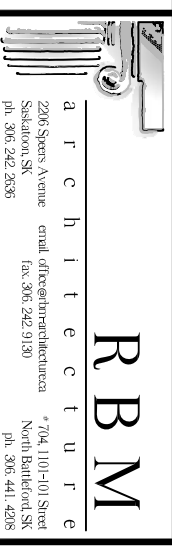


# SHAUNAVON POLICE BUILDING RENOVATIONS - SHAUNAVON, SK



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1-2013/06/10: ISSUE FOR 99% REVIEW  
0-2013/05/08: ISSUE FOR 66% REVIEW



PROJECT:  
SHAUNAVON  
POLICE BUILDING  
RENOVATIONS  
SHAUNAVON, SASKATCHEWAN

DRAWING:

COVER SHEET,  
LEGEND, ABBREVIATIONS  
GENERAL NOTES, AND  
LIST OF DRAWINGS

PROJECT No: 6510-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: AH, CG
SHEET No: 1	PLOT No: 1

A000

## LEGEND

DRAWING REFERENCE SYMBOLS	
No.	GRID-LINE IDENTIFICATION
No.	DETAIL SHEET
No.	WALL SECTION SHEET
No.	BUILDING SECTION SHEET
No.	ELEVATION DEMARCATION ROOM NUMBER
No.	ROOM ROOM NUMBER
No.	DOOR IDENTIFICATION
A	ASSEMBLY IDENTIFICATION
D	DOOR TYPE (REFER TO SCHEDULE)
No.	FINISH IDENTIFICATION
A.F.F.	PLAN ELEVATION IDENTIFICATION

## ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR	HDWR	HARDWARE
B/S	BOTH SIDES	H.C.	HOLLOW CORE
C.O.	CLEANOUT	H.M.	HOLLOW METAL
c/w	COMPLETE WITH	MAT'L.	MATERIAL
DD	DETENTION DOOR	N.I.C.	NOT IN CONTRACT
DF	DETENTION FRAME	o.c.	ON CENTRE
DR	DOOR	PT	PAINT
EA	EACH	SIM	SIMILAR
EXP.	EXPOSED	SV	SHEET VINYL
FD	FLOOR DRAIN	T/O	TOP OF
F.E.C.	FIRE EXTINGUISHER CABINET	TYP	TYPICAL
F.R.R.	FIRE RESISTANT RATING	UNO	UNLESS NOTED OTHERWISE
GB	GYPSUM BOARD	U/S	UNDERSIDE OF
		W.S.	WELDED STEEL

## GENERAL NOTES

- WORK TO BE DONE IN ACCORDANCE WITH THE 2010 NATIONAL BUILDING CODE OF CANADA; CAN/SCA B651-95 BARRIER-FREE DESIGN; AND LOCAL/PROVINCIAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION. (IN CASE OF CONFLICTING REQUIREMENTS, THE MORE RIGOROUS SHALL APPLY).
- OWNER TO HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGE MATERIALS, TYPICAL.
- PATCHING: MAKE GOOD SURFACES AFFECTED BY NEW CONSTRUCTION TO MATCH EXISTING IN ACCORDANCE WITH FINISH SCHEDULES, EVEN WHEN AFFECTED SURFACE IS NOT WITHIN CONTRACTED RENOVATION AREAS. PATCH FLUSH AND SMOOTH WITH EXISTING. BUILD UP, TAPE, FILL AND SAND SURFACES SCHEDULED TO RECEIVE NEW FINISHES, FOR A SEAMLESS VISUAL APPEARANCE. MAKE GOOD VAPOUR BARRIERS WHERE AFFECTED.
- WASTE MANAGEMENT: REMOVE AND DISPOSE OF UNWANTED ITEMS. SEPARATE MATERIALS INTO SEPARATE STREAMS FOR RECYCLING WHERE FACILITIES EXIST.
- EXISTING STRUCTURE: OBTAIN CONSULTANT'S APPROVAL BEFORE CUTTING, BORING, OR SLEEVING LOAD-BEARING MEMBERS.
- FIRE RATINGS: MAINTAIN CONTINUITY OF EXISTING ASSEMBLIES IDENTIFIED AS REQUIRING A FIRE RATING. PROVIDE FIRE-STOPPING AND DAMPERS AT NEW PENETRATIONS THROUGH RATED ASSEMBLIES. PROVIDE RATED PANELS WHERE REQUIRED TO ACCESS SERVICES CONCEALED IN RATED ASSEMBLIES.
- ALL PLUMBING; MECHANICAL; AND ELECTRICAL WORK SHALL BE CARRIED OUT AND DONE IN COMPLIANCE WITH ALL LOCAL CODES AND BYLAW AS WELL AS THE NATIONAL CODES OF CANADA.
- EXISTING EMERGENCY LIGHTING AND EXIT LIGHTING TO REMAIN OPERATIONAL, THROUGHOUT DURATION OF RENOVATION, TYPICAL.
- DO ALL MASONRY IN ACCORDANCE WITH CAN/CSA-A371-04.
- ALL ROOFING WORK IS TO BE DONE IN IN CONFORMANCE WITH CRCA STANDARDS.

## LIST OF DRAWINGS:

### ARCHITECTURAL:

- A000 COVER SHEET, LEGEND, ABBREVIATIONS, GENERAL NOTES, AND LIST OF DRAWINGS  
A100 SITE PLAN AND SIDEWALK DETAILS  
A200 BASEMENT AND CRAWL SPACE PLAN: EXISTING/DEMOLITION  
A201 MAIN FLOOR PLAN: EXISTING/DEMOLITION  
A202 SECOND FLOOR AND REFLECTED CEILING PLANS:  
EXISTING - REFERENCE  
A203 BASEMENT AND CRAWL SPACE PLAN: PROPOSED  
A204 MAIN FLOOR PLAN: PROPOSED  
A205 BASEMENT REFLECTED CEILING PLAN: EXISTING/DEMOLITION  
A206 MAIN FLOOR REFLECTED CEILING PLAN: EXISTING/DEMOLITION  
A207 BASEMENT REFLECTED CEILING PLAN: PROPOSED  
A208 MAIN FLOOR REFLECTED CEILING PLAN: PROPOSED  
A209 DOOR, AND HARDWARE SCHEDULES  
A210 ROOM FINISH SCHEDULE AND ASSEMBLIES  
A400 DETAILS: ROOM 108 FINISHES  
A401 DETAILS: ROOM 108 WALLS  
A402 DETAILS: ROOM 108 WALLS  
A403 DETAILS: DOOR 106.2  
A404 DETAILS: DOOR 106.2  
A405 DETAILS: MILLWORK  
A700 INTERIOR ELEVATIONS

### MECHANICAL:

- M200 MECHANICAL BASEMENT PLAN: PROPOSED PLUMBING  
M201 MECHANICAL MAIN FLOOR PLAN: PROPOSED PLUMBING  
M300 MECHANICAL BASEMENT PLAN: PROPOSED HVAC  
M301 MECHANICAL MAIN FLOOR PLAN: PROPOSED HVAC  
M400 MECHANICAL SCHEDULES

### ELECTRICAL:

- E200 BASEMENT PLAN: ELECTRICAL  
E201 MAIN FLOOR PLAN: ELECTRICAL  
E202 SECOND FLOOR PLAN: ELECTRICAL  
E301 MAIN FLOOR PLAN: SECURITY  
E302 SECURITY DETAILS

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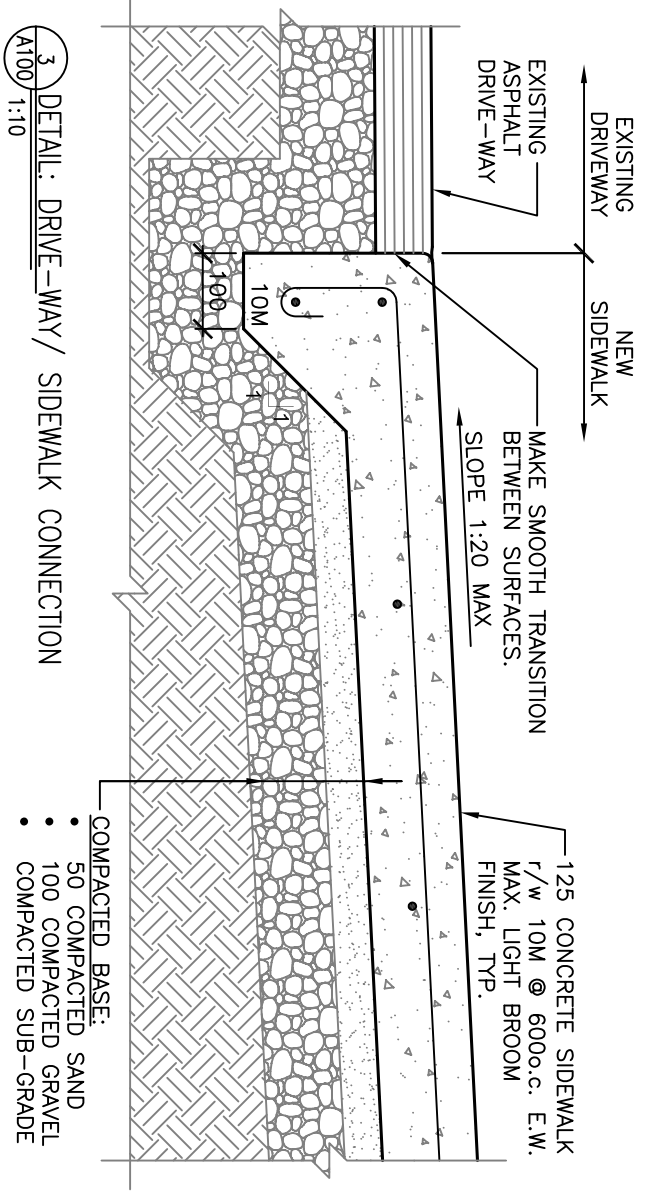
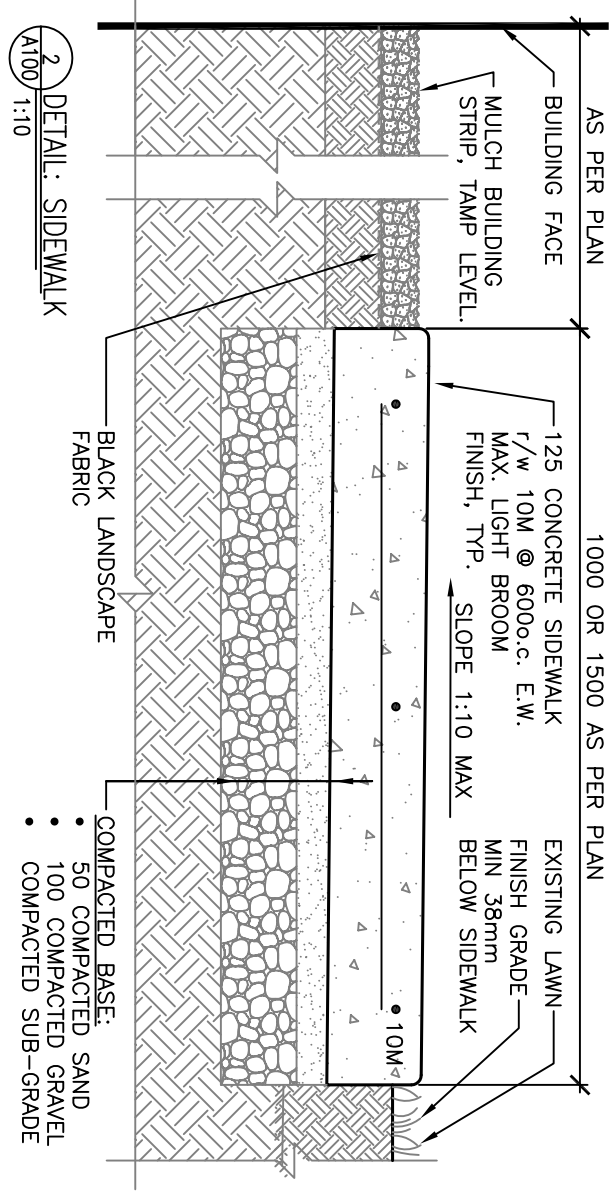
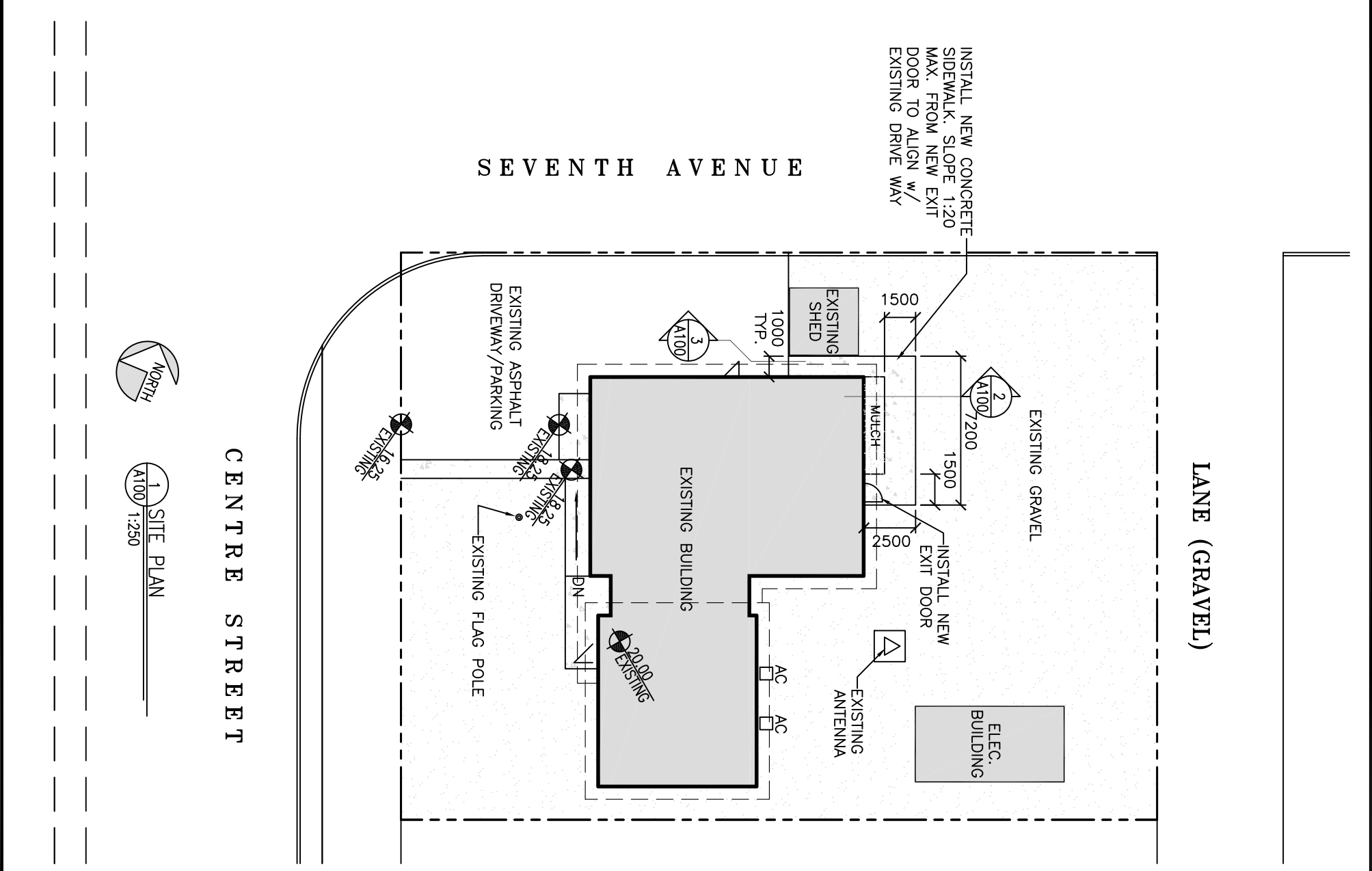


**Canada**

PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 SITE PLAN AND  
 SIDEWALK DETAILS

PROJECT No: 6510-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: AH, CG
SHEET No: 1	PLOT No: 1



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**Canada**

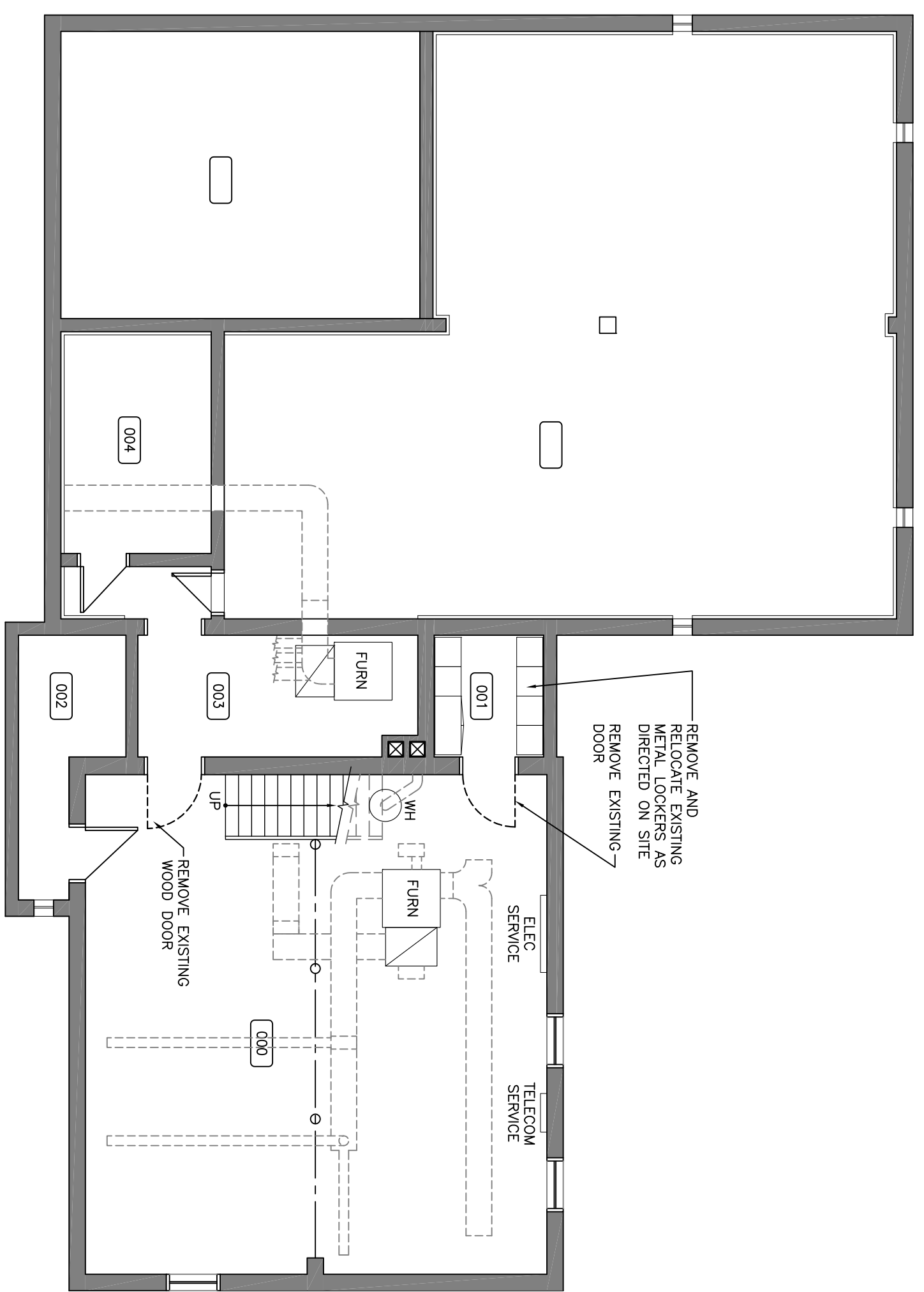
PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 BASEMENT AND  
 CRAWL SPACE PLAN:  
 EXISTING/DEMOLITION

PROJECT No: 6510-13 SCALE: AS NOTED

DATE: 2013/10/11 DRAWN BY: AH, CG

SHEET No: 1 PLOT No: 1  
**A200**



1 BASEMENT PLAN: EXISTING/DEMOLITION  
 A200 1:75



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CLIENT:



**Canada**

PROJECT:

SHAUNAVON  
POLICE BUILDING  
RENOVATIONS  
SHAUNAVON, SASKATCHEWAN

DRAWING:

