

BLAINE LAKE POLICE BUILDING RENOVATIONS - BLAINE LAKE, SK



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DATUM & ELEVATIONS PRIOR TO COMMENCEMENT OF
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3-2013/09/15: ISSUE FOR TENDER
2-2013/07/24: PRE-TENDER REVIEW
1-2013/06/14: ISSUE FOR 99% REVIEW
0-2013/05/08: ISSUE FOR 66% REVIEW

CLIENT:



PROJECT:

BLAINE LAKE
POLICE BUILDING
RENOVATIONS

BLAINE LAKE, SASKATCHEWAN

DRAWING:

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

PROJECT No: 651b-13 SCALE: AS NOTED

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

SHEET No: A000 PLOT No: 1

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	TP	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-A571-04.
- 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: EXISTING
A200 BASEMENT AND CRAWL SPACE PLAN: EXISTING/PROPOSED
A201 MAIN FLOOR PLAN: EXISTING/DEMOLITION
A202 MAIN FLOOR PLAN: EXISTING/PROPOSED
A203 SECOND FLOOR PLAN: EXISTING/REFERENCE
A204 BASEMENT REFLECTED CEILING PLAN: EXISTING/PROPOSED
A205 MAIN FLOOR REFLECTED CEILING PLAN: EXISTING/DEMOLITION
A206 MAIN FLOOR REFLECTED CEILING PLAN: EXISTING/PROPOSED
A207 SECOND FLOOR REFLECTED CEILING PLAN: EXISTING/REFERENCE
A208 DOOR AND HARDWARE SCHEDULES
A209 ROOM FINISH SCHEDULES AND ASSEMBLIES
A400 DETAILS: ROOM 109 FINISHES
A401 PLAN DETAILS: DEMOLITION
A402 PLAN DETAILS: PROPOSED
A700 INTERIOR ELEVATIONS

MECHANICAL:

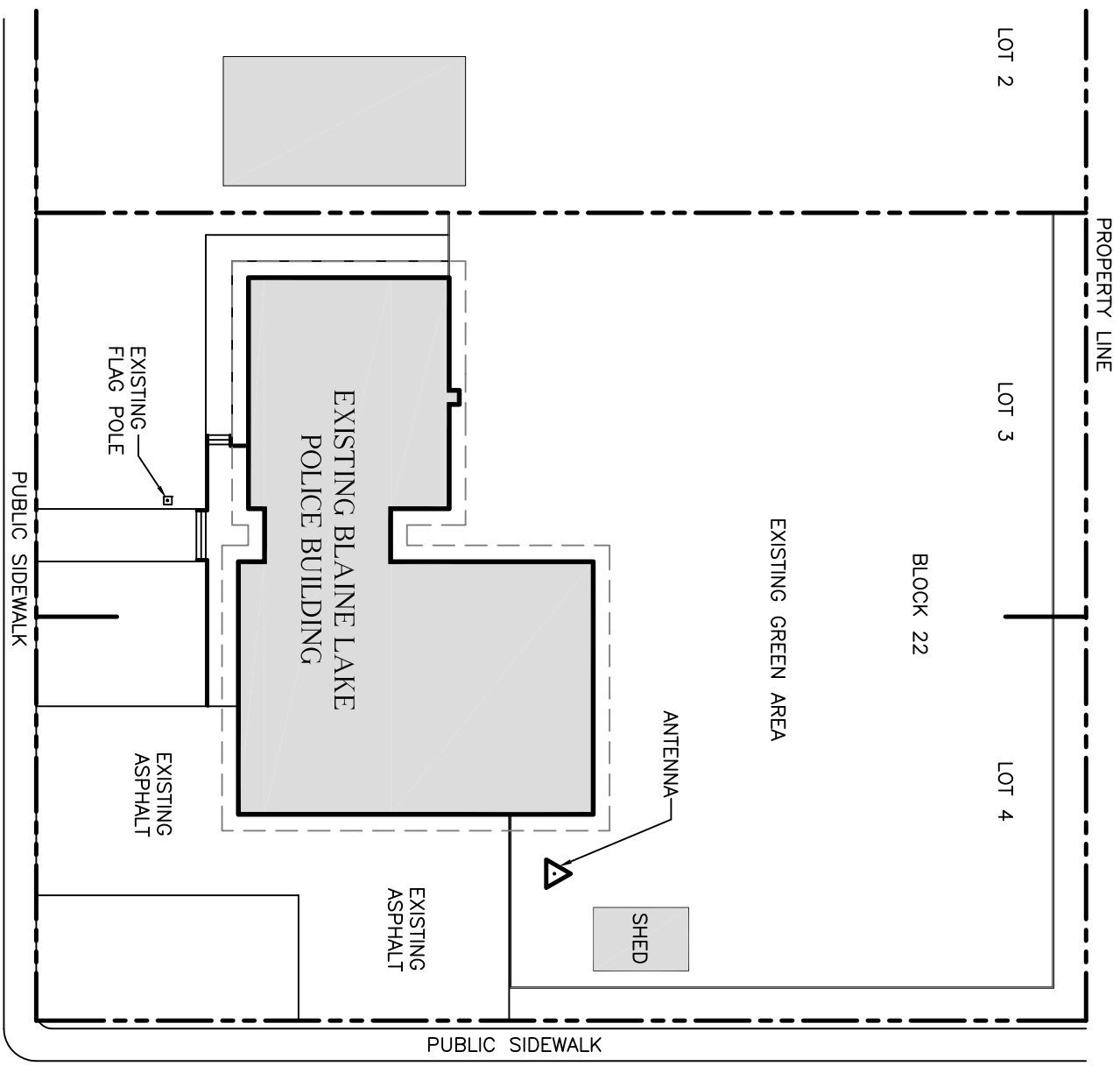
- M200 MECHANICAL BASEMENT PLAN PROPOSED PLUMBING
M201 MECHANICAL MAIN FLOOR PLAN EXISTING/PROPOSED PLUMBING
M300 MECHANICAL BASEMENT PLAN EXISTING/PROPOSED HVAC
M301 MECHANICAL MAIN FLOOR PLAN EXISTING/PROPOSED HVAC
M400 MECHANICAL SCHEDULES

ELECTRICAL:

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

LOT 3
BLOCK 22

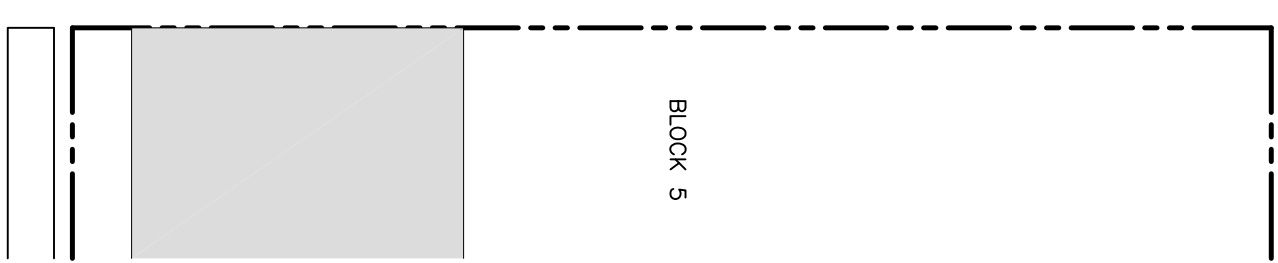
BACK LANE



1 SITE PLAN: EXISTING
A100 1:250

MAIN STREET

THIRD AVENUE



R B M
a r c h i t e c t u r e
2206 Spens Avenue email: office@rbmarchitectura.ca * 704, 110-101 Street
Saskatoon, SK fac: 306, 242, 9130 North Bedford, SK
ph: 306, 242, 2835 ph: 306, 441, 4205

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Canada

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BLAINE LAKE
POLICE BUILDING
RENOVATIONS
BLAINE LAKE, SASKATCHEWAN

DRAWING:
SITE PLAN:
EXISTING

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: LS, CG
SHEET No: A100	PLOT No: 1

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Canada

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 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

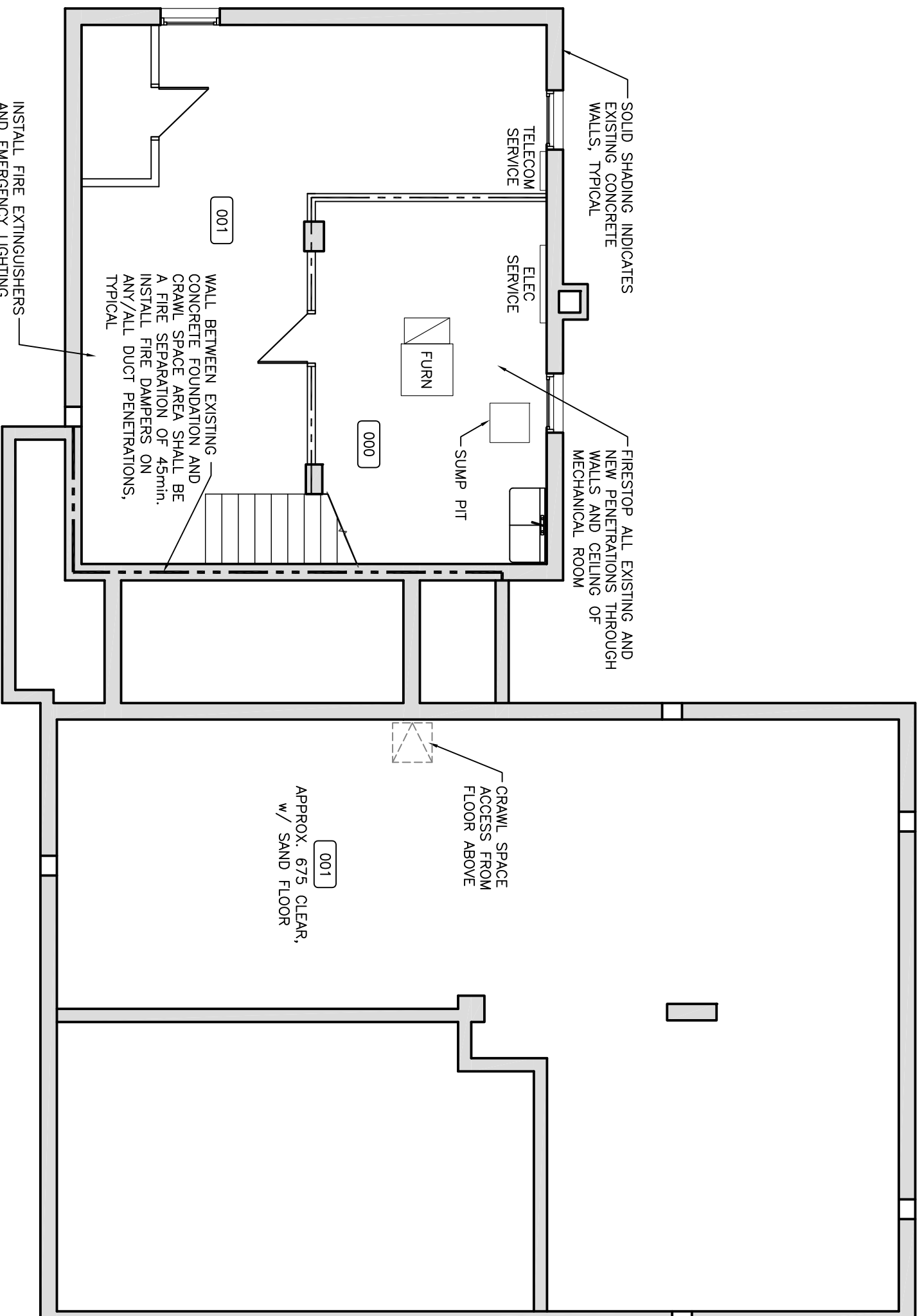
DRAWING:

BASEMENT AND
 CRAWL SPACE PLAN:
 EXISTING / PROPOSED

PROJECT No: 651b-13 SCALE: AS NOTED

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

SHEET No: 1 PLOT No: 1



1 BASEMENT PLAN: EXISTING/PROPOSED
 A200 1:75

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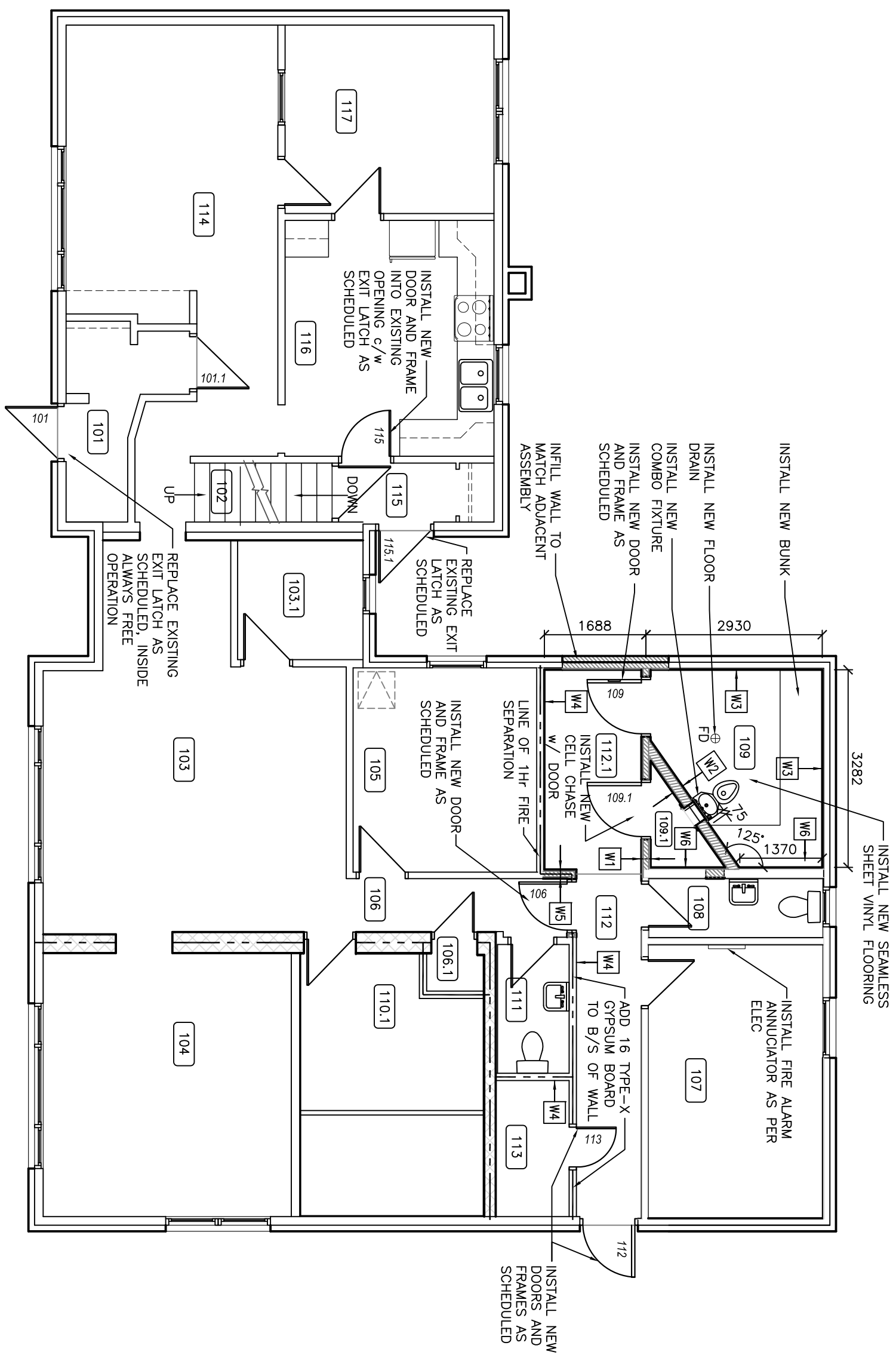


Canada

PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 MAIN FLOOR PLAN:
 EXISTING / PROPOSED

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: LS, CG
SHEET No: A202	PLOT No: 1



1 MAIN FLOOR PLAN: EXISTING/PROPOSED
 A202 1:75

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 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

