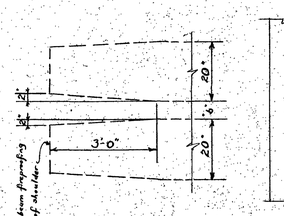
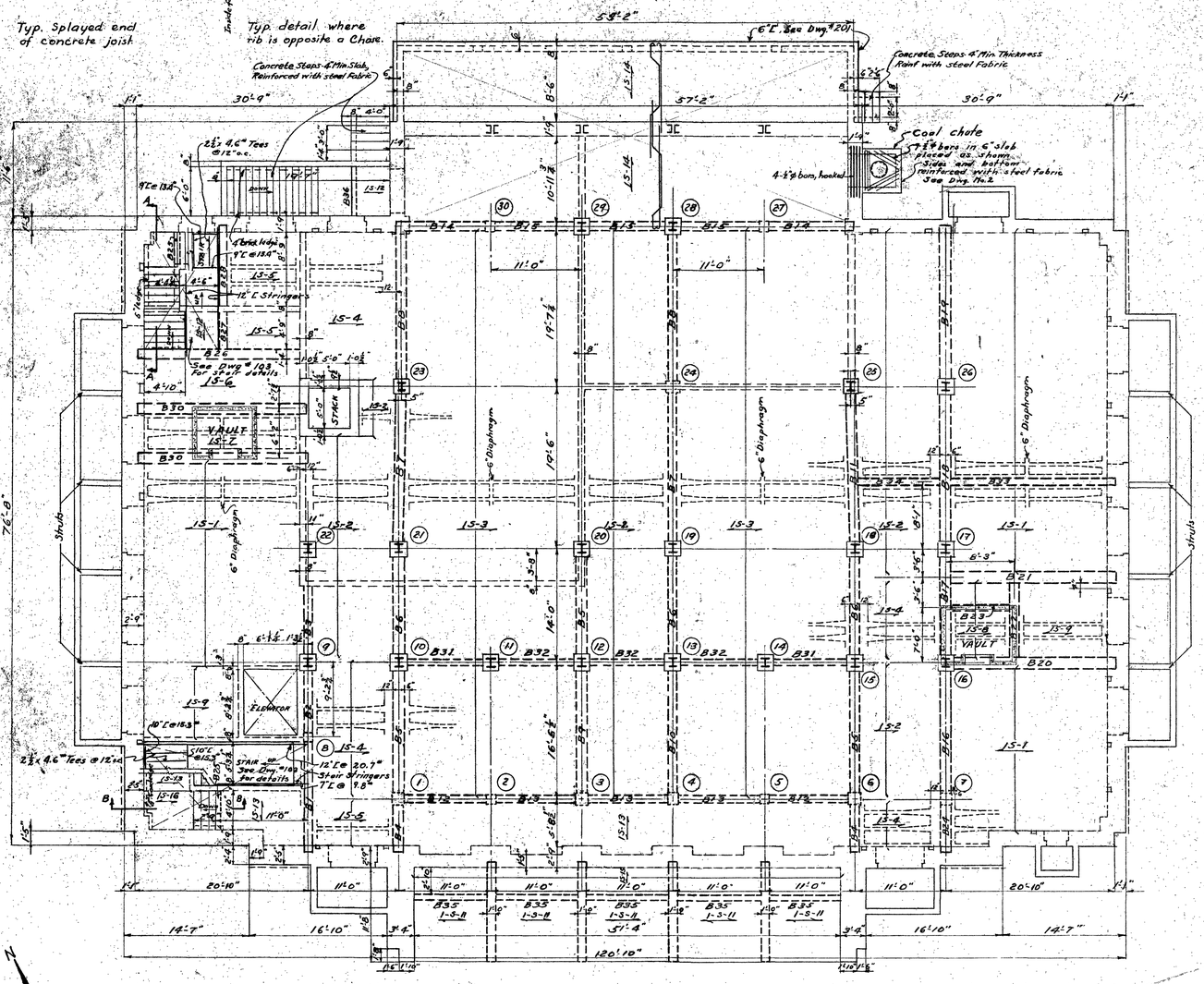


Typ. Splayed end of concrete joist

Typ. detail where rib is opposite a Chase.



