

GENERAL NOTES

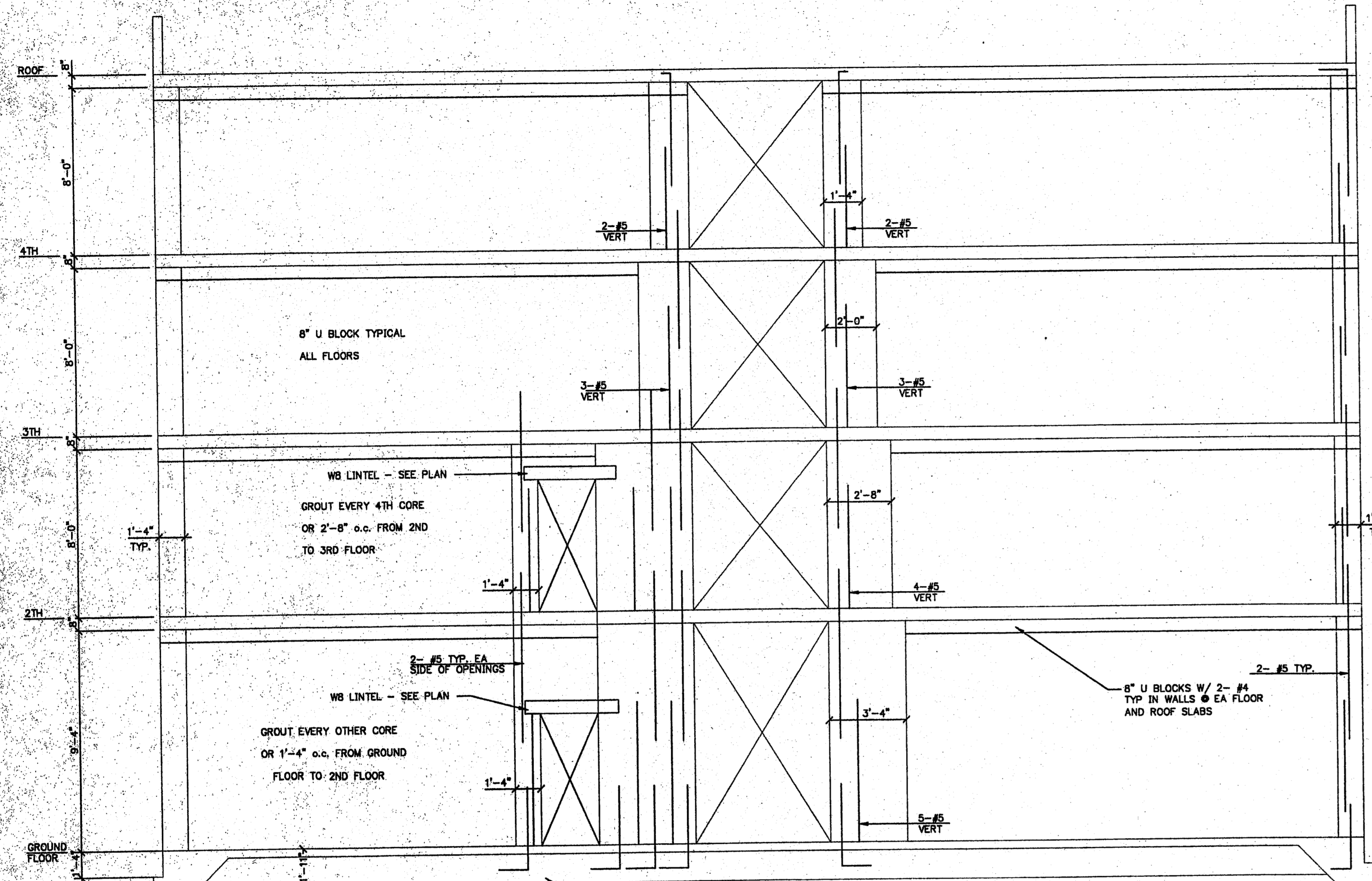
- A. FOUNDATIONS
- FOUNDATIONS ARE DESIGNED FOR A MAXIMUM SOIL BEARING CAPACITY OF 2500 PSF FOR COLUMN FOOTINGS AND CONTINUOUS WALL FOOTINGS. TOPS OF ALL FOOTINGS SHALL BE 1'-4" BELOW FINISHED FLOOR UNLESS NOTED. FOOTINGS SHALL BEAR ON COMPACTED ENGINEERED FILL SOILS PLACED AS RECOMMENDED IN THE GEOTECHNICAL REPORT.
 - THE SITE WHICH INCLUDES THE STRUCTURE AREA AND EXTEND TEN (10) FEET BEYOND THE PERIMETER OF THE BUILDING SHALL BE CLEARED OF ALL TOP SOIL, VEGETATION, EXISTING FILL SOILS, ALLUVIAL SOILS, PLASTIC SOILS AND ANY OTHER DELETERIOUS MATERIALS. THE SITE SHALL THEN BE PROOF ROLLED WITH 20-TON STATIC HEIGHT PNEUMATIC-TIRED ROOLLER. ANY SOFT, PUMPING AND YIELDING SOILS SHALL BE STABILIZED OR REMOVED. ANY REQUIRED STRUCTURAL FILL SHALL BE PLACED UNDER THE BUILDING IN LOOSE LIFTS OF EIGHT INCHES AND COMPACTED TO A MINIMUM OF 95 PER CENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557) AT OR SLIGHTLY ABOVE OPTIMUM MOISTURE.
 - ALL SITE WORK SHALL BE DONE UNDER THE DIRECTION OF A QUALIFIED SOILS ENGINEER. ALL OF THE DIRECTIONS REQUIRED IN THE GEOTECHNICAL INVESTIGATION PREPARED FOR THE SITE BY THE CHAMBLEE CO., INC., DATED JANUARY 22, 1997 SHALL BE FOLLOWED.
 - BRACE ALL WALLS RETAINING EARTH UNTIL CONCRETE SLABS FRAMING INTO TOP OF WALLS HAVE BEEN POURED FOR A MINIMUM PERIOD OF 7 DAYS.
- B. CONCRETE AND REINFORCEMENT
