

ALEXANDRA PARK (#1313)  
MECHANICAL DRAWING LIST

NO.	DESCRIPTION	SCALE	05/20/14 ISSUED FOR PERMIT	07/10/14 RE-ISSUED FOR PERMIT	08/11/14 RE-ISSUED FOR PERMIT
M-1	SITE PLAN	1:150	✓	✓	✓
M-2	P-2 FLOOR PLAN - SUB-SLAB DRAINAGE LAYOUT	1:100	✓	✓	✓
M-3	P-2 FLOOR PLAN - MECHANICAL LAYOUT	1:100	✓	✓	✓
M-4	P-1 FLOOR PLAN - HVAC LAYOUT	1:100	✓	✓	✓
M-5	P-1 FLOOR PLAN - PFD LAYOUT	1:100	✓	✓	✓
M-6	G/F - SOUTH HVAC DUCTWORK LAYOUT	1:50	✓	✓	✓
M-7	G/F - NORTH HVAC DUCTWORK LAYOUT	1:50	✓	✓	✓
M-8	G/F - SOUTH HVAC PIPING LAYOUT	1:50	✓	✓	✓
M-9	G/F - NORTH HVAC PIPING LAYOUT	1:50	✓	✓	✓
M-10	G/F - SOUTH PFD LAYOUT	1:50	✓	✓	✓
M-11	G/F - NORTH PFD LAYOUT	1:50	✓	✓	✓
M-12	2/F - SOUTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-13	2/F - NORTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-14	3/F - SOUTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-15	3/F - NORTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-16	4/F - SOUTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-17	4/F - NORTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-18	5/F - SOUTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-19	5/F - NORTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-20	6/F - SOUTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-21	6/F - NORTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-22	7/F - SOUTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-23	7/F - NORTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-24	8/F - SOUTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-25	8/F - NORTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-26	9/F - SOUTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-27	9/F - NORTH MECHANICAL LAYOUT	1:50	✓	✓	✓
M-28	10/F - MECHANICAL LAYOUT	1:50	✓	✓	✓
M-29	11/F - MECHANICAL LAYOUT	1:50	✓	✓	✓
M-30	12/F - MECHANICAL LAYOUT	1:50	✓	✓	✓
M-31	13/F - MECHANICAL LAYOUT	1:50	✓	✓	✓
M-32	14/F - MECHANICAL LAYOUT	1:50	✓	✓	✓
M-33	MECHANICAL PENTHOUSE - PFD AND HVAC PIPING LAYOUT	1:25	✓	✓	✓
M-34	ROOF PLAN	N.T.S.	✓	✓	✓
M-35	SYSTEM WATER RISER DIAGRAM	N.T.S.	✓	✓	✓
M-36	DCW DHW 4 DHUR RISER DIAGRAM	N.T.S.	✓	✓	✓
M-37	PRESSURIZATION / VENTILATION RISER DIAGRAM	N.T.S.	✓	✓	✓
M-38	SANITARY RISER DIAGRAM	N.T.S.	✓	✓	✓
M-39	SCHEMATICS	N.T.S.	✓	✓	✓
M-40	DETAILS #1	N.T.S.	✓	✓	✓
M-41	DETAILS #2	N.T.S.	✓	✓	✓
M-42	CONTROL DETAIL DRAWING	N.T.S.	✓	✓	✓
M-43	SCHEDULES	N.T.S.	✓	✓	✓

LEGEND  
SITE MECHANICAL

SYMBOL	DESCRIPTION
---	SANITARY ABOVE GRADE
---	SANITARY BELOW GRADE
---	STORM ABOVE GRADE
---	STORM BELOW GRADE
---	DOMESTIC COLD WATER
---	GAS LINE
---	FIRE LINE
---	CATCH BASIN
---	DOUBLE CATCH BASIN
---	MAN HOLE
---	CATCH BASIN MAN HOLE
---	GAS METER
---	WATER METER
---	ROOF DRAIN
---	ELBOW UP
---	ELBOW DOWN
---	WALL CLEANOUT
---	FLOOR CLEANOUT
---	SIAMSE CONNECTION
---	EXTENSIVE PUSHT
---	LEAVING INVERT

