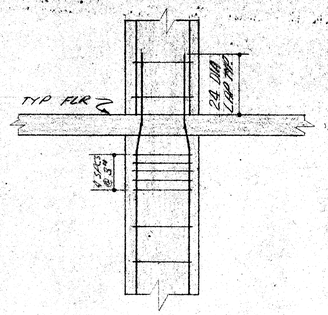
BEAM SCHEDULE

MARK	SIZE B X D	REINFORCING STEEL BOTT. BARS	REINFORCING STEEL TOP BARS	STIRRUPS * NO. & SIZE	STIRRUPS * SPACING EA. END	REMARKS
B1	7⅝"x14¼"	2 #7	2 #6A 2 #8C		*	
B2	7⅝"x14¼"	2 #7	—		*	
B3	7⅝"x14¼"	2 #7	2 #6A 2 #8C		*	
B4	7⅝"x14¼"	2 #5	2 #6D x 11'-6"		*	
B5	7⅝"x14¼"	2 #5	2 #6D		*	
B6	7⅝"x14¼"	2 #9	2 #8A 2 #10C		*	
B7	8"x17"	2 #7	2 #6A 2 #8C		*	
B8	8"x18¼"	2 #6	2 #6C *		*	* INTO B9
B9	8"x12⅝"	2 #6	—		*	
B10	7⅝"x14¼"	2 #7	2 #5D		*	
B11	7⅝"x14¼"	2 #6	2 #5D		*	
B15	12"x8⅝"	2 #6	2 #6D		*	
B16	12"x8⅝"	3 #6	2 #6D		*	
B20	5⅝"x20½"	1 #6 x 2'-8"	1 #8A x 7-8"		⊂	
B19	8"x35¾"	2 #6	—		*	ADD 2 #6 @ MID-HEIGHT
RB1	7⅝"x19"	2 #6	2 #6A 2 #6C		*	
RB2	7⅝"x19"	2 #6	—		*	
RB3	7⅝"x19"	2 #6	2 #6A 2 #8C		*	
RB4	7⅝"x19"	2 #6 x 4'-6"	2 #6A x 7-0"		*	HOOK @ END
RB5	7⅝"x19"	2 #6	2 #6D		*	
RB6	7⅝"x19"	2 #7	2 #6A 2 #8C		*	
RB7	7⅝"x19"	2 #7	2 #6A 2 #8C		*	
RB8	7⅝"x19"	2 #6	2 #6C *		*	* INTO RB9
RB9	7⅝"x27¾"	2 #6	—		*	
RB10	7⅝"x19"	2 #6	2 #6D		*	
RB11	7⅝"x19"	2 #6	2 #6D		*	
RB12	16"x 12'-11"/20"	3 #7	2 #7A 1 #8C *		*	ARCHED BEAM (REMAINS IN 2ND FLR OVER MAIN. COLS)
RB13	16"x 12"/20"	3 #9	2 #8D		*	ARCHED BEAM
RB17	7⅝"x19½"	2 #8	2 #6D		*	
RB18	7⅝"x19½"	2 #7	2 #6A 1 #8C		*	
RB19	7⅝"x19½"	2 #6	2 #9 ⌐		*	
RB21	9"x 14"/20"	2 #9	2 #7A 1 #9C		*	CURVED BEAMS BOTT BARS DRAPED
RB22	8"x 14"/20"	2 #8	2 #8C		*	
RB23	8"x 14"/20"	2 #6	2 #6A 1 #7C		*	
EFB10	7⅝"x13"	2 #5	2 #5D		*	
EFB11	7⅝"x13"	2 #5	2 #5D		*	
EFB12	7⅝"x13"	2 #5	2 #6A x 10'-8"		*	HOOK @ EFB 14
EFB13	7⅝"x13"	2 #5	2 #6A x 6'-9"		*	
EFB14	7⅝"x13"	2 #5	2 #5D		*	
ERB10	7⅝"x12"	2 #5	2 #5D		*	
ERB11	7⅝"x12"	2 #5	2 #5D		*	
ERB12	7⅝"x20"	2 #6	2 #6D x 13'-8"		*	
ERB14	7⅝"x12"	2 #5	2 #5D		*	



NOTE:
IN ALL COLUMNS & SHEARWALLS, BELOW AN OFFSET BEND IN VERTICAL BARS, 3 ADDITIONAL #3 TIES TO BE PROVIDED AS SHOWN.