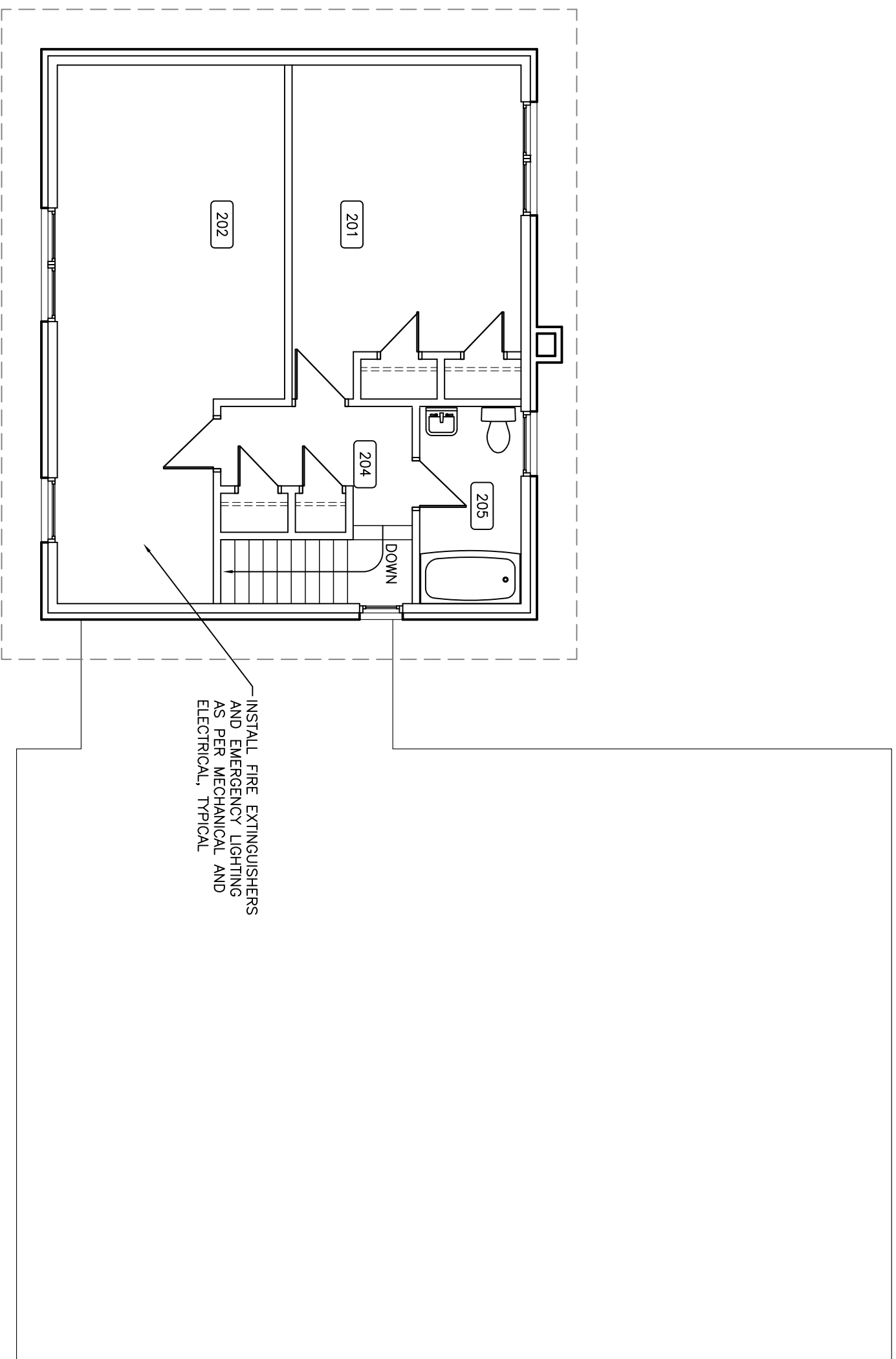
DRAWING:

SECOND FLOOR PLAN:
 EXISTING / REFERENCE

PROJECT No: 651b-13 SCALE: AS NOTED

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

SHEET No: 1 PLOT No: 1



1 SECOND FLOOR PLAN: EXISTING / REFERENCE
 A203 1:75

A203

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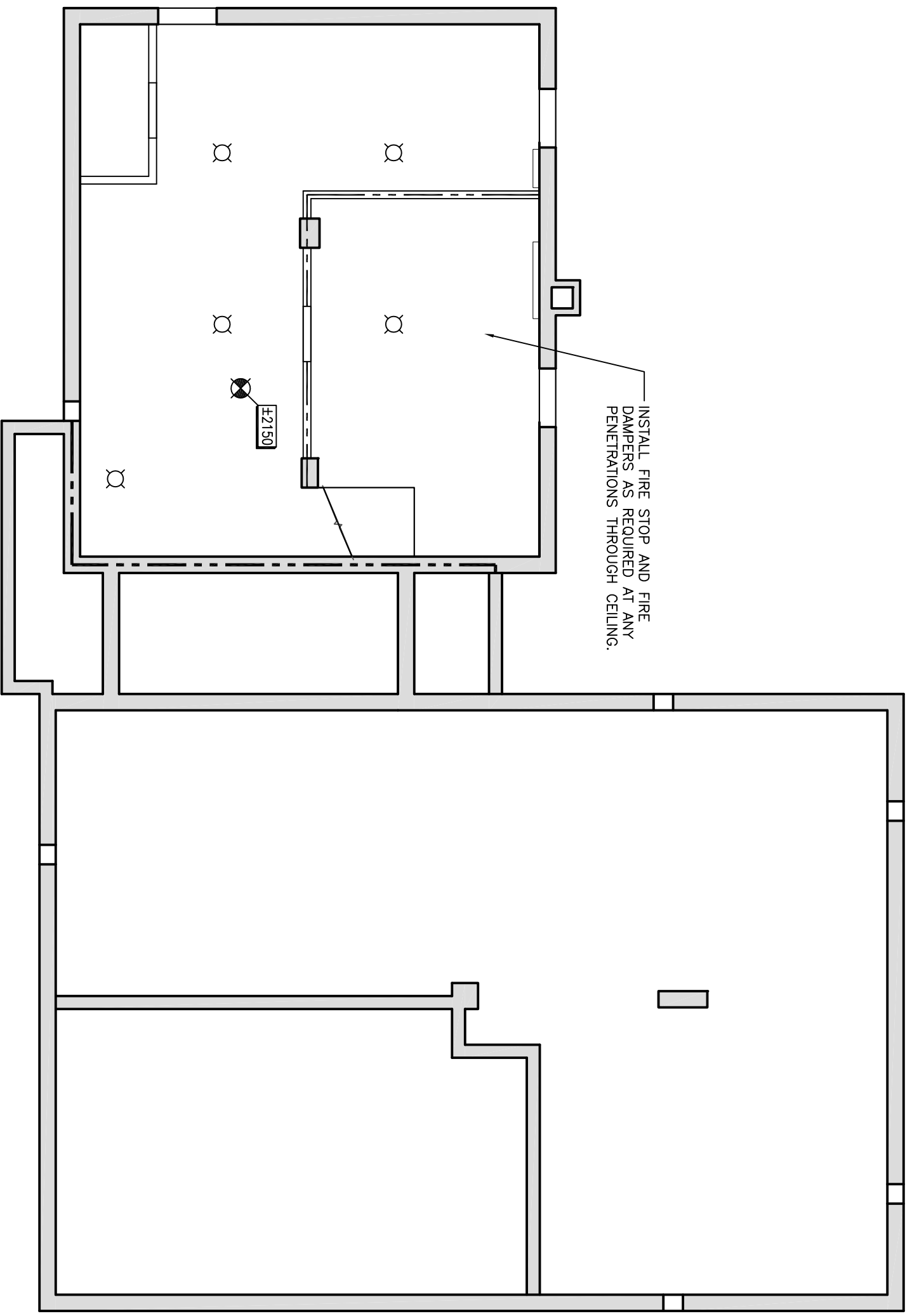


Canada

PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 BASEMENT REFLECTED
 CEILING PLAN:
 EXISTING / PROPOSED

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: LS, CG
SHEET No: A204	PLOT No: 1



1 BASEMENT REFLECTED CEILING PLAN: EXISTING / PROPOSED
 A204 1:75

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Canada

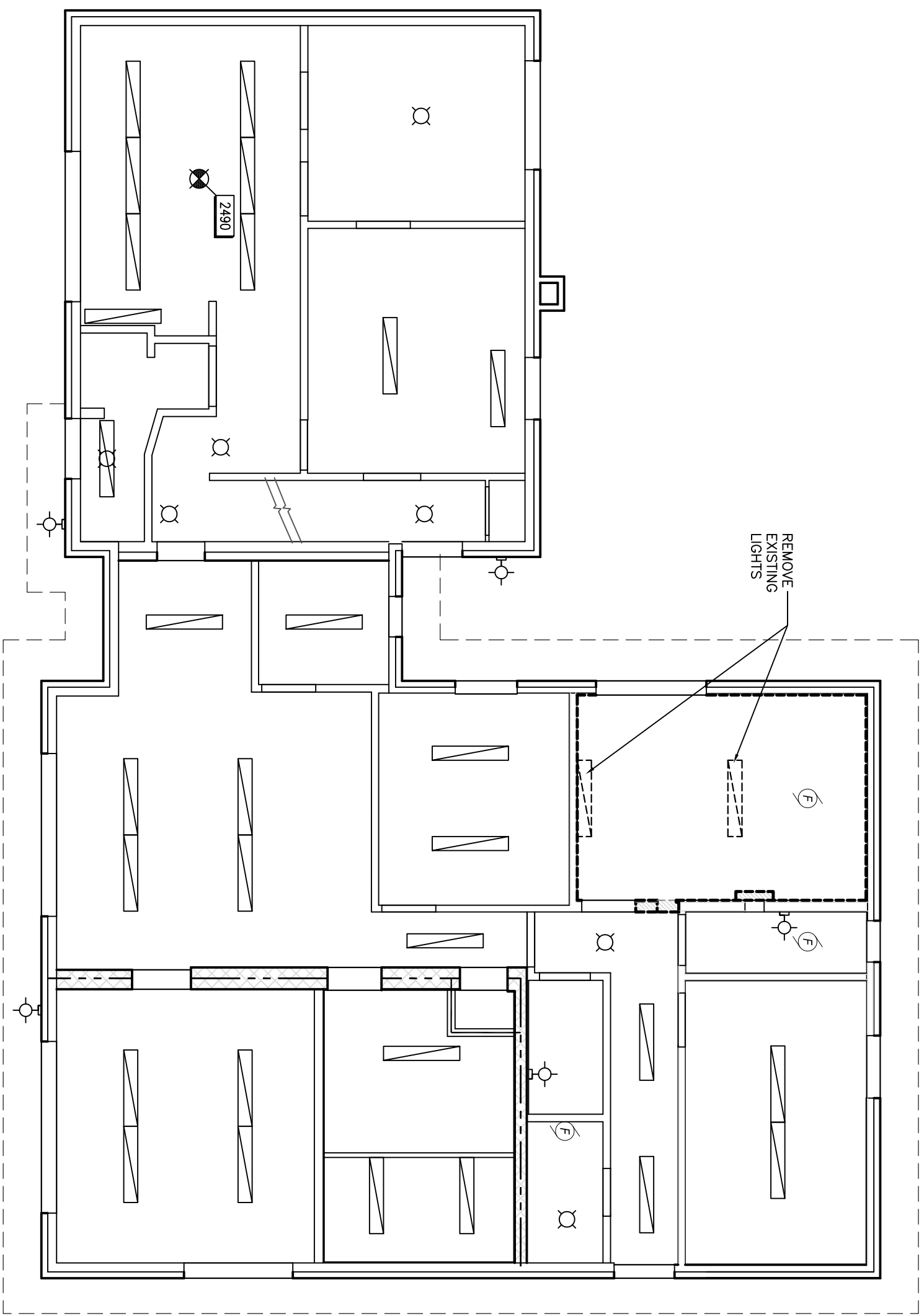
PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 MAIN FLOOR REFLECTED
 CEILING PLAN:
 EXISTING / DEMOLITION

PROJECT No: 651b-13 SCALE: AS NOTED

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

SHEET No: 1 PLOT No: 1
A205



1 MAIN FLOOR REFLECTED CEILING PLAN: EXISTING / DEMOLITION
 A205 1:75

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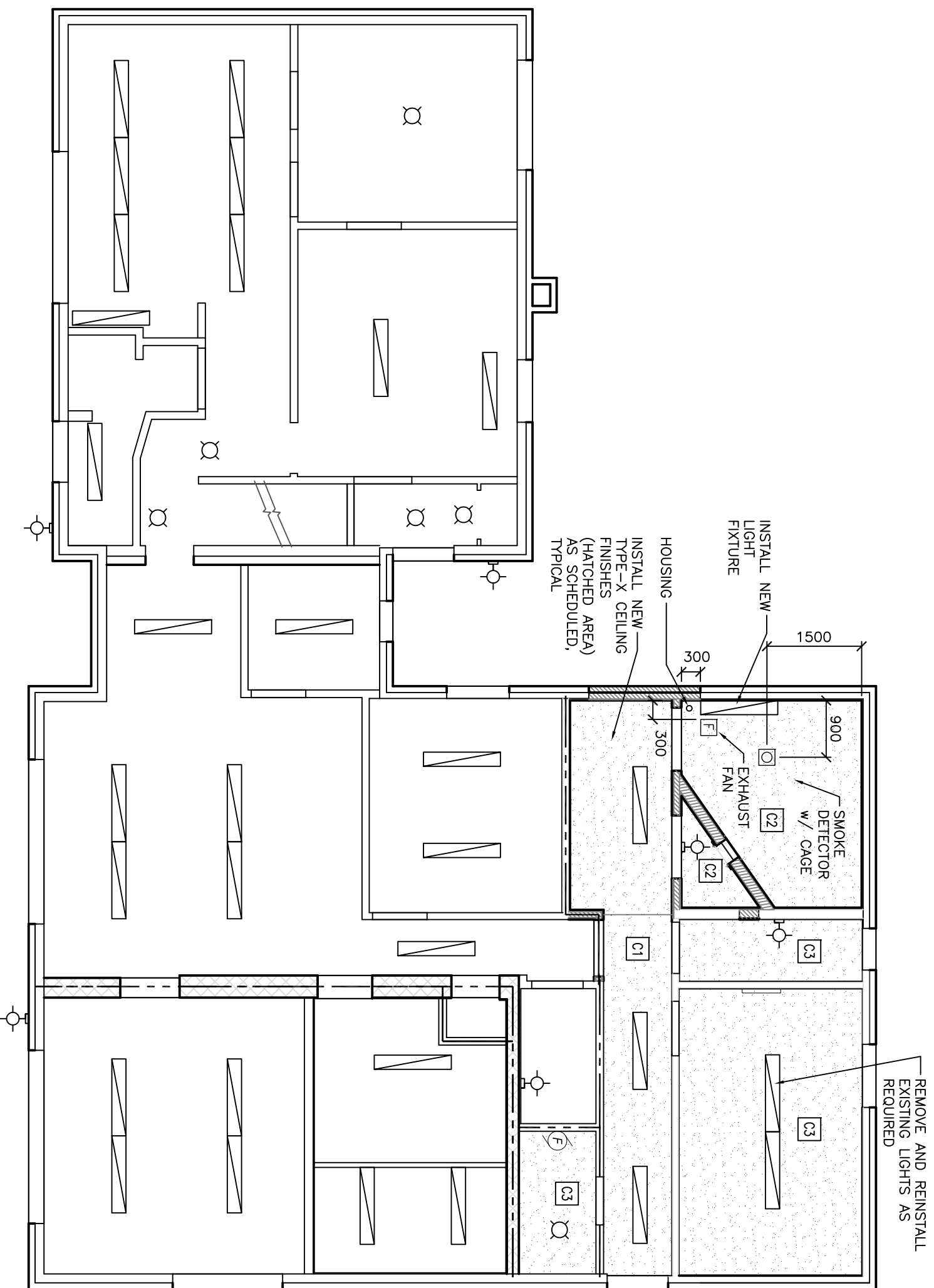


Canada

PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 MAIN FLOOR REFLECTED
 CEILING PLAN:
 EXISTING / PROPOSED

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: LS, CG
SHEET No: A206	PLOT No: 1



