

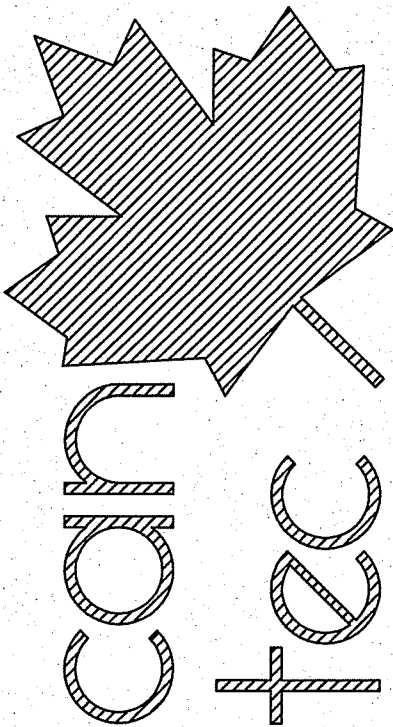
# INTERIOR RENOVATIONS

34 TACHE STREET  
FISHER BRANCH, MANITOBA

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1948 MAIN STREET, WINNIPEG, MANITOBA  
Tel: (204) 943-7222 Fax: (204) 947-5717  
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## DRAWING LIST

### ARCHITECTURAL

- A0.0 TITLE SHEET
- A0.1 DEMOLITION PLAN
- A2.0 PROPOSED MAIN FLOOR PLAN
- A2.1 PROPOSED REFLECTED CEILING PLAN
- A4.0 INTERIOR ELEVATIONS

### STRUCTURAL

- S-1 DEMOLITION PLAN
- S-2 NEW FLOOR PLAN

### MECHANICAL

- M1.0 MAIN FLOOR PLUMBING PLAN
- M1.1 CRAWL SPACE PLUMBING PLAN
- M2.0 MAIN FLOOR HVAC PLAN
- M2.1 CRAWL SPACE HVAC PLAN

### ELECTRICAL

- E1.0 ELECTRICAL PLAN DEMOLITION
- E2.0 ELECTRICAL PLAN

## CODE ANALYSIS

1 STOREY BUILDING, NON-SPRINKLERED

OCCUPANCY TYPE - RCMP DETACHMENT

OCCUPANT LOAD -OFFICE - 20

THIS BUILDING FALLS UNDER THE SCOPE OF THE RCMP DETACHMENT FIRE PROTECTION DESIGN REQUIREMENTS STANDARD

SINGLE STORY - NON- SPRINKLERED

MAXIMUM ALLOWS BUILDING AREA FOR NON SPRINKLERED = 600 SQ.M WITH COMBUSTIBLE CONSTRUCTION OR NON COMBUSTIBLE CONSTRUCTION - BUILDING COMPLIES

FIRE RESISTANCE RATING AT ROOF 45 MIN

## ABBREVIATIONS

ACOUSTIC	ACST	LAMINATE	LAM
ADHESIVE	ADH	LATEX EPOXY	LEP
ADJUSTABLE	ADJ	LAVATORY	LAV
AGGREGATE	AGGR	LAY-IN ACOUSTIC TILE	LAT
ALKALINE COPPER QUATERNARY	ACQ	LEFT HAND HINGE	LHH
ALTERNATE	ALT	LENGTH/LONG	LG
ALUMINIUM	ALUM	LIGHT	LT
APARTMENT	APT	LOUVRE	LV
APPROXIMATE	APPROX	LEVER	LVR
ARCHITECTURE(E/L)	ARCH	MANUFACTURE(R)	MFTR
BENCH MARK	BM	MARK	MK
BETWEEN	BTWN	MASONRY OPENING	MO
BLOCK	BLK	MATERIAL	MAT
BOARD	BD	MECHANICAL	MECH
BOTH SIDES	B/S	MINIMUM	MIN
BOTH WAYS	B/W	MISCELLANEOUS	MSC
BOTTOM	BOTT	NEAR FACE	N/F
BUILDING	BLDG	NEAR SIDE	N/S
CARPET	CPT	NORTH	N
CAST IRON	CI	NOT APPLICABLE	N/A
CEILING	CLG	NOT IN CONTRACT	NIC
CEMENT BOARD	CBD	NOT TO SCALE	NTS
CENTRE	CTR	NUMBER	# / NO
CENTRE TO CENTRE	C-C	ON CENTRE	O/C
CERAMIC TILE	CT	OUT TO OUT	O-O
CIRCLE/CIRCULAR	CIRC	OUTSIDE DIAMETER	OØ / OD
CLEAR	CLR	OVERHEAD	OH
COLUMN	COL	PAINTED	PT
COMPLETE WITH	C/W	PARTITION	PTN
CONCRETE	CONC	PLYWOOD	PLWD
CONCRETE BLOCK	CBLK	PRECAST	PC
CONSTRUCTION	CSTN	PREFABRICATE(D)	PREFAB
CONTINUOUS	CONT	PREFINISHED	P/F
CONTROL JOINT	CJ	PRESSED STEEL	PS
COUNTERSINK	CSK	PRESSURIZED WOOD FOUNDATION	PWF
COVERED SHEET VINYL	CSV	QUANTITY	QTY
DETAIL	DTL	QUARRY TILE	QT
DEMOLISH/DEMOLITION	DEMO	RADIUS	R
DIAGONAL	DIAG	RAINWATER LEADER	RWL
DIAMETER	Ø / DIA	REFERENCE/REFER TO	REF
DOOR	DR	REINFORCE/ING	REINF
DOUBLE	DBL	RESILIENT	RES
DOWN	DN	REVERSE	RVS
DRAWING	DWG	REVISION	REV
DRYWALL	DW	RIGHT HAND HINGE	RHH
EACH	EA	ROOM	RM
EACH WAY	E/W	ROUGH OPENING	R/O
EAST	E	RUBBER	RB
ELECTRICAL	ELEC	SCHEDULE	SCHED
ELEVATION	EL	SCREW	SCR
ELEVATOR	ELEV	SECTION	SECT
EPOXY	EP	SELF ADHESIVE	S/A
EQUAL	EQ	SHEATHING	SHTG
EQUAL(LY) SPACED	EQ SP	SHEET	SHT
EQUIPMENT	EQUIP	SHEET VINYL	SV
EXISTING	EXIST	SIMILAR	SIM
EXPANSION	EXP	SOLID CORE	SC
EXTERIOR	EXT	SOUTH	S
EXTRUDE(D)	EXTR	SPECIFICATION	SPEC
FACE TO FACE	F-F	SPRUCE	SPR
FAR FACE	F/F	SPRUCE, PINE OR FIR	S/P/F
FAR SIDE	F/S	STAIN	ST
FIBREBOARD	FBD	STAINLESS STEEL	SS
FINISH	FIN	STANDARD	STD
FLOOR	FLR	STEEL	STL
FLOOR DRAIN	FD	STRUCTURAL	STRUCT
FLOORING	FLRG	SQUARE FEET	SF
FLUORESCENT	FLUOR	TEMPORARY	TEMP
FOOTING	FTG	THROUGH	THRU
FOUNDATION	FDTN	TO MATCH EXISTING	TME
FULL SIZE	FS	TONGUE & GROOVE	T&G
GALVANIZED	GA/LV	TOP & BOTTOM	T&B
GAUGE	GA	TOP OF	T/O
GLASS	GL	TYPICAL	TYP
HARDWARE	HDW	UNDERSIDE	UIS
HEIGHT	HGT	UNDERCUT	UC
HEXAGON(AL)	HEX	URINAL	UR
HOLLOW CORE	HC	VAPOUR BARRIER	VB
HOLLOW METAL	HM	VERTICAL	VERT
HORIZONTAL	HORIZ	VAT	VAT
INCLUDE/INCLUSIVE	INCL	VINYL COVE BASE	VCB
INSIDE DIAMETER	Ø / ID	VINYL WALL COVERING	VWC
INSIDE FACE	IF	WATER CLOSET	W/C
INSULATE(D)	INSUL	WEATHERSTRIPPING	W/S
INTERIOR	INT	WEIGHT	WT
JOINT	JT	WITH	W/
JOIST	JST	WITHOUT	W/O
KNOCK DOWN	KD	WOOD	WD
		WROUGHT IRON	WI

