

ASSOCIATION OF PROFESSIONAL ENGINEERS  
 OF SASKATCHEWAN  
 CERTIFICATE OF AUTHORIZATION  
**RITENBURG & ASSOCIATES LTD.**  
 NUMBER 52  
 PERMISSION TO CONSULT HELD BY:  
 DISCIPLINE: ELECTRICAL SASK. REG. NO. 11782 SIGNATURE: *[Signature]*

**DO NOT SCALE DRAWINGS**

Revision/Revision	Description/Description	Date/Date

Client/client

Project title/Titre du projet

**SHARED LEARNING FACILITY  
 REGINA, SK**

Approved by/Approuve par

Designed by/Concept par  
**BDK,SBK,GTK**

Drawn by/Dessine par  
**BDK**

Project Manager/Administrateur de Projets  
**AC**

Architectural and Engineering Resources Manager/  
 Ressource Architecturale et de Directeur d'Ingénierie

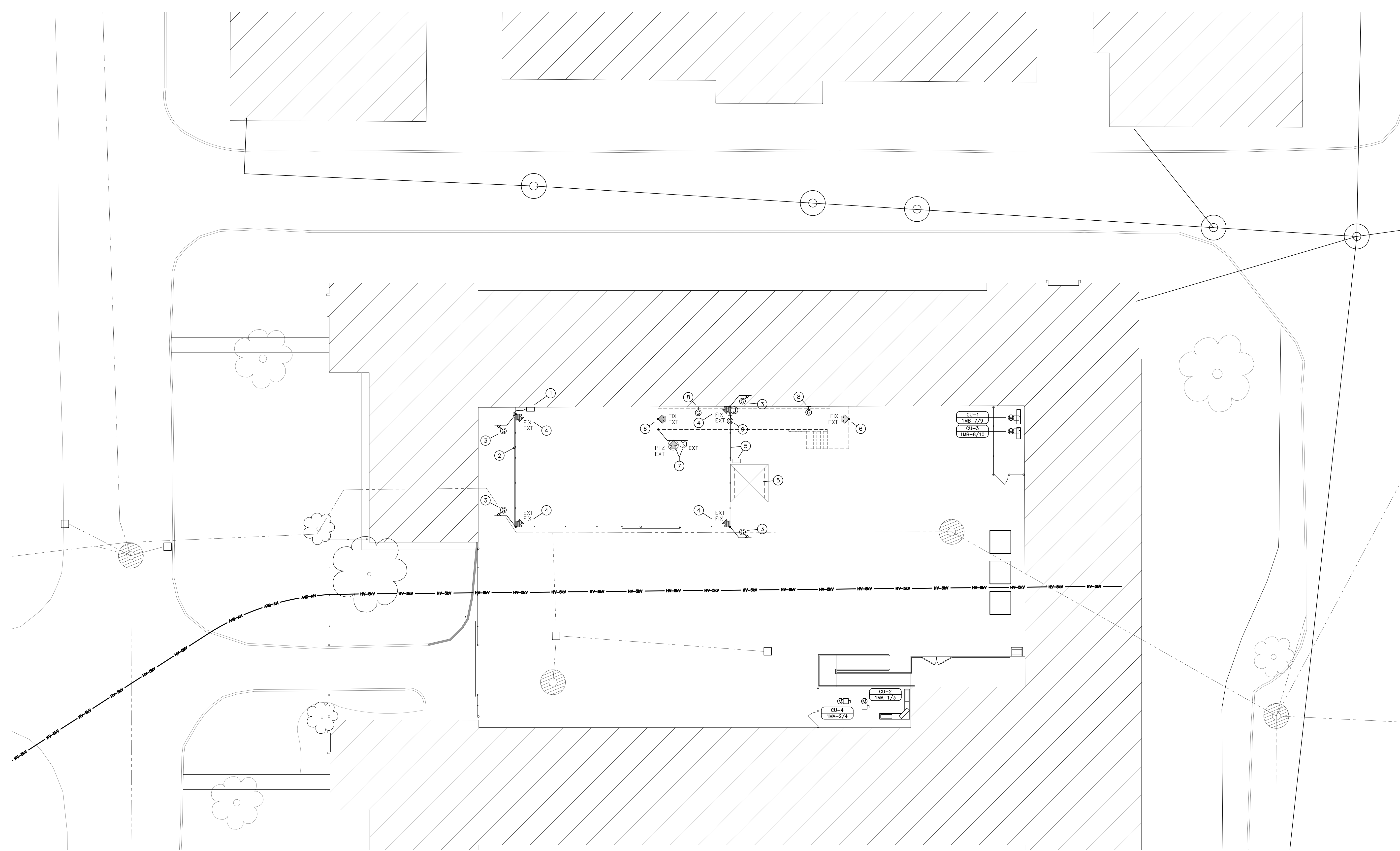
Client/client

Drawing title/Titre du dessin  
**ELECTRICAL SITE PLAN**

Project No./No. du projet  
**05/2013**

Sheet/Feuille  
**E1.1**

Revision no./  
 Le Révision  
 no.