NOTE:
 -REFER TO A209 FOR CEILING FINISHES



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

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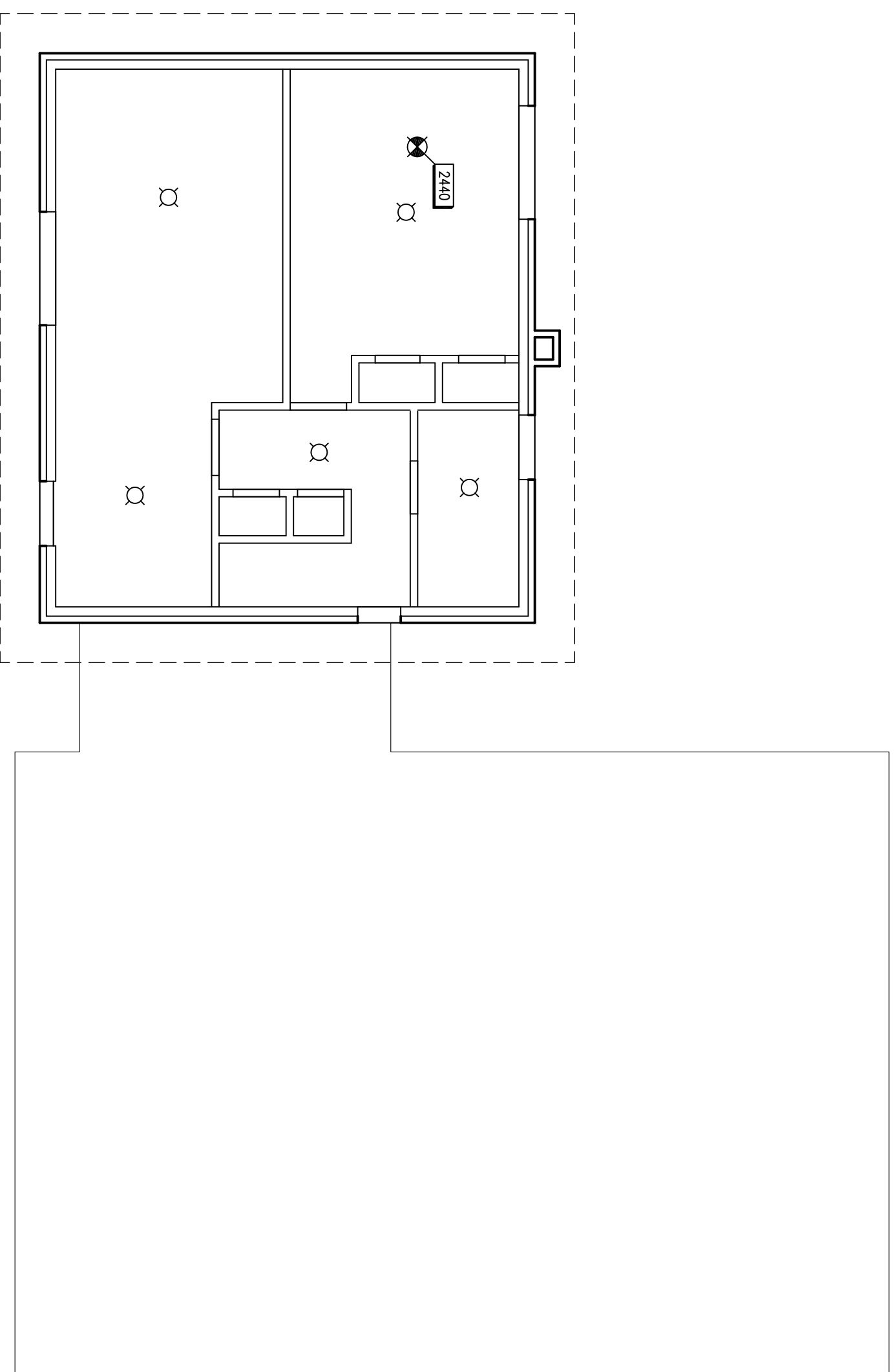
PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 SECOND FLOOR
 REFLECTED CEILING PLAN
 EXISTING / REFERENCE

PROJECT No: 651b-13 SCALE: AS NOTED

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

SHEET No: 1 PLOT No: 1
A207



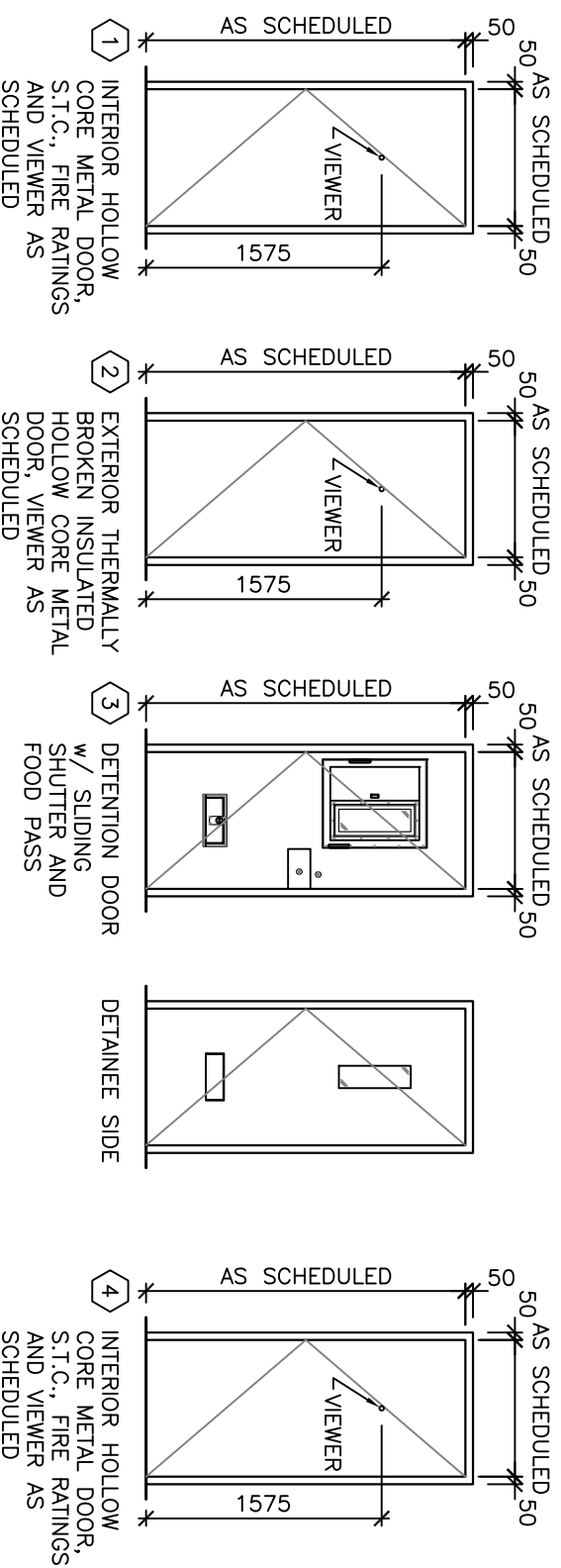
1 SECOND FLOOR REFLECTED CEILING PLAN: EXISTING / REFERENCE
 A207 1:75



DOOR SCHEDULE

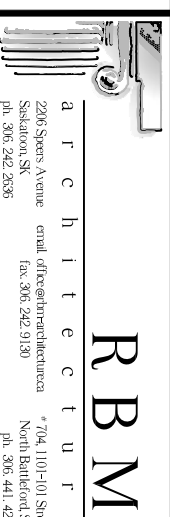
DOOR NO.	DOOR LOCATION ROOM NO.	DOOR SIZE	DOOR			FRAME			ULC LABEL	FUNCTION (ANSI No)	BUTTS	CLOSERS	KICKPLATES	PUSH/PULLS	STOPS	WEATHERSTRIPPING	THRESHOLDS	ACCESSORIES	REMARKS
			TYPE	MAT'L	FINISH	TYPE	MAT'L	FINISH											
101	101	EXISTING	EXISTING			EXISTING			F13	-	-	-	-	-	-	-	-	-	RE-USE EXISTING DOOR. NOTE 14
101.1	101	EXISTING	EXISTING			EXISTING			F15	-	-	-	-	-	-	-	-	-	RE-USE EXISTING DOOR. NOTE 14
106	106	800 x 2150	1	H.M.	PT.5	1	W.S.	PT.4	45min	F14	A2	YES	YES	-	-	-	-	-	KNOB-CORRIDOR SIDE / KEYED DEADBOLT B/S
109	109	900 x 2150	3	D.D.	PT.5	3	W.S.(DF)	PT.4	-	-	-	-	-	-	-	-	-	-	DOOR LOCK w/ KNOB HARDWARE, SLAM LOCK IS PROHIBITED
109.1	109.1	900 x 2150	1	H.M.	PT.5	1	W.S.	PT.4	-	F18	A2	-	-	-	-	-	-	-	CYLINDER FINGER PULL
112	112	±800 x ±2050	2	H.M.	PT.5	2	W.S.	PT.4	-	F14	A2	YES	YES	-	-	-	-	-	CONFIRM SIZE ON SITE, KNOB CORRIDOR SIDE/KEYED DEADBOLT B/S
113	113	±800 x ±2032	1	H.M.	PT.5	1	W.S.	PT.4	20min	F07	A1	YES	YES	-	-	-	-	-	CONFIRM SIZE ON SITE, w/ KNOB LATCH
115	115	±800 x ±2050	1	H.M.	PT.5	1	W.S.	PT.4	45min	F01	A2	YES	YES	-	-	-	-	-	CONFIRM SIZE ON SITE. NOTE 14
115.1	115.1	EXISTING	EXISTING			EXISTING			F15	-	-	-	-	-	-	-	-	-	RE-USE EXISTING DOOR. NOTE 14

DOOR AND FRAME TYPES:



DOORS, FRAMES, & HARDWARE:

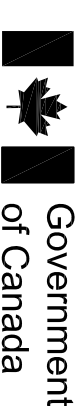
- EXTERIOR DOORS & FRAMES SHALL BE INSULATED & WEATHER-STRIPPED. INSULATE JAMB EXTENSIONS AS PER DETAILS
- ACOUSTICAL FRAMES: INSULATE TO EQUAL DOOR S.T.C. INSTALL SEAL AND SWEEP AS PER HARDWARE
- RATED DOORS w/ DOOR VIEWERS TO MAINTAIN FIRE PROTECTION RATING AS REQUIRED. DOOR MANUFACTURER TO INSTALL DOOR VIEWERS IF NECESSARY TO MAINTAIN RATING
- INSTALL DOOR VIEWER AS PER "ADVANCED SAFETY DEVICES" MODEL No. DS238 DOOR SCOPE (www.safety-devices.com)
- INTERIOR DOORS SCHEDULED FOR DOOR VIEWERS WILL HAVE TWO VIEWERS IN BOTH DIRECTIONS.
- 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
- ALL EXISTING DOORS EQUIPPED w/ CLOSERS IN DETACHED CONDITION SHALL BE RE-ATTACHED TO MEET FIRE SAFETY CODE REQUIREMENTS, TYPICAL.
- EXISTING DOOR SIZES SHOWN FOR REFERENCE ONLY, CONFIRM ALL FINAL SIZES ON SITE
- REPLACE EXISTING THUMB TURN DOOR EXIT HARDWARE WITH NEW SINGLE RELEASE OPERATION DOOR EXIT HARDWARE, IN ACCORDANCE WITH NBCC 2010 3.3.1.13, AND 3.4.6.16



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PROJECT:

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POLICE BUILDING
RENOVATIONS
BLAINE LAKE, SASKATCHEWAN

DRAWING:

DOOR, AND
HARDWARE
SCHEDULES

PROJECT No:

651b-13

SCALE:
AS NOTED

DATE:

2013/10/11

DRAWN BY:
LS, CG

SHEET No:

A208

PLOT No: 1

ROOM FINISH SCHEDULE

ROOM No	FLOOR MATERIAL	BASE MATERIAL	WALLS - MATERIAL FINISH				CEILINGS		REMARKS		
			NORTH-EAST	SOUTH-EAST	SOUTH-WEST	NORTH-WEST	MATERIAL/FINISH	HEIGHT AFF			
106	EX'G SV	EX'G RB	EX'G GB	EX'G PT	GB	PT.1	EX'G GB	EX'G PT	EX'G GB/EX'G PT	±2385	-
107	EX'G SV	EX'G RB	EX'G GB	EX'G PT	EX'G GB	EX'G PT	EX'G GB	EX'G PT	16 TYPE-X GB / PT.1	±2385	-
108	SV-1	RB-1	EX'G GB	PT.1	EX'G GB	PT.1	EX'G GB	PT.1	16 TYPE-X GB / PT.1	±2385	-
109	SV-1	SV-1	PLY	PT.2	PLY	PT.2	PLY	PT.2	16 TYPE-X GB/PLY/PT.2	±2370	-
109.1	SV-1	SV-1	GB	PT.1	GB	PT.1	GB	PT.1	16 TYPE-X GB / PT.1	±2385	-
111	EX'G SV	EX'G RB	EX'G GB	EX'G PT	EX'G GB	EX'G PT	EX'G GB	EX'G PT	16 TYPE-X GB / PT.1	±2385	-
112	SV-1	SV-1	EX'G GB	PT.1	EX'G GB	PT.1	EX'G GB	PT.1	16 TYPE-X GB / PT.1	±2385	-
112.1	SV-1	SV-1	GB	PT.1	GB	PT.1	GB	PT.1	16 TYPE-X GB / PT.1	±2385	-
113	EX'G SV	EX'G RB	EX'G GB	EX'G PT	EX'G GB	EX'G PT	EX'G GB	EX'G PT	16 TYPE-X GB / PT.1	±2385	-

INTERIOR FINISHES:

ASSEMBLIES WALL TYPES:

FINISHES AND MISC. HARDWARE:

PAINTED SURFACES:

- PAINT 1 (WALL AND CEILINGS)
- PAINT 2 (ROOM 109 WALLS AND CEILINGS)
- PAINT 3 (EXTERIOR DOOR AND FRAME)
- PAINT 4 (DOOR FRAME)
- PAINT 5 (DOOR)

WALL PANEL:

- 106.1: SHEET WALL PROTECTION PANEL AS PER "ALTO-WHITE ROCK" HYGIENIC WALL SYSTEM. INSTALL SEAMLESS W/ TEXTURED FINISH, CAULK PERIMETER EDGES TO WALL W/ TRANSLUCENT CAULKING.

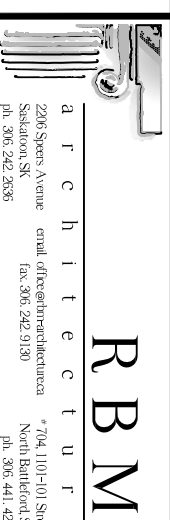
FLOORING:

- RESILIENT BASE: SHEET VINYL BASE TO BE ROLLED CONTINUOUS W/ FLOORING TO EXTEND UP WALL 100 c/w METAL COVE BACKER.
- SHEET VINYL, INSTALLED SEAMLESS WITHIN EACH ROOM, AS SCHEDULED REFER TO DETAILS AT WALL JUNCTIONS, TYPICAL AS PER "FORBO-MARMOLEUM REAL-SERIES" AS PER SPECIFICATIONS.

ASSEMBLIES:

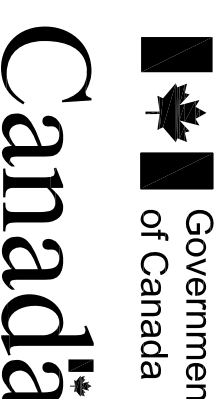
1. FIRE-STOP AND SMOKE SEAL WALLS W/ FIRE RESISTANCE RATINGS AS REQUIRED
2. INSTALL SOLID BLOCKING IN STUD WALLS FOR ALL WALL HUNG FIXTURES, AND EQUIPMENT, TYPICAL