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PROJECT TITLE  
RCMP - FISHER BRANCH

SHEET TITLE  
TITLE PAGE

CHECKED BY  
RS

DRAWN BY  
RS

DATE (YY MM DD)  
13 04 18

SCALE  
1 : 50

LOCATION  
FISHER BRANCH, MANITOBA, CANADA

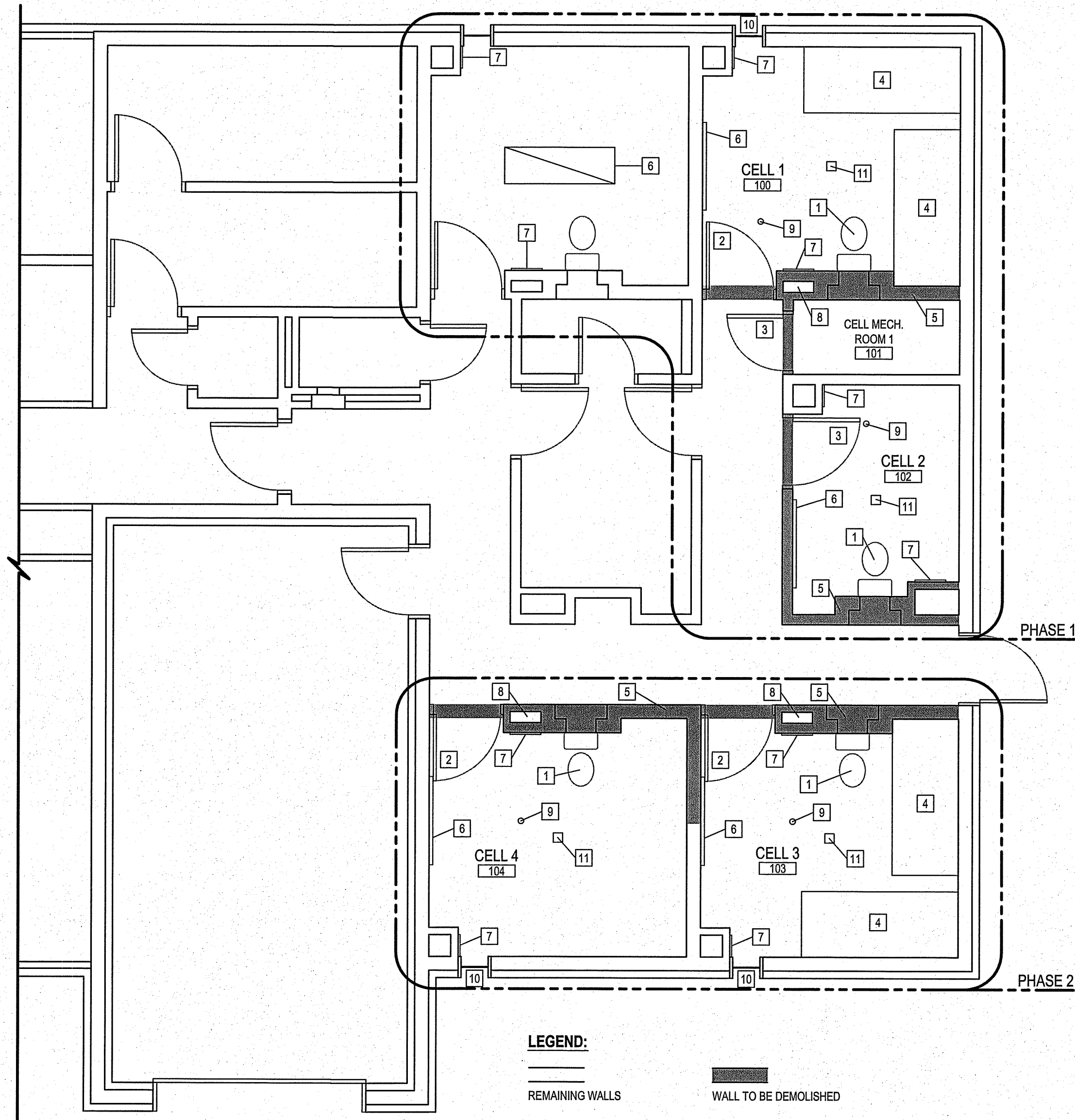
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REVISION #: 01

JOB NO.

13-021-01-43

01	ISSUED FOR TENDER	JULY 30 2013	RS
00	ISSUED FOR 99% REVIEW	13 05 27	RS
REV. #	REVISION	DATE (YY MM DD)	REV. BY



1 DEMOLITION MAIN FLOOR PLAN  
1 SCALE: 1:50

- DRAWINGS NOTES:** ##
- 1 REMOVE CELL TOILETS & CUT BACK ALL SERVICES TO UNDER SLAB.
  - 2 REMOVE CELL DOOR & FRAME.
  - 3 REMOVE STEEL DOOR & FRAME.
  - 4 REMOVE STEEL BUNKS.
  - 5 REMOVE MASONRY WALL.
  - 6 REMOVE EXISTING CELL LIGHT.
  - 7 REMOVE SECURITY GRILL ON WALL.
  - 8 EXISTING DUCTWORK TO REMAIN.
  - 9 EXISTING FLOOR DRAIN TO REMAIN. REMOVE STRAINER ONLY.
  - 10 REMOVE EXISTING WINDOW & WINDOW BARS. (NOTE: SITE MUST BE SECURE AT OFF HOUR TIMES)
  - 11 FIRE ALARM DEVICE & CAGE. (SEE ELECTRICAL FOR DEMOLITION DETAILS)

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PROJECT TITLE  
**RCMP - FISHER BRANCH**