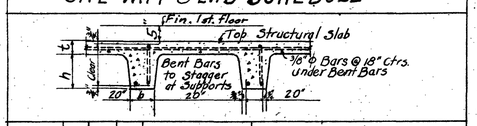
FIRST FLOOR FRAMING PLAN

Scale 1" = 1'-0"

CONCRETE BEAM SCHEDULE

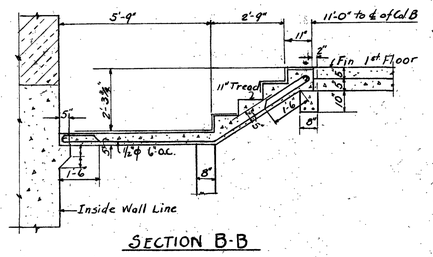
Mark	Width	Depth	Tee web	Main Bars Type A	Main Bars Type B	Type	Size	Stirrups Spacing	Remarks
B1	12	16	24	2-⅝"φ	2-⅞"φ	E	⅜"φ	Col. 2", 3@4", 6@7" Wall 2", 8@7"	Extend Bent bars thru B2 into B3
B2	12	16	24	2-½"φ	-	D	⅜"φ	2", 2@7" Each End	Top Bars from B1 & B3.
B3	14	16	26	2-⅝"φ	2-⅞"φ	E	⅜"φ	Col. 2", 3@3", 3@4", 8@6" Wall 2", 9@4", 4@6"	Same as B1.
B4	14	22	26	2-⅝"φ	-	E	⅜"φ		Bars Top from B6
B5	14	22	32	2-1"□	2-1"□	E	⅝"φ	Col. (2, 10, 18) 2", 7@3, 5@4, 2@6, 4@8 Col. (1, 6, 20) 2", 6@4, 2@6, 5@8	Ext. bent bars thru B6 into B7 & B11 typical. Ext. top bars except 20 and top.
B6	14	22	32	2-1"φ	-	E	⅝"φ	2", 3@4, 2@6, 3@8 Each End	Top Bars from Adj. Spans.
B7	14	24	32	2-1"φ	2-1"φ	E	⅝"φ	2", 4@3, 4@4, 4@6, 3@10 Each End	Extend Bent Bars thru B6 into B5 typ.
B8	16	24	32	2-1"□	2-1⅛"□	E	⅝"φ	Col. 23, 2", 3@3, 6@4, 3@6, 3@10 Wall 2", 6@4, 3@6, 3@10	2-⅝"φ Bars 6'-0" long, extra in top, over support ft. Col. 23 & 24.
B9	14	22	32	2-1"φ	2-1"□	E	⅝"φ	Col. 12, 2", 7@3, 5@4, 2@6, 4@8 Col. 3, 2", 6@4, 2@6, 5@8	
B10	14	22	32	2-1"φ	2-1"□	E	⅝"φ	Col. 13, 2", 6@3, 4@4, 2@6, 2@8 Col. 4, 2", 6@4, 2@6, 4@8	Extend Bent Bars thru B6 into B7, typical.
B11	16	24	32	2-1"□	2-1⅛"□	E	⅝"φ	Col. 18, 2", 6@4, 4@6, 2@8, 4@10 Col. 15, 2", 2@6, 2@8, 4@10	Ext. bent bars thru B6 into B5 typ.
B12	14	20	28	2-⅝"φ	2-⅞"φ	E	⅝"φ	Col. 1, 2", 2@3, 2@8 Col. 16, 2", 2@4, 2@8	