- | | | |
|--|---|---|
| <p>W1 WALL TYPE-1: INTERIOR WALL:
13 G1S FIRE RETARDANT EPOXY PAINTED PLYWOOD
13 PLYWOOD BACKER BOARD
38x89 WOOD STUDS @ 300o.c.
13 PLYWOOD BACKER BOARD
13 TYPE-X GYPSUM BOARD</p> <p>W2 WALL TYPE-2: INTERIOR WALL:
13 G1S FIRE RETARDANT EPOXY PAINTED PLYWOOD
13 PLYWOOD BACKER BOARD
38x140 WOOD STUDS @ 300o.c.
140 MINERAL WOOL BATT INSULATION
13 PLYWOOD BACKER BOARD
13 TYPE-X GYPSUM BOARD</p> <p>W3 WALL TYPE-3: 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</p> <p>W4 WALL TYPE-4: EXISTING INTERIOR 1HR FIRE SEPARATION:
13 G1S FIRE RETARDANT EPOXY PAINTED PLYWOOD
TWO LAYERS 16 TYPE-X GYPSUM BOARD
89 MINERAL WOOL BATT INSULATION
EXISTING 38x89 WOOD STUDS @ 300o.c.
EXISTING GYPSUM BOARD</p> <p>W5 WALL TYPE-5: INTERIOR 1HR RATED FIRE SEPARATION
13 G1S FIRE RETARDANT EPOXY PAINTED PLYWOOD
16 TYPE-X GYPSUM BOARD
89 MINERAL WOOL BATT INSULATION
38x89 WOOD STUDS @ 300o.c.
16 TYPE-X GYPSUM BOARD</p> <p>W6 WALL TYPE-6: INTERIOR WALL:
13 G1S FIRE RETARDANT EPOXY PAINTED PLYWOOD
13 PLYWOOD BACKER BOARD
EXISTING WOOD STUDS
EXISTING GYPSUM BOARD</p> | <p>C1 CEILING:
EPOXY PAINT c/w SECURITY SEALANT AS SPECIFIED
FIRE RETARDANT G.1.S. PLYWOOD
16 TYPE-X GYPSUM BOARD
EXISTING CEILING BOARD AS ASSEMBLY</p> <p>C2 CEILING FINISH:
EPOXY PAINT c/w SECURITY SEALANT AS SPECIFIED
FIRE RETARDANT G.1.S. PLYWOOD
2-LAYERS 12mm TYPE-X GYPSUM BOARD</p> <p>C3 CEILING FINISH:
16 TYPE-X GYPSUM BOARD
EXISTING CEILING BOARD AS ASSEMBLY</p> | <p>1. TYPICAL: PAINTING SHALL INCLUDE, BUT NOT BE LIMITED TO: INTERIOR AND EXTERIOR EXPOSED DUCTWORK, LOUVERS, AND MISC. TRIM OTHER THAN ARCHITECTURAL STAINLESS STEEL</p> <p>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</p> <p>3. ALL PAINT WITHIN ROOMS 107, 108, 109, 112 ARE 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</p> <p>4. ALL FASTENERS IN ROOM 109 INTERIORS TO BE TAMPER RESISTANT SECURITY SCREWS, U.N.O. (CENTRE PINNED SECURITY TORX HEAD)</p> <p>5. ALL FINISHES AS PER SPECIFICATION, CONFIRM APPROVAL OF FINAL COLORS PRIOR TO EXECUTION FINAL PAINT COLORS TO BE APPROVED, PRIOR TO ORDERING, TYPICAL</p> <p>6. PREPARE ALL SURFACES AS REQUIRED FOR FINISHES AS PER SPECIFICATION AND IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS, TYPICAL</p> <p>7. REFER TO REFLECTED CEILING PLANS & SCHEDULES FOR FINISHES</p> <p>8. APPROVED SECURITY SEALANT AS PER THE FOLLOWING MANUFACTURERS: "BASF-EPOLITH G"; PECORA-DYNAPOXY EP-430 FAST"; PECORA-DYNAPOXY EP-1200"; "SIKA-ANCHOR FIX-3"; AND "TREMCO-PERMAQUIK 2252".</p> |
|--|---|---|



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1-2013/06/14: ISSUE FOR 99% REVIEW
0-2013/05/08: ISSUE FOR 66% REVIEW



PROJECT: BLAINE LAKE POLICE BUILDING RENOVATIONS
BLAINE LAKE, SASKATCHEWAN

DRAWING: ROOM FINISH SCHEDULES AND ASSEMBLIES

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: LS, CG
SHEET No: 1	PLOT No: 1

A209

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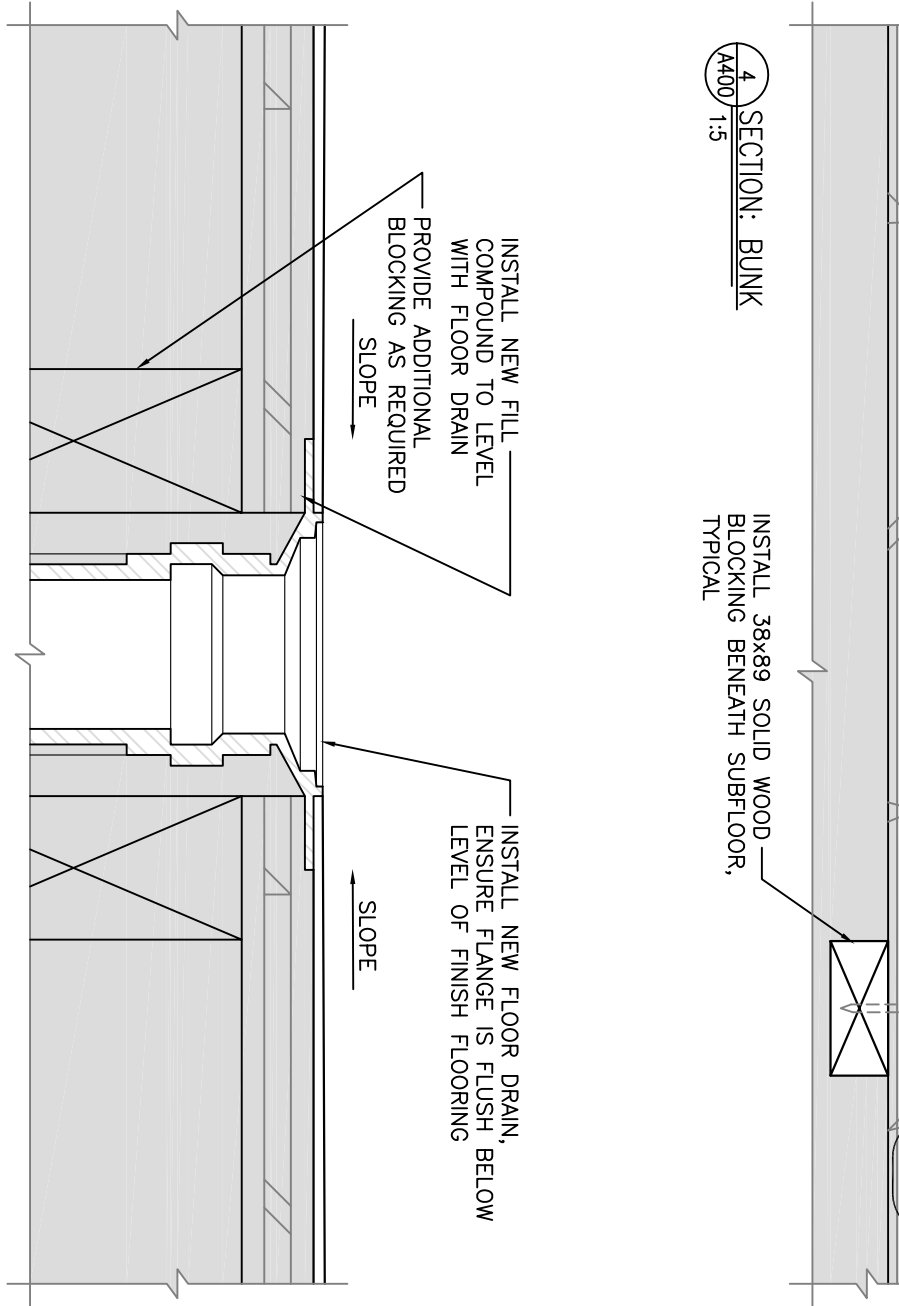
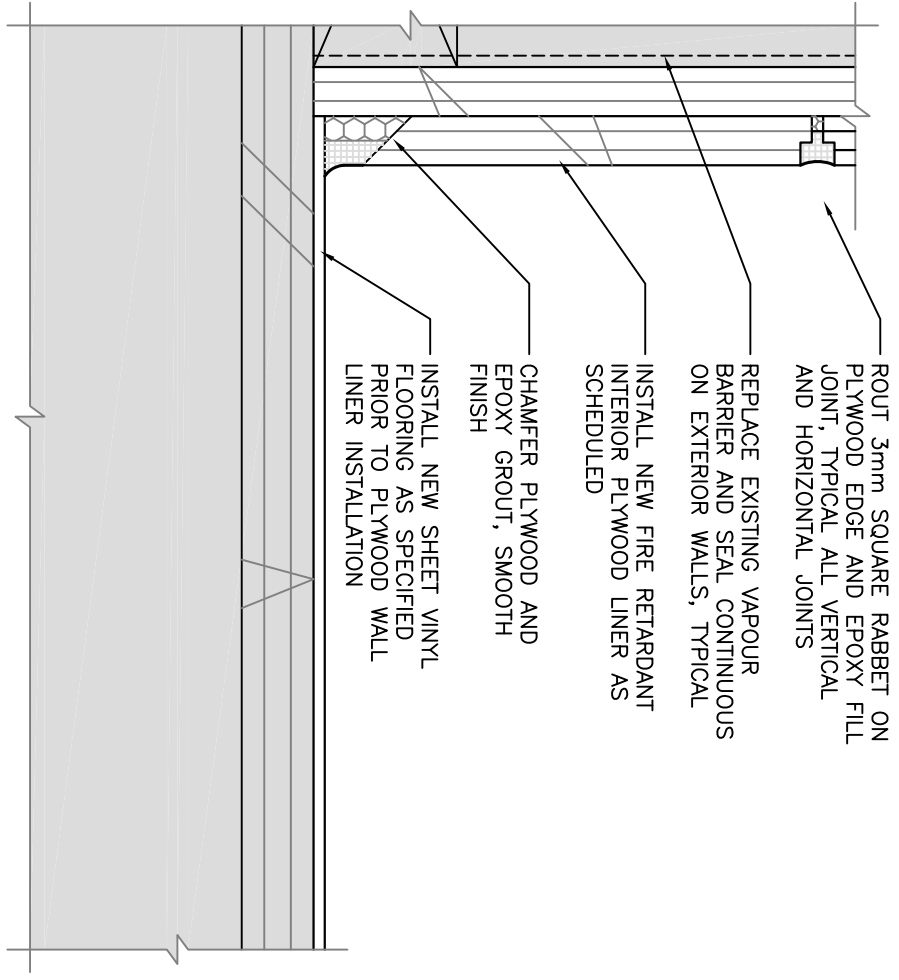
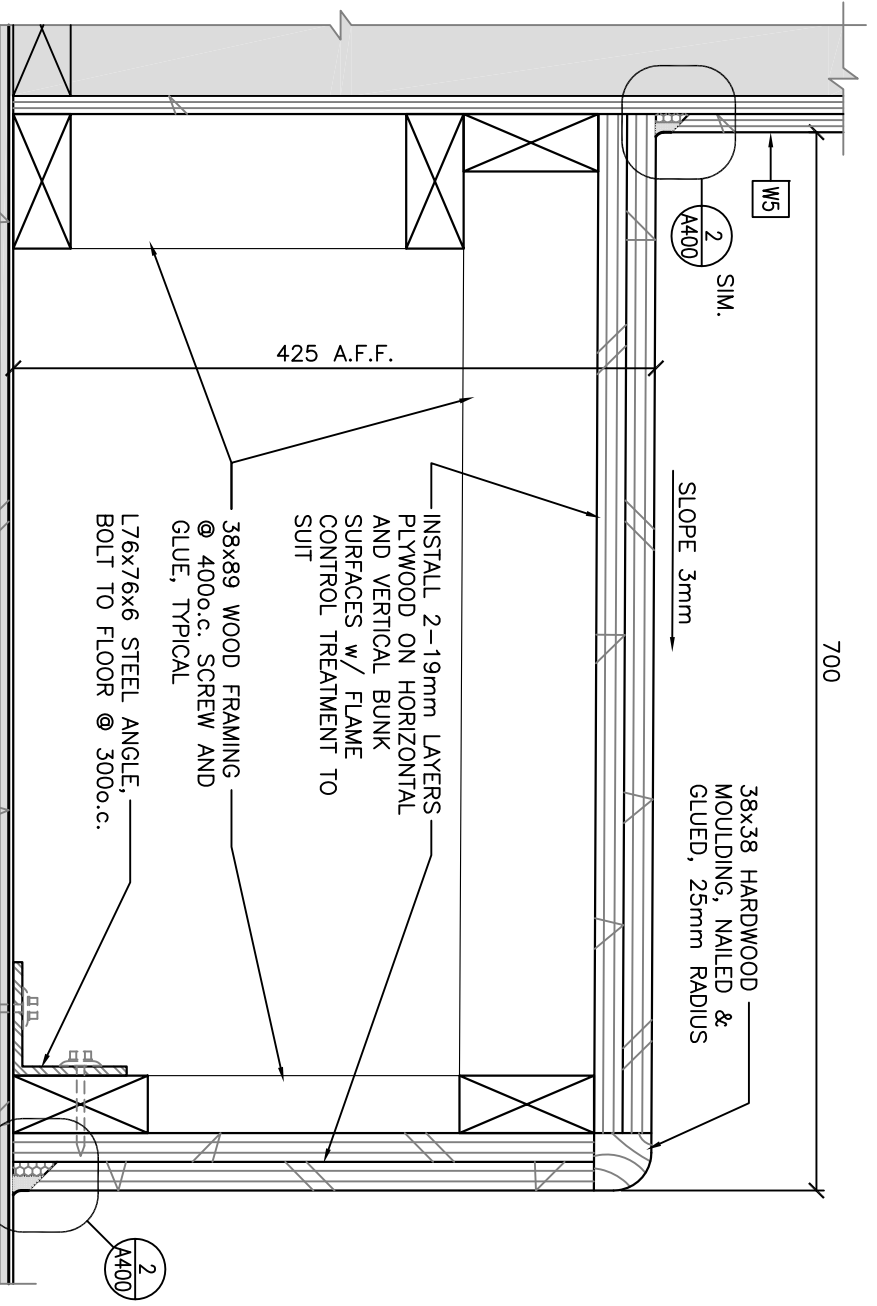
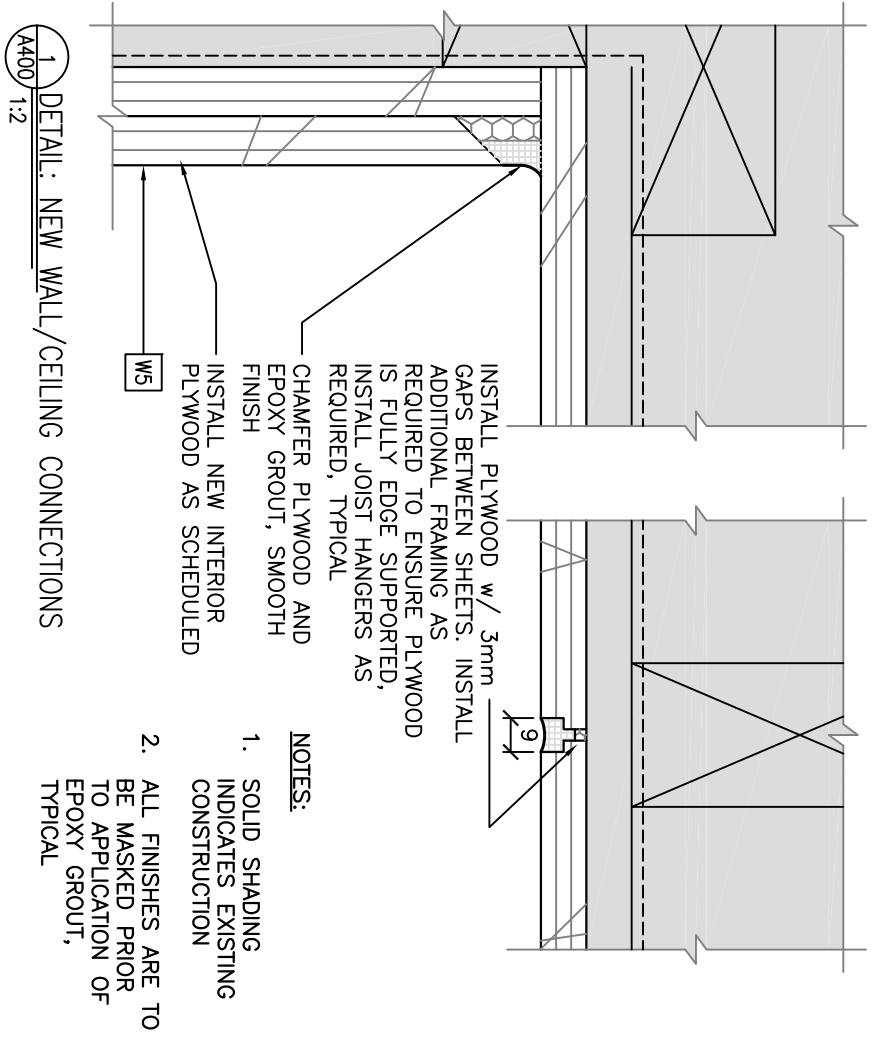
PROJECT:

BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:

DETAILS:
 ROOM 109 FINISHES

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: CG
SHEET No: A400	PLOT No: 1