SHEET TITLE  
**DEMOLITION MAIN FLOOR PLAN**

DATE (YY MM DD)  
13 04 18

SCALE  
1 : 50

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RS

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LOCATION  
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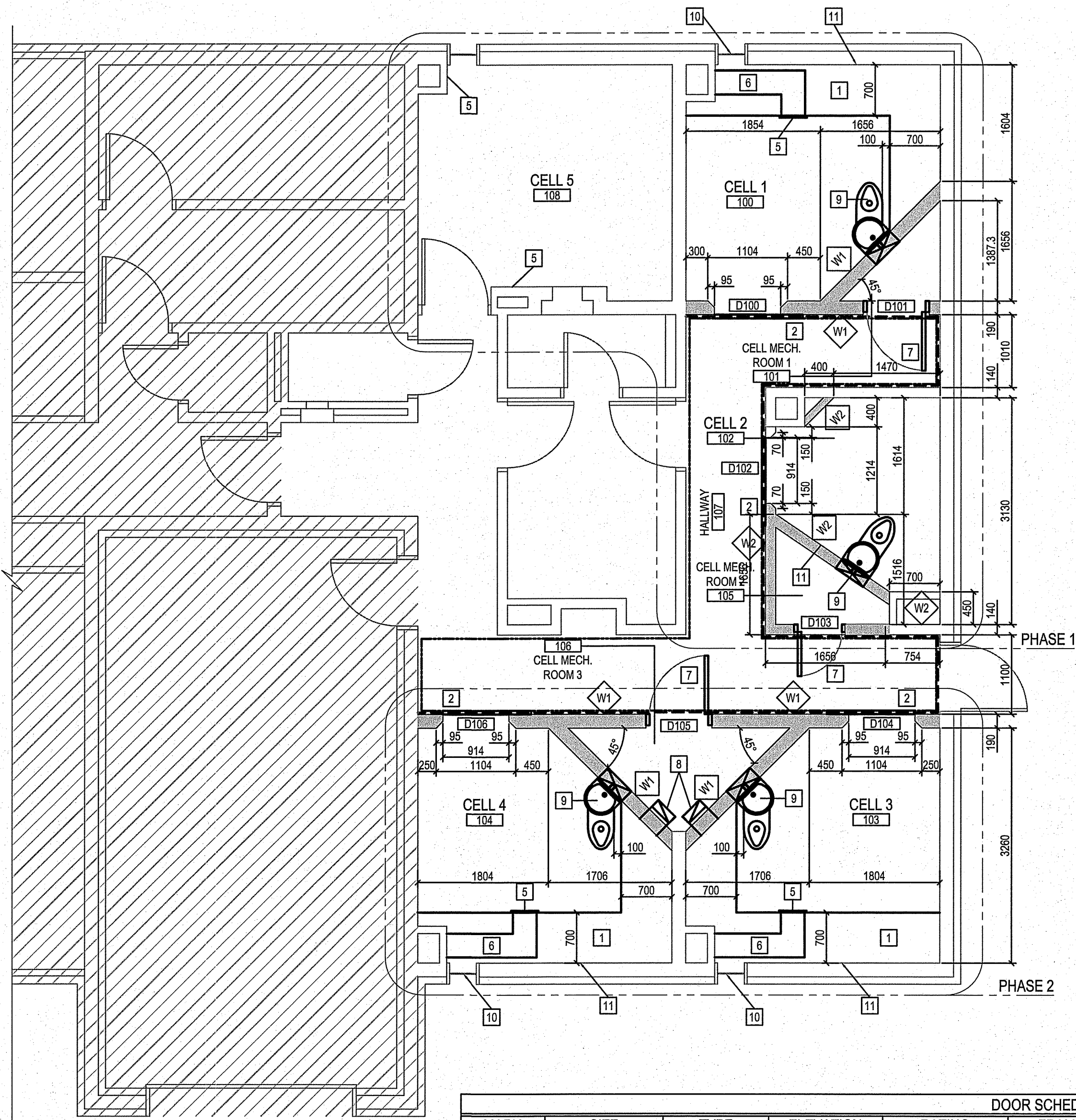
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1 NEW MAIN FLOOR PLAN  
2 SCALE: 1:50

DOOR SCHEDULE							
MARK	SIZE	TYPE	ELEVATION	RATING	FRAME	HARDWARE	REMARKS
D100	914 X 2125	DETENTION		N/A	MANUFACTURES		SEE SPECIFICATIONS
D101	810 X 2100	TYPE 1		N/A	WELDED	TYPE 1	
D102	914 X 2125	DETENTION		N/A	MANUFACTURES		SEE SPECIFICATIONS
D103	810 X 2100	TYPE 1		N/A	WELDED	TYPE 1	
D104	914 X 2125	DETENTION		N/A	MANUFACTURES		SEE SPECIFICATIONS
D105	810 X 2100	TYPE 1		N/A	WELDED	TYPE 1	
D106	914 X 2125	DETENTION		N/A			SEE SPECIFICATIONS

ROOM SCHEDULE														
ROOM #	ROOM NAME	FLOOR		WALLS								CEILING		REMARKS
				NORTH		EAST		SOUTH		WEST				
		MATERIAL	BASE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
100	CELL 1	QUARTZ	COVE	EXISTING	GLAZED	EXISTING	GLAZED	CMU BLOCK	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	
101	CELL MECHANICAL ROOM 1	QUARTZ	COVE	CMU BLOCK	GLAZED	EXISTING	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	EXISTING	GLAZED	
102	CELL 2	QUARTZ	COVE	EXISTING	GLAZED	EXISTING	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	EXISTING	GLAZED	
103	CELL 3	QUARTZ	COVE	CMU BLOCK	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	
104	CELL 4	QUARTZ	COVE	CMU BLOCK	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	
105	CELL MECHANICAL ROOM 2	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	EXISTING	GLAZED	
106	CELL MECHANICAL ROOM 3	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	EXISTING	GLAZED	
107	HALLWAY	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	
108	CELL 5	QUARTZ	COVE	EXISTING	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	EXISTING	GLAZED	

DRAWINGS NOTES: ##

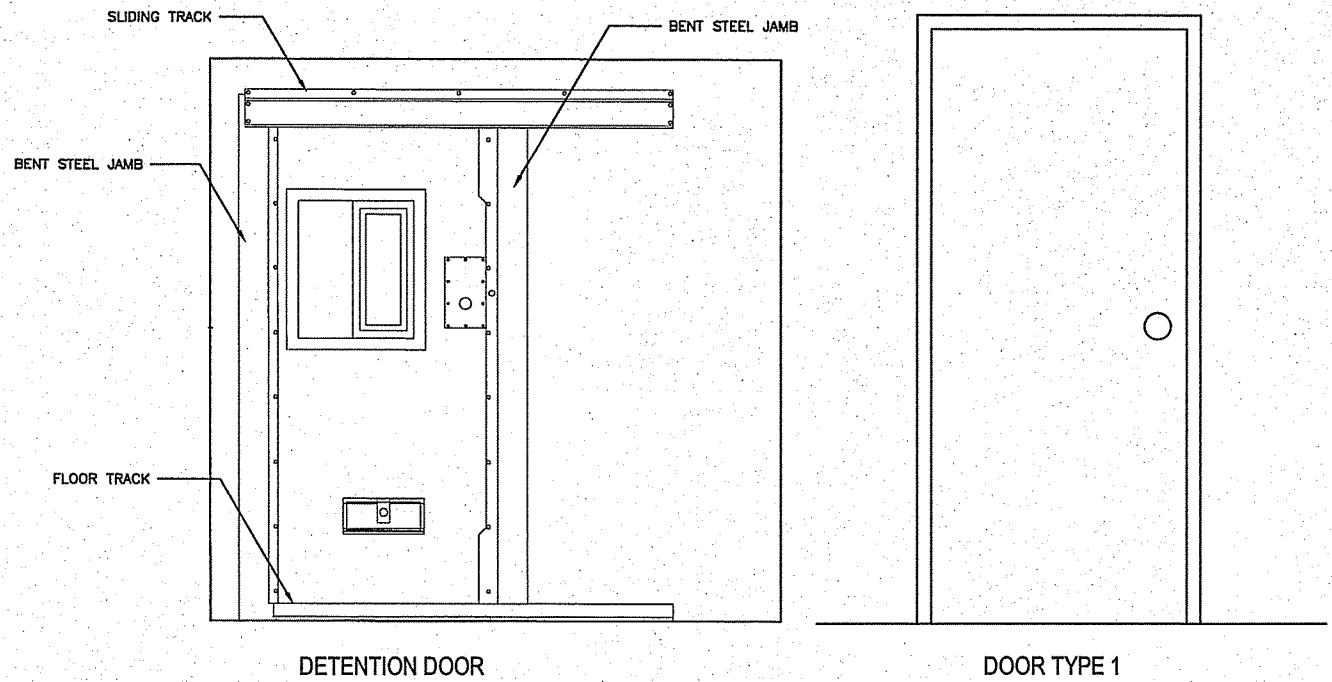
- NEW CONCRETE BUNK.  
(SEE DETAIL XX ON SHEET A4.0)
- INSTALL NEW LINTEL FOR CELL DOOR.  
(SEE STRUCTURAL FOR DETAILS)
- TOILET SLEEVE INSTALL AS PER  
MANUFACTURES INSTRUCTIONS.
- NEW EXHAUST GRILL.  
(SEE MECHANICAL DRAWINGS)
- NEW SUPPLY GRILL.  
(SEE MECHANICAL DRAWINGS)
- DUCT UNDER BUNK.  
(SEE MECHANICAL DRAWINGS)
- INSET DOOR FRAME TO ALLOW  
SLIDING DOOR TO PASS.
- RELOCATE DUCT FROM CRAWL  
SPACE.
- NEW CELL TOILET.  
(SEE MECHANICAL DRAWINGS)
- INSTALL NEW GLASS BLOCK  
SECURITY WINDOW SEE DETAIL  
SHEET A4.2
- ADD NEW CELL NUMBERS TO CELL  
WALLS CELL NO. 1 NO.2 ETC.  
LETTERING TO BE MIN 8" HIGH AND  
CENTERED ON WALL SHOWN

