

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.O.	LL.
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

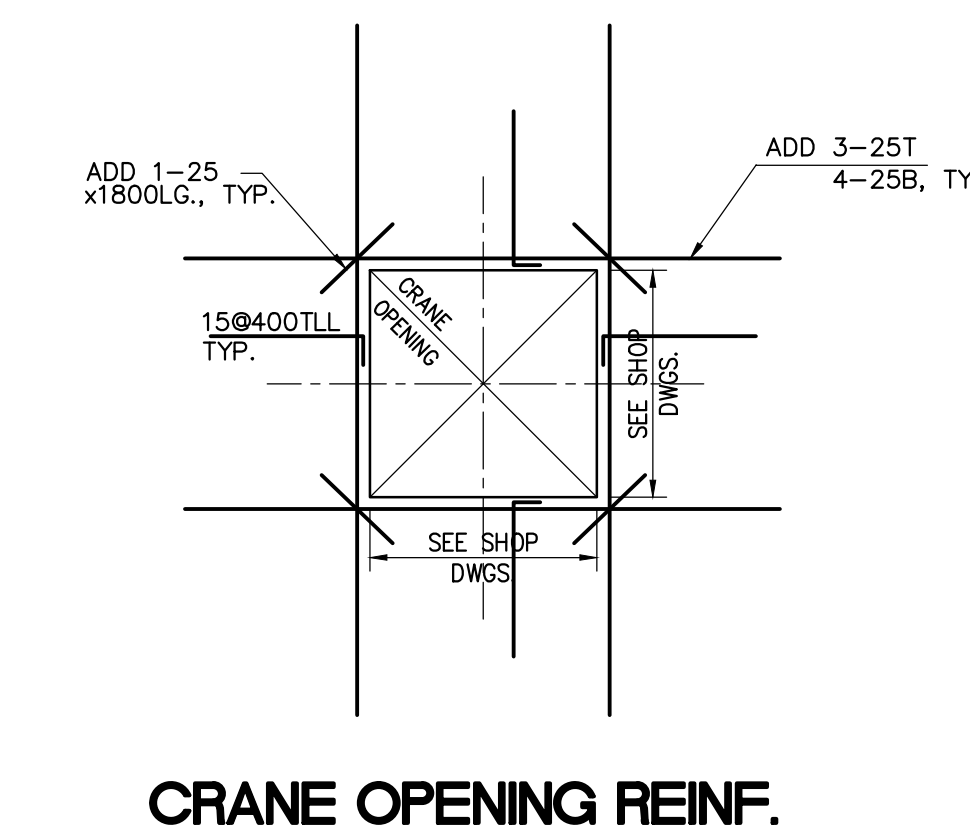
- CONCRETE STRENGTH AT 28 DAYS SHALL BE 35 MPa. CONCRETE EXPOSED TO BEING CHEMICALS SHALL BE PROPORTIONED FOR C-1 EXPOSURE CLASSIFICATION AND HAVE 6% TO 8% ENTRAINED AIR WITH APPROVED CORROSION INHIBITOR ADDED AT A MINIMUM RATE OF 10.0 LITRES PER 1.0 CUBIC MTR OF CONCRETE.

- MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
- TEMPERATURE REINFORCING FOR : 210 SLAB IS 10@250
230 SLAB IS 10@300
300 SLAB IS 10@330
- NO OPENINGS LARGER THAN 300x300 ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON DRAWINGS.
- SEE COLUMN & WALL SCHEDULE ON DRAWINGS S-001 TO S-006.
- 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	TOP	SIZE	TYPE	
			CONT.	ADDED	CONT.	"A" BARS	
BM-1	300	1600	3-25	2-20	10	10@200, 0400	15@300 HEF
BM-2	300	1600	3-25	2-20	10	10@200, 0400	15@300 HEF
BM-3	300	1800	3-25	2-20	10	10@200, 0400	15@300 HEF
BM-4	1000	500	8-30	6-20	15	1070, 12@135, 0220	ADD 1-1SHEF
BM-5	1000	500	6-30	6-20	15	1070, 7@145, 0220	ADD 1-1SHEF
BM-6	1000	500	6-30	6-20	15	1070, 8@145, 0220	ADD 1-1SHEF
BM-7	1000	500	10-30	6-20	15	1055, 17@110, 0250	ADD 1-1SHEF
BM-8	1000	500	10-30	6-20	15	1055, 17@110, 0250	ADD 1-1SHEF
BM-9	300	1000*	3-20	2-20	10	10@200, 0400	15@300 HEF
BM-10	300	2350*	3-25	2-20	10	10@200, 0400	15@300 HEF
BM-11	300	3000*	3-25	2-20	10	10@200, 0400	15@300 HEF
BM-12	300	3600*	3-25	2-20	10	10@200, 0400	15@300 HEF
BM-13	300	4300*	3-25	2-20	10	10@200, 0400	15@300 HEF

* TO BE CONFIRMED ON SITE



FOR ADDITIONAL REINFORCING SEE TYPICAL DETAILS

Jablonsky, Ast and Partners CONSULTING ENGINEERS
1128 LESLIE STREET
DON MILLS, ON, M3C 2G5
TEL: 416-447-7400
FAX: 416-447-7771
E-mail: jab@ast.on.ca



FIRST FLOOR ELEV. 93.60m

NO.	ISSUED / REVISION	DATE
1	ISSUED FOR PERMIT	2014/03/26
2	RE ISSUED FOR PERMIT	2014/04/10
3	ISSUED FOR FORMING TENDER	2014/04/27
4	CONSTRUCTION PERMIT	2014/04/28
5	RE ISSUED FOR PERMIT	2014/05/27
6	ISSUED FOR CONSTRUCTION	2014/05/18
7	UNAPPROVED - P.C.	2014/05/28
8	UNAPPROVED - P.C.	2014/05/27
9	ISSUED FOR USE	2014/05/28

ALEXANDRA PARK - BLOCK 11
TORONTO, ONTARIO

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

P1 PARKING LEVEL FRAMING PLAN