

















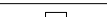

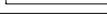



Parks Canada Agency

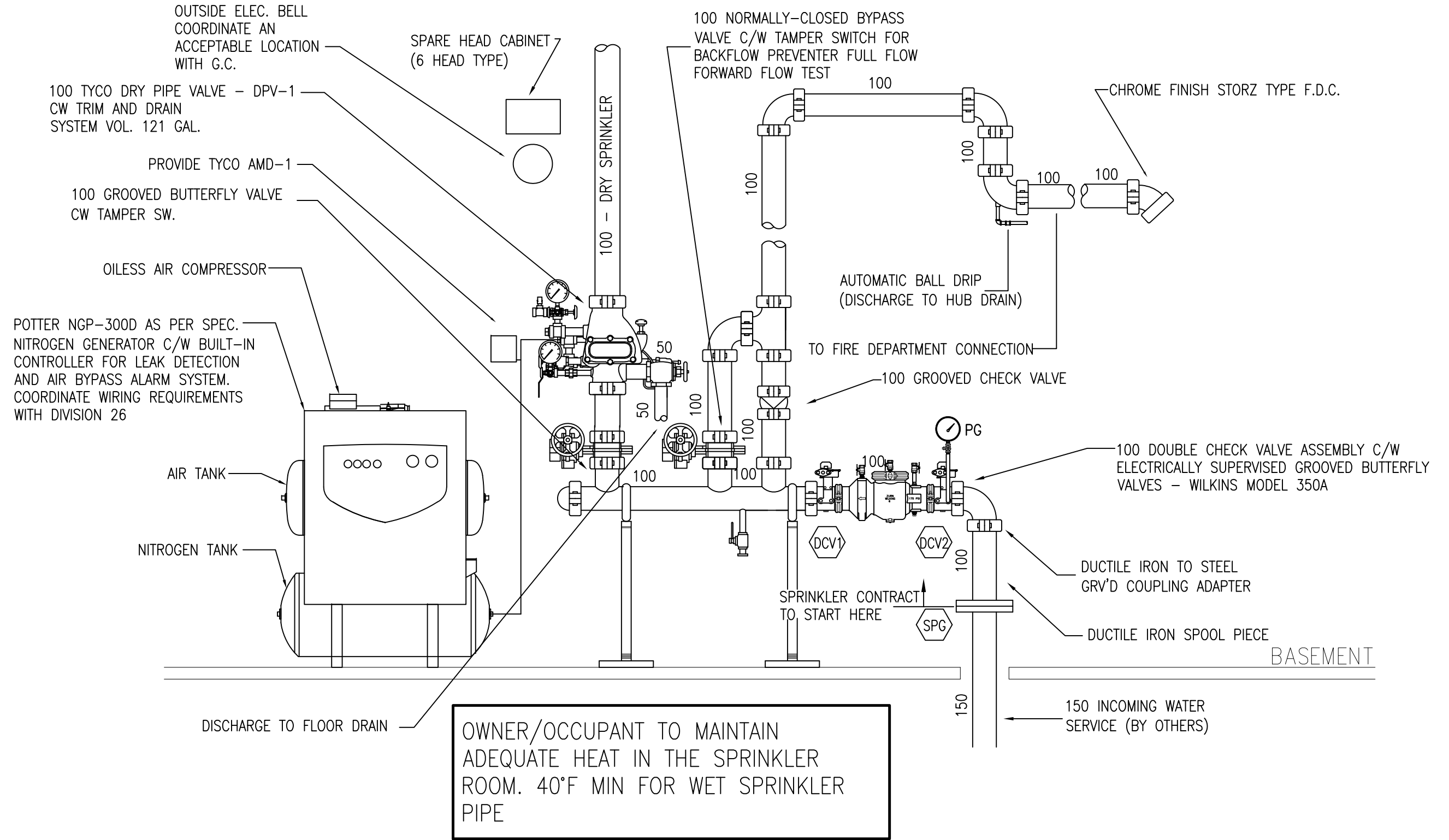
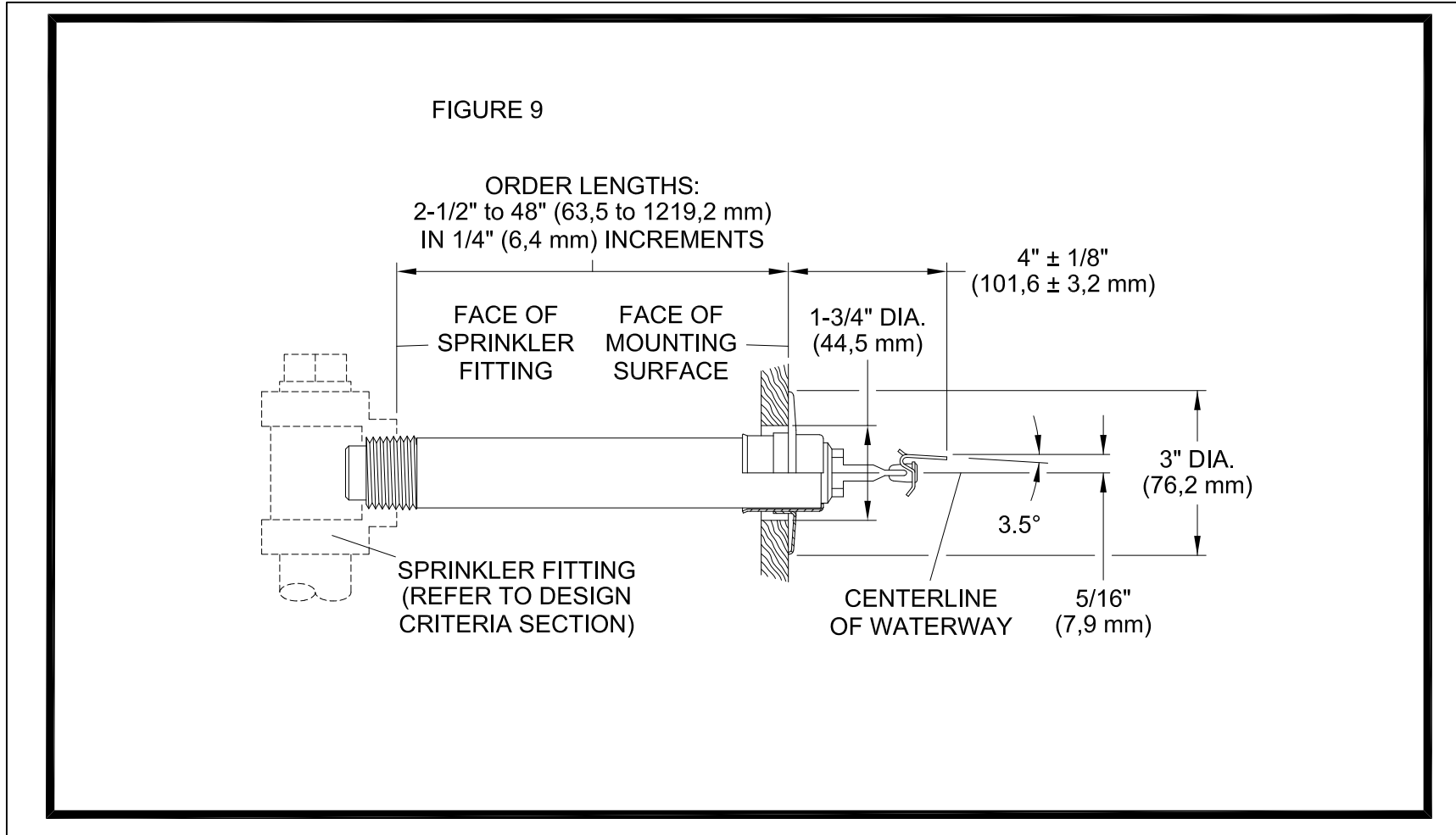
Annex B: Equipment Locations

