

BEAM SCHEDULE						
BEAMS	NO. & SIZE	REINFORCING		STIRRUPS		REMARKS
		BAR CUTTING DETAILS		SIZE	TYPE	
		LEFT SUPPORT	RIGHT SUPPORT			
		GROUND	FLOOR	BEAMS		
BM 101	9 - #10 B 6 - #10 B 3 - #10 T 7 - #10 T			#4	14x5 1/2 E.E. REM. #10	
BM 102	9 - #10 B 5 - #10 B 3 - #10 T 7 - #10 T 7 - #10 T			#4	19x5 1/2 L.E. 11x5 1/2 R.E. REM. #10	
BM 102A	17 - #11 B 9 - #11 B 13 - #11 T 13 - #11 T 7 - #10 I			#4	16-1-#6, 1-#5, 2-#4 B.L. 4-#10, 2-#8 B.L. L.E. REM. 1-#6, 3-#5, 4-#5	15-#11 T CENTRED ON LONG FACE
BM 102B	12 - #11 B 13 - #11 T			#4	19-1-#6, 3-#5, 2-#5 L.E. REM. 2-#5, 7-#5	SIM. TO BM 102A
BM 104A	1 - #10 I 7 - #9 B 3 - #9 B 5 - #8 T 10 - #11 T.U.L. 4 - #11 T.L.L. 2 - #6 I (E.F.)			#4 #6	25x7 L.E. REM. #6	CENTRED ON LONG FACE
BM 104B	10 - #9 B 5 - #9 B 5 - #8 T 2 - #6 I (E.F.)			#4 #6	21x7 R.E. REM. #6	
BM 105A	9 - #9 B 6 - #11 T 6 - #11 T			#5 #6	e 4" THROUGHOUT e 4" THROUGHOUT	15-#11 T 2" R.E. 10"
BM 105B	4 - #9 B 5 - #9 B 4 - #9 T 4 - #10 T			#4 #6	16-1-#5, 1-#10, 4-#4 L.E. REM. #6	11-#10 T 10"
BM 105C	4 - #9 B			#4 #6	e 6" THROUGHOUT	
BM 106	2 - #5 B 2 - #5 T 4 - #4 I (E.F.)			#3	e 12" THROUGHOUT	
BM 107	3 - #8 B 2 - #5 T 4 - #5 I (E.F.)			#3	9x9 E.E. REM. #15	
BM 108				#3	e 5" THROUGHOUT	
BM 109	2 - #5 B 2 - #4 T.U.L. 2 - #4 T.L.L.			#3 #4	e 12" THROUGHOUT 17x6 L.E. REM. #12	SEE SEC. 14/222
BM 110	3 - #8 B.L.L. 2 - #8 B.U.L. 3 - #8 T.U.L. 2 - #8 T.L.L. 6 - #5 I (E.F.)			#4	17x6 L.E. REM. #12	SEE SEC. 19/222 & 8/213 HOOK 1-#8 T.U.L. & 1-#8 T.L.L. 1-#8 SHOWN DOTTED
BM 111	3 - #10 B.L.L. 2 - #10 B.U.L. 2 - #10 T 3 - #10 T.U.L. 3 - #10 T.L.L. 6 - #5 I (E.F.)			#4 #5 #4	R.E. 32x17 3/2 @ 17 REM. #12	SEE SEC. 19/222
BM 112	3 - #9 B 2 - #7 T 1 - #7 T.E.E. 4 - #5 I (E.F.)			#4	20x12 E.E. REM. #24	
BM 113	2 - #6 B 2 - #5 T			#3	4x8 E.E. REM. #12	
BM 114	4 - #8 B 2 - #6 T			#4	e 8" THROUGHOUT	
BM 115	4 - #11 B 2 - #11 B 2 - #9 T 5 - #9 T 6 - #5 I (E.F.)			#4	13x5 1/2 e 7" L.E. 11x5 R.E. REM. #15	
BM 116	3 - #8 B 2 - #8 B 5 - #8 T 2 - #8 T			#4	e 10" THROUGHOUT	
BM 117	8 - #8 B.L.L. 2 - #8 B.U.L. 2 - #9 T 2 - #9 T			#4	12x10 L.E. 7x10 R.E. REM. #15	
BM 118	7 - #8 B 4 - #9 T 4 - #8 T 4 - #8 T			#4	e 5" THROUGHOUT	