SECOND FLOOR  
AND REFLECTED  
CEILING PLANS  
EXISTING - REFERENCE

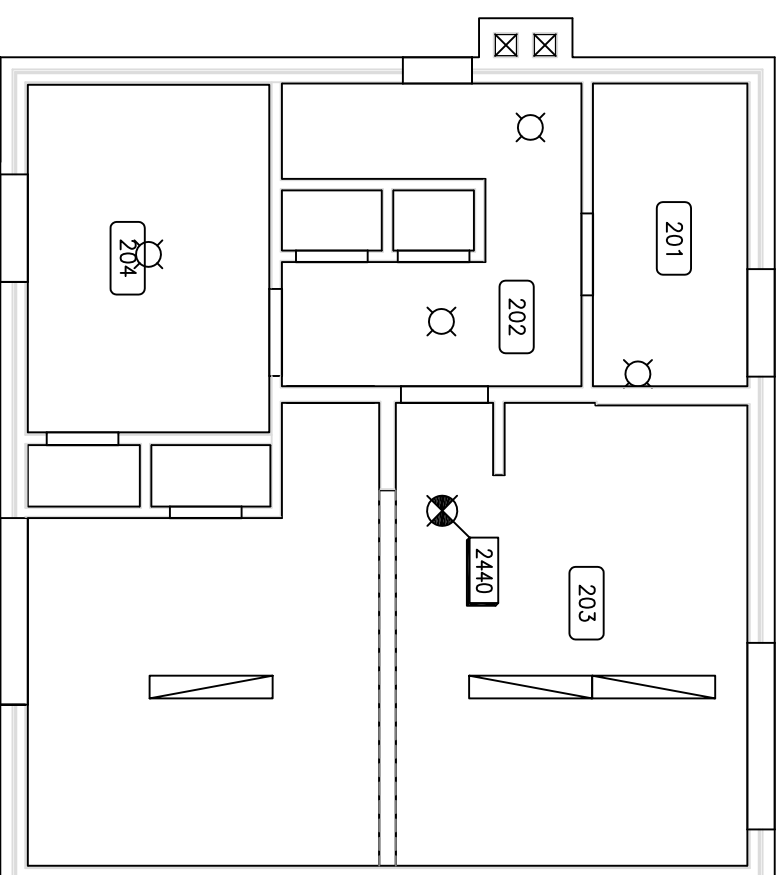
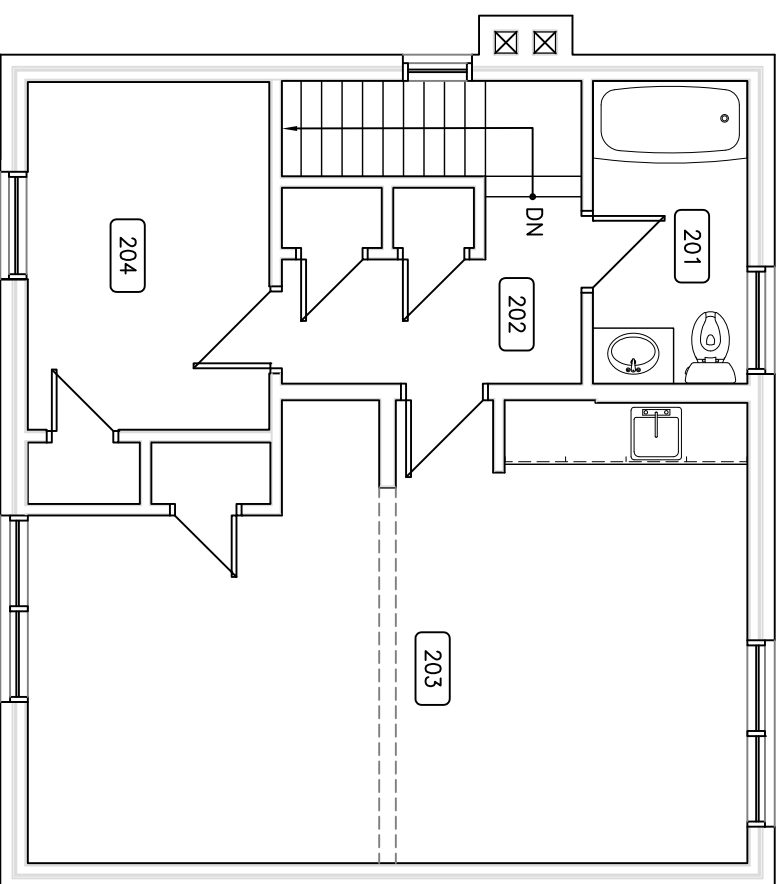
PROJECT No:	6510-13	SCALE:	AS NOTED
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DATE:	2013/10/11	DRAWN BY:	AH, CG
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SHEET No:	1	PLOT No:	1
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A202

NOTE:  
SECOND FLOOR CEILING  
IS OUTSIDE SCOPE OF  
WORK AND SHOWN FOR  
REFERENCE PURPOSES  
ONLY,



1 SECOND FLOOR PLAN: EXISTING  
A202 1:75



2 SECOND FLOOR REFLECTED CEILING PLAN: EXISTING  
A202 1:75

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**Canada**

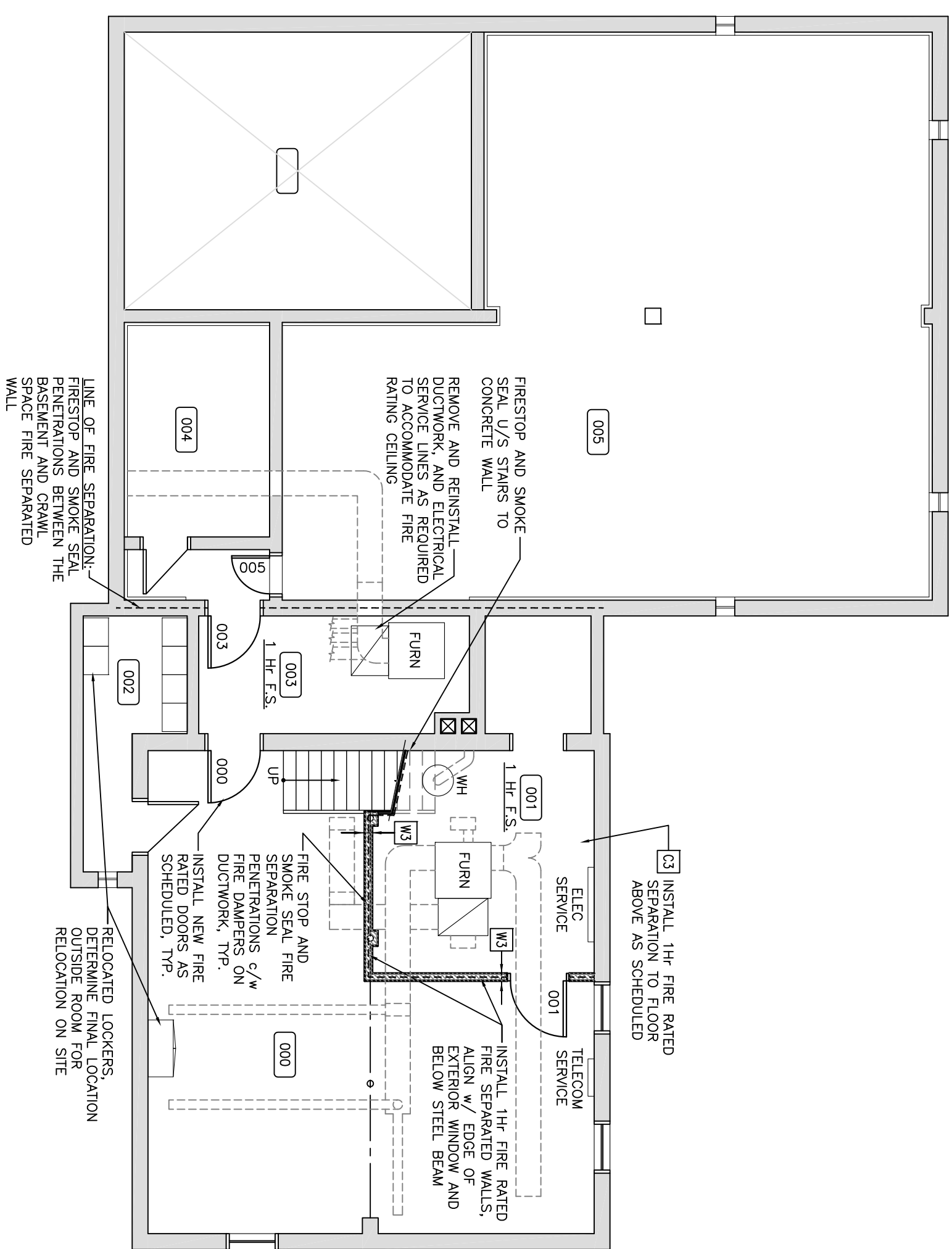
PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 BASEMENT AND  
 CRAWL SPACE PLAN:  
 PROPOSED

PROJECT No: 6510-13 SCALE: AS NOTED

DATE: 2013/10/11 DRAWN BY: CG

SHEET No: 1 PLOT No: 1  
**A203**



**1** BASEMENT PLAN: PROPOSED  
 A203 1:75





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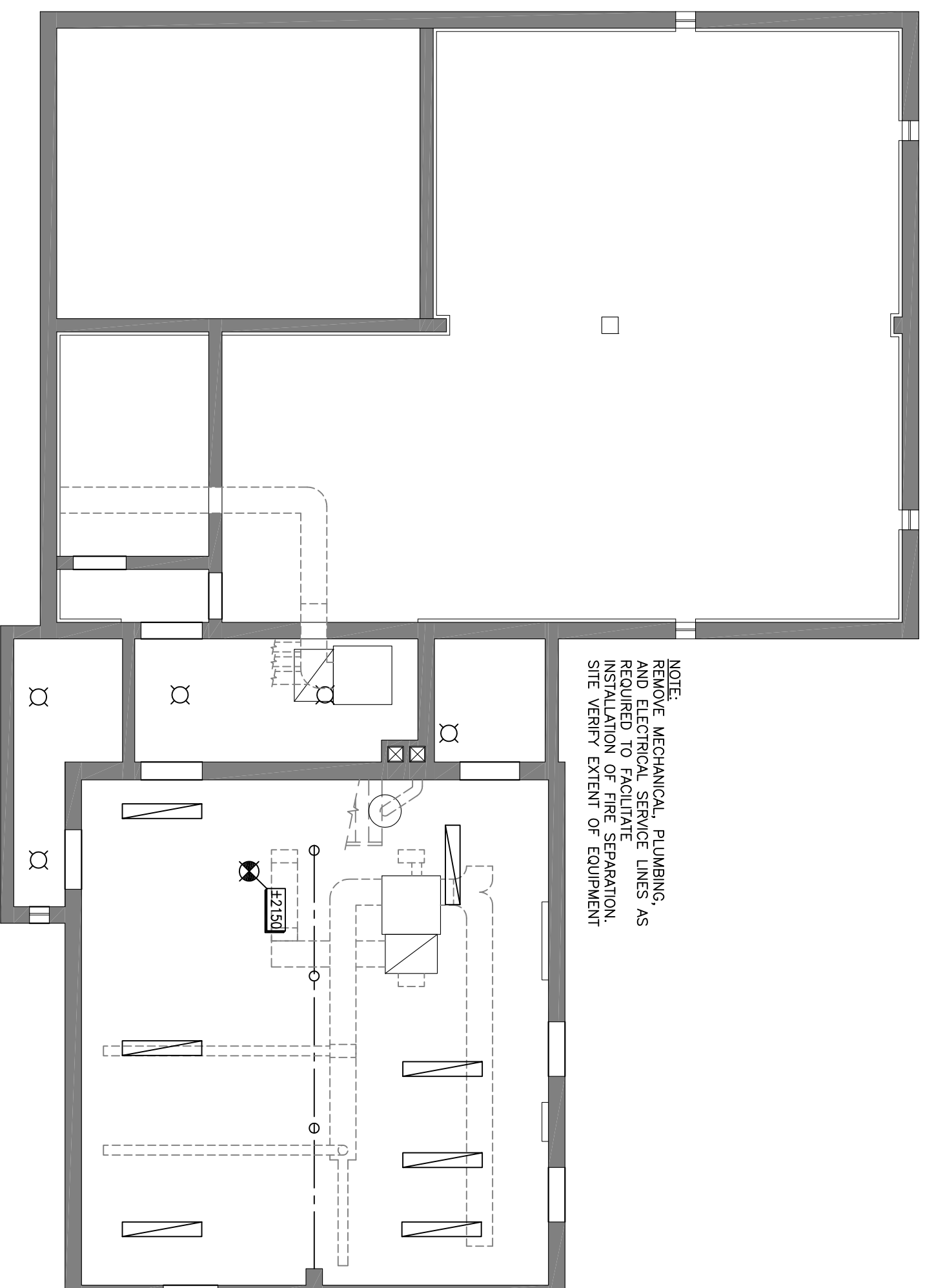
**Canada**

PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 BASEMENT REFLECTED  
 CEILING PLAN:  
 EXISTING/DEMOLITION

PROJECT No: 6510-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: AH, CG
SHEET No: 1	PLOT No: 1

NOTE:  
 REMOVE MECHANICAL, PLUMBING,  
 AND ELECTRICAL SERVICE LINES AS  
 REQUIRED TO FACILITATE  
 INSTALLATION OF FIRE SEPARATION.  
 SITE VERIFY EXTENT OF EQUIPMENT



NORTH  
 1 BASEMENT REFLECTED CEILING PLAN: EXISTING/DEMOLITION  
 A205 1:75

A205



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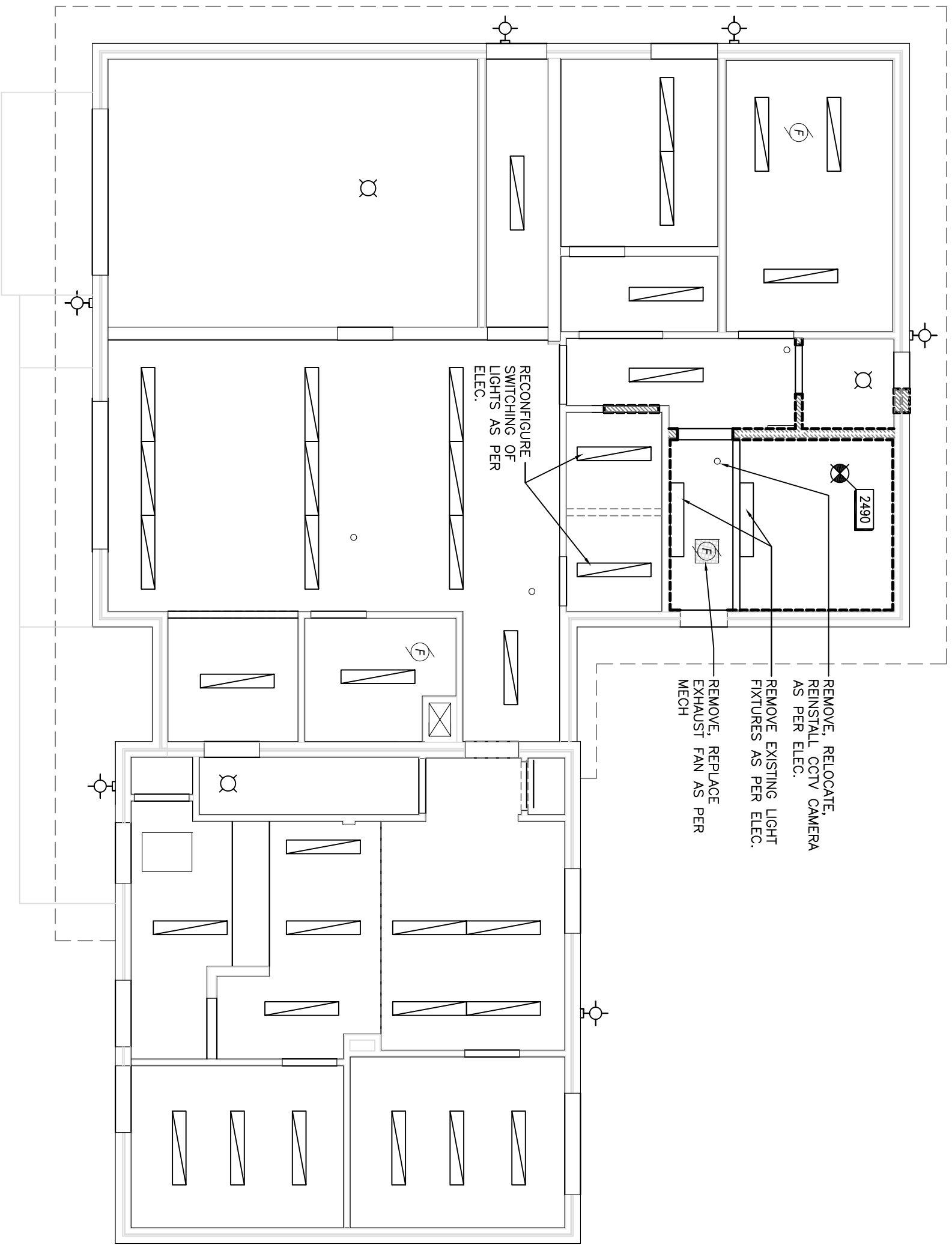


**Canada**

PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 MAIN FLOOR REFLECTED  
 CEILING PLAN:  
 EXISTING/DEMOLITION

PROJECT No: 6510-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: AH, CG
SHEET No: A206	PLOT No: 1



1 MAIN FLOOR REFLECTED CEILING PLAN: EXISTING/DEMOLITION  
 A206 1:75



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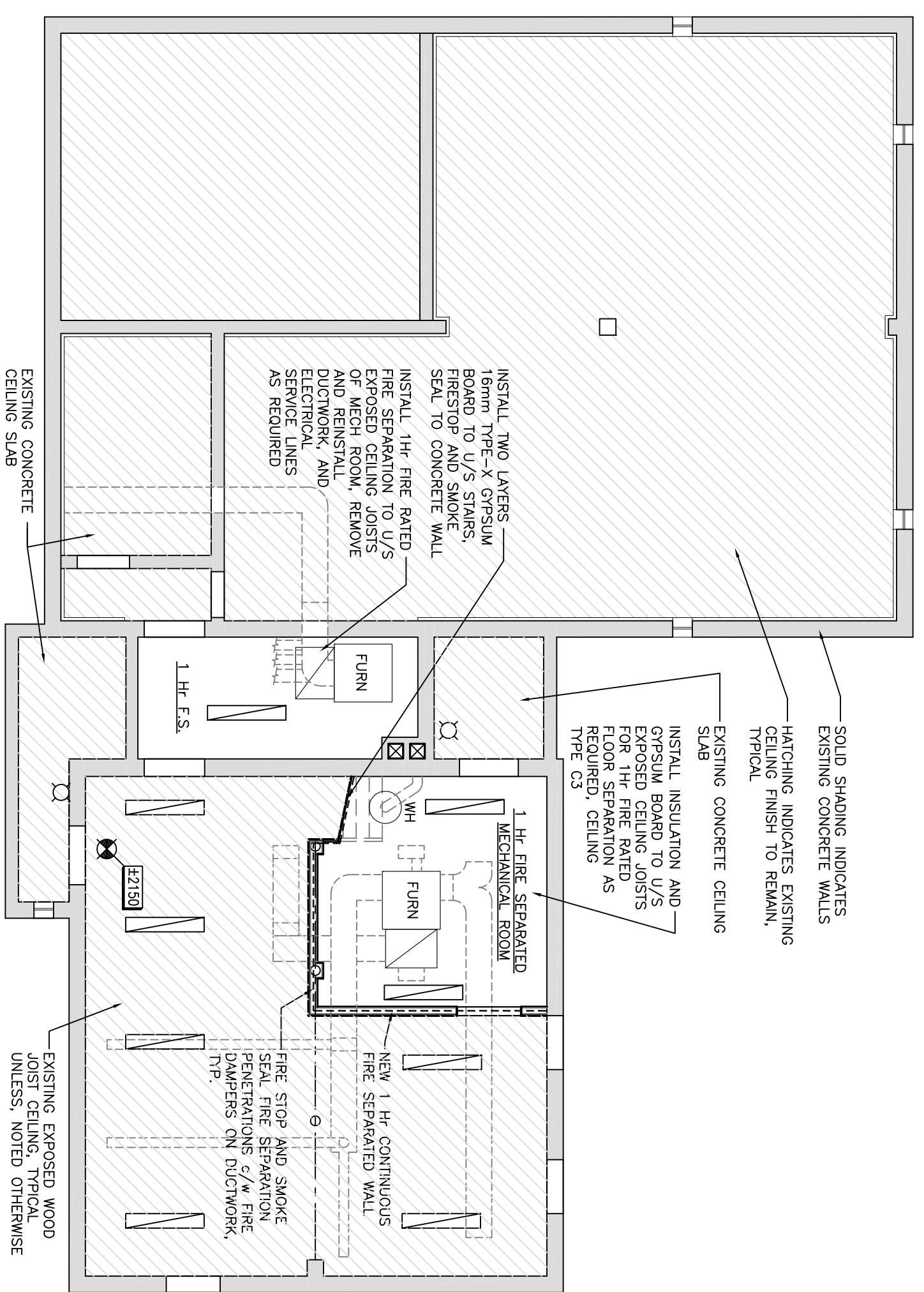


**Canada**

PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 BASEMENT  
 REFLECTED CEILING  
 PLAN: PROPOSED

PROJECT No: 6510-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: CG
SHEET No: A207	PLOT No: 1



1 BASEMENT REFLECTED CEILING PLAN: PROPOSED  
 A207 1:75

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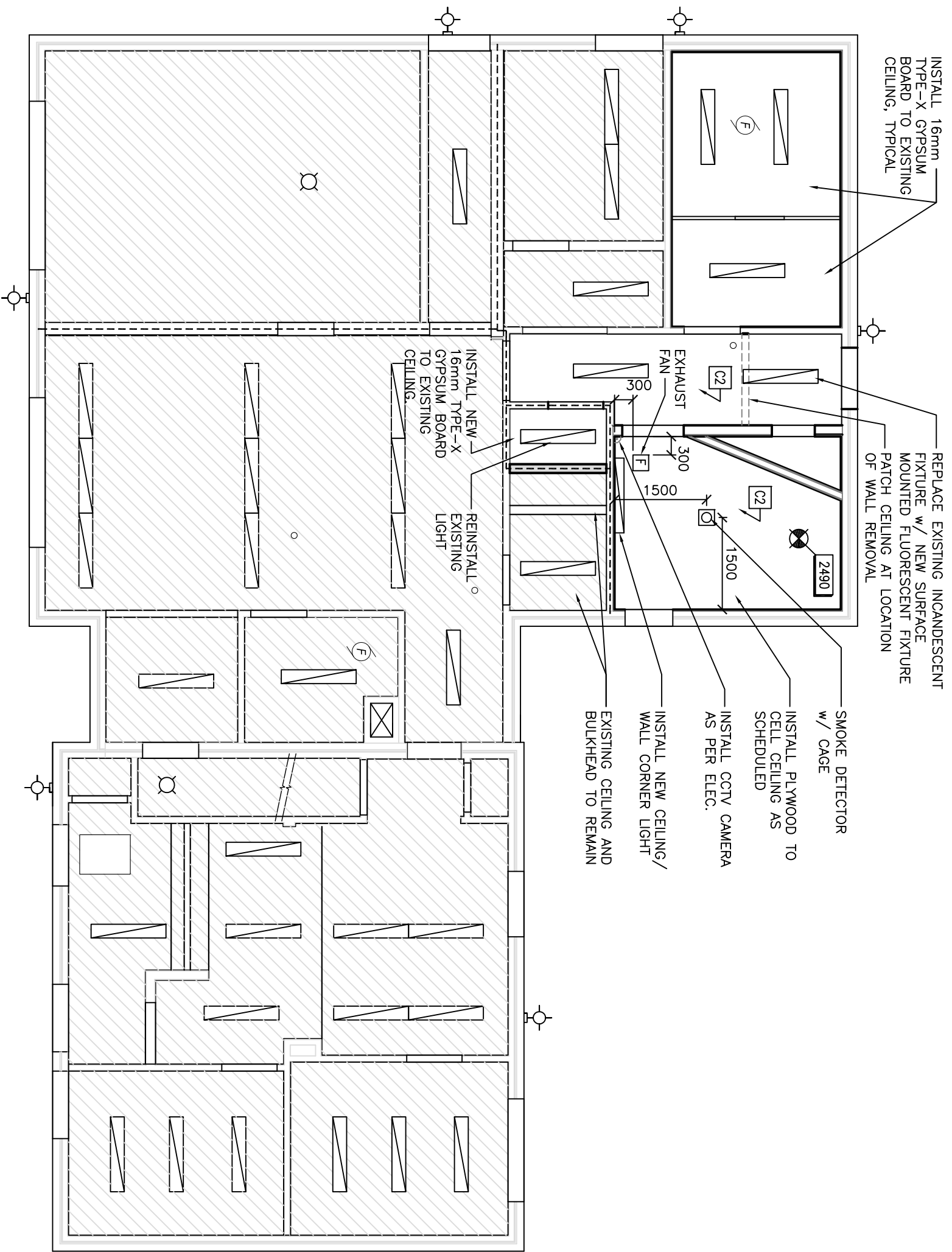


