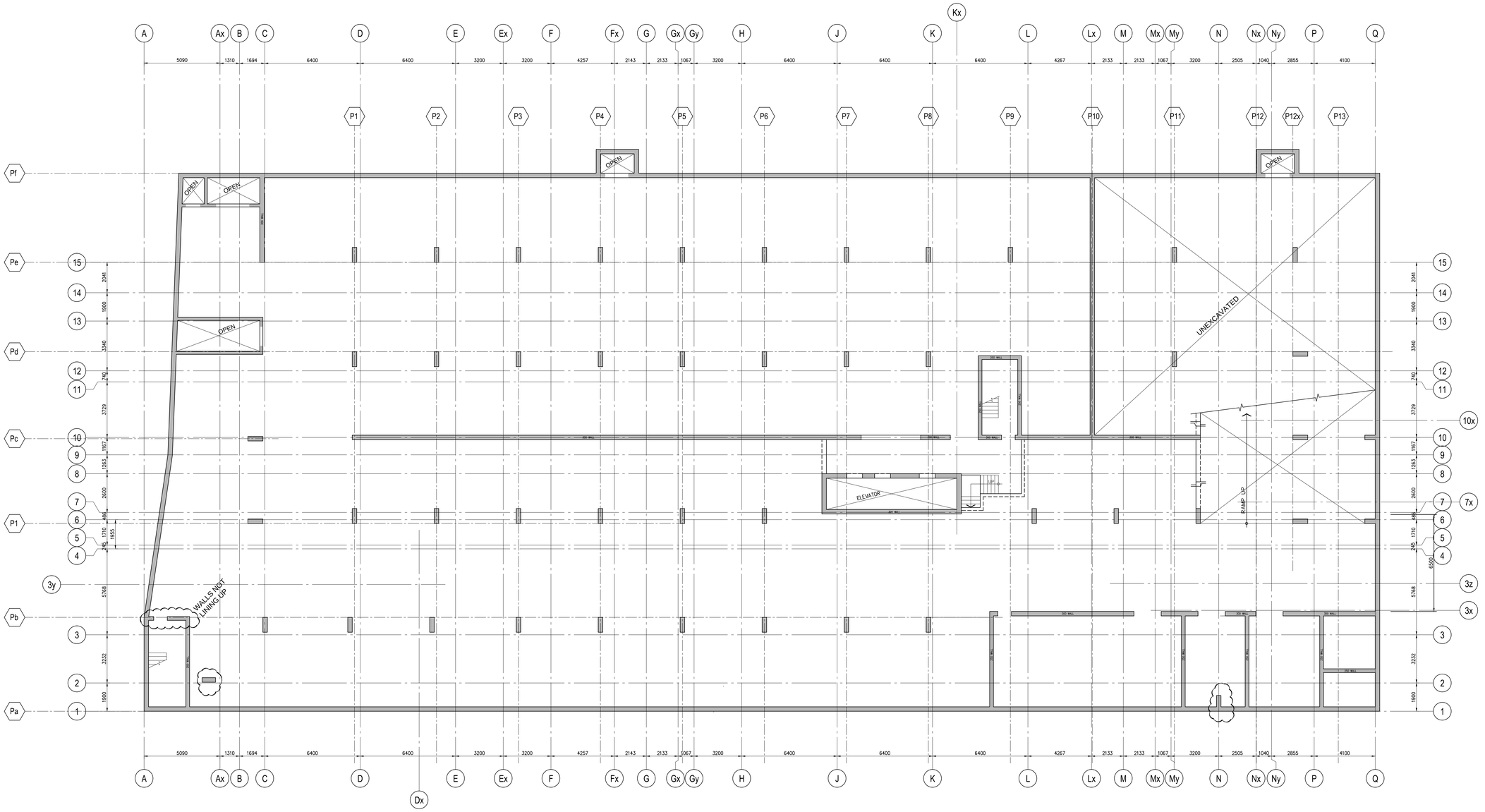

FOUNDATION PLAN (PARKING LEVEL P2)