Automatic Sprinkler Systems, Fire Hydrants and Standpipe and Hose
Cabinets

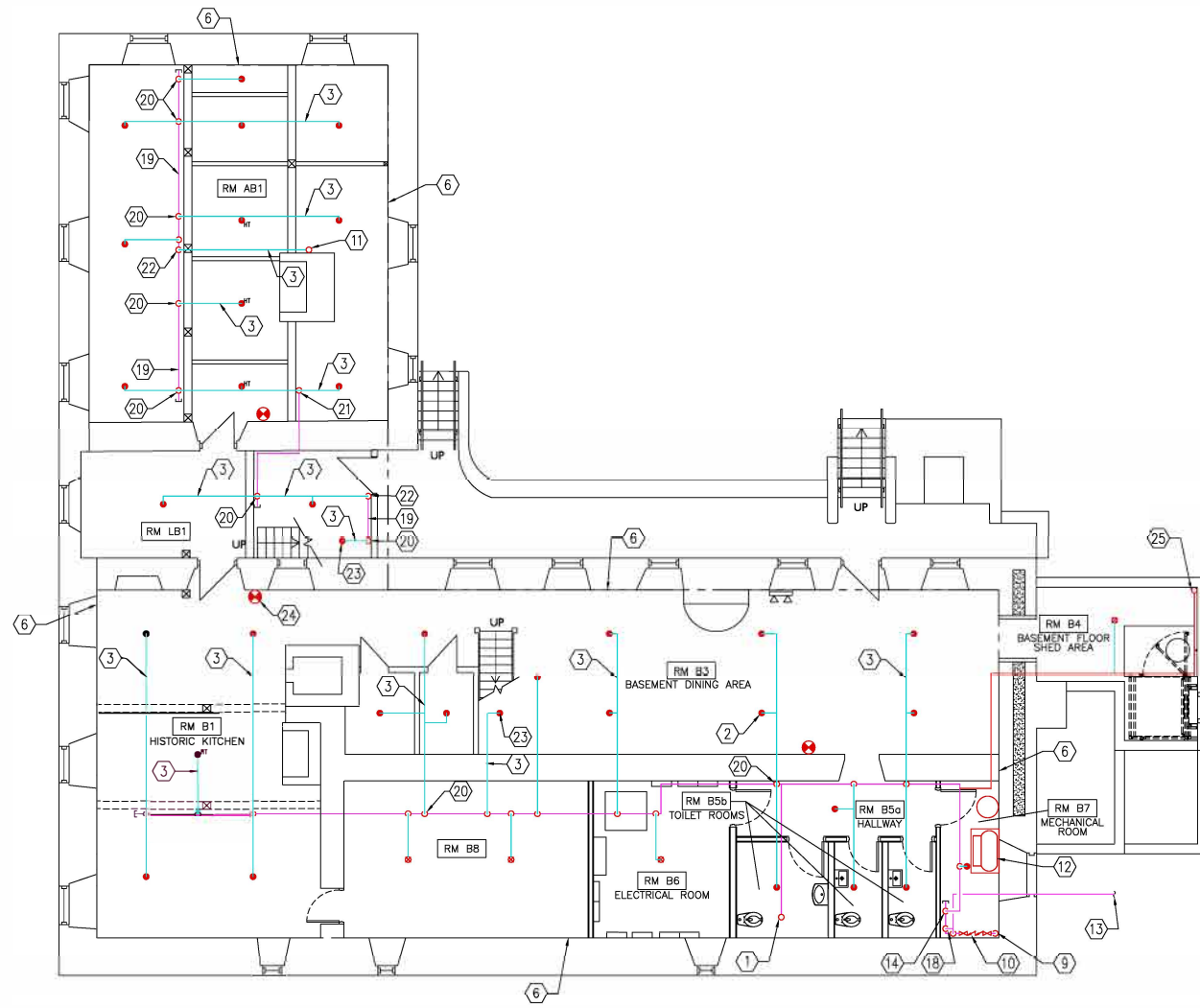
Annex B: Automatic Sprinkler System Legend

| SYMBOL LEGEND | |
|--|--|
|  | CONCEALED SPRINKLER HEAD |
| HT  | CONCEALED HIGH TEMP. SPRINKLER HEAD |
|  | PENDENT SPRINKLER HEAD |
|  | PENDENT SPRINKLER HEAD WITH GUARD |
|  | ATTIC UPRIGHT TYPE SPRINKLER HEAD |
|  | SINGLE DIRECTIONAL TYPE ATTIC SPRINKLER HEAD |
|  | BACK TO BACK TYPE ATTIC SPRINKLER HEAD |
|  | HORIZONTAL SIDEWALL TYPE SPRINKLER HEAD |
|  | MOTORIZED DAMPER |
| —EX.SAN— | EXISTING SANITARY LINE |
| —SAN— | SANITARY LINE |
| —DCW— | DOMESTIC COLD WATER |
| —DHW— | DOMESTIC HOT WATER |
| -----V----- | SANITARY VENT |
| ---WM--- | WATER MAIN |
| -----WWS----- | WASTE WATER SEWAGE |
| -----SPR----- | SPRINKLER PIPE IN CEILING SPACE |
| —SPR— | EXPOSED SPRINKLER PIPE |
| ⊥ FDC | FIRE DEPARTMENT CONNECTION |
| ○----- | PIPE UP |
| ○----- | PIPE DOWN |
|  | BACKFLOW PREVENTER |
|  | FLOOR DRAIN |
|  | HUB DRAIN |
|  | ISOLATION VALVE C/W SUPERVISORY SWITCH |
|  | WATER METER |
|  | GATE VALVE |
|  | HRV CONTROL |
|  | THERMOSTAT |
|  | MOTORIZED DAMPER |
|  | RP-1 260W |
|  | RP-2 230W |
|  | RP-3 35W |
|  | RP-4 195W |

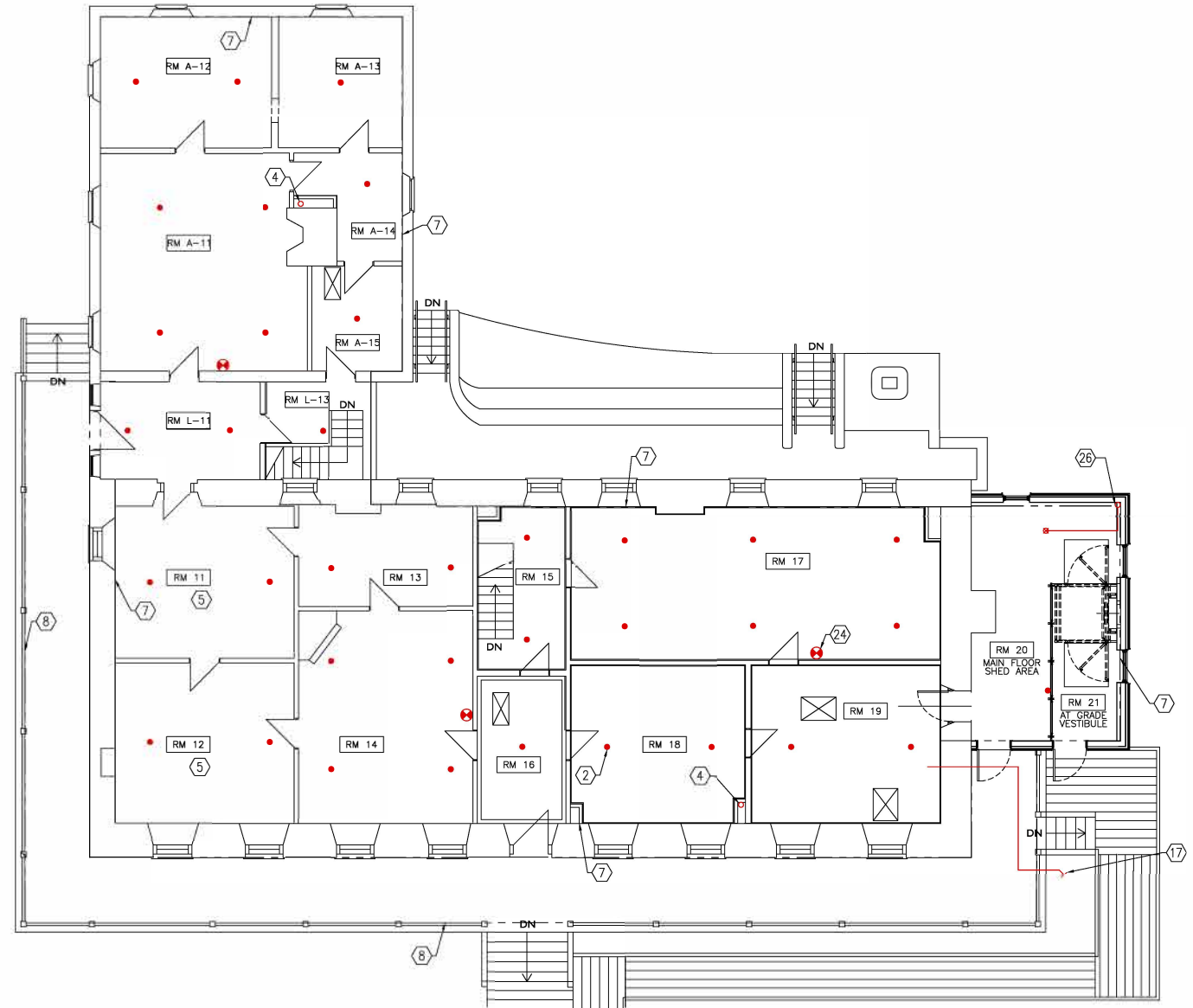
Annex B: Automatic Sprinkler System Dry Pipe Schematic



