ROOF BEAM SCHEDULE

MARK	SIZE		REINFORCING – LONGITUDINAL		STIRRUPS
	W	D	NO.& SIZE	REMARKS	
RB1	13	18⅞	2-¾	CONT. IN TOP & BOTTOM	⅜ @ 12, TIES
RB2	14	17¾	3-⅞	CONT. IN TOP & BOTTOM	12-⅜ = 3,5@6
RB3	8	17¾	2-⅝	TOP & BOTTOM	NONE
RB4	16	23⅛	2-1⅛	ST. IN BOTTOM	22-½ = 3,3@6,3@9,4@12
			2-1□	BENT, TYPE 1A	
RB5	16	23⅛	2-1Φ	ST. IN BOTTOM	10-⅜ = 3,4@9
			2-1□	BENT, TYPE 2A	
RB6	16	23⅛	2-¾	ST. IN BOTTOM	NONE
			2-¾	IN TOP, TYPE 3A	
RB7	16	17¾	2-1⅛	ST. IN BOTTOM	28-½ = 3,13@6
			2-1□	BENT, TYPE 1B	
RB8	16	16	2-1¼×14'-0"	ST. IN BOTTOM	8-⅜ = 4@6
			2-1Φ×20'-0"	ST. IN TOP	
RB9	16	17¾	2-1Φ	ST. IN BOTTOM	12-⅜ = 5@6
			2-¾	BENT, TYPE 1C	
RB10	16	17¾	2-1Φ	ST. IN BOTTOM	28-½ = 3,13@6
			2-1□	BENT, TYPE 1D	
RB11	16	16	2-1Φ×14'-0"	IN BOTTOM	4-⅜ = 2@6
			2-1Φ×20'-0"	IN TOP	
RB12	22	17¾	2-¾	ST. IN BOTTOM	8-⅜ = 3,3@6
			2-⅞×15'-0"	DO.	
RB13	16	17¾	2-1□	ST. IN BOTTOM	28-½ = 3,13@6
			2-1Φ	BENT, TYPE 1D	
RB14	16	16	2-¾	ST. IN BOTTOM	NONE
			2-⅞×20'-0"	ST. IN TOP	
RB15	22	17¾	2-⅞	ST. IN BOTTOM	4-⅜ = 2@6
			2-⅞×15'-0"	DO.	
			2-1Φ×8'-0"	ST. IN TOP AT EACH SUPPORT	
			2-1Φ×11'-0"	DO.	
RB16	16	17¾	2-1Φ	ST. IN BOTTOM	18-⅜ = 3,8@6
			2-1Φ	BENT, TYPE 1D	
RB17	16	16	2-¾	ST. IN BOTTOM	NONE
			2-⅞×20'-0"	ST. IN TOP	
RB18	16	17¾	2-¾	ST. IN BOTTOM	NONE
			2-¾	BENT, TYPE 1C	
RB19	17½	19¼	2-¾	ST. IN BOTTOM FROM RB20	NONE
			2-¾	ST. IN TOP, EXTEND 5'-0" INTO RB 20	
			2-⅞×7'-0"	ST. IN TOP AT COLUMN	
RB20	17½	19¼	2-¾	ST. IN BOTTOM, EXTEND INTO RB19	NONE
			2-¾×15'-0"	ST. IN BOTTOM	
RB21	17½	19¼	2-¾	ST. IN BOTTOM	NONE
			2-¾×15'-0"	DO.	
			2-¾×11'-0"	ST. IN TOP AT EACH SUPPORT	
			2-⅞×8'-0"	DO.	
RB22	17½	19¼	2-¾	ST. IN BOTTOM	NONE
			2-¾×15'-0"	DO.	
RB23	17½	19¼	2-¾	ST. IN BOTTOM	NONE
			2-¾×15'-0"	DO.	
			2-⅞×11'-0"	ST. IN TOP AT EACH SUPPORT	
			2-⅞×8'-0"	DO.	
RB24	17½	19¼	2-¾	ST. IN BOTTOM	6-⅜ = 3,2@9
			2-¾×15'-0"	DO.	
RB25	17½	19¼	3-¾	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP, EXTEND 4'-3" INTO RB 24	
			2-⅝×6'-0"	ST. IN TOP OVER SUPPORT AT RB 24	
RB26	17½	16	3-⅝×13'-0"	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP FROM RB25, EXTEND 4'-3" INTO RB24	
			2-⅝×6'-0"	ST. IN TOP OVER SUPPORT AT RB 24	
RB27	17½	19¼	2-¾	ST. IN BOTTOM	6-⅜ = 3,2@9
			2-⅞×15'-0"	DO.	
			2-⅞	IN TOP AT EXTERIOR SUPPORT, TYPE 3B	
RB28	17½	17¾	2-⅞	ST. IN BOTTOM	18-⅜ = 3,8@6
			2-1Φ×15'-0"	DO.	
			2-1Φ×8'-0"	ST. IN TOP AT RB5 END	