**Canada**

PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 MAIN FLOOR  
 REFLECTED CEILING  
 PLAN: PROPOSED

PROJECT No: 6510-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: CG
SHEET No: A208	PLOT No: 1

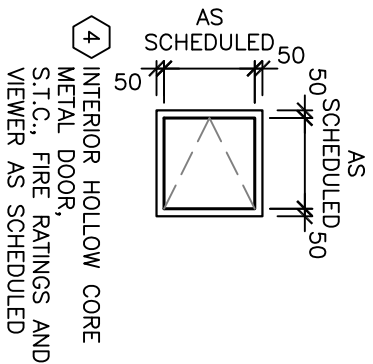
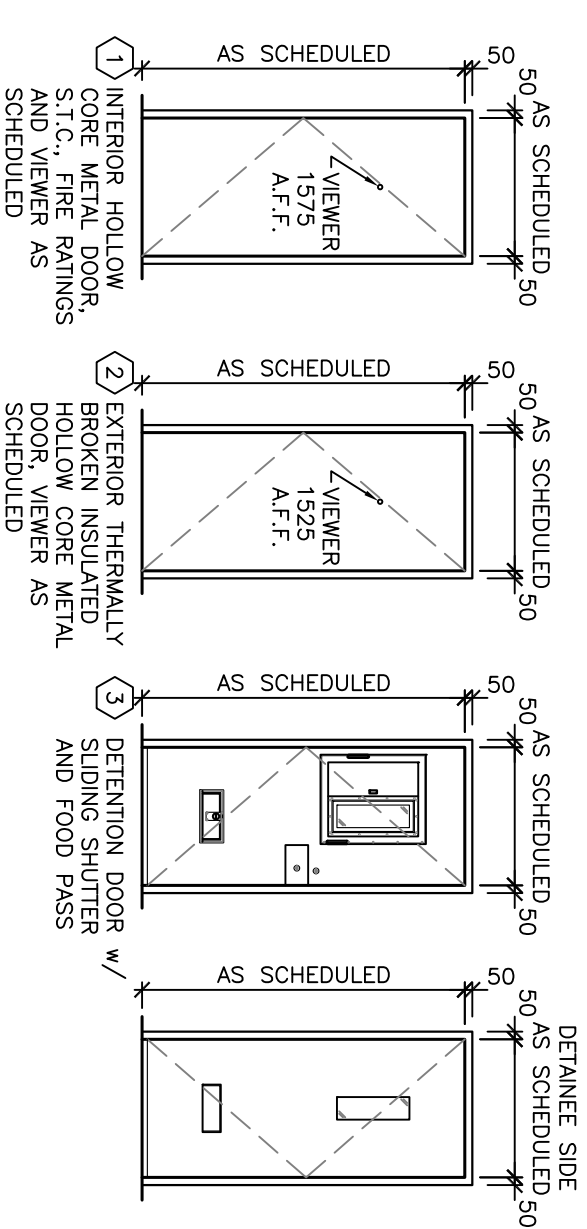


1 MAIN FLOOR REFLECTED CEILING PLAN: PROPOSED  
 A208 1:75

# DOOR SCHEDULE

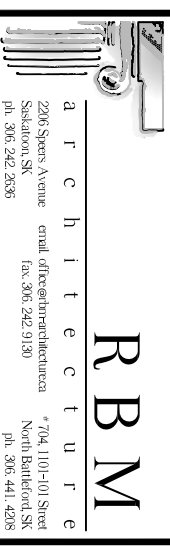
DOOR NO.	DOOR LOCATION	DOOR ROOM NO.	DOOR SIZE	DOOR		FRAME		ULC LABEL	FUNCTION (ANSI No)										REMARKS				
				TYPE	MAT'L	FINISH	MAT'L		FINISH	TYPE	BUTTS	CLOSERS	KICKPLATES	STOPS	WEATHERSTRIPPING	THRESHOLDS	ACCESSORIES						
000		000	EX'G (839x2008)	1	H.M.	PT.5	W.S.	PT.4	1	45min.	F07	A1	YES	-	K3	-	-	-	-	-	-	CONFIRM SIZE ON SITE	
001		001	900x2050	1	H.M.	PT.5	W.S.	PT.4	1	45min.	F07	A1	YES	-	K3	-	-	-	-	-	-	-	CONFIRM SIZE ON SITE
003		003	EX'G (839x1944)	1	H.M.	PT.5	W.S.	PT.4	1	45min.	F13	A1	YES	-	K3	-	-	-	-	-	-	CONFIRM SIZE ON SITE	
005		005	600x600	4	H.M.	PT.5	W.S.	PT.4	4	20min.		A1	YES	-	K2	YES	-	-	-	-	-	CONFIRM SIZE ON SITE	
102		102	EX'G (810x2030)	1	H.M.	PT.5	W.S.	PT.4	1	45min.	F01	A1	YES	-	K2	-	-	-	-	-	-	CONFIRM SIZE ON SITE	
103		103	EX'G (810x2030)	1	H.M.	PT.5	W.S.	PT.4	1	45min.	F15	A1	YES	-	K3	-	-	-	-	-	-	CONFIRM SIZE ON SITE	
105		105	EX'G (810x2030)	1	H.M.	PT.5	W.S.	PT.4	1	45min.	-	-	YES	-	-	-	-	-	-	-	-	CONFIRM SIZE ON SITE, RE-USE EX'G HARDWARE	
106.1		106.1	EX'G (868x2050)	2	H.M.	PT.5	W.S.	PT.4	2	45min.	F14	A1	YES	YES	K2	-	-	-	-	-	-	CONFIRM SIZE ON SITE. KNOB LATCHSET	
106.2		106.2	900x2050	2	H.M.	PT.3	W.S.	PT.3	2	-	F14	A2	YES	YES	K3	YES	YES	2/L1	-	-	-	KNOB LATCHSET	
108		108	900x2150	3	D.D.	PT.5	W.S.	PT.4	3(DF)	45min.	-	-	-	-	K2	-	-	L3	-	-	-	DOOR LOCK w/ KNOB, SLAM LOCK PROHIBITED	
108.1		108.1	600x2050	1	H.M.	PT.5	W.S.	PT.4	1	45min.	F18	A1	YES	-	K3	-	-	-	-	-	-	INSTALL CYLINDER PULL RING	
109		109	800x2050	1	H.M.	PT.5	W.S.	PT.4	1	45min.	F07	A1	YES	-	K2	-	-	-	-	-	-	KNOB LATCHSET, LEVER NOT PERMITTED	
111		111	813x2017	1	H.M.	PT.5	W.S.	PT.4	1	45min.	F01	A1	YES	-	K2	-	-	-	-	-	-	CONFIRM SIZE ON SITE	
111.1		111.1	EX'G (810x2030)	1	WD.	PT.5	WD.	PT.4	1	-	F07	A1	-	-	-	-	-	-	-	-	-	CONFIRM SIZE ON SITE	
101		101	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	F15	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	REPLACE DOOR EXIT LATCH AS PER NOTE 13	
114		114	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	F15	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	EX'G	REPLACE DOOR EXIT LATCH AS PER NOTE 13	

### DOOR AND FRAME TYPES



### DOORS, FRAMES, & HARDWARE:

- EXTERIOR DOORS & FRAMES SHALL BE INSULATED & WEATHER-STRIPPED. INSULATE JAMB EXTENSIONS AS PER DETAILS
- ACOUSTICAL FRAMES: INSULATE TO EQUAL DOOR S.T.C. INSTALL SEAL AND SWEEP AS PER HARDWARE
- RATED DOORS w/ DOOR VIEWERS TO MAINTAIN FIRE PROTECTION RATING AS REQUIRED. DOOR MANUFACTURER TO INSTALL DOOR VIEWERS IF NECESSARY TO MAINTAIN RATING
- INSTALL DOOR VIEWER AS PER "ADVANCED SAFETY DEVICES" MODEL No. DS238 DOOR SCOPE ([www.safety-devices.com](http://www.safety-devices.com))
- SLIDING SHUTTER LEXAN/MARGUARD POLY-CARBONATE GLAZING TO ACHIEVE MINIMUM OF 75 FLAME SPREAD RATING AS PER CAN/ULC S102.2-03
- SUBMIT SHOP DRAWINGS FOR DOORS, FRAMES, HARDWARE
- CAULK PERIMETER OF INTERIOR DOOR FRAMES TO SUIT
- ALL SALVAGED KEYS AND LOCKS TO BE TURNED OVER TO OWNER
- KEYING INFORMATION TO BE PROVIDED BY CLIENT
- DOOR FRAMES TYPE-3 SHALL BE ANCHORED IN-PLACE AND WELDED SECURE
- EXISTING DOOR SIZES SHOWN FOR REFERENCE ONLY, CONFIRM ALL FINAL SIZES ON SITE
- ALL FIRE PROTECTION RATED DOORS SHALL HAVE A FIRE PROTECTION RATING LABEL AND INSTALLED w/ OPERABLE CLOSER MECHANISM AS REQUIRED, AND INSTALLED IN ACCORDANCE w/ N.F.P.A. #80, 2007 EDITION, TYPICAL
- REPLACE EXISTING DOOR EXIT LATCH HARDWARE w/ THUMB TURN TO NEW SINGLE RELEASING OPERATION EXIT LATCH HARDWARE F15 FUNCTION IN ACCORDANCE w/ NBCC 2010 3.3.1.13, AND 3.4.6.16



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CLIENT:



**Canada**

PROJECT:

SHAUNAVON  
POLICE BUILDING  
RENOVATIONS  
SHAUNAVON, SASKATCHEWAN

DRAWING:

DOOR AND  
HARDWARE SCHEDULE

PROJECT No: 6510-13 SCALE: AS NOTED

DATE: 2013/10/11 DRAWN BY: CG

SHEET No: A209 PLOT No: 1

# ROOM FINISH SCHEDULE

ROOM No.	FLOOR MATERIAL	BASE MATERIAL	WALLS - MATERIAL FINISH				CEILING		S.T.C. RATING	F.R.R. RATING	REMARKS			
			NORTH	EAST	SOUTH	WEST	MATERIAL	HEIGHT AFF						
001	EX'G	EX'G	EX'G GB	EX'G PT	EX'G GB	EX'G PT	GB	PT.1	PT.1	TYPE-X GB/PT.1	±2150	-	1Hr	-
003	EX'G	EX'G	EX'G GB	EX'G PT	EX'G GB	EX'G PT	GB	PT.1	PT.1	TYPE-X GB/PT.1	±2150	-	1Hr	-
105	EX'G	EX'G	EX'G GB	PT.1	EX'G GB	PT.1	GB	PT.1	PT.1	TYPE-X GB/PT.1	±2600	-	-	-
106	EX'G SV	EX'G RB	EX'G GB	EX'G PT	EX'G GB	PT.1	GB	PT.1	PT.1	EX'G GB/PT.1	±2600	-	-	-
107	EX'G SV	EX'G RB	GB	PT.1	EX'G GB	PT.1	EX'G GB	PT.1	PT.1	EX'G GB/PT.1	±2600	-	-	-
108	SV-1	EPOXY CAULK	PLY	PT.2	PLY	PT.2	PLY	PT.2	PT.2	PLY / PT.2.	±2600	-	-	NO SHARP PLY EDGES ON WALLS
108.1	SV-1	RB-1	GB	PT.1	GB	PT.1	GB	PT.1	PT.1	GB / PT.1	±2600	-	-	-
109	SV-1	RB-1	GB	PT.1	GB	PT.1	GB	PT.1	PT.1	GB / PT.1	±2600	-	-	INSTALL WALL PROTECTION @ 600 A.F.F.
111	EX'G	PANEL 600 A.F.F.	EX'G GB	PT.1	EX'G GB	PT.1	EX'G GB	PT.1	PT.1	EX'G GB/PT.1	±2600	-	-	PATCH AND PAINT WALL AS PER PLANS
114	EX'G SV	EX'G RB	EX'G GB	EX'G PT	EX'G CMU	PT.1	EX'G GB	EX'G PT	EX'G GB	PT.1	±3000	-	-	PATCH AND PAINT WALL AS PER PLANS

### ASSEMBLIES WALL TYPES:

- W1** WALL TYPE-1: INTERIOR WALL  
13 G1S FIRE RETARDANT EPOXY PAINTED PLYWOOD  
13 PLYWOOD BACKER BOARD  
38x140 WOOD STUDS @ 3000.c.  
140 MINERAL WOOL BATT INSULATION  
13 PLYWOOD BACKER BOARD  
13 TYPE-X GYPSUM BOARD
- W2** WALL TYPE-2: INTERIOR WALL (FIRE RATED WALL)  
16 TYPE-X GYPSUM BOARD  
38x89 WOOD STUDS @ 3000.c.  
16 TYPE-X GYPSUM BOARD
- W3** WALL TYPE-3: EXISTING INTERIOR (FIRE RATED WALL)  
13 G1S FIRE RETARDANT EPOXY PAINTED PLYWOOD  
13 PLYWOOD BACKER BOARD  
16 TYPE-X GYPSUM BOARD  
EXISTING 38x89 WOOD STUDS @ 3000.c.  
EXISTING 13 PLYWOOD BACKER BOARD  
16 TYPE-X GYPSUM BOARD
- W4** WALL TYPE-4: EXISTING EXTERIOR WALL:  
EXISTING BRICK CLADDING  
EXISTING AIR SPACE  
EXISTING AIR BARRIER/SHEATHING WRAP  
EXISTING SHEATHING  
EXISTING WOOD STUDS  
EXISTING BATT INSULATION  
NEW 6mil POLY VAPOR BARRIER  
13 PLYWOOD BACKER BOARD  
13 G1S FIRE RETARDANT EPOXY PAINTED PLYWOOD
- W5** WALL TYPE-5: EXISTING EXTERIOR WALL:  
EXISTING BRICK CLADDING  
EXISTING AIR SPACE  
EXISTING AIR BARRIER/SHEATHING WRAP  
EXISTING SHEATHING  
EXISTING WOOD STUDS  
EXISTING BATT INSULATION  
NEW 6mil POLY VAPOR BARRIER  
13 PLYWOOD BACKER BOARD

### ASSEMBLIES CEILING TYPES:

- C1** CEILING FINISH:  
FIRE RETARDANT G.1.S. PLYWOOD  
EPOXY PAINT c/w SECURITY SEALANT AS SPECIFIED
- C2** CEILING FINISH:  
EPOXY PAINT c/w SECURITY SEALANT AS SPECIFIED  
FIRE RETARDANT G.1.S. PLYWOOD  
2-LAYERS 12mm TYPE-X GYPSUM BOARD
- C3** 1 HOUR RATED CEILING FINISH:  
TWO LAYERS 16mm TYPE-X GYPSUM BOARD  
140 MINERAL WOOL BATT INSULATION  
EXISTING MAIN FLOOR STRUCTURE

### ASSEMBLIES:

1. FIRE-STOP AND SMOKE SEAL WALLS w/ FIRE RESISTANCE RATINGS AS REQUIRED
2. INSTALL SOLID BLOCKING IN STUD WALLS FOR ALL WALL HUNG FIXTURES, AND EQUIPMENT, TYPICAL

### FLOORING FINISHES:

- RESILIENT BASE: RUBBER BASE, AS PER SPECIFICATION
- SHEET VINYL MARMOLEUM AS PER SPECIFICATION, INSTALLED SEAMLESS WITHIN EACH ROOM, REFER TO DETAILS AT WALL JUNCTIONS, TYP.

### PAINT FINISHES:

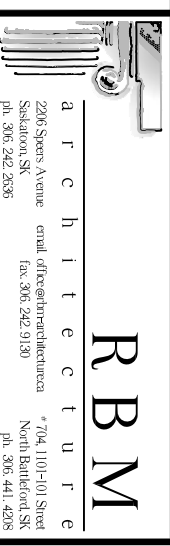
- PAINT 1 (WALL AND CEILINGS)
- PAINT 2 (ROOM 105, 106, 108)
- PAINT 3 (EXTERIOR DOOR AND FRAME)
- PAINT 4 (DOOR FRAME)
- PAINT 5 (DOOR)

### WALL PANEL:

- 109: SHEET WALL PROTECTION PANEL AS PER "ALTRO-WHITELOCK" HYGIENIC WALL SYSTEM. INSTALL SEAMLESS w/ TEXTURED FINISH, CAULK PERIMETER EDGES TO WALL w/ TRANSLUCENT CAULKING.

### FINISHES AND MISC. HARDWARE:

1. TYPICAL: PAINTING SHALL INCLUDE, BUT NOT BE LIMITED TO: INTERIOR AND EXTERIOR EXPOSED DUCTWORK, LOUVERS, AND MISC. TRIM OTHER THAN ARCHITECTURAL STAINLESS STEEL
2. TYPICAL PAINT NOTE: AS PER 0-VOC, HIGHLY WASHABLE, SCRUBBABLE, ONE (1) COAT PRIMER, MINIMUM TWO (2) COATS FINAL. STANDARD OF ACCEPTANCE - NO VISIBLE DEFECTS FROM 1m DISTANCE. COLOURS BY OWNER
3. ALL PAINT WITHIN ROOM 108 IS TO BE EPOXY PAINT. APPROVED PRODUCT IS PRIMER FLAME CONTROL 1010, TOP COAT IS FLAME CONTROL 2020. EPOXY PAINT APPLIED OVER PLYWOOD IN THE PROVOST AREA SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS AS PER NBCC 2010; 3.1.12.1 AND 3.1.13.2
4. ALL FASTENERS IN CELL INTERIORS TO BE TAMPER RESISTANT SECURITY SCREWS, U.N.O. (CENTER PINNED SECURITY TORX HEAD)
5. ALL FINISHES AS PER SPECIFICATION, CONFIRM APPROVAL OF FINAL COLORS PRIOR TO EXECUTION FINAL PAINT COLORS TO BE APPROVED, PRIOR TO ORDERING, TYPICAL
6. PREPARE ALL SURFACES AS REQUIRED FOR FINISHES AS PER SPECIFICATION AND IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS, TYPICAL
7. REFER TO REFLECTED CEILING PLANS & SCHEDULES FOR CEILING FINISHES
8. EPOXY PAINT APPLIED OVER PLYWOOD IN ROOMS 105, 106, 108 SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS AS PER NBCC 2010; 3.1.12.1, AND 3.1.13.2.