SCALE 1:100

1. FOOTINGS SHALL BE CARRIED DOWN TO BEAR ON NATURAL UNDISTURBED SOIL CAPABLE OF SAFELY SUSTAINING XXXX kPa (ULS) AND XXX kPa (SLS). FOR MORE DETAILS SEE GEOTECHNICAL REPORT BY TERRAPROBE INC. REFERENCE No. 1-10-5131, DATED AUGUST 6, 2010.
2. FINISHED P2 PARKING LEVEL IS AT ELEVATION XXX.XX EXCEPT AS CROSSED AND NOTED.
3. TOP OF TYPICAL FOOTINGS IS 300mm (MIN.) FROM TOP OF FINISHED SLAB ON GRADE. TOP OF FOOTINGS AT MECHANICAL RISERS AND PERIMETER FOUNDATION WALL IS 450mm (MIN.) FROM TOP OF FINISHED SLAB ON GRADE. BOTTOM OF FOOTING ELEVATION SHALL BE ESTABLISHED BY SUBTRACTING THE DEPTH OF FOOTING (SEE DRAWING S-XXX) FROM THE ELEVATION OF TOP OF FOOTING UNLESS NOTED OTHERWISE ON PLAN.
4. CONCRETE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:
   FOOTINGS AND CAPS ———— 35 MPa
   SLAB ON GRADE — 25 MPa, EXPOSURE CLASS 'C4'.
   FOUNDATION WALLS — 35 MPa, EXPOSURE CLASS 'F2' WITH 4% TO 7% ENTRAINED AIR.
   COLUMN/SHEAR WALLS SEE COLUMN/WALL SCHEDULE, DRAWING SERIES S-400.
5. MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
6. SLAB ON GRADE SHALL BE 100mm THICK, REINFORCED WITH FIBRILLATED POLYPROPYLENE FIBERS, UNLESS OTHERWISE NOTED ON PLAN. SLAB ON GRADE SHALL BE SAW-CUT IN PANELS NOT EXCEEDING 4500mm IN LENGTH.
7. SEE FOOTING SCHEDULE ON DRAWING S-XXX.
8. SEE GENERAL NOTES ON DRAWING S-001.
9. SEE COLUMN & WALL SCHEDULE ON DRAWING SERIES S-400.
10. SEE TYPICAL DETAILS ON DRAWINGS S-001 TO S-003.
11. SEE ARCH. DRAWINGS FOR EXACT FLOOR SLOPES AND DRAIN LOCATIONS.
12. CENTER LINE OF FOOTING IS THE CENTER LINE OF COLUMN OR SHEAR WALL UNLESS OTHERWISE NOTED ON PLAN.
13. S.U.F. DENOTES STEP UP FOOTING, SEE DETAIL FOR STEPPED FOOTING ON DRAWING S-003.
14. PROVIDE 25mm THICK RIGID INSULATION UNDER SLAB ON GRADE ADJACENT TO AIR SHAFTS FOR A DISTANCE OF 1200mm FROM SHAFT.
15. VERIFY ELEVATOR PIT DEPTH WITH ELEVATOR MANUFACTURER.
16. SEE TYPICAL DETAILS FOR FOOTINGS AT PREFABRICATED SUMP PITS, VERIFY LOCATION OF PITS WITH MECHANICAL DRAWINGS.
17. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND SIZES OF ALL CONCRETE CURBS, SEE TYPICAL DETAILS FOR REINFORCING.

Jablonsky, Ast and Partners
CONSULTING ENGINEERS
1129 LESLIE STREET
DON MILLS, ON., M3C 2K5
TEL 416-447 7405
FAX 416-447 2771
E-mail jap@astrnt.on.ca

REGISTERED PROFESSIONAL ENGINEER
P.F. AST
13015
PROVINCE OF ONTARIO

IMPERIAL SCALE DRAWING

FIRST FLOOR ELEV. 93.60m

no.	issued / revised	date:

ALEXANDRA PARK - BLOCK 11
TORONTO, ONTARIO

project no: 13015
scale: AS NOTED
drawn by: NAME
reviewed by: NAME
date started: MARCH 2014

Teeple Architects
5 CAMDEN STREET TORONTO, ONTARIO
416-599-5544 (TEL) INFO@TEEPLEARCH.COM FAX 416-599-1745

FOUNDATION PLAN (PARKING LEVEL P2)

S-101

2014-04-15

D:\PROJECTS--CURRENT\13015 ALEXANDRA PARK BLOCK-11\STRUCT\S--101-FDN-P2.dwg, 2014-04-15 11:07:0m

1219x914