

11 DETAIL
 SCALE NTS

11 CONTROL STATIONS SUITABLE FOR CLASS 1, ZONE 2, AREA CLASSIFICATION. NO WORK REQUIRED.

GENERAL NOTES:

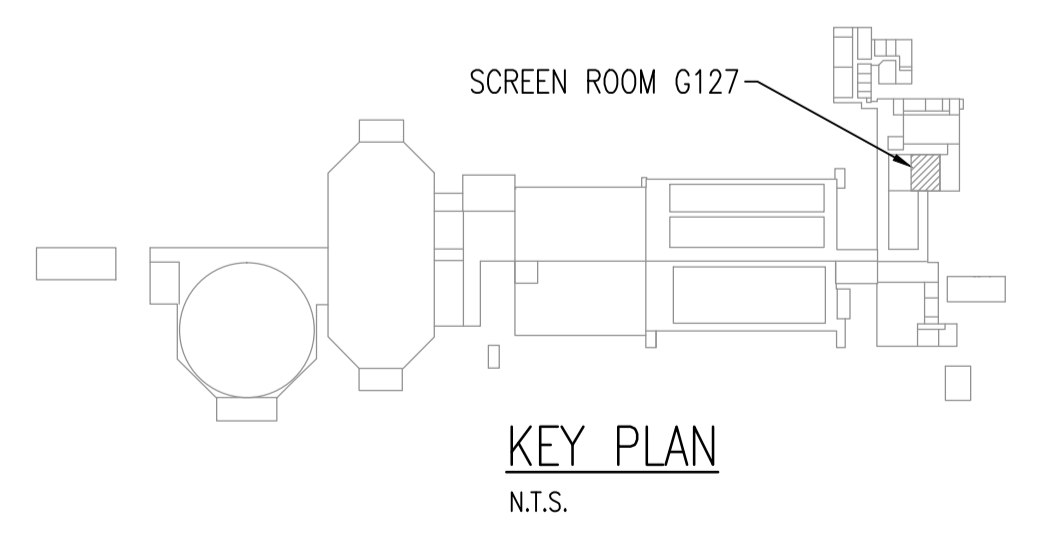
- DRAWING AND PHOTOGRAPHS SHOW EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT AND DEVICES. LOCATIONS INDICATED ARE APPROXIMATE.
- REUSE OF EXISTING CONDUIT AND WIRING FOR NEW DEVICES IS ACCEPTABLE UNLESS OTHERWISE NOTED.
- PLAN AND SCHEDULE WORK TO MINIMIZE OUTAGES. SCHEDULE ALL SHUTDOWNS WITH PLANT OPERATIONS. REFER TO SPECIFICATIONS FOR DETAILS.

CANADIAN ELECTRICAL CODE NOTES:

- AREA CLASSIFIED AS HAZARDOUS CLASS I, ZONE 2, GROUP IIA. REFER TO DRAWING 1-0102G-E0014.
- SUPPLY AND INSTALL NEW DEVICES AND CONDUIT TO MEET REQUIREMENTS FOR THE AREA CLASSIFICATION.
- INSTALLATION TO BE COMPLIANT WITH CEC REQUIREMENTS FOR THE AREA CLASSIFICATION, EXCEPT:
 (a) CONDUIT SEALS ARE NOT REQUIRED ON EXISTING CONDUITS PASSING FROM CLASS I ZONE 2 AREAS TO UNCLASSIFIED AREAS, REF CEC 18-158(a).
- DO NOT INSTALL ANY NEW WIRING IN EXISTING CONDUITS. ALL NEW WIRING TO BE INSTALLED IN NEW CONDUITS TO MEET CEC REQUIREMENTS, INCLUDING SEALS WHEN PASSING FROM CLASSIFIED AREAS.

SPECIFIC NOTES

- PROVIDE EXIT SIGN MOUNTED ON WALL DIRECTING OCCUPANTS DOWN THE STAIRS. MOUNT TO SIDE OF ELEVATED PLATFORM. RUN CONDUIT FROM EXISTING ESSENTIAL CIRCUIT IN TRUCK BAY.
- INSTALL DUCT SEAL IN EXISTING CONDUIT AT THE FIRST CONDUIT BODY OR JUNCTION BOX WITHIN THE HAZARDOUS AREA (ESTIMATED NUMBER OF LOCATIONS: 3).
- GAS DETECTION EQUIPMENT HAS BEEN REPLACED UNDER A DIFFERENT PROJECT.
- PROVIDE PULL CORD TENSIONER SPRINGS ON FIXED END OF PULL CORD.
- PROVIDE DISCONNECT SWITCHES FOR MOTORS G260-CON AND G261-BR.



- NOTES:
- THIS DRAWING SUPERCEDES PART OF SEP-826 AND SEP-837.

1-0102A-E0010	TYPICAL INSTALLATION DETAILS.
1-0102A-E0009	DEVICE AND LUMINARIE SCHEDULE.
1-0102G-E0014	ELECTRICAL CLASSIFICATION PLAN
DRAWING NUMBER	REFERENCE DRAWINGS

APECM
 Certificate of Authorization
SNC-Lavalin Inc.
 No. 4489

00	ISSUED FOR TENDER, BID OPP. 7-2012	2012/02/08	TMC	CJR
NO.	REVISIONS	DATE	DESIGN	CHECK

SNC-LAVALIN INC.
 148 Nature Park Way
 Winnipeg, MB, Canada R3P 0X7
 204-798-8080

DESIGNED BY: I. CHURCH
 CHECKED BY: C. REIMER
 DRAWN BY: S. FUNK
 APPROVED BY: C. REIMER
 SCALE: 1:30
 RELEASED FOR CONSTRUCTION BY: N. HARRINGTON
 DATE: 2011/07/06
 DATE: 2012/02/15

CONSULTANT NO.: 112577-0113-47DD-0204

ENGINEER'S SEAL

ORIGINAL DRAWING SEALED BY:
 T. M. CHURCH
 SNC-LAVALIN
 MEMBER #32682
 2012/02/15
 REV. 00

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
 ELECTRICAL CLASSIFICATION UPGRADES
 PLAN LAYOUT
 PUMP & SCREEN BUILDING - SCREEN ROOM G127
 EAST AREA

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102G-E0021	001	00	A1