BEAM SCHEDULE						
BEAMS	NO. & SIZE	REINFORCING		STIRRUPS	REMARKS	
		BAR CUTTING DETAILS				
		LEFT SUPPORT	RIGHT SUPPORT			
BM 119	6-#8 B. 3-#8 B. 4-#8 T.			#4	e 7" THROUGHOUT	
BM 120	8-#7 T. 3-#8 B. 3-#8 B. 4-#9 T. 3-#9 T.			#4	9x6" L.E. REM. # 8	
BM 121	6-#8 B.L.L. 4-#8 B.L.L. 2-#8 B.U.L. 3-#8 T. 4-#10 T. 2-#9 T ADD. ON LINE 18 ONLY			#4	11x10" L.E. 9x6", 13x10" R.E. REM. #15	SEE NOTE #1
BM 122	4-#10 B. 4-#9 B. 3-#9 T. 6-#9 T.			#4	13x7" L.E. REM. #4	
BM 123	6-#9 B. 3-#9 B. 3-#9 T.			#4	16x4 1/2", 15x5 1/2" L.E. REM. # 7	
BM 124	5-#10 B. 2-#10 B. 5-#10 T.U.L. 4-#10 T.U.L. 2-#9 T.L.L. 4-#5 I (REF.)			#4	21x6" R.E. REM. #10	11x10". 11x10", 21x10",