B13	14	20	28	2-½"φ	2-⅝"φ	E	⅝"φ	2", 2@4, 2@8 Each End	
B14	12	18	24	2-½"φ	2-⅝"φ	E	⅝"φ	Col. 3, 2", 3@5, 4@8 Wall 2", 2@8	
B15	12	18	24	2-½"φ	2-⅝"φ	E	⅝"φ	2", 4@8 Each End	
B16	18	22	36	2-1"φ	2-1"φ	E	½"φ	Col. 16, 2", 3@3, 3@4, 5@8 Col. 7, 2", 2@4, 6@8	Extend Bent Bars thru B2 & 4 hook ends.
B17	18	24	36	2-⅞"φ	2-1"□	E	½"φ	Col. 11, 2", 4@3, 2@8 Col. 16, 2", 4@6, 2@7, 3@10	
B18	18	24	36	2-1"φ	2-1"□	E	½"φ	2", 6@3, 5@4, 3@6, 2@10 Each End	
B19	18	24	36	2-1"□	2-1"□	E	½"φ	Col. 26, 2", 3@3, 6@4, 3@6, 3@10 Wall 2", 4@4, 3@6, 3@10	1-⅜"φ Extra Bar 6'-0" long over support Col. 26
B20	21	22	38	3-1"□ Bottom	3-1"□ Top	E	⅝"φ	Col. 76, 2", 4@3, 6@4, 3@6, 5@8 Wall 2", 10@8	
B21	20	20	34	3-1"□ Bottom	3-1"□ Top	E	⅝"φ	B17 2", 4@6, 4@8 Wall 2", 6@8	
B22	14	20	26	2-1"φ	2-1"φ	E	⅝"φ	B20 2", 5@3, 2@6, 2@8 B21 2", 6@4, 2@6	
B23	9	12½		2-⅝"φ	2-⅞"φ	E	⅝"φ	2", 6@5 Each End	
B24	16	22	36	2-⅝"φ Bottom	2-⅝"φ Top				Top Bars from B16
B25	8	10		2-½"φ	2-½"φ				
B26	16	16	22½	4-⅝"φ Bottom	4-⅝"φ Top				
B27	10	12½	16½	2-½"□ Bottom	2-½"□ Top				Extra top bars from B28
B28	10	12½	16½	2-½"□	2-½"□	D	⅝"φ	2", 6@5 Each End	Extend Bent Bars thru B27 & hook ends.
B30	16	16	28	3-1"□ Bottom	3-1"□ Top	E	½"φ	2", 12@6 Each End	
B31	8	12	20	2-½"□	2-½"□	E	⅝"φ	5, 4@3, 5@6 Each End	
B32	8	12	20	2-½"φ	2-½"φ				
B33	10	16	21	2-⅝"φ	2-⅞"φ	E	½"φ	B18 2", 4@6, 8@7 Wall 2", 8@7	Extend Bent Bars thru B34 & hook ends.
B34	10	16	21	2-⅝"φ Bottom	2-⅝"φ Top				Top Bars from B33
B35	12	12		2-½"φ	2-½"φ				See Dwg. No. 201.
B36	8	12		2-½"φ	2-½"φ				