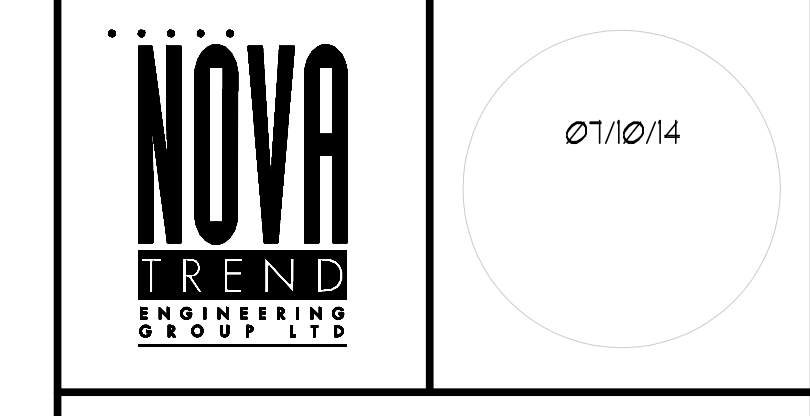


NOTES:

- INCOMING 150" FIRE LINE. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- INCOMING 100" DCW. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- 300" SAN LEAVING PIPE @ 2% AT INV. 89.00. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- 1200" MANHOLE BY OTHERS. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- 375" STORM LEAVING PIPE @ 2% AT INV. 91.13. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- OIL/GREASE SEPARATOR BY OTHERS. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- INCOMING GAS STATION C/W 5 LB. REGULATOR AND METERS BY ENBRIDGE. APPROX. BUILDING LOAD = 12,000 CFH. APPROX. EMERGENCY GENERATOR = 2,100 CFH. 63" (5 LB.) FOR BUILDING AND 32" (5 LB.) FOR GENERATOR SHUT-OFF VALVE. PROVIDE LABEL ON EMERGENCY GENERATOR SHUT-OFF VALVE: "EMERGENCY GENERATOR SUPPLY - DO NOT CLOSE". SEE "ENBRIDGE GAS METER/REGULATING STATION DETAIL" ON THIS DRAWING FOR DETAIL.
- 8300x1250 (15 M<sup>2</sup>, 805 FT<sup>2</sup>) FRESH AIR INTAKE SHAFT FOR P-2 LEVEL.
- 2250x1300 (2.93 M<sup>2</sup>, 315 FT<sup>2</sup>) FRESH AIR INTAKE SHAFT FOR P-1 LEVEL. C/W GRATE BY OTHERS.
- 2250x1300 (2.93 M<sup>2</sup>, 315 FT<sup>2</sup>) FRESH AIR INTAKE SHAFT FOR P-2 LEVEL. C/W GRATE BY OTHERS.
- 5200x1700 (8.84 M<sup>2</sup>, 95 FT<sup>2</sup>) AIR SHAFT FOR GENERATOR INTAKE 4 EXHAUST C/W GRATE BY OTHERS.
- 3100x2000 (6.2 M<sup>2</sup>, 68 FT<sup>2</sup>) EXHAUST AIR SHAFT FOR P-1 + P-2 LEVEL. C/W GRATE BY OTHERS.
- EXISTING FIRE HYDRANT.
- SIAMSE CONNECTION.
- 3300x2300 FRESH AIR INTAKE SHAFT FOR AHU-1.
- 300" GENERATOR EXHAUST C/W RAIN CAP MINIMUM 2100MM ABOVE GRADE.
- TRENCH DRAIN TO BE HEAT TRACE BY DIV16 AND INSULATE AND JACKET BY DIV15.
- SUB-SURFACE STORAGE CHAMBER FOR BLOCK II BY OTHERS. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.

NO.	DATE	DESCRIPTION	BY

REVISIONS  
CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND MUST BE RETURNED UPON COMPLETION OF THE WORK.  
DRAWINGS ARE NOT TO BE SCALED



DATE: FEB 13 2014  
PROJECT NUMBER: 1313  
DRAWING NUMBER: M-1 OF 43

PROJECT TITLE: 50 ALEXANDRA PARK BLOCK II 38 CAMERON STREET TORONTO ONTARIO

DESIGNED BY: G.S. E.P. SCALE: 1:150  
DATE: FEB 13 2014 PROJECT NUMBER: 1313 DRAWING NUMBER: M-1 OF 43