- GENERAL NOTES:**
- FOR ALL BUILDING MOUNTED EXTERIOR LIGHTS, REFER TO DRAWING E2.1.
  - ALL EXTERIOR LIGHTING SHALL BE CONTROLLED BY THE SWITCH LOCATED AT THE EXIT TO THE CATWALK.

- SITE DRAWING NOTES:**
- PROVIDE 610 X 762 X 203MM (L X W X D) NEMA 4X SURFACE MOUNTED BOX FOR FENCE DETECTION SYSTEM (FDS). PROVIDE STRUCTURAL STEEL SUPPORTS TO MOUNT ENCLOSURE SUCH THAT THE BOTTOM OF THE ENCLOSURE IS 610MM ABOVE GRADE. SEE DETAIL ES.2/5 FOR FURTHER INFORMATION.
  - MICROPHONIC CABLE SHOWN, REFER TO DETAIL ES.2/5 FOR FURTHER INFORMATION.
  - FIXTURE SHALL BE MOUNTED UP 809MM ABOVE GRADE TO ARCHITECTURAL POLE. REFER TO ARCHITECTURAL ELEVATION DRAWINGS FOR EXACT MOUNTING DETAILS AND LOCATION.
  - SECURITY CAMERA SHALL BE POLE MOUNTED AT 2440MM ABOVE GRADE. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ARCHITECTURAL ELEVATION DRAWINGS FOR EXACT LOCATION.
  - PROVIDE ONE NEW TWO LAMP SURFACE MOUNTED FLUORESCENT STRIP LIGHT CENTERED ON THE GUARD SHACK CEILING. FIXTURE SHALL BE C/W COLD TEMPERATURE BALLAST AND WIRE GUARD. PROVIDE SWITCH ADJACENT TO DOOR MOUNTED UP 1200mm. PROVIDE ONE 20 AMP T-SLOT DUPLEX RECEPTACLE MOUNTED ON THE CENTER OF THE NORTH WALL UP 450mm. FEED FROM NEW 20A-1P BREAKER IN PANEL 101. RUN TECK 90 FEEDER CABLE ALONG FENCE FROM BUILDING UP 3050mm A.F.G. TO A NEMA 4X JUNCTION BOX ON THE GUARD SHACK AND STUB INTO SHACK WITH ACDC CABLES.
  - SECURITY CAMERA SHALL BE POLE MOUNTED 2400MM ABOVE TOP LEVEL OF CATWALK. PROVIDE ALL NECESSARY MOUNTING HARDWARE. COORDINATE WITH ARCHITECTURAL WINDOWS, DOORS, AND ELEVATION DRAWINGS FOR EXACT LOCATIONS.
  - SECURITY PTZ CAMERA AND EXTERIOR SPEAKER SHALL BE MOUNTED 2400MM ABOVE GRADE TO CATWALK SUPPORT AND PROVIDE FIELD OF VIEW OF ENTIRE FENCED AREA. PROVIDE ALL NECESSARY MOUNTING HARDWARE.
  - LIGHT FIXTURE SHALL BE WALL MOUNTED 930MM ABOVE GRADE. FIXTURE SHALL BE FED THROUGH THIRD FLOOR CEILING SPACE. REFER TO ARCHITECTURAL EXTERIOR ELEVATION DRAWINGS FOR FURTHER INFORMATION.
  - LIGHT FIXTURE SHALL BE MOUNTED TO THE STEEL STRUCTURE OF THE CATWALK UP 5800MM ABOVE GRADE. FIXTURE TO BE FED FROM JUNCTION BOX LOCATED ON GROUND LEVEL. REFER TO ARCHITECTURAL EXTERIOR ELEVATION DRAWINGS FOR FURTHER INFORMATION.

**1 SITE PLAN**  
 E1.1 1:150

