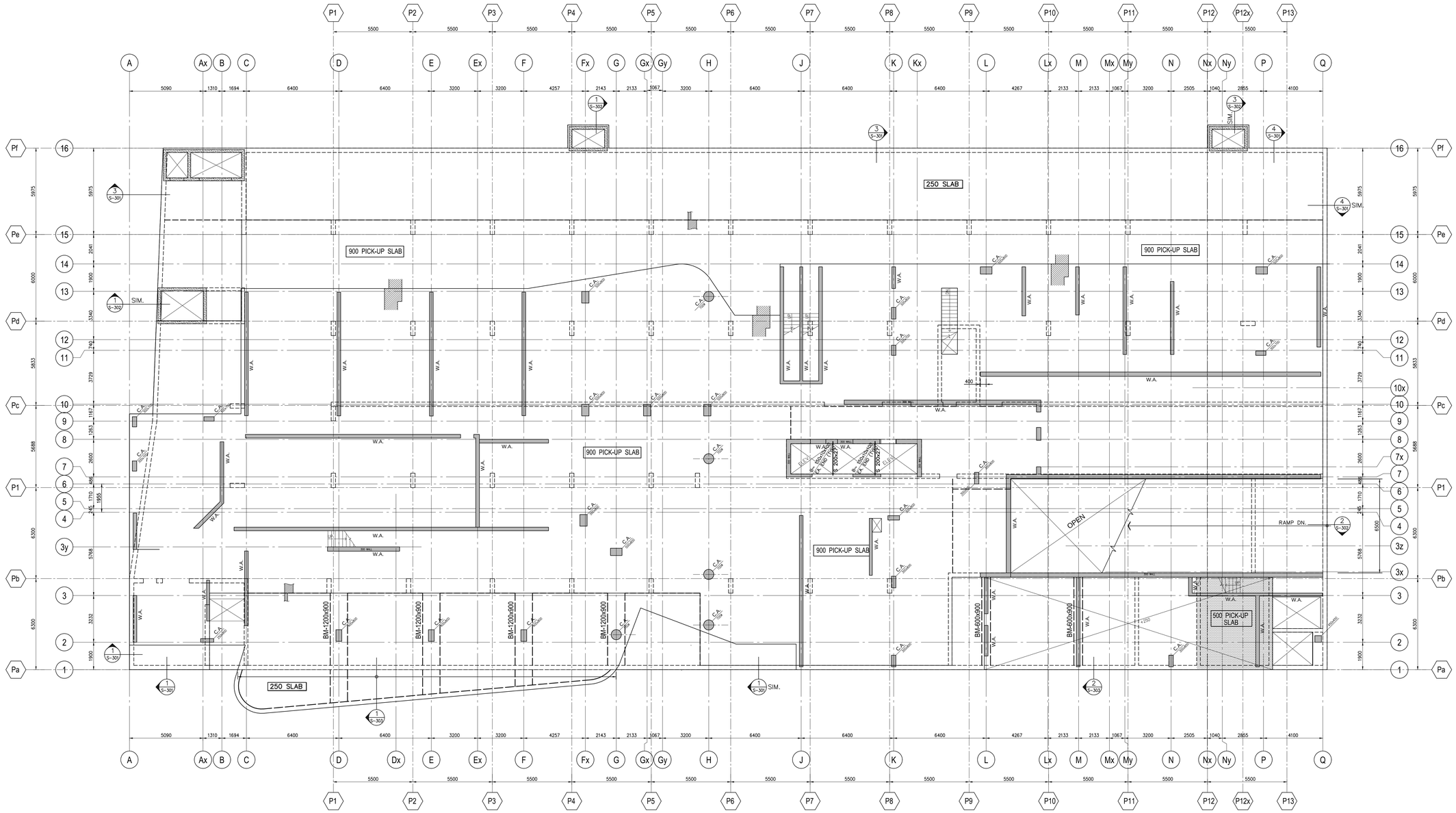

GROUND FLOOR FRAMING PLAN

SCALE 1 : 100

1. TOP OF ROUGH SLAB IS 0mm BELOW FINISHED FLOOR AT ELEVATION 93.60 EXCEPT AS CROSSED AND NOTED ON PLAN.
2. 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 BASEMEMNTS	MIN. 8.0 KPa	14.0 KPa
DRIVEWAYS AND SIDEWALKS OVER BASEMEMNTS	8.0 KPa	P=54KN *
GARBAGE STORAGE	0.60 KPa	7.20 KPa

* APLICABLE FOR FLOOR USED BY VEHICLES EXCEEDING 9000 Kg GROSS WEIGHT.

3. 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-ICING CHEMICALS AND SHALL BE PROPORTIONED FOR C-1 EXPOSURE CLASSIFICATION AND HAVE MIN. ±6% 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.
4. MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
5. TEMPERATURE REINFORCING FOR : 250 SLAB IS 15Φ400
   500 SLAB IS
   900 SLAB IS 25Φ275
6. NO OPENINGS LARGER THAN 300x300 ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON DRAWINGS.
7. PARTITION ALLOWANCE IN RETAIL AREAS IS 2.0 kPa.
8. SEE TYPICAL PROVISION FOR P.C. STAIR AND MID-LANDING CONSTRUCTION ON DRAWING S-002.
9. MINIMUM COVER FOR REINFORCING STEEL IN PARKING SLAB SHALL BE 40mm FOR TOP BARS & 30mm FOR BOTTOM BARS.
10. SEE COLUMN & WALL SCHEDULE ON DRAWINGS S-301 TO S-306.
11. SEE TYPICAL DETAILS ON DRAWINGS S-001 TO S-006.
12. SEE GENERAL NOTES ON DRAWING S-001.
13. SEE ARCH. DRAWINGS FOR EXACT FLOOR SLOPES & CURBS.
14. FOR OPENINGS EXACT LOCATION & DIMENSION SEE ARCH. DWG'S & MECH. DWG'S.
15. ALL GRATING SHALL BE DESIGN FOR LIVE LOAD OF 4.8 KPa.
16. DESIGN OF HATCHED AREA ▨ ALLOWS FOR LIVE LOAD OF TRUCKS UP TO A MAXIMUM OF 13,500 kgs, IN ACCORDANCE WITH FOLLOWING MINIMUM REQUIREMENTS:
    a) UNIFORM LL=12.0 kPa (OBC TABLE 4.1.5.3)
    b) CONCENTRATED LL=54.0 kN (OBC TABLE 4.1.5.10)
    c) ADDITIONAL REQUIREMENTS OF CHBDC CSA-S6

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P.F. AST
13015
PROVINCE OF ONTARIO

IMPERIAL SCALE DRAWING
FIRST FLOOR ELEV. 93.60m

no.	issued / revised	date:
1	ISSUED FOR PERMIT	2014-05-30

ALEXANDRA PARK - BLOCK 11
TORONTO, ONTARIO

project no:	13015
scale:	AS NOTED
drawn by:	H.W.
reviewed by:	HOUMAN
date started:	MARCH 2014

GROUND FLOOR FRAMING PLAN

S-103

2014-05-30

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