

PLOT DATE: October 21, 2016, TIME: 10:42 AM, FULL PATH AND FILENAME: P:\RCMP\_PROJECTS\NCCA16012199 RCMP ROCKY MOUNTAIN HOUSE RENOVATIONS\ROCKY MOUNTAIN HOUSE\DRAWINGS\ELECTRICAL\SHEETS\E10-00-00.DWG, PLOTSYCLE TABLE: ----

LEGEND OF SYMBOLS

OCT 2014

POWER		RR	RATE OF RISE HEAT DETECTOR	PS	FIRE ALARM PULL STATION	F	FIRE ALARM STROBE
ELECTRICAL PANELBOARD - SURFACE MOUNTED		135	FIXED HIGH TEMPERATURE 135°F HEAT DETECTOR (58°C)	F	FIRE ALARM BELL	IM	ISOLATION MODULE
FIRE ALARM			DUCT SMOKE DETECTOR - 'SA' DENOTES SUPPLY AIR, 'RA' DENOTES RETURN AIR	F	FIRE ALARM COMBINATION BELL AND STROBE	CM	CONTROL MODULE
SMOKE DETECTOR		FE	FIRE EXTINGUISHER	F	FIRE ALARM COMBINATION HORN AND STROBE		

LIST OF DRAWINGS

Sheet Number	Sheet Title
E10-00-00	DEMOLITION FIRE ALARM PLAN - BASEMENT
E10-00-01	DEMOLITION FIRE ALARM PLAN - MAIN FLOOR
E20-00-00	NEW FIRE ALARM PLAN - BASEMENT
E20-00-01	NEW FIRE ALARM PLAN - MAIN FLOOR
E30-00-00	ELECTRICAL DETAILS

GENERAL NOTES:

- A. EXISTING FIRE ALARM SYSTEM IS AN ANALOG SIMPLEX 4002 FIRE ALARM PANEL.
- B. EXISTING FIRE ALARM SYSTEM WILL BE REPLACED WITH A DIGITAL ADDRESSABLE FIRE ALARM SYSTEM. ALL COMPONENTS OF THE FIRE ALARM SYSTEM WILL BE REPLACED INCLUDING FIRE ALARM CONTROL PANEL, FIRE ALARM ANNUNCIATOR AND, ALL INITIATING DEVICES, ALL SIGNALING DEVICES, CABLEING, CONDUIT AND ALL ANCILLIARY EQUIPMENT.
- C. REFER TO NEW FIRE ALARM LAYOUT PLANS AND RISER DIAGRAMS FOR NEW FIRE ALARM CONFIGURATION.
- D. ALL CONDUIT IN CELL BLOCK MUST BE RECESSED, SURFACE MOUNTED CONDUITS ARE NOT ACCEPTABLE WITH NO EXCEPTIONS.

DATE	ISSUED FOR	REV
2016-08-17	50% REVIEW	A
2016-10-06	TENDER	B

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Keyplan

North Arrow

Detail Symbol

Symbol not to scale

Consultants

Civil:  
Landscape:  
Architectural: NORR LIMITED ARCHITECTS & ENGINEERS  
Structural: NORR ARCHITECTS ENGINEERS PLANNERS  
Mechanical: NORR ARCHITECTS ENGINEERS PLANNERS  
Electrical: NORR ARCHITECTS ENGINEERS PLANNERS

Seal(s)

