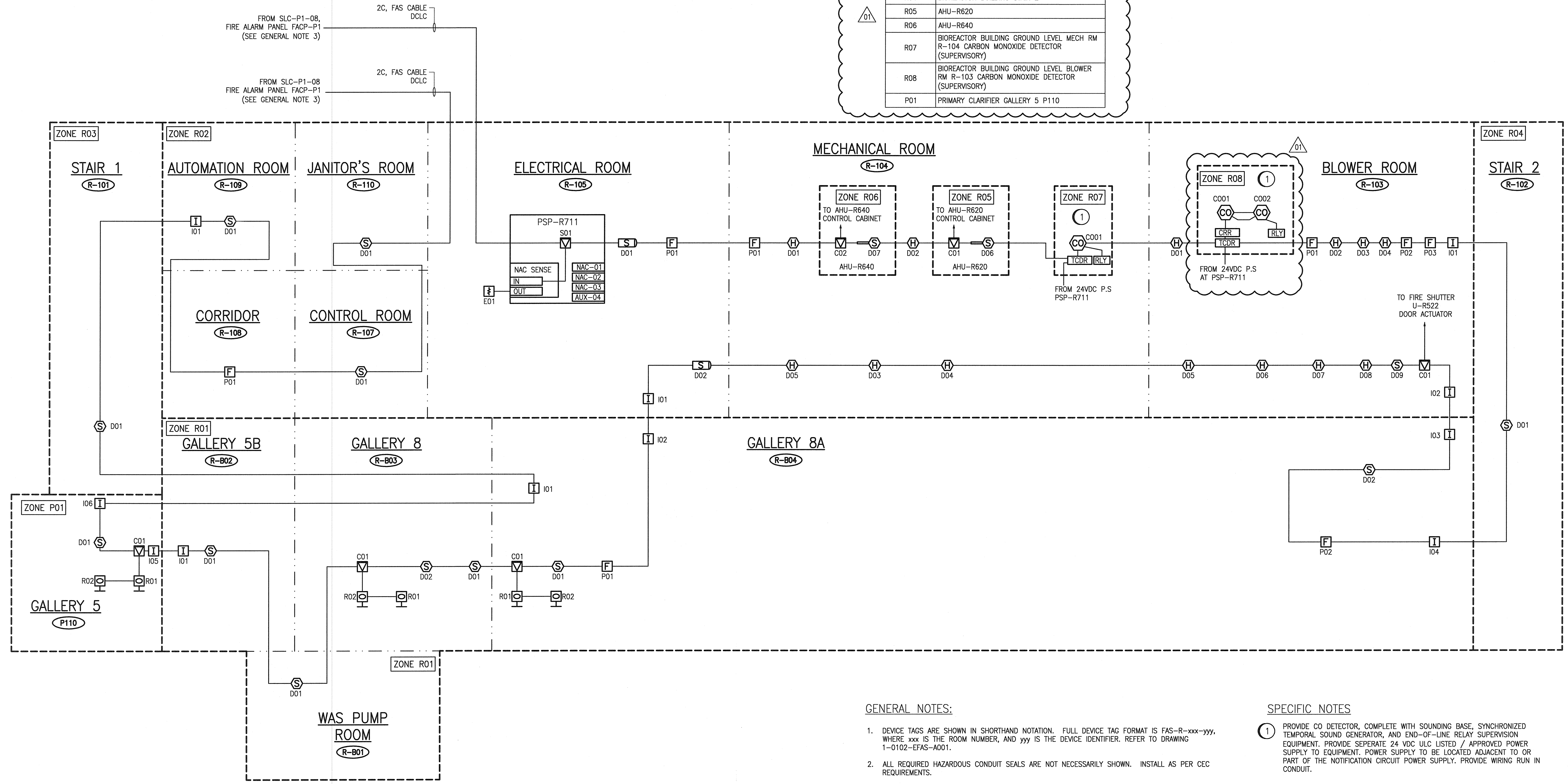


ZONE DESCRIPTION	
ZONE	DESCRIPTION
R01	BIOREACTOR BUILDING BASEMENT
R02	BIOREACTOR BUILDING GROUND FLOOR
R03	BIOREACTOR BUILDING STAIR 1
R04	BIOREACTOR BUILDING STAIR 2
R05	AHU-R620
R06	AHU-R640
R07	BIOREACTOR BUILDING GROUND LEVEL MECH RM R-104 CARBON MONOXIDE DETECTOR (SUPERVISORY)
R08	BIOREACTOR BUILDING GROUND LEVEL BLOWER RM R-103 CARBON MONOXIDE DETECTOR (SUPERVISORY)
P01	PRIMARY CLARIFIER GALLERY 5 P110



GENERAL NOTES:

1. DEVICE TAGS ARE SHOWN IN SHORTHAND NOTATION. FULL DEVICE TAG FORMAT IS FAS-R-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 PEC REQUIREMENTS.
3. ALL DEVICES ARE CONNECTED TO FIRE ALARM PANEL FACP-P1 LOCATED IN ELECTRICAL ROOM B P113A IN THE PRIMARY CLARIFIER AREA. SEE DWG 1-0102-EGAD-P002.

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 UL 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.

LAST SAVE: 2017/07/13 - 8:08am
 PATH: C:\p\work\ch2m\1-0102-EFAS-R003.dwg

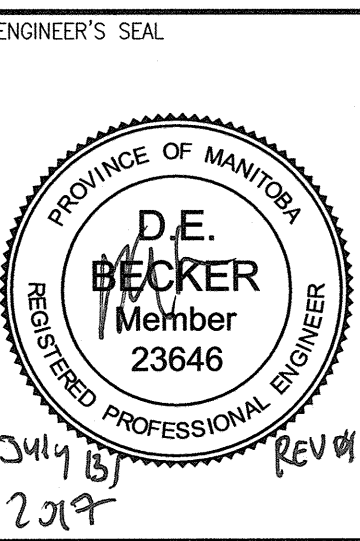
REFERENCE DRAWINGS	DESCRIPTION
1-0102-EFAS-R002	FIRE ALARM LAYOUT, GROUND FLOOR PLAN
1-0102-EFAS-R001	FIRE ALARM LAYOUT, BASEMENT PLAN
1-0102-EFAS-A001	LEGEND AND DETAILS



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: 2015/08/31
 CONSULTANT NO.: 474248

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



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
 SEWPCC UPGRADING/EXPANSION PROJECT
 ELECTRICAL - FIRE ALARM
 BIOREACTORS/BLOWER BUILDING
 RISER DIAGRAM, DETECTION CIRCUITS

CITY DRAWING NUMBER: 1-0102-EFAS-R003
 SHEET: 001
 REV: 01
 SIZE: A1