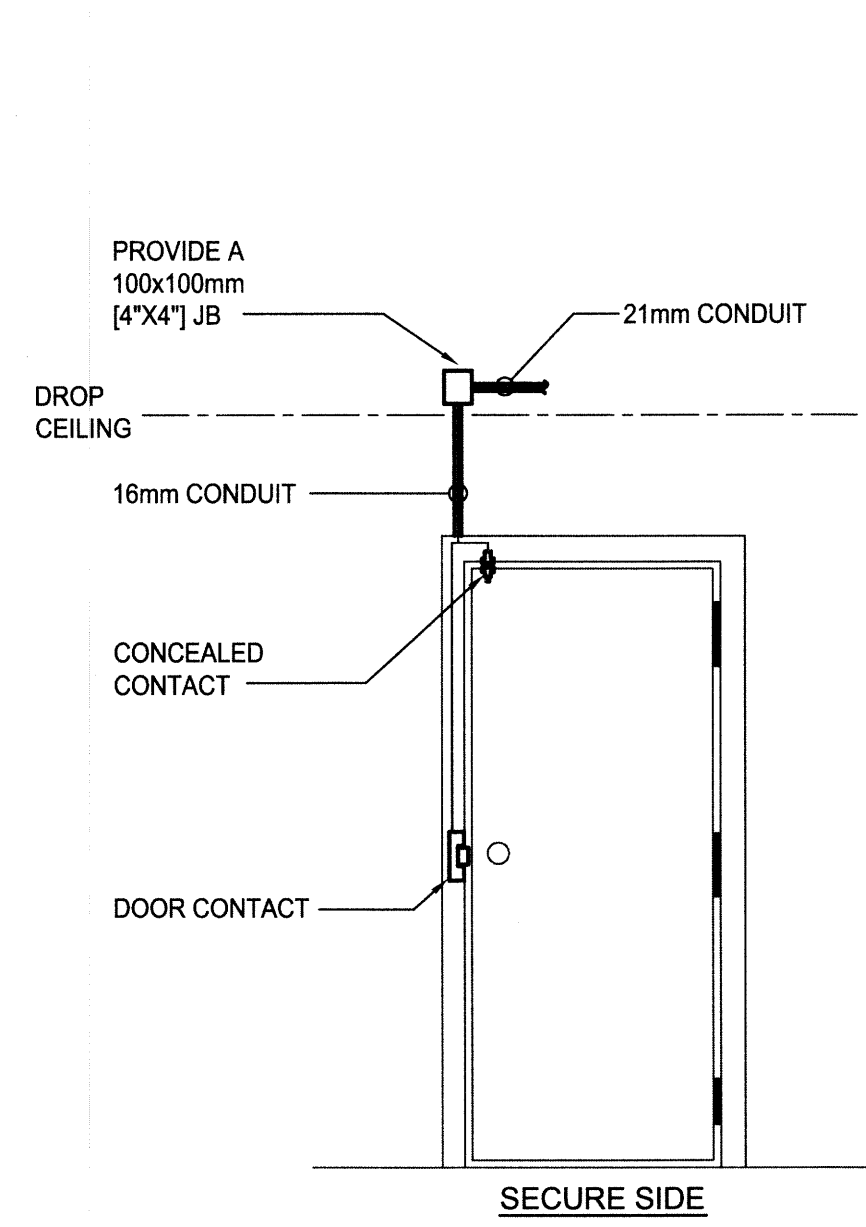
