

GENERAL NOTES:

- ALL NEW FIRE ALARM DEVICES ARE INDICATED AS SUCH AND REMAINING DEVICES ARE EXISTING DEVICES. NO EXISTING FIRE ALARM DEVICES ARE BEING REMOVED UNLESS INDICATED OTHERWISE.
- ALL WIRING ASSOCIATED WITH FIRE ALARM EQUIPMENT WILL BE IN RUN IN A DEDICATED CONDUIT SYSTEM. ALL CONDUIT TO BE RIGID ALUMINUM.
- PROVIDE EXPANSION COUPLINGS AND FITTINGS FOR ALL CONDUIT CROSSING EXPANSION JOINTS.
- EXISTING FIRE ALARM DEVICES IN OTHER AREAS OF THE EXISTING FACILITY ARE TO REMAIN.
- DEVICE TAGS ARE SHOWN IN SHORTHAND NOTATION. FULL DEVICE TAG FORMAT IS FAS-U-xxx-yyy, WHERE xxx IS THE ROOM NUMBER, AND yyy IS THE DEVICE IDENTIFIER. REFER TO DRAWING 1-0102-EFAS-A001.
- ALL REQUIRED HAZARDOUS CONDUIT SEALS ARE NOT NECESSARILY SHOWN. INSTALL AS PER PEC REQUIREMENTS.
- UTILIZE A MINIMUM WIRE SIZE FOR NAC CIRCUITS OF 12 AWG, OR LARGER AS REQUIRED.
- THIS DRAWING SUPERCEDES DRAWING 1-0102U-E0001.

SPECIFIC NOTES:

- ① PROVIDE NEW SMOKE DETECTOR.
- ② PROVIDE NEW ALARM STROBE LIGHT.
- ③ PROVIDE NEW PULL STATION.
- ④ RELOCATE EXISTING HORN AND EOL DEVICE TO ACCOMMODATE THE INSTALLATION OF POWER DISTRIBUTION CABINETS. ADJUST/EXTEND CABLING/CONDUIT TO SUIT THE NEW LOCATION.
- ⑤ PROVIDE NEW ISOLATION MODULES.

DESIGN INTENT NOTES

- ① FAS-U203-D01 AND FAS-S-144-D02 (ON DWG. 1-0102-EFAS-S002) ARE INTENDED TO ACTIVATE DOOR RELEASE FAS-S-144-R03 AND FAS-S-144-R04 (ON DWG. 1-0102-EFAS-S002) IN THE EVENT OF A FIRE.

GROUND FLOOR PLAN

1 : 50

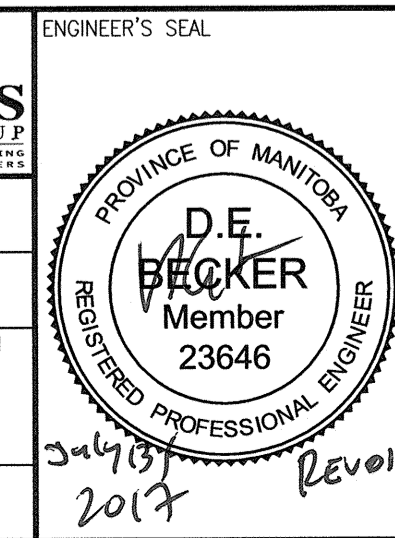


REFERENCE DRAWINGS	DESCRIPTION
1-0102-EHLC-U001	HAZARDOUS LOCATION, UV DISINFECTION BUILDING, GROUND FLOOR PLAN
1-0102-EFAS-S002	FIRE ALARM, SECONDARY CLARIFIERS 4 & 5, GROUND FLOOR PLAN
1-0102-EFAS-U002	FIRE ALARM, NOTIFICATION & DETECTION RISER DIAGRAM
1-0102-EFAS-A001	FIRE ALARM UPGRADES, LEGENDS AND DETAILS



NO.	REVISIONS	DATE	DESIGN	CHECK
01	ISSUED FOR ADDENDUM 5 - 976-2016	2017/07/14	DEB	DEB
00	ISSUED FOR CONSTRUCTION - 976-2016	2017/04/05	WE	DEB

CH2MHILL.
 SNC-LAVALIN
 DESIGNED BY: V. ELIMBAN
 CHECKED BY: E. RYCZKOWSKI
 DRAWN BY: M.J. PERSSON
 APPROVED BY: D. BECKER
 SCALE: 1:50
 ISSUED FOR CONSTRUCTION BY: J. SHUMKA
 DATE: 2015/11/20
 DATE: 2017/04/05
 CONSULTANT NO.: 474248



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 SOUTH END WATER POLLUTION CONTROL CENTRE
 SEWPCC UPGRADING/EXPANSION PROJECT
 ELECTRICAL - FIRE ALARM LAYOUT
 UV DISINFECTION BUILDING
 GROUND FLOOR PLAN
 CITY DRAWING NUMBER: 1-0102-EFAS-U001
 SHEET: 001
 REV: 01
 SIZE: A1