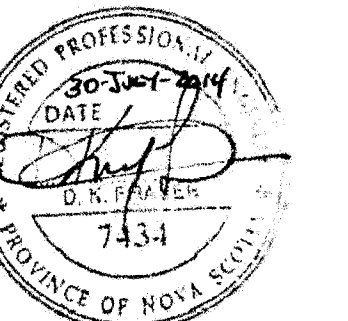


LEGEND:

- SPRINKLER PIPE
- FE-# FIRE EXTINGUISHER
- BACKFLOW PREVENTER
- ZONE ## SPRINKLER ZONE

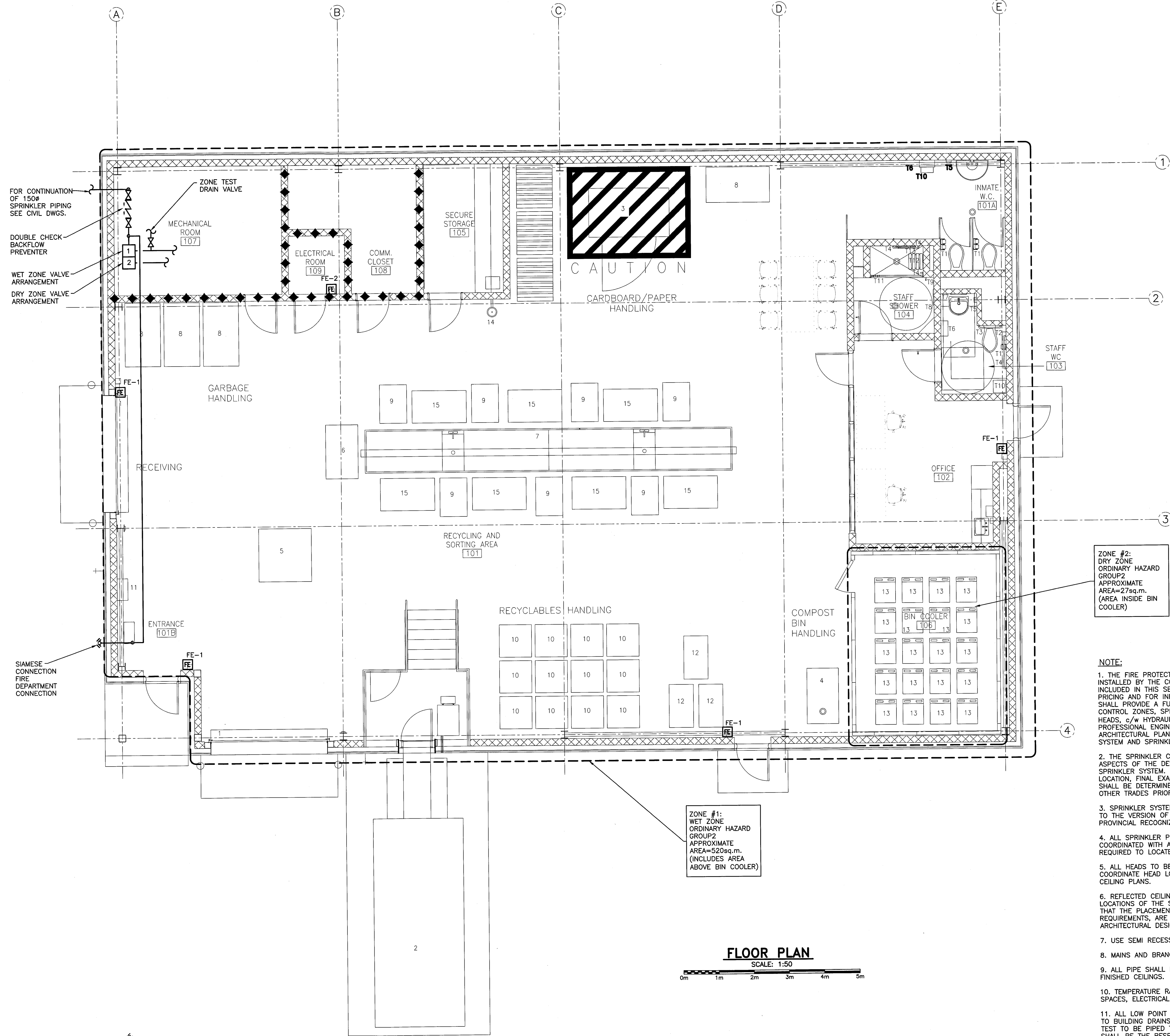


0	ISSUED FOR TENDER	
revisions		date
project		project

**SPRINGHILL
SOLID WASTE
MANAGEMENT CENTRE**
SPRINGHILL, NS

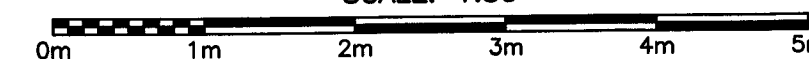
**MECHANICAL
FLOOR PLAN
FIRE PROTECTION**

designed GH	concp
date JUNE 2012	
drawn KRG	dessiné
date JUNE 2012	
approved MDW	approuvé
date JUNE 2012	
Tender	Submission
PWOSC Project Manager	Administrateur de projets TPSCC
project number	no. du projet
R.043944.002	
drawing no.	no. du dessin
M10	



FLOOR PLAN

SCALE: 1:50



ZONE #2:
DRY ZONE
ORDINARY HAZARD
GROUP 2
APPROXIMATE
AREA=27sq.m.
(AREA INSIDE BIN
COOLER)

ZONE #1:
WET ZONE
ORDINARY HAZARD
GROUP 2
APPROXIMATE
AREA=520sq.m.
(INCLUDES AREA
ABOVE BIN COOLER)

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. 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 100°C.
11. ALL LOW POINT DRAINS AND ZONE VALVE DRAINS TO BE PIPED TO BUILDING DRAINS, 50mm 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 AND FIRE ALARM REQUIREMENTS.
15. SPRINKLER CONTRACTOR TO PROVIDE GUARDS ON HEADS IN ALL AREAS EXCEPT OFFICE, STAFF WASHROOM & STAFF SHOWER.