Oct. 6, 2016

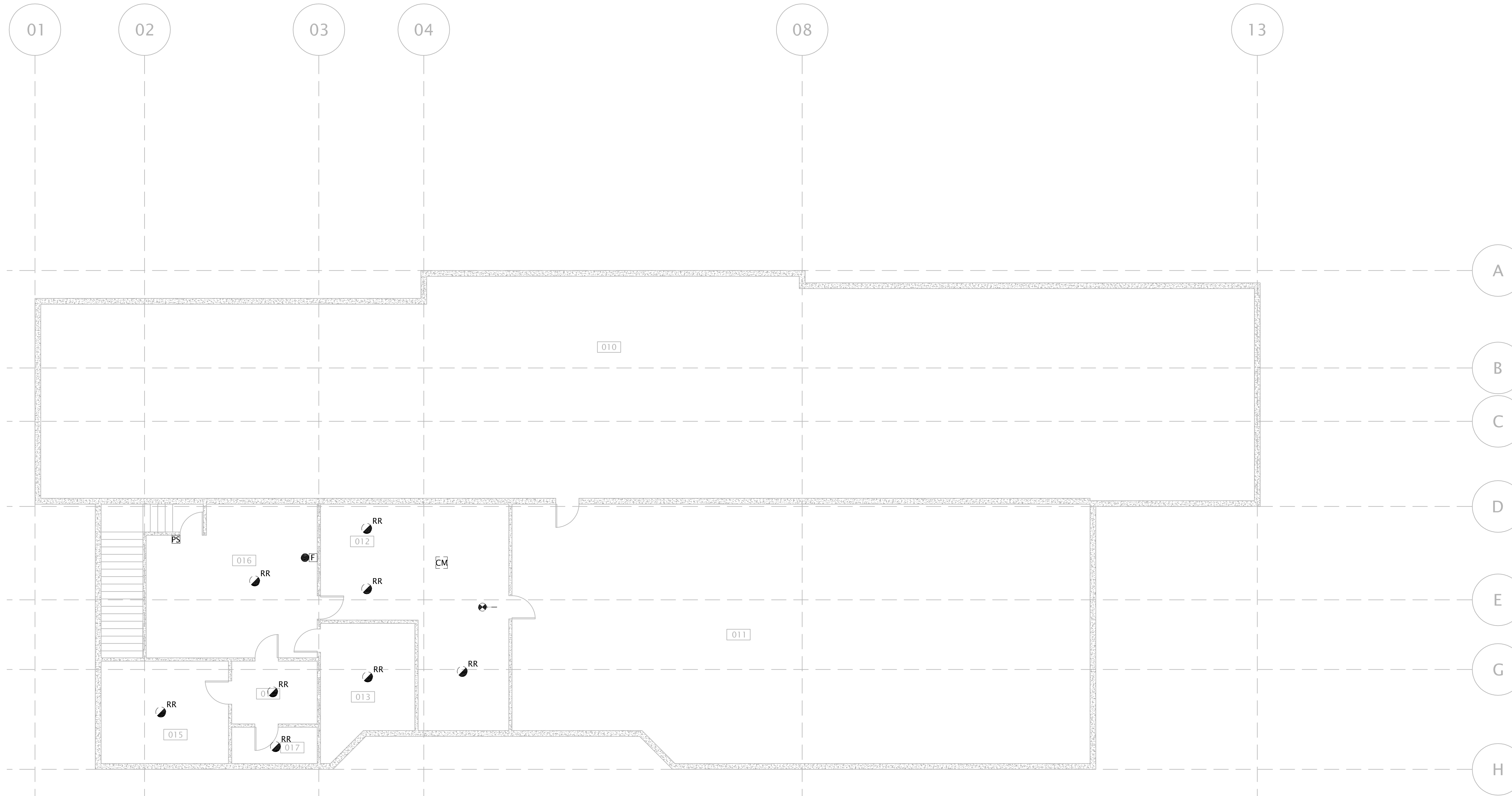
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Suite 2300,  
Calgary, Alberta, Canada T2G 4Y5  
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Ronald M. Poon, Architect, A.A.A., M.Arch, M.Arch.  
Bruce C. McKeown, Architect, A.A.A., M.Arch, M.Arch.  
A. Siba Balasubramanian, Architect, A.A.A., B.Arch, M.Arch.  
Alicia Toshiba, P.Eng., APECA  
Chris Pal, P.Eng., APECA

Project Manager J.MUSIALSKI	Drawn A.MOHAMMADZADEH, N.ALY
Project Leader A.BUTLER	Checked D.HIDER, L.YANG
Client <b>RCMP</b>	
Project ROCKY MOUNTAIN HOUSE RCMP DETACHMENT ADDITION ROCKY MOUNTAIN HOUSE, AB	
Drawing Title <b>FIRE ALARM PLAN BASEMENT DEMOLITION</b>	
Check Scale (may be photo reduced) 0 1 inch 0 10mm	
Project No.	NCCA-16-0121-99
Drawing No.	E10-00-00



01 DEMOLITION FIRE ALARM PLAN - BASEMENT  
E10-00-00 1:100

PLOT DATE: October 21, 2016. TIME: 10:40 AM. FULL PATH AND FILENAME: P:\RCMP\_PROJECTS\NCCA16012199 RCMP ROCKY MOUNTAIN HOUSE RENOVATIONS\ROCKY MOUNTAIN HOUSE DRAWINGS\ELECTRICAL\SHEETS\E10-00-01.DWG. PLOTSYCLE TABLE: .....

DATE	ISSUED FOR	REV
2016-08-17	50% REVIEW	A
2016-10-06	TENDER	B

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**GENERAL NOTES:**

A. EXISTING FIRE ALARM SYSTEM IS AN ANALOG SIMPLEX 4002 FIRE ALARM PANEL, AND SHALL BE REMOVED AS PART OF THIS WORK.

B. EXISTING FIRE ALARM SYSTEM WILL BE REPLACED WITH A DIGITAL ADDRESSABLE FIRE ALARM SYSTEM. ALL COMPONENTS OF THE FIRE ALARM SYSTEM WILL BE REPLACED INCLUDING FIRE ALARM CONTROL PANEL, FIRE ALARM ANNUNCIATOR AND, ALL INITIATING DEVICES, ALL SIGNALING DEVICES, CABLING, CONDUIT AND ALL ANCILLIARY EQUIPMENT.

