



GENERAL NOTES

- A. PROVIDE ISOLATION MODULES ENTERING AND LEAVING EACH ZONE AS DEFINED BY THE LATEST VERSION OF THE NATIONAL BUILDING CODE, AND ULC-S524.
- B. EACH FLOOR SHALL BE FED FROM ALTERNATING SIGNAL CIRCUITS.
- C. PROVIDE CLASS A CIRCUITS FOR PUBLIC INITIATING/DETECTION DEVICE CIRCUITS.
- D. THIS FIRE ALARM RISER SHALL BE UTILIZED AS A GUIDE FOR THE CONTRACTOR TO PRICE. THE CONTRACTOR SHALL PROVIDE AN UPDATED RISER DIAGRAM AS CREATED BY THE FIRE ALARM SYSTEM MANUFACTURER TO ENSURE CODE CONFORMANCE BASED ON THEIR SYSTEM.
- E. PROVIDE A SILENCE SWITCH AT THE FACP TO DEACTIVATE THE AUDIBLE AND VISUAL SIGNAL CIRCUITS.
- F. PROVIDE A TIMER AT THE FACP TO DEACTIVATE THE AUDIBLE AND VISUAL SIGNAL CIRCUITS THROUGHOUT FOR A PRE-SET PERIOD OF TIME. THE SIGNALS WILL REACTIVATE IF THE ALARM IS NOT ADDRESSED AT THE CONTROL PANEL.
- G. PROVIDE A SWITCH AT THE FACP TO RELEASE ALL MAG-LOCKS WITHIN THE FACILITY.
- H. PROVIDE A SWITCH AT THE FACP TO RESET ALL MAG-LOCKS WITHIN THE FACILITY.
- I. FIRE ALARM REMOTE ANNUNCIATORS SHALL BE C/W DUPLICATE CONTROLS AS DESCRIBED ABOVE FOR THE MAIN FIRE ALARM CONTROL PANEL.
- J. BRANCH CIRCUIT BREAKER SUPPLYING CIRCUITS TO FIRE ALARM EQUIPMENT SHALL BE RED AND LOCKABLE.
- K. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF THE CENTRAL STATION EQUIPMENT WITH THE OWNER TO ENSURE THAT MONITORING FACILITIES ARE IN PLACE AT TIME OF OCCUPANCY.

KEY NOTES

- 1. MONITORING OF FIRE ALARM SYSTEM SHALL BE DONE BY CITY OF WINNIPEG CENTRAL MONITORING STATION. PROVIDE OUTPUT AND WIRING TO CITY OF WINNIPEG JOHNSON METASYS SYSTEM.
- 2. PROVIDE KEYSWITCH FOR RELEASE/RESET OF ALL MAG-LOCKS IN THE BUILDING. LOCATE ADJACENT FIRE ALARM PANEL.
- 3. OUTPUT TO MAG-LOCK POWER SUPPLY. MAG-LOCKS SHALL RELEASE ON FIRE ALARM SIGNAL. MAG-LOCKS SHALL BE RESET MANUALLY BY THE MAG-LOCK RELEASE/RESET SWITCH.

FIRE ALARM ZONE SCHEDULE		
ZONE#	ZONE DESCRIPTION	CONDITION
Z-01	MAIN FLOOR	ALARM
Z-02	MAIN FLOOR MECHANICAL ROOM	ALARM
ZCO-01	MAIN FLOOR CO DETECTION	TROUBLE
ZCO-02	MAIN FLOOR MECHANICAL ROOM CO DETECTION	TROUBLE
ZAHU-01	AHU UNIT DUCT DETECTOR	ALARM
ZERV-01	ERV UNIT DUCT DETECTOR	ALARM

1 FIRE ALARM RISER DIAGRAM
 E5.3 SCALE: NTS

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 revision
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OWNER

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h5a
 h5 architecture

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 Windsor Park Library
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 1201 Archibald Street

DATE
 February 28, 2016

SCALE
 12" = 1'-0"

fire alarm riser
 diagram
E5.3