Annex B: Automatic Sprinkler System Locations - Big House



1 BASEMENT NEW FIRE PROTECTION LAYOUT
M6.1 1:100



2 MAIN LEVEL NEW FIRE PROTECTION LAYOUT
M6.1 1:100

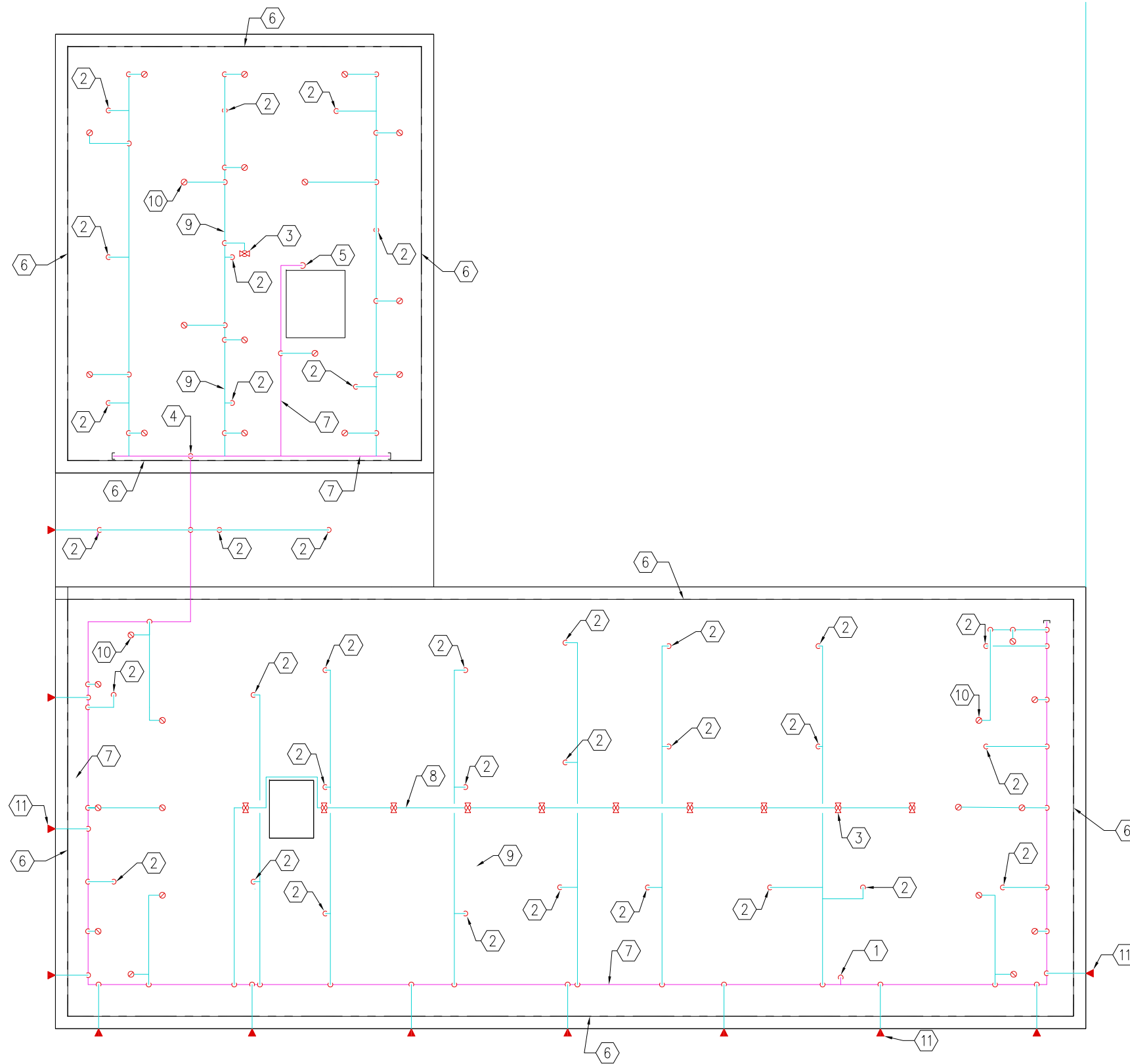
GENERAL NOTES:

- DO NOT SCALE THIS DRAWING, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
- CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
- SPRINKLER LAYOUT SHALL BE USED FOR PRICING ONLY. PIPING MATERIALS AND APPEARANCE SHALL BE APPROVED BY PARKS CANADA. FINAL PIPING AND LAYOUT SHALL BE CONFIRMED WITH PARKS CANADA.
- COORDINATE SPRINKLER LOCATION WITH OTHER DISCIPLINE.
- PROVIDE SPRINKLER PROTECTION ALL THROUGH OUT THE BUILDING AS PER LATEST EDITION OF NFPA 13 AND THE AUTHORITIES HAVING JURISDICTION.
- NEW OPENINGS IN STONE MUST BE DONE W/ HAND TOOLS ONLY. REFER TO SECTION 04 03 43 - HISTORIC STONE REMOVAL. ALTERNATIVE METHODS MUST BE APPROVED BY DEPARTMENTAL REPRESENTATIVE.

DRAWING KEYNOTES:

- | | | |
|--|---|--|
| <ol style="list-style-type: none"> DRY SPRINKLER PIPE UP TO MAIN FLOOR. CONCEALED SPRINKLER HEAD, TYPICAL. CONTRACTOR TO CONFIRM COVER PLATE COLOR WITH ARCHITECT PRIOR TO INSTALLATION. DRY SPRINKLER PIPE IN JOIST SPACE, TYPICAL. DRY SPRINKLER PIPE UP FROM BASEMENT AND UP TO ATTIC SPACE. COORDINATE LOCATION OF SPRINKLER HEAD WITH EXISTING RADIANT PANELS INSTALLED IN THESE ROOMS. BASEMENT FLOOR DRY PIPE SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION. MAIN FLOOR DRY PIPE SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION. REFER TO ATTIC SPACE FOR SPRINKLER PIPING OF THIS ZONE. MAIN FLOOR OVERHANG DRY SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION. REFER TO DRAWING 1/M6.2 FOR SPRINKLER HEADS AND PIPE ROUTING. SINGLE PIPE PENETRATION IS ACCEPTABLE. RUN PIPE ALONG VERANDA AND COORDINATE PIPE PENETRATION WITH ARCHITECT. COORDINATE FINISH/PAINT OF EXPOSED PIPES WITH OWNER. NEW INCOMING 200mmØ COMBINED DOMESTIC/FIRE PROTECTION WATER SERVICE UP FROM BELOW C/W FROST BOX. REFER TO PLUMBING DRAWINGS FOR CONTINUATION. NEW 150mmØ DOUBLE CHECK VALVE BACKFLOW PREVENTER. PIPE DRAIN INDIRECTLY TO FUNNEL FLOOR DRAIN PROVIDED BY PLUMBING DIVISION. DRY PIPE SPRINKLER MAIN DOWN FROM ATTIC. PROVIDE LOW POINT DRAIN. | <ol style="list-style-type: none"> NEW SKID-MOUNTED NITROGEN GENERATOR INTEGRATED WITH OIL-LESS AIR COMPRESSOR C/W AIR TANK, NITROGEN TANK, VALVE AND APPURTENANCES. PIPE TO DRY PIPE SPRINKLER SYSTEM ZONE WITH AIR MAINTENANCE DEVICE. PROVIDE 50mm THICK HOUSEKEEPING CONCRETE PAD. COORDINATE WIRING REQUIREMENT WITH DIVISION 26. NEW 100mmØ PIPE C/W CHECK VALVE FROM HEADER TAKE-OFF TO FIRE DEPARTMENT STORZ CONNECTION. PIPE TO RUN UNDERSIDE OF THE DECK. CONTRACTOR TO COORDINATE PIPE ROUTING AND PROVIDE ADJUSTABLE PIPE SADDLE BOLTED ON 50mm THICK CONCRETE PAD FOR SUPPORT AS REQUIRED ON SITE. NEW DRY PIPE VALVE C/W TRIM AND CONTROL VALVE WITH TAMPER SWITCH TO SERVE BIG HOUSE DRY PIPE SPRINKLER SYSTEM ZONE. DIVISION 26 TO PROVIDE WIRING FOR ALARM PRESSURE SWITCHES AND AIR SUPERVISORY SWITCH. NOT USED. NOT USED. FIRE DEPARTMENT STORZ CONNECTION. CONTRACTOR TO COORDINATE PIPE ROUTING FROM THE BASEMENT. PROVIDE NORMALLY CLOSED VALVE AND CONNECT TO FIRE DEPARTMENT CONNECTION LINE UPSTREAM OF THE CHECK VALVE FOR FULL FORWARD FLOW TEST OF BACKFLOW PREVENTER. RUN DRY SPRINKLER MAIN TO UNDERSIDE OF THE CEILING SPACE AND ALONG THE EXPOSED BEAM, TYPICAL. DRY SPRINKLER PIPE NIPPLE OFFSET UP TO JOIST SPACE, TYPICAL. DRY SPRINKLER PIPE NIPPLE OFFSET DOWN TO UNDERSIDE OF THE CEILING SPACE. | <ol style="list-style-type: none"> DRY SPRINKLER MAIN OFFSET DOWN TO EXPOSED BEAM LEVEL. SPRINKLER HEAD BELOW STAIR. COORDINATE PIPE ROUTING ON SITE. NEW 10 LBS. ABC TYPE FIRE EXTINGUISHER, TYPICAL. COORDINATE TYPE OF INSTALLATION WITH ARCHITECTURAL. UP TO MAIN FLOOR FROM BASEMENT |
|--|---|--|