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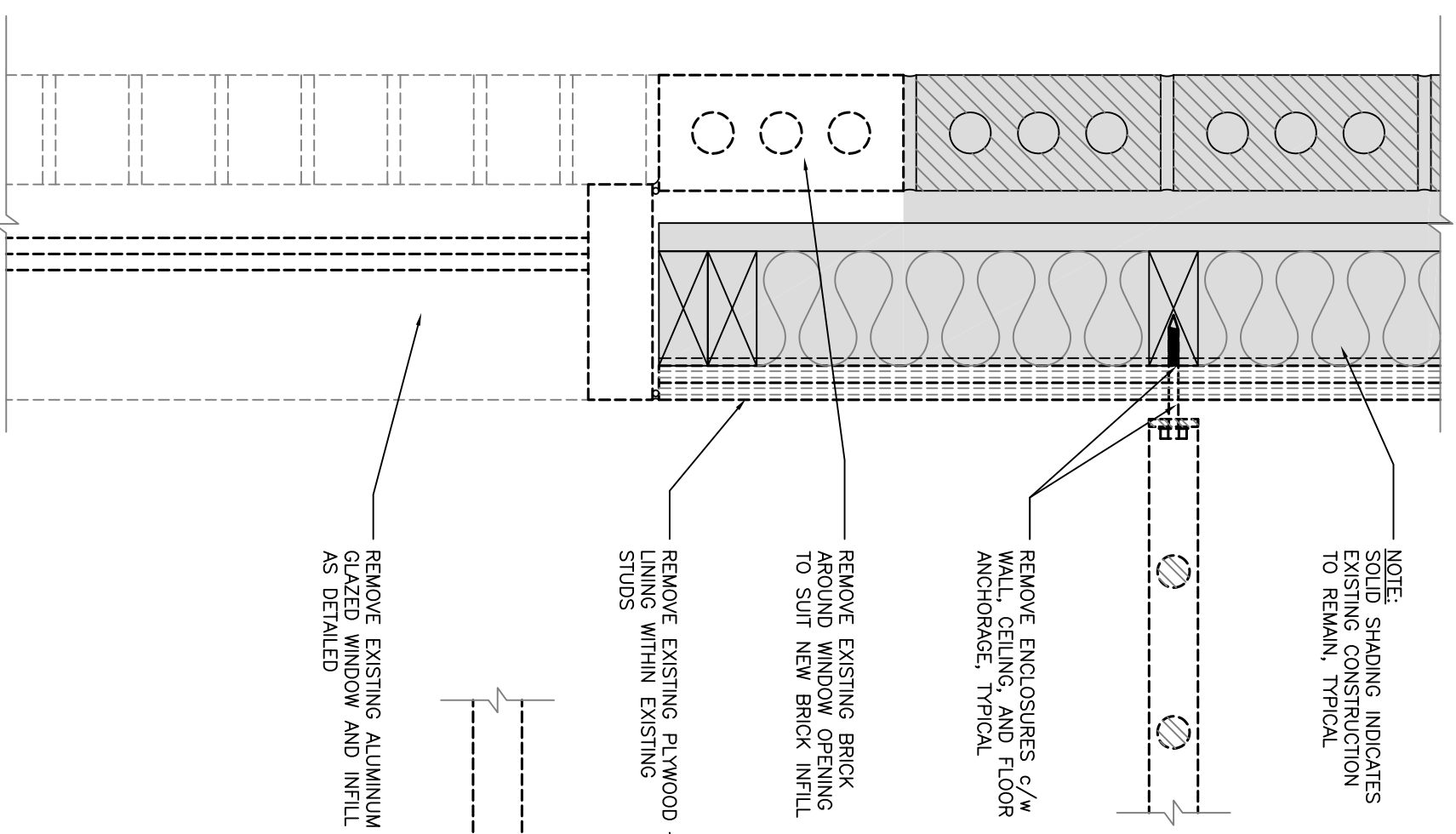


Canada

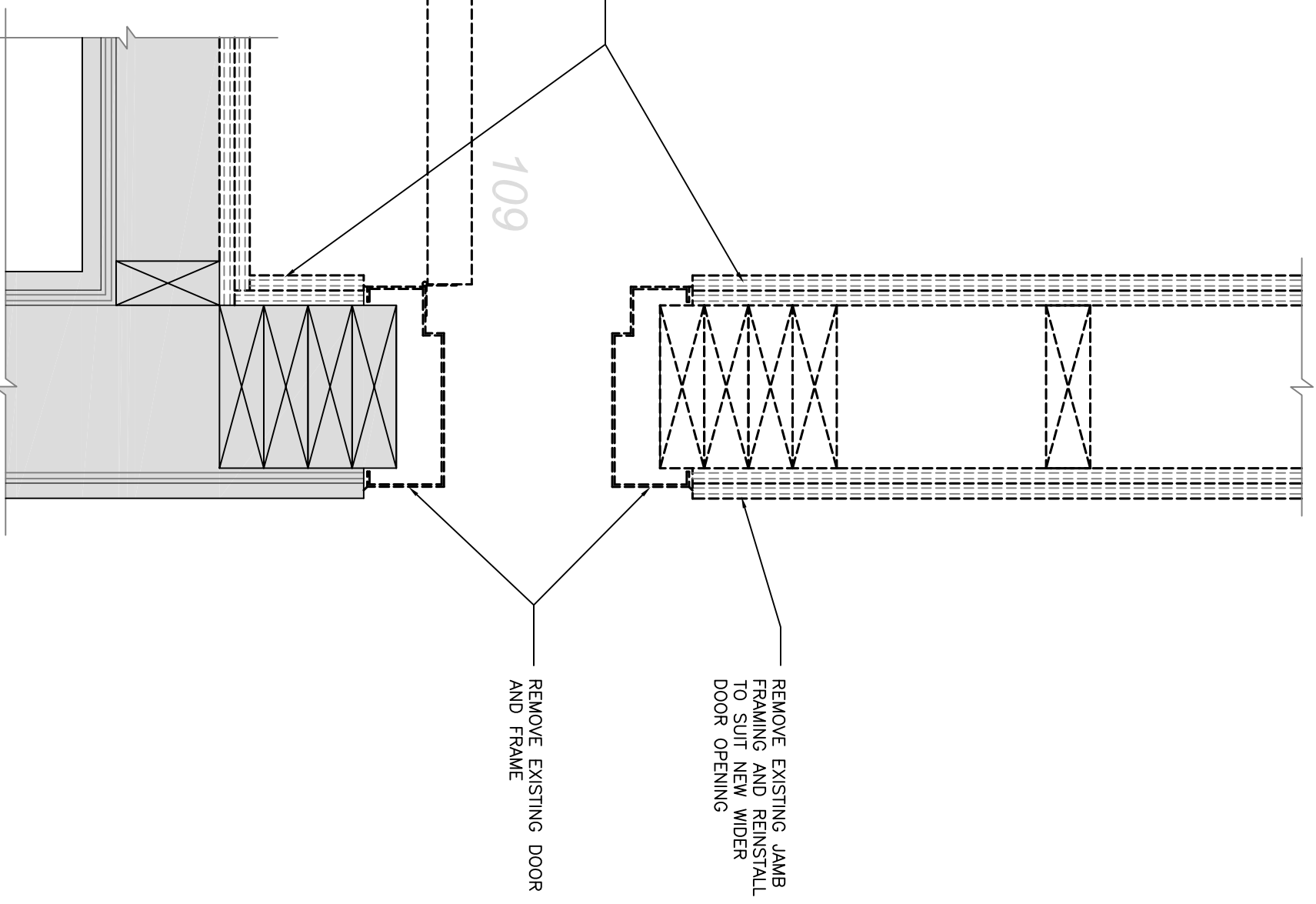
PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 PLAN DETAILS:
 DEMOLITION

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: CG
SHEET No: 1	PLOT No: 1



1 PLAN DETAIL: WINDOW DEMOLITION
 A401 1:5



2 PLAN DETAIL: DOOR DEMOLITION
 A401 1:5

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Canada

PROJECT:

BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:

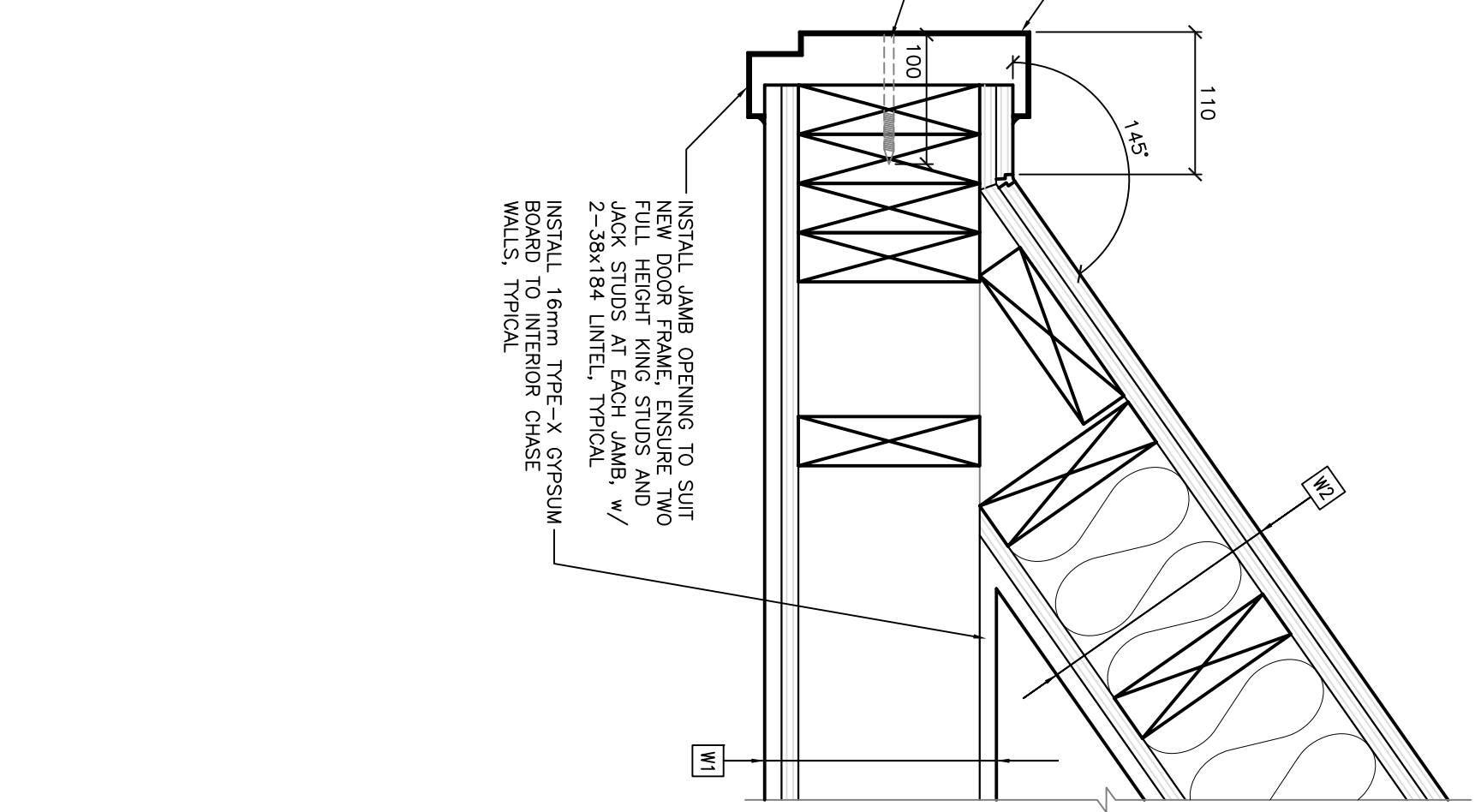
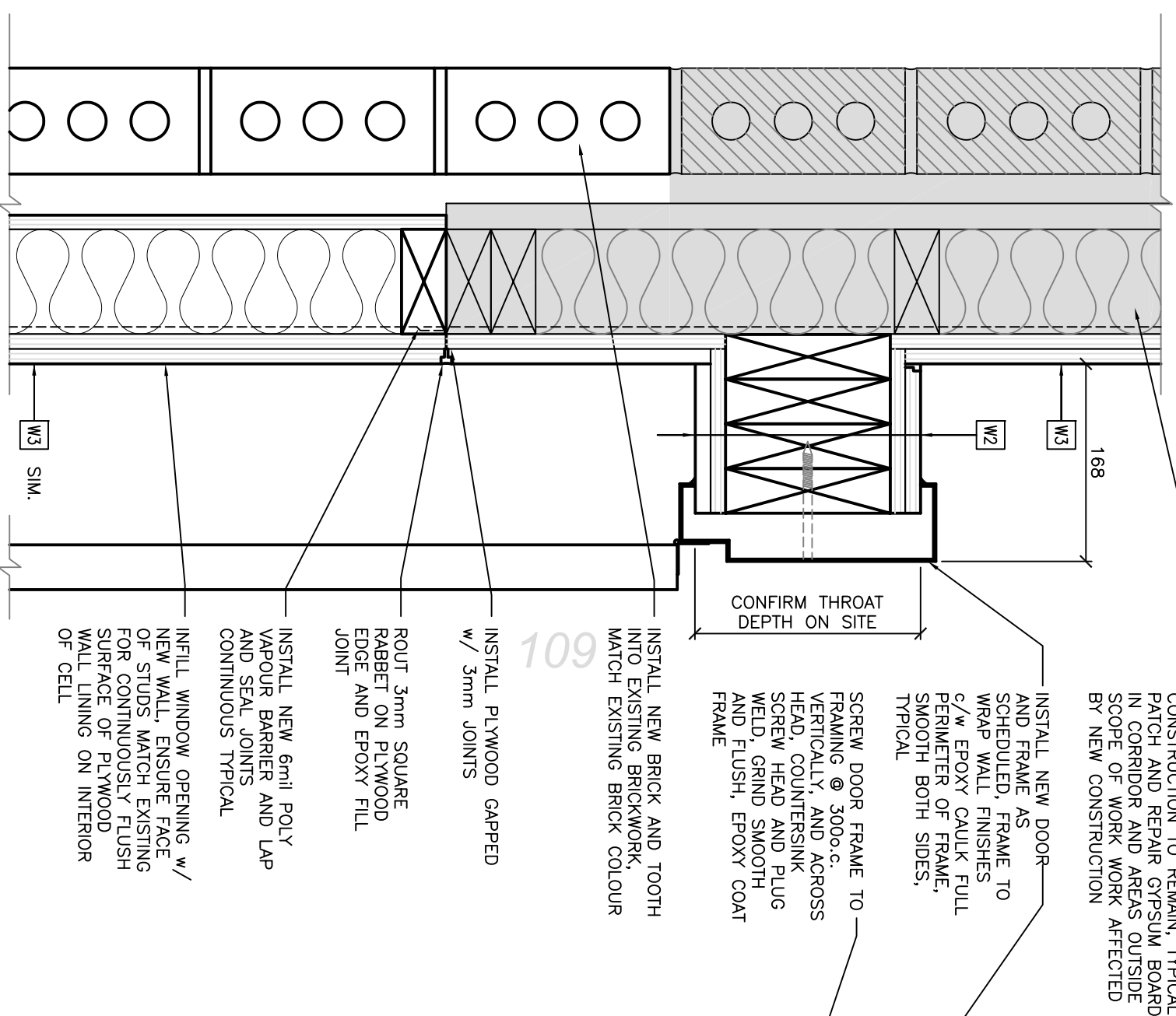
PLAN DETAILS:
 PROPOSED

PROJECT No: 651b-13	SCALE: AS NOTED
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DATE: 2013/10/11	DRAWN BY: CG
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SHEET No: 1	PLOT No: 1
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A402



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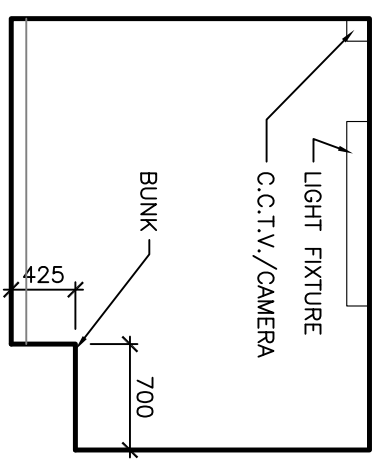


Canada

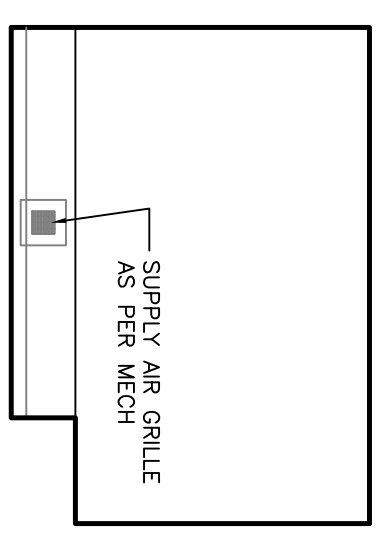
PROJECT: BLAINE LAKE POLICE BUILDING RENOVATIONS
BLAINE LAKE, SASKATCHEWAN

DRAWING: INTERIOR ELEVATIONS

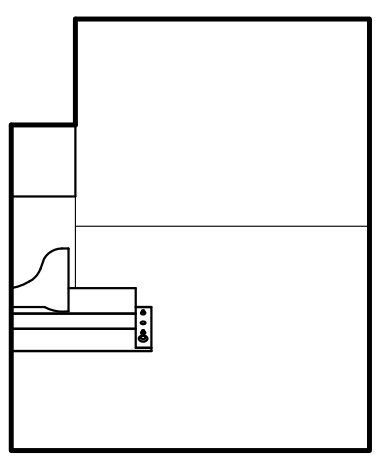
PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: CG
SHEET No: 1	PLOT No: 1