RB29	17½	17¾	2-⅞	ST. IN BOTTOM	10-⅜ = 5@6
			2-⅞×15'-0"	DO.	
			2-1Φ×8'-0"	ST. IN TOP AT EACH SUPPORT	
			2-1Φ×11'-0"	DO.	
RB30	17½	17¾	2-⅞	ST. IN BOTTOM	10-⅜ = 5@6
			2-⅞×15'-0"	DO.	
RB31	17½	17¾	2-⅞	ST. IN BOTTOM	10-⅜ = 5@6
			2-⅞×15'-0"	DO.	
			2-⅞×11'-0"	ST. IN TOP AT EACH SUPPORT	
			2-1Φ×8'-0"	DO.	
RB32	17½	17¾	2-¾	ST. IN BOTTOM	16-⅜ = 3,7@6
			2-⅞×15'-0"	DO.	
RB33	17½	17¾	3-¾	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP, EXTEND 4'-3" INTO RB 32	
			2-⅞×8'-0"	ST. IN TOP OVER SUPPORT AT RB 32	
RB34	17½	16	3-⅝×13'-0"	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP FROM RB33, EXTEND 4'-3" INTO RB32	
			2-⅞×8'-0"	ST. IN TOP OVER SUPPORT AT RB 32	
RB35	17½	17¾	2-⅞	ST. IN BOTTOM	18-⅜ = 3,8@6
			2-1Φ×15'-0"	DO.	
			2-1Φ	IN TOP AT EXTERIOR SUPPORT, TYPE 3B	
RB36	17½	18⅞	2-¾	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-⅞×15'-0"	DO.	
			2-1Φ	IN TOP AT EXTERIOR SUPPORT, TYPE 3B	
RB37	17½	18⅞	2-¾	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-¾×15'-0"	DO.	
			2-⅞×11'-0"	ST. IN TOP AT EACH SUPPORT	
			2-1Φ×8'-0"	DO.	
RB38	17½	18⅞	2-¾	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-¾×15'-0"	DO.	
RB39	17½	18⅞	2-¾	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-¾×15'-0"	DO.	
			2-⅞×8'-0"	ST. IN TOP AT EACH SUPPORT	
			2-⅞×11'-0"	DO.	
RB40	17½	18⅞	3-¾	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-¾	ST. IN TOP, EXTEND 5'-0" INTO RB 38	
			2-¾×6'-0"	ST. IN TOP OVER SUPPORT AT RB 38	
RB41	17½	20⅝	3-¾	ST. IN BOTTOM FROM RB40	⅜ = 3,9,18" o.c. TIES
			2-¾	ST. IN TOP FROM RB40, EXTEND 5'-0" INTO RB38	
			2-¾×6'-0"	ST. IN TOP OVER SUPPORT AT RB 38	
RB42	15½	19¼	2-¾	ST. IN BOTTOM	6-⅜ = 3,2@9
			2-⅝×8'-0"	DO.	
			2-¾	IN TOP AT EXTERIOR SUPPORT	
			2-¾×6'-0"	ST. IN TOP AT INTERIOR SUPPORT	
			2-¾×10'-0"	DO.	
RB43	15½	19¼	2-¾	ST. IN BOTTOM	6-⅜ = 3,2@9
			2-⅝×8'-0"	DO.	
			2-⅝×6'-0"	ST. IN TOP OVER SUPPORT AT RB44	
			2-¾×10'-0"	DO.	
RB44	15½	19¼	2-¾	ST. IN BOTTOM	6-⅜ = 3,2@9
			2-⅝×8'-0"	DO.	
RB45	9	33⅜	2-1Φ	ST. IN BOTTOM	8-⅜ = 4@6
			1-1Φ	BENT, TYPE 2B	
RB46	15½	17¾	2-¾	ST. IN BOTTOM	8-⅜ = 3,3@9
			2-⅝×10'-0"	DO.	
			2-¾	IN TOP AT EXTERIOR SUPPORT, TYPE 3C	
			2-¾×10'-0"	ST. IN TOP AT INTERIOR SUPPORT	
			2-⅞×5'-0"	DO.	
RB47	15½	17¾	2-⅝	ST. IN BOTTOM	6-⅜ = 3,2@9
			2-⅝×10'-0"	DO.	
			2-¾×6'-0"	ST. IN TOP OVER SUPPORT AT RB48	
			2-¾×10'-0"	DO.	

