

M-1	SITE PLAN
M-2	P-2 FLOOR PLAN - SUB-SLAB DRAINAGE LAYOUT
M-3	P-2 FLOOR PLAN - MECHANICAL LAYOUT
M-4	P-1 FLOOR PLAN - HVAC LAYOUT
M-5	P-1 FLOOR PLAN - P4D LAYOUT
M-6	G/F - SOUTH HVAC DUCTWORK LAYOUT
M-7	G/F - NORTH HVAC DUCTWORK LAYOUT
M-8	G/F - SOUTH HVAC PIPING LAYOUT
M-9	G/F - NORTH HVAC PIPING LAYOUT
M-10	G/F - SOUTH P4D LAYOUT
M-11	G/F - NORTH P4D LAYOUT
M-12	2/F - SOUTH MECHANICAL LAYOUT
M-13	2/F - NORTH MECHANICAL LAYOUT
M-14	3/F - SOUTH MECHANICAL LAYOUT
M-15	3/F - NORTH MECHANICAL LAYOUT
M-16	4/F - SOUTH MECHANICAL LAYOUT
M-17	4/F - NORTH MECHANICAL LAYOUT
M-18	5/F - SOUTH MECHANICAL LAYOUT
M-19	5/F - NORTH MECHANICAL LAYOUT
M-20	6/F - SOUTH MECHANICAL LAYOUT
M-21	6/F - NORTH MECHANICAL LAYOUT
M-22	7/F - SOUTH MECHANICAL LAYOUT
M-23	7/F - NORTH MECHANICAL LAYOUT
M-24	8/F - SOUTH MECHANICAL LAYOUT
M-25	8/F - NORTH MECHANICAL LAYOUT
M-26	9/F - SOUTH MECHANICAL LAYOUT
M-27	9/F - NORTH MECHANICAL LAYOUT
M-28	10/F - MECHANICAL LAYOUT
M-29	11/F - MECHANICAL LAYOUT
M-30	12/F - MECHANICAL LAYOUT
M-31	13/F - MECHANICAL LAYOUT
M-32	14/F - MECHANICAL LAYOUT
M-33	MECHANICAL PENTHOUSE - P4D AND HVAC PIPING LAYOUT
M-34	ROOF PLAN
M-35	SYSTEM WATER RISER DIAGRAM
M-36	COW, DHW & DHWR RISER DIAGRAM
M-37	PRESSURIZATION / VENTILATION RISER DIAGRAM
M-38	SANITARY RISER DIAGRAM
M-39	SCHEMATICS
M-40	DETAILS #1
M-41	DETAILS #2
M-42	CONTROL DETAIL DRAWING
M-43	SCHEDULES

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M-43	SCHEDULES

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
	SUMPS CONNECTION
ENT. INV.	ENTERING INVERT
LVS. INV.	LEAVING INVERT

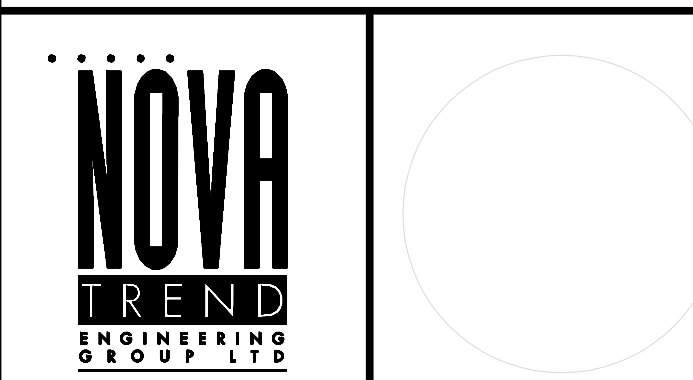
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- (1) INCOMING 150" FIRE LINE. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- (2) INCOMING 100" DOW. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- (3) 300" SAN LEAVING PIPE @ 2% AT INV. 89.00. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- (4) 1200" MANHOLE BY OTHERS. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- (3) 375" STORM LEAVING PIPE @ 2% AT INV. 91.3. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- (6) OIL/GRIIT SEPERATOR BY OTHERS. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- (1) INCOMING GAS STATION C/W 5 LB. REGULATOR AND METERS BY ENBRIDGE.
APPROX. BUILDING LOAD = 12,000 CFH
APPROX. EMERGENCY GENERATOR = 7,100 CFH
63" (5 LB) FOR BUILDING AND 32" (5 LB) FOR GENERATOR DOWN TO P-1.
PROVIDE LABEL ON EMERGENCY GENERATOR SHUT OFF VALVE: (SHUT OFF VALVE C/W LIMIT SWITCH)
"EMERGENCY GENERATOR SUPPLY - DO NOT CLOSE"
SEE "ENBRIDGE GAS METER/REGULATING STATION DETAIL" ON THIS DRAWING FOR DETAIL.
- (8) 3300X2250 (7.3 M², 78.2 FT²) FRESH AIR INTAKE SHAFT FOR PARKING GARAGE AND 3300X2300 (7.6 M², 81.1 FT²) INTAKE SHAFT FOR AHU-1.
- (9) 2250X1300 (2.93 M², 315 FT²) FRESH AIR INTAKE SHAFT FOR P-1 LEVEL C/W GRATE BY OTHERS.
- (10) 2250X1300 (2.93 M², 315 FT²) FRESH AIR INTAKE SHAFT FOR P-2 LEVEL C/W GRATE BY OTHERS.
- (11) 5200X1700 (8.84 M², 95 FT²) AIR SHAFT FOR GENERATOR INTAKE & EXHAUST C/W GRATE BY OTHERS.
- (12) 3100X2000 (6.2 M², 68 FT²) EXHAUST AIR SHAFT FOR P-1 & P-2 LEVEL C/W GRATE BY OTHERS.
- (13) EXISTING FIRE HYDRANT.
- (14) SIAMESE CONNECTION.
- (13) 3200X3800 WEATHERPROOF INTAKE LOUVRE C/W BIRDSCREEN.
- (16) 300" GENERATOR EXHAUST C/W RAIN CAP MINIMUM 200MM ABOVE GRADE.
- (11) TRENCH DRAIN TO BE HEATED TRACED BY DIV.6 AND INSULATED AND JACKETED BY DIV.15.
- (18) SUB-SURFACE STORAGE CHAMBER FOR BLOCK II BY OTHERS. SEE SITE SERVICE ENGINEER'S DRAWINGS FOR DETAILS.
- (19) CATCH BASIN AND CONNECTION PER CIVIL ENGINEER'S DRAWING.
- (20) 3740X3800 WEATHERPROOF INTAKE LOUVRE C/W BIRDSCREEN.

09/23/14	3	ISSUED FOR TENDER	EF	
07/08/14	2	RE-ISSUED FOR PERMIT	EF	
05/08/14	1	ISSUED FOR PERMIT	EF	
DATE	NO.	DESCRIPTION	EF	BY

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEERS BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS THE PROPERTY OF THE ENGINEERS AND MUST BE RETURNED UPON COMPLETION OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED



DRAWING TITLE:
SITE PLAN

DRAWN BY: G.S.	CHECKED BY: E.P.	SCALE: 1:150
DATE: FEB, 13	PROJECT NUMBER: 1313	DRAWING NUMBER: M-1 OF