Annex B: Automatic Sprinkler System Locations - Big House



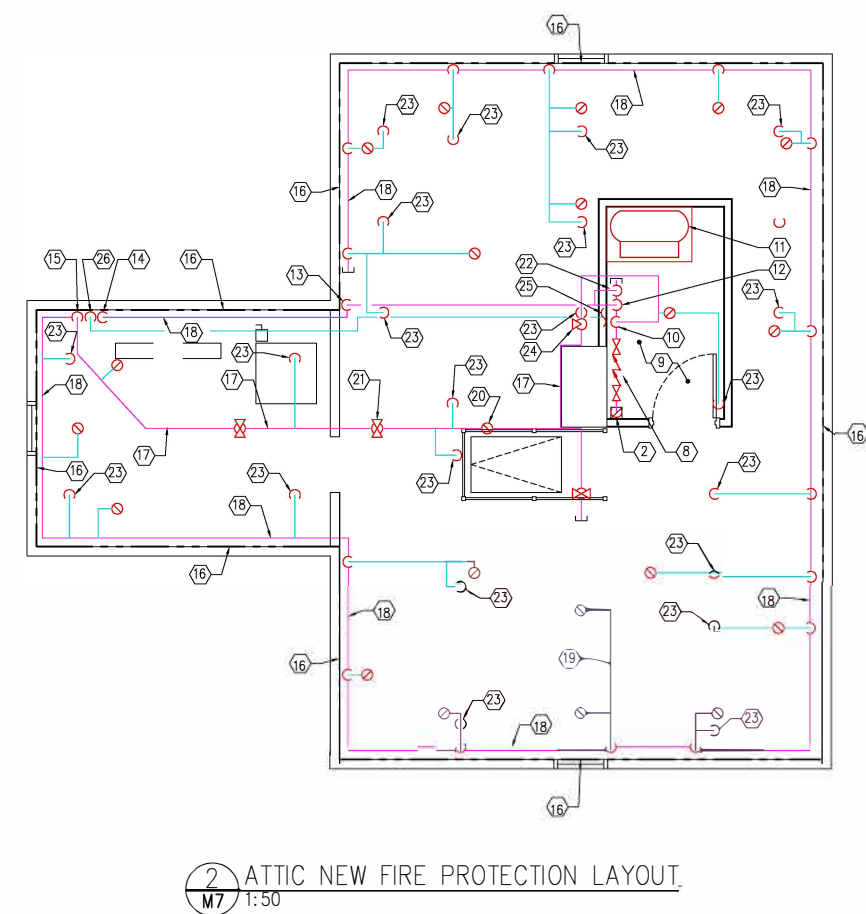
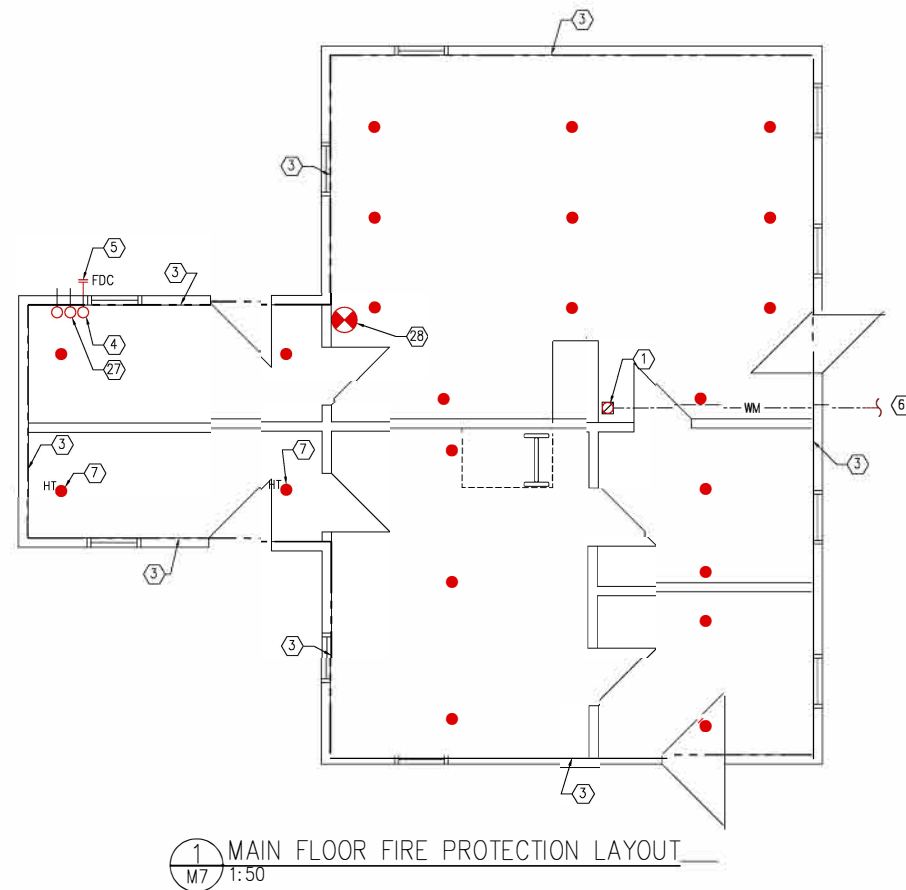
GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
2. CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
3. SPRINKLER LAYOUT SHALL BE USED FOR PRICING ONLY. PIPING MATERIALS AND APPEARANCE SHALL BE APPROVED BY PARKS CANADA. FINAL PIPING AND LAYOUT SHALL BE CONFIRMED WITH PARKS CANADA.
4. COORDINATE SPRINKLER LOCATION WITH OTHER DISCIPLINE.
5. PROVIDE SPRINKLER PROTECTION ALL THROUGH OUT THE BUILDING AS PER LATEST EDITION OF NFPA 13 AND THE AUTHORITIES HAVING JURISDICTION.
6. NEW OPENINGS IN STONE MUST BE DONE W/ HAND TOOLS ONLY. REFER TO SECTION 04 03 43 - HISTORIC STONE REMOVAL. ALTERNATIVE METHODS MUST BE APPROVED BY DEPARTMENTAL REPRESENTATIVE.

DRAWING KEYNOTES:

- ① DRY SPRINKLER MAIN PIPE UP FROM MAIN FLOOR.
- ② TO SPRINKLER HEAD IN MAIN FLOOR. SPRINKLER BRANCHLINE TO RUN AT EAVE LEVEL, TYPICAL.
- ③ BACK TO BACK TYPE ATTIC SPRINKLER HEAD. DEFLECTOR TO BE 150mm BELOW RIDGE, TYPICAL.
- ④ DRY SPRINKLER MAIN PIPE DOWN TO MAIN FLOOR.
- ⑤ DRY SPRINKLER MAIN PIPE DOWN TO BASEMENT.
- ⑥ ATTIC SPACE DRY PIPE SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION. REFER TO ATTIC SPRINKLER PIPING SCHEMATIC DETAIL ON THIS SHEET.
- ⑦ DRY SPRINKLER MAIN LINE TO BE 600mm ABOVE ATTIC FINISHED FLOOR LEVEL.
- ⑧ DRY SPRINKLER BRANCHLINE AT RIDGE LEVEL.
- ⑨ DRY SPRINKLER BRANCHLINE AT EAVE LEVEL, TYPICAL.
- ⑩ ATTIC UPRIGHT TYPE SPRINKLER HEAD. DEFLECTOR TO BE 75mm BELOW THE BOTTOM OF TOP CHORD OR BOTTOM OF SOLID WOOD RAFTER, TYPICAL.
- ⑪ HORIZONTAL SIDEWALL TYPE SPRINKLER HEAD TO SERVE OVERHANG. SPRINKLER HEAD TO BE 100mm TO 150mm BELOW CEILING AND AT THE PEAK OF OVERHANG CEILING WITH SPRAY DIRECTED DOWN THE SLOPE, TYPICAL.

Annex B: Automatic Sprinkler System Locations - Men's House



GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
2. CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
3. SPRINKLER LAYOUT SHALL BE USED FOR PRICING ONLY. PIPING MATERIALS AND APPEARANCE SHALL BE APPROVED BY PARKS CANADA. FINAL PIPING AND LAYOUT SHALL BE CONFIRMED WITH PARKS CANADA.
4. COORDINATE SPRINKLER LOCATION WITH OTHER DISCIPLINE.
5. PROVIDE SPRINKLER PROTECTION ALL THROUGH OUT THE BUILDING AS PER LATEST EDITION OF NFPA 13 AND THE AUTHORITIES HAVING JURISDICTION.
6. NEW OPENINGS IN STONE MUST BE DONE W/ HAND TOOLS ONLY. REFER TO SECTION 04 03 43 - HISTORIC STONE REMOVAL. ALTERNATIVE METHODS MUST BE APPROVED BY DEPARTMENTAL REPRESENTATIVE.