C. REFER TO NEW FIRE ALARM LAYOUT PLANS AND RISER DIAGRAMS FOR NEW FIRE ALARM CONFIGURATION.

D. ALL CONDUIT IN CELL BLOCK MUST BE RECESSED, SURFACE MOUNTED CONDUITS ARE NOT ACCEPTABLE WITH NO EXCEPTIONS.

**GENERAL NOTES:**

1 RATE OF RISE HEAT DETECTORS IN CELLS ARE INSTALLED IN DUCTWORK FOR EACH CELL AND ARE TO BE REMOVED.

Keyplan

North Arrow

Detail Symbol

DETAIL#

SHEET #

Symbol not to scale

**Consultants**

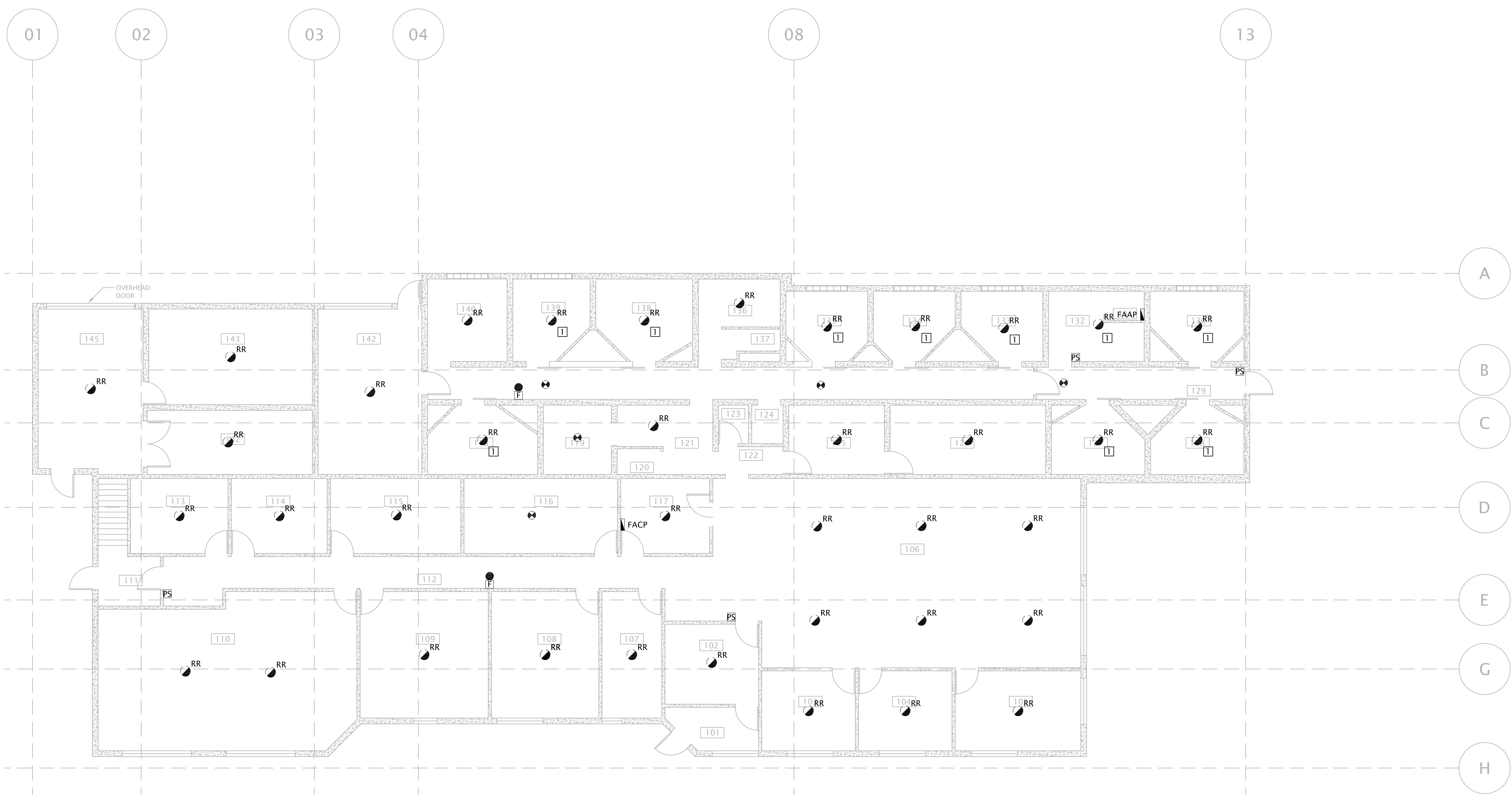
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A. Siba Balasubramanian, Architect, A.A.A., B.Arch., M.A.S.C.  
Archieve Yoshida, P.Eng., A.P.E.C.A.  
Chris Pal, P.Eng., A.P.E.C.A.