DRAWINGS NOTES: W##

- W1 200mm CMU BLOCK  
(ALL CORES FILLED WITH 20 mpa CONCRETE)
- W2 152mm CMU BLOCK  
(ALL CORES FILLED WITH 20 mpa CONCRETE)

GENERAL NOTES:

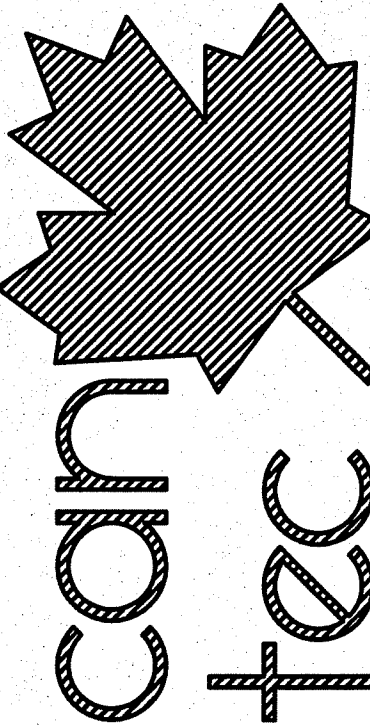
- GRIND DOWN ALL STEEL EDGES AT CELL WALLS AFTER REMOVAL OF STEEL BUNKS.
- REPAIR ALL WALLS IN CELL AREAS & PREPARE WALLS FOR NEW EPOXY.



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RCMP - FISHER BRANCH  
NEW MAIN FLOOR PLAN

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DRAWN BY: RS  
DATE (YY/MM/DD): 13 04 18  
SCALE: 1:50  
LOCATION: FISHER BRANCH, MANITOBA, CANADA

A2.0

REVISION #: 01

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13-021-01-43

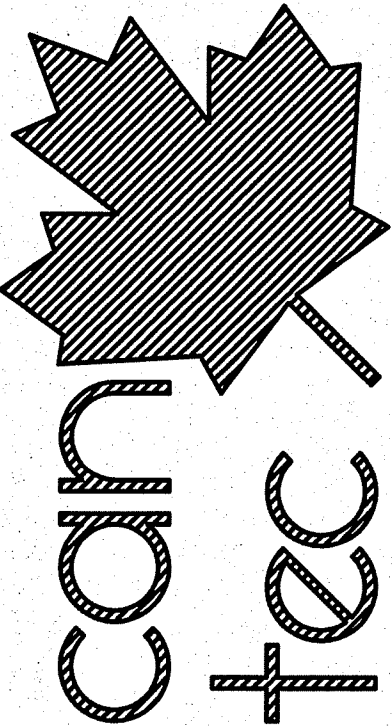
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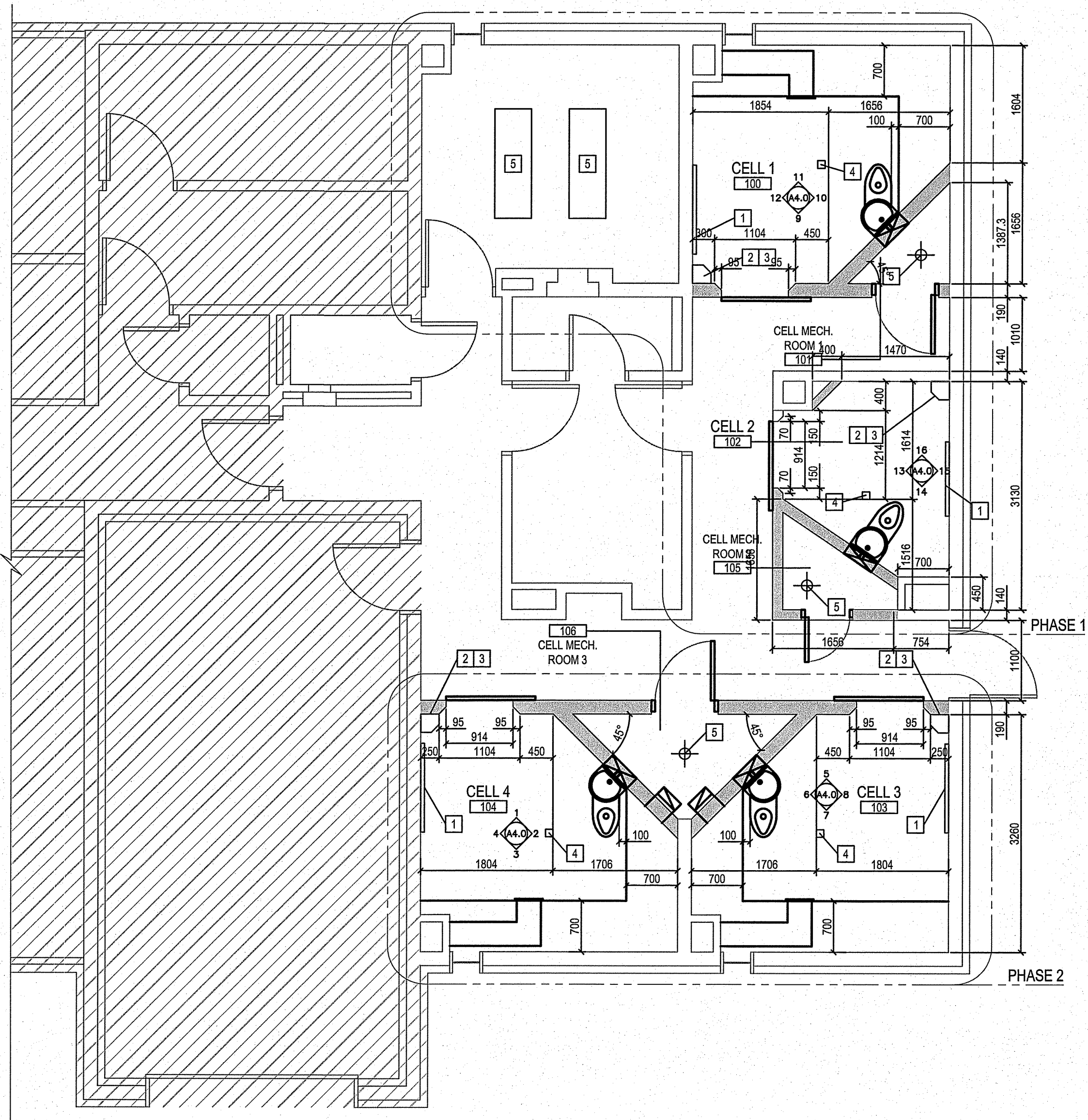


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**DRAWINGS NOTES:** ##

- 1 NEW LIGHT FIXTURE. (EPOXY SEAL TO WALL AND CEILING)
- 2 CCVE CONDUIT TIGHT TO WALL CORNER WITH SSPLAT, INSTALL BRACKET.
- 3 EPOXY SEAL NEW CCVE BRACKET TO WALL.
- 4 SMOKE DETECTOR & SECURITY CAGE. FILL GAPS BETWEEN MOUNTED MATE & CEILING WITH NO PICK EPOXY.
- 5 NEW LIGHT.