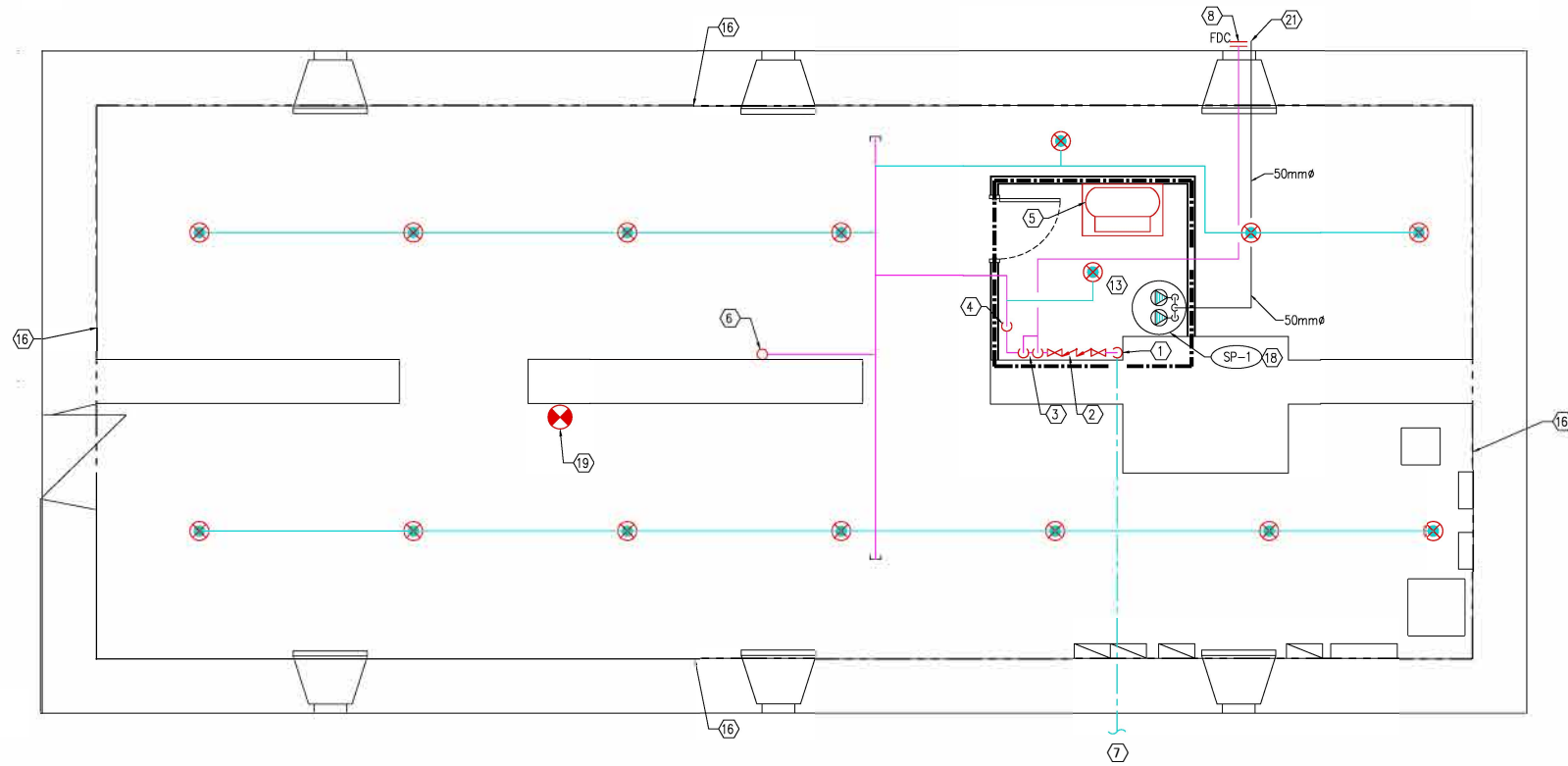
DRAWING KEYNOTES:

1. RUN WATER MAIN SUPPLY FOR SPRINKLER SYSTEM ALONG CHIMNEY INSIDE ENCLOSURE AND UP TO MECHANICAL ROOM IN ATTIC SPACE. HEAT TRACE ALL EXPOSED PIPE IN MAIN FLOOR, INCLUDING PIPE IN ENCLOSURE, AND DOWN TO ABOUT 2400mm (8'-0") BELOW GROUND. REFER TO ARCHITECTURAL FOR ENCLOSURE.
2. WATER MAIN SUPPLY UP FROM MAIN FLOOR.
3. MAIN FLOOR DRY PIPE SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION. REFER TO ATTIC SPACE FOR SPRINKLER PIPING ON THIS ZONE.
4. FIRE DEPARTMENT CONNECTION LINE DOWN FROM ATTIC SPACE. RUN PIPE TIGHT TO WALL AND CONCRETE STOVE. REFER TO 2/M7 FOR CONTINUATION.
5. 100mm ϕ FIRE DEPARTMENT STORZ CONNECTION.
6. NEW 150mm ϕ FIRE PROTECTION WATER SERVICE. REFER TO DETAIL AND DRAWING 1/M1 FOR CONTINUATION.
7. HIGH TEMPERATURE CONCEALED TYPE SPRINKLER HEAD, TYPICAL.
8. 150mm ϕ DOUBLE CHECK VALVE BACKFLOW PREVENTER C/W TAMPER SWITCHES. PIPE DRAIN TO OUTSIDE OF THE BUILDING. RUN PIPE ALONG WITH SPRINKLER MAIN DRAIN.
9. PROVIDE TEMPERATURE ALARM CONNECTED TO INTRUSION ALARM SYSTEM.
10. NEW DRY PIPE VALVE C/W TRIM AND CONTROL VALVE WITH TAMPER SWITCH TO SERVE MEN'S HOUSE DRY PIPE SPRINKLER SYSTEM ZONE. DIVISION 26 TO PROVIDE WIRING FOR ALARM PRESSURE SWITCHES AND AIR SUPERVISORY SWITCH.

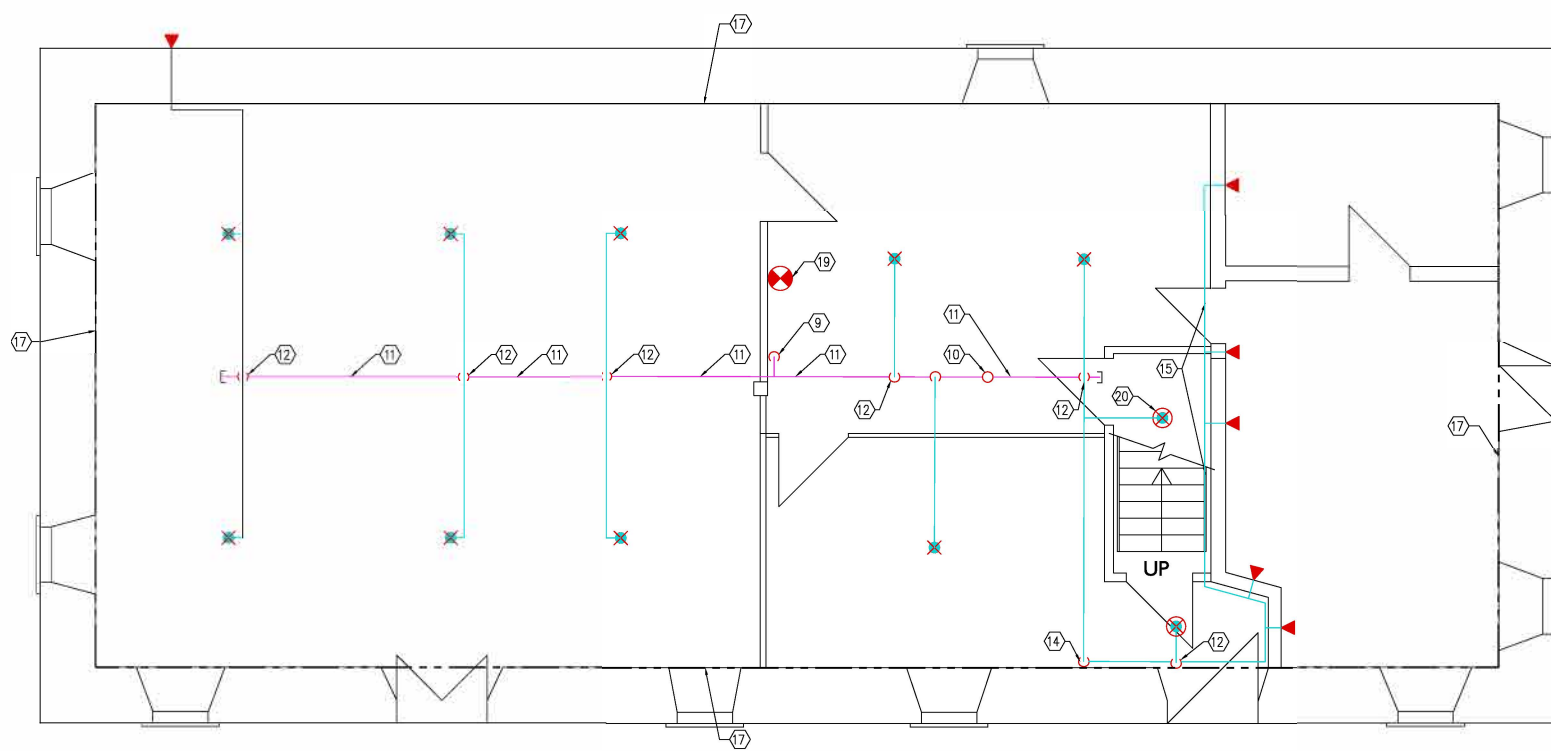
11. NEW SKID-MOUNTED NITROGEN GENERATOR INTEGRATED WITH OIL-LESS AIR COMPRESSOR C/W AIR TANK, NITROGEN TANK, VALVE AN APPURTENANCES. PIPE TO DRY PIPE SPRINKLER SYSTEM ZONE WITH AIR MAINTENANCE DEVICE. PROVIDE 50mm THICK HOUSEKEEPING PAD. COORDINATE WIRING REQUIREMENTS WITH DIVISION 26.
12. 150mm ϕ PIPE C/W CHECK VALVE FROM HEADER TAKE-OFF TO FIRE DEPARTMENT STORZ CONNECTION.
13. FIRE DEPARTMENT CONNECTION LINE PIPE DOWN TO EAVE LEVEL.
14. FIRE DEPARTMENT CONNECTION LINE DOWN TO MAIN FLOOR.
15. PROVIDE LOW POINT DRAIN AND PIPE DRAIN DOWN TO MAIN FLOOR TO RUN TIGHT TO WALL AND CONCRETE STOVE AND TERMINATE OUTSIDE OF THE BUILDING.
16. ATTIC SPACE DRY PIPE SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION.
17. DRY SPRINKLER MAIN LINE AT RIDGE LEVEL.
18. DRY SPRINKLER MAIN TO BE 600mm ABOVE ATTIC FINISH FLOOR LEVEL.
19. RUN DRY SPRINKLER BRANCHLINE ALONG WITH SLOPE OF ROOF TRUSS, TYPICAL.
20. ATTIC UPRIGHT TYPE SPRINKLER HEAD. DEFLECTOR TO BE 75mm BELOW THE BOTTOM OF TOP CHORD OR BOTTOM OF SOLID WOOD RAFTER, TYPICAL.
21. BACK TO BACK TYPE ATTIC SPRINKLER HEAD. TO BE 150mm BELOW RIDGE, TYPICAL.