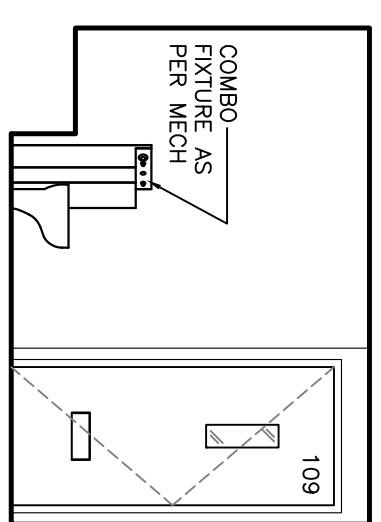
1 109, SOUTH-WEST
A700 1:50



2 109, NORTH-WEST
A700 1:50



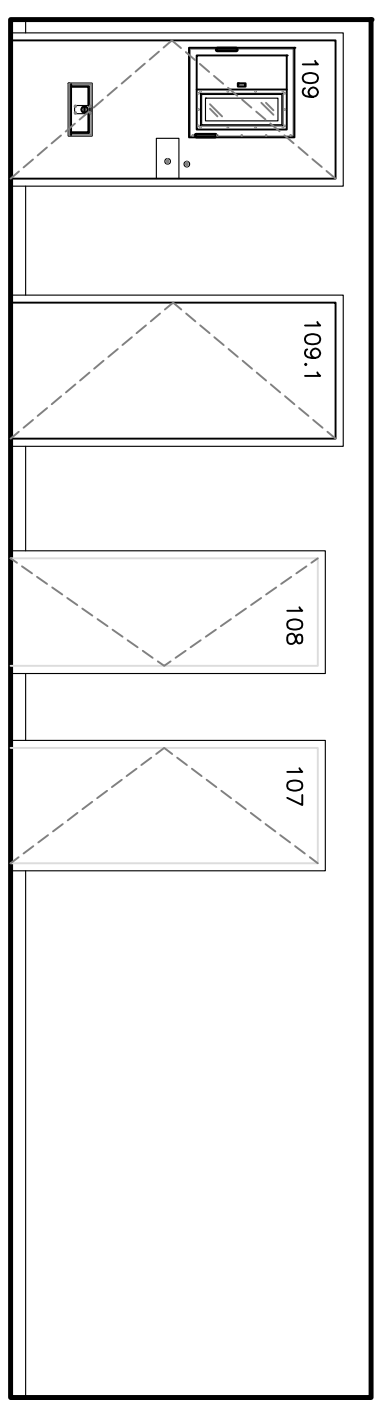
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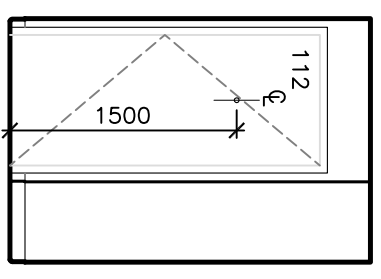
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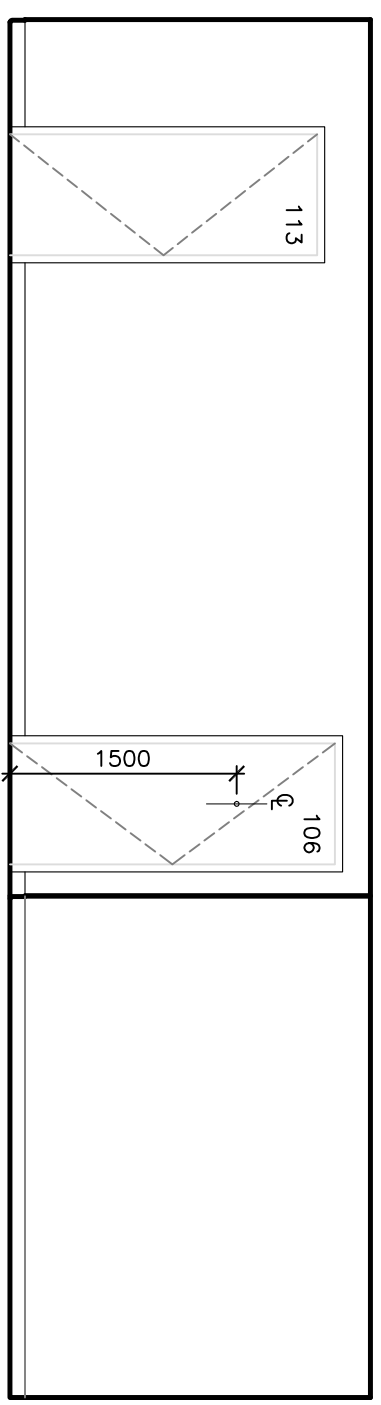
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A700 1:50



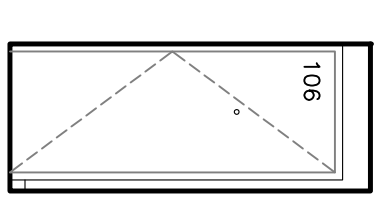
6 112, NORTH-WEST
A700 1:50



7 112, NORTH-EAST
A700 1:50



8 112, SOUTH-EAST
A700 1:50



9 106, SOUTH-WEST
A700 1:50

ALL DEVICES ARE NEW UNLESS NOTED OTHERWISE.

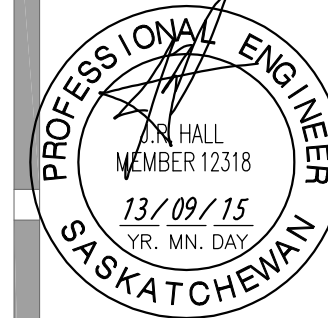
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of Saskatchewan
CERTIFICATE OF AUTHORIZATION
PWA Engineering Ltd.
Number C033

Permission to Consult held by:
Discipline ELECTRICAL Sk. Reg. No. 4294 Signature [Signature]

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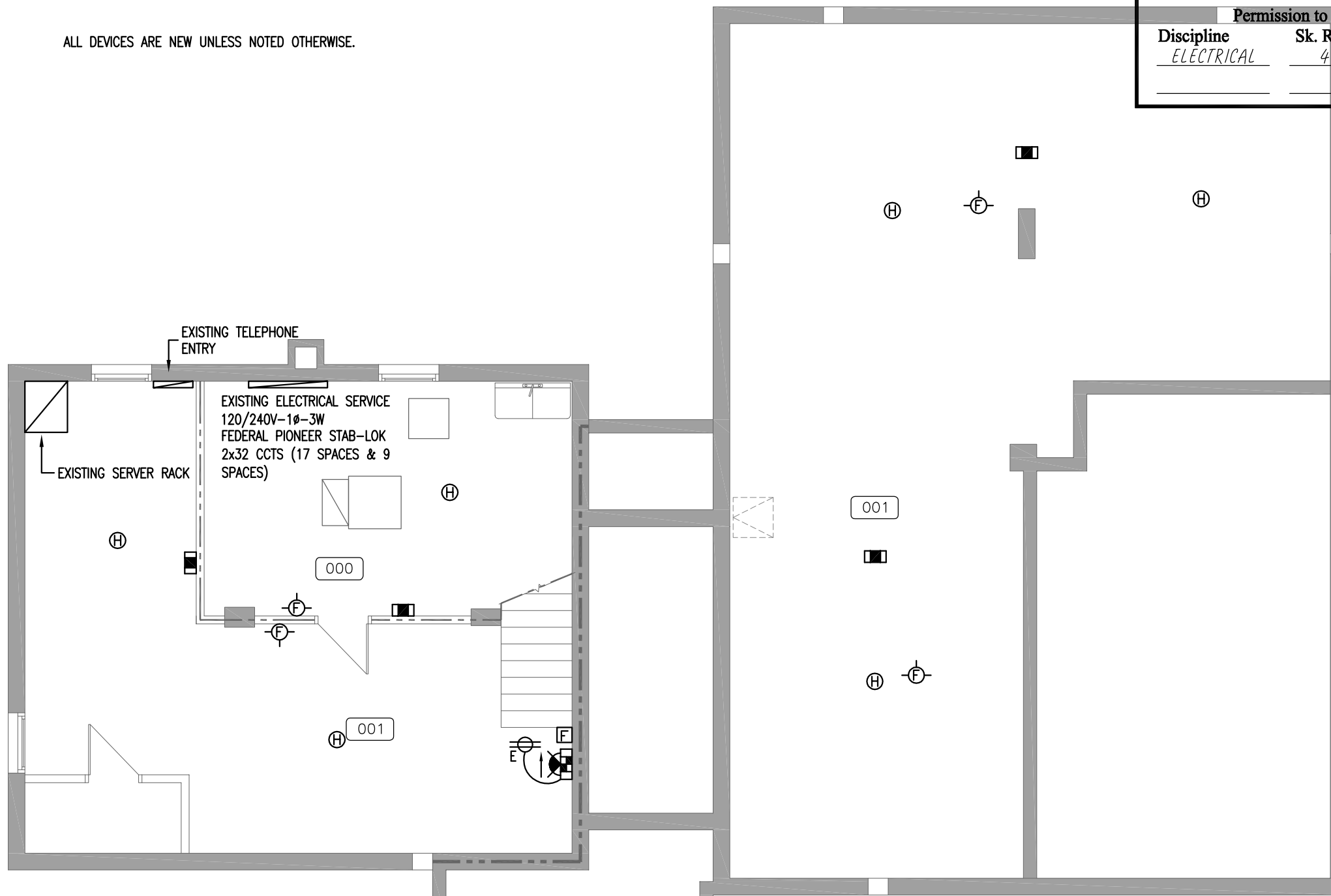
CLIENT:
 Government of Canada
Canada

PROJECT:
BLAINE LAKE
POLICE BUILDING
RENOVATIONS
BLAINE LAKE, SASKATCHEWAN

DRAWING:
BASEMENT PLAN:
ELECTRICAL

PWA 7515b
PROJECT No: 651b-13 SCALE: AS NOTED
DATE: 2013/09/15 DRAWN BY: ARZ

SHEET No: PLOT No: 0
E200



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 FLOURESCENT 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-28DTT-120-CSA-LPI	WALL	1-26W QT	
		KENALL	H612FL-C-26Q-1-120			
		COOPER FAIL-SAFE	QDBC-PP-26H-120-LL			



1 BASEMENT PLAN: EXISTING/PROPOSED
E200 1:75

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CLIENT:
 Government of Canada
Canada

PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 MAIN FLOOR PLAN:
 ELECTRICAL

PWA 7515b

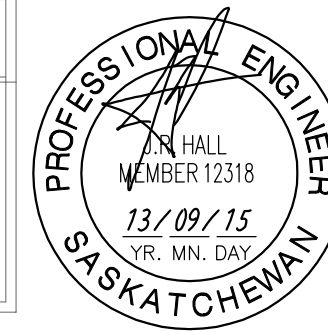
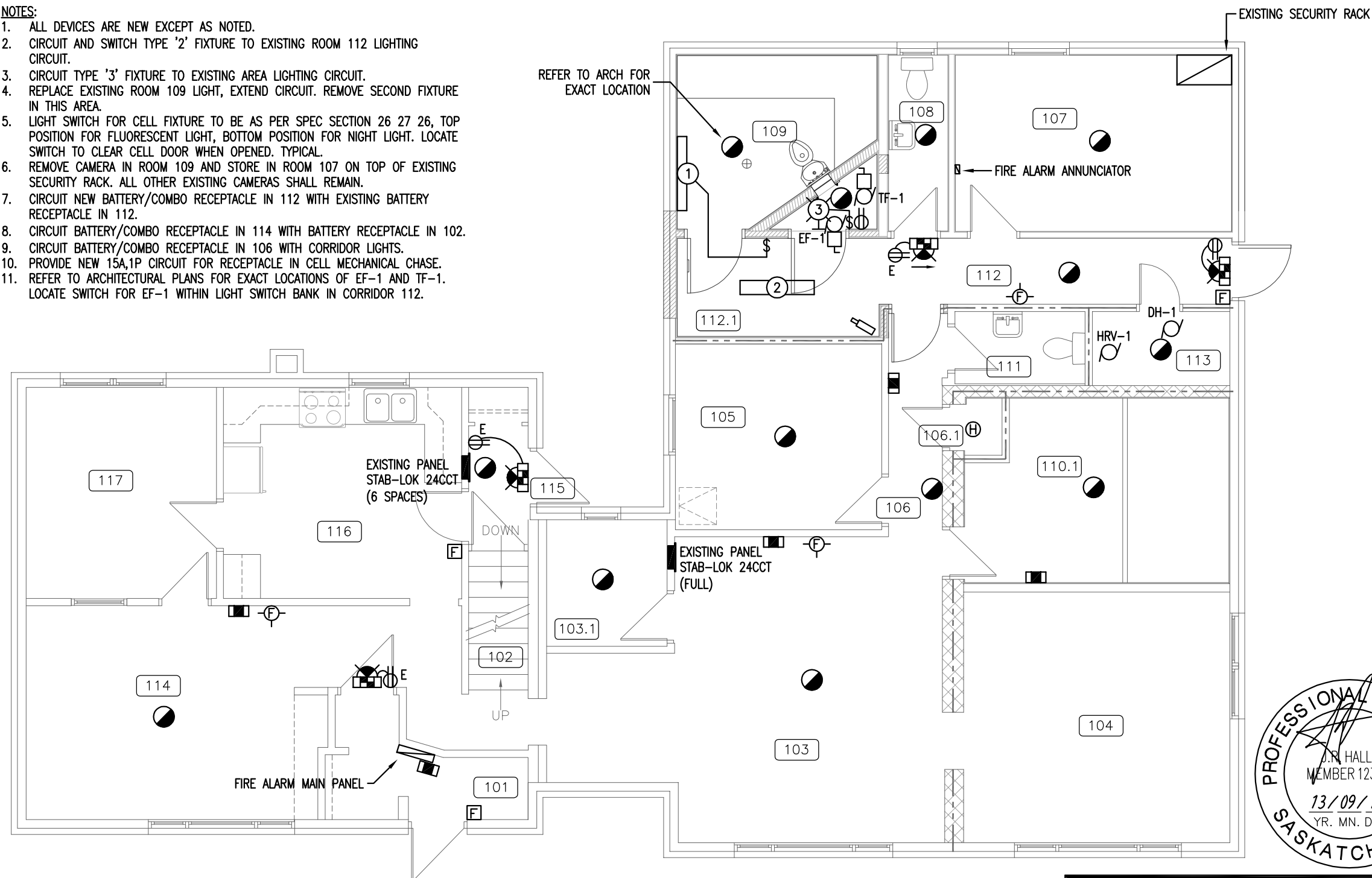
PROJECT No: 651b-13 SCALE: AS NOTED

DATE: 2013/09/15 DRAWN BY: ARZ

SHEET No: PLOT No: 0

E201

- NOTES:**
1. ALL DEVICES ARE NEW EXCEPT AS NOTED.
 2. CIRCUIT AND SWITCH TYPE '2' FIXTURE TO EXISTING ROOM 112 LIGHTING CIRCUIT.
 3. CIRCUIT TYPE '3' FIXTURE TO EXISTING AREA LIGHTING CIRCUIT.
 4. REPLACE EXISTING ROOM 109 LIGHT, EXTEND CIRCUIT. REMOVE SECOND FIXTURE IN THIS AREA.
 5. 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.
 6. REMOVE CAMERA IN ROOM 109 AND STORE IN ROOM 107 ON TOP OF EXISTING SECURITY RACK. ALL OTHER EXISTING CAMERAS SHALL REMAIN.
 7. CIRCUIT NEW BATTERY/COMBO RECEPTACLE IN 112 WITH EXISTING BATTERY RECEPTACLE IN 112.
 8. CIRCUIT BATTERY/COMBO RECEPTACLE IN 114 WITH BATTERY RECEPTACLE IN 102.
 9. CIRCUIT BATTERY/COMBO RECEPTACLE IN 106 WITH CORRIDOR LIGHTS.
 10. PROVIDE NEW 15A,1P CIRCUIT FOR RECEPTACLE IN CELL MECHANICAL CHASE.
 11. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF EF-1 AND TF-1. LOCATE SWITCH FOR EF-1 WITHIN LIGHT SWITCH BANK IN CORRIDOR 112.