- ALL CONCRETE SHALL DEVELOP A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI. ALL EXTERIOR CONCRETE SHALL BE AIR ENTRAINED @ 6%.
 - REINFORCING SHALL BE A-815 GRADE 60 IN ACCORDANCE WITH LATEST A.S.T.M. SPECIFICATIONS.
 - ALL REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH LATEST EDITION OF A.C.I. DETAILING MANUAL. ALL ACCESSORIES SHALL BE STAINLESS STEEL.
 - REINFORCING IN ALL CONCRETE WALLS AND FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS.
 - LAP ALL STEEL 30 BAR DIAMETER OR 18" MINIMUM AT SPLICES.
 - ALL OPENINGS IN SLABS WHICH ARE NOT SHOWN ON PLANS MUST BE APPROVED BY THE ENGINEERS.
 - PROVIDE 1 #5 TOP AND BOTTOM EXTRA REINFORCING BARS AROUND ALL OPENINGS IN CONCRETE. EXTEND SAME 2'-0" BEYOND EACH EDGE OF OPENINGS.
- C. LOAD BEARING WALL NOTES
- CONCRETE MASONRY UNITS FOR LOAD BEARING WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1600 PSI.
 - CONCRETE MASONRY UNITS SHALL BE LAID IN TYPE M OR TYPE S MORTAR.
 - GROUT WALLS AS SHOWN ON DRAWINGS WITH PEA-GRAVEL CONCRETE. PEA-GRAVEL CONCRETE SHALL DEVELOP A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.
 - LAP VERTICAL REINFORCING IN WALLS 48 BAR DIAMETERS.
 - ALL MASONRY SHALL BE CONSTRUCTED FOLLOWING THE BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (ACI313-79 LATEST EDITION). WALLS SHALL NOT BE GROUTED OVER 5'-0" HIGH AT ANY ONE TIME. WALLS SHALL NOT BE BUILT ABOVE 5'-0" POINTS BEFORE GROUTING. ALL MASONRY SHALL BE TESTED AND INSPECTED AS OUTLINED IN ACI313-79 SECTION 4.6.2, 4.6.3, AND 4.6.4.
