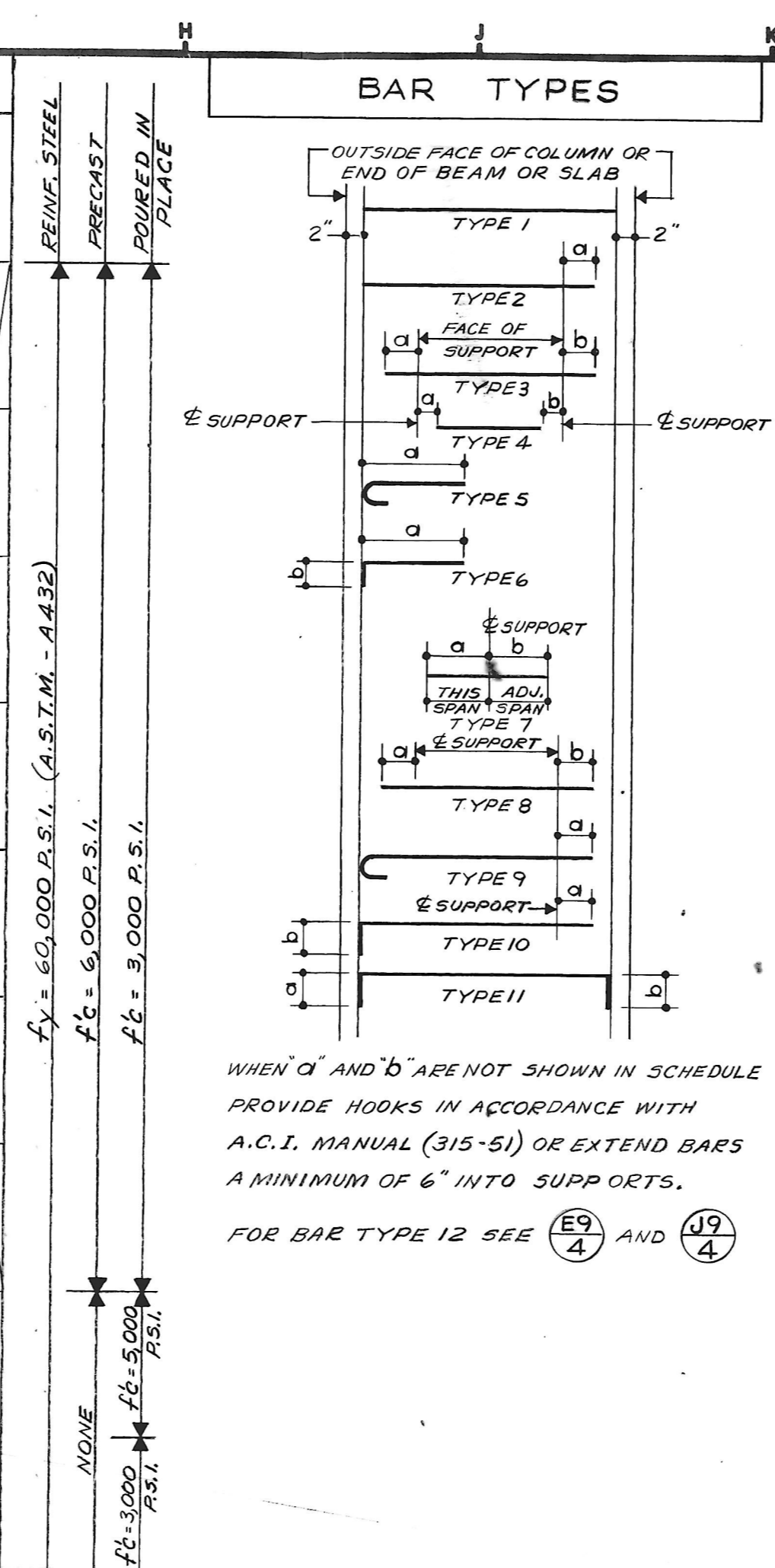


LEVEL	COLUMN SCHEDULE										REINFORCING STEEL	PRECAST	POURED IN PLACE			
	COL. NO.	A1, F1	A2, A3, F2, F3	A4, F4	A5, C.B.5, E.D.5, F.5	G6, H.6, M.6, F.6	B1, C1, D1, E1	B2, B3, C2, C3, D2, D3, E2, E3	B4, C4, D4, E4	C.B.2, C.B.3, C.B.4, E.D.4				C1.2a, C1.2b, C2.2a, C2.2b	J.6, L.6, K.6	
PENTHOUSE ROOF																
ROOF																
PENTHOUSE FLOOR	57	114	57			57	169	57			64					
6TH FLOOR	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			10" x 12" 4 #6 *3 TIES-10%					
5TH FLOOR	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			10" x 12" 4 #6 *3 TIES-10%					
4TH FLOOR	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			10" x 12" 4 #6 *3 TIES-10%					
3RD FLOOR	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			10" x 12" 4 #6 *3 TIES-10%					
2ND FLOOR	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			10" x 12" 4 #7 *3 TIES-10%					
1ST FLOOR	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL	20" x 20" 4 1/4 O.D. 1/4 SPINDEL			10" x 12" 4 #8 *3 TIES-10%					
GROUND FLOOR	20" x 20" 4 #9	20" x 20" 10 #11	20" x 20" 4 #9	20" x 20" 6 #9	20" x 20" 4 #9	20" x 20" 4 #9	20" x 20" 4 #9	20" x 20" 4 #9	16" x 30" 12 #11	32" x 24" 8 #11	10" x 12" 4 #8	20" x 20" 4 #9	20" x 20" 4 #9			
FOUNDATION	9'-0" x 9'-0" x 28" x 34"	11'-0" x 11'-0" x 30"	9'-6" x 9'-6" x 30"	5'-6" x 5'-6" x 20"	7'-6" x 7'-6" x 24"	20" x 20" x 20"	14'-0" x 14'-0" x 42"	11'-6" x 11'-6" x 36"	4'-6" x 4'-6" x 18"	8'-6" x 8'-6" x 28"	6'-6" x 6'-6" x 22"					
REINF.	18 #7 E.W.	17 #9 E.W.	21 #7 E.W.	16 #5 E.W.	18 #6 E.W.											



GENERAL NOTES

