



-200mm TOPPING SLAB REIN. WITH STEEL MESH AT CENTER PROVIDED TOOKLE CONSTRUCTION JOINT AT MAX. 2000mm O/C. SPACING EACH WAY WITH 10000mm GRID DIMENSIONS.
 -SEE ARCH. DWGS. FOR WATER PROOFING LAYER BELOW TOPPING SLAB
 -USE C-1 EXPOSURE CLASSIFICATION AND MIN. ASK TO BE ENTRAINED AIR
 -SEE ARCH. DWG. FOR SLOPES AND DRAINS AND DIMENSIONS.

GROUND FLOOR FRAMING PLAN

- SCALE 1 : 100
- TOP OF ROUGH SLAB IS 0mm BELOW FINISHED FLOOR AT ELEVATION 93.60 EXCEPT AS CROSSED AND NOTED ON PLAN.
 - FLOOR SLABS ARE DESIGNED FOR FOLLOWING LOADING CONDITIONS :

	S.I.D.	L.L.
RESIDENTIAL AREAS	1.30 KPa	1.90 KPa
STAIRS & BALCONIES	0.50 KPa	4.80 KPa
LOCKERS & STORAGE	1.30 KPa	4.80 KPa
CAR PARKING & RAMPS	0.60 KPa	2.40 KPa
OFFICE AREAS	2.30 KPa	4.80 KPa
TOILETS	1.30 KPa	2.40 KPa
RETAIL	2.30 KPa	9.60 KPa
DRIVEWAYS AND SIDEWALKS OVER BASEMENTS	MIN.	14.0 KPa
DRIVEWAYS AND SIDEWALKS OVER BASEMENTS	8.0 KPa	
GARAGE STORAGE	0.60 KPa	7.20 KPa

- * APPLICABLE FOR FLOOR USED BY VEHICLES EXCEEDING 9000 KG GROSS WEIGHT.
- CONCRETE STRENGTH AT 28 DAYS SHALL BE 35 MPa AND CONCRETE STRENGTH AT 28 DAYS SHALL BE 35 MPa OUTSIDE FOOTPRINT OF TOWER AND OR EXPOSED TO DE-IONIC CHEMICALS AND SHALL BE PROPORTIONED FOR C-1 EXPOSURE CLASSIFICATION AND HAVE MIN. 16% TO 8% ENTRAINED AIR, WITH APPROVED CORROSION INHIBITOR ADDED AT A MINIMUM RATE OF 10.0 LITRES PER 1.0 CUBIC METRE OF CONCRETE.
 - CONCRETE STRENGTH AT 28 DAYS FOR ALL PICK UP SLABS & BEAMS SHALL BE 45 MPa U/N.
 - MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
 - TEMPERATURE REINFORCING FOR : 250 SLAB IS 150#400
900 SLAB IS 25#4275
 - NO OPENINGS LARGER THAN 300x300 ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON DRAWINGS.
 - PARTITION ALLOWANCE IN RETAIL AREAS IS 2.0 kPa.
 - SEE TYPICAL PROVISION FOR P.C. STAIR AND MID-LANDING CONSTRUCTION ON DRAWING S-502
 - MINIMUM COVER FOR REINFORCING STEEL IN PARKING SLAB SHALL BE 40mm FOR TOP BARS & 30mm FOR BOTTOM BARS.

- SEE COLUMN & WALL SCHEDULE ON DRAWINGS S-301 TO S-306.
- SEE TYPICAL DETAILS ON DRAWINGS S-001 TO S-006.
- SEE GENERAL NOTES ON DRAWING S-001.
- SEE ARCH. DRAWINGS FOR EXACT FLOOR SLOPES & CURBS.
- FOR OPENINGS EXACT LOCATION & DIMENSION SEE ARCH. DWG'S & MECH. DWG'S.
- ALL GRATING SHALL BE DESIGN FOR LIVE LOAD OF 4.8 KPa.
- DESIGN OF HATCHED AREA ALLOWS FOR LIVE LOAD OF TRUCKS UP TO A MAXIMUM OF 13,500 kPa, IN ACCORDANCE WITH FOLLOWING MINIMUM REQUIREMENTS:
 - UNIFORM LL=12.0 kPa (IBC TABLE 4.1.5.3)
 - CONCENTRATED LL=54.0 kN (IBC TABLE 4.1.5.10)
 - ADDITIONAL REQUIREMENTS OF CHBC CSA-S8

MARK	WIDTH	DEPTH	REINFORCEMENT		STIRRUPS		REMARKS
			BOTTOM CONT.	TOP ADDED	SIZE	SPACING EACH END	
BM-1	1400	900	2-25, 2-25	10-20	15	1#80, #160	ADD 2-15HEF
BM-2	1400	900	2-25, 2-25	10-20	15	1#80, #160	ADD 2-15HEF
BM-3	1400	900	2-25, 2-25	10-20	15	1#80, #125	ADD 2-15HEF
BM-4	1400	900	3-33, 3-33	10-20	15	1#60, #125	ADD 2-15HEF
BM-5	800	900	7-35	5-20	15	1#175, #350	ADD 2-15HEF
BM-6	800	900	7-35	5-20	15	1#175, #350	ADD 2-15HEF
BM-7	1000	900	7-30	5-20	15	1#150, #300	ADD 2-15HEF
BM-8	1000	500	7-25	4-20	10	1#150, #300	ADD 1-15HEF

