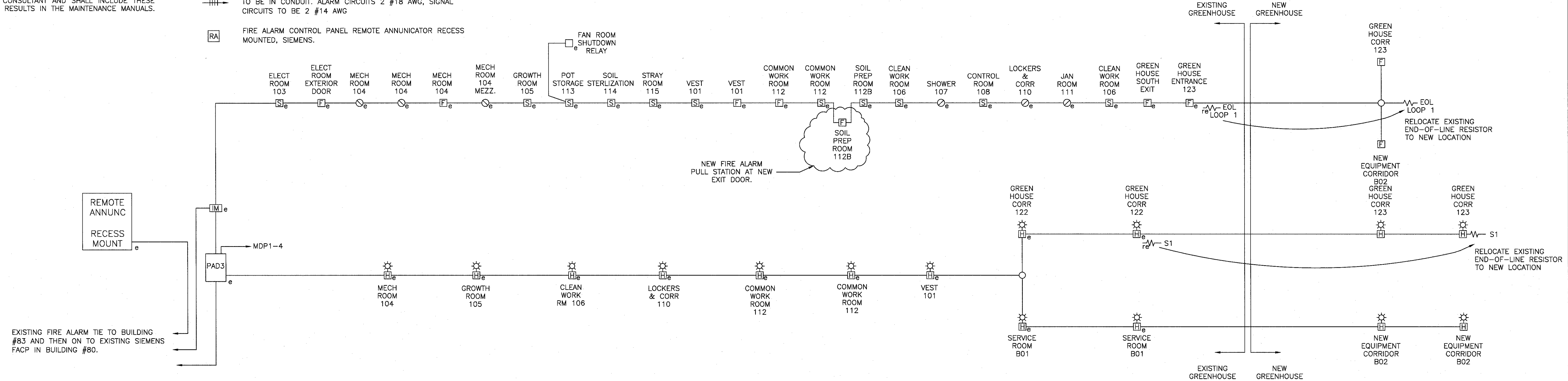


NOTES:

- 1.) ALL FIRE ALARM WIRING IS TO BE IN EMT CONDUIT.
- 2.) ALARM CIRCUIT WIRING SHALL BE A MINIMUM 18 AWG TWISTED SHIELDED PAIR IN CONDUIT.
- 3.) SIGNAL CIRCUIT WIRING SHALL BE A MINIMUM 2 #14 AWG IN CONDUIT.
- 4.) ANNUNCIATOR CABLE TO BE TWO (2) X 1PR TWISTED SHIELDED PLUS 2 #14.
- 5.) ALL NEW FIRE ALARM DEVICES SHALL BE INSTALLED, VERIFIED AND CERTIFIED BY A FACTORY CERTIFIED SIEMENS TECHNICIAN.
- 6.) CONTRACTOR SHALL PROVIDE CERTIFICATION TEST REPORTS TO THE OWNER AND CONSULTANT AND SHALL INCLUDE THESE TEST RESULTS IN THE MAINTENANCE MANUALS.

FIRE ALARM SYSTEM LEGEND

- ⊙ ADDRESSABLE HEAT DETECTOR (15 DEGREES F PER MINUTE) AND FIXED TEMPERATURE (135 DEGREES F). SIEMENS, FPT-11
- ADDRESSABLE HEAT DETECTOR FIXED TEMP. SIEMENS, FPT-11.
- ⊞ ADDRESSABLE FIRE ALARM MANUAL PULL STATION. SIEMENS, MS SERIES
- ⊞ ADDRESSABLE SMOKE DETECTOR IONIZATION TYPE. SIEMENS, #FP-11
- ⊞ ADDRESSABLE FIRE ALARM HORN OR HORN-STROBE COMBINATION, SIEMENS, Z SERIES.
- END OF LINE RESISTOR — MOUNTED IN SINGLE GANG DEVICE BOX C/W COVERPLATE
- HOME RUN TO FIRE ALARM CONTROL PANEL. FIRE ALARM WIRING TO BE IN CONDUIT. ALARM CIRCUITS 2 #18 AWG, SIGNAL CIRCUITS TO BE 2 #14 AWG
- RA FIRE ALARM CONTROL PANEL REMOTE ANNUNCIATOR RECESS MOUNTED, SIEMENS.



