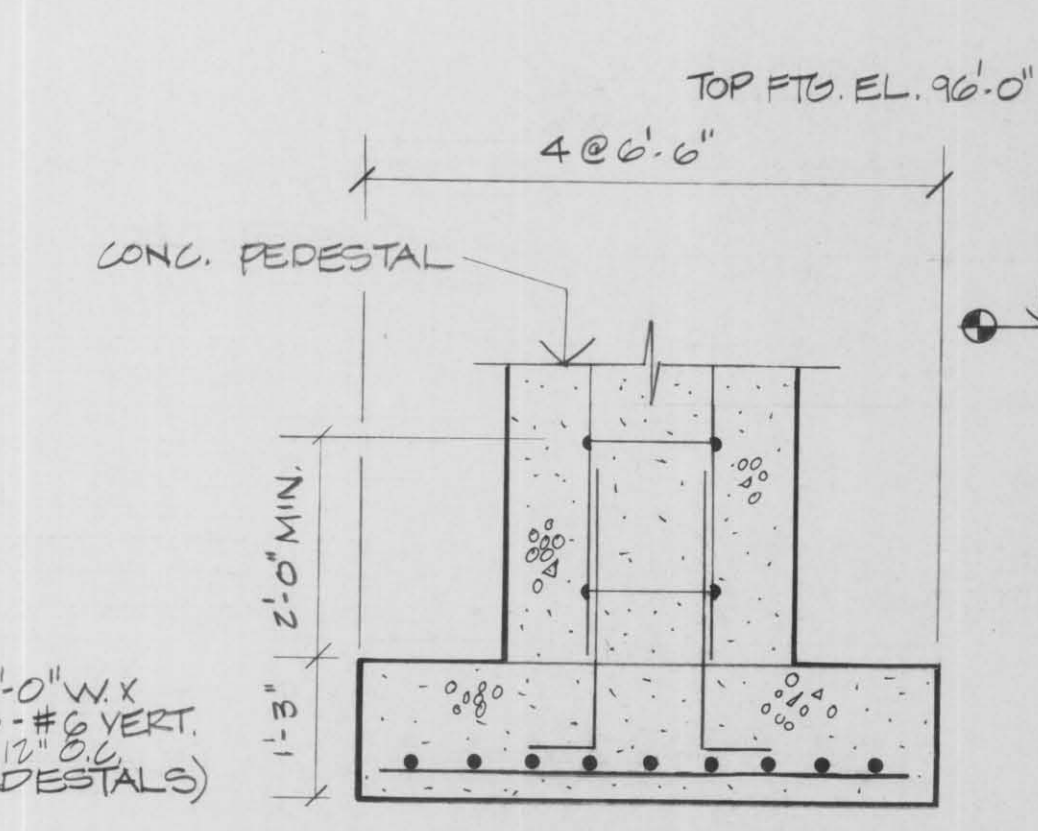
TYP. MASONRY WALL FTG.



