



NOTES :

SYMBOL LEGEND	
(B)	FIRE ALARM BELL
(S)	SMOKE DETECTOR
(F)	MANUAL PULL STATION
(HK)	FIRE ALARM HORN / STROBE
(M)	MAGNETIC HOLD OPEN
E	EXISTING DEVICE TO REMAIN
ER	EXISTING TO BE REMOVED

APEGM
 Certificate of Authorization
Woods Engineering
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DRAWING NOTES

- ① VISIT THE SITE AND CONFIRM ALL EXISTING DEVICES. NOT EVERY DEVICE IS INDICATED. INCLUDE ALL COSTS FOR REMOVAL OF EXISTING DEVICES AND UNUSED CONDUIT AND WIRING, AND FOR EXTENDING CIRCUITS AS REQUIRED TO ENSURE CONTINUITY OF EXISTING FIRE ALARM SIGNAL AND DEVICE CIRCUITS ON OTHER FLOORS.
- ② WHERE REMOVAL OF DEVICES EXPOSES A JUNCTION OR PULL BOX WHICH MUST REMAIN IN SERVICE, PROVIDE A STAINLESS STEEL COVERPLATE OF SUITABLE SIZE (OR A COVERPLATE OF MATERIAL AND COLOUR AS DIRECTED BY THE CONTRACT ADMINISTRATOR).
- ③ WHERE DEVICES ARE LOCATED ON CONCRETE OR MASONRY WALLS, PROVIDE WIRING IN CEILING SPACE AND A VERTICAL RUN, NOT LONGER THAN 1' FROM FINISHED CEILING, OF SUITABLY SIZED WIREMOLD WITH A MATCHING SQUARE OR RECTANGULAR WIREMOLD OUTLET BOX TO SUIT. PAINT WIREMOLD TO MATCH WALL - AND/OR DEVICE - AS DIRECTED ON SITE.
- ④ EXCEPT WHERE NOTED, ALL WIRING SHALL BE CONCEALED IN ACCESSIBLE CEILING OR IN WALLS. EMT CONDUIT SHALL BE USED, EXCEPT WHERE DEVICE IS LOCATED ON ACCESSIBLE CEILING, WHERE SECUREX CABLE MAY BE USED FROM JUNCTION BOX AT CEILING (WITHIN 5' OF DEVICE) TO DEVICE. CLIP AND SUPPORT CABLE AND ALL CONDUIT INDEPENDENT OF CEILING SUPPORT SYSTEM.
- ⑤ THE FIRE ALARM SYSTEM FOR THE BUILDING SHALL REMAIN OPERABLE FOR THE DURATION OF CONSTRUCTION. MAKE ALL NECESSARY TEMPORARY CONNECTIONS TO ENSURE THAT THE SYSTEM IS NOT COMPROMISED. WHERE THE SYSTEM MUST BE INTERRUPTED, PROVIDE 72 HOUR WRITTEN NOTICE TO THE CONTRACT ADMINISTRATOR - AND DO NOT PROCEED WITHOUT APPROVAL.
- ⑥ THE EXISTING FIRE ALARM PANELS ARE LOCATED IN THE BASEMENT ELECTRICAL ROOM, AT OR NEAR GRID 6-B. ALL FIRE ALARM SYSTEM HOMERUNS WILL RUN THROUGH RISER LOCATIONS TO CRAWLSPACE, AND HORIZONTALLY THROUGH THE CRAWLSPACE TO THE PANELS. BE RESPONSIBLE FOR ANY REQUIRED PENETRATION OF WALLS AND FLOORS IN ORDER TO INSTALL CONDUITS FOR ENTIRE ROUTE. CONFIRM EXACT ROUTING ON SITE BEFORE ROUGH-IN.
