

BEAM SCHEDULE - GALLERY AREA									
MARK	BxD	SKETCH			STIRRUPS		REMARKS		
		SUPPORT CLEAR SPAN			LEFT	RIGHT			
RB-1	16x33	2'9"	1'9"	2'9"	10G, 1012	DO LEFT	EXTEND 25' T. TO TOP OF STAIRS, ASSUMING PROVIDE STAIRS, BOTT. BM. LEVEL @ EL. 321.50		
RB-2	16x33	2'7"	1'9"	2'9"	DO	DO	(RB-2A OPP. HAND)		
RB-3	16x33	3'9"	3'9"	2'7"	DO	DO	BOTT. BM. LEVEL @ EL. 321.50		
RB-4	16x33	2'7"	3'6"	2'10"	DO	DO	BOTT. BM. LEVEL @ EL. 322.00		
RB-5	12x24	3'6"	2'8"	2'7"	10G, REM@12	DO	BOTT. BM. LEVEL @ EL. 322.50		
RB-6	12x27	3'8"	2'7"	3'0"	DO	DO	BOTT. BM. LEVEL @ EL. 322.00		
RB-7	12x25	2'7"	2'10" + 1'9"	2'6"	10G, 1012	10G, 7@10	BOTT. BM. LEVEL @ EL. 322.75, PROVIDE NOTCH FOR STAIR NOSING, SEE DET. 3-5.16		
RB-8	12x24	3'9"	2'6"	3'0"	DO	DO LEFT	BOTT. BM. LEVEL @ EL. 322.75		
RB-9	16x33	2'7"	2'10" + 2'9"	2'7"	10G, 1012	DO	SAME AS RB-3		
RB-10	16x33	2'7"	3'11"	2'9"	10G, REM@12	DO	SAME AS RB-3 BUT EXTEND 3' 11" INTO RB-3		
RB-11	16x33	3'9"	2'9"	2'10"	10G, 1012	DO	SAME AS RB-3		
RB-12	16x33	2'9" + 1'8"	2'6"	4'8"	DO	DO	DO		
RB-13	16x33	2'9" + 1'8"	2'6"	3'8"	DO	DO	DO		
RB-14	16x33	2'9" + 1'8"	2'6"	2'6"	10G, 1012	DO	DO		
RB-15	16x33	2'6"	2'9" + 1'8"	2'8"	DO	10G, 8@12	SAME AS RB-3 BUT EXTEND 25' T. TO DROP, SEE DET. 3-5.16 FOR BM. WIDTH		
RB-16	16x33	3'10"	2'6"	2'10"	10G, 9@12	DO LEFT	SAME AS RB-3 BUT EXTEND 25' T. TO DROP, SEE DET. 3-5.16 FOR BM. WIDTH		
RB-17	16x33	2'9" + 1'8"	2'9"		10G, 1012	DO	SAME AS RB-3		
RB-18	16x33	2'9" + 1'8"	2'7"	2'6"	DO	DO	DO		
RB-19	12x16	2'6"	2'8"	3'7"	10G, REM@12	DO	BOTT. BM. LEVEL @ EL. 322.92		
RB-20	12x16	2'8"	2'6"	3'0"	10G, 8@12	DO	DO		
RB-21	16x40	2'7"	3'10"	2'5"	10G, 1012	DO	T.O. BM. EL. 324.83		
RB-22	16x33	2'9"	1'9"	2'9"	DO	DO	SAME AS RB-1		
RB-23	16x33	2'6"	2'9" + 1'8"	3'8"	DO	DO	SAME AS RB-3		
RB-24	16x33	2'9" + 1'8"	2'6"	3'8"	DO	DO	DO		
RB-25	16x33	2'9" + 1'8"	2'9"	2'11"	DO	DO	BOTT. BM. @ EL. 321.50 SEE DET. 3-5.16 FOR BEAM WIDTH @ R.E.		
RB-26	16x33	3'9"	2'9"	3'10"	10G, 6@10	DO	BOTT. BM. @ EL. 321.50 SEE DET. 3-5.16 FOR BEAM WIDTH @ R.E.		
RB-27	16x33	2'9" + 1'9"	2'8"		10G, 1012	DO	DO		
RB-28	12x21	2'6"	2'8"	2'9"	10G, 4@8	DO	T.O. BM. EL. 324.83		
RB-29	12x24	2'9"	2'7"	2'6"	10G, 5@8	DO	BOTT. BM. @ EL. 322.50 EXTEND 25' T. TO DROP		
RB-30	16x33	2'6"	2'9" + 1'8"	2'8"	10G, 1012	DO	SAME AS RB-3		
RB-31	16x33	2'9" + 1'8"	2'6"	2'8"	DO	DO	DO		
RB-32	16x33	2'9" + 1'8"	2'8"	1'8"	DO	DO	BOTT. BM. @ EL. 321.50 SEE DET. 3-5.16 FOR BEAM WIDTH @ R.E.		
RB-33	16x27	2'10"	3'8"	1'10"	10G, REM@12	DO	T.O. BM. EL. 324.83		
RB-34	16x27	3'10"	2'8"	2'7"	10G, 6@12	DO	DO		
RB-35	11x40	2'7"	2'11"	2'11"	DO	10G, 9@10	BOTT. BM. @ EL. 321.50 EXTEND 25' T. TO RB-34		
RB-36	11x33	2'9"	2'9"	2'7"	DO	DO LEFT	T.O. BM. EL. 324.83		
RB-37	11x30	2'7"	2'9"	2'11"	10G, REM@12	DO	BOTT. BM. @ EL. 322.00 EXTEND 25' T. TO RB-33		
RB-38	11x27	2'11"	2'9"	2'7"	DO	DO	T.O. BM. EL. 324.83		
RB-39	16x33	4'0"	3'9"	2'9"	10G, 1012	DO	BOTT. BM. LEVEL @ EL. 321.50		