FOUNDATIONS. SPREAD FOOTING. BOTTOM OF ALL FOOTINGS SHALL BE A MINIMUM OF 2'-0" BELOW ORIGINAL GRADE. BOTTOM OF ALL EXTERIOR FOOTINGS TO BE A MINIMUM OF 3'-0" BELOW FINISHED GRADE. A SOIL BEARING CAPACITY OF 8000 PSF WAS USED IN THE FOUNDATION DESIGN. IF SOIL OF THIS BEARING CAPACITY IS NOT ENCOUNTERED AT THE ELEVATIONS INDICATED, FOOTINGS SHALL BE LOWERED OR INCREASED IN SIZE AS DIRECTED BY THE ENGINEER. ELEVATIONS SHOWN ON PLAN ARE TO THE BOTTOM OF FOOTINGS.

CONCRETE. ALL STRUCTURAL CONCRETE TO HAVE A 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:

- 4000 PSI - EXCEPT AS OTHERWISE NOTED
- 5000 PSI - NONE
- 5000 PSI - PRECAST PLANK AND BEAMS - FIRST FLOOR - SEE COLUMN SCHEDULE.
- 6000 PSI - PRECAST COLUMNS

REINFORCING STEEL. REINFORCING STEEL SHALL BE DEFORMED BARS IN ACCORDANCE WITH A.S.T.M. A-432 AND WITH DEFORMATIONS CONFORMING TO A.S.T.M. A-305. BENDS TO BE MADE AS PER DETAILS. PLACE MAIN REINFORCING STEEL SO AS TO PROVIDE 2" MINIMUM COVER FOR BEAMS AND COLUMNS AND 3/4" MINIMUM COVER FOR SLABS. ALL BEAM AND SLAB STEEL SHALL HAVE A MINIMUM EXTENSION INTO THE SUPPORTS IN ACCORDANCE WITH A.C.I. CODE. PROVIDE ACCESSORIES AND BAR SUPPORTS IN ACCORDANCE WITH MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315-15).

PRECAST CONCRETE PLANK. CONC. PLANK SHALL BE AS MANUFACTURED BY THE STRESCON INDUSTRIES OR APPROVED EQUAL. THE FABRICATED OVERALL LENGTH OF PLANKS SHALL BE HELD TO A TOLERANCE OF ONE HALF (1/2) INCH. REINFORCING SHALL BE DEFORMED BARS IN ACCORDANCE WITH ASTM. A-432 PRESTRESSED STRANDS SHALL BE IN ACCORDANCE WITH ASTM. A-416. THE MAXIMUM CAMBER OF THE PLANK SHALL BE ONE (1) INCH.