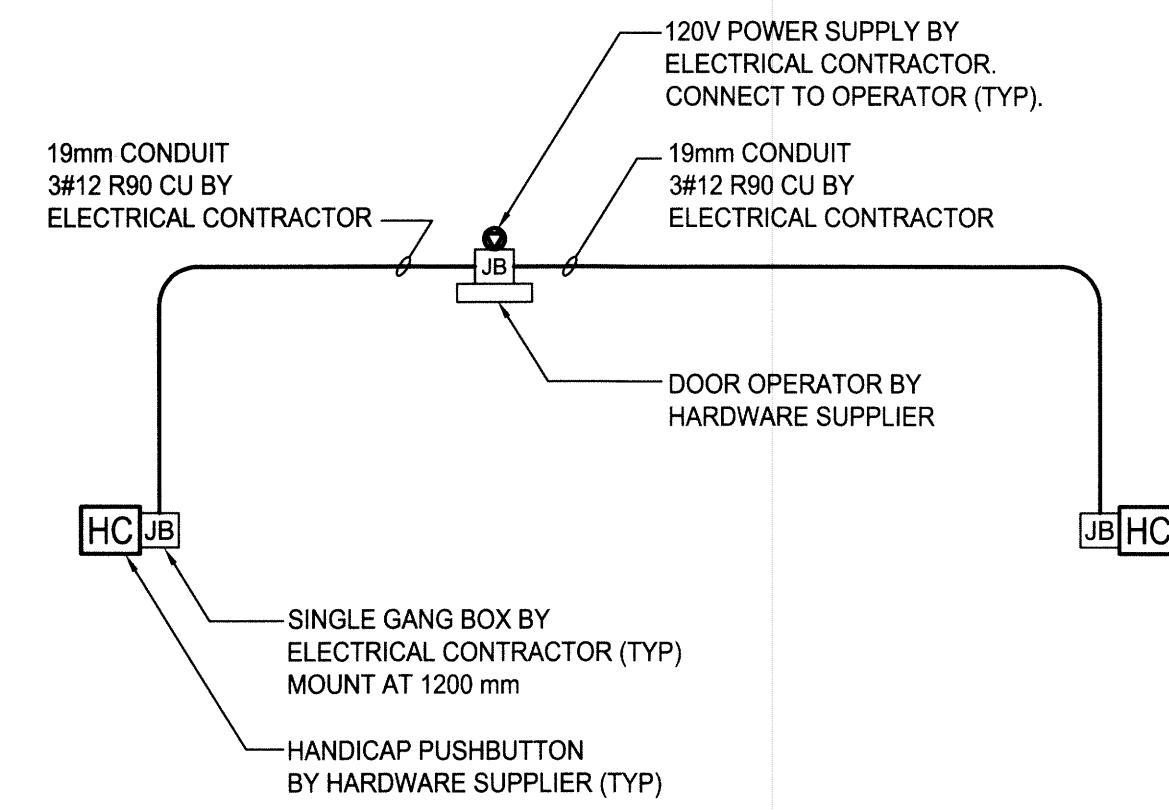