- ⑦ ASBESTOS FIREPROOFING MATERIALS ARE PRESENT IN THE CEILING SPACES OF THE BASEMENT AND MAIN FLOOR. AVOID THESE AREAS WHEREVER POSSIBLE. CONTACT THE CONTRACT ADMINISTRATOR BEFORE ATTEMPTING TO ACCESS ANY AREA CONTAINING ASBESTOS PRIOR TO COMMENCING WORK.
- ⑧ NEW CONDUIT RISERS ARE INTENDED TO ALLOW FOR FUTURE EXTENSION OF SYSTEM TO THE MAIN FLOOR AND FLOORS 3 TO PENTHOUSE. CONFIRM CONDUIT SIZE WITH FIRE ALARM MANUFACTURER BEFORE STARTING CONSTRUCTION. SEE RISER DIAGRAM, DRAWING F-2 FOR ADDITIONAL DETAILS.
- ⑨ AS A MINIMUM, THE DETECTION "HOMERUN" (FROM 2ND FLOOR TO MAIN FIRE ALARM PANEL) SHALL CONTAIN 4 - DETECTION CABLES - #18 WITH OVERALL JACKET. LEAVE 3' OF SPARE CABLE AT EACH END OF THREE SPARE CABLES - CAP-OFF AND MAKE SAFE. NUMBER AND MARK AS SPARE CABLES.
- ⑩ AS A MINIMUM, EACH OF TWO SIGNAL CIRCUIT "HOMERUNS" (FROM 2ND TO MAIN FIRE ALARM PANEL) SHALL CONTAIN FOUR CABLES (2#12 WITH OVERALL JACKET), THREE SPARE CABLES IN EACH. NUMBER AND MARK AS SPARE CABLES.
- ⑪ TWO SIGNAL CIRCUITS SHALL BE PROVIDED, AS LABELED "A" AND "B" ON THIS DRAWING. THESE SHALL BE EXTENDED, IN THE FUTURE TO THE 3RD FLOOR FOR SIGNAL CIRCUITS THERE.
- ⑫ RISER LOCATIONS 1 AND 2: PROVIDE HOLES THROUGH THE STEEL FLOOR PLATES AS REQUIRED, AND IN ACCORDANCE WITH ANY INSTRUCTION FROM THE CONTRACT ADMINISTRATOR. ENSURE THAT JUNCTION AND PULL BOXES REMAIN ACCESSIBLE, AND THAT NEW CONDUIT RISERS DO NOT INTERFERE WITH EXISTING EQUIPMENT OR OTHER WORK IN THE RISER ROOMS. COORDINATE INSTALLATION OF SAME WITH SPRINKLER SUPPLIER AND EQUIPMENT PROVIDED BY THEM.
- ⑬ IN THESE LOCATIONS, EXISTING CONDUIT IN MASONRY WALL SHALL BE RE-USED TO EXTEND CIRCUIT FOR NEW MANUAL PULL STATION. CAREFULLY INSTALL NEW CABLE, WITH EXISTING SIGNAL (AND DETECTION) RISER CABLES.
- ⑭ EXISTING "PHASE 1" SMOKE DETECTOR SHALL BE REPLACED WITH NEW ADDRESSABLE SMOKE DETECTOR AND CONNECTED TO NEW DETECTION 'LOOP' THIS FLOOR.
- ⑮ ALL DEVICES SHOWN ON THIS DRAWING, AND CONDUIT AND WIRING THERETO ARE NEW, EXCEPT WHERE INDICATED. ALL NEW DETECTION SHALL BE ADDRESSABLE.

NO.	REVISION/DESCRIPTION	BY	DATE
SEALS			

DRAWN BY	CHECKED BY	APPROVED
JCW	USER APPROVAL	

CITY OF WINNIPEG
 PLANNING, PROPERTY &
 DEVELOPMENT DEPARTMENT
 CIVIC ACCOMMODATIONS DIVISION
 300 - 65 GARRY ST. R3C 4K4

PROJECT
ADMINISTRATION BUILDING
SECOND FLOOR RENOVATIONS
CONVERSION TO OFFICE AREA

510 MAIN STREET
 SHEET TITLE

SECOND FLOOR PLAN
FIRE ALARM

SCALE	PROJECT NO.	SHEET NO.
AS NOTED	2004-180-06	F-1