MAXIMUM SPACING OF COLUMN TIES			
BAR SIZE \ COLUMN SIZE	8"	12"	
#10	8"	12"	
#9			
#8			
#7			
#6		12"	
#5	8"	10"	

GROUP 1:
A4, A5, A9, A10, J4, J5, J9, J10, C7, C9, C10, H7, H9, H10

GROUP 2:
B1, B13, F1, D1, G1, F1, H1, I1, I13

GROUP 3:
B3, B5, B9, B11, C3, C5, D3, D5, F3 F5, G3, G5, H3, H5, I3, I5, I9, I11

GROUP 4:
B6, B7, C6, D6, F6, G6, H6, I6, I7

STEEL STRENGTHS

VERTICAL STEEL IN COLUMNS & SHEARWALLS = 60,000 PSI fy
HORIZONTAL STEEL IN SHEARWALLS, SLABS, BEAMS = 40,000 PSI fy
COLUMN TIES & BEAM STIRRUPS: 40,000 PSI fy
STEEL IN FOOTINGS = 40,000 PSI fy
DOWELS IN FILLED CELLS, ETC = 40,000 PSI fy


4 BARS 1 TIE / SET

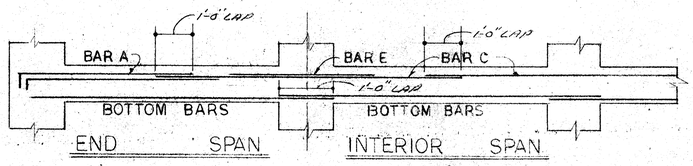

6 BARS 2 TIES / SET

COLUMN SCHEDULE

	ELEVATION	fc	fy	COLUMN NUMBERS GROUP 1	GROUP 2	GROUP 3	GROUP 4	A6, A7 J6, J7	A2, A12 J2, J12	C13 H13	E7	E8
ELEVATOR ROOF											8"x16" 4 #6	8"x16" 4 #6
ELEV. MACH. ROOM FLOOR											8"x16" 4 #6	8"x16" 4 #6
ROOF				8"x20" 6 #5	12"x16" 4 #6	12"x16" 4 #6	12"x16" 4 #6	8"x20" 6 #5	8"x20" 6 #5	12"x16" 4 #6	8"x16" 4 #6	8"x16" 4 #6
8TH FLOOR				8"x20" 6 #5	12"x16" 4 #6	12"x16" 4 #6	12"x16" 4 #6	8"x20" 6 #5	8"x20" 6 #5	12"x16" 4 #6	8"x16" 4 #6	8"x16" 4 #6
7TH FLOOR		3000 PSI	60000PSI	8"x20" 6 #5	12"x16" 4 #6	12"x16" 4 #7	12"x16" 4 #6	8"x20" 6 #6	8"x20" 6 #6	12"x16" 4 #6	8"x16" 4 #7	8"x16" 4 #6
6TH FLOOR				8"x20" 6 #6	12"x16" 4 #7	12"x16" 4 #7	12"x16" 4 #7	8"x20" 6 #6	8"x20" 6 #6	12"x16" 4 #6	8"x16" 4 #7	8"x16" 4 #6
5TH FLOOR				8"x20" 6 #6	12"x16" 4 #7	12"x16" 6 #7	12"x16" 4 #7	8"x20" 6 #7	8"x20" 6 #6	12"x16" 4 #7	8"x16" 4 #8	8"x16" 4 #6
4TH FLOOR				8"x20" 6 #7	12"x16" 4 #8	12"x16" 6 #8	12"x16" 6 #7	8"x20" 6 #7	8"x20" 6 #6	12"x16" 4 #7	8"x16" 4 #8	8"x16" 4 #6
3RD FLOOR				8"x20" 6 #7	12"x16" 4 #8	12"x16" 6 #9	12"x16" 6 #8	8"x20" 6 #7	8"x20" 6 #7	12"x16" 4 #7	8"x16" 6 #8	8"x16" 4 #7
2ND FLOOR				8"x20" 6 #8	12"x16" 4 #9	12"x16" 6 #10	12"x16" 6 #9	8"x20" 6 #9	8"x20" 6 #8	12"x16" 4 #8	8"x16" 6 #8	8"x16" 4 #7
1ST FLOOR				ALL SIZES & REINF. 1ST FL. TO ROUND SAME AS ABOVE. 30 DIA. LAP AT FOUND.								
FOUNDATION												