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 1 MAIN FLOOR PLAN: EXISTING/PROPOSED
 E201/1:75

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CLIENT:



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PROJECT:

BLAINE LAKE
POLICE BUILDING
RENOVATIONS
BLAINE LAKE, SASKATCHEWAN

DRAWING:

SECOND FLOOR PLAN:
ELECTRICAL

PWA 7515b

PROJECT No:
651b-13

SCALE:
AS NOTED

DATE:
2013/09/15

DRAWN BY:
ARZ

SHEET No:

PLOT No: 0

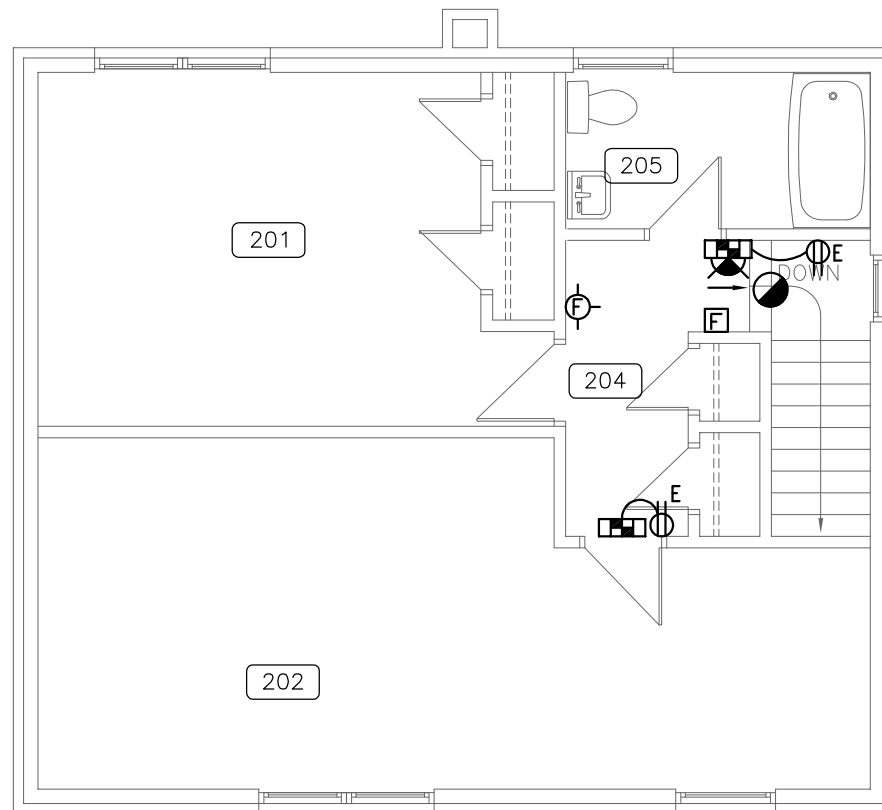
E202

Motor and Mechanical Equipment Schedule

NO	DESCRIPTION	VOLT	PH	HP	W	FLA	FEEDER	BREAKER	CIRCUIT	CONTROL	NOTES
HRV-1	HEAT RECOVERY VENTILATOR	120	1Ø		150	1.3	2#12, 21mmC	15A,1P	A-1	3 POSITION SWITCH WITH UNIT	PLUG-IN
DH1	ELECTRIC DUCT HEATER	240	1Ø			9.6	3#12, 21mmC	15A,2P	A-3/5	INTEGRAL TEMP CONTROLLER	
EF-1	EXHAUST FAN	120	1Ø		19		2#12, 21mmC	15A,1P	A-7	ON/OFF SWITCH	
TF-1	TRANSFER FAN	120	1Ø		19		2#12, 21mmC	15A,1P	A-7	FAN TO RUN CONTINUOUSLY	

CIRCUIT NUMBERS SHOWN FOR QUANTITY ONLY, CONTRACTOR TO CIRCUIT EQUIPMENT FROM NEAREST PANEL WITH SPACE AND TO UPDATE RECORD DRAWINGS ACCORDINGLY.

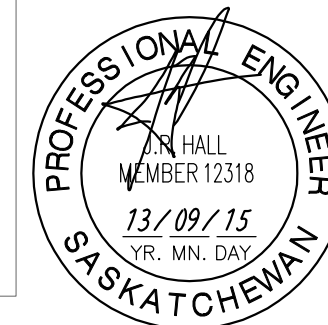
ALL DEVICES ARE NEW UNLESS NOTED OTHERWISE.



LEGEND

SYMBOL	DESCRIPTION
	FLOURESCENT FIXTURE - CEILING MOUNT
	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



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Signature



1 SECOND FLOOR PLAN: EXISTING/PROPOSED
E202 1:75

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 A-2013/05/08: ISSUE FOR 66% REVIEW

CLIENT:
 Government of Canada
Canada

PROJECT:
BLAINE LAKE POLICE BUILDING RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
MAIN FLOOR PLAN: SECURITY

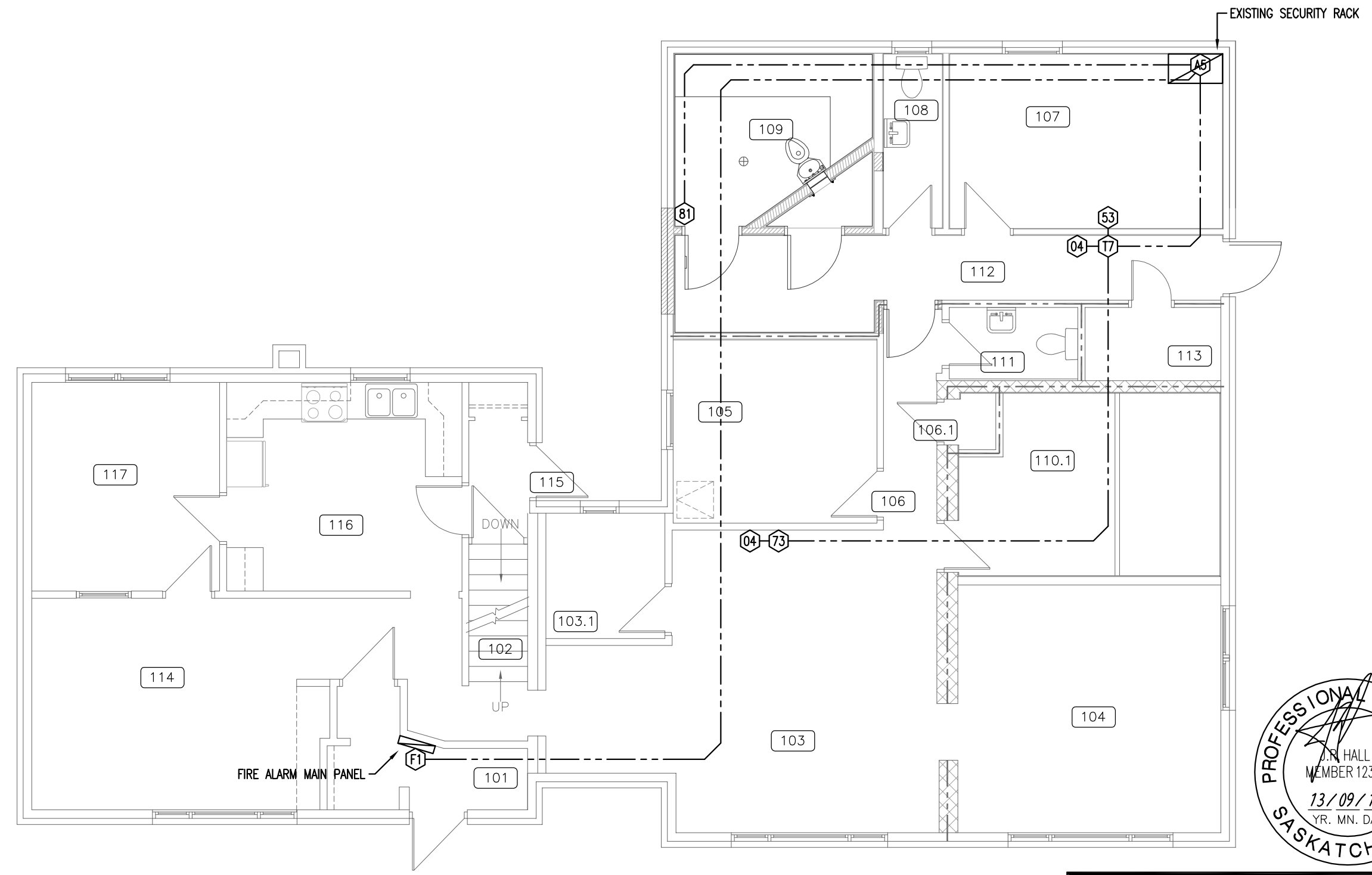
PWA 7515b

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/09/15	DRAWN BY: ARZ

 SHEET No: PLOT No: 0

E301

----- 13mm CONDUIT



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

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

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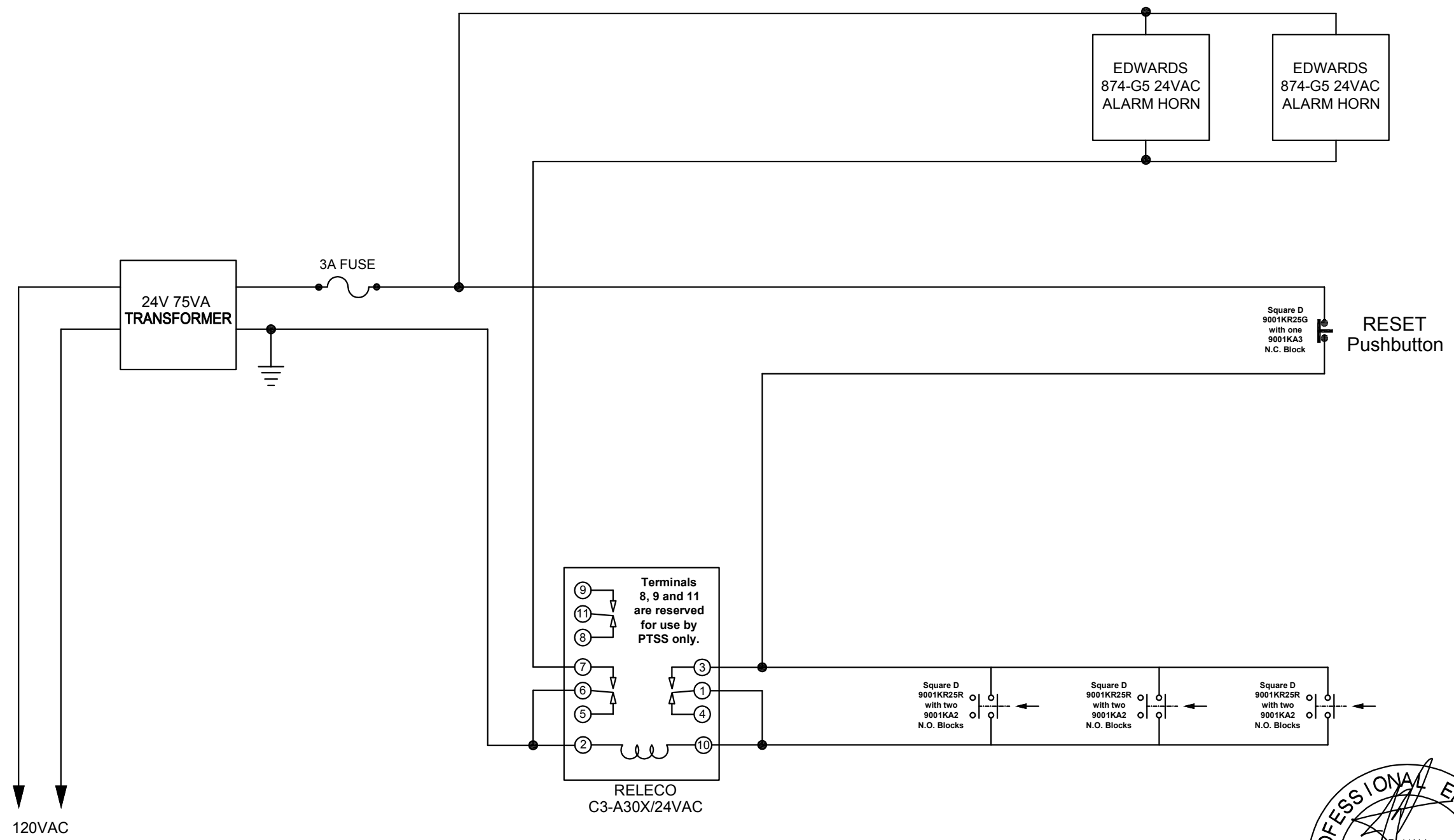


PROJECT:
**BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS**
 BLAINE LAKE, SASKATCHEWAN

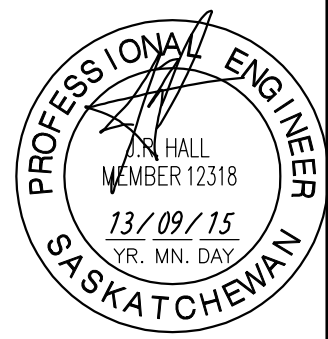
DRAWING:
SECURITY DETAILS

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

E302



1 SCHEMATIC - CELL BLOCK RIOT ALARM
 E302 1:75



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 477 - 1ST AVENUE NORTH
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 PH: (306) 682-7772 FX: (306) 684-1806
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PROFESSIONAL ENGINEER
 R. J. COWAN
 SASKATOON
 SEPT. 15/13
 245-132

ASSOCIATION OF PROFESSIONAL ENGINEERS
 OF SASKATCHEWAN
 CERTIFICATE OF REGISTRATION
 KEY WEST ENGINEERING LTD.
 NUMBER 494
 MEMBER IN GOOD STANDING
 EXPIRES SEP. 03/14
 SEPTEMBER 2013

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- A 2013/05/08 ISSUE FOR 66% REVIEW

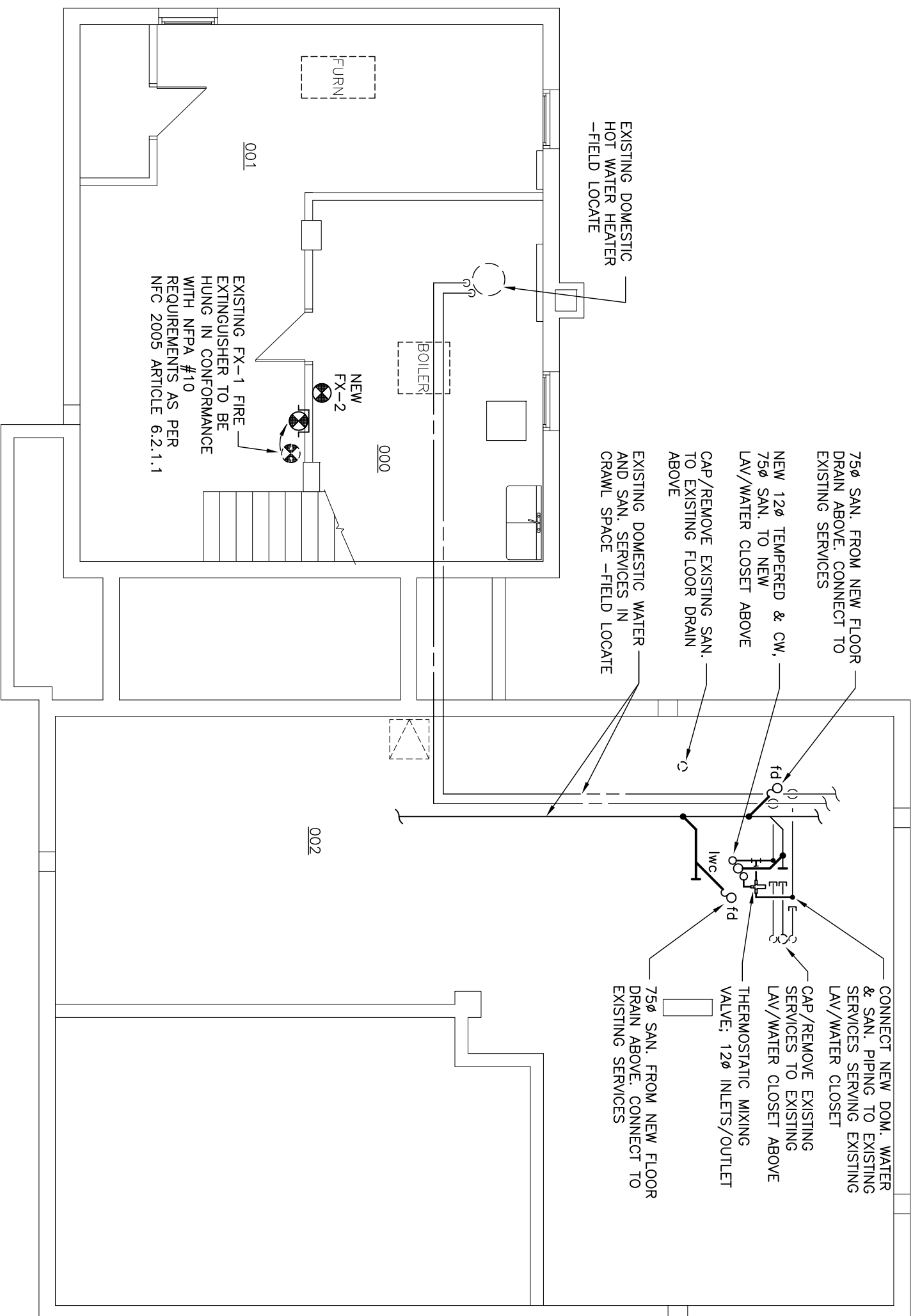


Canada

PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 MECHANICAL
 BASEMENT PLAN
 PROPOSED
 PLUMBING

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: BWO
SHEET No: M200	PLOT No: 1



