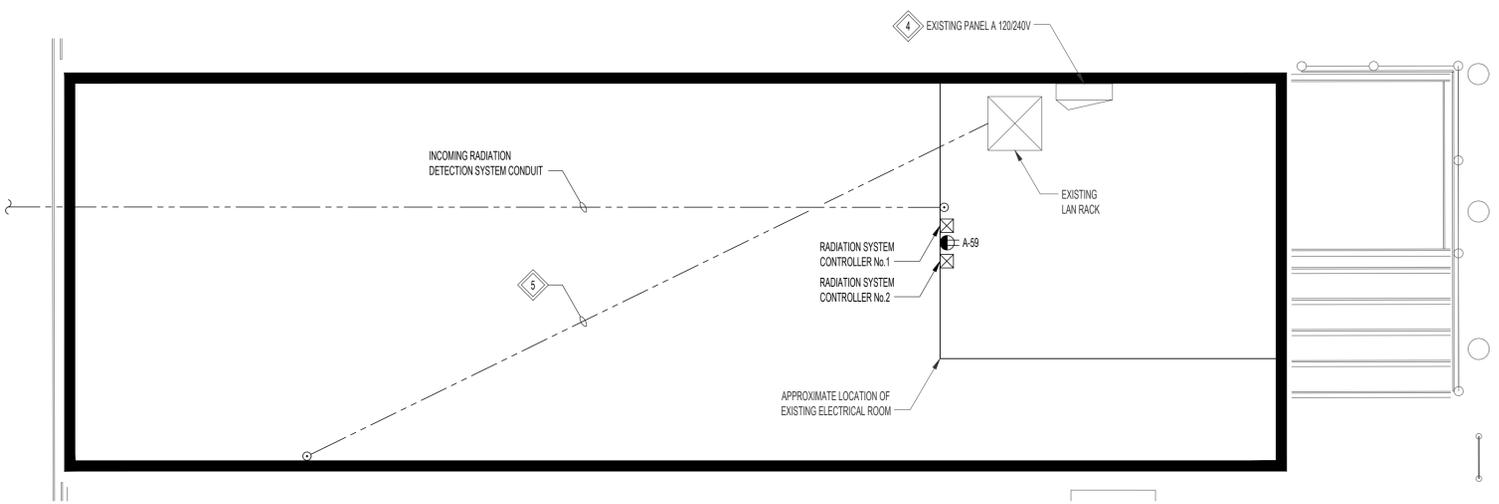


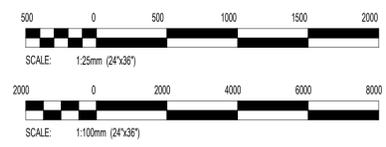
- GENERAL NOTES:**
1. "RADCOMM RADIATION DETECTION SYSTEMS" WAS USED AS THE BASIS OF DESIGN. THE ELECTRICAL SUB-CONTRACTOR SHALL COORDINATE WITH THE APPROVED MANUFACTURER FOR EXACT SYSTEM REQUIREMENTS PRIOR TO BID.
  2. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL ONLY AND ARE NOT TO BE USED FOR FINAL MEASUREMENTS. THE ELECTRICAL SUB-CONTRACTOR SHALL FIELD-VERIFY EXACT LOCATIONS AND DISTANCES ON-SITE PRIOR TO BID.
  3. NOT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN. IT IS THE ELECTRICAL SUB-CONTRACTORS RESPONSIBILITY TO VERIFY AND PERFORM UNDERGROUND LINE LOCATES TO CONFIRM ALL EXISTING UNDERGROUND SERVICES PRIOR TO COMMENCEMENT OF ANY GROUND WORK. REPORT ANY DISCREPANCIES OR ISSUES TO ENGINEER.
  4. ALL NEW FEEDERS SHALL BE PUSHED AT 1m DEPTH UNLESS A DEEPER DEPTH IS REQUIRED TO AVOID OBSTACLES. ELECTRICAL SUB-CONTRACTOR TO EXCAVATE AS REQUIRED AND RESTORE THE SURFACES TO MATCH EXISTING. THE CONTRACTOR SHALL INSTALL UNDERGROUND FEEDERS WITH SUFFICIENT SLACK TO PREVENT SHEERING.
  5. ELECTRICAL SUB-CONTRACTOR TO ALLOW FOR EXCAVATING AND HYDRO VACUUMING AREAS WHERE UTILITIES ARE EXPECTED TO CROSS WITH KNOWN UNDERGROUND UTILITIES.
  6. ELECTRICAL SUB-CONTRACTOR TO COORDINATE WITH THE CITY FOR ALL DEMOLITION AND CONSTRUCTION WORK THAT EFFECTS NORMAL OPERATION OF THE SITE.
  7. COORDINATE THE FINAL LOCATION OF ALL EQUIPMENT WITH THE CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.