NOTES:

- COORDINATE WITH MECHANICAL CONTRACTOR TO TIE IN THE CEILING FAN CONTROL PANEL INTO THE DOC.



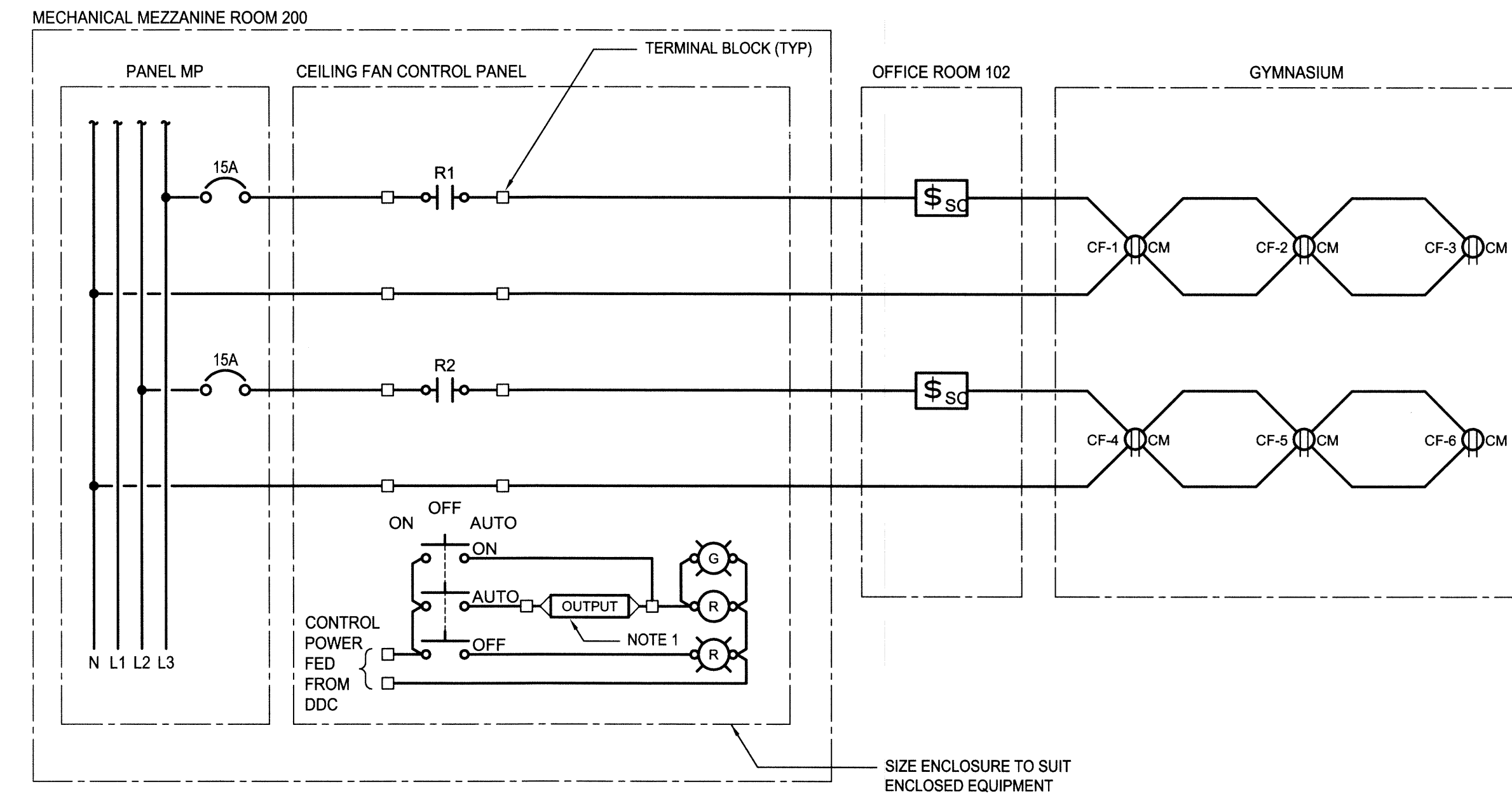
A TYPICAL SINGLE DOOR DETAIL
N.T.S.



