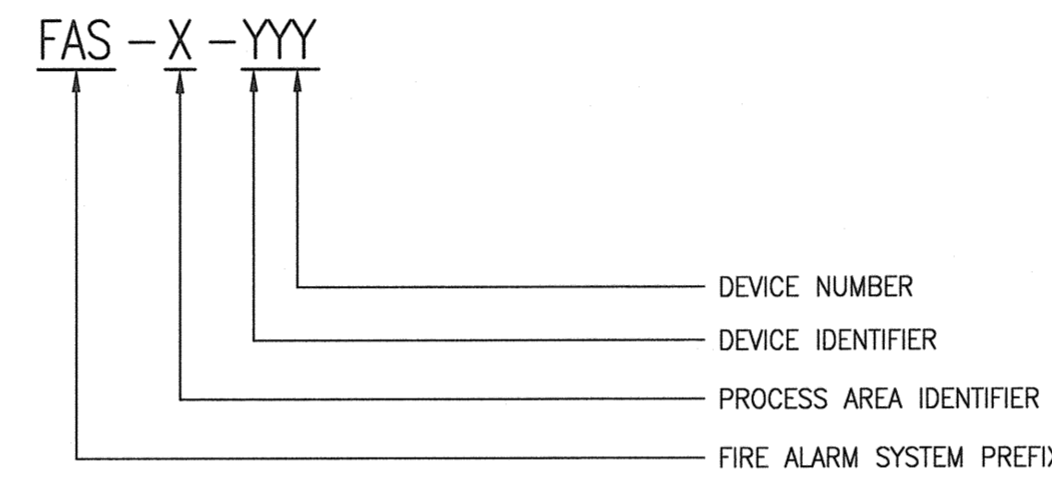


FIRE ALARM DEVICE SYMBOLS	
SYMBOL	DEVICE
	SMOKE DETECTOR
	SMOKE DETECTOR - AIR DUCT TYPE
	HEAT DETECTOR - FIXED TEMP
	HEAT DETECTOR - RATE OF RISE
	MANUAL PULL STATION
	ALARM HORN/AUDIBLE ANNUNCIATION DEVICE
	ALARM HORN W/STROBE LIGHT
	ALARM STROBE LIGHT (WALL MOUNTED)
	END OF LINE DEVICE
	CONTROL RELAY MODULE/ALARM OUTPUT DEVICE
	ALARM INPUT DEVICE (ADDRESSABLE MONITOR MODULE)

FIRE ALARM DEVICE TYPE MODIFIERS/NOTES	
STROBE LIGHTS	
	75cd
	50cd
ON DEVICES THAT ARE USER-SETTABLE, LIGHT OUTPUT IS INDICATED BESIDE THE DEVICE.	

FIRE ALARM DEVICE TAG FORMAT



NOTES:

- THE DEVICE TAG MAY BE SHORTENED TO EXCLUDE THE FIRE ALARM SYSTEM PREFIX AND THE PROCESS AREA/ROOM NUMBER ON SOME DRAWINGS WHERE CONTEXTUAL INFORMATION MAKES THESE PORTIONS OF THE TAG UNNECESSARY.

ABBREVIATION:

- FAS = FIRE ALARM SYSTEM
- FACP = FIRE ALARM CONTROL PANEL
- NAC = NOTIFICATION APPLIANCE CIRCUITS
- IDC = INITIATING DEVICE CIRCUITS
- WP = WEATHERPROOF

FIRE ALARM RISER DIAGRAM LINE TYPES	
	ZONE BOUNDARY
	ROOM BOUNDARY

ZONE DESCRIPTION	
ZONE	DESCRIPTION
M01	PUMPHOUSE LOWER LEVEL
M02	PUMPHOUSE MAIN LEVEL
M03	CHLORINE BUILDING, GALLERY AND TUNNEL SERVICE

1-0640M-E0054	ELECTRICAL EQUIPMENT PLAN, MEZZANINE LEVEL
1-0640M-E0054	FIRE ALARM PLAN, MEZZANINE LEVEL
1-0640M-E0053	FIRE ALARM PLAN, PUMPHOUSE LOWER LEVEL
DRAWING NUMBER	REFERENCE DRAWINGS



00	ISSUED FOR TENDER AND CONSTRUCTION	2019/10/18	VE	KS
NO.	REVISIONS	DATE	DESIGN	CHECK

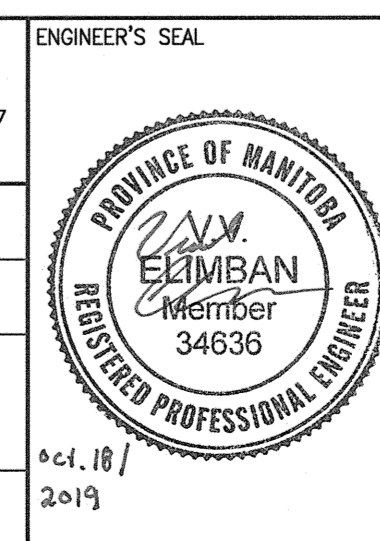
SNC-LAVALIN

148 Nature Park Way
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DESIGNED BY: V. ELIMBAN
 DRAWN BY: J. GRAGASIN
 SCALE: NTS
 DATE: 2019/07/15

CHECKED BY: K. SAPIAK
 APPROVED BY: D. BECKER
 ISSUED FOR CONSTRUCTION BY: A. WEISS
 DATE: 2019/10/18

CONSULTANT NO.:



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

MCPHILLIPS PUMPING STATION
 ELECTRICAL AND HVAC UPGRADES, MCC REPLACEMENT
 ELECTRICAL FIRE ALARM
 LEGEND AND DETAILS

CITY DRAWING NUMBER: 1-0640M-E0057
 SHEET: 001
 REV: 00
 SIZE: A1