Project Manager J.MUSIALSKI	Drawn A.MOHAMMADZADEH, NALY
Project Leader A.BUTLER	Checked D.HIDER, L.YANG
Client <b>RCMP</b>	
Project ROCKY MOUNTAIN HOUSE RCMP DETACHMENT ADDITION ROCKY MOUNTAIN HOUSE, AB	
Drawing Title <b>FIRE ALARM PLAN MAIN FLOOR DEMOLITION</b>	
Check Scale (may be photo reduced) 0 1 inch 0 10mm	
Project No. NCCA-16-0121-99	
Drawing No. E10-00-01	



01  
E10-00-01 1:100  
**DEMOLITION FIRE ALARM PLAN - MAIN FLOOR**

PLOT DATE: October 21, 2016, TIME: 10:41 AM, FULL PATH AND FILENAME: P:\RCMP\_PROJECTS\NCCA16012199 RCMP ROCKY MOUNTAIN HOUSE RENOVATIONS\ROCKY MOUNTAIN HOUSE DRAWINGS\ELECTRICAL SHEETS\E20-00-00.DWG, PLOT STYLE TABLE: ....

**REFERRAL NOTES:**  
 A) REFER TO FIRE ALARM RISER DIAGRAM ON E30-00-00 FOR MORE DETAIL.  
 B) ALL CONDUITS IN CELL BLOCK MUST BE RECESSED. SURFACE MOUNTED CONDUITS ARE NOT ACCEPTABLE WITH NO EXCEPTIONS.

**REFERRAL NOTES:**  
 1) SUPPLY AND INSTALL NEW DUCT SMOKE DETECTOR IN SAME LOCATION AS EXISTING DETECTOR.  
 2) SUPPLY AND INSTALL NEW HVAC SHUTDOWN CONTROL MODULE IN SAME LOCATION AS EXISTING MODULE. NEW CM WILL PROVIDE THE SAME CONTROL AS EXISTING MODULE.  
 3) DETECTORS AND HORNSTROBES LOCATION IN CRAWL SPACE TO BE COORDINATED WITH DUCT WORKS AND SERVICE RUN IN THE SPACE PRIOR TO INSTALLATION.

DATE	ISSUED FOR	REV
2016-08-17	50% REVIEW	A
2016-10-06	TENDER	B

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Keyplan

North Arrow

Detail Symbol

Symbol not to scale

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 Structural: NORR ARCHITECTS ENGINEERS PLANNERS  
 Mechanical: NORR ARCHITECTS ENGINEERS PLANNERS  
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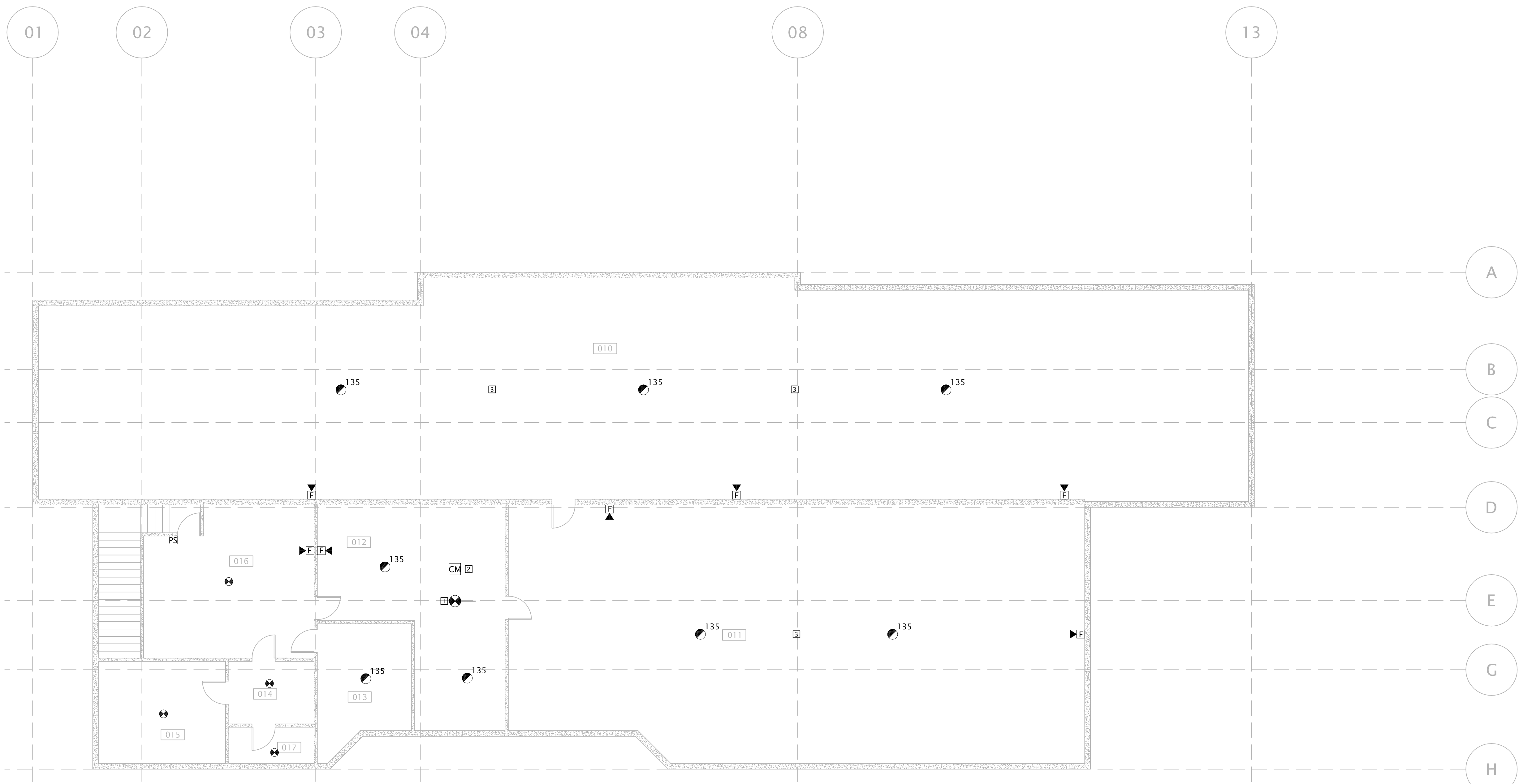
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Oct. 6th, 2016  
 Oct. 6, 2016