- D. STRUCTURAL STEEL
- STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. SPECIFICATION A-36 (FY = 36,000 PSI). TUBE COLUMNS A 500 (FY = 46,000 PSI).
 - STRUCTURAL STEEL SHALL BE DETAILED IN ACCORDANCE WITH STANDARD PRACTICES OF A.I.S.C.
 - ALL WELDS MUST BE MADE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY.
 - SEE ARCH. DRAWINGS FOR ANGLES, CLIPS, BARS, PLATES AND OTHER ITEMS ATTACHED TO STRUCTURAL MEMBERS, AND FOR CHAMFERS ON CONCRETE COLUMNS, BEAMS, ETC.
 - PROVIDE TEMPORARY BRACING AS REQUIRED TO MAINTAIN ALIGNMENT AND SECURITY OF STRUCTURES DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN ADEQUACY OF ALL STANDARD CONNECTIONS WHICH SHALL BE DESIGNED IN ACCORDANCE WITH STANDARD PRACTICES OF A.I.S.C. SHOP DRAWING REVIEW BY OWNER SHALL BE FOR GENERAL COMPLIANCE ONLY WITH INFORMATION CONTAINED IN CONTRACT DRAWINGS AND SPECIFICATIONS.
- E. PRECAST CONCRETE HOLLOW CORE PLANKS SLABS
- PRECAST MANUFACTURER SHALL DESIGN THE HOLLOW CORE PLANKS THAT ARE TO BE USED FOR THE ROOF & FLOOR SLABS. THEY SHALL BE DESIGNED BY AN ENGINEER REGISTERED IN MISSISSIPPI USING THE MINIMUM LOADS SHOWN ON THE PLANS. ALL OPENINGS AND CONCENTRATED LOADS SHALL BE CONSIDERED IN THE DESIGN. CALCULATIONS FOR THE DESIGN SHALL BE SEALED BY THE DESIGN ENGINEER AND SUBMITTED FOR REVIEW OF LOADING CONDITIONS.
 - SEE SPECIFICATIONS FOR MINIMUM PROPERTIES TO BE USED IN THE PLANK.

