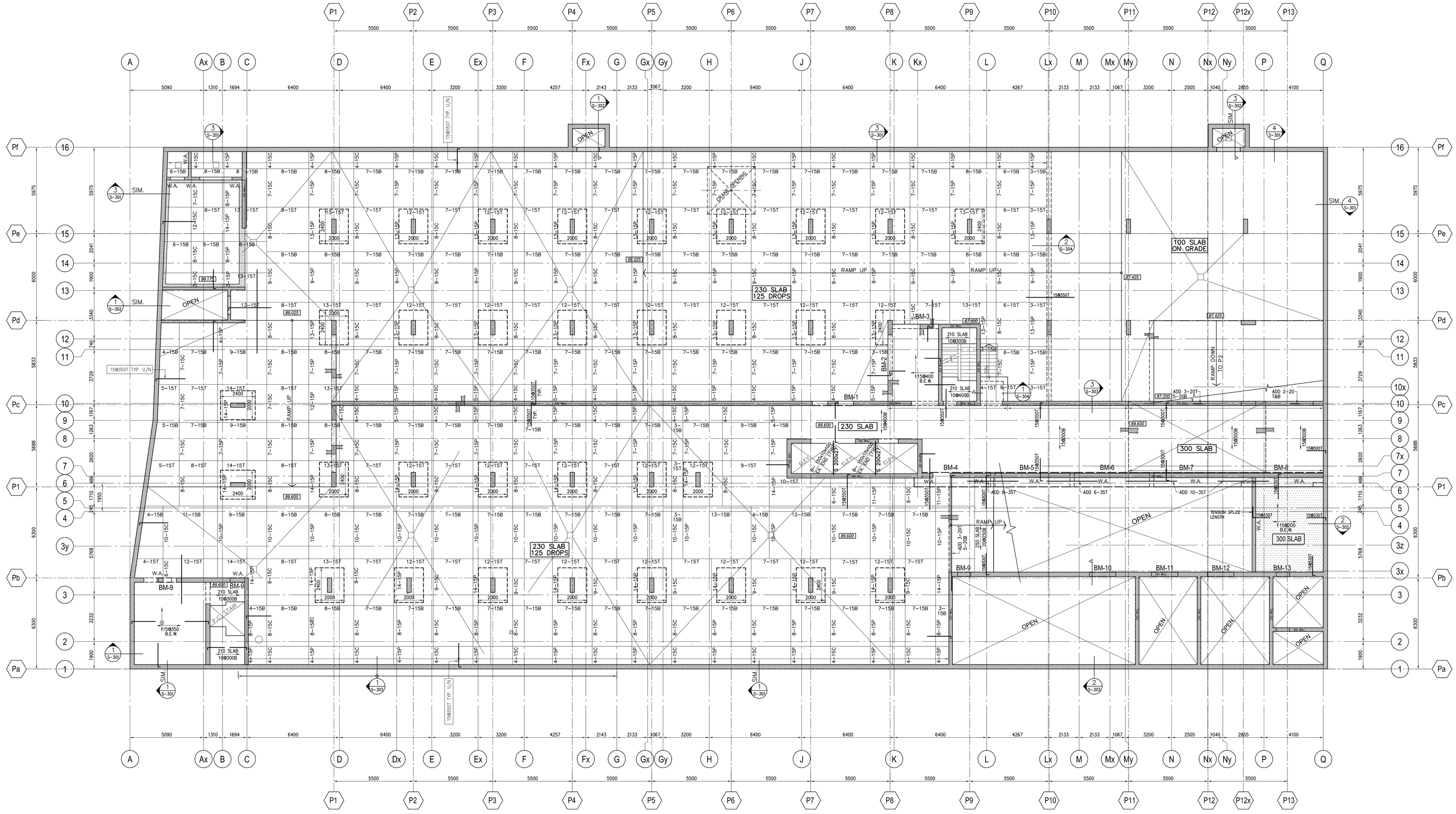


P1 PARKING LEVEL FRAMING PLAN

SCALE 1 : 100

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

		S.I.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

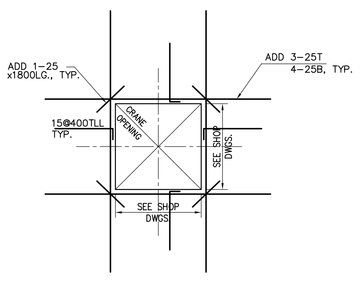
✳

3. CONCRETE STRENGTH AT 28 DAYS SHALL BE 35 MPa. CONCRETE EXPOSED TO DEICING 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 MTRE OF CONCRETE.
4. MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
5. TEMPERATURE REINFORCING FOR : 210 SLAB IS 10@350
   230 SLAB IS 15@430
   300 SLAB IS 15@330
6. NO OPENINGS LARGER THAN 300x300 ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON DRAWINGS.
7. SEE COLUMN & WALL SCHEDULE ON DRAWINGS S–301 TO S–306.
8. SEE TYPICAL DETAILS ON DRAWINGS S–001 TO S–006.
9. SEE GENERAL NOTES ON DRAWING S–001.
10. SEE ARCH. DRAWINGS FOR CONCRETE CURB LOCATIONS.
11. MINIMUM COVER FOR REINFORCING STEEL IN RAMPS AND PARKING SLAB SHALL BE 40mm FOR TOP BARS AND 30mm FOR BOTTOM BARS.
12. SEE ARCHITECTURAL DRAWINGS FOR EXACT SLAB SLOPES.
13. FOR OPENINGS EXACT LOCATION & DIMENSION SEE ARCH. DWG'S & MECH. DWG'S.

P1 FLOOR BEAM SCHEDULE (fc'=35MPa)

MARK	WIDTH	DEPTH	REINFORCEMENT BOTTOM CONT.	BOTTOM ADDED	TOP CONT.	TOP "A"BARS	STIRRUPS SIZE	TYPE	SPACING EACH END	REMARKS
BM–1	300	1600	3–25		2–20		10		1@200, @400	15@300 HEF