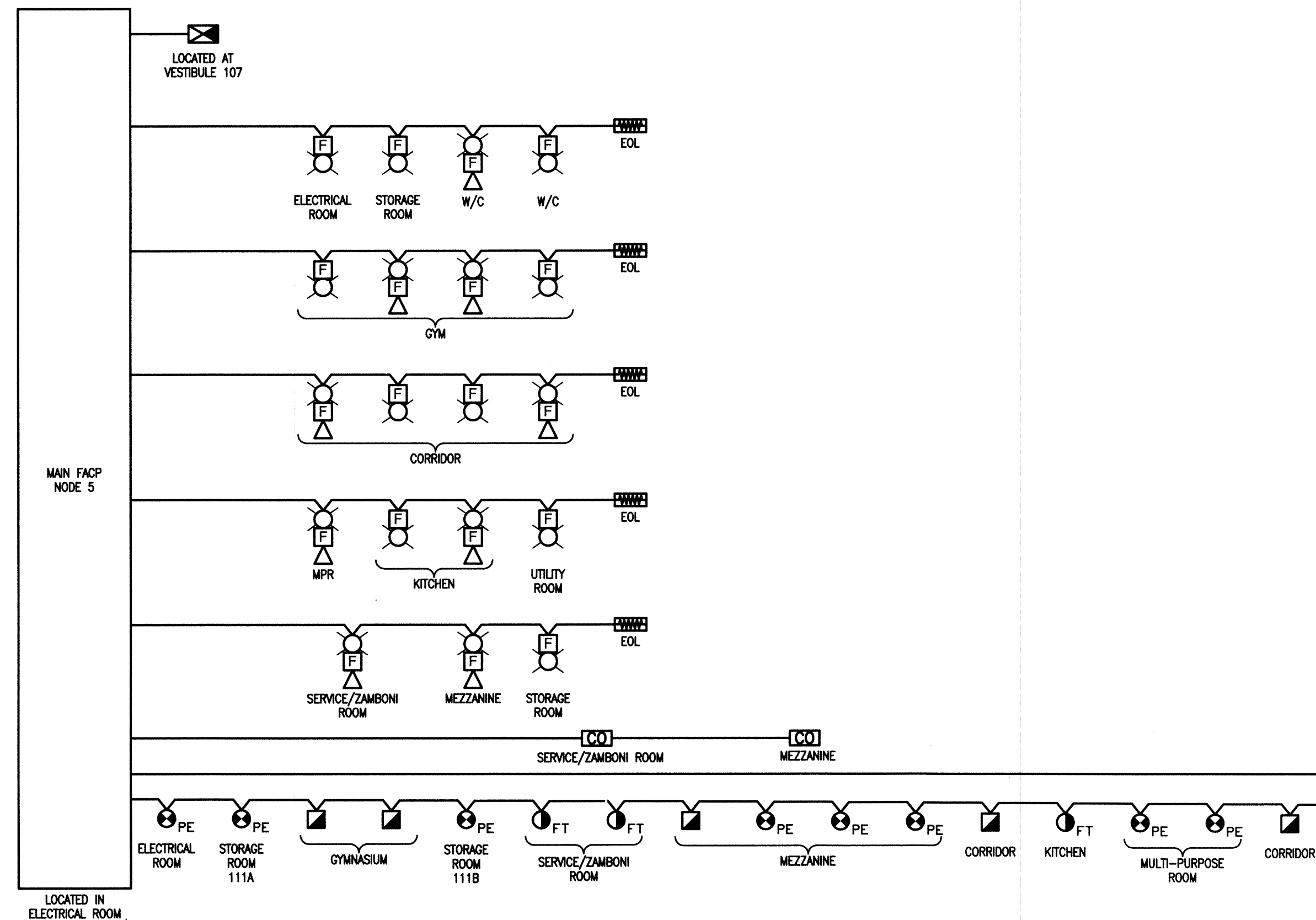
DETAIL 'B' NOTES:

- CONTRACTOR SHALL MAKE ALL CONNECTIONS AND INSTALL ALL DEVICES AS SUPPLIED BY THE HARDWARE CONTRACTOR. INCLUDE ALL LOW VOLTAGE WIRING.

B TYPICAL DOOR OPERATOR DETAIL
N.T.S.



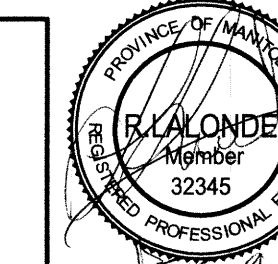
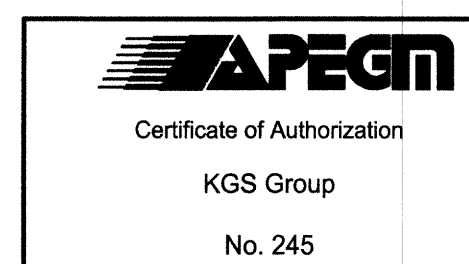
C GYMNASIUM CEILING FAN CONTROL DETAIL
N.T.S.



D FIRE ALARM RISER DIAGRAM
N.T.S.