1 NEW RELFLECTIVE CEILING PLAN  
3 SCALE: 1:50

RCMP - FISHER BRANCH  
NEW REFLECTIVE CEILING PLAN

CHECKED BY: RS  
DRAWN BY: RS  
SCALE: 1:50

LOCATION: FISHER BRANCH, MANITOBA, CANADA

A2.1

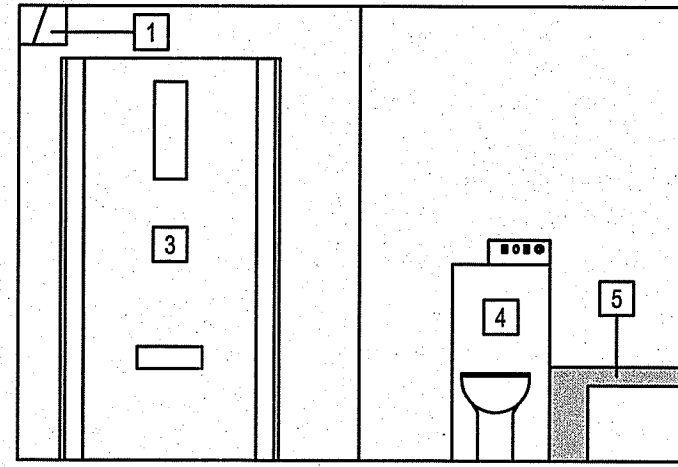
REVISION #:

01

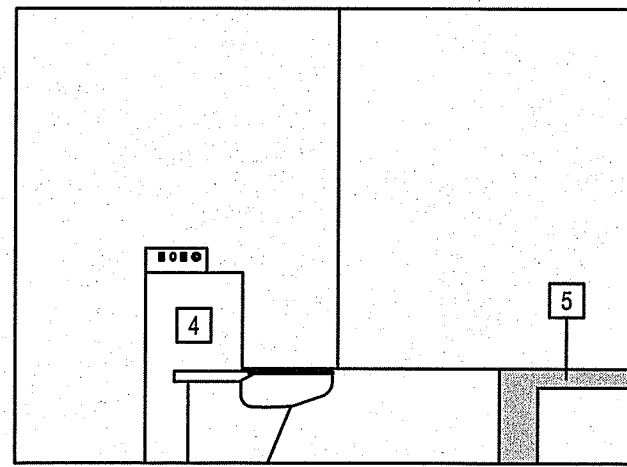
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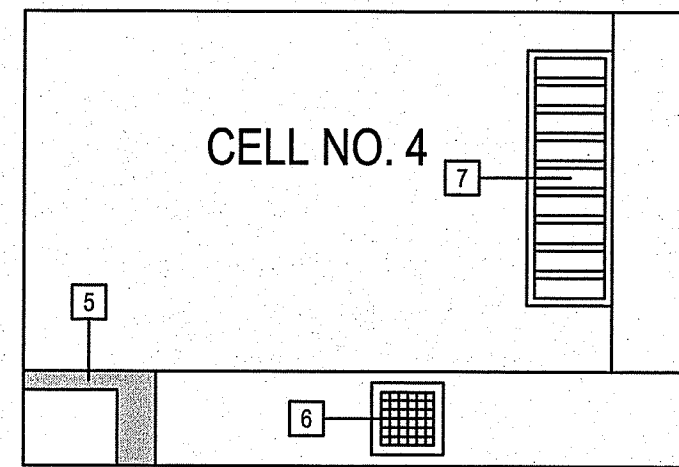




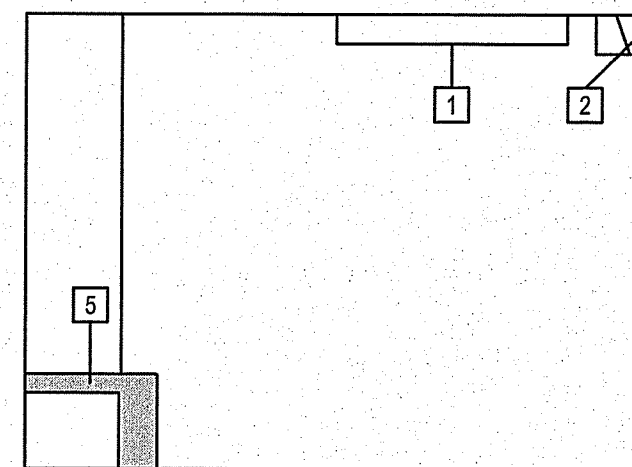
1 CELL 4 ELEVATION 1  
4 SCALE: 1:40



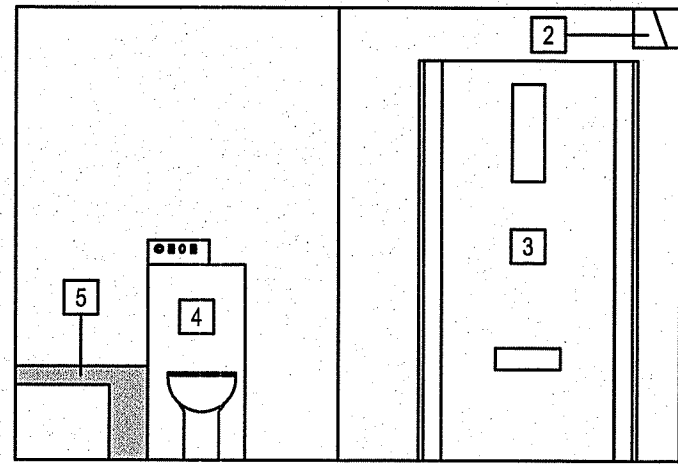
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4 SCALE: 1:40



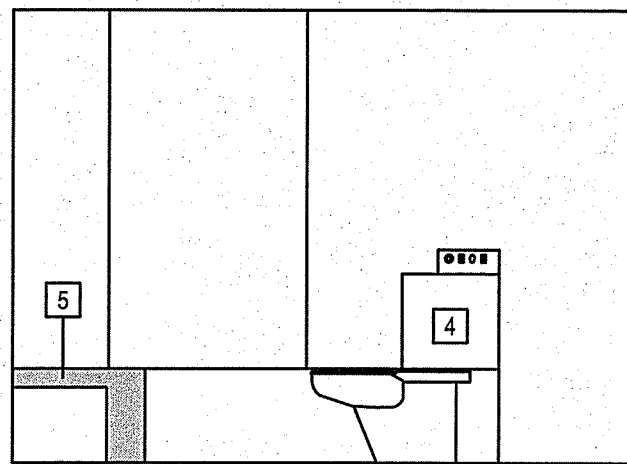
3 CELL 4 ELEVATION 3  
4 SCALE: 1:40



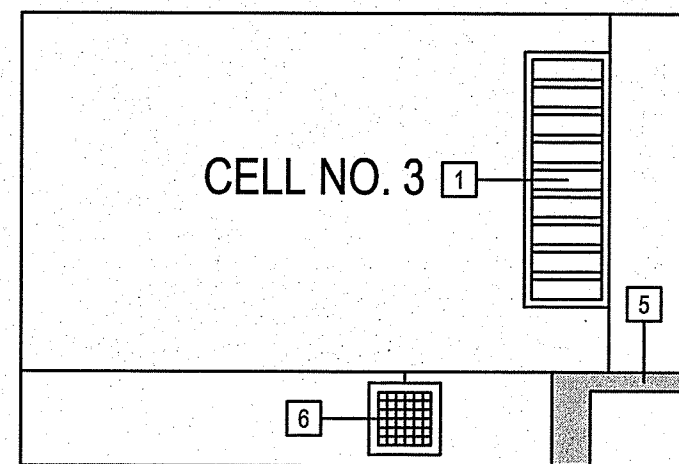
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4 SCALE: 1:40



