

FIRE PROTECTION - MAIN FLOOR PLAN

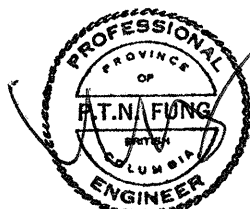
SCALE: 1 : 100

SPECIFIC NOTES

- SIAMESE CONNECTION PROVIDE CHECK VALVE C/W AUTOBALL DRIP TO OUTSIDE. PROVIDE ACCESS DOOR TO CHECK VALVE.
- SPRINKLER LINE UP TO THE ATTIC
- SPRINKLER LINE UP TO UPPER FLOOR
- SPRINKLER DOUBLE CHECK VALVE ASSEMBLY C/W WET SPRINKLER ALARM VALVE.
- EXTEND COVERAGE DRY SPRINKLER SIDEWALL HEAD
- PROVIDE SPRINKLER HEAD PROTECTOSPRAY NOZZLE (7.5MM ORIFICE, 163°C TEMP. RATING, 160° ANGLE DISCHARGE) FOR PROTECTION OF RANGE HOOD. ACTIVATION OF SPRINKLER TO SHUT-OFF POWER SUPPLY TO RANGE.
- SPRINKLER HEAD IN THE ENCLOSED SPACE UNDER THE STAIR.
- DROP SPRINKLER PIPE TO APPROX. 1500MM AFF C/W A ZONE VALVE ASSEMBLY (SUPERVISED VALVE, CHECK VALVE, FLOW SWITCH) FOR KITCHEN RANGE HOODS.

GENERAL NOTES

- SPRINKLERS AS SHOWN ON FLOOR PLAN ARE FOR REFERENCE ONLY. SPRINKLER CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SHOWING COMPLETE SPRINKLER LAYOUT TO SUIT CEILING LAYOUT, SPRINKLER BRANCHES & PIPE SIZE, SPRINKLER DRAIN PIPE, SPRINKLER TYPE C/W SCHEDULE C & HYDRAULIC CALCULATION SIGNED & SEALED BY PROFESSIONAL ENGINEER REGISTERED IN PROVINCE OF B.C.
- ALL SPRINKLER SHOP DRAWINGS SHALL BE REVIEWED BY FIRE COMMISSIONER. CONTRACTOR SHALL INCLUDE ALL COMMENTS TO FINALIZE SPRINKLER DRAWINGS AT NO EXTRA COST TO THE DEPARTMENTAL REPRESENTATIVE. TENDER DRAWINGS ARE INTENDED TO BE IN SCHEMATIC FORMAT ONLY.
- PROVIDE FIELD ADJUSTMENT AS REQUIRED TO ACCOMMODATE LIGHTING AND HIDDEN OBSTRUCTIONS. PROVIDE ADDITIONAL SPRINKLER AS REQUIRED IF BLIND SPACES AND CEILING DROPS HAVE BEEN NOTED.
- ALL SPRINKLER WORK SHALL BE TO THE STANDARDS OF LATEST NFPA 13, LATEST NFC, THE STANDARD OF FIRE COMMISSIONER OF CANADA FC 403, "STANDARD FOR SPRINKLER SYSTEMS".
- THE INTEND OF THIS CONTRACT IS TO FULLY SPRINKLER THE ENTIRE BUILDING INCLUDING ALL CONCEALED SPACES AS REQUIRED BY CODES.
- PROVIDE FIRE CAULKING TO ALL PIPES AT WALL/CEILING PENETRATIONS REQUIRING FIRE SEPARATION OR FIRE RATING TO MEET THE CODE.
- CONTACTOR TO PROVIDE FIRE EXTINGUISHERS AS SHOWN ON FLOOR PLAN AND ADDITIONAL COVERAGE TO NFPA 10 FOR ENTIRE BUILDING. ALL FIRE EXTINGUISHER TYPES & LOCATIONS TO BE INCLUDED IN THE SPRINKLER SHOP DRAWINGS. COORDINATE WITH ARCHITECT FOR EXACT LOCATIONS OF FIRE EXTINGUISHER CABINETS.
- COORDINATE WITH ARCHITECTURAL CEILING PLAN LIGHTING LAYOUT, HVAC DIFFUSER/GRILLE LAYOUT FOR THE LOCATION OF SPRINKLER HEADS PRIOR TO SPRINKLER SHOP DRAWING SUBMISSION.



7	ISSUED FOR TENDER	OCT 31 2012
6	ISSUED FOR TENDER READY - SUBMISSION	SEPT 13 2012
5	ISSUED FOR COORDINATION	SEPT 4 2012
4	ISSUED FOR 90% REVIEW	JULY 24 2012
3	COORDINATION PROGRESS SET	MAY 23 2012
2	ISSUED FOR 50% REVIEW	MAR. 30 2012
1	ISSUED FOR COORDINATION	MAR. 23 2012

Revision/	Description/Description	Date/Date
Revision		

Client/client

CORRECTIONAL
SERVICE OF
CANADA

Project title/Titre du projet

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ACE

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Drawing title/Titre du dessin

MECHANICAL

FLOOR PLAN - MAIN LEVEL
FIRE PROTECTION

Project No./No. du projet

R.052462.001

Sheet/ Feuille

M5

Revision no./

La

Révision

no.