



PLAN - SECOND FLOOR & LOW ROOF

DESIGN LL: 2ND FLOOR = 200 P.S.F.
ROOF = 35 P.S.F. (SNOW)

NOTE:
FOR ALL ROOF OPENINGS AND
PENETRATIONS, SEE ARCH. DWGS.

BEAM		SKETCH			STIRRUPS		REMARKS	
MARK	B X D *	C SUPPORTS CLEAR SPAN			SIZE TYPE	LEFT		RIGHT
2B1	16 x 24	2-#7	4-#9	2-#7	#4	1#6, REM#14	DO LEFT	
2B2	16 x 48	2-#7	4-#9	4-#9		1#9, REM#18	4#9, REM#18	
2B3	16 x 48		4-#8	4-#8		4#9, REM#18	DO LEFT	
2B4	16 x 48		4-#8	4-#8		4#9, REM#18	DO LEFT	
2B5	16 x 48		4-#8	4-#9		4#9, REM#18	DO LEFT	
2B6	16 x 48		4-#9	2-#7		4#9, REM#18	1#9, REM#18	
2B7	16 x 24	2-#6	4-#8	2-#6	#9	3#6, REM#14	DO LEFT	
2B8	14 x 28	2-#7	3-#9	3-#9	#4	1#6, 3#12, REM#16	6#6, 3#12, REM#16	
2B9	14 x 28		3-#9	2-#7	3#8	6#6, 3#12, REM#16	6#6, 3#12, REM#16	
2B10	14 x 28		3-#8	2-#6	3-#8	6#6, 3#12, REM#16	6#6, 3#12, REM#16	
2B11	14 x 28		3-#9	2-#7		6#6, 3#12, REM#16	6#6, 3#12, REM#16	
2B12	14 x 28		3-#9	2-#7	2-#7	6#6, 3#12, REM#16	1#6, 3#12, REM#16	
2B13	18 1/2 x 24	2-#10	5-#9	2-#10	2-#10	1#5, 5#10 REM#12	DO LEFT	SEE SECTION "B2" ON SHT. 5-11
2B14	18 1/2 x 24		5-#9	2-#10	2-#10	DO	DO LEFT	DO
2B15	12 x 21	2-#6	3-#8	2-#6	#6	1#6, REM#12	DO LEFT	
2B16	10 x 16		2-#7	2-#6		3#6, REM#14	DO LEFT	FOR STAIR NOSING NOTCH SEE DET 'M' SH. 5-16
2B17	12 x 24	2-#11 SEE RB 9	2-#10	2-#9	3-#10	1#5, 9#10 REM#15	DO LEFT	TOP OF RB 9 @ EL. 322.75
2B18	12 x 24		2-#8	2-#9	2-#11 SEE RB 9	1#5, 9#10 REM#15	DO LEFT	TOP OF RB 9 @ EL. 322.75
2B19	16 x 24	2-#8	4-#8	2-#7	2-#8	1#6, 3#10, REM#16	1#6, 6#10, REM#18	
2B20	16 x 24		4-#8	2-#7	2-#8	1#6, 6#10, REM#16	1#6, 3#10, REM#16	
2B21	16 x 32	2-#8	5-#9	2-#7	6-#9 2 LAYERS	1#5, 9#12, REM#16	1#3, 8#6, 5#12, REM#16	
2B22	16 x 32		5-#9	2-#7	2-#8	1#3, 8#6, 5#12, REM#16	1#6, 4#12, REM#18	
2B23	10 x 16	2-#7	2-#8	2-#5	3-#8	3#6, REM#12	DO LEFT	
2B24	12 x 18		2-#8	2-#5	2-#7*	3#6, REM#12	DO LEFT	* AT LOCATION OF 2B-10 EXTEND 2FT 3'-0" INTO BEAM
2B25	12 x 21	2-#7	4-#9	2-#6	2-#7	1#5, 5#10, REM#14	DO LEFT	
2B26	16 x 48	2-#8	4-#9	2-#7	5-#9	1#7, 3#12, REM#18	4#9, 2#12, REM#18	
2B27	16 x 48		4-#9	2-#7	4-#8	4#9, 2#12, REM#18	1#9, 2#12, REM#18	

* NOTE : ALL BEAM DEPTHS GIVEN ARE MEASURED FROM H.P. EL. 334.08'

HIGH & LOW ROOF BEAM SCHEDULE

[illegible]

RECORD DRAWING

TOWN OF BURRILLVILLE, RHODE ISLAND
BOARD OF SEWER COMMISSIONERS
WASTEWATER TREATMENT FACILITIES
OPERATIONS BUILDING
FLOOR AND LOW ROOF FRAME
STRUCTURAL

JOB 4868

FILE NO. H-68992-1

SHEET S-4