



1ST FLOOR PLAN - FIRE PROTECTION
SCALE: 1:100

SPRINKLER NOTE:

PROVIDE ALL SPRINKLER SYSTEM(S) MODIFICATIONS AS REQUIRED TO SUIT NFPA 13 FOR ALL AREAS INCLUDED IN PROJECT SCOPE OF WORK AS DEFINED ON ARCHITECTURAL DRAWINGS INCLUDING BUT NOT LIMITED TO DEMOLITION, NEW WALLS, NEW CEILINGS, BELOW DUCTWORK OR OTHER OBSTRUCTIONS, ETC. WORK SHALL INCLUDE REPAIRING ALL EXISTING DEFICIENCIES WITHIN SCOPE OF WORK AS DEFINED ON ARCHITECTURAL DRAWINGS.

ALL DEFICIENCIES NOTICED OUTSIDE SCOPE OF WORK SHALL BE BROUGHT TO THE ATTENTION OF THE MECHANICAL ENGINEER.

PROVIDE FIRE STOPPING AT ALL PIPE PENETRATIONS THROUGH FIRE SEPARATIONS & FLOOR PENETRATIONS. REFER TO ARCHITECTURAL FOR LOCATIONS OF FIRE SEPARATIONS.

GENERAL NOTES:

- MODIFY EXISTING SPRINKLER HEADS & BRANCH LINES TO ACCOMMODATE NEW FLOOR PLAN & CEILING PLAN AND PROVIDE COVERAGE AS PER NFPA#13 REQUIREMENTS. REFER TO ARCHITECTURAL FLOOR PLAN & CEILING PLAN. MODIFY EXISTING SPRINKLER HEADS & BRANCH LINES TO ACCOMMODATE ALL DEMOLITION OF WALLS, DROP CEILINGS, BULKHEADS, ETC. AS PER NFPA#13 REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS.
- FIRE SPRINKLER SYSTEM SHALL CONFORM TO THE FEDERAL FIRE PROTECTION STANDARD; FC 403 STANDARD FOR SPRINKLER SYSTEMS.
- FIRE PROTECTION IN THE MOBILE SHELVING AREA SHALL CONFORM TO THE FEDERAL FIRE PROTECTION STANDARD; MOBILE SHELVING - FIRE PROTECTION DESIGN REQUIREMENTS.
- FIRE PROTECTION IN FILING OR RECORD STORAGE AREA SHALL CONFORM TO THE FEDERAL FIRE PROTECTION STANDARD; FC-311 STANDARD FOR RECORD STORAGE.
- FIRE PROTECTION IN EQUIPMENT ROOM & EMERGENCY CONTROL CENTRE SHALL CONFORM TO FEDERAL FIRE PROTECTION STANDARD; FIRE PROTECTION OF I.T. FACILITIES AND EQUIPMENT.

DRAWING NOTES:

- APPROXIMATE LOCATION OF EXISTING FIRE SPRINKLER HEAD TO REMAIN. CONFIRM ALL LOCATIONS ON SITE AND ENSURE LOCATIONS MEET NFPA 13 SPACING REQUIREMENTS. (TYPICAL).
- APPROXIMATE LOCATION OF EXISTING FIRE SPRINKLER HEAD TO BE RELOCATED. CONFIRM ALL LOCATIONS ON SITE AND ENSURE LOCATIONS MEET NFPA 13 SPACING REQUIREMENTS. (TYPICAL).
- APPROXIMATE LOCATION OF NEW FIRE SPRINKLER HEAD. CONFIRM ALL LOCATIONS ON SITE AND ENSURE LOCATIONS MEET NFPA 13 SPACING REQUIREMENTS. (TYPICAL).
- APPROXIMATE LOCATION OF EXISTING FIRE HOSE CABINET TO REMAIN.
- APPROXIMATE LOCATION OF EXISTING FIRE EXTINGUISHER. RELOCATED AS DIRECTED ON ARCHITECTURAL DRAWINGS. (TYPICAL).
- DEMOLISH ALL EXISTING FIRE SPRINKLER HEADS AND WET PIPE FIRE SPRINKLER SYSTEM MAINS & LINES ABOVE THIS AREA. CAP LINES OUTSIDE OF ROOM. RE-PIPE LINES & MAINS AROUND ROOM AS REQUIRED TO RETURN SYSTEM TO PREVIOUS OPERATING CONDITION.
- PROVIDE ONE NEW DOUBLE INTERLOCK PRE-ACTION SYSTEM TO SERVE BOTH THE 'EMERGENCY CONTROL CENTRE' AND THE 'EQUIPMENT' ROOMS. NEW DOUBLE INTERLOCK PRE-ACTION VALVE TO BE LOCATED IN BASEMENT NEXT TO EXISTING SPRINKLER HEADER. SPRINKLER HEADS TO BE SPACED PER NFPA 13. COORDINATE WITH ELECTRICAL TRADE.
- ARCHITECT TO PROVIDE MIN. 18" CLEARANCE ABOVE TOP OF ROLLING FILE STORAGE TO SPRINKLER DEFLECTOR (19" TO CEILING).

CONSULTANT

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DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
0	ISSUED FOR TENDER/CONSTRUCTION	26/11/13
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SO
Client/Client
PWGSC
Drawing Title/Titre du dessin

**MECHANICAL
MAIN FLOOR PLAN
FIRE PROTECTION**

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R.056754.002
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M5-01
Revision no. /
La Révision
no.
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