



1 SYSTEMS PLAN
E2.21 1:100

FIRE ALARM SYSTEM GENERAL NOTE:

1. TEST AND VERIFY ALL FIRE ALARM DEVICES AS PART OF THIS SCOPE OF WORK. INCLUDE FOR ALL COSTS TO COMPLETE THE VERIFICATION AS PER CAN/ULC S537.
2. ALL FIRE ALARM DEVICES TO BE CONNECTED TO EXISTING FIRE ALARM PANEL IN ROOM A105.

SECURITY SYSTEMS GENERAL NOTE:

1. EXISTING SECURITY SYSTEM IS SENSTAR.
2. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL ALL SECURITY DEVICES, ACCESSORIES, PANELS, WIRING, CONDUIT, PROGRAMMING, COMMISSIONING AND ALL NECESSARY ACCESSORIES ETC FOR A FULLY FUNCTIONAL AND OPERATING SECURITY SYSTEM. COORDINATE ADDITIONAL REQUIREMENTS WITH MANUFACTURER'S REPRESENTATIVE.
3. RETAIN MANUFACTURER'S REPRESENTATIVE FOR PROGRAMMING AND COMMISSIONING OF SECURITY SYSTEM.
4. CABLE AND DEVICES INSTALLATION, IDENTIFICATION AND TERMINATION SHALL BE PROVIDED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.
5. COORDINATE CCTV CAMERA MOUNTING AND AIMING ON SITE WITH OTHER TRADES TO ENSURE CLEAR CAMERA VIEW.
6. PROVIDE ONE CATEGORY 6 CABLE FROM EACH CCTV CAMERA TO SECURITY CABINET IN ELECTRONIC EQUIPMENT ROOM P106a.
7. PROVIDE TWO CATEGORY 6 CABLES FROM MONITORS M-1 AND M-2 TO SECURITY CABINET IN ELECTRONIC EQUIPMENT ROOM P106a.
8. ALL WIRING INCLUDING LOW AND LINE VOLTAGE TO BE IN EMT CONDUITS. PROVIDE FLOOR TRENCH TO THE NEAREST FULL HEIGHT PARTITION WHERE REQUIRED FOR CONDUITS RUNNING THROUGH THE FLOOR.

INTERCOM SYSTEM GENERAL NOTE:

1. PROVIDE FULLY FUNCTION INTERCOM SYSTEM. PROVIDE ALL DEVICES, ADAPTER, CENTRAL CONTROL UNITS AND WIRING ETC AS REQUIRED. MOUNT ADDITIONAL CONTROL UNIT IN SECURITY RACK IN ELECTRONIC EQUIPMENT ROOM P106a ON GROUND FLOOR.
2. ALL WIRING TO BE IN EMT CONDUITS. PROVIDE FLOOR TRENCH TO THE NEAREST FULL HEIGHT PARTITION WHERE REQUIRED FOR CONDUITS RUNNING THROUGH THE FLOOR.

PUBLIC ADDRESS SYSTEM GENERAL NOTE:

1. PROVIDE FULLY FUNCTION PUBLIC ADDRESS SYSTEM. PROVIDE ALL DEVICES, ADAPTER, CENTRAL CONTROL UNITS AND WIRING ETC AS REQUIRED. MOUNT ADDITIONAL CONTROL UNIT IN SECURITY RACK IN ELECTRONIC EQUIPMENT ROOM P106a ON GROUND FLOOR.
2. ALL PUBLIC ADDRESS SPEAKERS WITHIN THE GROUND FLOOR TO BE CONNECTED TO ZONE 1.
2. ALL WIRING TO BE IN EMT CONDUITS.

KEYNOTE:

1. REMOTE FIRE ALARM ANNUNCIATOR C/W FULL ACTIVE GRAPHIC TO BE CONNECTED INTO FIRE ALARM PANEL LOCATED IN ROOM A105
2. PROVIDE HEAT DETECTOR WITHIN 2 FT OF SPRINKLER HEAD IN ELEVATOR MACHINE ROOM TO SHUT DOWN ELEVATOR POWER PRIOR TO SPRINKLER OPERATION. HEAT DETECTOR TO HAVE LOWER TEMPERATURE RATING AND HIGH SENSITIVITY AS COMPARED TO THE SPRINKLER. COORDINATE WITH SPRINKLER CONTRACTOR AND ELEVATOR INSTALLER FOR ADDITIONAL REQUIREMENTS TO ENSURE PROPER ELEVATOR POWER SHUTDOWN AND RECALL.
3. PROVIDE COLOUR VIDEO MASTER CONTROL STATION FOR INTERCOM SYSTEM MOUNTED AT PRINCIPAL ENTRANCE CONTROL POST DESK.

DIALOG™

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01	ISSUED FOR BID	2013/10/04
revision		date

Do not scale drawings
Verify all dimensions and conditions on site and
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A	detail no. no. du détail
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C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet

GRAND VALLEY INSTITUTION FOR WOMEN
1575 HOMER WATSON BLVD.
KITCHENER, ONTARIO, N2P 2C5

PRINCIPAL ENTRANCE BUILDING

drawing title
titre du dessin

**GROUND FLOOR
SYSTEMS PLAN PEB**

drawn by
dessiné par

Author

designed by
conçu par

Designer

approved by
approuvé par

Approver

bid
offre
RP
project manager
administrateur
de projets

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