BM–2	300	1600	3–25		2–20		10		1@200, @400	15@300 HEF
BM–3	300	1800	3–25		2–20		10		1@200, @400	15@300 HEF
BM–4	1000	500	8–30		6–20		15		1@70, 12@135, @220	ADD 1–15HEF
BM–5	1000	500	6–30		6–20		15		1@70, 7@145, @250	ADD 1–15HEF
BM–6	1000	500	6–30		6–20		15		1@70, 8@145, @250	ADD 1–15HEF
BM–7	1000	500	10–30		6–20		15		1@55, 17@110, @250	ADD 1–15HEF
BM–8	1000	500	6–30		6–20		15		1@95, 5@190, @250	ADD 1–15HEF
BM–9	300	1000✳	3–20		2–20		10		1@200, @400	15@300 HEF
BM–10	300	2350✳	3–25		2–20		10		1@200, @400	15@300 HEF
BM–11	300	3000✳	3–25		2–20		10		1@200, @400	15@300 HEF
BM–12	300	3600✳	3–25		2–20		10		1@200, @400	15@300 HEF
BM–13	300	4300✳	3–25		2–20		10		1@200, @400	15@300 HEF

✳ TO BE CONFIRMED ON SITE



CRANE OPENING REINF.

FOR ADDITIONAL REINFORCING SEE TYPICAL DETAILS

Jablonsky, Ast and Partners
CONSULTING ENGINEERS
1129 LESLIE STREET
DON MILLS, ON., M3C 3K5
TEL 416–447 7405
FAX 416–447 2771
E-mail jap@astint.on.ca

PROFESSIONAL ENGINEER
P.F. AST
13015
PROVINCE OF ONTARIO

FIRST FLOOR ELEV. 93.60m

no.	issued / revised	date:
1	ISSUED FOR PERMIT	2014-05-30
2	RE ISSUED FOR PERMIT	2014-07-10
3	ISSUED FOR FORMAL TENDER	2014-08-27
4	CONSTRUCTION REVIEW	2014-12-15
5	RE ISSUED FOR PERMIT	2015-01-27

ALEXANDRA PARK - BLOCK 11
TORONTO, ONTARIO

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

P1 PARKING LEVEL FRAMING PLAN

S-102