revisions:

seal:

title:
 BUILDING &
 STAIR SECTIONS

date: 8-22-97
 job: 1637
 file: 97558-05
 scale: 1/4" = 1'-0"



TYPICAL ALL BLOCK WALLS
 GROUT ALL BLOCK SOLID FROM FND. TO GROUND FLOOR
 GROUT ALL BLOCK CORES SOLID @ REINF

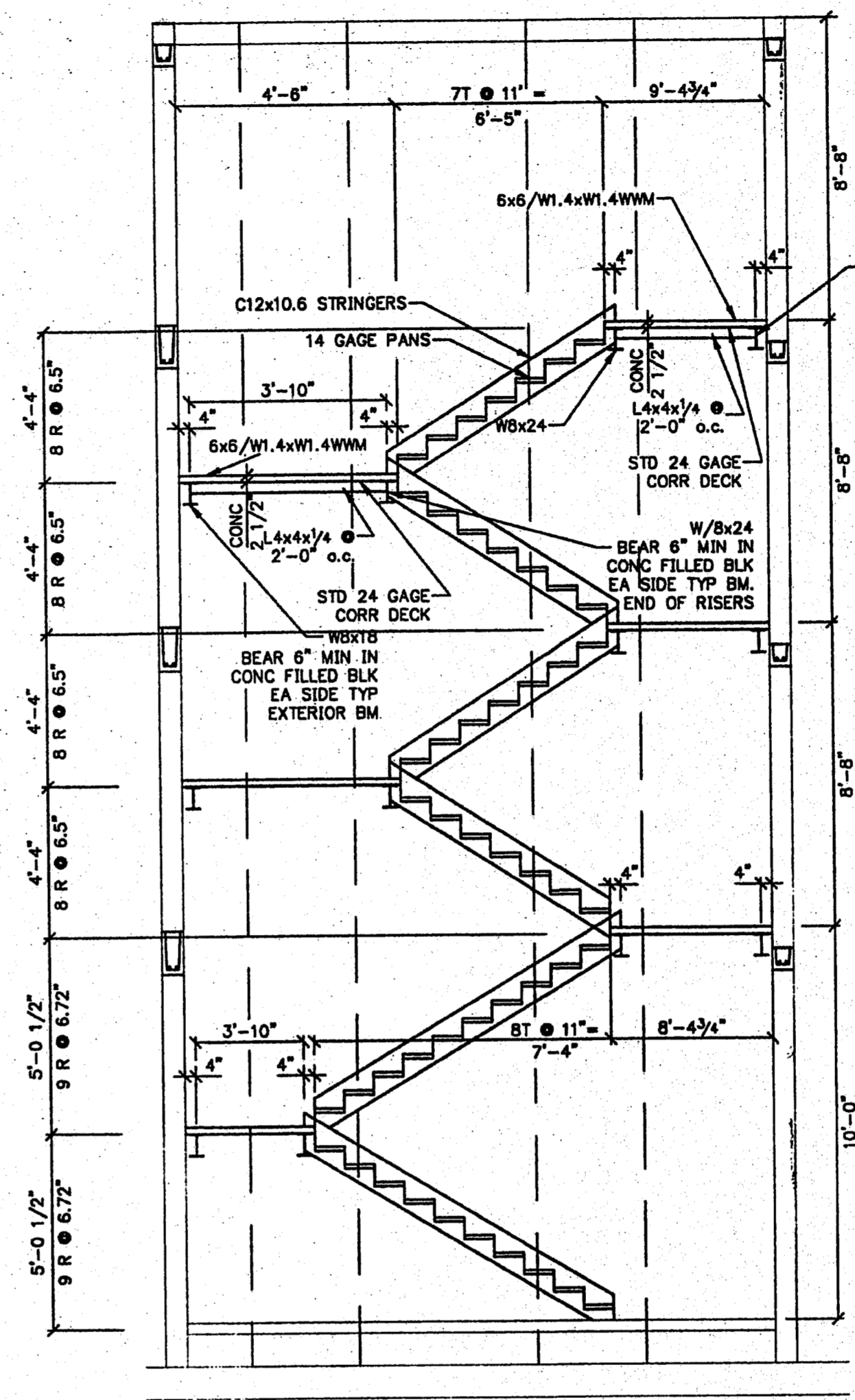
BUILDING CROSS SECTION (MASONRY WALLS)
 1/4" = 1'-0"

ALL MASONRY SHALL BE CONSTRUCTED FOLLOWING THE BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (ACI313-79 LATEST EDITION). WALLS SHALL NOT BE GROUTED OVER 5'-0" HIGH AT ANY ONE TIME. WALLS SHALL NOT BE BUILT ABOVE 5'-0" POINTS BEFORE GROUTING. ALL MASONRY SHALL BE TESTED AND INSPECTED AS OUTLINED IN ACI313-79 SECTION 4.6.2, 4.6.3, AND 4.6.4. * SOME WALLS EXTEND FARTHER INTO CORRIDOR

MASONRY TO BE REINFORCED PER ACI/ASCE 530

NOTE:
 AT ALL CORRIDORS AND DOORWAYS REINFORCING IS REQUIRED AS SHOWN ABOVE. CONCRETE WALLS AND COLUMNS ARE SHOWN ON PLAN AND IN COLUMN SCHEDULE