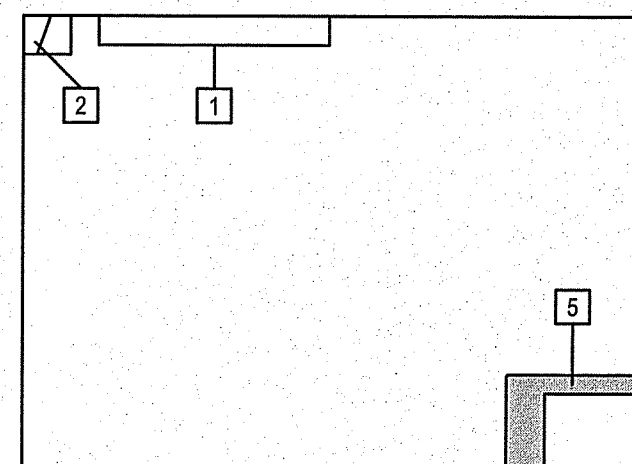
5 CELL 3 ELEVATION 1  
4 SCALE: 1:40



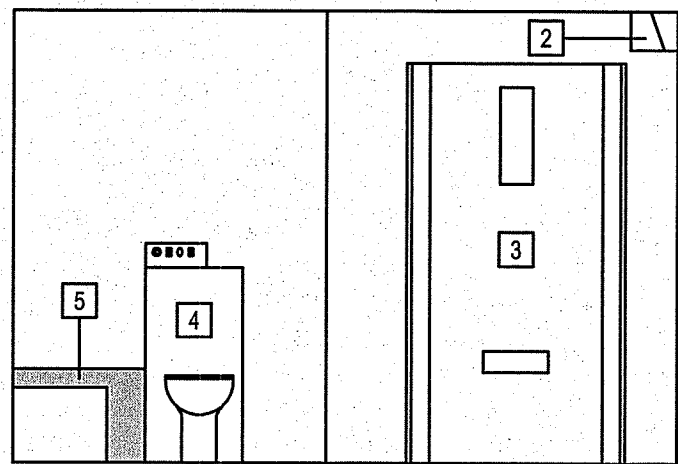
6 CELL 3 ELEVATION 2  
4 SCALE: 1:40



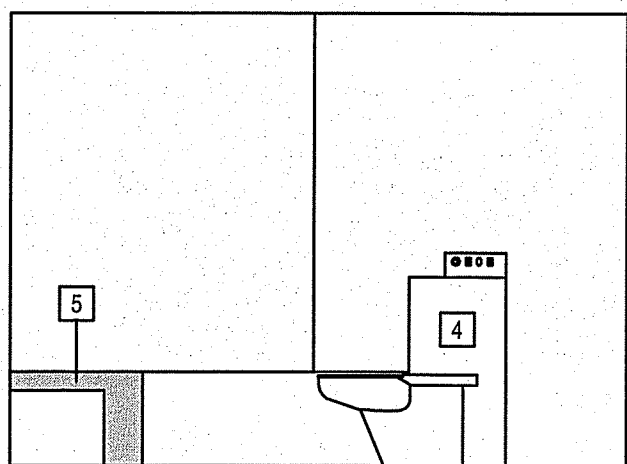
7 CELL 3 ELEVATION 3  
4 SCALE: 1:40



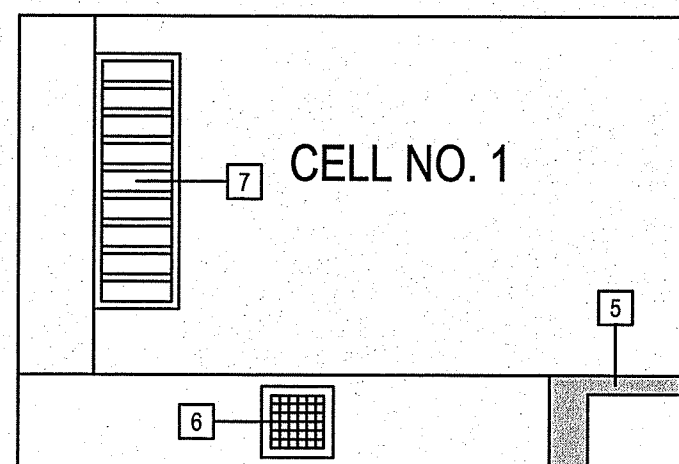
8 CELL 3 ELEVATION 4  
4 SCALE: 1:40



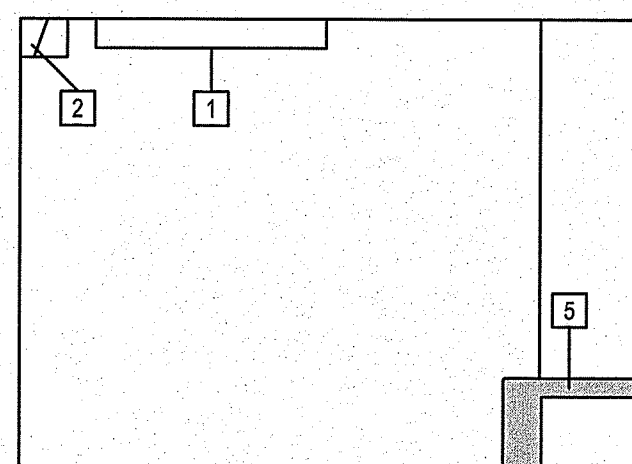
9 CELL 1 ELEVATION 1  
4 SCALE: 1:40



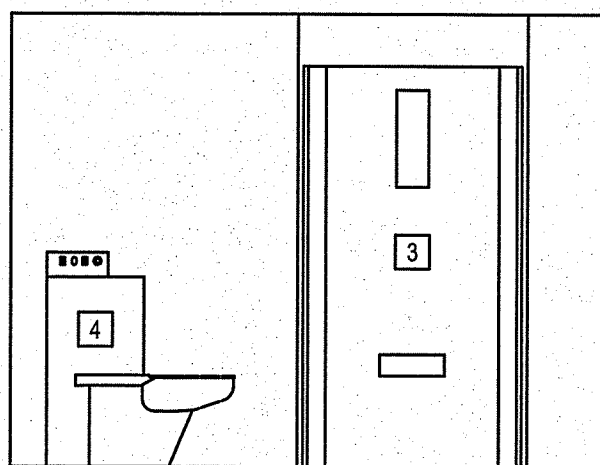
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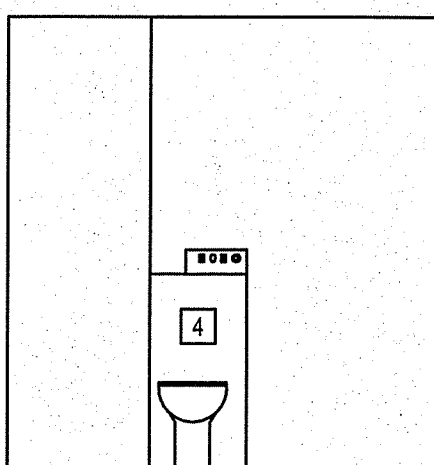
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4 SCALE: 1:40