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PROJECT:

SHAUNAVON  
POLICE BUILDING  
RENOVATIONS  
SHAUNAVON, SASKATCHEWAN

DRAWING:

ROOM FINISH SCHEDULE  
NOTES AND ASSEMBLIES

PROJECT No: 6510-13    SCALE: AS NOTED

DATE: 2013/10/11    DRAWN BY: CG

SHEET No: 1    PLOT No: 1

A210

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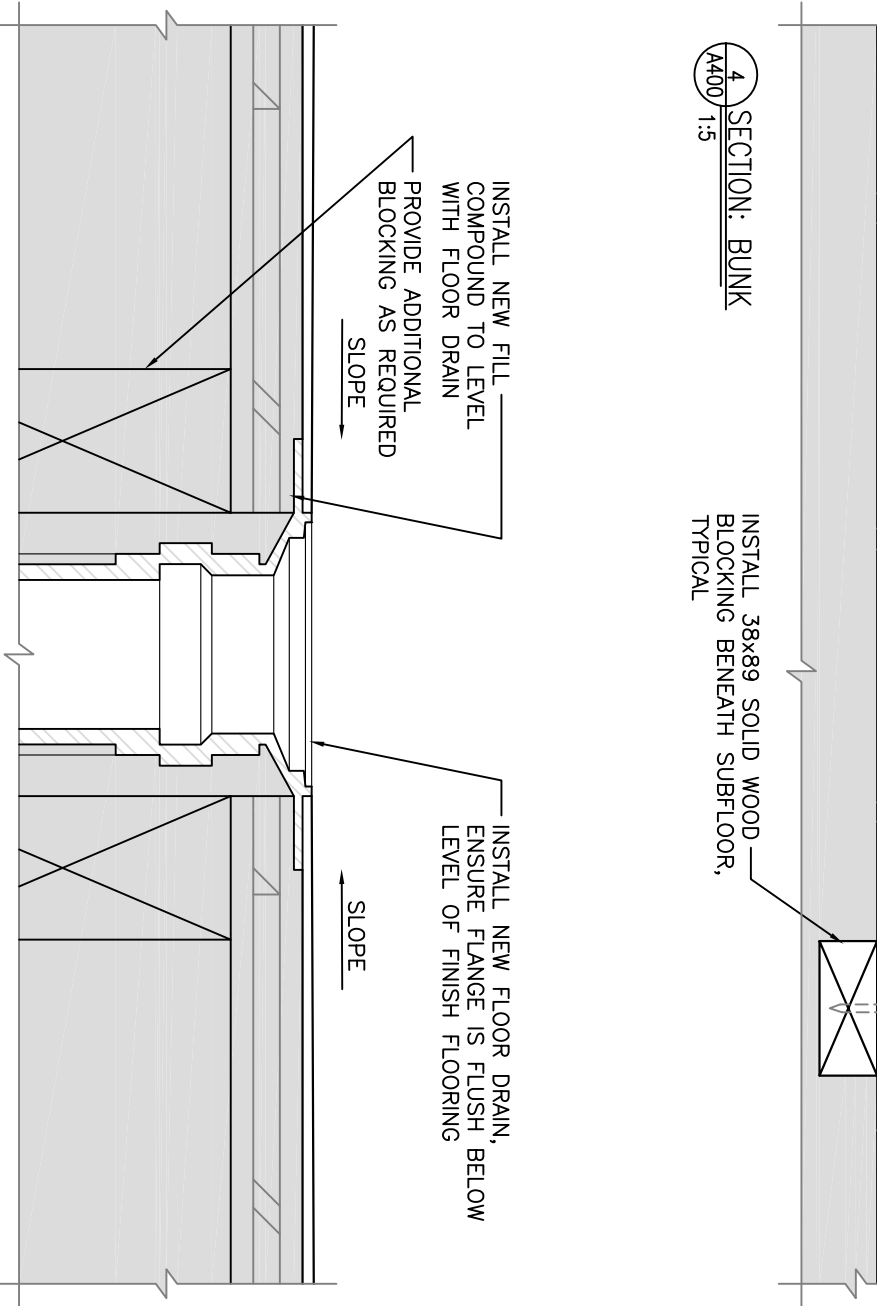
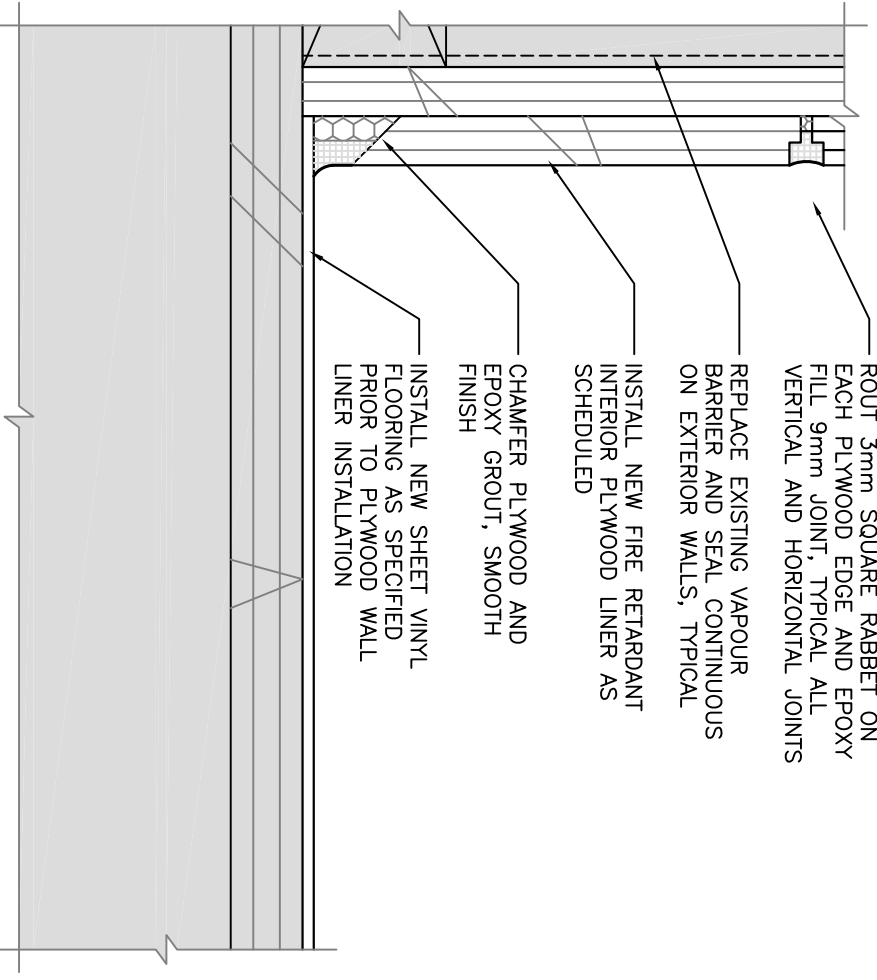
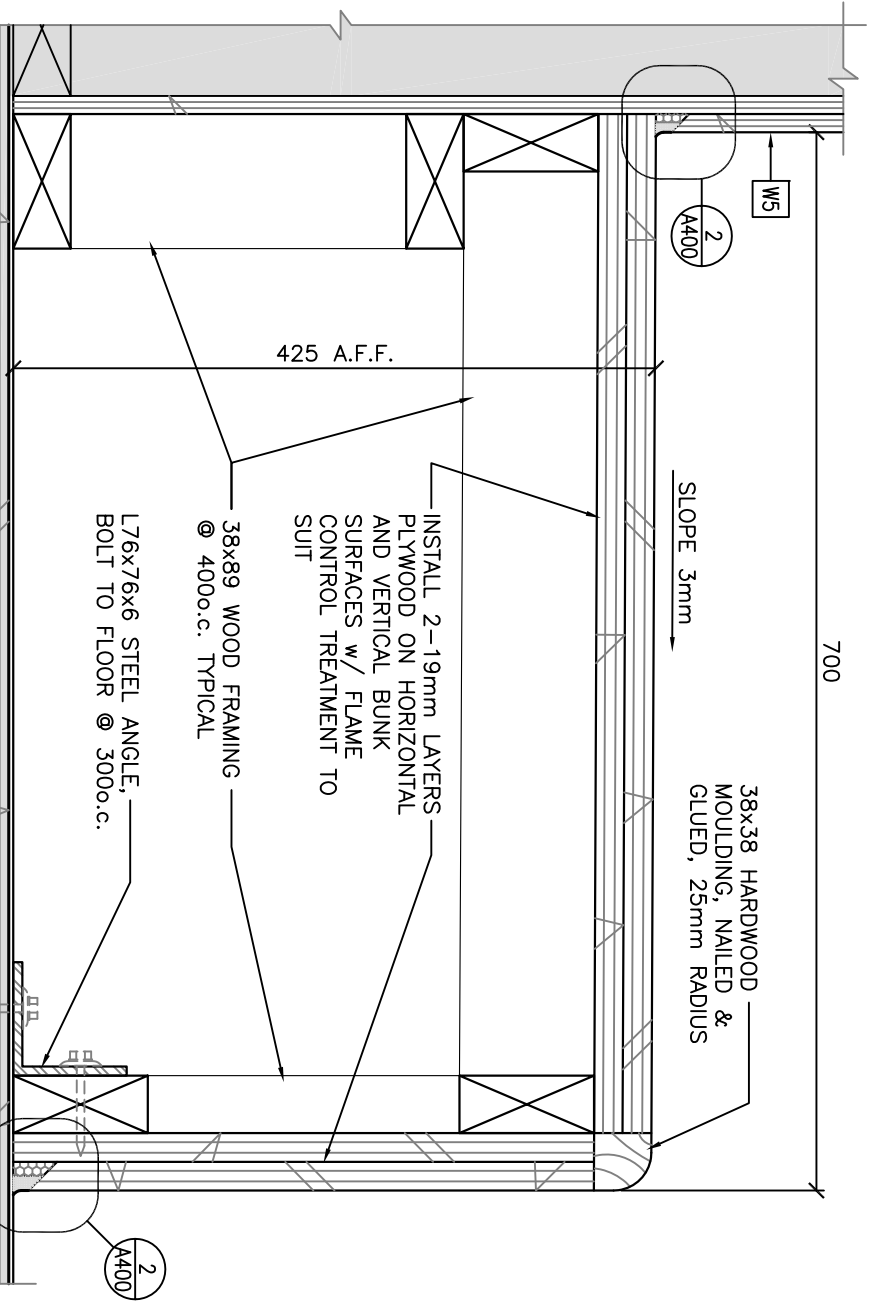
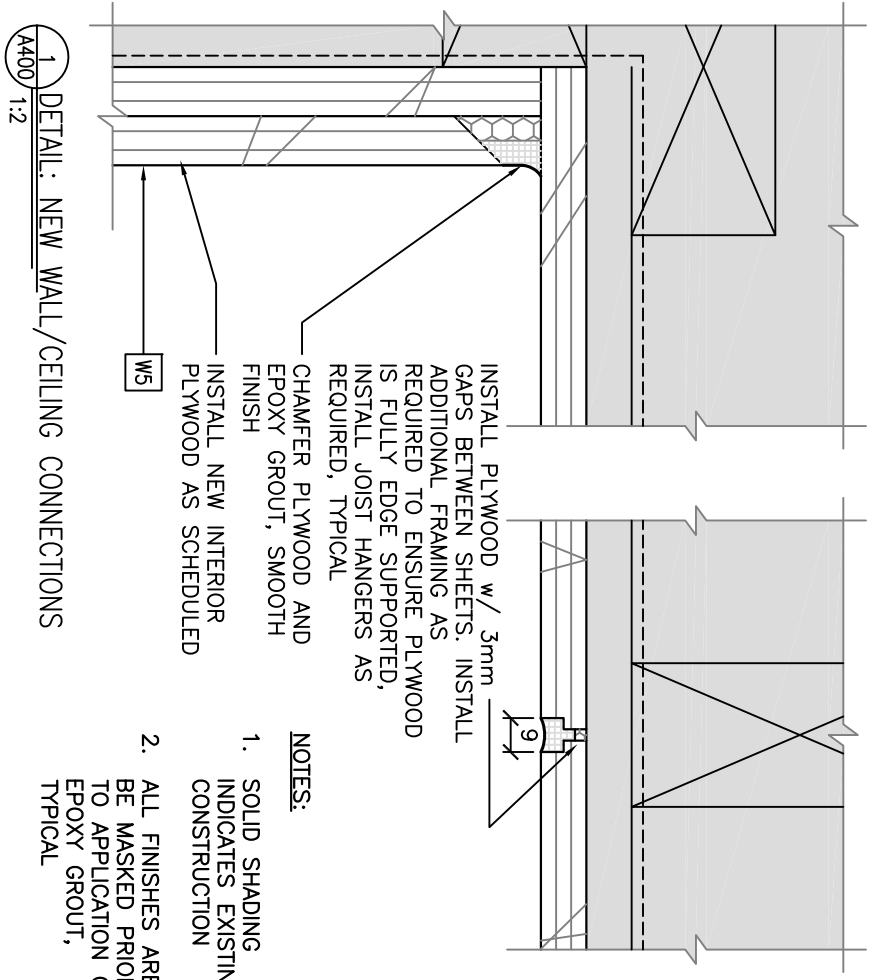


**Canada**

PROJECT: SHAUNAVON POLICE BUILDING RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING: DETAILS:  
 ROOM 108 FINISHES

PROJECT No:	6510-13	SCALE:	AS NOTED
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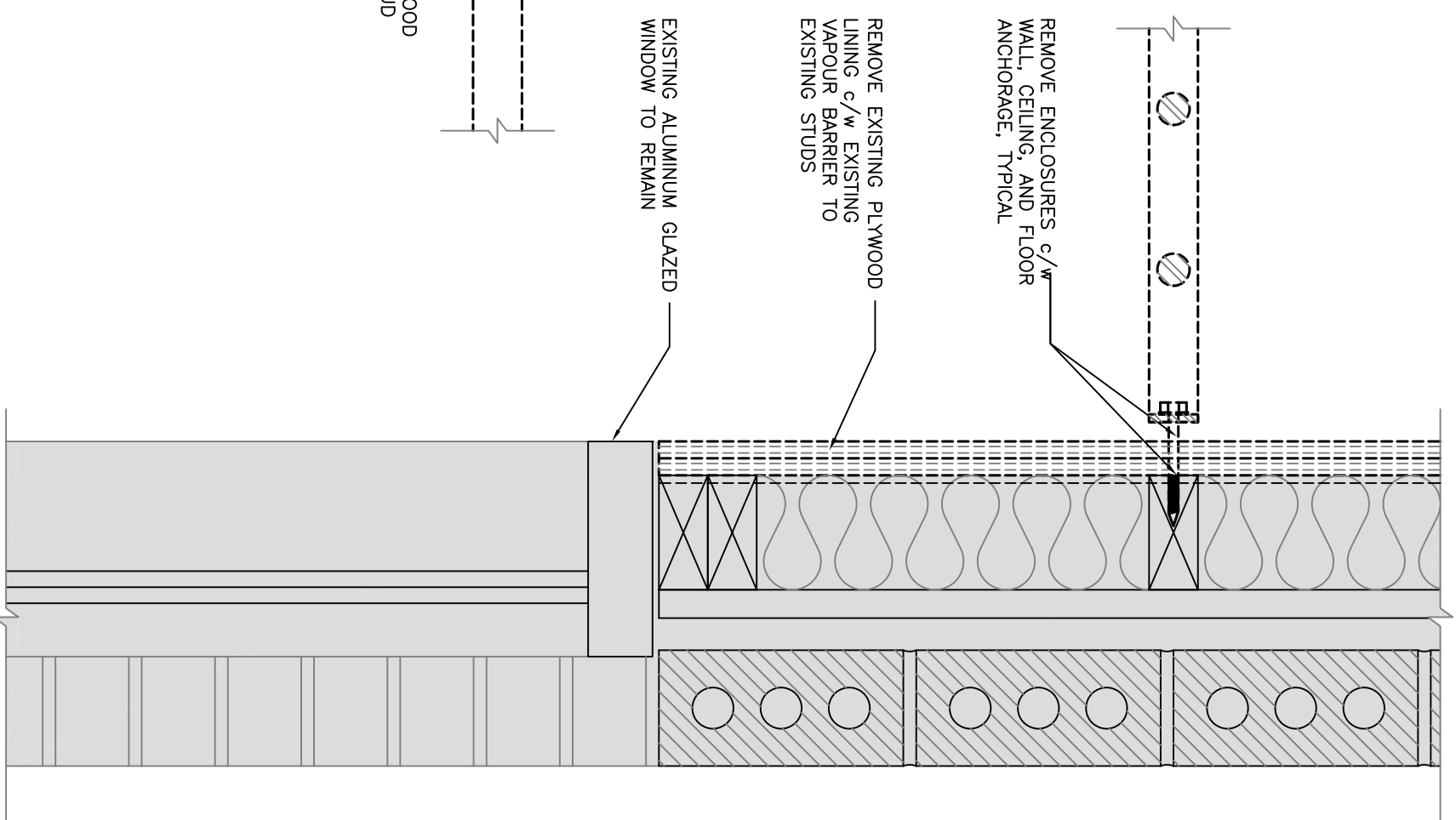
**Canada**

PROJECT:  
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 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

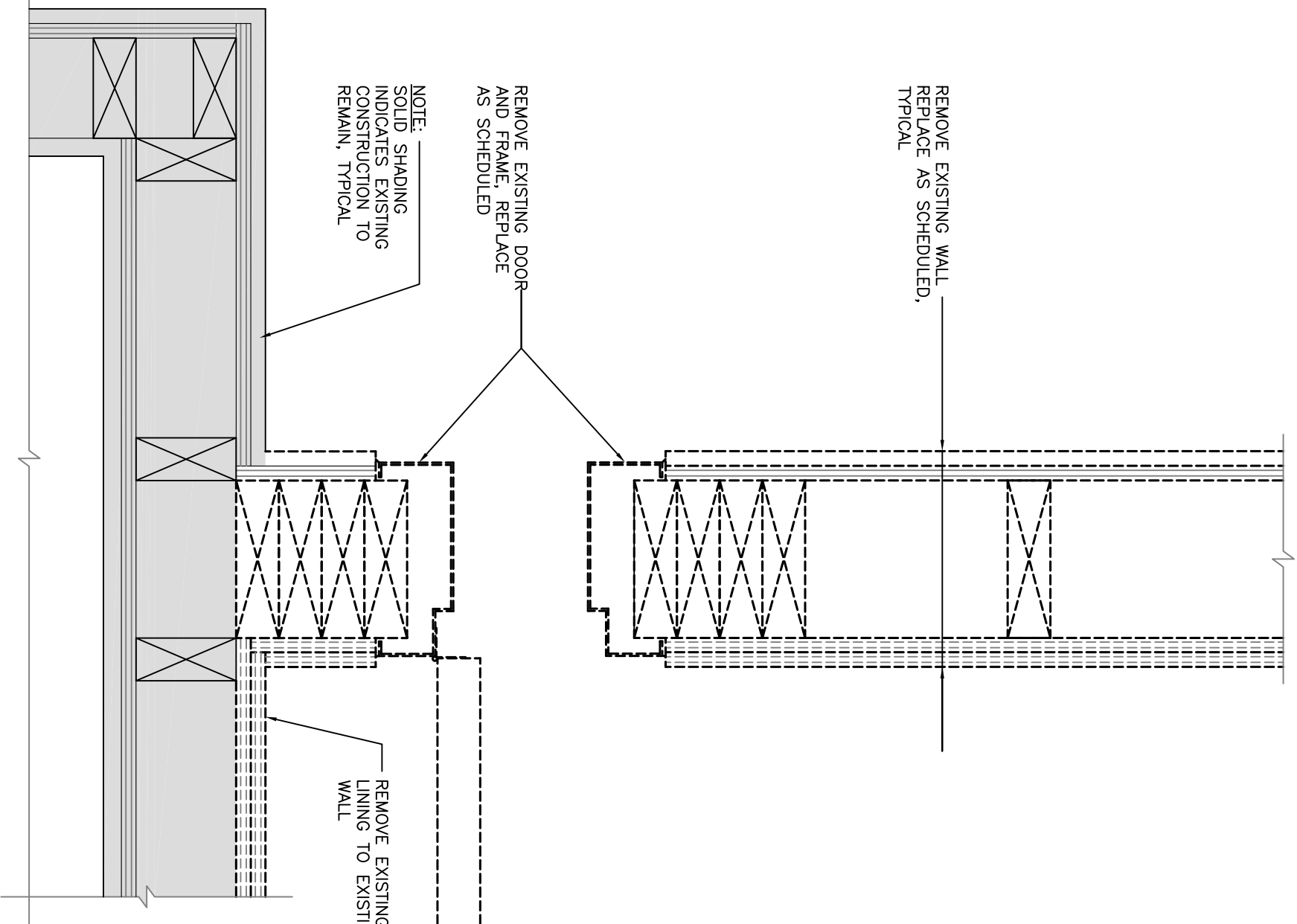
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 DETAILS:  
 ROOM 108 WALLS

PROJECT No: 6510-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: CG
SHEET No: A401	PLOT No: 1

2 PLAN DETAIL: WINDOW  
 A401 1:5



1 PLAN DETAIL: DOOR DEMOLITION  
 A401 1:5



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PROJECT:

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 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

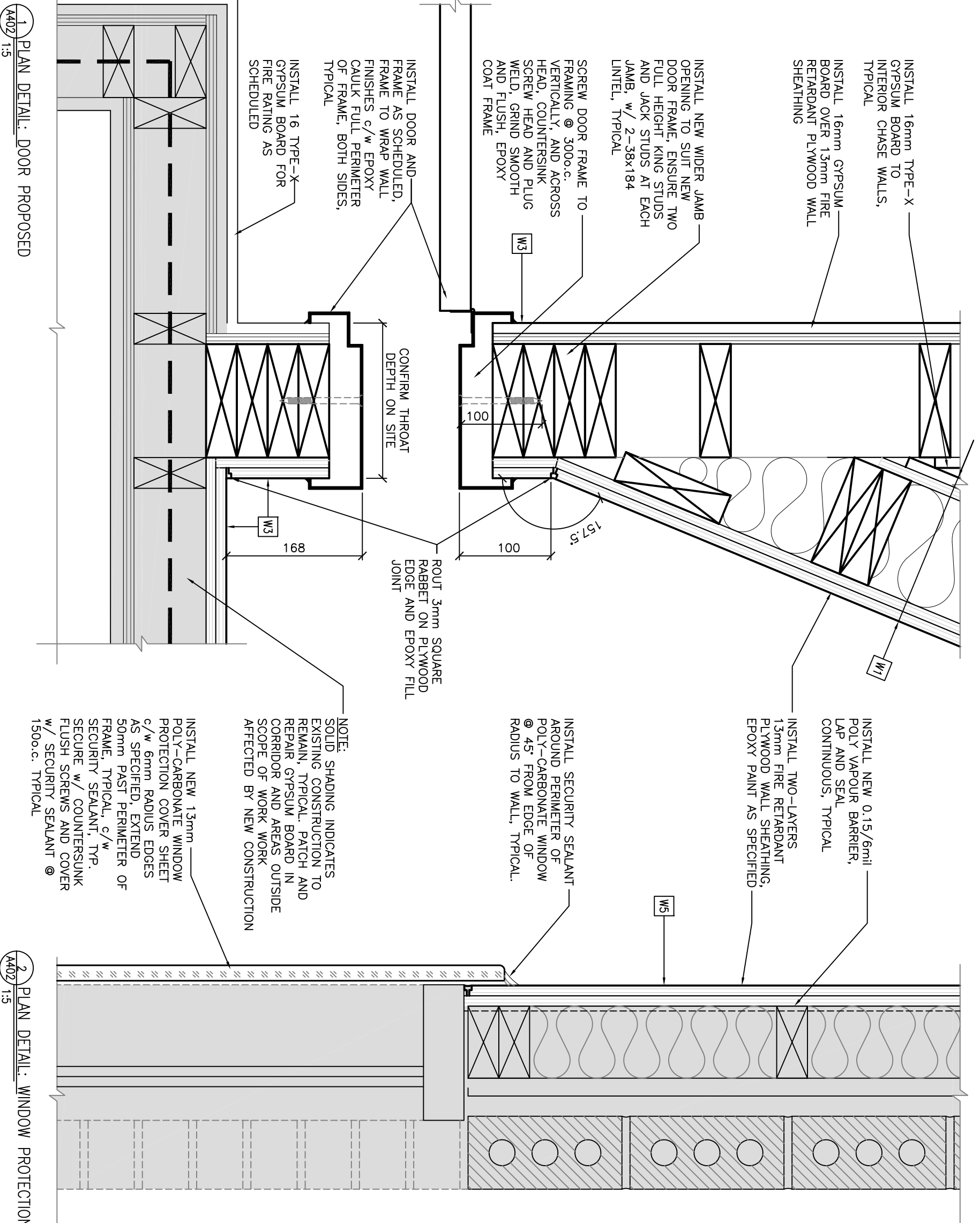
DRAWING:

DETAILS:  
 ROOM 108 WALLS

PROJECT No: 6510-13  
 SCALE: AS NOTED

DATE: 2013/10/11  
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SHEET No: 1 PLOT No: 1





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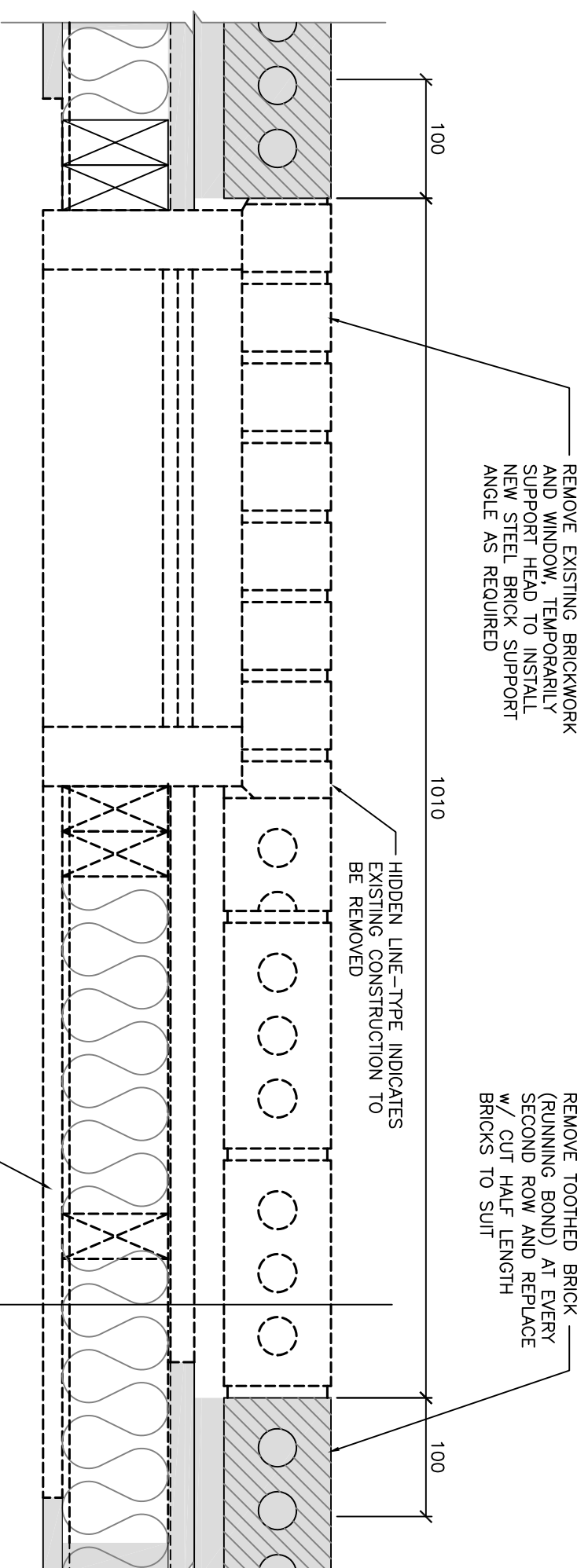
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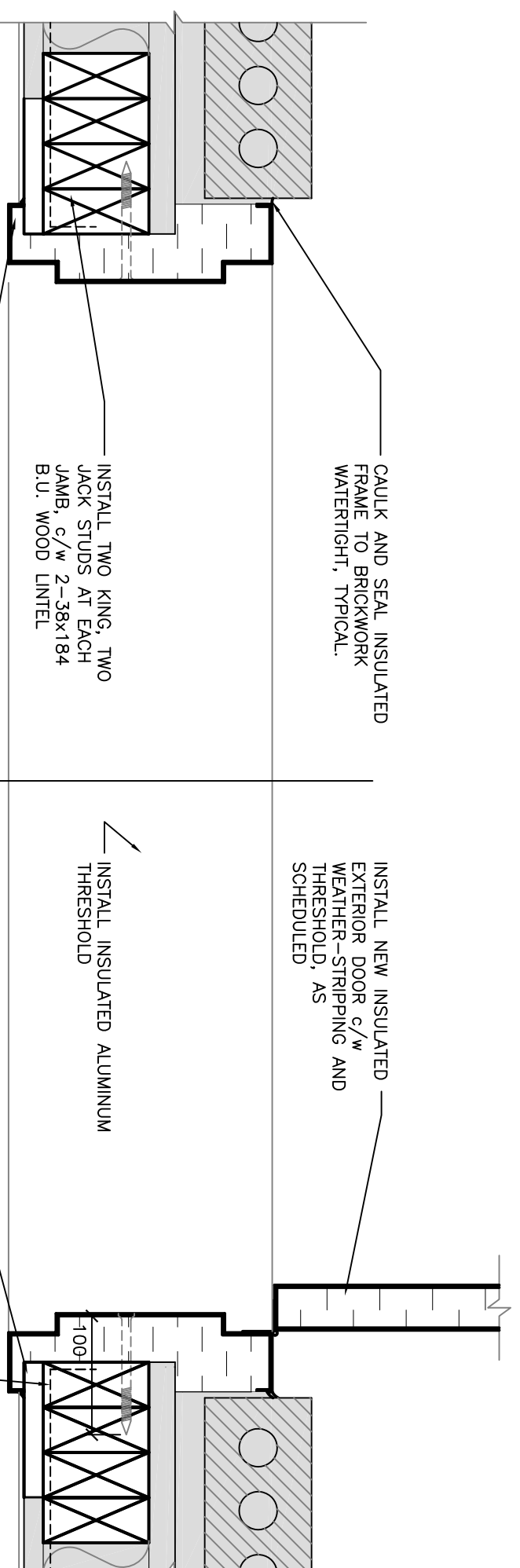
DRAWING:

DETAILS:  
 DOOR 106.2

PROJECT No:	6510-13	SCALE:	AS NOTED
DATE:	2013/10/11	DRAWN BY:	CG
SHEET No:		PLOT No:	1



1 PLAN DETAIL: DOOR 106.2 JAMB DEMOLITION  
 A403 1:5



2 PLAN DETAIL: DOOR 106.2 JAMB CONSTRUCTION  
 A403 1:5

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 POLICE BUILDING  
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 SHAUNAVON, SASKATCHEWAN

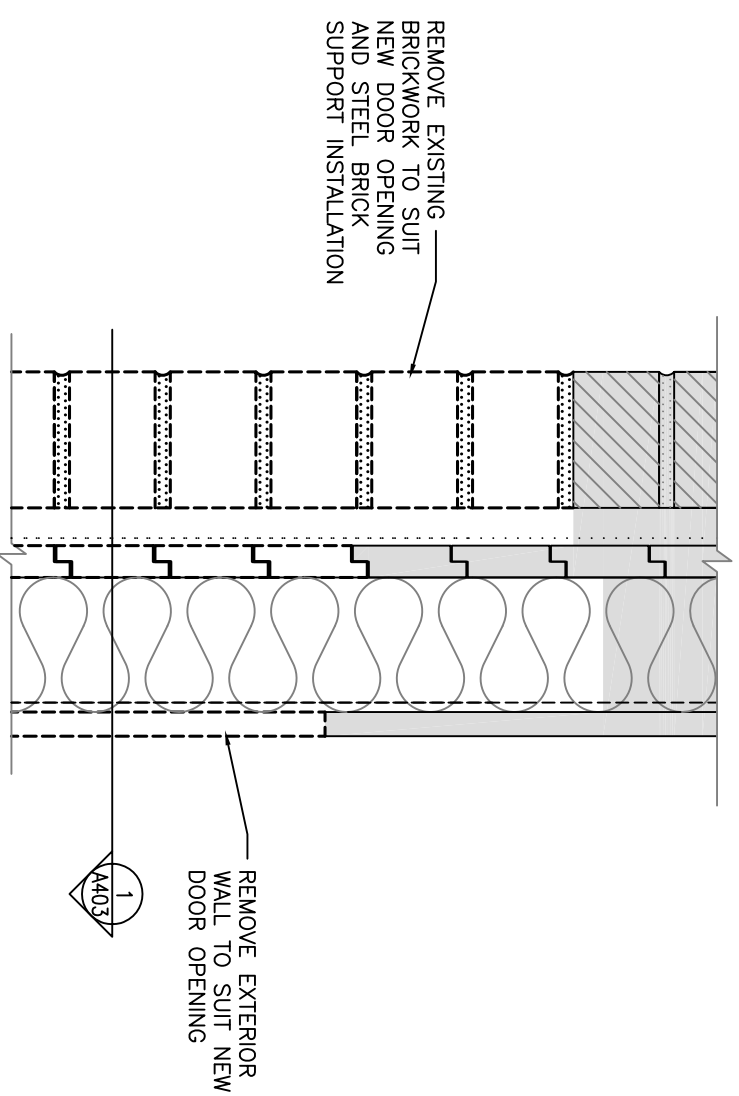
DRAWING:

DETAILS  
 DOOR 106.2

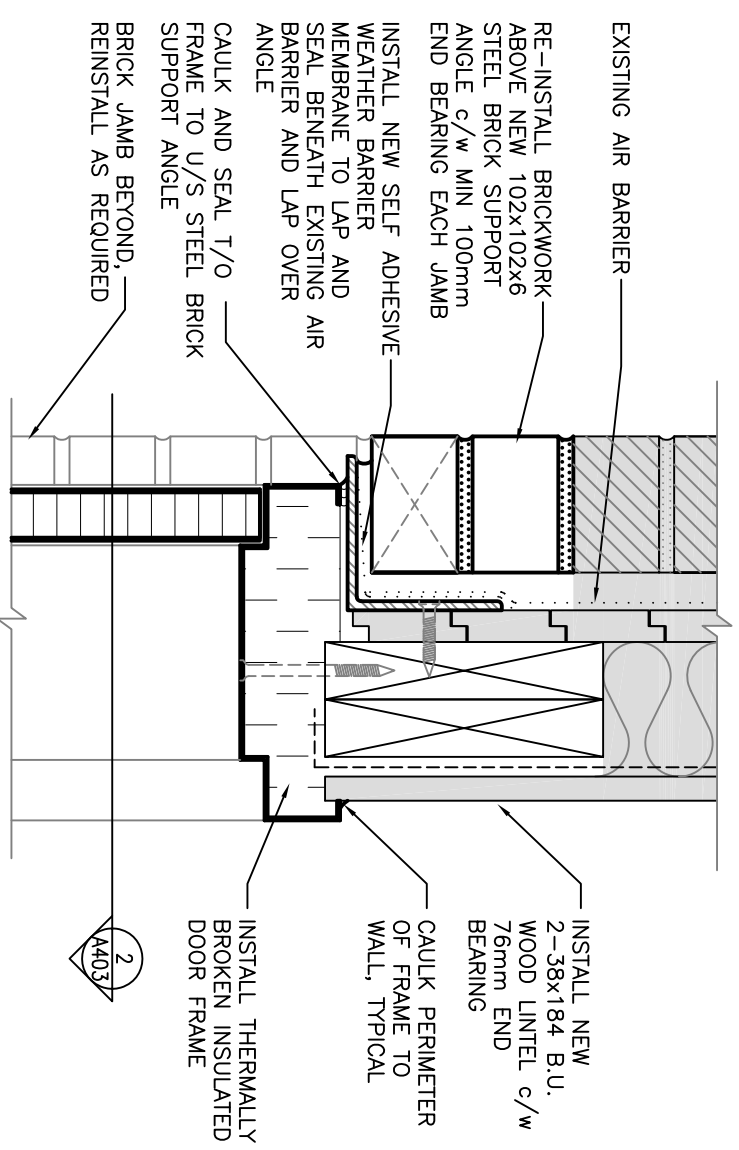
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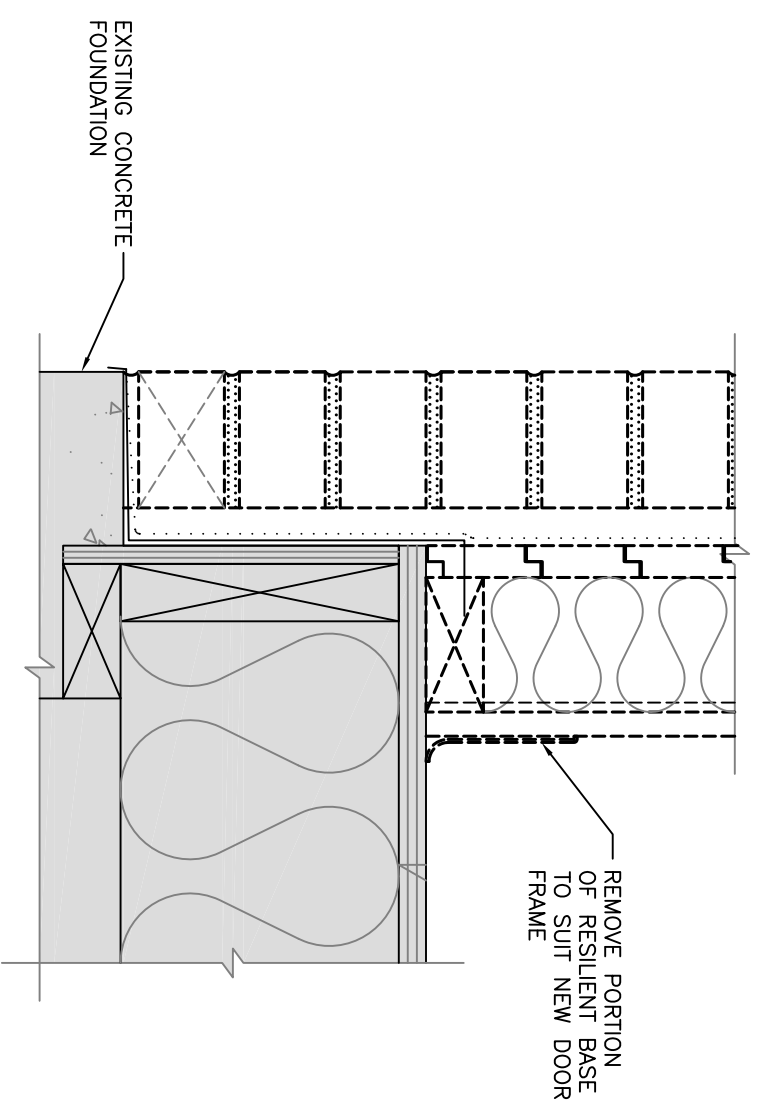
SHEET No: A404 PLOT No: 1



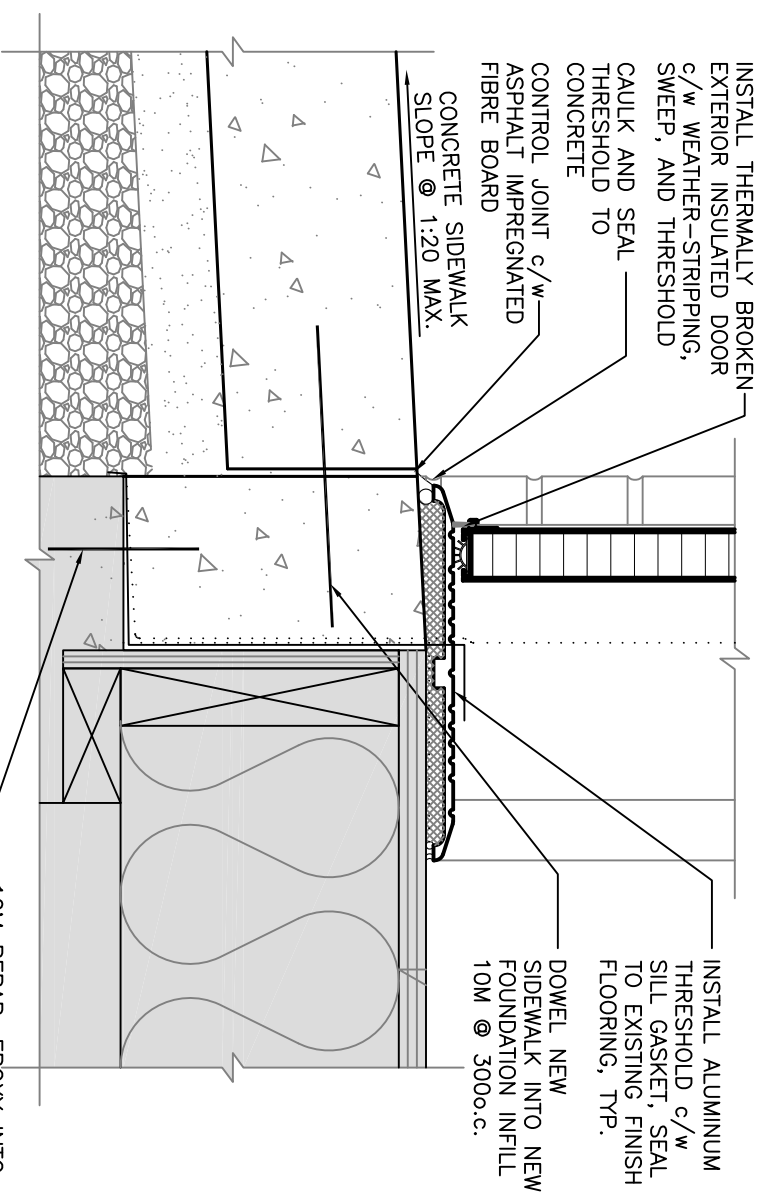
1 DETAIL: DOOR 106.2 HEAD DEMOLITION  
 A404/1:5



3 DETAIL: DOOR 106.2 HEAD CONSTRUCTION  
 A404/1:5



2 DETAIL: DOOR 106.2 THRESHOLD DEMOLITION  
 A404/1:5



4 DETAIL: DOOR 106.2 THRESHOLD CONSTRUCTION  
 A404/1:5

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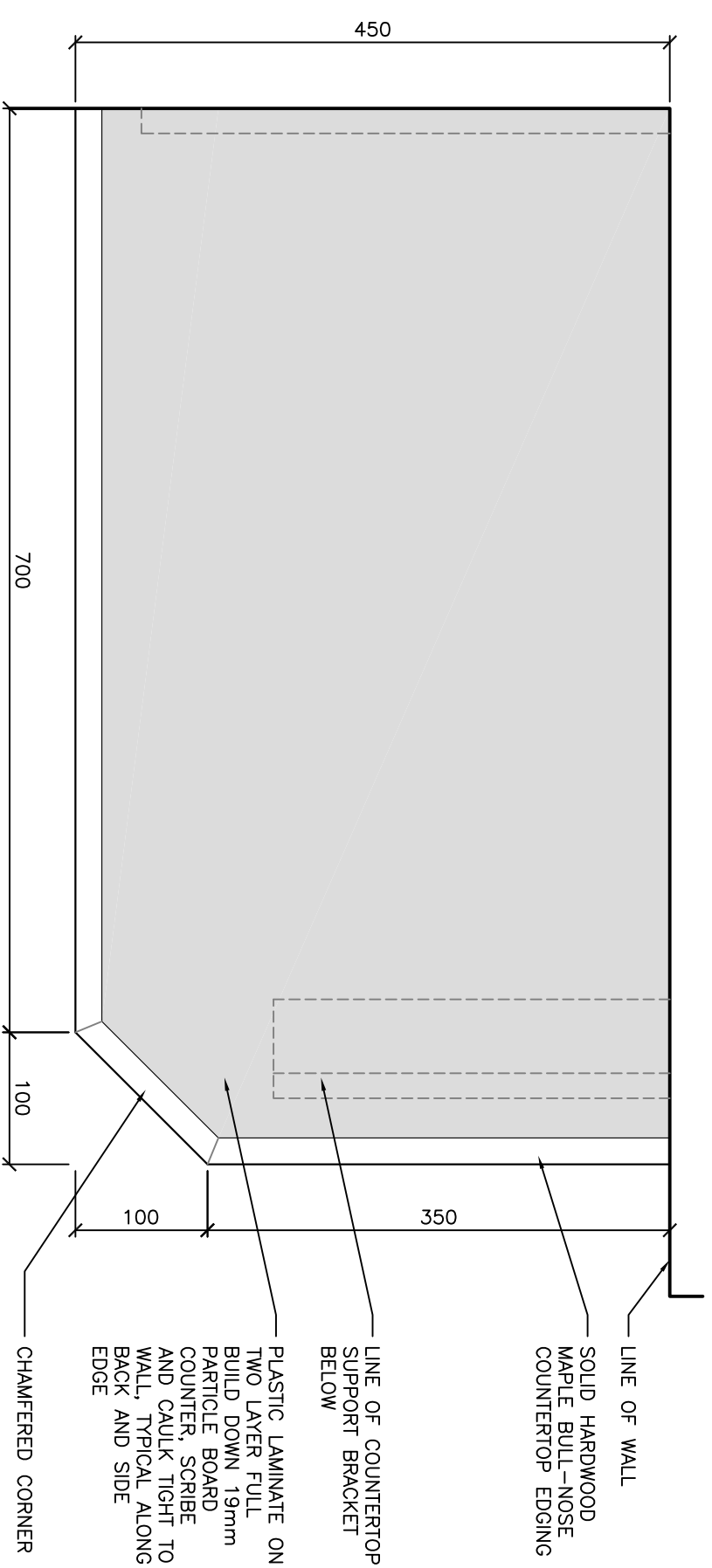