FOR DESCRIPTION OF BAR TYPES SEE SHEET S16

ROOF BEAM SCHEDULE

MARK	SIZE		REINFORCING – LONGITUDINAL		STIRRUPS
	W	D	NO.& SIZE	REMARKS	
RB48	15½	17¾	2-⅝	ST. IN BOTTOM	6-⅜ = 3,2@9
			2-⅝×10'-0"	DO.	
RB49	12	17¾	2-⅝	ST. IN BOTTOM	12-⅜ = 3,5@9
			2-¾	BENT	
RB50	15½	19¼	2-⅝	ST. IN BOTTOM	⅜ = 3,9" o.c.
			2-⅝	BENT	
RB51	15½	16	2-⅝	ST. IN BOTTOM	NONE
			2-⅝×14'-0"	ST. IN TOP	
RB52	14	17¾	2-1⅛	ST. IN BOTTOM, TYPE 4A	⅜ = 3,6" o.c.
			2-1□	BENT, TYPE 1F	
RB53	14	17¾	2-⅝	ST. IN BOTTOM, TYPE 5B	6-⅜ = 3,2@9
			2-⅞	IN TOP, TYPE 3D	
RB54	12	14	2-⅞	ST. IN BOTTOM	14-⅜ = 3,6@6
			2-⅞	BENT	
RB55	12	14	2-⅝	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP FROM RB56	
RB56	12	14	2-⅝	ST. IN BOTTOM	NONE
			2-¾	IN TOP, TYPE 3E	
RB57	12	14	2-1□	ST. IN BOTTOM	20-⅜ = 3,9@6
			2-1Φ	BENT, TYPE 1G	
RB58	12	17⅜	2-¾	ST. IN BOTTOM	10-⅜ = 3,4@6
			2-1Φ	IN TOP, TYPE 3D	
RB59	12	17⅜	2-⅞	ST. IN BOTTOM	24-⅜ = 3,11@6
			1-1Φ	BENT, TYPE 2B	
RB60	12	22	2-¾	ST. IN BOTTOM	10-⅜ = 3,4@9
			2-1Φ	IN TOP, TYPE 3D	
RB61	12	22	2-1Φ	ST. IN BOTTOM	18-⅜ = 3,2@6,6@9
			1-1Φ	BENT, TYPE 2B	
RB62	15½	19¼	2-⅝	ST. IN BOTTOM	NONE
			2-⅝	BENT	
RB63	15½	19¼	2-⅝	ST. IN BOTTOM	NONE
			2-⅝	BENT AT RB62 END ONLY	
RB64	15½	19¼	2-⅝	ST. IN BOTTOM	NONE
			2-⅝	BENT AT RB65 END ONLY	
			3-⅝×8'-0"	BEND IN HORIZ. PLANE, IN TOP OVER SUPPORT AT RB63 END	
RB65	15½	16	2-⅝	ST. IN BOTTOM	6-⅜ = 3,2@6
			2-⅝	BENT	
RB66	8	12½	2-⅝	ST. IN BOTTOM	NONE
			1-⅝	BENT	
RB67	15½	17⅝	2-⅝	ST. IN BOTTOM	12-⅜ = 3,5@6
			2-¾	BENT	
RB68	15½	17⅝	2-⅝	ST. IN BOTTOM	10-⅜ = 3,4@6
			2-¾	BENT AT RB 67 END ONLY	
RB69	15½	17⅝	2-⅝	ST. IN BOTTOM	4-⅜ = 3,6
			2-⅝	BENT AT RB70 END ONLY	
			3-¾×8'-0"	BEND IN HORIZ. PLANE, IN TOP OVER SUPPORT AT RB68 END	
RB70	15½	16	2-⅝	ST. IN BOTTOM	4-⅜ = 3,6
			2-⅝	BENT	
RB71	14	15⅝	2-⅞	ST. IN BOTTOM	⅜ = 3,6" o.c.
			2-⅞	BENT	
RB72	14	15⅝	2-¾	ST. IN BOTTOM	18-⅜ = 3,8@6
			2-¾	BENT	
RB73	14	15⅝	2-¾	ST. IN BOTTOM	22-⅜ = 3,10@6
			2-¾	BENT AT RB 72 END ONLY	
RB74	14	15⅝	2-⅝	ST. IN BOTTOM	NONE
			3-⅞×13'-0"	BEND IN HORIZ. PLANE, IN TOP AT RB73 END	
RB75	12	20	2-¾	ST. IN BOTTOM	12-⅜ = 3,5@9
			1-1Φ×11'-0"	DO.	
RB76	12	17⅜	2-¾	CONT. IN TOP & BOTTOM	⅜ @ 12
RB77	12	17⅜	2-¾	TOP & BOTTOM	NONE
RB78	9½ VARIES	19⅜	3-⅞	ST. IN BOTTOM	⅜ TIES @ 12" o.c.