BEAM SCHEDULE (CONT.)

BEAM	SKETCH	STIRRUPS	REMARKS			
MARK	BxD	LEFT	RIGHT			
RB-40	16x40	2'11" + 3'10"	2'7"	10G, REM@12	DO LEFT	BOTT. BM. @ EL. 320.92 EXTEND 25' T. DWLS. TO RB-33
RB-41	16x40	2'8"	4'10"	10G, 1012	DO	T.O. BM. @ EL. 324.83 PROVIDE NOTCH FOR STAIR NOSING, SEE DET. 3-5.16
RB-42	16x40	2'9" + 1'8"	2'8"	10G, 4@12	DO	BOTT. BM. @ EL. 321.50 SEE DET. 3-5.16 FOR BM. WIDTH
RB-43	16x40	1'9"	2'9" + 1'8"	10G, 1012	DO	DO

NOTE: TOP REINF. BARS SHALL BE BENT TO MAINTAIN THE CONCRETE COVER AS SPECIFIED IN DETAIL 3-3.1.

TYPICAL DETAIL  
STIRRUP PLACING IN BMS. OF VARYING DEPTH  
NO SCALE

NOTE: WHERE TOP OF BM. EL. VARIES, STIRRUPS SHALL BE DETAILED FOR MAX. DEPTH AND ADJUSTED BY SLOPING BOTT. AWAY FROM SUPPT.

NOTE: FIELD WELDS ANCHORING PRECAST TEE TO ROOF SHALL BE MADE AFTER ALL CONC. ROOF FILL HAS BEEN APPLIED.

NOTE: GALVANIZE ALL EXPOSED STEEL

DETAIL G  
NO SCALE  
(TYP. CONN. DET. OF END BRNG. FOR PRECAST ROOF TEES IN STAIR BUILDINGS NO. 1 & NO. 2)

DETAIL H  
NO SCALE

SECTION 26  
SCALE: 1/2" = 1'-0"

SECTION 27  
SCALE: 1/2" = 1'-0"

SECTION 28  
SCALE: 1/2" = 1'-0"

SECTION 29  
SCALE: 1/2" = 1'-0"

SECTION 30  
SCALE: 1/2" = 1'-0"

SECTION 48  
SCALE: 1/2" = 1'-0"

RECORD DRAWING

TOWN OF DURRILLVILLE, RHODE ISLAND  
BOARD OF SEWER COMMISSIONERS

WASTEWATER TREATMENT FACILITIES

PIPE GALLERY  
BEAM SCHEDULE AND SECTIONS

STRUCTURAL

JOB 4868  
FILE NO. H-69005-1  
SHEET S-17

DRAWN BY P. Dwyer DEPT. CHECK Daniel F. Bonnell PROJ. CHECK J. Marshall	METCALF & EDDY, INC./ENGINEERS BOSTON NEW YORK PALO ALTO CHICAGO REG. PROF. ENGR. No. 100, 1200 REG. PROF. ENGR. No. 1, NO. 3620	SCALE: AS SHOWN 6-27-77	TOWN OF DURRILLVILLE, RHODE ISLAND BOARD OF SEWER COMMISSIONERS WASTEWATER TREATMENT FACILITIES PIPE GALLERY BEAM SCHEDULE AND SECTIONS STRUCTURAL	JOB 4868 FILE NO. H-69005-1 SHEET S-17
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