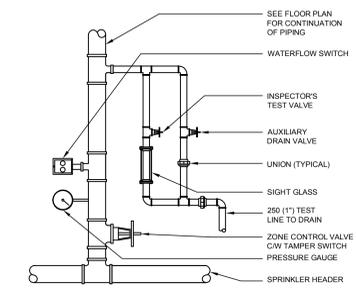




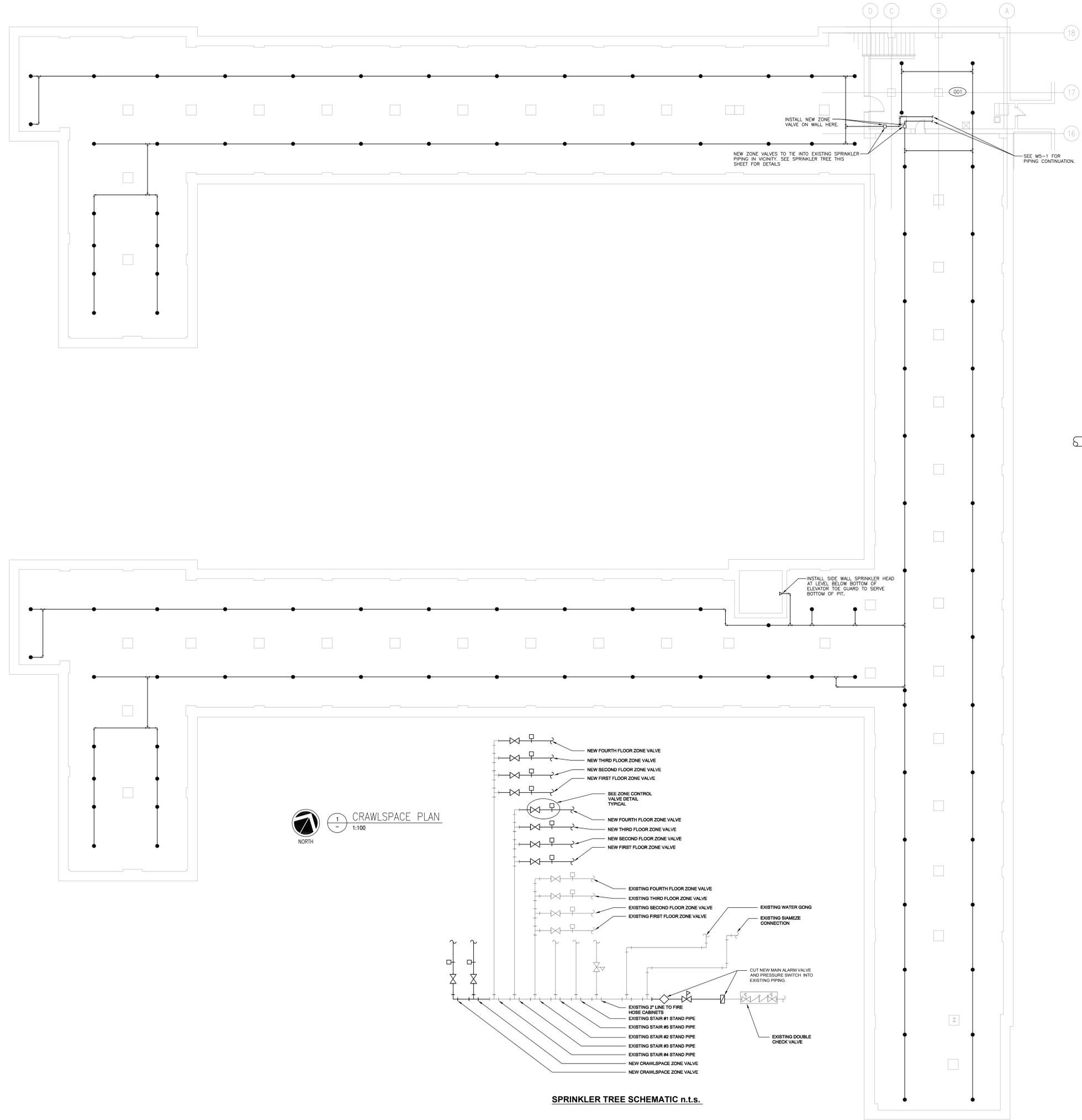
Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
HDA ENGINEERING LTD.
Number: C081
Permission to Consult Held by:
Discipline: SK Reg. No. Signature
Mach. 6093 J. Downes

