

**P1 PARKING LEVEL FRAMING PLAN**

SCALE 1 : 100

- TOP OF SLAB IS AT ELEVATION AS SHOWN ON ARCH. DRAWINGS EXCEPT AS CROSSED AND NOTED ON PLAN.
- FOR LIVE LOADS SEE GENERAL NOTES ON DRAWINGS S-001 EXCEPT AS NOTED. FLOOR SLABS ARE DESIGNED FOR FOLLOWING LOADING CONDITIONS:

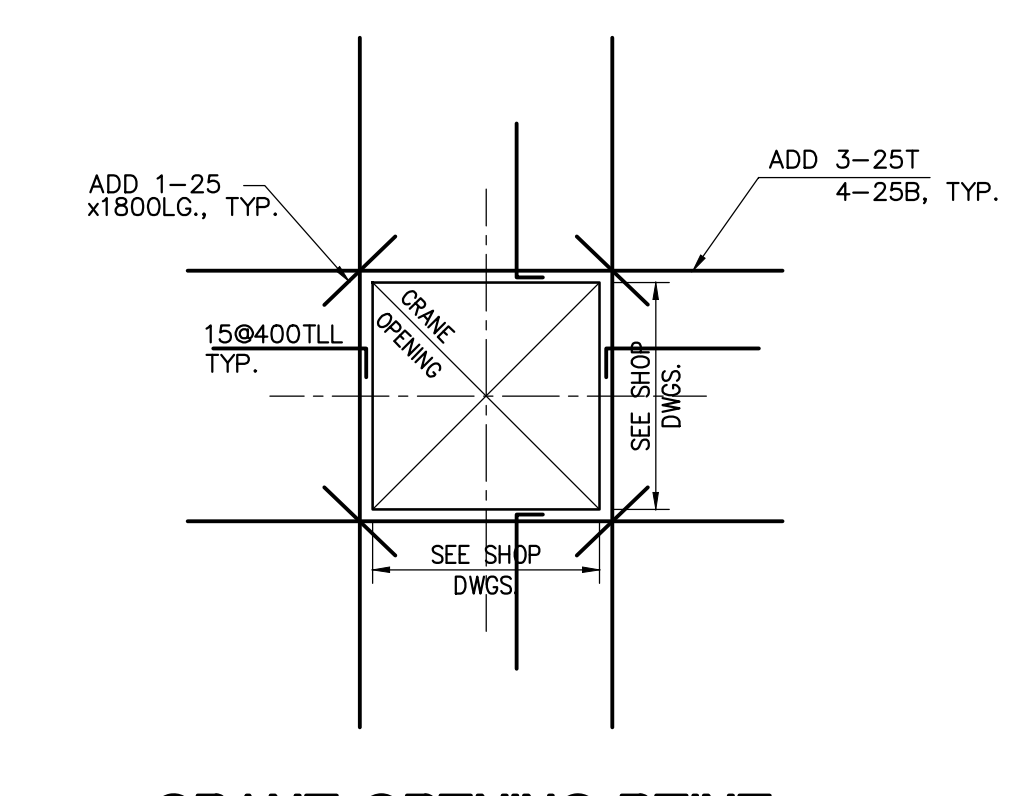
	S.L.D.	L.L.
PARKING & DRIVEWAYS	0.50 kPa	2.40 kPa
LOCKERS & STORAGE	0.50 kPa	4.80 kPa
STAIRS	0.50 kPa	4.80 kPa
LOBBIES	1.00 kPa	4.80 kPa
MECHANICAL ROOMS	1.20 kPa	7.20 kPa
STORM WATERTANK	0.50 kPa	25.0 kPa

- CONCRETE STRENGTH AT 28 DAYS SHALL BE 35 MPa. CONCRETE EXPOSED TO BEING CHEMICALS SHALL BE PROPORTIONED FOR C-1 EXPOSURE CLASSIFICATION AND HAVE 6% TO 8% ENTRAINED AIR WITH APPROVED CORROSION INHIBITOR ADDED AT A MINIMUM RATE OF 10.0 LITRES PER 1.0 CUBIC MTR OF CONCRETE.
- MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
- TEMPERATURE REINFORCING FOR : 210 SLAB IS 10B350  
230 SLAB IS 15B430  
300 SLAB IS 15B330
- NO OPENINGS LARGER THAN 300x300 ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON DRAWINGS.
- 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 CONCRETE CURB LOCATIONS.
- MINIMUM COVER FOR REINFORCING STEEL IN RAMPS AND PARKING SLAB SHALL BE 40mm FOR TOP BARS AND 30mm FOR BOTTOM BARS.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT SLAB SLOPES.
- FOR OPENINGS EXACT LOCATION & DIMENSION SEE ARCH. DWG'S & MECH. DWG'S.

**P1 FLOOR BEAM SCHEDULE (fc' = 35MPa)**

MARK	WIDTH	DEPTH	REINFORCEMENT		STIRRUPS		REMARKS
			BOTTOM CONT.	TOP CONT. "A" BARS	SIZE	SPACING EACH END	
BM-1	300	1600	3-25	2-20	10	10200, 0400	15B300 HEF
BM-2	300	1600	3-25	2-20	10	10200, 0400	15B300 HEF
BM-3	300	1800	3-25	2-20	10	10200, 0400	15B300 HEF
BM-4	1000	500	8-30	6-20	15	1070, 12B135, 0220	ADD 1-15HEF
BM-5	1000	500	6-30	6-20	15	1070, 7B145, 0250	ADD 1-15HEF
BM-6	1000	500	6-30	6-20	15	1070, 8B145, 0250	ADD 1-15HEF
BM-7	1000	500	10-30	6-20	15	1055, 17B110, 0250	ADD 1-15HEF
BM-8	1000	500	10-30	6-20	15	1055, 17B110, 0250	ADD 1-15HEF
BM-9	300	1000	3-20	2-20	10	10200, 0400	15B300 HEF
BM-10	300	2350	3-25	2-20	10	10200, 0400	15B300 HEF
BM-11	300	3000	3-25	2-20	10	10200, 0400	15B300 HEF
BM-12	300	3600	3-25	2-20	10	10200, 0400	15B300 HEF
BM-13	300	4300	3-25	2-20	10	10200, 0400	15B300 HEF

\* TO BE CONFIRMED ON SITE



**CRANE OPENING REIN.**  
FOR ADDITIONAL REINFORCING SEE TYPICAL DETAILS

Jablonsky, Ast  
and Partners  
CONSULTING  
ENGINEERS



FIRST FLOOR ELEV. 93.60m

NO.	ISSUED / REVISED	DATE
1	ISSUED FOR PERMIT	2014-09-23
2	RE ISSUED FOR PERMIT	2014-07-01
3	ISSUED FOR FORMING TRENCH	2014-08-27
4	CONSTRUCTION REVIEW	2015-03-23
5	RE ISSUED FOR PERMIT	2015-01-07
6	ISSUED FOR CONSTRUCTION	2015-03-11
7	UPDATED - P.C.	2015-04-23
8	UPDATED - P.C.	2015-05-21
9	ISSUED FOR B.P.	2015-07-01
11	ISSUED FOR B.I.T.	2015-11-04

**ALEXANDRA PARK - BLOCK 11**  
TORONTO, ONTARIO

project no: 13015  
scale: 1:100  
drawn by: H.W.  
checked by: H.W.  
date started: MARCH 2014

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