ONE WAY SLAB SCHEDULE

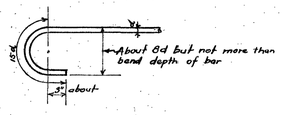


Mark	t	h	b	Reinf. Bars Straight	Reinf. Bars Bent	Remarks
1-S-1	2½	10	5	1-⅞"φ	1-1"φ	Extend Top Bars thru 1-S-2, into 1-S-3. Splay both Ends. typical
1-S-2	2½	10	5	1-⅞"φ Bent	–	Extend Top Bars from 1-S-1, 1-S-3. Splay both Ends
1-S-3	2½	10	5	1-⅞"φ	1-⅞"φ	Extend Top Bars thru 1-S-2, into 1-S-1. Splay both Ends typical
1-S-4	2½	10	5	1-½"φ	1-¾"φ	Extend Top Bars from 1-S-3 Splay interior End.
1-S-5	2½	10	5	1-½"φ	1-½"φ	Not Splayed
1-S-6	3	12	6	1-1"□	1-1"φ	Splay both Ends
1-S-7	6	8	6	1-1"□	1-1"□	Splay both Ends
1-S-8	6½	6	5	1-⅝"φ	1-⅝"φ	Not Splayed
1-S-9	2½	10	5	1-⅝"φ	1-⅞"φ	Not Splayed.
1-S-11	5"	Solid	Slab	½"φ, 6" c/c.		Alternate Bars Bent
1-S-12	5"	"	"	⅜"φ, 5" Ctrs.		
1-S-13	5	"	"	⅜"φ, 5" Ctrs.		Alternate Bars Bent.
1-S-14	6	"	"	½"φ, 6" Ctrs.		Alternate Bars Bent.
1-S-15	4	"	"	Steel Fabr.		
1-S-16	5	"	"	½"φ, 6" Ctrs.		Alternate Bars Bent.

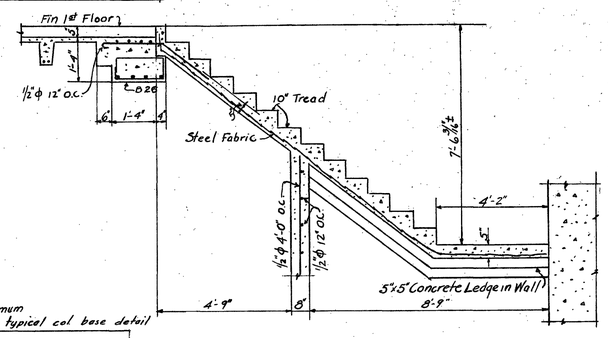
Use ⅜"φ, 18" o.c. for temperature bars in all solid slabs.



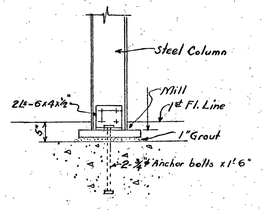
SECTION B-B



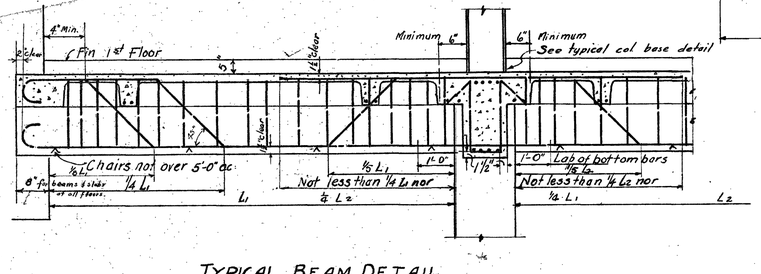
DETAIL OF BAR HOOKS



SECTION A-A



TYPICAL COLUMN BASE



TYPICAL BEAM DETAIL

Notes:
For typical slab detail, see Dwg. #402-A.
For general notes, see Dwg. #402-A.
For Vault reinforcement, see Dwg. #402-A.
For typical ceiling details, see Dwg. #404-A.
Inserts or bond blocks for the attachment of elevator guide rails shall be placed in forms by the Construction Contractor before concrete is poured.
Inserts or bond blocks and all information relative to their location, to be furnished by the elevator contractor.

J. A. Wilson
ACTING SUPERVISING ARCHITECT
TREASURY DEPARTMENT
APPROVED: LOUIS A. SIMON 4-16-32
SUPT. ARCHITECTURAL DIVISION
T. C. BROOKS, 4-23-32
SUPT. STRUCTURAL DIVISION
N. S. THOMPSON,
SUPT. MECHANICAL DIVISION

58517

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FEB 8 1998

BUILDING U.S.P.O.C.T.H., ETC.
CITY L.A.S. VEGAS, NEV.
DRAWN BY WARREN DATE 3-31-31.
CHECKED BY HILL DATE 4-22-31.
S21-279-1
DRAWING No. 401-A 32

0 5 10 20 FEET
0 1 3 6 METERS

RETURN TO ROOM 411
0036
24X