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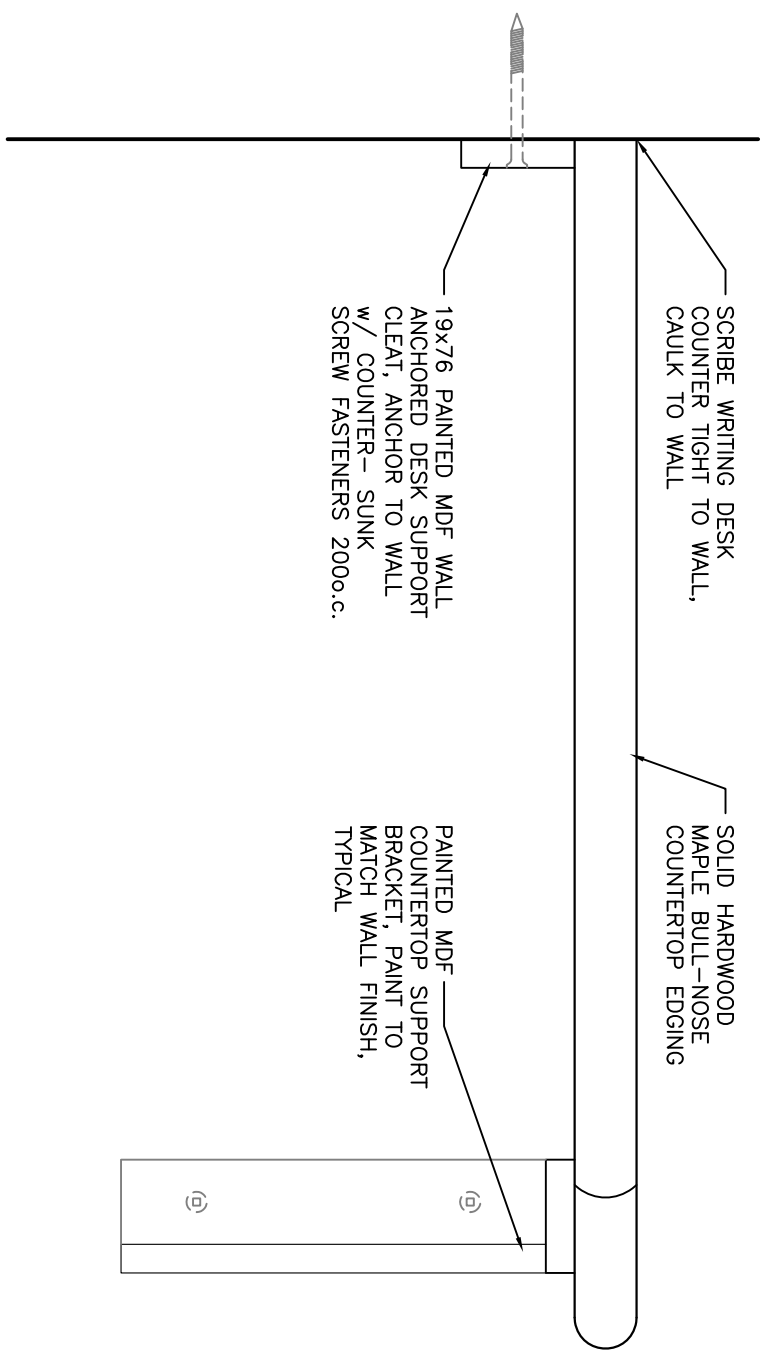
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DRAWING:  
 DETAILS  
 MILLWORK

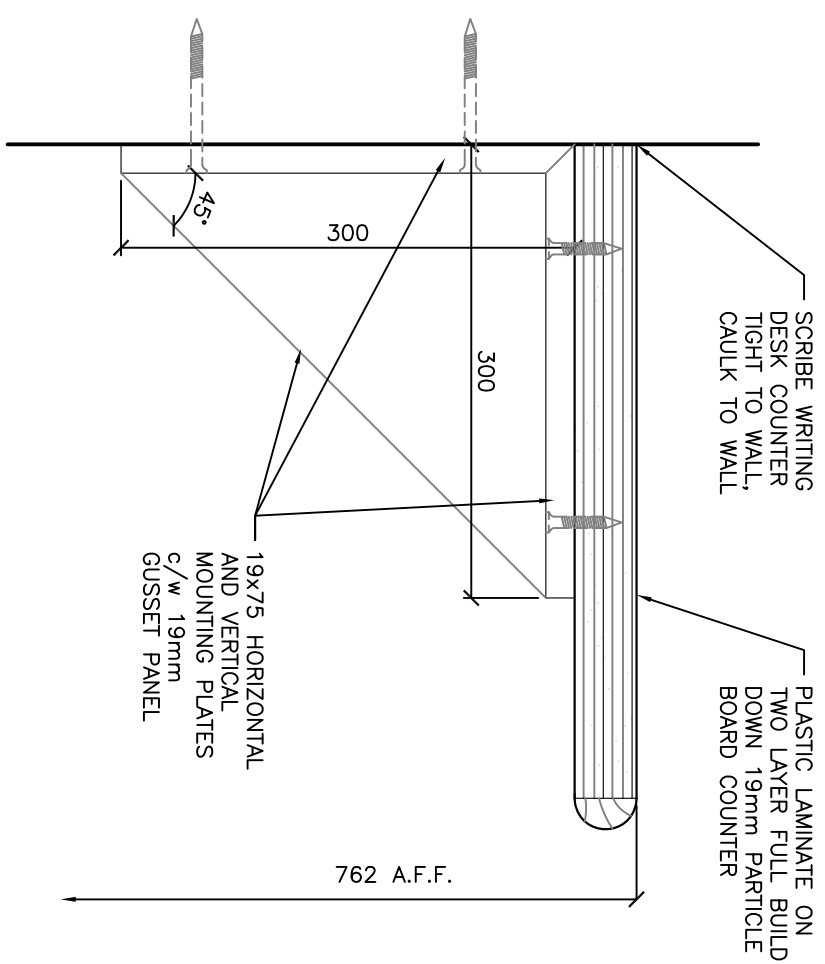
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DATE: 2013/10/11	DRAWN BY: CG
SHEET No: 1	PLOT No: 1



1 PLAN ELEVATION: GUARD WRITING DESK  
 A405 1:5



2 ELEVATION: GUARD WRITING DESK  
 A405 1:5



3 SECTION: GUARD WRITING DESK  
 A405 1:5

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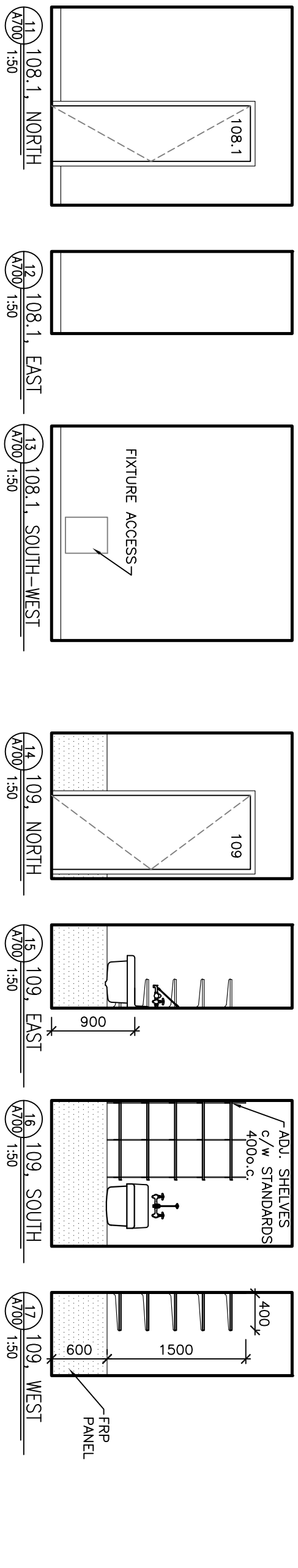
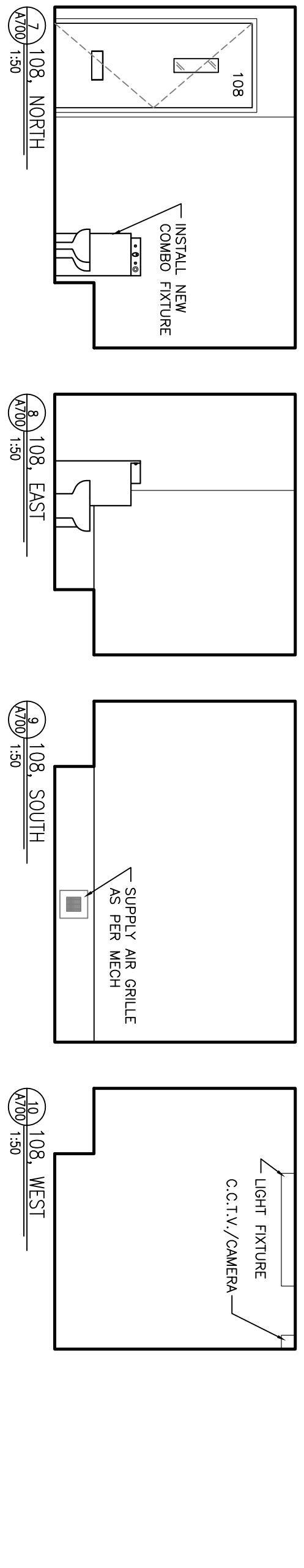
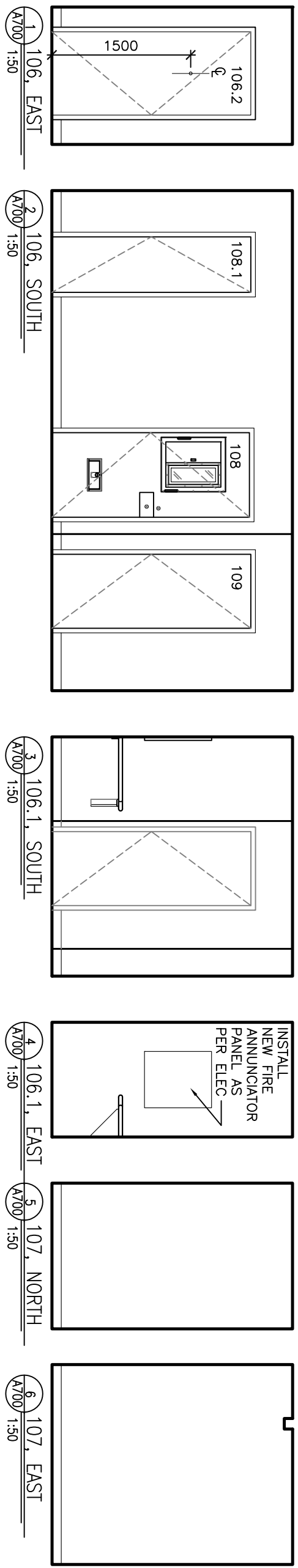
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PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:

INTERIOR ELEVATIONS

PROJECT No:	6510-13	SCALE:	AS NOTED
DATE:	2013/10/11	DRAWN BY:	CG
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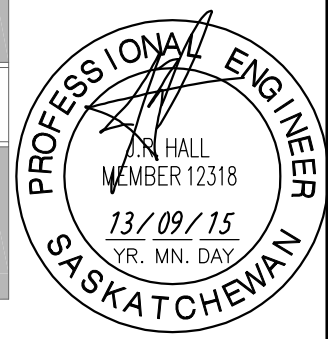
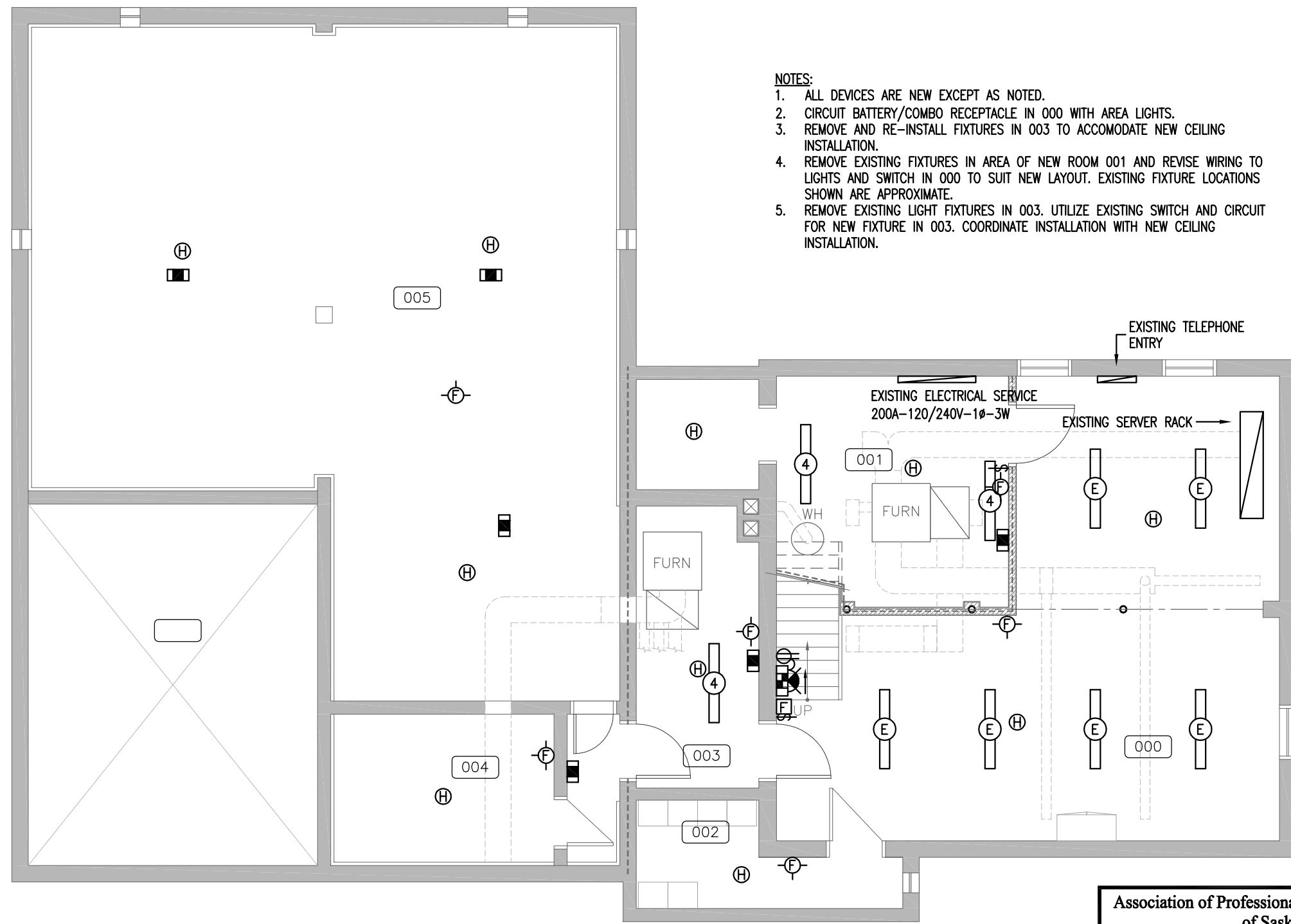
DRAWING:  
 BASEMENT PLAN:  
 ELECTRICAL

PWA 7515a	
PROJECT No: 651a-13	SCALE: AS NOTED
DATE: 2013/09/15	DRAWN BY: ARZ
SHEET No:	PLOT No: 0

E200

**NOTES:**

1. ALL DEVICES ARE NEW EXCEPT AS NOTED.
2. CIRCUIT BATTERY/COMBO RECEPTACLE IN 000 WITH AREA LIGHTS.
3. REMOVE AND RE-INSTALL FIXTURES IN 003 TO ACCOMODATE NEW CEILING INSTALLATION.
4. REMOVE EXISTING FIXTURES IN AREA OF NEW ROOM 001 AND REVISE WIRING TO LIGHTS AND SWITCH IN 000 TO SUIT NEW LAYOUT. EXISTING FIXTURE LOCATIONS SHOWN ARE APPROXIMATE.
5. REMOVE EXISTING LIGHT FIXTURES IN 003. UTILIZE EXISTING SWITCH AND CIRCUIT FOR NEW FIXTURE IN 003. COORDINATE INSTALLATION WITH NEW CEILING INSTALLATION.



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**CERTIFICATE OF AUTHORIZATION**  
**PWA Engineering Ltd.**  
 Number C033  
 Permission to Consult held by:  
 Discipline: ELECTRICAL Sk. Reg. No.: 4294 Signature: [Signature]

 **1** BASEMENT PLAN: PROPOSED  
 E200 1:75

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 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 MAIN FLOOR PLAN:  
 ELECTRICAL

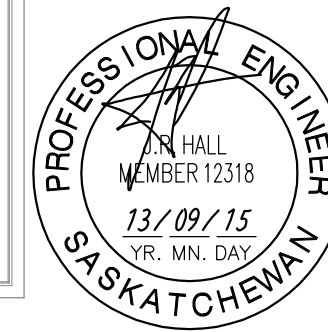
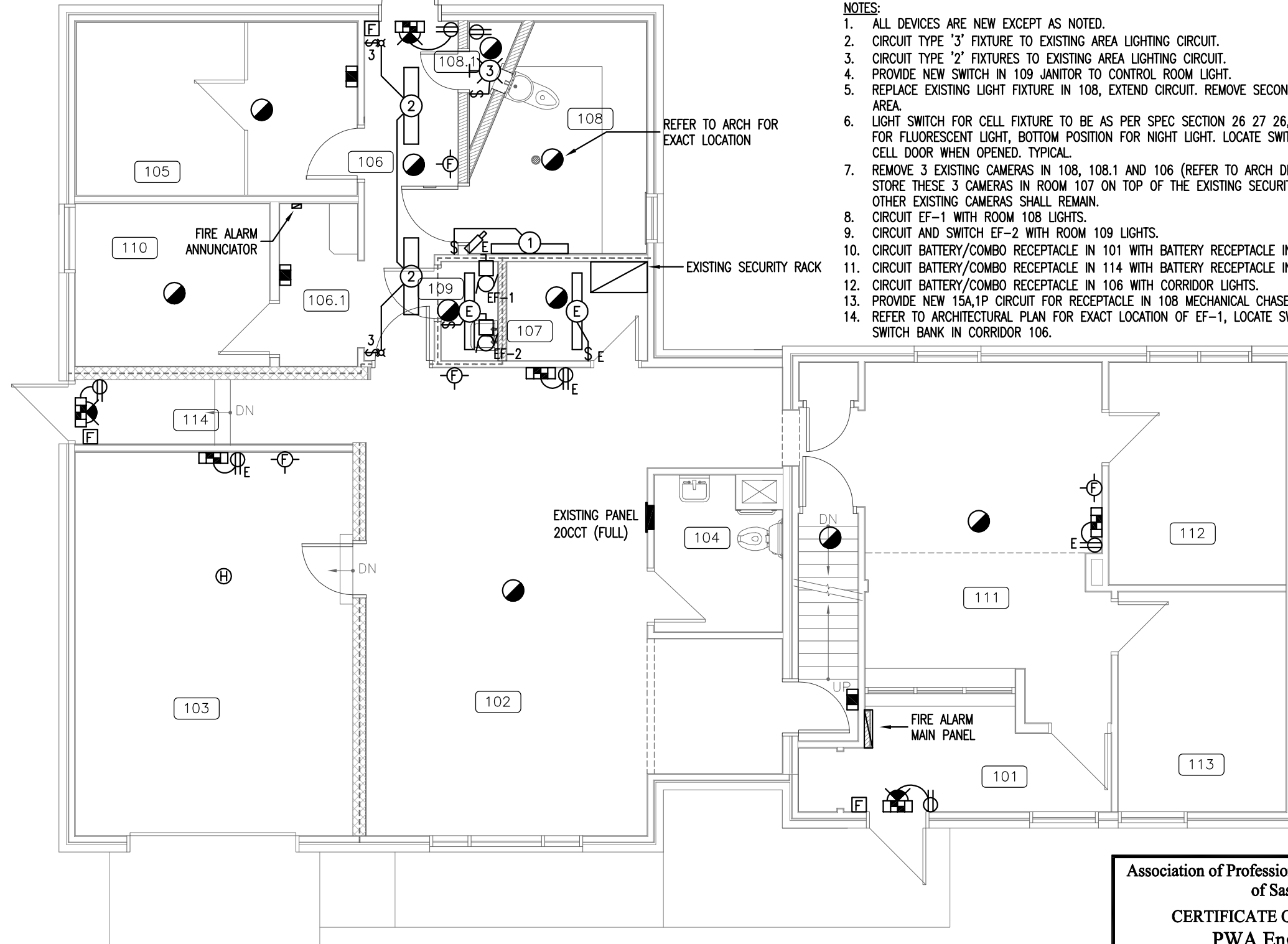
PWA 7515a  
 PROJECT No: 651a-13 SCALE: AS NOTED  
 DATE: 2013/09/15 DRAWN BY: ARZ  
 SHEET No: PLOT No: 0

**Motor and Mechanical Equipment Schedule**

NO.	DESCRIPTION	VOLT	PH	HP	W	FLA	FEEDER	BREAKER	CIRCUIT	CONTROL	NOTES
EF-1	EXHAUST FAN	120	1Ø		84		2#12, 21mmC	15A,1P	A-1	SWITCH	
EF-2	EXHAUST FAN	120	1Ø		19		2#12, 21mmC	15A,1P	A-1	LIGHT SWITCH	

**NOTES:**

- ALL DEVICES ARE NEW EXCEPT AS NOTED.
- CIRCUIT TYPE '3' FIXTURE TO EXISTING AREA LIGHTING CIRCUIT.
- CIRCUIT TYPE '2' FIXTURES TO EXISTING AREA LIGHTING CIRCUIT.
- PROVIDE NEW SWITCH IN 109 JANITOR TO CONTROL ROOM LIGHT.
- REPLACE EXISTING LIGHT FIXTURE IN 108, EXTEND CIRCUIT. REMOVE SECOND FIXTURE IN THIS AREA.
- LIGHT SWITCH FOR CELL FIXTURE TO BE AS PER SPEC SECTION 26 27 26, TOP POSITION FOR FLUORESCENT LIGHT, BOTTOM POSITION FOR NIGHT LIGHT. LOCATE SWITCH TO CLEAR CELL DOOR WHEN OPENED. TYPICAL.
- REMOVE 3 EXISTING CAMERAS IN 108, 108.1 AND 106 (REFER TO ARCH DEMOLITION PLANS). STORE THESE 3 CAMERAS IN ROOM 107 ON TOP OF THE EXISTING SECURITY RACK. ALL OTHER EXISTING CAMERAS SHALL REMAIN.
- CIRCUIT EF-1 WITH ROOM 108 LIGHTS.
- CIRCUIT AND SWITCH EF-2 WITH ROOM 109 LIGHTS.
- CIRCUIT BATTERY/COMBO RECEPTACLE IN 101 WITH BATTERY RECEPTACLE IN 111.
- CIRCUIT BATTERY/COMBO RECEPTACLE IN 114 WITH BATTERY RECEPTACLE IN 102.
- CIRCUIT BATTERY/COMBO RECEPTACLE IN 106 WITH CORRIDOR LIGHTS.
- PROVIDE NEW 15A,1P CIRCUIT FOR RECEPTACLE IN 108 MECHANICAL CHASE.
- REFER TO ARCHITECTURAL PLAN FOR EXACT LOCATION OF EF-1, LOCATE SWITCH WITHIN LIGHT SWITCH BANK IN CORRIDOR 106.