LINTELS. ALL OPENINGS IN WALLS AND PARTITIONS ARE TO BE PROVIDED WITH LINTELS. LINTELS SHALL BE STONE, CONCRETE, SLAG CONCRETE, LOADED TILE OR STRUCTURAL STEEL. PROVIDE 4" MINIMUM END BEARING FOR LINTELS IN NON-BEARING PARTITIONS AND 8" MINIMUM END BEARING FOR LINTELS IN ALL EXTERIOR WALLS AND BEARING PARTITIONS. FOR ANY OPENING NOT SPECIFICALLY SHOWN PROVIDE ONE 4"x3"x5/16" (LLV) FOR EACH 4" WALL THICKNESS AND SPANS UP TO 6'-0"; ONE 6"x3"x5/16" (LLV) FOR EACH 4" OF WALL THICKNESS AND SPANS OVER 6'-0"; OR PRECAST LINTELS AS DIRECTED BY THE ARCHITECT. CONCRETE AND LOADED TILE LINTELS IN BEARING WALLS SHALL HAVE ONE #3 TOP AND BOTTOM FOR EACH 4" OF WALL THICKNESS; AND IN NON-BEARING PARTITIONS ONE #4 TOP AND BOTTOM FOR EACH 4" OF WALL THICKNESS.

DESIGN DATA

f'c = 3000, 4000, 5000, 6000 PSI
 f'c = 0.45 f'c
 f's = 24,000 PSI

LIVE LOADS

- ROOF = 30 PSF
- 1ST FLOOR = 100 PSF
- PARKING DECK = 60 PSF
- 2ND THRU 6TH FLOOR = 50 PSF
- PENTHOUSE FLOOR = 150 PSF

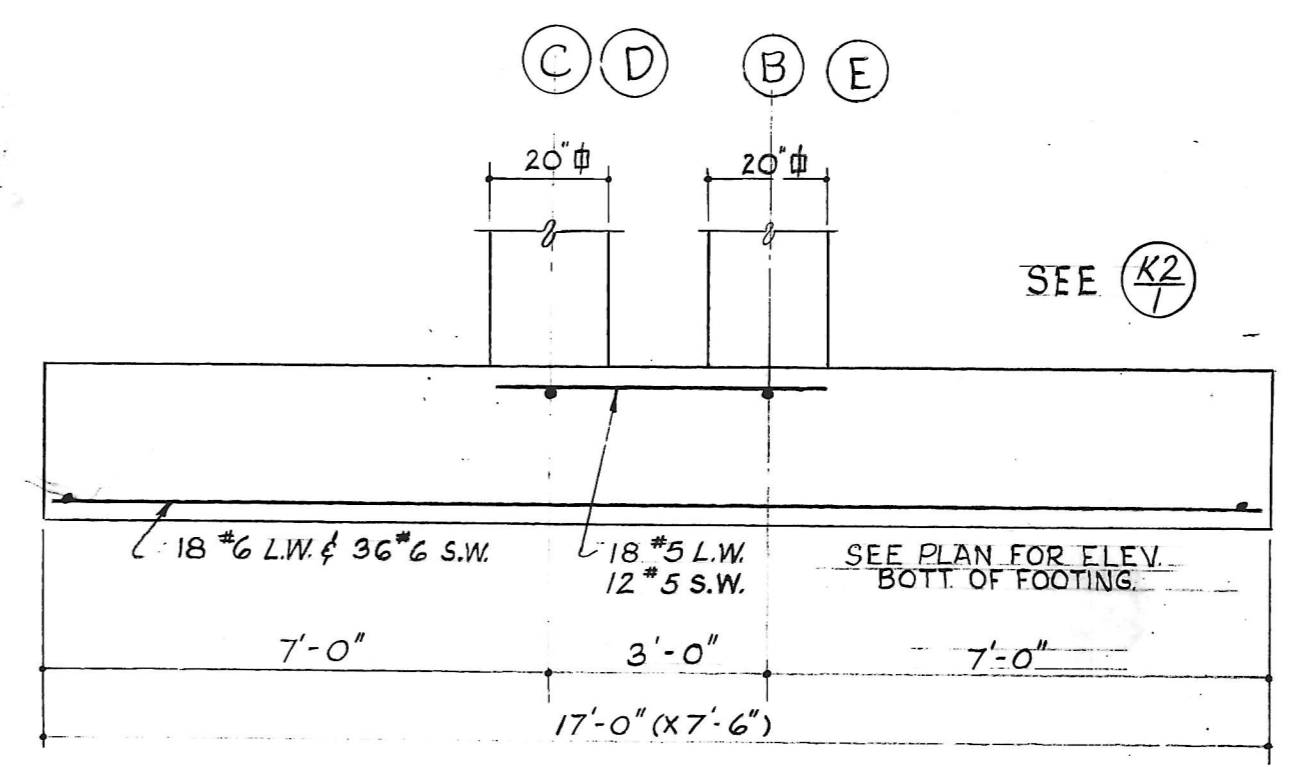
REVISIONS

NO.	DATE	ITEM	REF.