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 Suite 2300,  
 Calgary, Alberta, Canada T2G 4Y5  
 www.norr.com

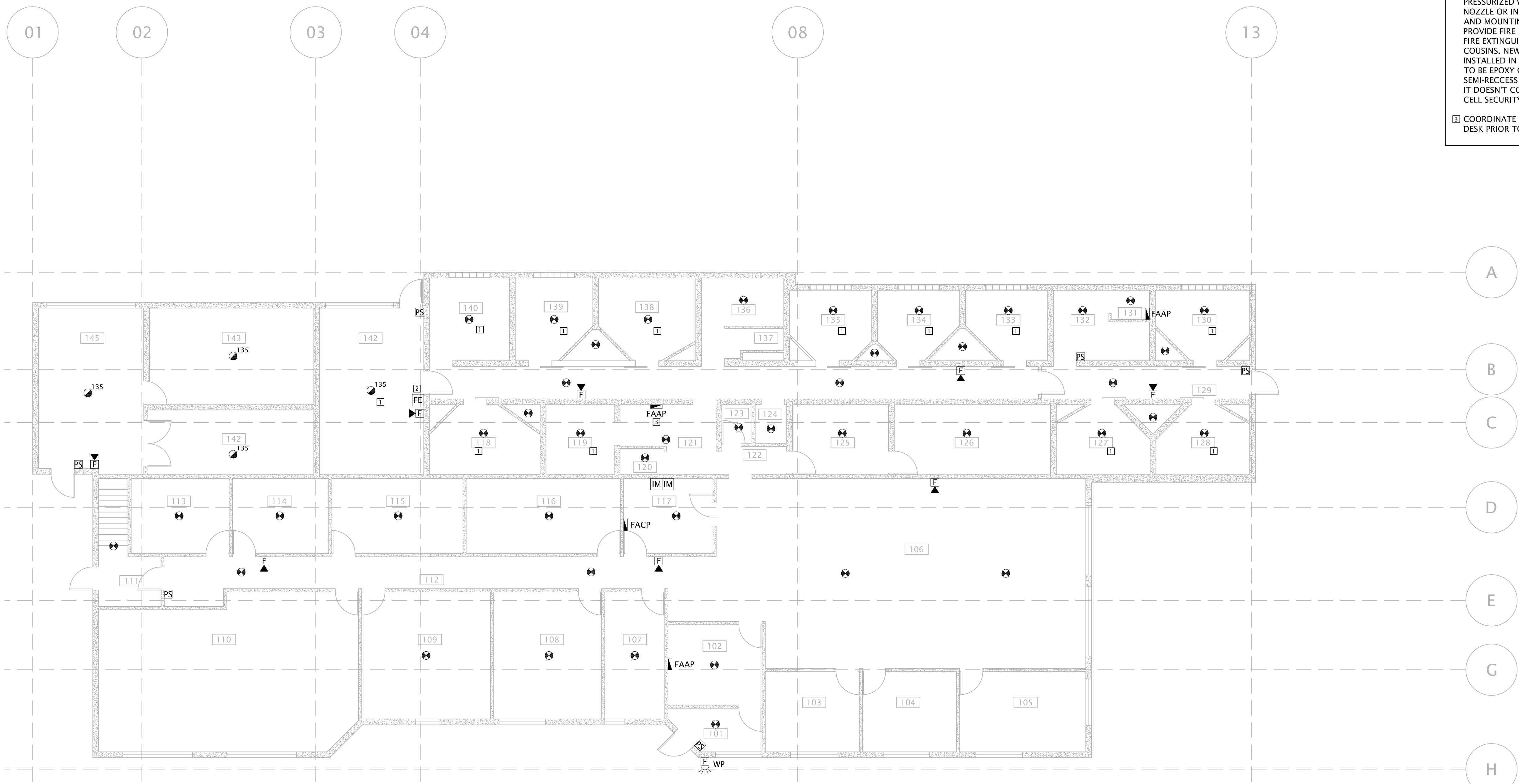
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 Arden Todhill, P.Eng., APECA  
 Chris Pal, P.Eng., APECA