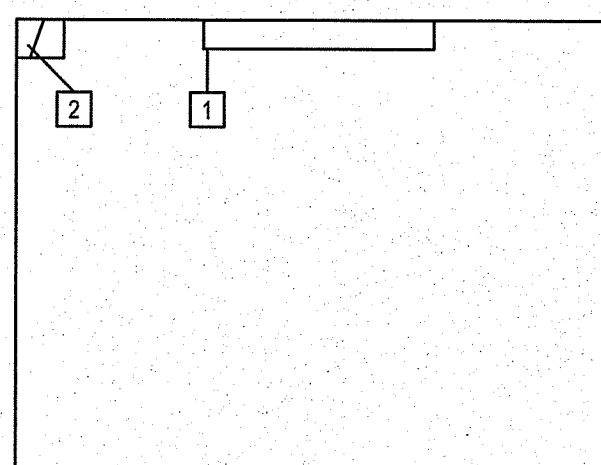
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4 SCALE: 1:40



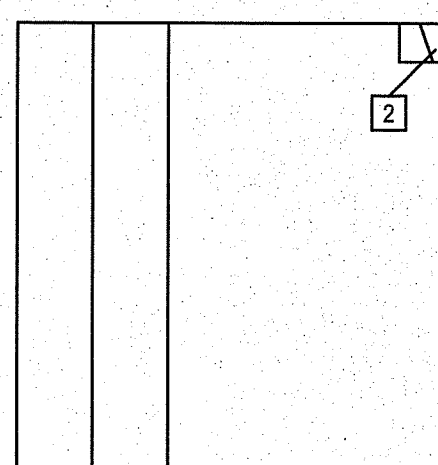
13 CELL 2 ELEVATION 1  
4 SCALE: 1:40



14 CELL 2 ELEVATION 2  
4 SCALE: 1:40



15 CELL 2 ELEVATION 3  
4 SCALE: 1:40

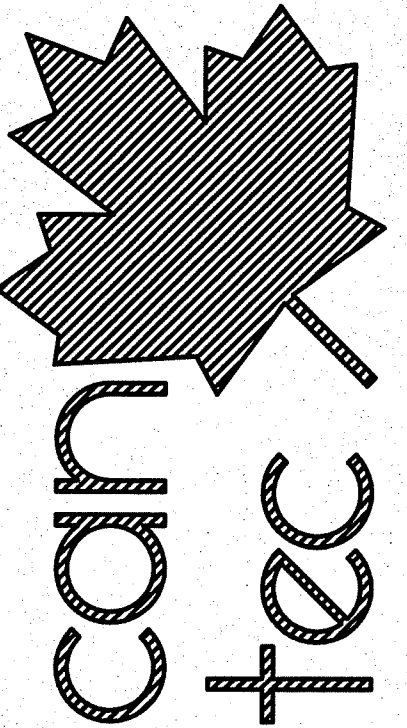


16 CELL 2 ELEVATION 4  
4 SCALE: 1:40

**DRAWINGS NOTES:** ##

- 1 NEW LIGHT FIXTURE. (EPOXY SEAL TO PERIMETER)
- 2 CCVE CAMERA TIGHT TO WALL CORNER WITH INSTALL BRACKET.
- 3 NEW CELL DOOR
- 4 NEW CELL TOILET
- 5 NEW CONCRETE BUNK
- 6 NEW HVAC SUPPLY GRILL
- 7 NEW CELL WINDOW SEE DETAIL SHEET A4.2

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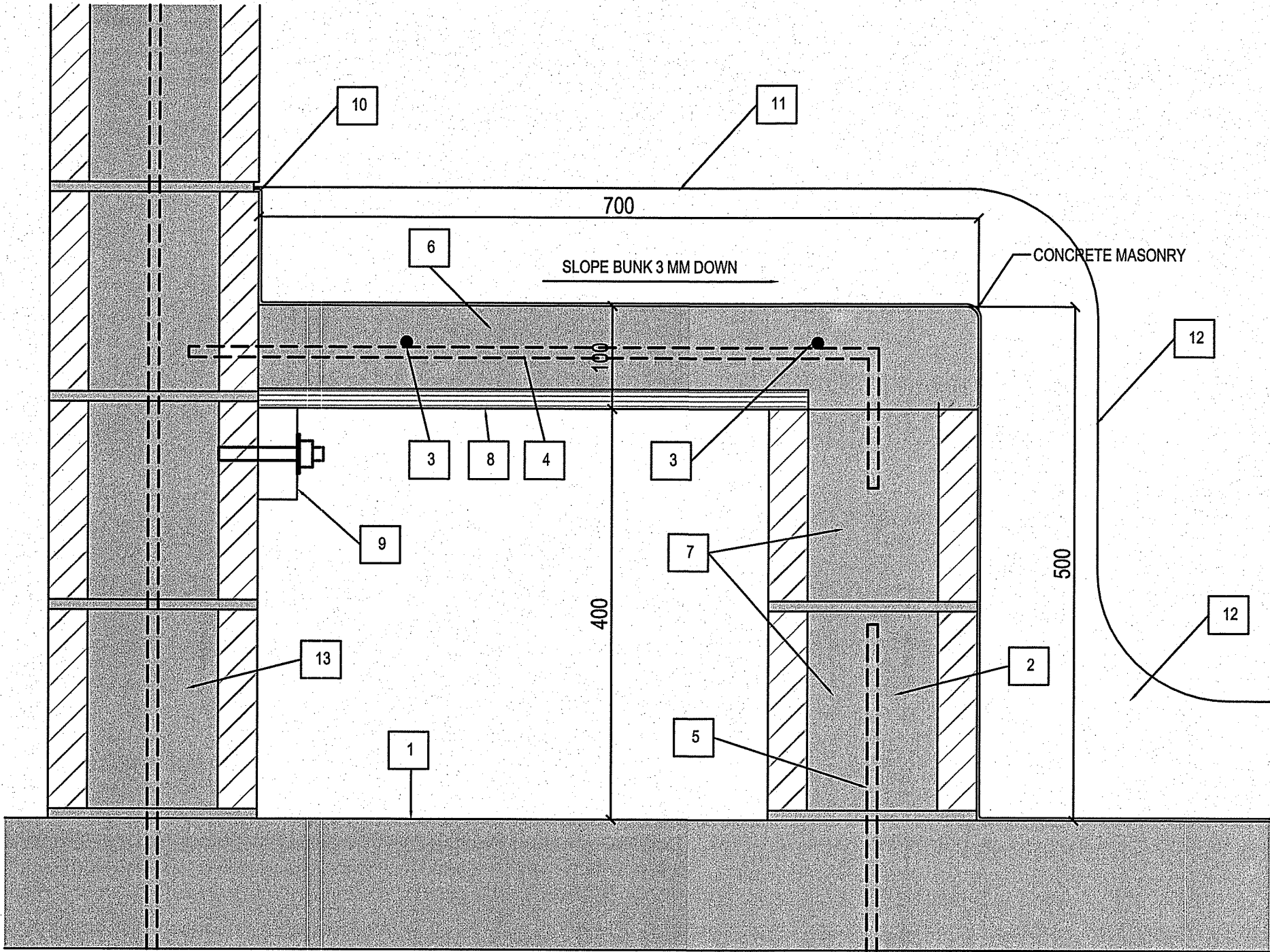
PROJECT TITLE  
**RCMP - FISHER BRANCH**  
SHEET TITLE  
**INTERIOR ELEVATIONS**

