

SITE INSTRUCTION NO. M-1
MECHANICAL WORK
FOR
ALEXANDRA PARK

DELTERA

NOVATREND ENGINEERING GROUP LTD.

Date: February 27, 2015

1. Reference drawing M-1 (Issued)
 - a. Leaving sanitary has been moved 4.5m south as per discussion with site services engineer and Architect.
 - b. Sub-surface storage chamber moved to match site service drawings.
2. Reference drawing M-2 (Issued)
 - a. Sump pit and sub-slab drainage pipes have been revised due to crane base location.
3. Reference drawing M-3 (Issued)
 - a. Sump pit has been moved east due to crane base location.
 - b. Floor drain has been removed due to crane base location.
 - c. Sanitary main pipe has been revised due to crane base location.
4. Reference drawing M-4 (Issued)
 - a. Added heating water pipes to manifold for radiant in-floor heating.
5. Reference drawing M-5 (Issued)
 - a. Leaving and main sanitary pipe has been moved 4.5m south as per discussion with site services engineer and Architect.
 - b. Double slab added for mechanical piping in transformer room.
6. Reference drawing M-6 (Issued)
 - a. Amenity exhaust ducts have been relocated to west side as per coordination with the Architect.
 - b. Clarified note for motorized door.
7. Reference drawing M-7 (Issued)
 - a. Clarified note for motorized door.
 - b. Added motorized door for stair F, G, and H.
 - c. Revised wall box location in suite GV10.
8. Reference drawing M-8 (Issued)
 - a. Removed coring through the beams for system water pipes as per coordination with Architect.
 - b. Revised gas for BBQ in suite GV22, 23, and 24.

9. Reference drawing M-9 (Issued)
 - a. Revised heating water connections to FFH.
10. Reference drawing M-10 (Issued)
 - a. Domestic cold and hot water added to serve janitor sink.
 - b. Revised storm piping as per coordination.
11. Reference drawing M-12 (Issued)
 - a. RWL added in suite 218.
12. Reference drawing M-13 (Issued)
 - a. Revised piping and other mechanicals in the low head room area as per coordination with the Architect.
 - b. Revised duct and pipes going through the beam in suite 202.
13. Reference drawing M-14 (Issued)
 - a. RWL added in Suite 318.
14. Reference drawing M-15 (Issued)
 - a. Rain water leader relocated from suite 302 to 310.
15. Reference drawing M-16 (Issued)
 - a. Revised RWL routing in suite 418.
16. Reference drawing M-17 (Issued)
 - a. Rain water leader relocated from suite 402 to 410.
17. Reference drawing M-18 (Issued)
 - a. RWL added in suite 519.
18. Reference drawing M-19 (Issued)
 - a. Revised storm piping in suite 502 and 510.
 - b. Domestic hot water pipe revised in suite 506 and 507.
19. Reference drawing M-21(Issued)
 - a. Rotate FCU in suite 605 and 608.
 - b. Supply duct to exterior bathroom added in suite 608.
 - c. Standard TFC fan coil revised to integrated ERV fan coil as per Provident review comments in suite 605 and 608.
20. Reference drawing M-23 (Issued)
 - a. Standard TFC fan coil revised to integrated ERV fan coil as per Provident review comments in suite 705 and 708.
21. Reference drawing M-25 (Issued)
 - a. Standard TFC fan coil revised to integrated ERV fan coil as per Provident review comments in suite 805 and 808.

22. Reference drawing M-26 (Issued)
 - a. Exhaust fan in mechanical room has been revised to a roof mounted type.
23. Reference drawing M-27 (Issued)
 - a. Standard TFC fan coil revised to integrated ERV fan coil as per Provident review comments in suite 905 and 908.
24. Reference drawing M-28 (Issued)
 - a. Fan coil unit rotated in suite 1005 and 1008.
 - b. Supply duct to bathroom added in suite 1008.
 - c. Standard TFC fan coil revised to integrated ERV fan coil as per Provident review comments in suite 1005 and 1008.
25. Reference drawing M-29 (Issued)
 - a. Standard TFC fan coil revised to integrated ERV fan coil as per Provident review comments in suite 1105 and 1108.
26. Reference drawing M-30 (Issued)
 - a. Standard TFC fan coil revised to integrated ERV fan coil as per Provident review comments in suite 1205, 1208 and 1219.
 - b. Duct sizing has been revised in suite 1219.
27. Reference drawing M-31 (Issued)
 - a. Standard TFC fan coil revised to integrated ERV fan coil as per Provident review comments in suite 1305 and 1308.
28. Reference drawing M-32 (Issued)
 - a. Domestic cold water pipe added to serve non-freeze hose bibs on roof.
29. Reference drawing M-34 (Issued)
 - a. Domestic cold water pipe added to serve non-freeze hose bibs.
 - b. Non-freeze hose bibs added.
30. Reference drawing M-35 (Issued)
 - a. Revised TFC tags to FCU.
 - b. Revised fan coil return for risers S11 and S12.
31. Reference drawing M-39 (Issued)
 - a. Added temperature sensors for heating water pipes for low zone Turbomax tanks.
 - b. Added Kamstrup sensor and EMS thermowell on system water return line in chiller loop on P-2 level.
32. Reference drawing M-43 (Issued)
 - a. Exhaust fan 38 has been changed to a roof mounted fan.