			1-⅞	ST. IN BOTTOM LENGTH OF CANOPY	
			2-⅞	ST. IN TOP	
RB79	12	21⅞	2-1"□	ST. IN BOTTOM FROM RB80, FULL LENGTH	16-⅜ = 3,2@6,5@9
			2-1"Φ	IN TOP, TYPE 3D	
RB80	12	21⅞	2-1"□	ST. IN BOTTOM EXTEND INTO RB79	24-½ = 3,4@6,7@9
			1-1"□×16'-0"	ST. IN BOTTOM	
			2-1"Φ×8'-0"	ST. IN TOP OVER SUPPORT AT RB79 END	
			2-1"Φ	IN TOP AT EXTERIOR SUPPORT, TYPE 3B	
RB81	12	21⅞	2-¾	ST. IN BOTTOM	NONE
			1-¾	BENT	
RB82	12	22⅝	2-⅝	ST. IN BOTTOM	4-⅜ = 2@9
			2-⅝×10'-0"	DO.	
			2-⅝	IN TOP AT EXTERIOR SUPPORT, TYPE 3C	
			2-⅝×11'-0"	ST. IN TOP AT INTERIOR SUPPORT	
			2-¾×7'-0"	DO.	
RB83	12	22⅝	2-⅝	ST. IN BOTTOM	NONE
			2-⅝×10'-0"	DO	
RB84	12	22⅝	2-⅝	ST. IN BOTTOM	NONE
			2-⅝×10'-0"	DO.	
			2-⅝×7'-0"	ST. IN TOP OVER EACH SUPPORT	
			2-⅝×11'-0"	DO.	
RB85	12	18	2-¾	ST. IN BOTTOM	14-⅜ = 3,6,5@9
			2-⅞	BENT	
RB86	12	18	2-⅝	ST. IN BOTTOM	8-⅜ = 3,3@9
			2-¾	BENT	
RB87	9	33⅜	2-¾	ST. IN BOTTOM	6-⅜ = 3,2@6
			1-¾	BENT, TYPE 2B	
RB88	12	18	2-¾	ST. IN BOTTOM	14-⅜ = 3,6,5@9
			2-⅝×14'-0"	DO.	
			2-¾	IN TOP AT EXTERIOR SUPPORT, TYPE 3C	
			2-¾×11'-0"	ST. IN TOP AT INTERIOR SUPPORT	
			2-⅞×7'-0"	DO.	
RB89	12	18	2-¾	ST. IN BOTTOM	8-⅜ = 3,3@9
			2-⅝×10'-0"	DO.	
RB90	12	18	2-¾	ST. IN BOTTOM	8-⅜ = 3,3@9
			2-⅝×10'-0"	DO	
			2-¾×7'-0"	ST. IN TOP OVER EACH SUPPORT	
			2-¾×11'-0"	DO.	
RB91	9	33⅜	2-¾	ST. IN BOTTOM	6-⅜ = 3,2@6
			1-¾	BENT, TYPE 2B	
RB92	12	16	2-¾	ST. IN BOTTOM	14-⅜ = 3,6@6
			2-⅞	BENT	
RB93	12	22⅝	2-1Φ	ST. IN BOTTOM	14-⅜ = 3,6@9
			1-⅞	BENT, TYPE 1H	
RB94	12	16	2-¾	ST. IN BOTTOM	NONE
			2-¾×16'-0"	ST. IN TOP	
RB95	14	19½	2-1¼	ST. IN BOTTOM	⅜ = 3,6,9" o.c.
			1-1Φ	BENT, TYPE 1J	
RB96	14	16	2-¾	ST. IN BOTTOM	NONE
			2-1Φ×17'-6"	ST. IN TOP	
RB97	14	16	2-1¼	ST. IN BOTTOM	⅜ = 6@3, 6" o.c.
			1-1¼	BENT, TYPE 1J	
RB98	16	16	2-¾	ST. IN BOTTOM	NONE
			2-1□×20'-0"	ST. IN TOP	
			1-¾×8'-0"	ST. IN TOP AT LINE "S"	
RB99	16	DEPTH VARIES SEE DETAIL	2-1□	ST. IN BOTTOM	14-⅜ = 3,6@9
			2-1Φ×17'-0"	DO.	
			2-1Φ	IN TOP AT LINE "S", TYPE 3C	
			2-¾	IN TOP AT LINE "V", TYPE 3C	
RB100	10	21⅜	2-¾	ST. IN BOTTOM — 4-⅝ DOWELS FOR 8×8 POST	NONE
			1-⅞	BENT	
RB101	10	16	2-¾	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP	
RB102	16	17¾	2-1Φ	ST. IN BOTTOM	18-⅜ = 3,8@6
			2-1Φ	BENT, TYPE 1F	