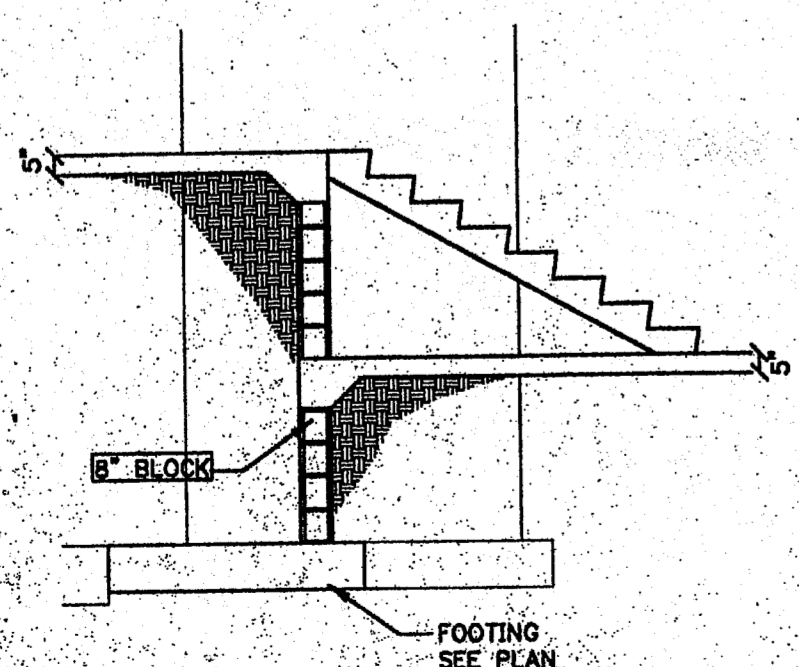
USE STD. DUR-O-WAL @ 16" o.c. IN NON REINF BLOCK
 USE STD. DUR-O-WAL @ 8" o.c. IN REINF BLOCK



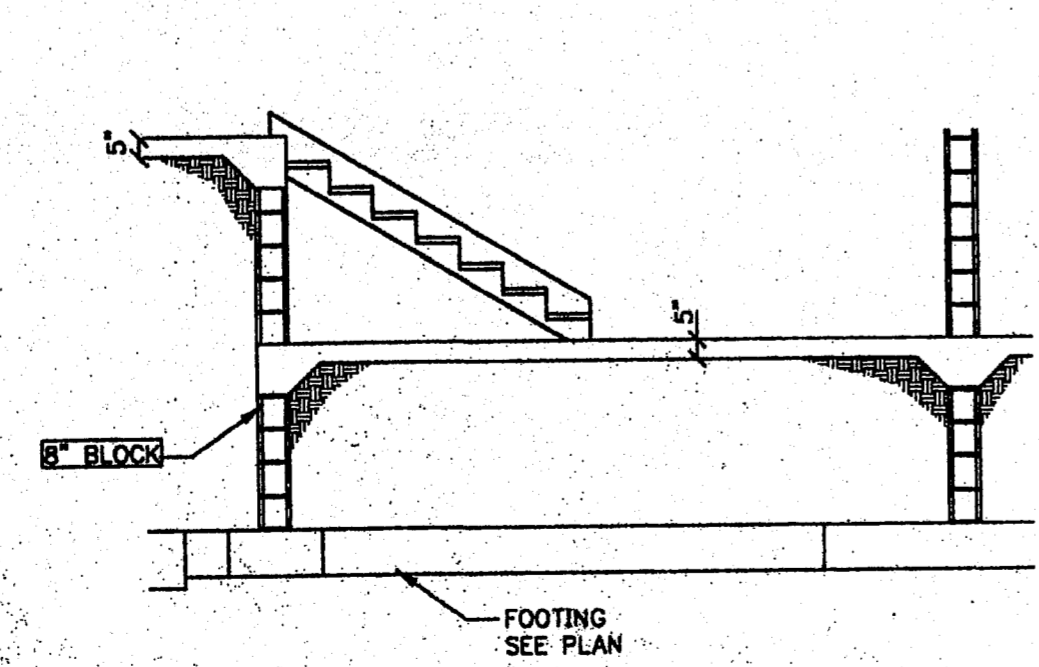
TYPICAL STAIR SECTION
 1/4" = 1'-0"