MARK	WIDTH	DEPTH	REINFORCEMENT		STIRRUPS		REMARKS
			BOTTOM CONT.	TOP ADDED	SIZE	SPACING EACH END	
HB-1	2000	900	14-25	10-20	15	1#200, #400	
HB-2	2000	900	14-25	10-20	15	1#200, #400	
HB-3	2000	900	14-25	10-20	15	1#200, #400	
HB-4	2000	900	14-25	10-20	15	1#200, #400	
HB-5	2000	900	14-25	10-20	15	1#200, #400	
HB-6	2000	900	14-25	10-20	15	1#200, #400	
HB-7	2000	900	14-25	10-20	15	1#200, #400	
HB-8	2000	900	14-25	10-20	15	1#200, #400	
HB-9	2000	900	14-25	10-20	15	1#200, #400	
HB-10	2000	900	14-25	10-20	15	1#200, #400	
HB-11	2000	900	16-30	10-20	15	1#120, #8245, #350	
HB-12	2000	900	14-25	10-20	15	1#200, #400	
HB-13	2000	900	17-25	10-20	15	1#200, #400	
HB-14	2000	900	14-25	10-20	15	1#200, #400	
HB-15	3000	900	17-25	14-20	15	1#75, 7#150, #400	
HB-16	3000	900	17-25	14-20	15	1#60, #8120, #400	
HB-18	3000	900	21-25	14-20	15	1#85, 1#8170, #400	
HB-19	3000	900	20-30	14-20	15	1#115, 1#2020, #400	
HB-20	3000	900	17-25	14-20	15	1#55, 1#8105, #400	
HB-21	3000	900	23-25	14-20	15	1#70, 1#28140, #400	
HB-22	3000	900	23-25	14-20	15	1#120, 1#8245, #400	
HB-23	3000	900	17-25	14-20	15	1#70, #8140, #400	
HB-24	3000	900	17-25	14-20	15	1#50, 1#28100, #350	
HB-25	3000	900	18-30	14-20	15	1#65, 1#8135, #400	
HB-26	3000	900	20-25	14-25	15	1#95, 1#8185, #350	
HB-27	3000	900	23-25	14-25	15	1#75, 2#8195, #350	
HB-28	3000	900	17-25	14-25	15	1#120, #8245, #350	
HB-29	3000	900	18-25	14-20	15	1#140, 7#235, #400	
HB-30	3000	900	18-25	14-20	15	1#200, #400	

MARK	WIDTH	DEPTH	REINFORCEMENT		STIRRUPS		REMARKS
			BOTTOM CONT.	TOP ADDED	SIZE	SPACING EACH END	
HB-31	3000	900	17-25	14-20	15	1#115, #8230, #350	
HB-32	3000	900	18-25	14-20	15	1#175, #350	
HB-33	3000	900	17-25	14-20	15	1#175, #350	
HB-34	3000	900	17-30	14-20	15	1#50, 1#70100, #300	
HB-35	3000	900	17-25	14-20	15	1#175, #350	
HB-36	3000	900	18-30	14-30	15	1#50, 1#70100, #350	
HB-37	3000	900	17-25	14-30	15	1#175, #350	
HB-38	3000	900	18-25	14-30	15	1#55, 1#70110, #350	
HB-39	2000	900	15-25	12-20	15	1#200, #400	
HB-40	2000	900	15-25	12-20	15	1#200, #400	
HB-41	2000	900	15-25	12-20	15	1#70, #8140, #400	
HB-42	2000	900	15-30	12-20	15	1#100, #8200, #400	
HB-43	2000	900	15-30	15-25	15	1#105, #8210, #300	
HB-44	2000	900	24-35	15-25	15	1#65, #135	
HB-45	2000	900	20-35	15-25	15	1#65, 1#4130, #200	
HB-46	3000	900	14-30	15-25	15	1#50, 1#2895, #250	
HB-47	3000	900	17-25	15-20	15	1#55, 1#8110, #400	
HB-48	3000	900	17-25	15-20	15	1#55, 1#8110, #400	
HB-49	3000	900	33-35	15-20	15	1#55, 1#8175, #200	
HB-50	3000	900	33-35	15-20	15	1#75, 1#70150, #330	
HB-51	3000	900	33-35	15-20	15	1#75, 1#70150, #330	
HB-52	4000	900	33-30	15-20	15	1#135, #8270, #310	
HB-53	3000	900	24-35	15-20	15	1#135, #8270, #310	
HB-54	3000	900	24-35	15-20	15	1#135, #8270, #310	
HB-55	3000	900	19-35	15-20	15	1#150, #300	
HB-56	4000	900	35-30	15-20	15	1#135, #8270, #310	
HB-57	5000	900	30-25	30-25	15	1#75, 1#8150, #180	
HB-58	3000	900	22-30	15-20	15	1#195, #9195, #350	
HB-59	3000	900	22-25	15-20	15	1#195, #9195, #350	
HB-60	2500	900	17-35	12-20	15	1#175, #330	
HB-61	2500	900	17-25	12-20	15	1#110, #5210, #350	

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IMPERIAL SCALE DRAWING
 FIRST FLOOR ELEV. 93.60m

No.	Issued / Revised	Date
1	ISSUED FOR PERMIT	2014/06/26
2	REVISION FOR PERMIT	2014/07/10

ALEXANDRA PARK - BLOCK 11
 TORONTO, ONTARIO

project no: 13015
 scale: 1:100
 H.W. HOLSMAN
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