- KEYNOTES:**
1. DISCONNECT AND REMOVE EXISTING RADIATION DETECTION SYSTEM INCLUDING INSTRUMENTATION CABLING AND EQUIPMENT. EXISTING PILE FOUNDATION TO REMAIN. LABEL EXISTING BREAKER(S) WITHIN SOURCE PANEL(S) AS 'SPARE'.
  2. ALL UNDERGROUND CONDUITS SHALL BE PUSHED (1m DEPTH MINIMUM). PATCH AND REPAIR ALL SURFACE DAMAGE CAUSED BY EXCAVATIONS AND PUSHING OPERATIONS AS REQUIRED TO RESTORE TO ORIGINAL CONDITION.
  3. PROVIDE VEHICLE RATED PRECAST UNDERGROUND PULLBOXES FOR INSTRUMENTATION CABLING.
  4. PROVIDE A NEW 15A, 120V, GFCI BREAKER WITHIN EXISTING PANEL 'A' FOR RADIATION DETECTION SYSTEMS.
  5. PROVIDE A CONDUIT COMPLETE WITH PULLSTRING BETWEEN RACK MOUNTED PC AND SCALE BUILDING DESK. ROUTE THE CONDUIT THROUGH THE CRAWLSPACE. COORDINATE THE EXACT LOCATION OF EQUIPMENT WITH THE CITIES IST DEPARTMENT.
  6. RELOCATE THE EXISTING DRIVE AISLE SIGNAGE ('LANE 1' AND 'LANE 3'). MOUNT THE EXISTING SIGNAGE TO THE NEW BOLLARDS AS REQUIRED UTILIZING HOT DIPPED GALVANIZED STRUT AND FASTENERS.
  7. EXISTING LIGHT POLE FEEDER. CONTRACTOR TO HYDRO VACUUM AS REQUIRED AND RESTORE ASPHALT TO ORIGINAL CONDITION.

**1 COMMERCIAL SCALE BUILDING**  
SCALE: 1:100mm



**2 ENLARGED COMMERCIAL SCALE BUILDING**  
SCALE: 1:25mm



**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES \_\_\_\_\_ DATE \_\_\_\_\_  
COMMITTEE \_\_\_\_\_

**NOTE:**  
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
1	RE-ISSUED FOR CONSTRUCTION	21/01/14	CLS
0	ISSUED FOR CONSTRUCTION	20/11/27	CLS

<b>KGS GROUP</b>		ENGINEER'S SEAL	
DESIGNED BY	SDC	CHECKED BY	CLS
DRAWN BY	SDC	APPROVED BY	CLS
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION:	20/11/27
VERTICAL:	AS NOTED	DATE	20/11/27

CONSULTANT PROJECT NO.  
20-0107-12

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

Winnipeg

PROJECT TITLE  
**BRADY ROAD RESOURCE MANAGEMENT FACILITY RADIATION DETECTION SYSTEM**

COMMERCIAL SCALE BUILDING

SHEET	2	OF	4
COMPUTER FILE NAME	839-2020-Drawing_20-0107-012_E02		
CONSULTANT DRAWING NUMBER	E02		