GROUT ALL STAIR & END WALL SECTIONS SOLID FULL HGT OF WALL

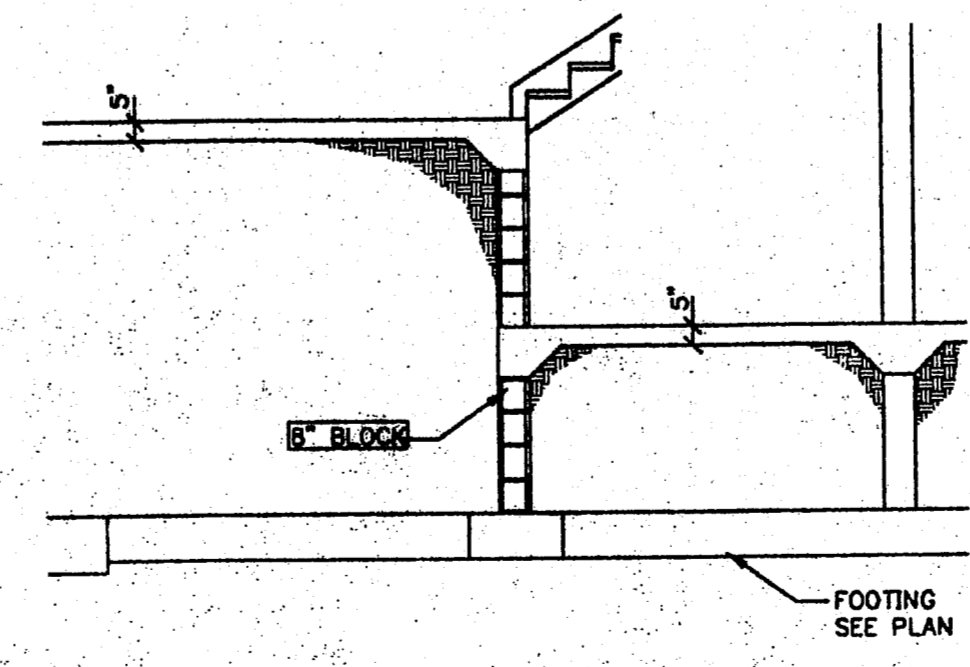
REINF 3'-4" WIDTH OF WALL ON EACH SIDE OF STAIR AT INTERIOR BEAMS W/5-#4 VERTICALS TO ROOF 1 EA CORE, DUR-O-WAL EA COURSE HORIZONTAL



SECTION 1
 N.T.S.
 REINF. NOT SHOWN



SECTION 2
 N.T.S.
 REINF. NOT SHOWN



SECTION 3
 N.T.S.
 REINF. NOT SHOWN

DESIGN LOADS		LATERAL LOADS
ROOF LIVE LOAD	MINIMUM - 20#/SQ FT	WIND - 70 MPH
SNOW LOAD P1	- 10#/SQ FT	
FLOOR LIVE LOADS		SEISMIC
TYPICAL ROOMS	- 40#/SQ FT	NOT REQUIRED BY LOCAL BLDG OFFICIAL
CORRIDORS	- 80#/SQ FT	
STORAGE AREA	- 125#/SQ FT	
PUBLIC ROOMS	- 100#/SQ FT	
STAIRS	- 100#/SQ FT	
PARTITIONS	- 20#/SQ FT	

BUILDING & STAIR SECTIONS
 SCALE: 1/4" = 1'-0"