22. PROVIDE NORMALLY CLOSED VALVE C/W TAMPER SWITCH AND CONNECT TO FIRE DEPARTMENT CONNECTION LINE UPSTREAM OF THE CHECK VALVE FOR FULL FORWARD FLOW TEST OF BACKFLOW PREVENTER.
23. DRY SPRINKLER BRANCHLINE DOWN TO SPRINKLER HEADS IN MAIN FLOOR.
24. SINGLE DIRECTIONAL TYPE ATTIC SPRINKLER HEAD. TO BE 150mm BELOW RIDGE, TYPICAL.
25. 50mm ϕ MAIN DRAIN FROM DRY PIPE SPRINKLER SYSTEM AND BACKFLOW PREVENTER.
26. 50mm ϕ MAIN DRAIN DOWN TO MAIN FLOOR. RUN TIGHT TO WALL AND CONCRETE STOVE.
27. 50mm ϕ MAIN DRAIN DOWN FROM ATTIC SPACE AND TERMINATE OUTSIDE OF THE BUILDING.
28. NEW 10 LBS. ABC TYPE FIRE EXTINGUISHER. COORDINATE TYPE OF INSTALLATION WITH ARCHITECTURAL.

Annex B: Automatic Sprinkler System Locations - Fur Loft



1 FUR LOFT-BASEMENT FIRE PROTECTION LAYOUT
M8.1 1:50



2 FUR LOFT-MAIN LEVEL FIRE PROTECTION LAYOUT
M8.1 1:50

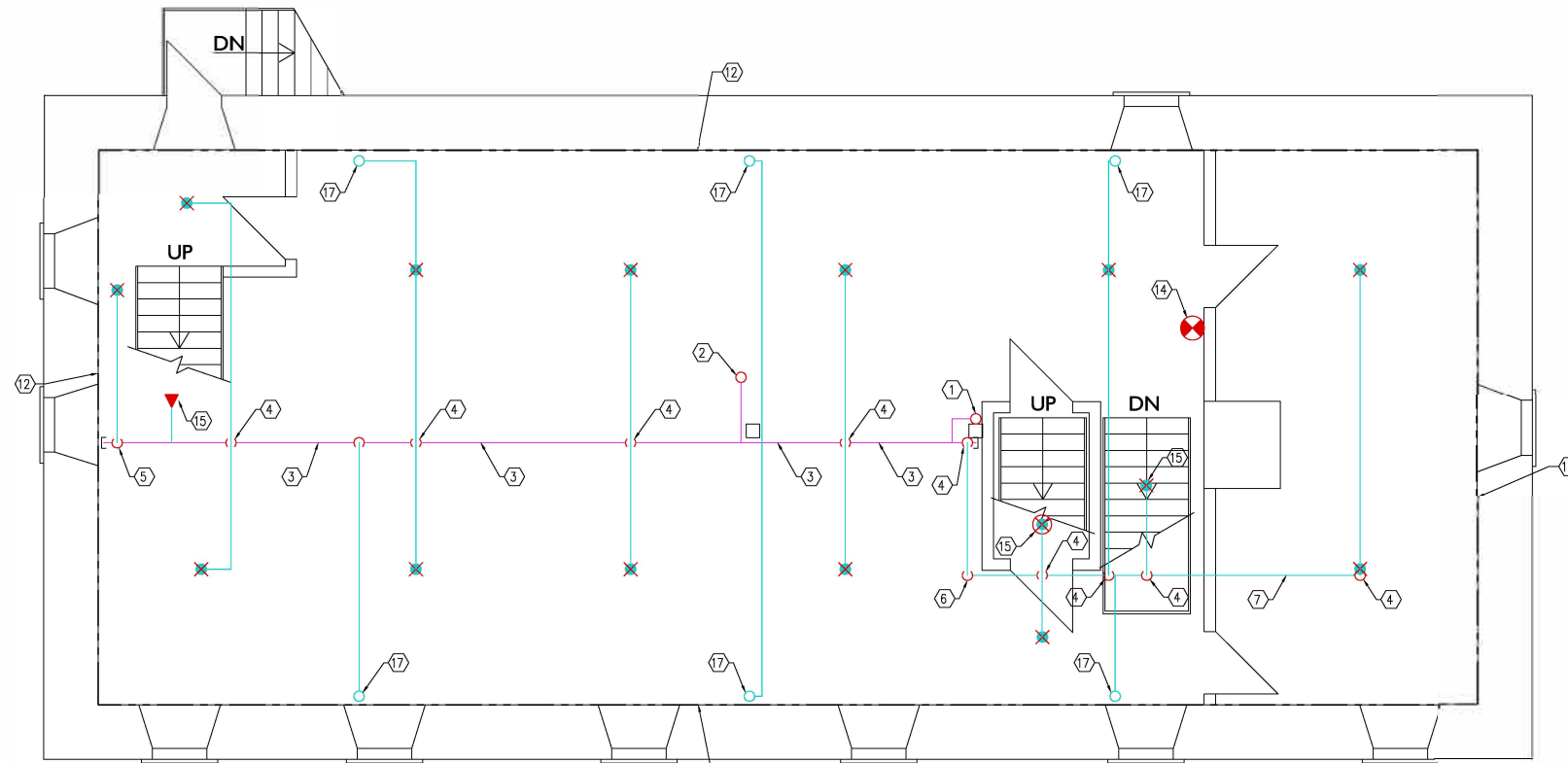
GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
2. CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
3. SPRINKLER LAYOUT SHALL BE USED FOR PRICING ONLY. PIPING MATERIALS AND APPEARANCE SHALL BE APPROVED BY PARKS CANADA. FINAL PIPING AND LAYOUT SHALL BE CONFIRMED WITH PARKS CANADA.
4. COORDINATE SPRINKLER LOCATION WITH OTHER DISCIPLINE.
5. PROVIDE SPRINKLER PROTECTION ALL THROUGH OUT THE BUILDING AS PER LATEST EDITION OF NFPA 13 AND THE AUTHORITIES HAVING JURISDICTION.
6. NEW OPENINGS IN STONE MUST BE DONE W/ HAND TOOLS ONLY. REFER TO SECTION 04 03 43 - HISTORIC STONE REMOVAL. ALTERNATIVE METHODS MUST BE APPROVED BY DEPARTMENTAL REPRESENTATIVE.