ROOF BEAM SCHEDULE

MARK	SIZE		REINFORCING – LONGITUDINAL		STIRRUPS
	W	D	NO.& SIZE	REMARKS	
RB103	16	16	2-¾	ST. IN BOTTOM	NONE
			2-1Φ×10'-0"	ST. IN TOP AT LINE "R"	
RB104	10	33⅜	2-¾	ST. IN BOTTOM, 4-⅝ DOWELS FOR 8×8 POST	10-⅜ = 3,4@6
			2-¾	ST. IN TOP FROM RB105, EXTEND 4'-9" INTO RB 103	
RB105	10	16	2-¾	ST. IN BOTTOM	NONE
			2-¾	IN TOP, TYPE 3, EXTEND AS NOTED INTO RB104	
RB106	16¾	19¼	2-¾	ST. IN BOTTOM	NONE
			2-¾	IN TOP, TYPE 3, EXTEND AS NOTED INTO RB107	
RB107	16¾	19¼	2-¾	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP FROM RB106, EXTEND 4'-0" INTO RB20	
RB108	17½	19¼	3-¾	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP, EXTEND 2'-9" INTO RB 24	
			2-¾×8'-0"	ST. IN TOP OVER SUPPORT AT RB 24	
RB109	6	16 7/16	2-¾	ST. IN BOTTOM	NONE
			2-⅝	ST. IN TOP	
RB110	9¾	16¾	2-1Φ	ST. IN BOTTOM	NONE
			2-⅝	ST. IN TOP	
RB111	16	16	2-⅞	ST. IN BOTTOM	10-⅜ = 3,4@6
			1-1Φ	BENT	
RB112	14	16	2-¾	ST. IN BOTTOM	NONE
			1-¾	BENT	
RB113	11½	19¼	2-¾	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP	
RB114	14	17¾	3-⅞	CONT. IN BOTTOM	14-⅜ = 3,2@6,4@9
			3-⅞	CONT. IN TOP	
RB115	17½	17¾	2-¾	ST. IN BOTTOM FROM RB116	NONE
			1-¾	ST. IN BOTTOM	
			2-¾×15'-6"	ST. IN TOP	
			2-⅞×8'-0"	ST. IN TOP OVER SUPPORT AT RB32	
RB116	14	34⅛	2-¾	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP OF UPSET	
RB117	14	16	3-¾	ST. IN BOTTOM	14-⅜ = 2@3,5@6
			2-⅞	IN TOP, TYPE 3F	
			1-⅞×7'-0"	ST. IN TOP OVER SUPPORT AT RB116	
RB118	17½	17¾	2-⅞	ST. IN BOTTOM	18-⅜ = 3,8@6
			2-⅞×15'-0"	DO.	
RB119	22	17¾	3-¾	ST. IN BOTTOM	NONE
			2-⅞×20'-3"	ST. IN TOP	
			1-⅝×6'-0"	ST. IN TOP OVER SUPPORT AT RB118	
			2-1Φ×8'-6"	ST. IN TOP OVER SUPPORT, 5'-6" IN RB119 & 3'-0" IN RB120	
RB120	17½	17¾	2-1Φ	ST. IN BOTTOM	20-⅜ = 3,9@6
			2-1Φ×15'-0"	DO.	
			2-⅞	IN TOP AT EXTERIOR SUPPORT, TYPE 3B	
RB121	17½	18⅞	3-¾	ST. IN BOTTOM	⅜ TIES = 3,9,18" o.c.
			2-¾×18'-0"	ST. IN TOP	
			2-¾×6'-0"	ST. IN TOP OVER SUPPORT AT RB38	
			2-1Φ×11'-0"	ST. IN TOP OVER SUPPORT AT RB36	
RB122	16	17¾	2-1Φ	ST. IN BOTTOM	14-⅜ = 3,6@6
			2-1Φ	BENT, TYPE 1D	
RB123	16	16	2-¾	ST. IN BOTTOM	NONE
			2-⅞	IN TOP, TYPE 3G	
RB124	16	17¾	2-1⅛	ST. IN BOTTOM	28-½ = 3,13@6
			2-1□	BENT, TYPE 1B	
RB125	16	16	2-1¼	ST. IN BOTTOM, TYPE 4A	14-⅜ = 3,6@6
			2-1□	IN TOP, TYPE 3G	
RB126	16	16	2-1¼×16'-0"	ST. IN BOTTOM, BEND IN HORIZ. PLANE AT RB127	14-⅜ = 3,6@6