Project Manager J.MUSIALSKI	Drawn A.MOHAMMADZADEH, NALY
Project Leader A.BUTLER	Checked D.HIDER, L.YANG
Client <b>RCMP</b>	
Project ROCKEY MOUNTAIN HOUSE RCMP DETACHMENT ADDITION ROCKEY MOUNTAIN HOUSE, AB	
Drawing Title <b>FIRE ALARM PLAN BASEMENT NEW</b>	
Check Scale (may be photo reduced) 0 1 inch 0 10mm	
Project No. NCCA-16-0121-99	
Drawing No. <b>E20-00-00</b>	



01 NEW FIRE ALARM PLAN - BASEMENT  
 E20-00-00 1:100

PLOT DATE: October 21, 2016, TIME: 10:41 AM, FULL PATH AND FILENAME: P:\RCMP\_PROJECTS\NCCA16012199 RCMP ROCKY MOUNTAIN HOUSE RENOVATIONS\ROCKY MOUNTAIN HOUSE DRAWINGS\ELECTRICAL SHEETS\E20-00-01.DWG, PLOT STYLE TABLE: ....



01 NEW FIRE ALARM PLAN - MAIN FLOOR  
E20-00-01 1:100

**REFERRAL NOTES:**

- A) REFER TO FIRE ALARM RISER DIAGRAM ON E30-00-00 FOR MORE DETAIL.
- B) ALL CONDUIT IN CELL BLOCK MUST BE RECESSED. SURFACE MOUNTED CONDUITS ARE NOT ACCEPTABLE WITH NO EXCEPTIONS.
- C) CELL BLOCK WORK TO BE COMPLETED SUCH THAT THIS FACILITY REMAINS OPERATIONAL AT ALL TIMES.
- D) FIRE ALARM VERIFICATION IS REQUIRED FOR COMPLETE SYSTEM. TESTING AND INSPECTION REPORTS TO BE PROVIDED BY CONTRACTOR. TEST RESULTS FOR AUDIBILITY SYSTEM AND FIRE ALARM VENDOR TEST RESULTS MUST BE PROVIDED AS PART OF FAVI REPORT.
- E) WIRING FOR ALL DEVICES LOCATED IN CELL BLOCK TO BE RUN IN CONDUIT. CONDUIT MUST BE RECESSED.
- F) FIRE STOPPING IS REQUIRED ANYWHERE IN BUILDING WHICH CONDUITS PENETRATE THE FIRE RATED WALL.

**REFERRAL NOTES:**

- 1) FIRE ALARM DEVICES TO COME COMPLETE WITH TAMPER RESISTANT COVER. REFER TO DETAIL 2 ON E30-00-00 FOR ADDITIONAL INFORMATION.
- 2) MULTI PURPOSE ABC TYPE DRY CHEMICAL, PRESSURIZED WITH HOSE AND SHUT OFF NOZZLE OR INTEGRAL SHUT OFF NOZZLE AND MOUNTING BRACKET, 10 LB CAPACITY. PROVIDE FIRE EXTINGUISHER WITH NFPI O, FIRE EXTINGUISHER: FLAG, NFE, WILSON & COUSINS, NEW FIRE EXTINGUISHER IS TO BE INSTALLED IN CABINET, AND THE CABINET IS TO BE EPOXY CAULKED TO THE WALL. A SEMI-RECESSED CABINET WOULD BE BEST IF IT DOESN'T COMPROMISE A FIRE WALL OR CELL SECURITY.
- 3) COORDINATE THE LOCATION WITH GUARD DESK PRIOR TO INSTALLATION.

