

APPROX. NORTH

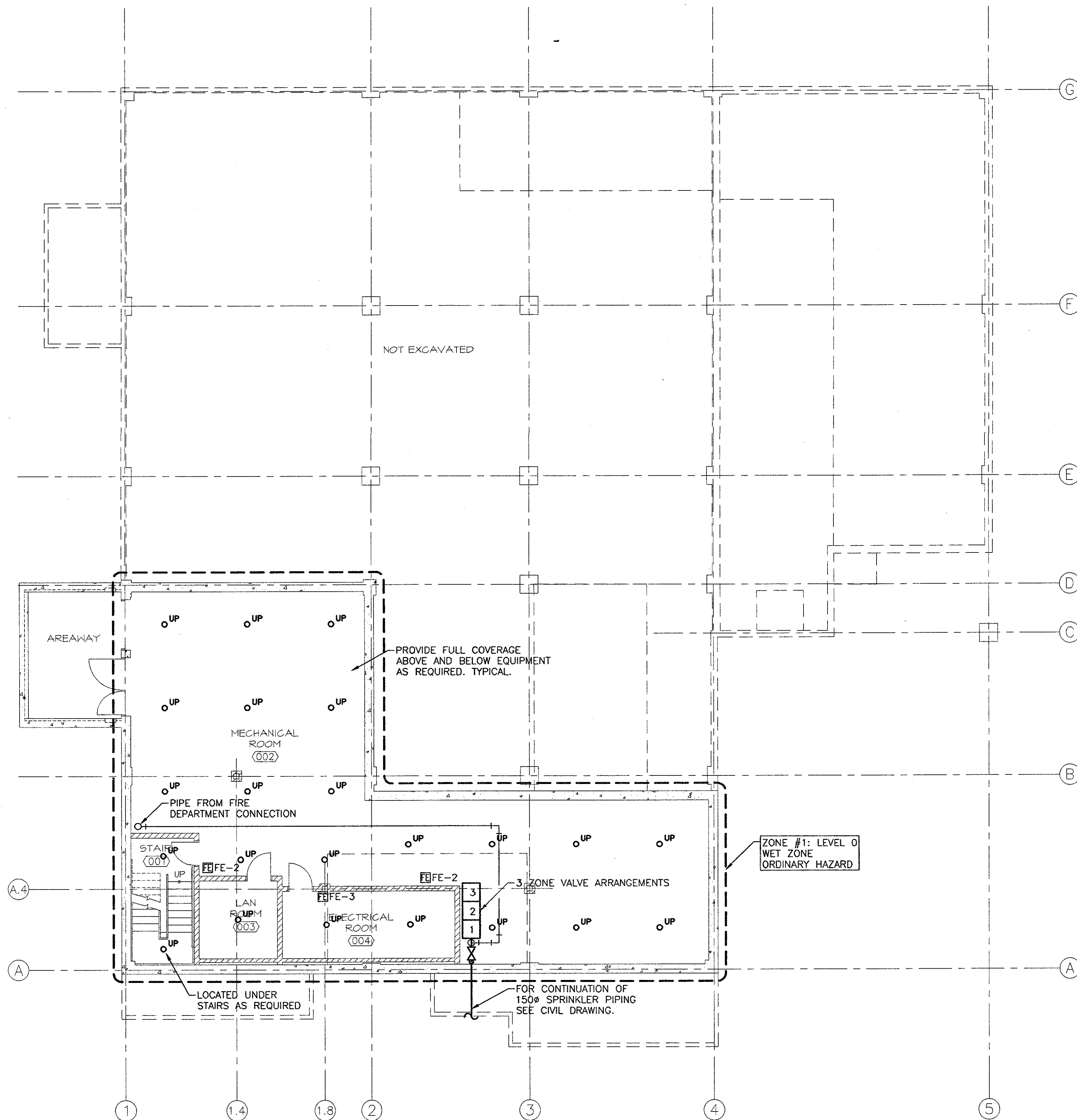


LEGEND:

- SPRINKLER PIPE
- FE-# FIRE EXTINGUISHER
c/w WALL BRACKET
- ZONE ## SPRINKLER ZONE
- PENDENT SPRINKLER
- UP UPRIGHT SPRINKLER

NOTE:

1. THE FIRE PROTECTION SYSTEM SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR. THE FIRE SPRINKLER DRAWINGS INCLUDED IN THIS SET OF CONTRACT DOCUMENTS ARE TO ASSIST IN PRICING AND FOR INFORMATION ONLY. THE SPRINKLER CONTRACTOR SHALL PROVIDE A FULL SET OF LAYOUTS SHOWING ALL PIPE SIZES, CONTROL ZONES, SPRINKLER ZONES AND REQUIRED SPRINKLER HEADS, c/w HYDRAULIC CALCULATIONS AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN NOVA SCOTIA. REFER TO THE MECHANICAL AND ARCHITECTURAL PLANS FOR INFORMATION AFFECTING THE SPRINKLER SYSTEM AND SPRINKLER HEAD LAYOUT.
2. THE SPRINKLER CONTRACTOR WILL BE RESPONSIBLE FOR ALL ASPECTS OF THE DESIGN, PROCUREMENT AND INSTALLATION OF THE SPRINKLER SYSTEM. SPRINKLER MAINS INDICATED ARE SUGGESTED LOCATION. FINAL EXACT LOCATIONS OF MAINS AND BRANCH PIPING SHALL BE DETERMINED BY CONTRACTOR AND COORDINATED WITH OTHER TRADES PRIOR TO ISSUE OF SHOP DRAWINGS.
3. SPRINKLER SYSTEM DESIGN AND INSTALLATION SHALL CONFORM TO THE VERSION OF NFPA 13 AS REFERENCED IN THE CURRENT PROVINCIAL RECOGNIZED EDITION OF THE NBC AND NFC.
4. ALL SPRINKLER PIPES TO BE KEPT AS HIGH AS POSSIBLE AND COORDINATED WITH ALL OTHER TRADES. PROVIDE PIPE OFFSETS AS REQUIRED TO LOCATE SPRINKLER PIPING AND HEADS AS REQUIRED.
5. ALL HEADS TO BE LOCATED IN CENTER OF CEILING TILES. COORDINATE HEAD LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
6. REFLECTED CEILING PLANS MAY INDICATE THE PREFERRED LOCATIONS OF THE SPRINKLER HEADS. CONTRACTOR TO ENSURE THAT THE PLACEMENT OF THE SPRINKLER HEADS MEET ALL CODE REQUIREMENTS, ARE COORDINATED WITH OTHER ITEMS AND THE ARCHITECTURAL DESIGN INTENT.
7. USE SEMI RECESSED HEADS IN ALL AREAS WITH CEILINGS.
8. MAINS AND BRANCH LINES TO BREAK AROUND BEAMS.
9. ALL PIPE SHALL BE CONCEALED EXCEPT IN AREAS WITHOUT FINISHED CEILINGS.
10. TEMPERATURE RATING OF SPRINKLER HEADS IN MECHANICAL SPACES, ELECTRICAL ROOMS, ETC. TO BE 212° F.
11. ALL LOW POINT DRAINS AND ZONE VALVE DRAINS TO BE PIPED TO BUILDING DRAINS, 2" MAIN DRAIN AND DRY PIPE INSPECTORS TEST TO BE PIPED TO OUTSIDE OF BUILDING. PIPING OF DRAINS SHALL BE THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR.
12. PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY NFPA 10.
13. ALL REQUIRED SWITCHES, MONITORED VALVES AND OTHER ANCILLARIES TO BE PROVIDED AND INSTALLED BY THIS CONTRACTOR. COORDINATE WITH THE FIRE ALARM CONTRACTOR.
14. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROVISION OF ALL NECESSARY WIRING.



FIRE EXTINGUISHER SCHEDULE

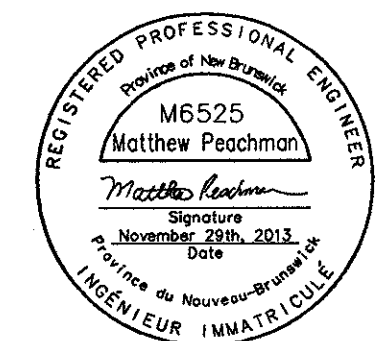
| TAG | TYPE | ENCLOSURE |
|------|---|---|
| FE-1 | RECHARGEABLE TYPE WITH HOSE AND SHUT-OFF NOZZLE, ULC LABELLED FOR A, B, AND C CLASS PROTECTION. RATING: 4.5KG (4-A, 60-B,C). RED PAINT FINISH, SQUEEZE GRIP OPERATOR, PULL PIN SAFETY LOCK. | SEMI-RECESSED CABINET SUITABLE FOR BLOCK WALL |
| FE-2 | RECHARGEABLE TYPE WITH HOSE AND SHUT-OFF NOZZLE, ULC LABELLED FOR A, B, AND C CLASS PROTECTION. RATING: 4.5KG (4-A, 60-B,C). RED PAINT FINISH, SQUEEZE GRIP OPERATOR, PULL PIN SAFETY LOCK. | SURFACE MOUNTED CABINET |
| FE-3 | RECHARGEABLE TYPE WITH HOSE AND SHUT-OFF NOZZLE, ULC LABELLED FOR B, AND C CLASS PROTECTION. RATING: 4.5KG (10-B,C). RED PAINT FINISH, SQUEEZE GRIP OPERATOR, PULL PIN SAFETY LOCK. | SURFACE MOUNTED CABINET |

BASEMENT PLAN

SCALE: 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

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M3.1



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| 0 | ISSUED FOR TENDER | NOV. 29, 2013 |
| revisions | | date |

project

NEW FOOD SERVICES BUILDING
WESTMORLAND INSTITUTION

DORCHESTER, NB

drawing

MECHANICAL FIRE PROTECTION BASEMENT PLAN

designed MCP

date Aug. 3, 2013

drown PSA

date Aug. 3, 2013

approved MCP

date Nov. 29, 2013

Signature of Matthew Peachman

Project Manager

project number

R.061828.001

drawing no.

M3.1