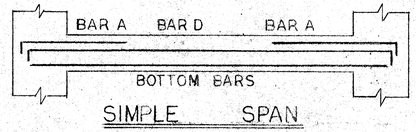
PRECAST OR CAST-IN-PLACE LINTELS

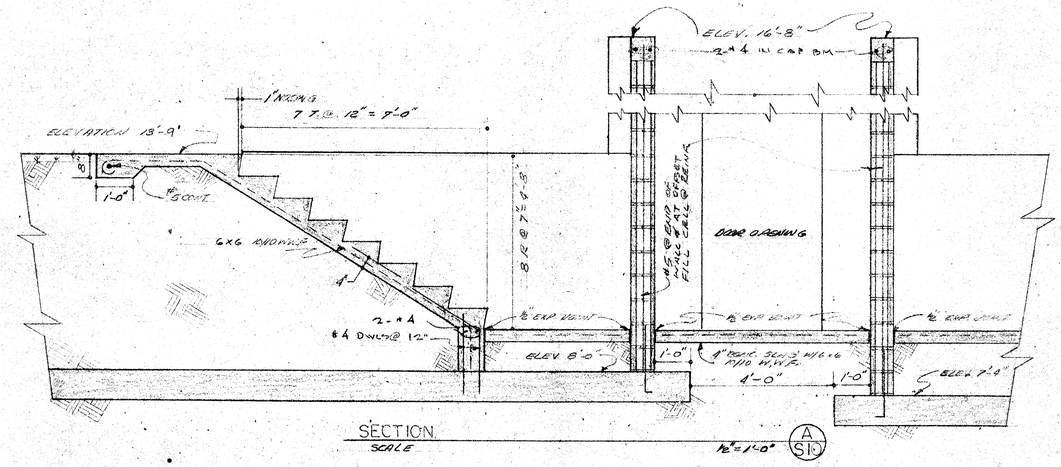
ALL OPENINGS IN MASONRY WALLS SHOWN ON THE ARCHITECTURAL SHEETS OR REQUIRED DUE TO MECHANICAL, PLUMBING, ELECTRICAL, ETC. SHALL BE BRIDGED WITH H PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE LINTEL. LINTELS SHALL BE SOLID WIDTH AT MASONRY SUBSTRATE AND HAVE A MINIMUM OF 8" BEARING AT EACH END OF OPENING. LINTELS SHALL BE REINFORCED AS REQUIRED FOR LOADS CARRIED AND SHALL HAVE CAPACITY STENCILLED ON THEM. WHERE 8" MINIMUM MASONRY BEARING IS NOT AVAILABLE DOWEL OUT FROM COLUMNS AND KEY INTO IN-PLACE LINTELS SHALL BE PROVIDED AND INSTALLED BY MASONRY SUB-CONTRACTOR. CAST-IN-PLACE LINTELS SHALL BE BY GENERAL CONTRACTOR.



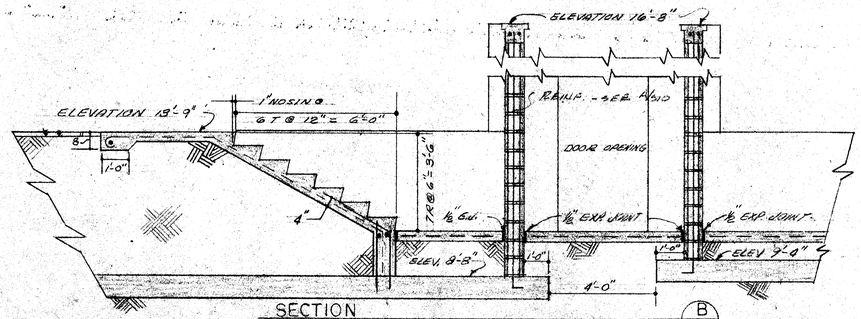
BAR LAPS

LAP COLUMN BARS 24 MIN. (SMALLER BAR) AT FLOORS & 30 DIA. LAP AT FOUNDATION

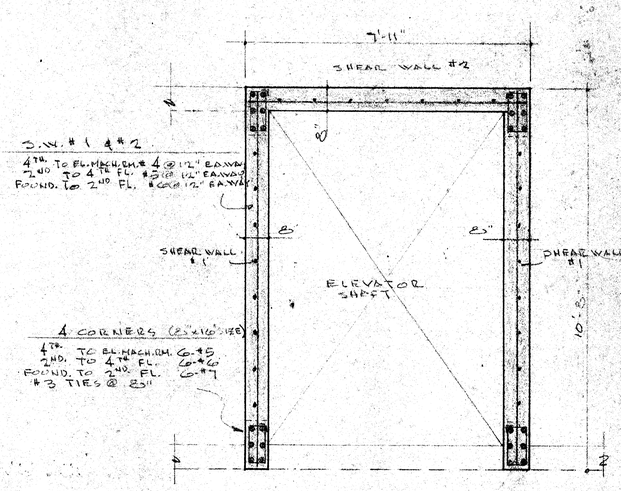




SECTION
SCALE ½" = 1'-0"
A S10



SECTION
SCALE ½" = 1'-0"
B S10



SHEAR WALL REINFORCEMENT
SCALE ½" = 1'-0"
CONC: 3,000 PSI f'c
STEEL: VERT. GRADE 60
HORIZ. GRADE 40

NOTE

COLUMNS & BEAMS SCHEDULED AS 8" SHALL BE A TRUE 7⅝" TO MATCH ADJUTTING MASONRY

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