DATE	ISSUED FOR	REV
2016-08-17	50% REVIEW	A
2016-10-06	TENDER	B

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Keyplan

North Arrow

Detail Symbol

Symbol not to scale

**Consultants**

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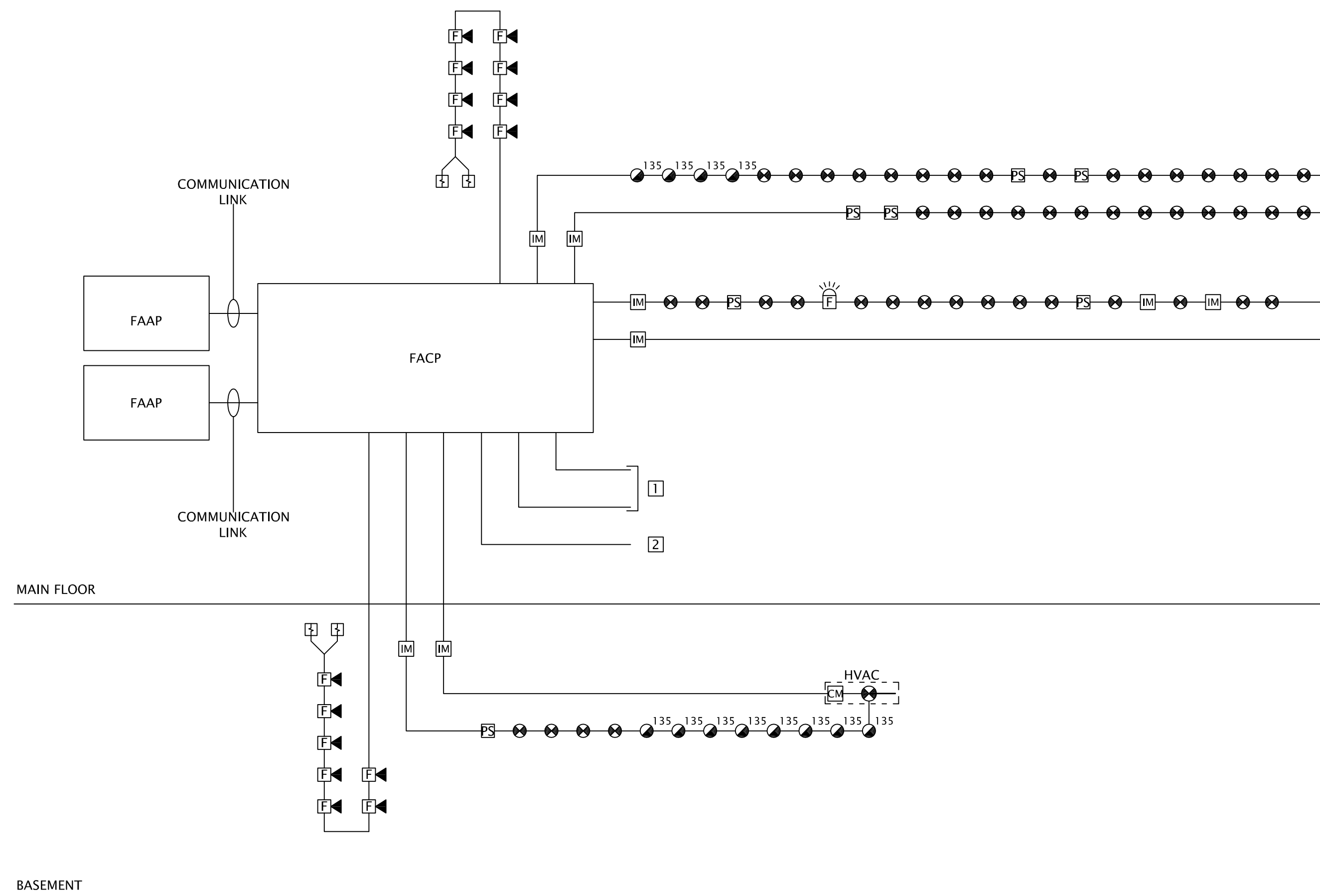
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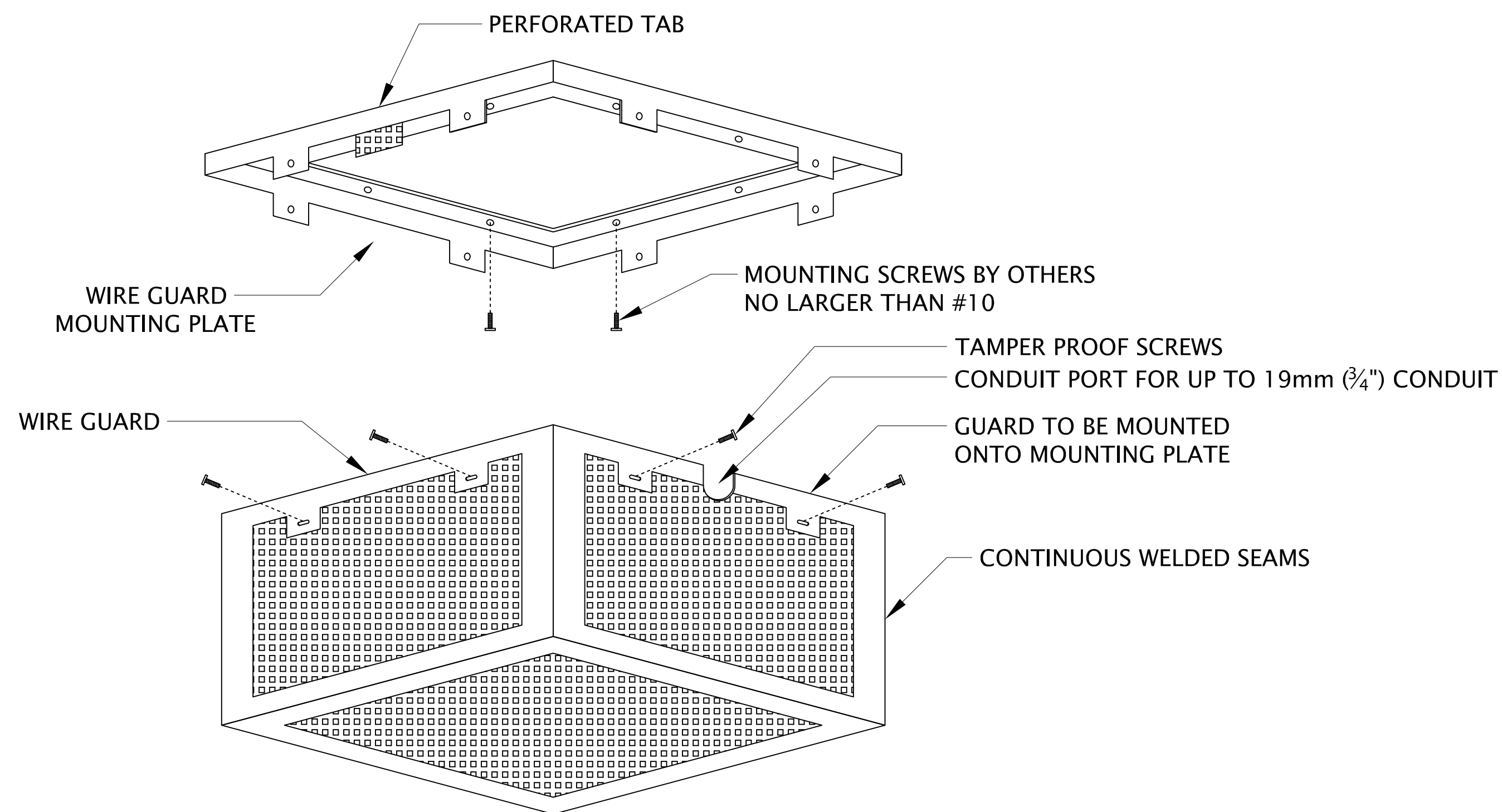
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Project Manager J.MUSIALSKI	Drawn A.MOHAMMADZADEH, N. ALLY
Project Leader A.BUTLER	Checked D.HIDER, L.YANG
Client <b>RCMP</b>	
Project ROCKY MOUNTAIN HOUSE RCMP DETACHMENT ADDITION ROCKY MOUNTAIN HOUSE, AB	
Drawing Title <b>FIRE ALARM PLAN MAIN FLOOR NEW</b>	
Check Scale (may be photo reduced) 0 1 2 inch 0 10mm	
Project No.	NCCA-16-0121-99
Drawing No.	E20-00-01