1 BASEMENT PLAN: PROPOSED
 M200 1:75

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KEY WEST ENGINEERING LTD.
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PROFESSIONAL ENGINEER
 R. J. COWAN
 SASKATOON
 SEPT. 15/13
 245-132

ASSOCIATION OF PROFESSIONAL ENGINEERS OF SASKATCHEWAN
 CERTIFICATE OF REGISTRATION
 KEY WEST ENGINEERING LTD.
 NUMBER 494
 MEMBER IN GOOD STANDING
 EXPIRES SEP. 15, 2016

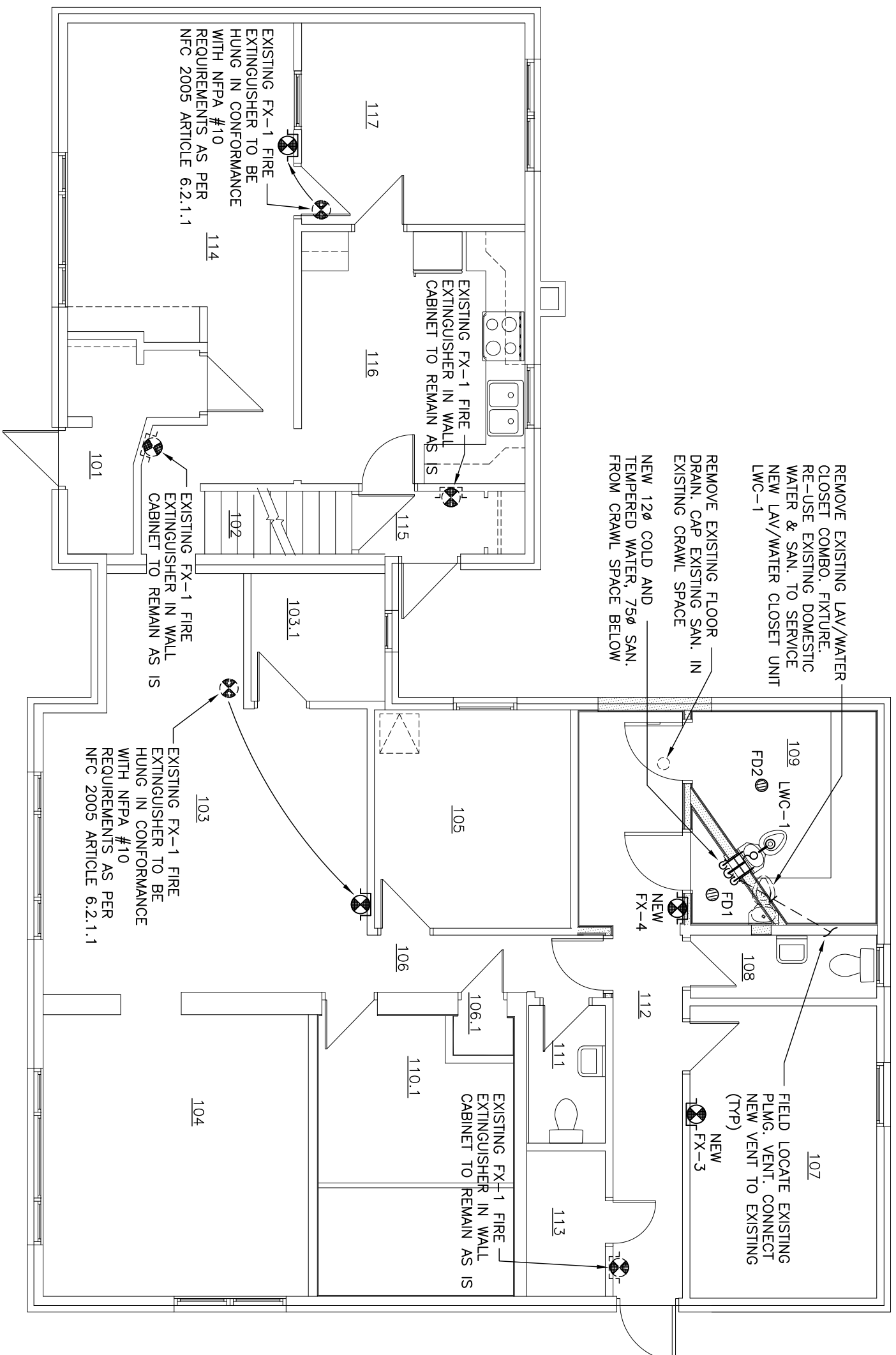
- 0 2013/09/15 ISSUE FOR TENDER
- B 2013/06/14 ISSUE FOR 99% REVIEW
- A 2013/05/08 ISSUE FOR 66% REVIEW



PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 MECHANICAL
 MAIN FLOOR PLAN
 EXISTING/PROPOSED
 PLUMBING

PROJECT No: 651b-13	SCALE: AS NOTED
DATE: 2013/10/11	DRAWN BY: BWO
SHEET No: 1	PLOT No: 1



1 MAIN FLOOR PLAN: PROPOSED
 M201 1:75



M201

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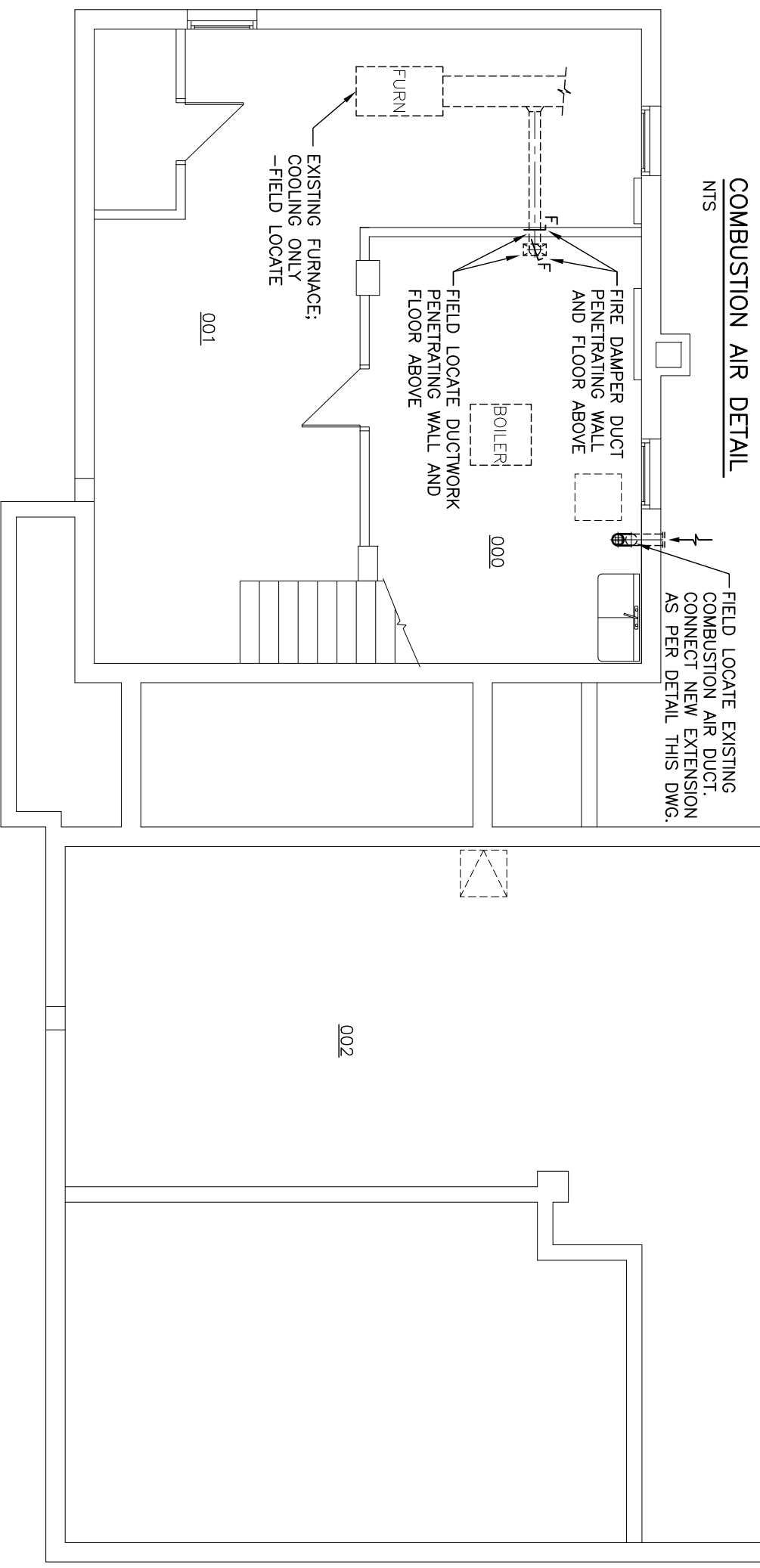
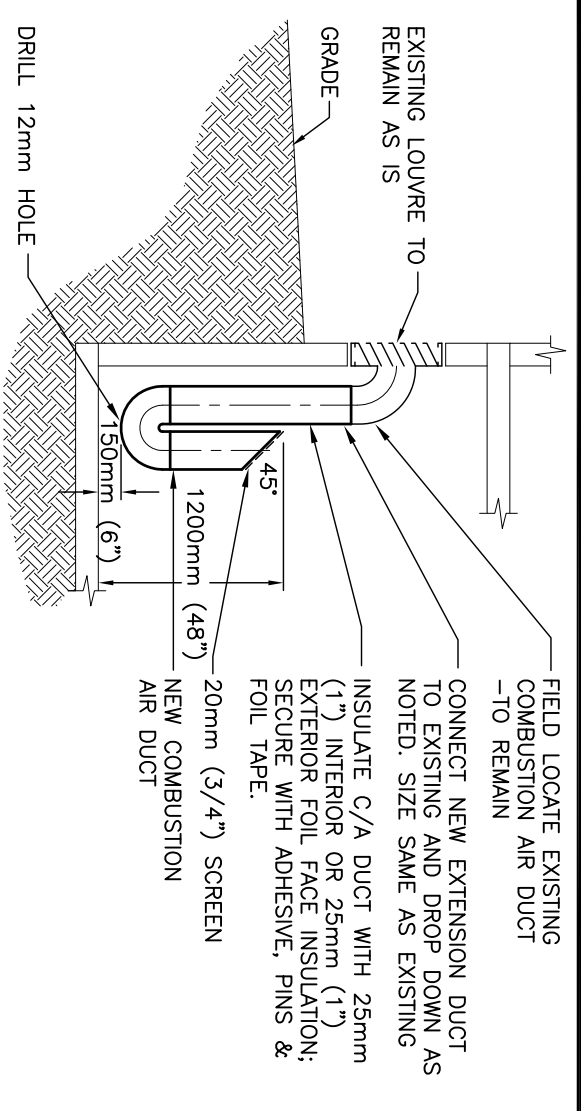
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PROJECT:
 BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:
 MECHANICAL
 BASEMENT PLAN
 EXISTING/PROPOSED
 HVAC

PROJECT No:	651b-13	SCALE:	AS NOTED
DATE:	2013/10/11	DRAWN BY:	BWO
SHEET No:	M300	PLOT No:	1



- NOTES:
- FIELD LOCATE AND DETERMINE SIZE FOR ALL DUCTWORK PENETRATING NEW AND EXISTING MECHANICAL ROOM FIRE RATED WALLS AND CEILINGS
 - PROVIDE FIRE DAMPER FOR ALL DUCTWORK PENETRATING MECHANICAL ROOM WALLS AND ALL DUCTWORK PENETRATING MAIN FLOOR FROM THE MECHANICAL ROOMS
 - ENSURE ALL PIPING PENETRATIONS THROUGH FIRE SEPARATIONS ARE SEALED WITH FIRE STOPPING SEALANTS AS PER NBC 2005 ARTICLES 3.1.8.3, 3.1.9.1, 3.1.9.3, 3.1.9.4.



EXHIBIT SCHEDULE

FLOOR DRAINS

FD1: 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.

FD2: 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 LOCITITE LIQUID THREAD LOCKERS SERIES 262, MIL-SPEC S-46163A, TYPE II, GRADE 0. 4" (100MM) THROAT ON STRAINER, TRAP PRIMER CONNECTION 'P'.

CLEAN OUTS

CO1 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).

CO2 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.

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: ACOORN ENGINEERING CO. ACOORN 'PENAL-WARE'

1440-(C1)-2-BPH-03-M-FV-FVT-SW-PBH, WILLOUGHBY INDUSTRIES - MODEL ECW-1806-C-MOD-RCMP.

THERMOSTATIC MIXING VALVE

SYMONS MAXLINE MODEL 5-225-OK-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: WILSON & COUSINS DRY CHEMICAL MULTIPURPOSE POWDER, MODEL ABC-050, WITH A ULC RATING OF 3A:40BC, 5 LB. C/W IET05R4-SS CABINET SUITABLE FOR A RECESSED OR SEMI-RECESSED INSTALLATION TYPE. EXTINGUISHER CABINET CONSTRUCTED OF 14 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-2: 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: WILSON & COUSINS CARBON DIOXIDE, MODEL CO2-050H, 5 LB WITH A ULC RATING OF 5BC, C/W IET05R4-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 IET05R4-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

1.0 HEAT RECOVERY VENTILATOR HRV

.1 HRV-1 (GENERAL VENTILATION) - FANTTECH MODEL VHR 1404 52 l/s @ 150 Pa (110 CFM @ 0.6"wg), 120V 1Ø 1.3A 150W c/w INSULATED CABINET, TWO EBM MOTORS, WASHABLE ELECTROSTATIC PANEL TYPE AIR FILTERS, ALUMINIUM HEAT RECOVERY CORE, THREE POSITION (LOW/STAND BY/MEDIUM) ROCKER SWITCH, 150mm (6") INLETS/OUTLETS, 1m (3') PLUG-IN POWER CORD w/ 3-PRONG PLUG, INSTALLATION KIT. UNIT TO RUN CONTINUOUSLY. 20 kg (45 lbs)

2.0 EF-1 EXHAUST FAN

.1 EF-1: FANTTECH MODEL FR 100 INLINE EXHAUST FAN, 24 LPS (50 CFM) AT 124 Pa (0.5 IN W.G.), 19 WATTS, 115V c/w ON/OFF SWITCH ADJACENT TO LIGHT SWITCH

3.0 TF-1 TRANSFER FAN

.1 TF-1: FANTTECH MODEL FR 100 INLINE TRANSFER FAN, 24 LPS (50 CFM) AT 124 Pa (0.5 IN W.G.), 19 WATTS, 115V, FAN TO BE RUN CONTINUOUSLY

4.0 GRILLES/DIFFUSERS/LOUVERS

.1 BLINK 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 BE 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 VIRTUCOM SCO SECURITY.

.2 TYPE B: E.H. PRICE MODEL 520D/F/L/A/B12 LOUVERED SUPPLY GRILLE, c/w VOLUME DAMPER, POWDER COAT FINISH, WHITE, SIZE AND AIR VOLUME AS NOTED.

.3 TYPE C: E.H. PRICE MODEL 530D/F/L/A/B12 LOUVERED EXHAUST GRILLE, c/w VOLUME DAMPER, POWDER COAT FINISH, WHITE, SIZE AND AIR VOLUME AS NOTED.

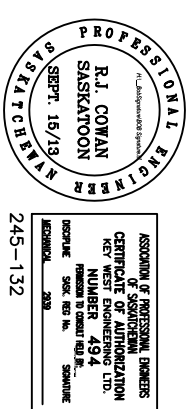


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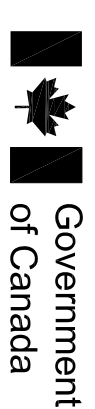
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CLIENT:



PROJECT:

BLAINE LAKE
 POLICE BUILDING
 RENOVATIONS
 BLAINE LAKE, SASKATCHEWAN

DRAWING:

MECHANICAL
 SCHEDULES

PROJECT No:	SCALE:
651b-13	AS NOTED

DATE:	DRAWN BY:
2013/10/11	SA

SHEET No: 1 PLOT No: 1

M400