



SPECIFIC NOTES

- 1 PROVIDE CO DETECTOR, COMPLETE WITH SOUNDING BASE, SYNCHRONIZED TEMPORAL SOUND GENERATOR, AND END-OF-LINE RELAY SUPERVISION EQUIPMENT. PROVIDE SEPERATE 24 VDC ULG LISTED / APPROVED POWER SUPPLY TO EQUIPMENT. POWER SUPPLY TO BE LOCATED ADJACENT TO OR PART OF THE NOTIFICATION CIRCUIT POWER SUPPLY. PROVIDE WIRING RUN IN CONDUIT.

GENERAL NOTES:

- 1. DEVICE TAGS ARE SHOWN IN SHORTHAND NOTATION. FULL DEVICE TAG FORMAT IS FAS-S-xxx-yyy, WHERE xxx IS THE ROOM NUMBER, AND yyy IS THE DEVICE IDENTIFIER. REFER TO DRAWING 1-0102-EFAS-A001.
- 2. ALL REQUIRED HAZARDOUS CONDUIT SEALS ARE NOT NECESSARILY SHOWN. INSTALL AS PER CEC REQUIREMENTS.
- 3. ALL DEVICE ARE CONNECTED TO FIRE ALARM PANEL FACP-S1 LOCATED IN ELECTRICAL ROOM S108 IN THE SECONDARY CLARIFIER AREA. SEE DWG. 1-0102-EGAD-S001.

ZONE DESCRIPTION	
ZONE	DESCRIPTION
S01	SECONDARY CLARIFIER 4 & 5 BASEMENT
S02	SECONDARY CLARIFIER 4 & 5 GROUND FLOOR
S03	SECONDARY CLARIFIER 4 & 5 STAIR 1
S04	SECONDARY CLARIFIER 4 & 5 STAIR 2
S05	AIR HANDLING UNIT AHU-S640
S06	SECONDARY BUILDING LOWER LEVEL MECH RM S-B42 CARBON MONOXIDE DETECTOR (SUPERVISORY)

ZONE DESCRIPTION	
ZONE	DESCRIPTION
S07	SECONDARY BUILDING GROUND FLOOR WALKWAY S-144 CARBON MONOXIDE DETECTOR (SUPERVISORY)
S08	SECONDARY BUILDING GROUND FLOOR LOADING AREA B, S-143 CARBON MONOXIDE DETECTOR (SUPERVISORY)

REFERENCE DRAWINGS	DESCRIPTION
1-0102-EFAS-U002	FIRE ALARM, NOTIFICATION & DETECTION RISER DIAGRAM
1-0102-EFAS-S002	FIRE ALARM LAYOUT, GROUND FLOOR PLAN
1-0102-EFAS-S001	FIRE ALARM LAYOUT, BASEMENT PLAN
1-0102-EFAS-A003	FIRE ALARM, NOTIFICATION AND DETECTION CIRCUIT
1-0102-EFAS-A001	FIRE ALARM UPGRADES, LEGEND 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
 DRAWN BY: V. ELIMBAN
 SCALE: NTS
 DATE: 2015/11/17
 CONSULTANT NO.: 474248

KGS GROUP
 ENGINEER'S SEAL
 CHECKED BY: E. RYCZKOWSKI
 APPROVED BY: D. BECKER
 ISSUED FOR CONSTRUCTION BY: J. SHUMKA
 DATE: 2017/04/05

PROVINCE OF MANITOBA
D.E. BECKER
 23646
 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
 SEWPCC UPGRADING/EXPANSION PROJECT
 ELECTRICAL - FIRE ALARM
 SECONDARY CLARIFIERS 4 AND 5
 RISER DIAGRAM, DETECTION CIRCUITS

CITY DRAWING NUMBER: 1-0102-EFAS-S003
 SHEET: 001
 REV: 01
 SIZE: A1