FIRE ALARM RISER DIAGRAM NOTES:

- FIRE ALARM SYSTEM TO BE A FULLY ADDRESSABLE SYSTEM.
- CONTRACTOR SHALL WIRE ALL FIRE ALARM SYSTEM ADDRESSABLE CIRCUITS WITH A CLASS 'A' ORIENTATION. NO ADDRESSABLE LOOP CIRCUIT SHALL BE LOADED MORE THAN 80% PER CIRCUIT.
- CONTRACTOR SHALL PROVIDE AN ISOLATION MODULE ON EACH SIDE OF A WALL OR FLOOR FIRE SEPARATION TO ENSURE SHORT CIRCUIT ISOLATION IS PRESENT THROUGHOUT ENTIRE LOOP CIRCUIT.
- RISER DIAGRAM IS DIAGRAMMATICAL ONLY. WIRING PATH AND CONNECTIONS BETWEEN DEVICES TO BE AS REQUIRED TO SUIT THE LOCATION OF DEVICES IN THE FIELD. QUANTITY OF DEVICES INSTALLED PER ADDRESSABLE LOOP SHALL BE CONFIRMED WITH MANUFACTURERS REQUIREMENTS AND POWER LOADING.
- ALL FIRE ALARM DEVICES SHALL BE INSTALLED AS PER CAN/ULC S524 AND FULL VERIFICATION AS PER CAN/ULC S537.
- FIRE ALARM VERIFICATION REPORT AND CERTIFICATE OF VERIFICATION SHALL BE SUBMITTED TO THE ELECTRICAL CONSULTANT FOR REVIEW AND APPROVAL.
- ALL BREAKERS REQUIRED FOR THE NEW FIRE ALARM SYSTEM SHALL BE PAINTED RED AND BE LOCKABLE IN THE 'ON' POSITION. ALL JUNCTION BOX COVERS SHALL BE PAINTED RED AND LABELED WITH ITS FUNCTION.
- THE CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS FOR ALL INSTALLATIONS. ALL ISOLATION MODULES SHALL BE INSTALLED IN SEPARATE ENCLOSURES (EXCEPT WHERE NOTED OTHERWISE) AND BE LOCATED IN ACCESSIBLE AND VISIBLE LOCATIONS. EACH SEPARATE ENCLOSURE SHALL BE RATED FOR THE HAZARDOUS ENVIRONMENT IN WHICH IT IS INSTALLED.
- CONTRACTOR SHALL PROVIDE A DETAILED 'AS BUILT' MARKED UP DRAWING ON COMPLETION OF THE PROJECT THIS DRAWING SHALL SHOW THE LOCATIONS AND TYPES OF ALL THE DEVICES INVOLVED IN THE FIRE ALARM SYSTEM INCLUDING ALL INITIATING DEVICE, ANCILLARY DEVICES, SIGNALING DEVICES, AND ALL OTHER EQUIPMENT SUCH AS MODULES, RELAYS, ELECTRICAL PANELS, AND CIRCUIT NUMBERS.
- CONTRACTOR SHALL MARKUP THE RISER DIAGRAM IDENTIFYING ANY CHANGES MADE IN THE FIELD AND INDICATE THE ASSIGNED ADDRESSES OF ALL THE COMPONENTS.
- FOR CLASS A CIRCUITS, THE PRIMARY AND ALTERNATIVE WIRING CIRCUITS SHALL BE SEPARATED BY A MINIMUM OF 12" (300mm) WHEN INSTALLED VERTICAL AND MINIM 4'-0" (1200mm) WHEN INSTALLED HORIZONTALLY. CONTRACTOR TO REFER TO CAN/ULC S524 FOR FURTHER DETAILS.



Sheet No: **E303**

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Project:
EAST ELMWOOD COMMUNITY CENTRE
490 KEELWATER SIDE,
WINNIPEG, MB
Project Number: 2013-041
Bid Opportunity Number: 748-2013

Drawing Title:
DETAILS AND FIRE ALARM RISER

Issue/Revision Date
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Design By: CJS
Date: 2013.11.07
Design Check: [Signature]
Date: 2013.12.09
Drawn By: LAC
Date: 2013.11.07
DWG Check: [Signature]
Date: 2013.12.09