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**PWA Engineering Ltd.**  
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 Discipline: ELECTRICAL Sk. Reg. No.: 4294 Signature: [Signature]

 1 MAIN FLOOR PLAN: PROPOSED  
 E201 1:75

E201

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SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:

SECOND FLOOR PLAN:  
 ELECTRICAL

PWA 7515a

PROJECT No:  
 651a-13

SCALE:  
 AS NOTED

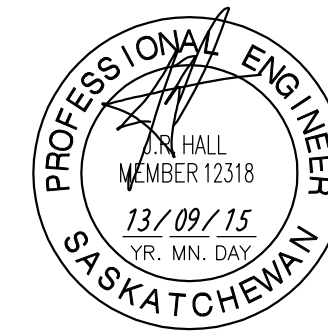
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 ARZ

SHEET No:

PLOT No: 0

E202



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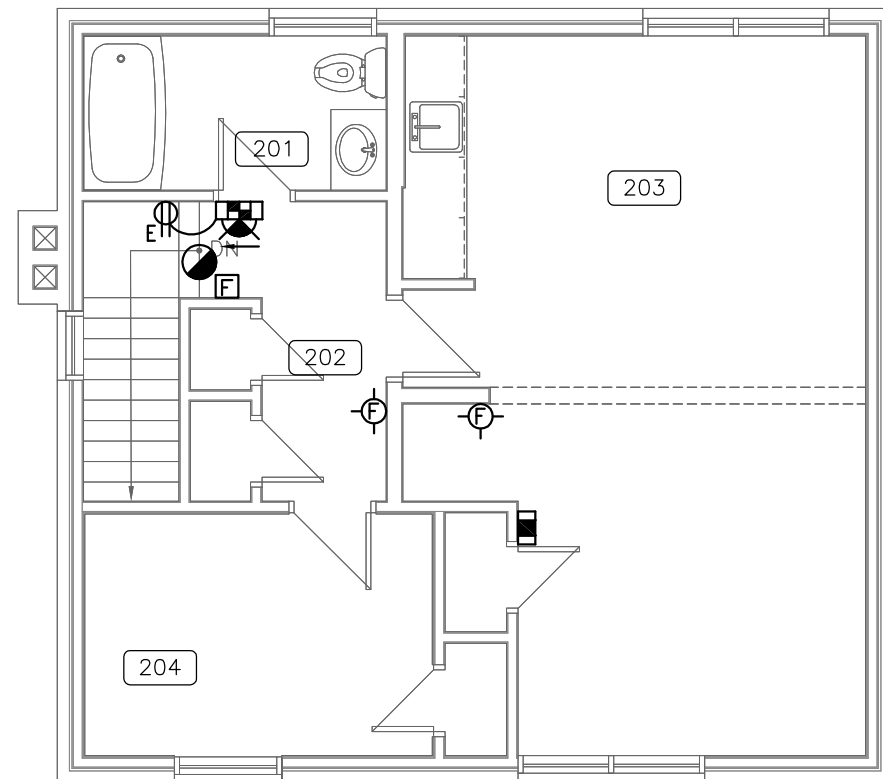
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**LEGEND**

SYMBOL	DESCRIPTION
	FLUORESCENT FIXTURE - CEILING MOUNT NL= UNSWITCHED NIGHT LIGHT
	FLUORESCENT FIXTURE - WALL MOUNT
	INCANDESCENT/HID FIXTURE - SURFACE/WALL MOUNT
	EXIT LIGHT - SURFACE/WALL MOUNT; SHADING INDICATES LIT FACE
	DUPLEX RECEPTACLE; • =COUNTER HEIGHT
	DUPLEX RECEPTACLE; WP=WEATHERPROOF
	JUNCTION BOX / DIRECT CONNECTION
	NORMAL POWER PANEL AS INDICATED
	SMOKE DETECTOR
	HEAT DETECTOR
	FIRE ALARM PULL STATION
	FIRE ALARM HORN/STROBE
	EMERGENCY BATTERY UNIT C/W LIGHTING HEADS
	REMOTE EMERGENCY LIGHTS, SINGLE & DOUBLE
	COMBINATION EXIT SIGN EMERGENCY BATTERY UNIT WITH HEADS
	CCTV CAMERA
	MOTOR
	DISCONNECT SWITCH
	SECURITY DEVICE REFER TO SPECIFICATION SECTION 28 23 00

DEVICES MARKED 'E' ARE EXISTING TO REMAIN



NOTES:  
 1. ALL DEVICES ARE NEW EXCEPT AS NOTED.

NORTH  
 1 SECOND FLOOR PLAN: EXISTING  
 E202 1:75

FIXTURE SCHEDULE						
TYPE	DESCRIPTION	MANUFACTURER	CATALOGUE NO.	MOUNTING	LAMPS	NOTES
1	4" VANDAL PROOF FLUORESCENT FOR CORNER MOUNTING IN PRISONER CELLS, TO BE COMPLETE WITH NIGHT LIGHT. 14 GAUGE STEEL HOUSING WITH PRISMATIC ACRYLIC INNER LENS AND 0.25" POLYCARBONATE OUTER.	LIGHTING DIMENSIONS	LTMS-232-4-1-2-12-FNL	SURFACE	2-32W T8 & 9W NIGHT LITE	
		COOPER FAIL-SAFE	FMC-X-232-120-80/86-EB82-FNL			
		METALUMEN	SS2-A1-03-PCWHA			
2	4" SURFACE MOUNTED VANDAL RESISTANT FLUORESCENT FIXTURE WITH TAMPERPROOF FASTENERS, INJECTION MOLDED POLYCARBONATE GASKETTED LENS FOR WET LOCATIONS	LITHONIA	VDS-232-120-WL-CSA-RS	SURFACE	2-32W T8	
		PEERLESS ELECTRIC	VR-232-120			
		COOPER FAIL-SAFE	FPS-232-120			
3	VANDAL RESISTANT RECTANGULAR FIXTURE WITH CAST HOUSING, HORIZONTALLY MOUNTED & CLEAR PRISMATIC POLYCARBONATE LENS	LITHONIA	VR2C-26DTT-120-CSA-LPI	WALL	1-26W QT	
		KENALL	H812FL-C-26Q-1-120			
		COOPER FAIL-SAFE	QDBC-PP-26H-120-LL			
4	4" STRIP FLUORESCENT FIXTURE C/W WIREGUARD	LITHONIA	C232-120-GEB-CSA	SURFACE	2-32W T8	
		CFI	SB248-120SO			
		METALUX	SSF232-120-EB81			

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 Government of Canada  
**Canada**

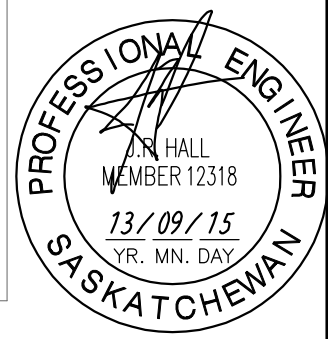
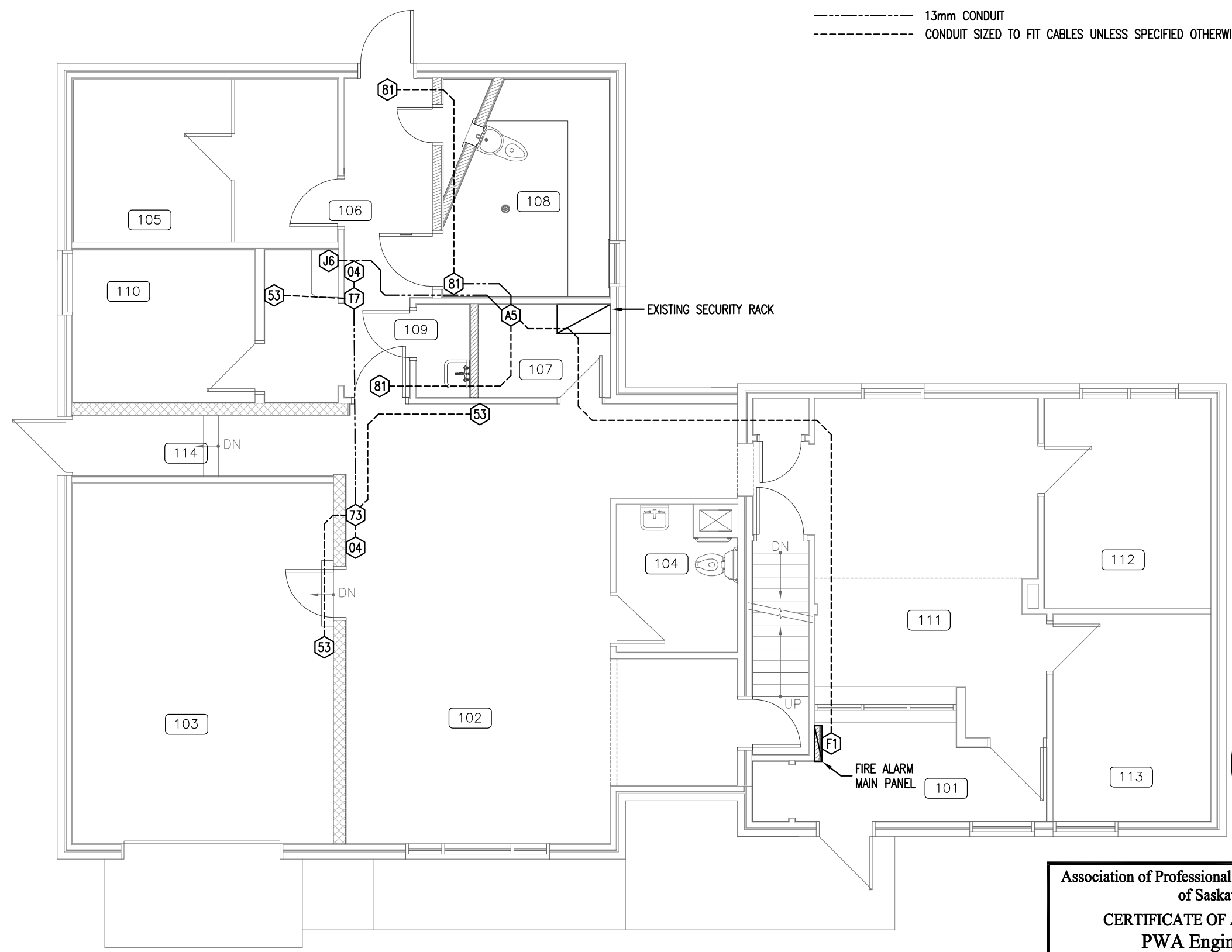
PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 MAIN FLOOR PLAN:  
 SECURITY

PWA 7515a  

PROJECT No: 651a-13	SCALE: AS NOTED
DATE: 2013/09/15	DRAWN BY: ARZ
SHEET No:	PLOT No: 0

**E301**



Association of Professional Engineers & Geoscientists of Saskatchewan  
**CERTIFICATE OF AUTHORIZATION**  
**PWA Engineering Ltd.**  
 Number C033  
 Permission to Consult held by:  

Discipline <u>ELECTRICAL</u>	Sk. Reg. No. <u>4294</u>	Signature <i>Ben M. Paley</i>
---------------------------------	-----------------------------	----------------------------------

 **1** MAIN FLOOR PLAN: PROPOSED  
 E301 1:75



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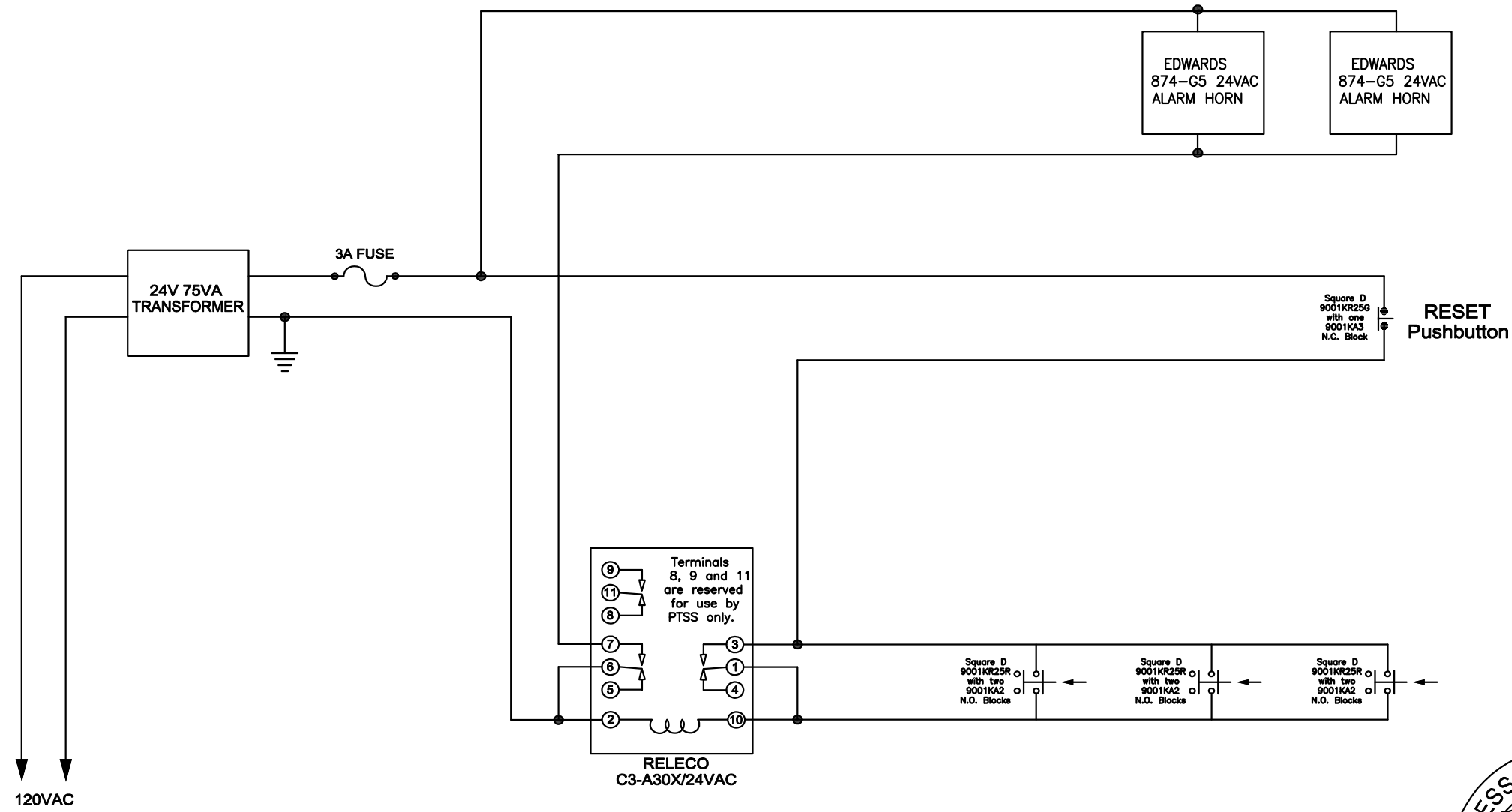
CLIENT:  
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PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

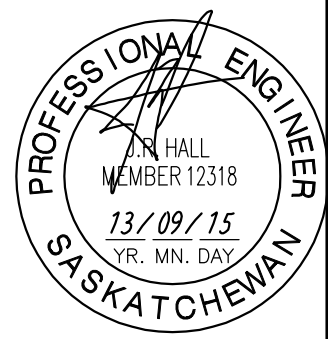
DRAWING:  
 SECURITY DETAILS

PWA 7515a  
 PROJECT No: 651a-13  
 DATE: 2013/09/15  
 SCALE: NO SCALE  
 DRAWN BY: ARZ

SHEET No: E302 PLOT No: 0



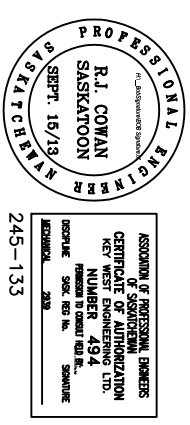
1 SCHEMATIC - CELL BLOCK RIOT ALARM  
 E302 1:75



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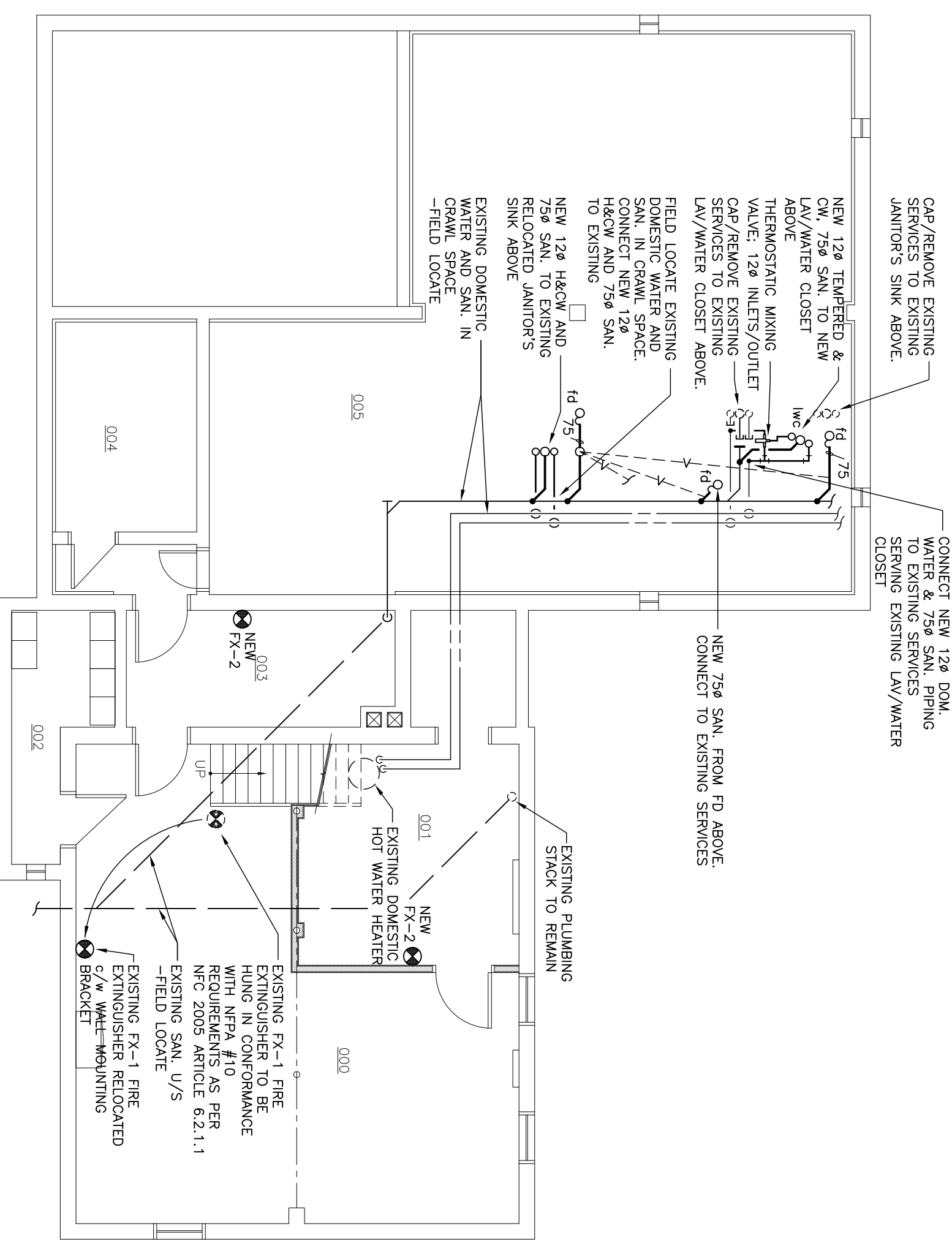
PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 MECHANICAL  
 BASEMENT PLAN:  
 PROPOSED  
 PLUMBING