BEAM SCHEDULE						
BEAMS	REINFORCING			STIRRUPS		REMARKS
	NO. & SIZE	BAR CUTTING DETAILS		SIZE	TYPE	
		LEFT SUPPORT	RIGHT SUPPORT			
BM 138	7 - #11 B 2 - #9 T 3 - #9 T 5 - #11 T			#4	16x4 1/2 @ 6" E.E. REM. @ 10"	
BM 139	7 - #11 B 2 - #9 T 5 - #11 T 3 - #9 T			#4	13x5 1/2 @ 8" E.E. REM. @ 10"	
BM 140	7 - #11 B, L.L. 2 - #11 B, U.L. 1 - #9 T 1 - #9 T 1 - #9 T 1 - #9 T 1 - #9 T 1 - #9 T			#5	16x6 @ 5", 10x6 7" R.E. 11x6 @ 10 @ 10" REM. @ 15"	
BM 141A	4 - #11 B 4 - #11 T, U.L. 3 - #11 T, L.L.			#5	@ 5" THROUGHOUT	
SEE SHEET 218 FOR CONTINUATION						
MACHINE ROOM LEVEL 1 BEAMS						
BM 1601	7 - #10 B 1 - #10 T 2 - #8 T 6 - #4 I (E.F.)			#3	@ 12" THROUGHOUT	SEE 5/212
BM 1602	5-#10 B 2-#10 T 2-#10 T 5-#4 I (E.F.)			#3	@ 12" THROUGHOUT	
BM 1603	2 - #9 B 2 - #9 T 5 - #4 I (E.F.)			#3	@ 12" THROUGHOUT	
BM 1604	2 - #9 B 2 - #9 T 5 - #4 I (E.F.)			#3	@ 12" THROUGHOUT	
BM 1605	3 - #6 B 3 - #6 T			#3	@ 12" THROUGHOUT	
MACHINE ROOM LEVEL 2 BEAMS						
BM 1701	2 - #8 B 2 - #8 T 2 - #4 I (E.F.)			#3	4x10 @ E.E. REM. @ 18"	SEE 6/212
BM 1702	2 - #8 B 2 - #8 T 2 - #4 I			#3	@ 13" THROUGHOUT	
BM 1703	2 - #6 B 2 - #6 T 2 - #4 I (E.F.)			#3	@ 15" THROUGHOUT	
BM 1704	3 - #11 B 2 - #9 T 2 - #4 I (E.F.)			#3	@ 12" THROUGHOUT	
BM 1705	3 - #8 B 2 - #9 T 2 - #4 I (E.F.)			#3	@ 12" THROUGHOUT	
BM 1706	2 - #6 B 2 - #6 T 2 - #4 I (E.F.)			#3	@ 13" THROUGHOUT	
BM 1707	2 - #9 B 2 - #9 T			#5	@ 12" THROUGHOUT	
BM 1708	2 - #6 B 2 - #6 T 2 - #6 T			#3	@ 12" THROUGHOUT	
BM 1709	2 - #6 B 2 - #6 T 2 - #6 T			#3	@ 15" THROUGHOUT	
PENTHOUSE ROOF BEAMS						
BM 1801	2 - #8 B 2 - #6 T			#3	4 @ 12" @ E.E. REM. @ 15"	
BM 1802	2 - #6 B 2 - #6 T 3 - #5 T			#3	4 @ 12" @ E.E. REM. @ 15"	BM 1802 AS SHOWN BM 1802A OPPOSITE
BM 1802A	2 - #6 B 2 - #6 T 3 - #5 T			#3	4 @ 12" @ E.E. REM. @ 15"	
BM 1803	2 - #6 B 2 - #6 T 3 - #5 T			#3	4 @ 12" @ E.E. REM. @ 15"	
BM 1804	2 - #9 B 2 - #9 T 3 - #9 T			#3	3 @ 6" @ 6" @ 6" @ E.E. REM. @ 18"	BM 1804 AS SHOWN BM 1804A OPPOSITE
BM 1804A	2 - #9 B 2 - #9 T 3 - #9 T			#3	3 @ 6" @ 6" @ 6" @ E.E. REM. @ 18"	
BM 1805	2 - #11 B 2 - #11 T 2 - #4 I (E.F.)			#3	3 @ 6" @ 6" @ 6" @ E.E. REM. @ 18"	

NOTES

1) TYP. SPICE FOR BOT. BARS.

2) STD. HOOK UNLESS NOTED

3) BEAMS IN NORTH SOUTH DIRECTION PLACE REIN. IN OUTER LAYER SEAMS IN EAST WEST DIRECTION PLACE REIN. IN INNER LAYER

This drawing is the property of
North Owen Ross

5. SEE REVISIONS

No.	Description	Date	By	Chk
1	REV. FOR CORR. 15	10/1/71	W.B.	W.B.
2	REV. FOR CORR. 15	10/1/71	W.B.	W.B.
3	REV. FOR CORR. 15	10/1/71	W.B.	W.B.
4	REV. FOR CORR. 15	10/1/71	W.B.	W.B.
5	REV. FOR CORR. 15	10/1/71	W.B.	W.B.

Revisions

Drawn: K.B.
Date: 3 FEB 1971
Checked: B.U. 10/1/71
Design: P.V.
Architectural: J.C.
Structural: B.U.
Heating: A.L.
Sanitary: A.L.
Electrical: C.A.
Specifications: P.V.
Process: P.V.
Printed: APR 24 1971

All measurements must be checked on the work by the contractor.
All prints and specifications are the property of the architect and must be returned at the completion of the work.
This drawing not to be used for construction purposes until countersigned by:

Date: 21 MAY 71

NATIONAL LIFE OF CANADA

Head Office Building
University Avenue, Toronto, Canada.

This drawing is the property of
North Owen Ross & Roy

Searle Wilbee Rowland
Architects
Engineers
Planners
Toronto
Canada

Sheet
Title: BEAM SCHEDULE
Scale: 1/8" = 1'-0"
Number: 69039-217