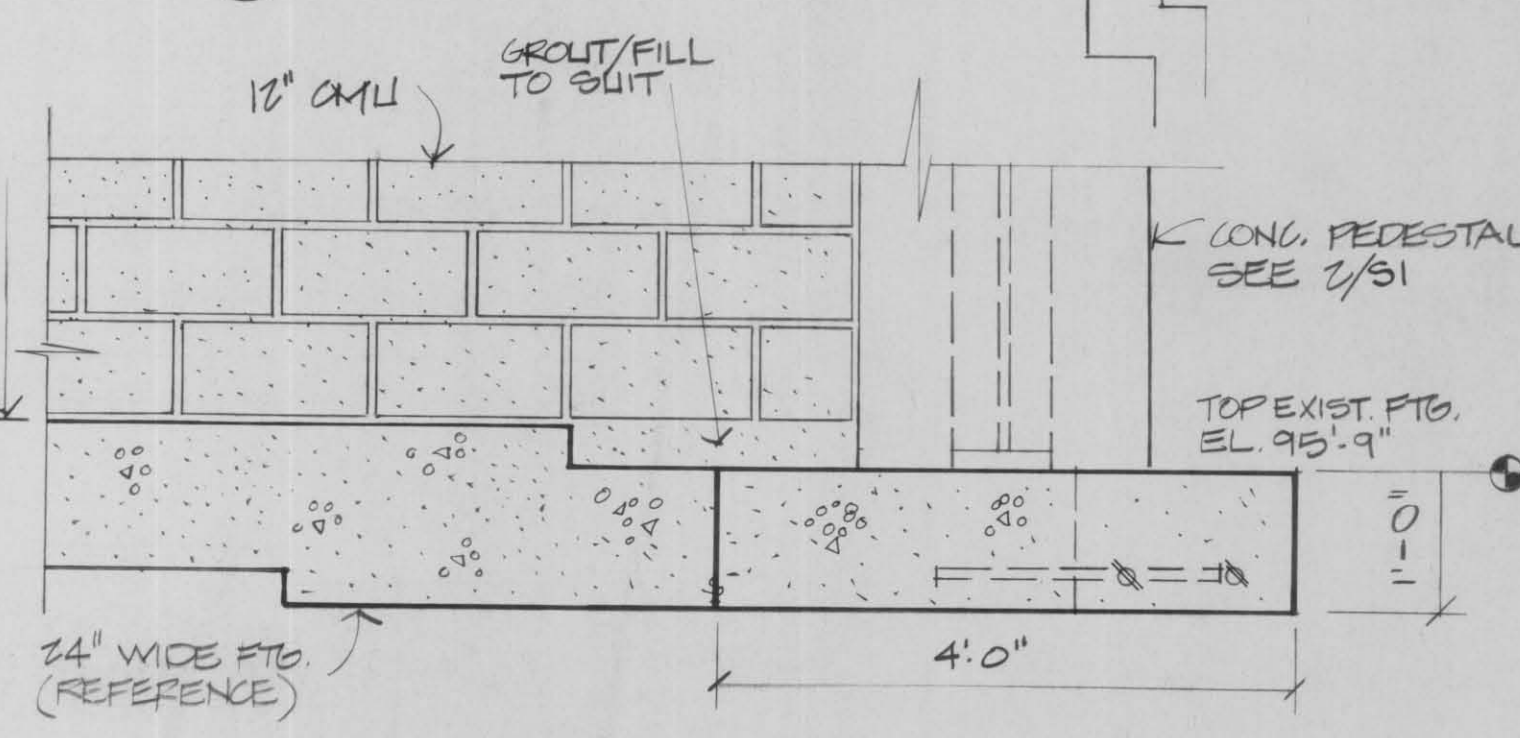
TYPICAL BEAM BEARING ON CONG. BLK.
3/4" = 1'-0"



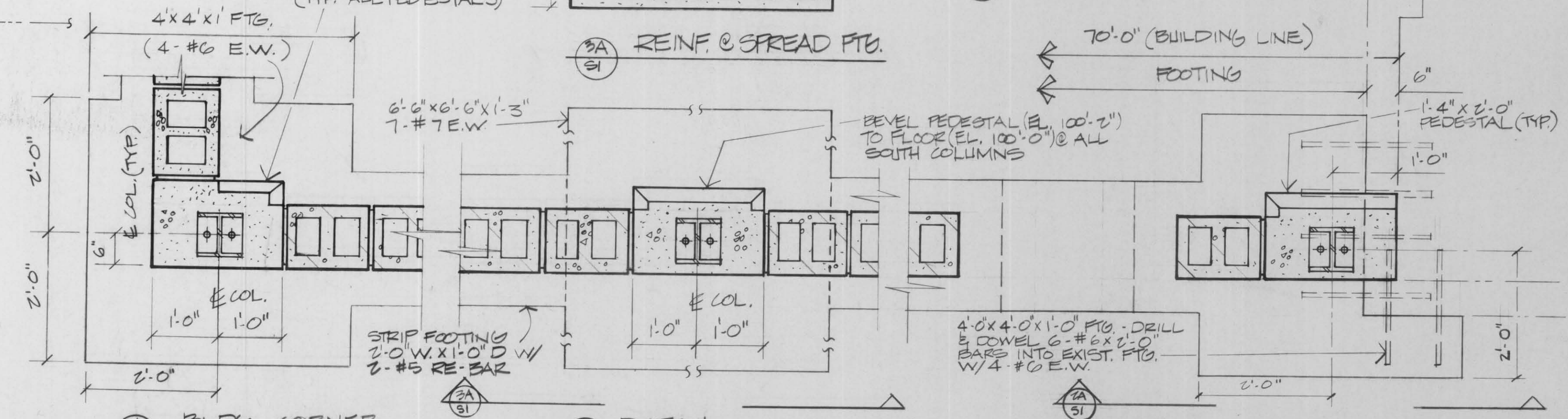
DETAIL @ CORNER
3/4" = 1'-0"



REINF. & SPREAD FTG.



ELEVATION - STEPPED FTG.
3/4" = 1'-0"



BLOC. CORNER
3/4" = 1'-0"

DETAIL
3/4" = 1'-0"

DETAIL @ CORNER
3/4" = 1'-0"

NO.	BY	DATE	REVISIONS	ITEM	DESIGN	CHECKED



LINCOLN COUNTY
VEHICLE STORAGE ADDITION
TOMAHAWK, WISCONSIN

FOUNDATION PLAN

FILE NO.
89003
DATE
AUG. 88
S1