PLOT DATE: October 21, 2016, TIME: 10:43 AM, FULL PATH AND FILENAME: P:\RCMP\_PROJECTS\NCCA16012199 RCMP ROCKY MOUNTAIN HOUSE RENOVATIONS\ROCKY MOUNTAIN HOUSE DRAWINGS\ELECTRICAL SHEETS\E30-00-00.DWG, PLOT STYLE TABLE: ....



01 FIRE ALARM RISER DIAGRAM  
E30-00-00 1:100



02 DETECTOR TAMPER RESISTANT COVER  
E30-00-00 1:10

GENERAL NOTES:

- A) FIRE ALARM RISER DIAGRAM SHOWS GENERAL INTENT OF FIRE ALARM SYSTEM TOPOLOGY. FIRE ALARM VENDOR AND ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL COMPONENTS REQUIRED (INCLUDING BOOSTER PACKS) TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM. FINAL WIRING CAN BE MODIFIED TO SUIT VENDOR REQUIREMENTS.
- B) SMOKE DETECTOR GUARD SHOWN IS BASED ON SIMPLEX 2098-9829C. AS SHOWN FOR REFERENCE ONLY. PROVIDE GUARD THAT MATCHES FIRE ALARM SYSTEM CHOSEN FOR THIS PROJECT.
- C) ALL CONDUITS IN CELL BLOCK MUST BE RECESSED, SURFACE MOUNTED CONDUITS ARE NOT ACCEPTABLE WITH NO EXCEPTIONS.

REFERRAL NOTES:

- 1 CONNECTIONS TO TELEPHONE FOR FIRE ALARM MONITORING.
- 2 120V POWER CONNECTION.

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2016-10-06	TENDER	B

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Keyplan

North Arrow

Detail Symbol

DETAIL#  
SHEET #

Symbol not to scale

Consultants

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Archieve Todt, P. Eng., A.P.E.C.A.  
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Project Manager J. MUSIALSKI	Drawn A. MOHAMMADZADEH, N.A.L.Y.
Project Leader A. BUTLER	Checked D. HIDER, L. YANG
Client <b>RCMP</b>	
Project ROCKEY MOUNTAIN HOUSE RCMP DETACHMENT ADDITION ROCKEY MOUNTAIN HOUSE, AB	
Drawing Title <b>ELECTRICAL DETAILS</b>	
Check Scale (may be photo reduced) 0 1 inch 0 10mm	
Project No. NCCA-16-0121-99	
Drawing No. <b>E30-00-00</b>	