


PRELIMINARY
NOT FOR CONSTRUCTION

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- DRAWING NOTES
1. LOCATION OF WATER ENTRY; REFER TO RISER DETAIL 02/M-500.

2. GROUND FLOOR ZONE TO FEED HIGH AREA.

3. PROTECTED FROM GROUND FLOOR ZONE.

4. WATER ENTRY INTO BUILDING BY OTHER TRADE; FIRE PROTECTION WORK TO BEGIN INSIDE OF BUILDING.

MSA

5. MAIN WATER ENTRY VALVE (NORMALLY OPEN).

6. TO DOMESTIC WATER SYSTEMS.

MSA

7. DOUBLE CHECK VALVE BACKFLOW PREVENTER ASSEMBLY (VALVES NORMALLY OPEN).

8. BACKFLOW PREVENTER TEST HEADER INSTALLED THROUGH THE EXTERIOR WALL JUST ABOVE MECHANICAL ROOM FLOOR LEVEL.

9. TO FIRE DEPARTMENT CONNECTION INSTALLED IN CRAWL SPACE. PENETRATE THROUGH BEAM 2000 mm SOUTH OF GRIDLINE A; REFER TO STRUCTURAL DRAWINGS FOR EXACT LOCATION.

10. GROUND FLOOR WET SPRINKLER SYSTEM ZONE.

11. SECOND FLOOR WET SPRINKLER SYSTEM ZONE.

12. TEST & DRAIN VALVES.

MSA

13. FLOW SWITCH CONNECTED TO FIRE ALARM.

14. RISER CHECK VALVE WITH GAUGES AND MAIN DRAIN.

15. 50 mm DRAIN TO EXTERIOR OF BUILDING.

MSA

16. SPRINKLER ZONE CONTROL VALVE (NORMALLY OPEN).

MSA

17. TEST HEADER CONTROL VALVE (NORMALLY CLOSED).

18. SPRINKLER IN ELEVATOR SHAFT TO BE INTERMEDIATE TEMPERATURE WITH PROTECTIVE CAGE INSTALLED NOT MORE THAN 600 mm ABOVE ELEVATOR FLOOR.

19. INSTALL MAIN TIGHT ABOVE ACOUSTIC TILE CEILING IN CORRIDOR.

20. WITHIN THE MECHANICAL ROOMS, FINAL LOCATION OF SPRINKLERS TO BE COORDINATED WITH ALL SUB-CONTRACTORS AND GENERAL CONTRACTOR TO PREVENT OBSTRUCTIONS TO DISCHARGE FROM OTHER BUILDING SYSTEMS.

21. BRANCH LINE/MAIN IN ROOM TO BE INSTALLED TIGHT TO UNDERSIDE OF WOOD BEAMS.

22. TYP: BRANCH LINE PIPING SHALL PASS THROUGH WALL BELOW WOOD BEAM AND RISE TO CEILING TIGHT AGAINST THE WALL AT INTERIOR OF ROOM.

23. TYP: FOR OPEN CEILINGS, PENDENT SPRINKLERS SHALL BE INSTALLED TIGHT TO THE EDGES OF THE BEAMS WITH THE DEFLECTOR INSTALLED 25 mm BELOW THE UNDERSIDE OF THE BEAM.

24. TEST HEADER FOR BACKFLOW PREVENTER TO BE INSTALLED 1475 mm ABOVE GRADE; PIPING TO BE INSTALLED THROUGH CRAWL SPACE. SEAL PENETRATION IN EXTERIOR WALL WITH WEATHER-PROOF ASSEMBLY AND PROVIDE WITH CHROME PLATE IDENTIFYING "TEST-HEADER."

25. FIRE DEPARTMENT CONNECTION TO BE INSTALLED 975 mm ABOVE GRADE; PIPING TO BE INSTALLED THROUGH CRAWL SPACE. SEAL PENETRATION IN EXTERIOR WALL WITH WEATHER-PROOF ASSEMBLY AND PROVIDE WITH CHROME PLATE IDENTIFYING "AUTO-SPRINKLER". COORDINATE EXACT LOCATION OF CONNECTION WITH PENETRATION SPECIFIED ON STRUCTURAL DRAWINGS.

26. 100 mm TEE FITTING TO DIVIDE TEST HEADER AND FIRE DEPARTMENT CONNECTION.

27. RISER UP FOR SECOND FLOOR SPRINKLER SYSTEM.

28. SPRINKLER BELOW LOWEST STAIR LANDING.

29. SPRINKLER TO BE INSTALLED BELOW DUCTWORK TIGHT ABOVE ACOUSTIC TILE CEILING.

30. 25 mm PIPE DOWN IN WALL CAVITY FOR SPRINKLER AT BOTTOM OF ELEVATOR SHAFT.

31. K-RATED FIRE EXTINGUISHER IN KITCHEN.

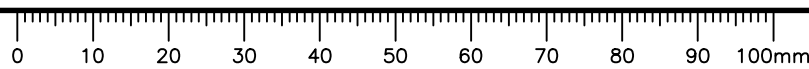
32. DRY CHEMICAL, MULTI-PURPOSE FIRE EXTINGUISHER IN CABINET; MINIMUM RATING 3A:40B:C

01 FIRE PROTECTION SUPERVISED BY FIRE ALARM SYSTEM
E500 SCALE: NONE

CRAWL SPACE
SCALE: 1:75

GROUND FLOOR
SCALE: 1:75

PWGSC - A1 - 841X594



E500 - Fire alarm - Crawl space & ground floor.dwg