PROJECT No: 6510-13 SCALE: AS NOTED

DATE: 2013/10/11 DRAWN BY: BWO

SHEET No: 1 PLOT No: 1  
**M200**



1 BASEMENT PLAN: PROPOSED  
 M203 1:75

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**PROFESSIONAL ENGINEER**  
 R. J. COWAN  
 SEPT. 15/13  
 SASKATOON, SASKATCHEWAN  
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ASSOCIATION OF PROFESSIONAL ENGINEERS OF SASKATCHEWAN  
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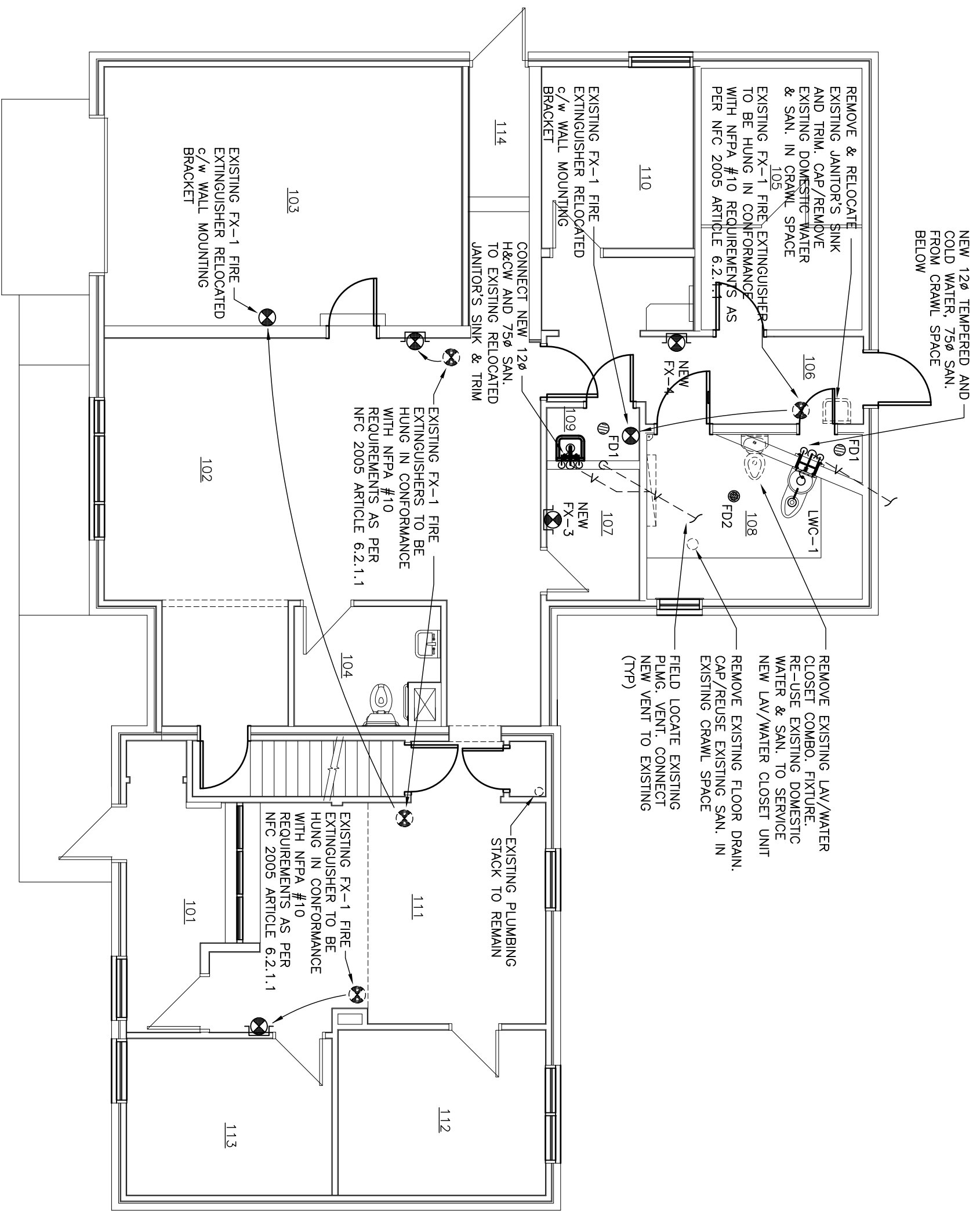
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PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 MECHANICAL  
 MAIN FLOOR PLAN:  
 PROPOSED  
 PLUMBING

PROJECT No:	6510-13	SCALE:	AS NOTED
DATE:	2013/10/11	DRAWN BY:	BWO
SHEET No:		PLOT No:	1

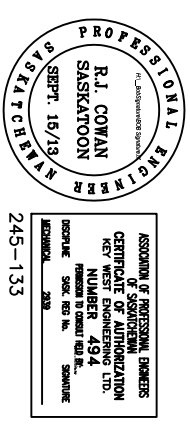


**1 MAIN FLOOR PLAN: PROPOSED**  
 M201 1:75

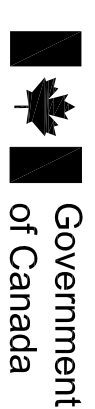


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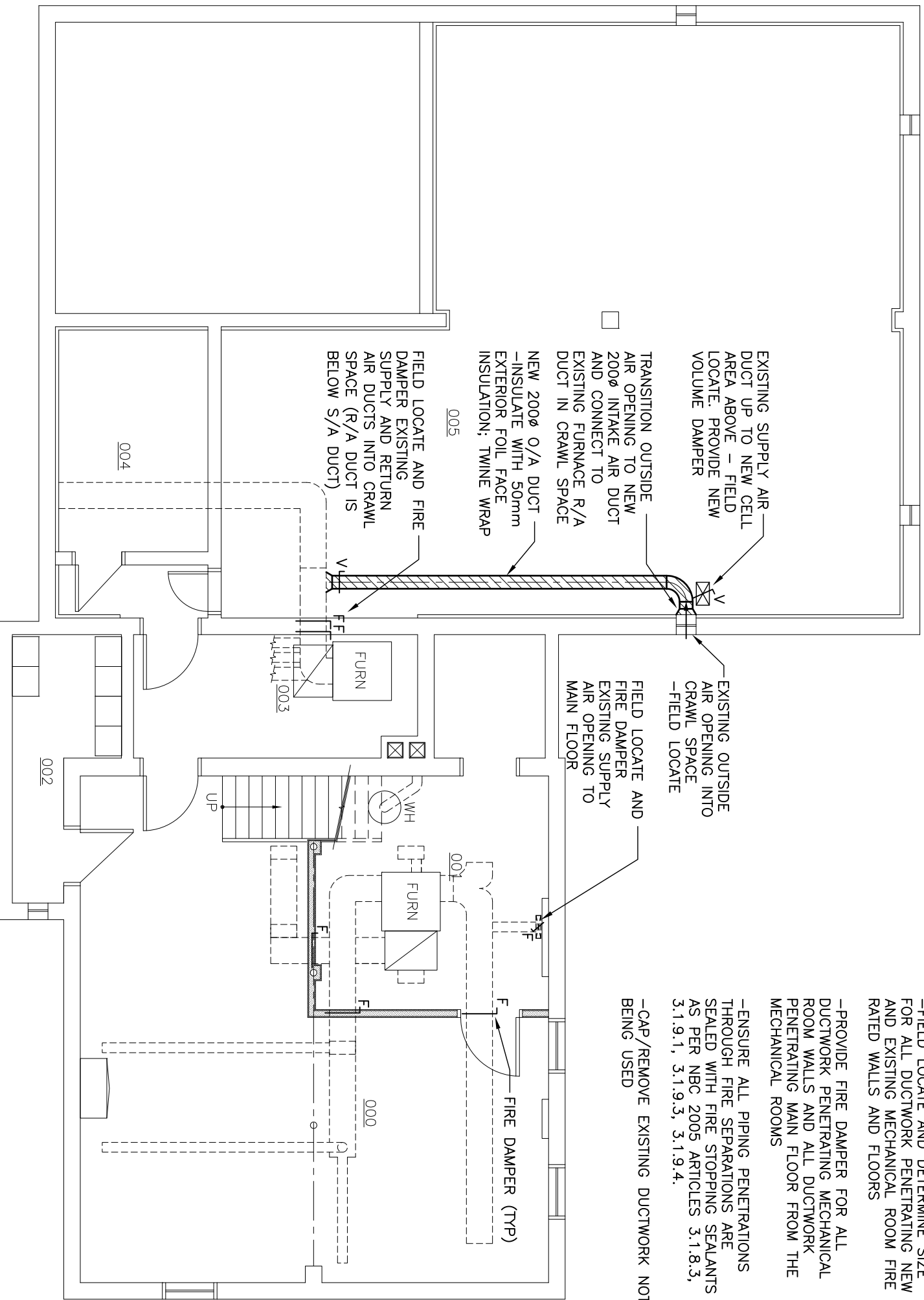


**Canada**

PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 MECHANICAL  
 BASEMENT PLAN:  
 PROPOSED  
 HVAC

PROJECT No: 6510-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: BWO
SHEET No: M300	PLOT No: 1



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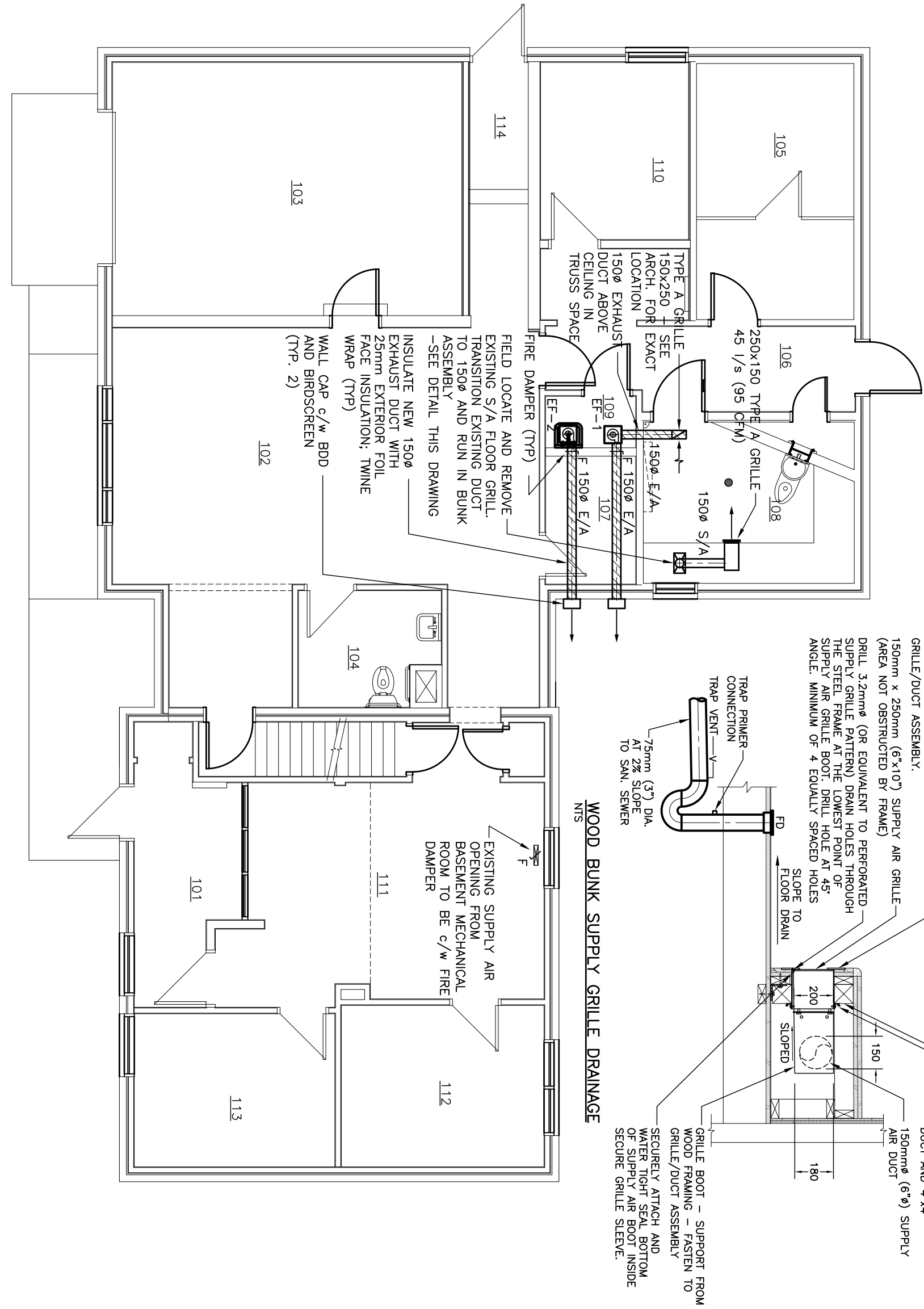


PROJECT:  
 SHAUNAVON  
 POLICE BUILDING  
 RENOVATIONS  
 SHAUNAVON, SASKATCHEWAN

DRAWING:  
 MECHANICAL  
 MAIN FLOOR PLAN:  
 PROPOSED  
 HVAC

PROJECT No:	6510-13	SCALE:	AS NOTED
DATE:	2013/10/11	DRAWN BY:	BWO
SHEET No:		PLOT No:	1

M301

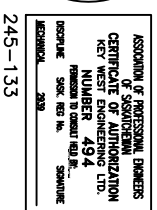
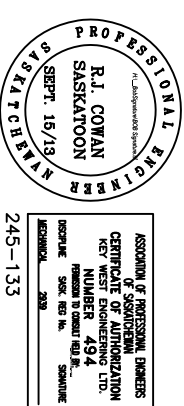




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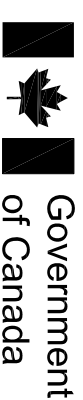
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PROJECT:

SHAUNAVON  
POLICE BUILDING  
RENOVATIONS  
SHAUNAVON, SASKATCHEWAN

DRAWING:

**MECHANICAL  
SCHEDULES**

PROJECT No:

6510-13

SCALE:

AS NOTED

DATE:

2013/10/11

DRAWN BY:

SA

SHEET No:

M400

PLOT No: 1

**EXHIBIT SCHEDULE****FLOOR DRAINS**

F01: JAY R. SMITH SERIES 2005A-P050 FLOOR DRAIN, ALL DUCO COATED CAST IRON BODY. REVERSIBLE FLASHING CLAMP WITH SEEPAGE OPENINGS AND ADJUSTABLE 5" (127MM) DIAMETER NICKEL BRONZE 1/4" (6.35MM) THICK STRAINER, SECURED WITH S.S. SCREWS, 4" (100MM) THROAT ON STRAINER, TRAP PRIMER CONNECTION.

F02: JAY R. SMITH SERIES 2005AHD-P050-SS FLOOR DRAIN, ALL DUCO COATED CAST IRON BODY, REVERSIBLE FLASHING CLAMP WITH SEEPAGE OPENINGS AND ADJUSTABLE 5" (127MM) DIAMETER STAINLESS STEEL 1/2" (12.7MM) THICK STRAINER, MAXIMUM 12MM DIAMETER STRAINER HOLES, SECURED WITH S.S. PIN TORQUE SCREWS AND MOUNTED USING LOCOTITE LIQUID THREAD LOCKER, SERIES 282, MIL-SPEC S-46163A, TYPE II, GRADE 0. 4" (100MM) THROAT ON STRAINER, TRAP PRIMER CONNECTION 'P'.

**CLEAN OUTS**

C01 FLOOR CLEANOUT - HEAVY TRAFFIC FINISHED AREAS: JAY R. SMITH SERIES 4100 TWS-TO-FLOOR FLOOR CLEANOUT, DUCO COATED CAST IRON BODY AND REMOVABLE POSITIVE GASKET SEAL CLOSURE PLUG AND HEAVY DUTY 6" (150MM) WITH EXTRA HEAVY NICKEL BRONZE COVER AND FRAME, SECURED WITH STAINLESS STEEL SCREWS, C.O. CAST IN COVER. (FOR WATER-PROOFED AREAS PROVIDE 'FC' FLANGE WITH FLASHING CLAMP).

C02 LINE CLEANOUT: JAY R. SMITH SERIES 4420 LINE CLEANOUT, IN CAST IRON FERRULE WITH CAST BRONZE TAPERED THREAD PLUG, WITH FULL SIZE PIPE OPENING, WHERE CLEANOUTS ARE CONCEALED BEHIND FINISHED WALLS ACCESS SHALL BE MADE BY SMITH 4422 ROUND STAINLESS STEEL PLATE AND SLOTTED FLAT HEAD STAINLESS STEEL SCREW.

**WATER HAMMER ARRESTORS**

SERIES SC MANUFACTURED BY P.P.P. INC.

**LAV/WATER CLOSET (LWC)**

SECURE TYPE WITH INTEGRAL LAVATORY COMBINATION BASIN AND TOILET, FLOOR MOUNTED, BACK OUTLET, 14 GAUGE (1.9MM) TYPE 304 S.S. WITH SATIN FINISH, COMPLETE WITH OVAL SHAPED HAND BASIN, 4" (100MM) HIGH SPLASHBACK, SELF-DRAINING SOAP TRAY, BLOW-OUT FLUSH ACTION BOWL, 6L (1.6 GAL.) PER FLUSH, WITH 3" (75MM) TOILET WASTE WALL OUTLET AND INTEGRAL CONTOURED SEAT. C.P. PENAL FILLER BUBBLER, CONCEALED PENAL FLUSH VALVE 1-1/2" (38MM) NPT FEMALE SUPPLY, FACTORY SET FLOW QUIET ACTION DIAPHRAGM TYPE WITH NON-HOLD OPEN FEATURE, VACUUM BREAKER, BACK-CHECK ANGLE STOP AND THRU WALL CONNECTOR, AIR-CONTROLLED SINGLE TEMPERATURE PENAL VALVE, 1.9 LPM (0.5 GPM) FLOW CONTROL, 1/2" (12.7MM) SUPPLIES, WITH METERING, NON-HOLD OPEN HEMISPHERICAL PENAL PUSH BUTTONS, TIMING ADJUSTABLE FROM 5 SEC. TO 60 SEC. GALVANIZED STEEL WALL SLEEVE FOR FIXTURE MOUNTING, AND NECESSARY FASTENERS FOR PROPER INSTALLATION, PROVIDE CAST BRASS 'P' TRAP, 1-1/4" (32MM) WITH CLEANOUT FOR BASIN LOCATED IN PIPE SPACE.

FOR THE FIXTURE ORIENTATION REFER TO ARCHITECTURAL DRAWINGS

- 1 ACCEPTABLE PRODUCT: ACORN ENGINEERING CO. ACORN 'PENAL-WARE'  
#1440-(C)-2-BPH-03-M-N-PV-PVT-SW-PBH,  
WILLOUGHBY INDUSTRIES - MODEL ECV-1806-CT-MOD-RCMP.

**THERMOSTATIC MIXING VALVE**

SYMMONS MAXLINE MODEL 5-225-CK-F THERMOSTATIC MIXING VALVE WITH 12ø (1/2") FEMALE NPT INLETS/OUTLET AND INTEGRAL CHECKS, ALL BRASS BODY WITH DUAL STAINLESS STEEL STRAINERS, VANDAL-RESISTANT CAP/TEMPERATURE ADJUSTMENT HANDLE, STANDARD FINISH ROUGH BRASS. DUAL CERTIFIED TO ASSE. 0.03 - 0.88 l/s (0.5 - 14 GPM)

**FIRE EXTINGUISHERS**

FX-1: (GENERAL OFFICE AREA) WILSON & COUSINS DRY CHEMICAL MULTIPURPOSE POWDER, MODEL ABC-050, WITH A ULC RATING OF 3A:40BC, 5 LB. C/W IE105R4-SS CABINET SUITABLE FOR A RECESSED OR SEMI-RECESSED INSTALLATION TYPE, EXTINGUISHER CABINET CONSTRUCTED OF 14 GAUGE STEEL CONSTRUCTED OF 14 GAUGE #4 SATIN STAINLESS STEEL DOOR AND FRAME AND 16 GAUGE COLD ROLLED STEEL TUB, CABINET HAS A FULL LENGTH PLANO HINGE, CABINET HAS A FULL LENGTH PLANO HINGE, STAINLESS STEEL CONCEALED LATCH AND 3/16" (5MM) CLEAR GLASS.

FX-2: (MECHANICAL ROOM) WILSON & COUSINS DRY CHEMICAL MULTIPURPOSE POWDER, MODEL ABC-10G, 10 LB. MULTI-PURPOSE PRESSURIZED DRY CHEMICAL FIRE EXTINGUISHER WITH A ULC RATING OF 4A:80BC C/W WALL MOUNTING BRACKET.

FX-3: (MONITOR ROOM) WILSON & COUSINS CARBON DIOXIDE, MODEL CO2-050H, 5 LB WITH A ULC RATING OF 5BC, C/W IE105R4-SS CABINET SUITABLE FOR A RECESSED OR SEMI-RECESSED INSTALLATION TYPE, EXTINGUISHER CABINET CONSTRUCTED OF 14 GAUGE #4 SATIN STAINLESS STEEL DOOR AND FRAME AND 16 GAUGE COLD ROLLED STEEL DEEP PRIME COAT PAINTED STEEL TUB, CABINET HAS A FULL LENGTH PLANO HINGE, STAINLESS STEEL CONCEALED LATCH AND 3/16" (5MM) CLEAR GLASS.

FX-4: WILSON & COUSINS DRY CHEMICAL MULTIPURPOSE POWDER, MODEL ABC-050, WITH A ULC RATING OF 3A:40BC, 5 LB. C/W IE105R4-SS CABINET SUITABLE FOR A RECESSED OR SEMI-RECESSED INSTALLATION TYPE, EXTINGUISHER CABINET CONSTRUCTED OF 14 GAUGE #4 SATIN STAINLESS STEEL DOOR AND FRAME AND 16 GAUGE COLD ROLLED STEEL DEEP PRIME COAT PAINTED STEEL TUB, CABINET HAS A FULL LENGTH PLANO HINGE, STAINLESS STEEL CONCEALED LATCH AND 1/4" (6MM) LEXAN CLEAR COVER.

**EQUIPMENT SCHEDULE****EF-1 EXHAUST FAN**

.1 EFT: KANALFLAKT MODEL K4XL INLINE, 47 LPS (100 CFM) AT 100 Pa (0.4 IN W.C.), 2400 RPM, 84 WATTS, 0.75 AMPS, 115V, FAN TO RUN CONTINUOUSLY

**EF-2 EXHAUST FAN**

.1 EFT: FANTECH MODEL PBM110 52 LPS (110 CFM) AT 100 Pa (0.4 IN W.C.), 19 WATTS, 115V C/W CEILING GRILLE AND GRILLE HOUSING WITH DAMPER, WIRE TO LIGHT SWITCH

**G0 GRILLES/DIFFUSERS/DOVERS**

3.0 BUNK SUPPLY/EXHAUST TYPE A: 150x150 GRILLE FACE AREA (300x300 C/W STEEL FRAME) /W 150ø BOOT CONNECTION, CONSTRUCT OUTER FRAME (FACE PLATE) OF 4.75 MM THICK STEEL WITH 50.8 MM OPENINGS AT 63.5 MM CENTERS TO RECEIVE 1.6 MM THICK PERFORATED PLATE. PERFORATION IN VENTILATING SECTION TO BE 2.38 MM DIA HOLES ON 3.35 MM CENTERS STAGGERED AT 60°, GIVING A DENSITY OF 9 HOLES PER SQUARE CENTIMETER, REINFORCED AREA TO BE PROTECTED BY A 4.76 MM THICK HARDENED STEEL PLATE WELDED TO BACK OF FACEPLATE. PERFORATE PLATE WITH 50.8 MM HOLES ON 63.5 MM CENTERS BOTH WAYS, GRILLE TO FASTENED WITH SECURITY TORX VANDAL RESISTANT SCREWS AND BE COMPLETE WITH FACTORY POWDER COAT FINISH, WHITE.

ACCEPTABLE PRODUCT: CHUBB OP-20V, SIMPSON V-2, ENEROUND SECURITY TYPE VENTILATION GRILLE OR VIRTUOOM SCO SECURITY.