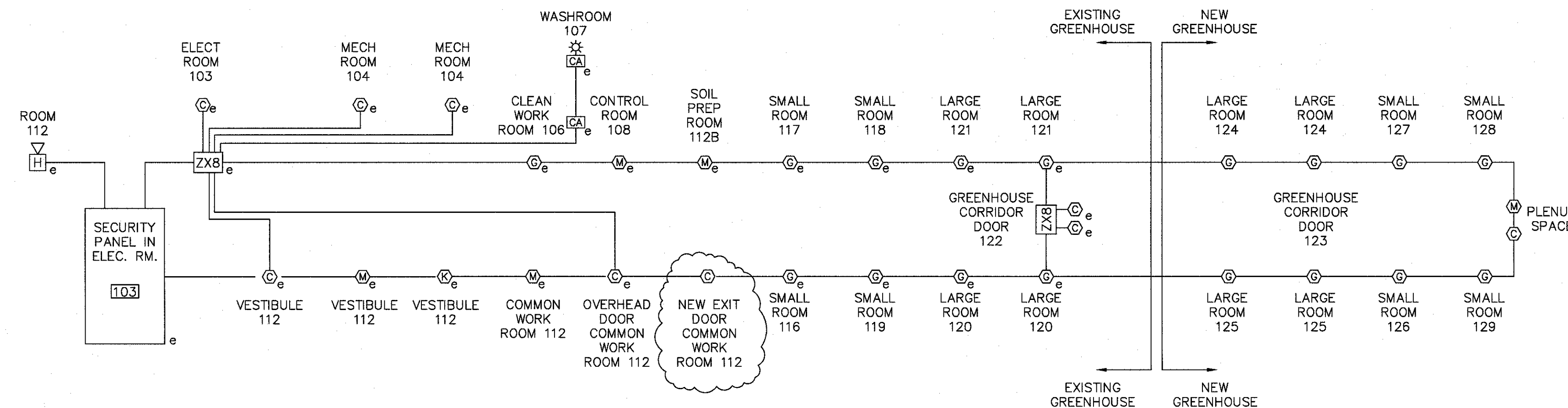
FIRE ALARM RISER DIAGRAM
SCALE: NOT TO SCALE

SECURITY SPECIFICATIONS

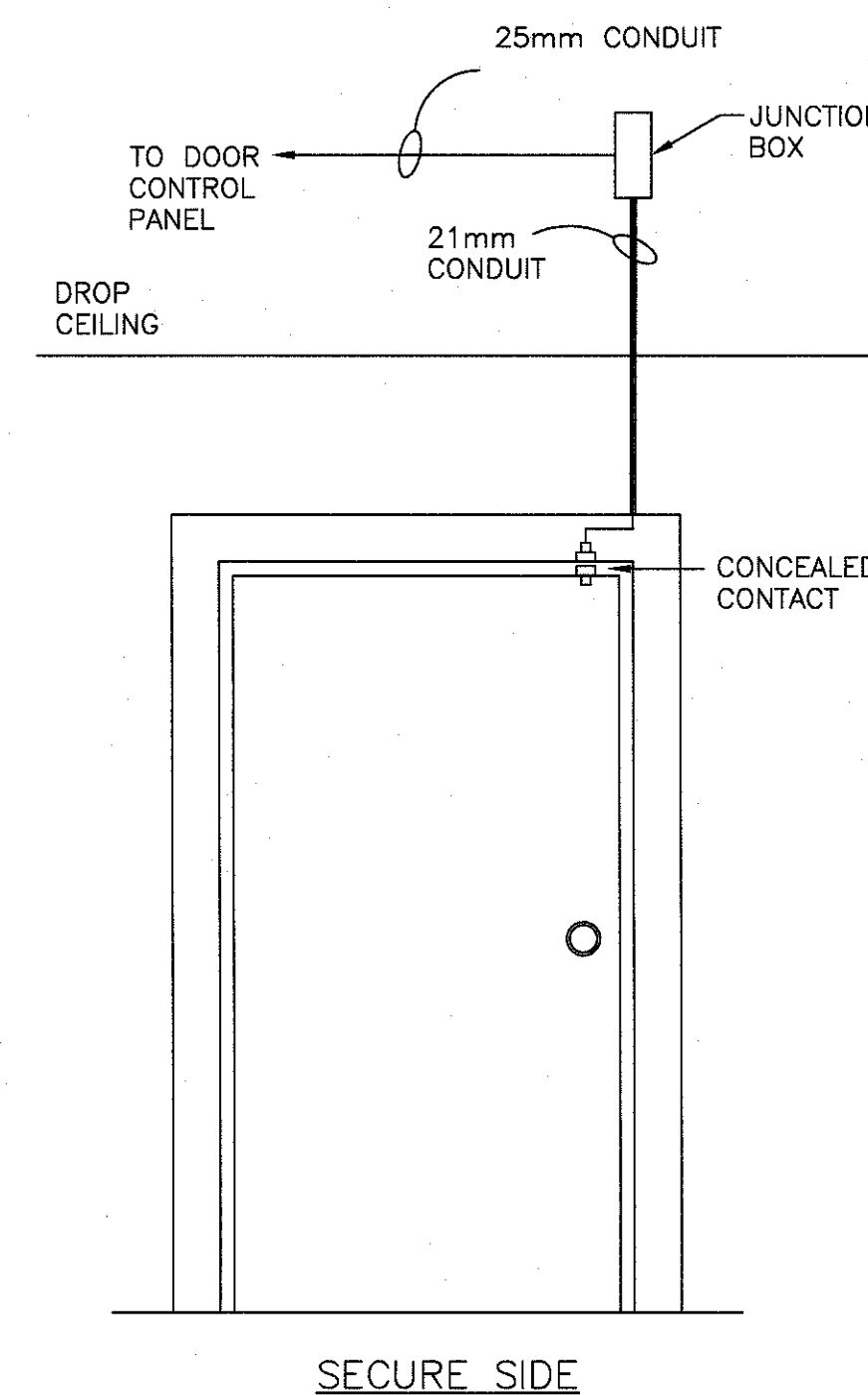
1. PROVIDE INFRASTRUCTURE WIRING FOR ADDRESSABLE TYPE SECURITY SYSTEM AS INDICATED ON THE SCHEMATIC AND AS SHOWN ON FLOOR PLAN DRAWING.
2. ALL SECURITY DEVICES WILL BE SUPPLIED AND INSTALLED BY THIS CONTRACTOR AND SHALL MATCH THE EXISTING SECURITY SYSTEM COMPONENTS. CONTRACTOR TO ENSURE WIRING AND CONDUIT INFRASTRUCTURE MEETS THE REQUIREMENTS OF THE SYSTEM TO BE PROVIDED.
3. WIRING USED SHALL BE 22 GAUGE FT-4, 4 CONDUCTOR STATION WIRE (QUAD CABLE), WHITE COLOR
4. ALL WIRING TO BE IN CONDUIT.