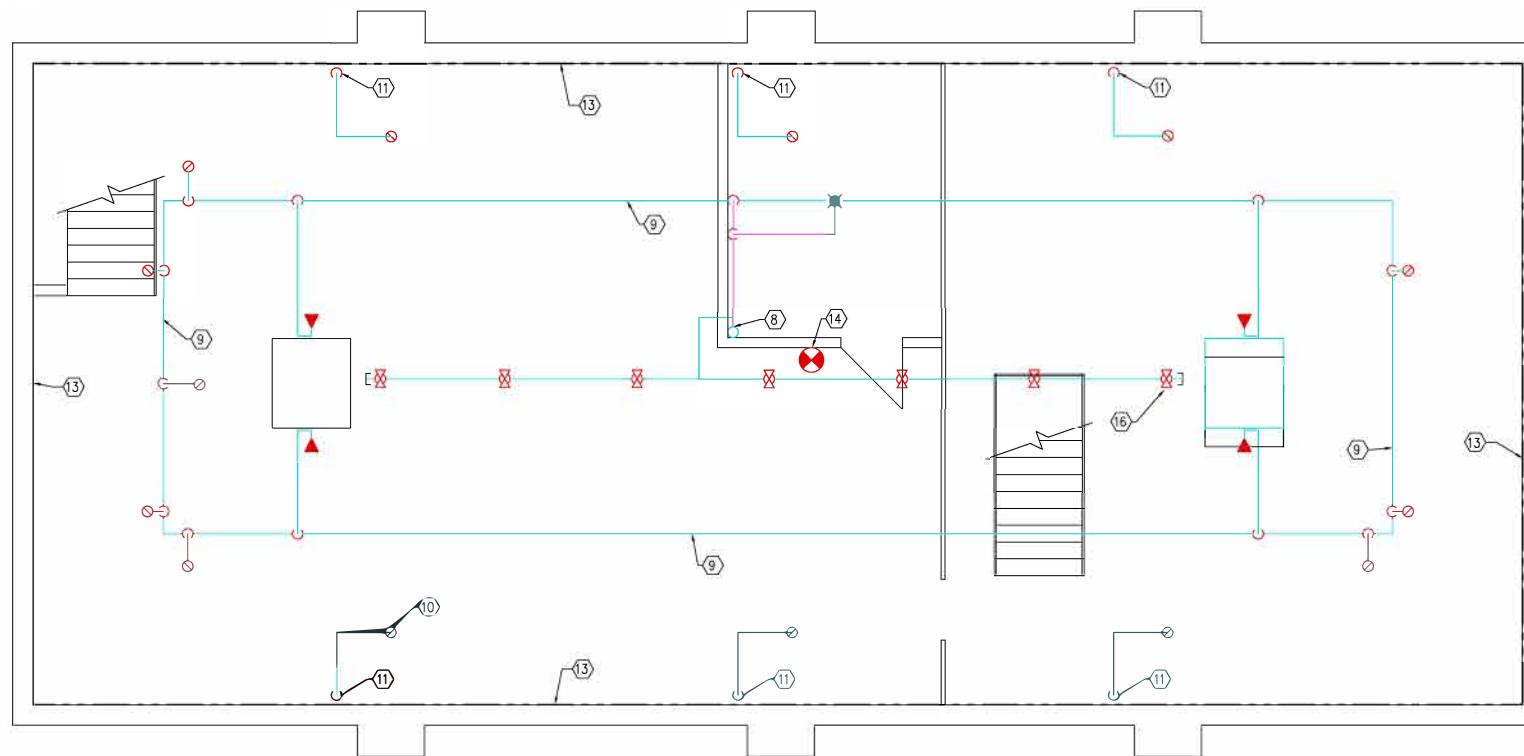
DRAWING KEYNOTES:

- 1 NEW 150mmØ FIRE PROTECTION WATER SERVICE UP FROM BELOW C/W FROST BOX.
- 2 NEW DOUBLE CHECK VALVE BACKFLOW PREVENTER. PIPE DRAIN INDIRECTLY TO HUB DRAIN PROVIDED BY DIVISION 22.
- 3 PROVIDE NORMALLY CLOSED VALVE AND CONNECT TO FIRE DEPARTMENT CONNECTION LINE UPSTREAM OF THE CHECK VALVE FOR FULL FORWARD FLOW TEST OF BACKFLOW PREVENTER.
- 4 NEW DRY PIPE VALVE C/W TRIM AND CONTROL VALVE WITH TAMPER SWITCH. DIVISION 26 TO PROVIDE WIRING TO PRESSURE SWITCHES AND AIR SUPERVISORY SWITCH.
- 5 NEW SKID-MOUNTED NITROGEN GENERATOR INTEGRATED WITH OIL-LESS AIR COMPRESSOR C/W AIR TANK, NITROGEN TANK, VALVE AND APPURTENANCES. PIPE TO DRY PIPE SPRINKLER SYSTEM ZONE WITH AIR MAINTENANCE DEVICE. PROVIDE 50mm THICK HOUSEKEEPING CONCRETE PAD. COORDINATE WIRING REQUIREMENTS WITH DIVISION 26.
- 6 DRY PIPE SPRINKLER MAIN UP TO MAIN FLOOR.
- 7 NEW INCOMING 150mmØ DOMESTIC/FIRE PROTECTION WATER SERVICE.
- 8 100mmØ FIRE DEPARTMENT STORZ CONNECTION.
- 9 DRY PIPE SPRINKLER MAIN UP FROM BASEMENT.
- 10 DRY PIPE SPRINKLER MAIN UP TO SECOND FLOOR.
- 11 RUN DRY PIPE SPRINKLER MAIN TO U/S OF JOIST.
- 12 PIPE NIPPLE UP BETWEEN JOIST.
- 13 PROVIDE LOW TEMPERATURE ALARM CONNECTED TO INTRUSION ALARM SYSTEM.
- 14 OFFSET BRANCHLINE DOWN TO U/S OF JOIST.
- 15 SPRINKLER BRANCHLINE IN CEILING SPACE.
- 16 BASEMENT FLOOR DRY PIPE SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION.
- 17 MAIN FLOOR DRY PIPE SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION.
- 18 PROVIDE NEW PACKAGE DUPLEX SEWAGE SYSTEM C/W CONTROLS. BASIN TO BE 750mmØ x 600mm HIGH. PIPE SPRINKLER MAIN DRAIN INDIRECTLY TO SUMP BASIN 100mmØ INLET. PROVIDE SUPPORT FOR FLOOR MOUNT INSTALLATION AS REQUIRED.
- 19 NEW 10 LBS. ABC TYPE FIRE EXTINGUISHER, TYPICAL. COORDINATE TYPE OF INSTALLATION WITH ARCHITECTURAL.
- 20 PENDENT TYPE SPRINKLER HEAD C/W WIRE GUARD. COORDINATE PIPE ROUTING ON SITE.
- 21 50mmØ SUMP PUMP DISCHARGE TO SPILL ON GRADE.

Annex B: Automatic Sprinkler System Locations - Fur Loft



1 FUR LOFT-SECOND LEVEL FIRE PROTECTION LAYOUT
M8.2 1:50



2 FUR LOFT-ATTIC FIRE PROTECTION LAYOUT
M8.2 1:50

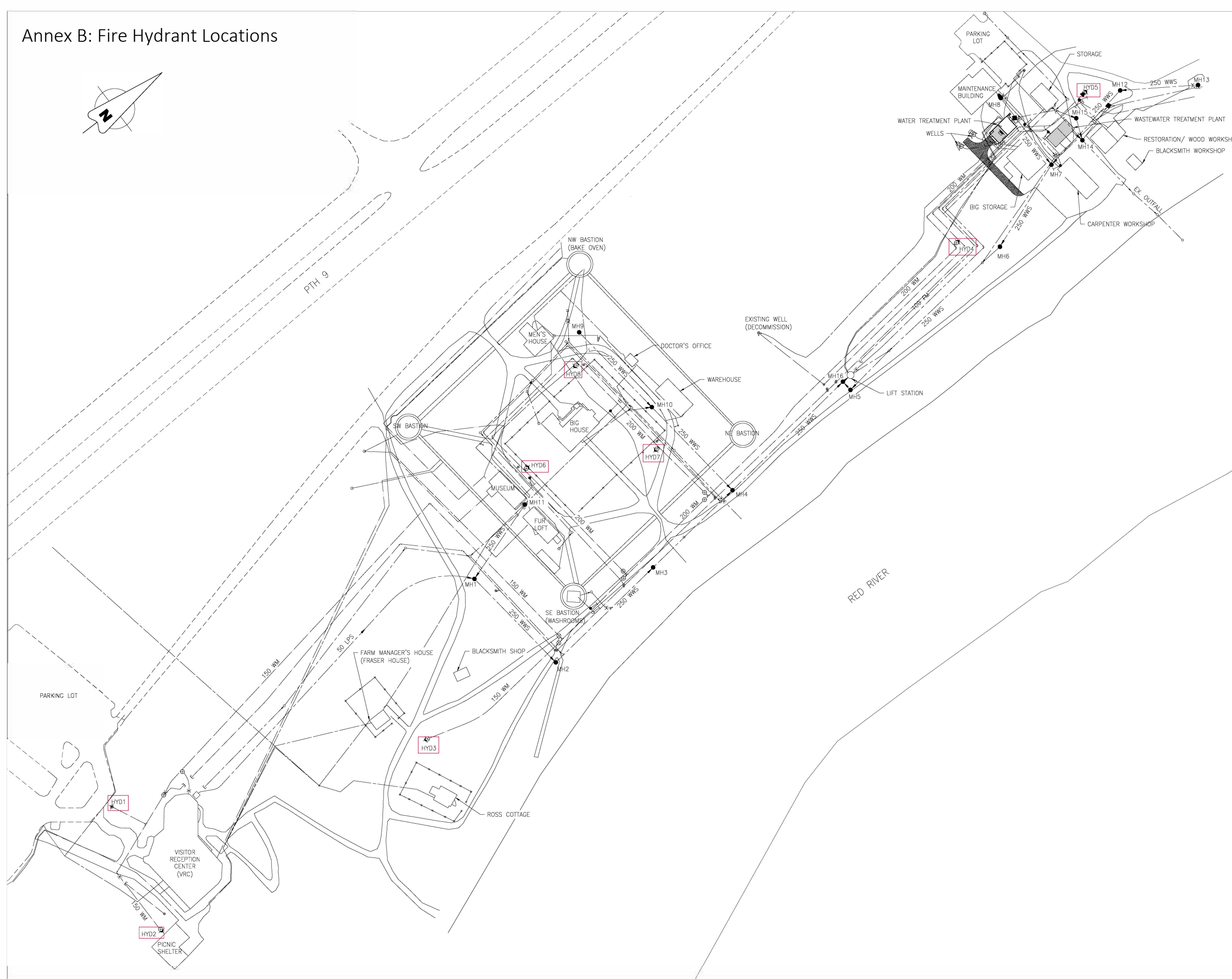
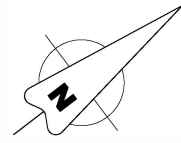
GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
2. CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
3. SPRINKLER LAYOUT SHALL BE USED FOR PRICING ONLY. PIPING MATERIALS AND APPEARANCE SHALL BE APPROVED BY PARKS CANADA. FINAL PIPING AND LAYOUT SHALL BE CONFIRMED WITH PARKS CANADA.
4. COORDINATE SPRINKLER LOCATION WITH OTHER DISCIPLINE.
5. PROVIDE SPRINKLER PROTECTION ALL THROUGH OUT THE BUILDING AS PER LATEST EDITION OF NFPA 13 AND THE AUTHORITIES HAVING JURISDICTION.
6. NEW OPENINGS IN STONE MUST BE DONE W/ HAND TOOLS ONLY. REFER TO SECTION 04 03 43 - HISTORIC STONE REMOVAL. ALTERNATIVE METHODS MUST BE APPROVED BY DEPARTMENTAL REPRESENTATIVE.