			2-1□×20'-0"	ST. IN TOP, DO.	
RB127	19½	19¼	3-⅞	CONT. IN BOTTOM	NONE
			3-¾	IN TOP FROM RB159, EXTEND INTO RB126 5'-0"	
RB128	17½	19¼	3-¾	CONT. TOP AND BOTTOM	NONE
RB129	16	17¾	2-1□	ST. IN BOTTOM	28-½ = 3,13@6
			2-1Φ	BENT, TYPE 1B	
RB130	16	16	2-1⅛	IN BOTTOM, TYPE 4C	12-⅜ = 3,5@6
			2-1□	IN TOP, TYPE 3G	
RB131	16	17¾	2-1Φ	ST. IN BOTTOM	26-½ = 3,12@6
			2-1Φ	BENT, TYPE 1D	
RB132	16	16	2-¾	IN BOTTOM, TYPE 4C	8-⅜ = 4@6
			2-1Φ	IN TOP, TYPE 3G	
RB133	14	17¾	2-1⅛	ST. IN BOTTOM	18-⅜ = 3,8@6
			2-1Φ	BENT	
RB134	12	19¼	2-¾	TOP AND BOTTOM	NONE
RB135					
RB136	14	19¼	2-1Φ	ST. IN BOTTOM	8-⅜ = 3,6,9,12
			2-1Φ	BENT	
RB137	14	19¼	2-¾	ST. IN BOTTOM	NONE
			2-1Φ	ST. IN TOP	
RB138	14	23⅛	2-1Φ	ST. IN BOTTOM	10-⅜ = 3,6,9,2@12
			2-1Φ	BENT	
RB139	14	19¼	2-¾	ST. IN BOTTOM	8-⅜ = 3,6,9,12
			2-1⅛	ST. IN TOP	
RB140	14	23⅛	2-⅞	ST. IN BOTTOM	8-⅜ = 3,6,9,12
			2-⅞	ST. IN TOP	
RB141	16	23⅛	2-1Φ	ST. IN BOTTOM	8-⅜ = 3,6,9,12
			2-1Φ	BENT	
RB142	16	23⅛	2-¾	ST. IN BOTTOM	8-⅜ = 3,6,9,12
			2-1□	ST. IN TOP	
RB143	16	23⅛	2-1¼	ST. IN BOTTOM	8-⅜ = 3,9,2@12
			2-1⅛	BENT	
RB144	10	14	2-⅝	ST. IN BOTTOM	NONE
			1-¾	BENT	
RB145	10	20⅝	2-⅞	TOP AND BOTTOM	NONE
RB146	10	20⅝	2-⅞	ST. IN BOTTOM	16-½ = 3,3@6,4@9
			2-⅞	BENT	
RB147	14	23⅛	2-¾	ST. IN BOTTOM	NONE
			2-⅞	ST. IN TOP	
RB148	14	23⅛	2-⅞	ST. IN BOTTOM	16-½ = 4@3,4@6
			2-1Φ	BENT	
RB149	14	18⅞	2-¾	ST. IN BOTTOM	NONE
			2-1Φ	ST. IN TOP	
RB150	14	24	2-1Φ	ST. IN BOTTOM	14-⅜ = 3,6@12
			2-1Φ	BENT	
RB151	14	24	2-1Φ	ST. IN BOTTOM	12-⅜ = 3,5@12
			2-1Φ	ST. IN TOP	
RB152	14	24	2-1Φ	ST. IN BOTTOM	12-⅜ = 3,5@12
			2-⅞	BENT	
RB153	14	23⅛	2-⅞	ST. IN BOTTOM	8-⅜ = 3,6,9,12
			2-1□	BENT	
RB154	12	18⅞	3-1¼	IN BOTTOM, TYPE 4C	⅜ @ 9
			1-1¼	ST. IN TOP	
RB155	22	29	3-1⅛	ST. IN BOTTOM	14-½ = 3,6,9,4@12
			3-1¼	ST. IN TOP	
RB156	22	29	3-⅞×20'-0"	ST. IN BOTTOM	NONE
			3-1□	ST. IN TOP	
RB157	12	19¼	2-⅞	ST. IN BOTTOM	8-⅜ = 3,6 ,2@9
			1-⅞	BENT	
RB158	14	23⅛	2-1⅛	ST. IN BOTTOM	8-⅜ = 3,3@12
			2-1□	BENT	
RB159	19½	19¼	3-⅞	CONT. IN BOTTOM	NONE
			3-¾	CONT. IN TOP	
RB160	20	14	2-¾	ST. IN BOTTOM	16-⅜ = 3,7@6
			4-1¼×22'-0"	ST. IN TOP	
RB161	9	33⅜	2-1Φ	CONT. IN BOTTOM	½@12 ST. E.W. IN ℄ BEAM
			2-1Φ	CONT. IN TOP	
RB162	9	33⅜	2-1Φ	CONT. IN BOTTOM	½@12 ST. E.W. IN ℄ BEAM
			2-1Φ	CONT. IN TOP, EXTEND 4'-0" INTO RB163 & RB167, BEND IN HORIZ. PLANE	