SECURITY SYSTEM LEGEND

- ⊙ ADDRESSABLE QUAD ELEMENT PIR MOTION DETECTOR
- ⊙ KEY PAD, ADECO (HONEYWELL) ALFA DISPLAY MODEL #6160
- ⊙ MAN DOOR MAGNETIC CONTACT
- ⊙ OVERHEAD DOOR CONTACT, SENTROL #2727A
- ⊙ PULL CORD DURESS ALARM
- ⊙ GLASS BREAK DETECTOR, TO MATCH EXISTING
- ZXB ADDRESSABLE 8 ZONE MODULE, PARADOX, #ZXB
- ⊙ ALARM HORN
- SECURITY CONTROL PANEL



SECURITY RISER DIAGRAM
SCALE: NOT TO SCALE



EQUIPMENT BY DIVISION 16:
— 2"x4" J.BOX (1110) WITH COVER.
— 2"x4" BACKBOX.
— CONDUIT.
— ALL OTHER HARDWARE.

TYPICAL SINGLE DOOR DETAIL
c/w CONTACT
SCALE: NOT TO SCALE

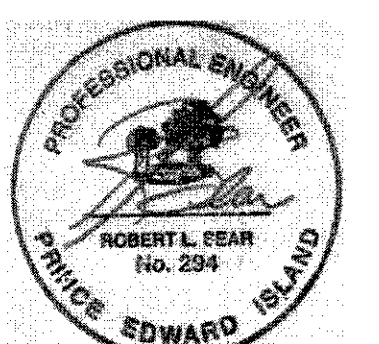
DESIGN BUILDER:



ARCHITECT:

ARCHITECTURE 49

1-410 MOUNT EDWARD ROAD
CHARLOTTETOWN PE CANADA C1A 2A1
TEL: 902-367-4646 | FAX: 902-367-4647 | ARCHITECTURE49.COM



03	ISSUED FOR TENDER	19/10/15
02	99% design submission	16/10/15
01	66% design submission	16/09/15

revisions	date
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project	date
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AAFC GREENHOUSE
EXPANSION
HARRINGTON RESEARCH
FARM
HARRINGTON, PEI

drawing dessin

FIRE ALARM &
SECURITY DETAILS

designed conçu

date MDM dessiné

date SEPTEMBER, 2015

approved approuvé

date

Tender Soumission

PMSC Project Manager Administrateur de projets TPSCG

project number no. du projet

R.072545.001

drawing no. no. du dessin

E5 of 5