DRAWING KEYNOTES:

- 1 65 R UP FROM MAIN FLOOR.
- 2 DRY SPRINKLER MAIN UP TO ATTIC.
- 3 RUN DRY SPRINKLER MAIN TO U/S OF JOISTS AND ALONG BEAM.
- 4 PIPE NIPPLE UP BETWEEN JOISTS.
- 5 OFFSET DRY SPRINKLER MAIN UP BETWEEN JOIST.
- 6 OFFSET DRY SPRINKLER BRANCHLINE DOWN TO RUN UNDERSIDE OF JOIST.
- 7 RUN DRY SPRINKLER BRANCHLINE TO U/S OF JOIST AND ALONG BEAM.
- 8 50 DRY RISER UP FROM SECOND FLOOR.
- 9 INSTALL SPRINKLER MAIN 1878mm AFF
- 10 ATTIC UPRIGHT TYPE SPRINKLER HEAD, TYPICAL.
- 11 UP FROM BELOW
- 12 SECOND FLOOR DRY PIPE SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION.
- 13 ATTIC DRY PIPE SPRINKLER SYSTEM ZONE TO BE LIGHT HAZARD OCCUPANCY CLASSIFICATION.
- 14 NEW 10 LBS. ABC TYPE FIRE EXTINGUISHER. COORDINATE TYPE OF INSTALLATION WITH ARCHITECTURAL.
- 15 PROVIDE SPRINKLER HEAD BELOW STAIR. COORDINATE PIPE ROUTING ON SITE.
- 16 PROVIDE AN INSPECTOR'S TEST CONNECTION. COORDINATE DRAIN LOCATION ON SITE.
- 17 25 RISE TO ATTIC DORMERS TYPICAL

Annex B: Fire Hydrant Locations



LEGEND:

| SYMBOL | LEGEND-PLAN |
|-----------|---------------------|
| — 150_WM | WATERMAIN |
| ● | HYDRANT |
| ⊗ | VALVE |
| — 300_LPS | LAND DRAINAGE SEWER |
| — 250_WWS | WASTE WATER SEWER |
| — 100_RW | RAW WATERMAIN |
| — 15_WS | WATER SERVICE |
| ○ | MANHOLE |
| □ | CATCH BASIN |
| — | GAS |
| — | HYDRO |
| — | M.T.S. |
| — | SIDEWALK |
| — | PROPERTY LINE |
| — | SURVEY BAR |
| — 50_LPS | LOW PRESSURE SEWER |
| ⊕ | CURB STOP |
| ⊙ | LAMP STANDARD |
| ⊗ | TEST HOLES |
| ⊕ | WELL |

DISCLAIMER:

THIS DOCUMENT IS ONLY TO BE USED FOR FIRE HYDRANT LOCATIONS. ALL HYDRANT LOCATIONS ARE LABELED HYD1, HYD2, HYD3 ETC. AND ARE OUTLINED WITH A RED BOX.

DO NOT RELY ON ALL OTHER INFORMATION PRESENTED AS IT MAY NOT BE UP-TO-DATE OR ACCURATE.

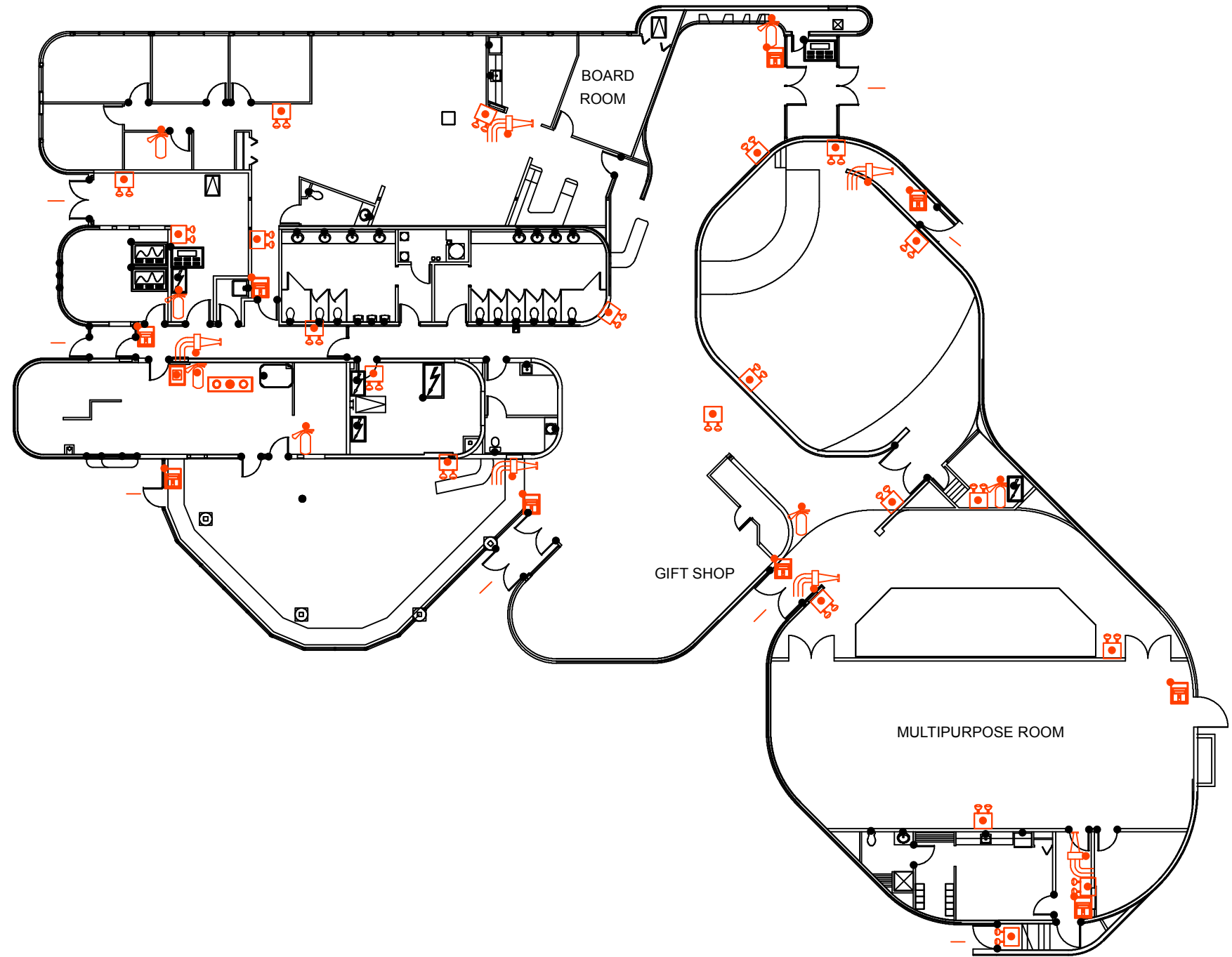
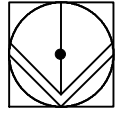
FIRE HYDRANT LOCATIONS














SCALE:

NOT TO SCALE

PAGE NO.:

Annex B: Standpipe and Hose Cabinet Locations - Visitor Reception Centre



-  EXIT
-  FIRE EXTINGUISHER
-  FIRE ALARM PULL STATION
-  FIRE HOSE CABINET WITH EXTINGUISHER
-  "K" TYPE FIRE EXTINGUISHER
-  COMMERCIAL COOKING FIXED EXTINGUISHING SYSTEM
-  PULL STATION FOR FIXED EXTINGUISHING SYSTEM
-  WET CHEMICAL TANK
-  BATTERY PACK EMERGENCY UNIT LIGHTING
-  MAIN FIRE ALARM ANNUNCIATOR PANEL
-  REMOTE FIRE ALARM ANNUNCIATOR PANEL
-  FIRE ALARM ANNUNCIATOR PANEL HISTORICAL BUILDINGS
-  ELECTRICAL CONTROL
-  MAIN ELECTRICAL CONTROL FOR VISITOR RECEPTION CENTRE GUEST COTTAGE FARM MANAGER'S HOUSE
-  MAIN NATURAL GAS CONTROL
-  TRANSFORMER

VISITOR RECEPTION CENTRE

Main Floor