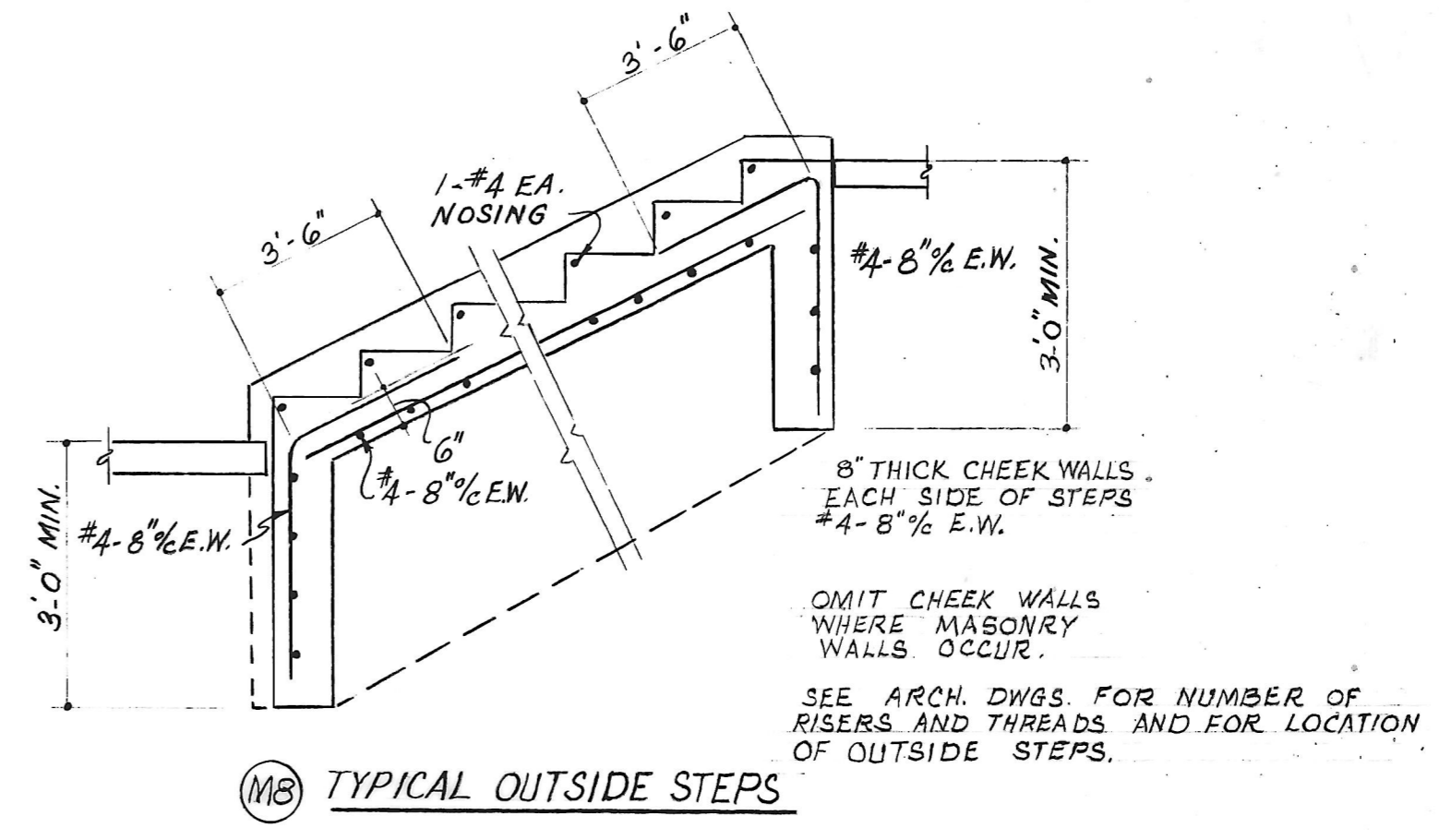
FOR ORIENTATION OF COLUMNS, PEDESTALS AND FOOTINGS THE FIRST DIMENSION GIVEN IN THE COLUMN SCHEDULE IS IN THE EAST-WEST DIRECTION.