ROOF BEAM SCHEDULE

MARK	SIZE		REINFORCING – LONGITUDINAL		STIRRUPS
	W	D	NO.& SIZE	REMARKS	
RB163	14	17¾	2-¾	ST. IN BOTTOM	10-⅜ = 3,4@6
			2-⅞×7'-6"	ST. IN TOP OVER SUPPORT AT RB164	
			1-1Φ×9'-0"	DO.	
RB164	14	17¾	2-1Φ	ST. IN BOTTOM	14-⅜ = 3,6@6
RB165	14	17¾	2-⅝	ST. IN BOTTOM	NONE
			2-⅞×17'-0"	ST. IN TOP OVER EACH SUPPORT	
			1-¾×4'-0"	DO.	
RB166	14	17¾	2-1Φ	ST. IN BOTTOM	14-⅜ = 3,6@6
RB167	14	17¾	2-¾	ST. IN BOTTOM	10-⅜ = 3,4@6
			2-⅞×7'-6"	ST. IN TOP OVER SUPPORT AT RB166	
			1-1Φ×9'-0"	DO.	
RB168	17½	17¾	2-⅞	ST. IN BOTTOM	14-⅜ = 3,6@6
			2-1Φ×15'-0"	DO.	
			2-⅞	IN TOP, TYPE 3B	
			2-1Φ×11'-0"	ST. IN TOP OVER INTERIOR SUPPORT	
			2-1Φ×11'-0"	DO.	
RB169	19⅝	17¾	2-¾	ST. IN BOTTOM	NONE
			2-¾×13'-0"	DO.	
			2-¾×24'-0"	ST. IN TOP, BEND BARS IN HORIZ. PLANE AT RB30	
			2-⅞×8'-0"	ST. IN TOP OVER EACH SUPPORT, BEND IN HORIZ. PLANE AT RB30	
RB170	19⅝	17¾	2-⅞	ST. IN BOTTOM	12-⅜ = 3,5@6
			2-1Φ×10'-0"	DO.	
			2-¾×8'-0"	ST. IN TOP OVER SUPPORT AT RB171	
RB171	19⅝	17¾	3-¾	ST. IN BOTTOM	NONE
			2-¾×17'-0"	ST. IN TOP	
RB172	19⅝	17¾	2-¾	ST. IN BOTTOM	NONE
			2-¾×13'-0"	DO.	
RB173	17½	18⅞	2-¾	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-⅞×15'-0"	DO.	
			2-1Φ	IN TOP, TYPE 3B	
			2-⅞×11'-0"	ST. IN TOP OVER INTERIOR SUPPORT	
			2-1Φ×8'-0"	DO.	
RB174	17½	18⅞	2-¾	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-¾×15'-0"	DO.	
			2-⅞×11'-0"	ST. IN TOP AT EACH SUPPORT, BEND IN HORIZ. PLANE AT RB38	
			2-⅞×8'-0"	DO.	
RB175	17½	18⅞	2-⅞	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-⅞×12'-0"	DO.	
			1-⅞×7'-0"	ST. IN TOP OVER SUPPORT AT RB176	
RB176	17½	18⅞	3-¾	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-¾×16'-0"	ST. IN TOP	
RB177	17½	18⅞	2-¾	ST. IN BOTTOM	⅜ = 3,9,18" o.c. TIES
			2-¾×12'-0"	DO.	
RB178	10	15¼	2-¾	IN TOP & BOTTOM	NONE
RB179	10	16½	2-⅝	ST. IN BOTTOM	NONE
			2-¾	ST. IN TOP	
RB180	10	15¼	2-¾	ST. IN BOTTOM	8-⅜ = 3,3@6
			1-⅞	BENT	
RB181	10	20⅝	2-1Φ	ST. IN BOTTOM	12-⅜ = 3,6,4@9
			1-1Φ	BENT	
RB182	10	15¼	2-¾	CONT. IN BOTTOM	NONE
			2-⅞	CONT. IN TOP	
RB183	10	15¼	2-¾	CONT. IN BOTTOM	NONE
			2-⅞	CONT. IN TOP	
RB184	14	20	2-¾	ST. IN BOTTOM	NONE
			1-⅞	BENT	
RB185	10	20	2-⅞	ST. IN BOTTOM	10-⅜ = 3,4@9
			1-1Φ	BENT	
RB186	22	17¾	3-⅝×13'-0"	ST. IN BOTTOM	NONE
			2-⅞×8'-0"	ST. IN TOP OVER SUPPORT AT RB12	
			2-¾	CONT. IN TOP, EXTEND 4'-3" INTO RB12	
RB187	22	17¾	3-¾	ST. IN BOTTOM	NONE
			2-⅞×8'-0"	ST. IN TOP OVER SUPPORT AT RB32	
			2-¾	CONT. IN TOP, EXTEND 4'-3" INTO RB32	
RB188	16	20	2-⅞	ST. IN BOTTOM	NONE
			2-¾	BENT	
RB189	14	20	2-1Φ	ST. IN BOTTOM	8-⅜ = 3,3@6
			2-¾	BENT	
RB190	8	12	2-⅝	ST. IN BOTTOM	NONE
			1-⅝	BENT	
RB191	6½	16	2-⅝	ST. IN BOTTOM	NONE
RB192	20	14*	5-1¼	ST. IN BOTTOM, EXTEND 2'-0" INTO RB160	14-½ = 3,13@9 AT EXT. END 14-½ = 3@3,3@6,3@9, AT INT. END
			4-1Φ	AT EXTERIOR END SEE DETAIL SHEET S-12	
			4-1¼	IN TOP, TYPE 3H	
				* HAUNCH BEAM AT EXTEIOR END 9½" × 6'-0"	
RB193	11	15¼	2-¾	CONT. IN BOTTOM	NONE
			2-⅞	CONT. IN TOP	