- SPRINKLER LEGEND**
- STANDARD CHROME PLATED SEMI RECESSED PENDANT HEAD
 - ⊙ EXTENDED ESCUTCHEON CHROME PLATED PENDANT HEAD
 - ⊖ FULLY RECESSED CHROME PLATED PENDANT HEAD
 - STANDARD UPRIGHT HEAD
 - ⦿ STANDARD NON-FREEZE PENDANT HEAD
 - △ STANDARD SIDEWALL HEAD
 - ▲ NON-FREEZE SIDEWALL HEAD
 - ◌ EXTENDED COVERAGE SIDEWALL HEAD

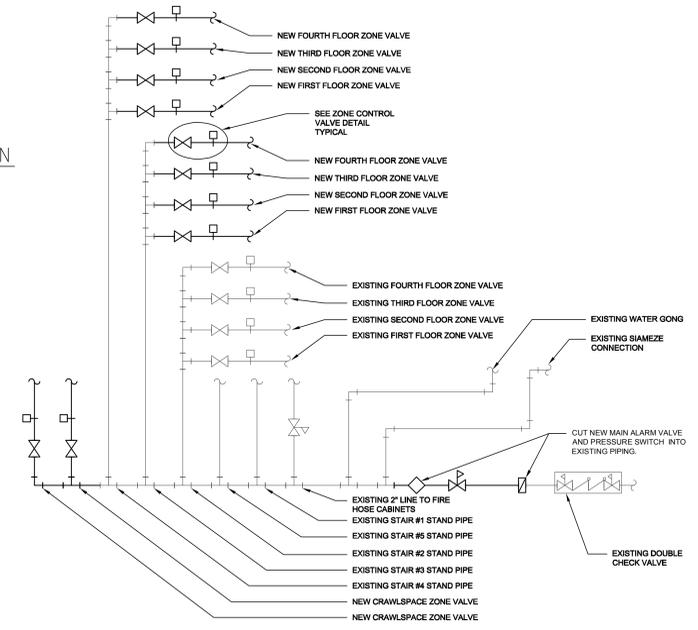
- FIRE PROTECTION NOTES:**
- ALL SPRINKLER PIPE TO BE HYDRAULICALLY SIZED. BASE ON FLOW TEST RESULTS.
 - CO-ORDINATE ALL SPRINKLERS AND PIPING WITH OTHER PIPING, STRUCTURAL, LIGHTING, DUCTWORK AND ELECTRICAL.
 - PROVIDE DRAINS AT LOW POINTS IN SYSTEM.
 - ALL SPRINKLER HEADS IN T-BAR CEILING ARE TO BE CENTERED IN TILE OR 1/2 TILE UNLESS NOTED OTHERWISE.
 - CONTRACTOR SHALL PIPE TEST AND DRAINS TO NEAREST MOP SINK. PIPE TO RUN TIGHT TO STRUCTURE.
 - CONTRACTOR TO PROVIDE SPRINKLER HEAD GUARDS ON SPRINKLER HEADS IN THE FOLLOWING SPACES: SERVICE ROOMS, STORAGE ROOMS, IT/EQUIPMENT ROOMS INCLUDING MCCP.



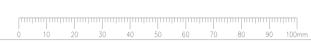
FIRE PROTECTION ZONE CONTROL VALVE SCHEMATIC n.t.s.



CRAWLSPACE PLAN
1:100
NORTH



SPRINKLER TREE SCHEMATIC n.t.s.



DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2014-01-17

Project Title/Titre du projet
SHARED LEARNING FACILITY
REGINA, SK

Approved by/Approve par
Designed by/Concept par TKC
Drawn by/Dessine par TKC/JJB
Project Manager/Administrateur de Projets AC
Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'Ingénierie

Drawing Title/Titre du dessin
CRAWLSPACE PLAN
FIRE PROTECTION

Project No./No. du projet	Sheet/feuille	Revision no./Lo Révision no.
05/2013	M3-1	0