MARK	CONCRETE BEAM SCHEDULE			
	SIZE	BOTTOM BARS	TOP BARS	STIRRUPS
B1	12 24	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 10% E.E.
B2	12 24	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 10% E.E.
B3	12 24	9 12		1/2, 10% E.E.
B4	8 24	9 3		1/2, 10% E.E.
B5	12 22	8 3		1/2, 10% E.E.
B6	10 16	6 3		
B7	12 28	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 10% E.E.
B8	12 28	3 10 12		1/2, 10% E.E.
B9	12 28	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 12% E.E.
B10	12 28	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 12% E.E.
B11	12 28	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 12% E.E.
B12	12 28	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 12% E.E.
B13	12 28	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 12% E.E.
B14	12 22 1/2	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 10% E.E.
B15	12 22 1/2	10 7 4'-0" 1'-0"	10 7 4'-0" 1'-0"	1/2, 10% E.E.
B16	12 22 1/2	11 12		1/2, 10% E.E.
B17	12 24	3 11 3		1/2, 10% E.E.
B18	12 24	3 10 3		1/2, 10% E.E.
B19	20 30	6 11 3		1/2, 12% E.E.
B20	20 30	3 9 3		1/2, 12% E.E.
B21	20 30	5 10 3		1/2, 12% E.E.
B22	20 30	3 9 3		1/2, 12% E.E.
B23	20 30	7 11 3		1/2, 12% E.E.
B24	20 30	3 9 2		1/2, 12% E.E.
B25	24 30	8 11 3		1/2, 12% E.E.
B26	24 30	3 11 3		1/2, 12% E.E.
B27	24 30	7 10 3		1/2, 12% E.E.

MARK	CONCRETE BEAM SCHEDULE			
	SIZE	BOTTOM BARS	TOP BARS	STIRRUPS
B28	24 30	3 11 3		1/2, 10% E.E.
B29	24 30	9 11 3		1/2, 10% E.E.
B30	24 30	3 9 2		1/2, 10% E.E.
B31	24 30	5 11 3		1/2, 10% E.E.
B32	24 30	3 11 3		1/2, 10% E.E.
B33	24 30	8 11 3		1/2, 10% E.E.
B34	20 30	8 11 3		1/2, 10% E.E.
B35	9 24	2 8 3		1/2, 10% E.E.
B36	20 30	3 11 3		1/2, 10% E.E.
B37	20 30	3 11 3		1/2, 10% E.E.
B38	12 30	4 11 3		1/2, 10% E.E.
B39	20 30	3 10 3		1/2, 10% E.E.
B40	12 30	3 11 3		1/2, 10% E.E.
B41	12 12	2 6 3		1/2, 10% E.E.
B42	12 30	3 11 3		1/2, 10% E.E.

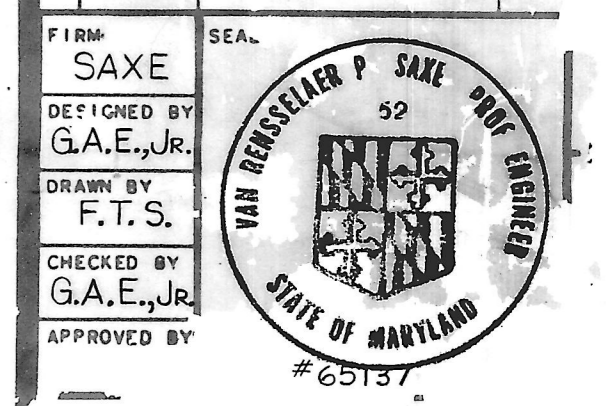


(L6) COMBINED FOOTING B1 & C1 AND D1 & E1



(M8) TYPICAL OUTSIDE STEPS

MARK	THICKNESS	SOLID SLAB SCHEDULE				TEMP BARS		
		SIZE	SPACING	TYPE	SIZE	SPACING		
S1	6	5	12	3	5	12	5	12
S2	6	5	12	3	4	12	5	12
S3	6	5	12	3	6	12	5	12



STRUCTURAL ENGINEERING
 VAN RENSSELAER P. SAXE
 1701 ST. PAUL ST. BALTO, MD. 21202

MECHANICAL-ELECTRICAL ENGINEERING
 HENRY ADAMS, INC.
 2315 ST. PAUL ST. BALTO, MD. 21218

ARCHITECTS
 CHRISTIE, NILES & ANDREWS
 1597 31st Street, N.W., Washington, D.C. 20007

OFFICE BUILDING FOR NOTTINGHAM FARMS INC.
 102 W. PENNSYLVANIA AVE. TOWSON, MARYLAND 21204

SCHEDULES

JOB NO. 6522
 SCALE AS SHOWN
 DATE 27 SEP 66
 LAST REV.