ALL DIMENSIONS AND EXISTING CONDITIONS
SHALL BE CHECKED AND VERIFIED
BY THE CONTRACTOR AT THE SITE

HORACE B. NICHOLSON
ENGINEER
No. 772

Horace B. Nicholson

HORACE B. NICHOLSON
CONSULTING ENGINEER
223 BROAD ST. STATION
PHILADELPHIA, PA.

ALBERT M. DAVIS No. EX 1397

WALTER H. POOLE No. A 1429

REVISED	
	AS BUILT 3/18/52

THE GENERAL STATE AUTHORITY		
APPROVED	EXECUTIVE DIRECTOR	1-18-50
APPROVED	DIRECTING ENGINEER	
SUBMITTED	ARCHITECTS	
APPROVED	DEPT. OF WELFARE	
APPROVED	DEPT. OF PROPERTY & SUPPLIES	
APPROVED	DEPT. OF HEALTH	
ACCEPTED	CONTRACTOR	BY
ACCEPTED	CONTRACTOR	BY
ACCEPTED	CONTRACTOR	BY

PROJECT No. - GSA - 510-1

PHILADELPHIA STATE HOSPITAL
PHILADELPHIA PENNSYLVANIA

TUBERCULAR PATIENTS' BUILDING N-10
BEAM SCHEDULE
#1 OF 3

DAVIS AND POOLE
112 S. 16th ST.
REGISTERED ARCHITECTS
PHILADELPHIA, PENNA.

1949 PROGRAM
DATE JAN. 16, 1950
SCALE

THE GENERAL STATE AUTHORITY
JAMES H. DUFF PRESIDENT
OSCAR N. LINDAHL EXEC. DIRECTOR
HARRISBURG, PENNSYLVANIA

SHEET No. S-14

CHECKED FOR G. S. A.

SUPV. ARCH.	ARCH.	STRUCT.	MECH.	ELEC.
JOR 1/18/50		EM 1/18/50		