CHECKED BY  
RS  
DRAWN BY  
RS  
SCALE  
1:40  
DATE (YY MM DD)  
13 04 18  
LOCATION  
FISHER BRANCH, MANITOBA, CANADA

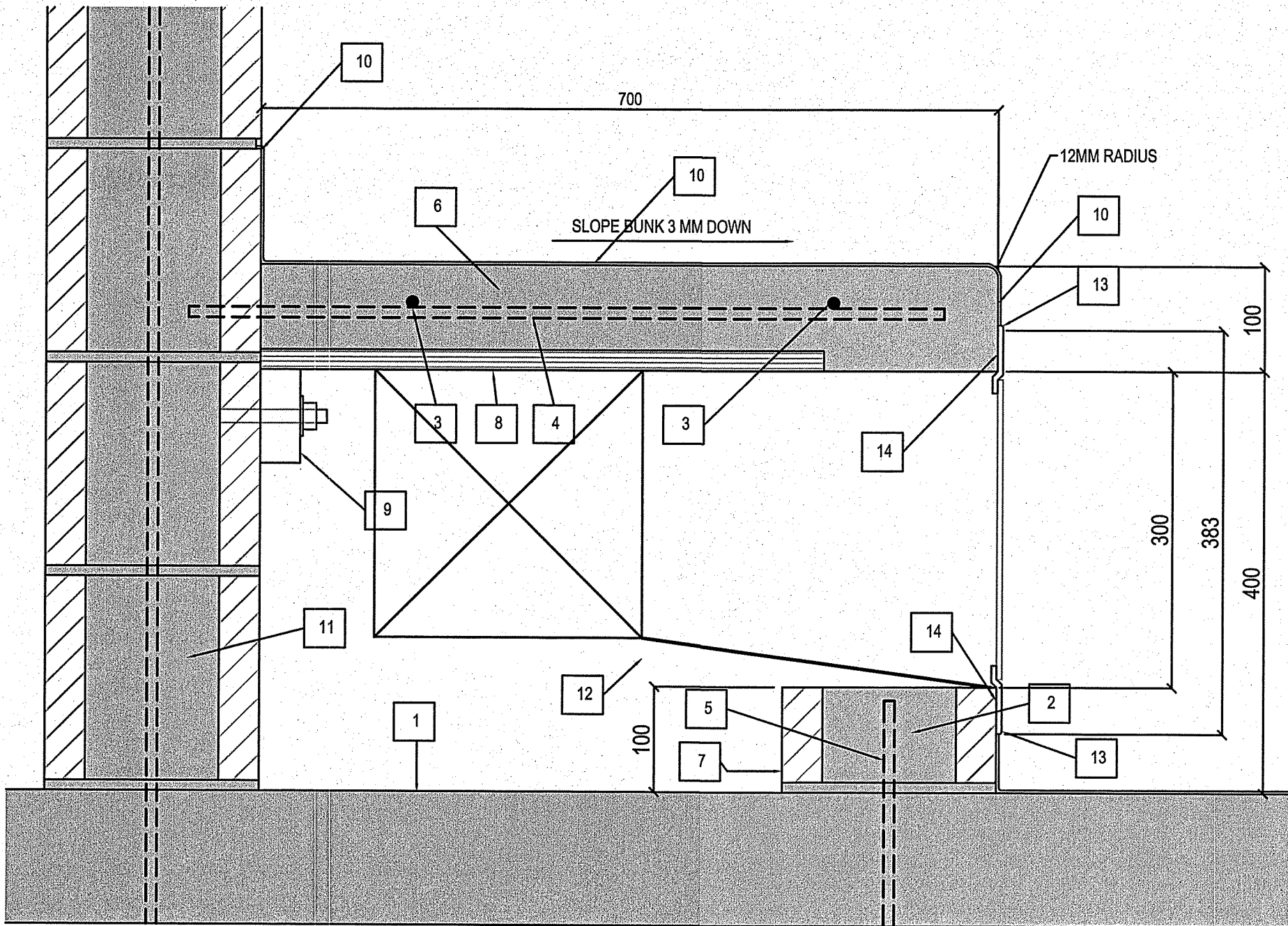
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13-021-01-43

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00	ISSUED FOR 99% REVIEW	13 05 27	RS
REV. #	REVISION	DATE (YY MM DD)	REV. BY





1 TYPICAL CELL BUNK  
A4.1 SCALE: 1:5

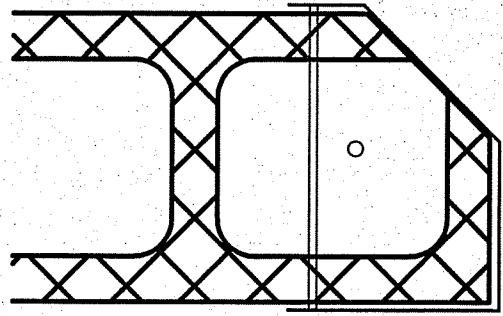


2 TYPICAL CELL BUNK AT SUPPLY GRILL  
A4.1 SCALE: 1:5

DRAWINGS NOTES:

##

1. LINE OF FLOOR
2. CONCRETE FILL BLOCK CORE AS SHOWN
3. #10M CONTINUOUS @ 250 O.C.
4. #10M REBAR @ 400 O.C. DRILL AND EPOXY GROUT INTO EXISTING WALL
5. #10M DOWELS @ 400 O.C. ANCHORED INTO FLOOR
6. CONCRETE OVER PLYWOOD
7. CONCRETE MASONRY UNIT
8. 19MM TREATED PLYWOOD
9. 38 X 89 CONTINUOUS WOOD BLOCKING C/W 16MM DIA ANCHOR BOLTS @ 400MM O.C.
10. SEAMLESS EPOXY QUARTZ FLOORING TURNED INTO RAKED FIRST JOINT. (CREATE JOINT AS REQUIRED)
11. RAKED BLOCK JOINT FOR EPOXY QUARTZ FLOOR
12. CUT BLOCK TO CREATE JOINT TO BE RAKED
13. EXISTING BLOCK WALL



3 TYPICAL CELL DOOR JAMB DETAIL  
A4.1 SCALE: 1:5

DRAWINGS NOTES:

##

1. STEEL CELL FLOOR JAMB
2. 9 MM STEEL BAR ANCHORS, FACTORY WELDED (5 PER JAMB)
3. 10M CONTINUOUS RE-BAR TIED INTO WALL

DRAWINGS NOTES:

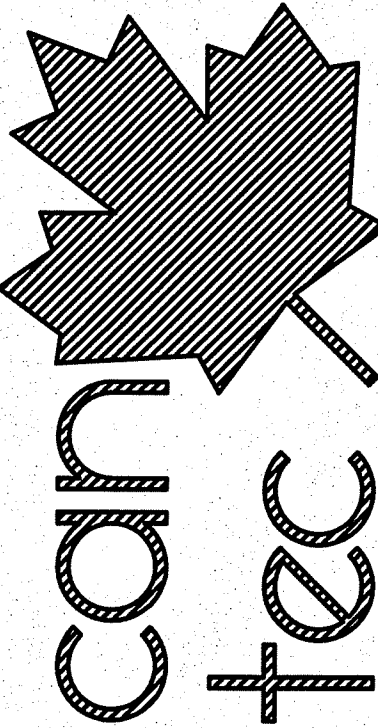
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1. LINE OF FLOOR
2. CONCRETE FILL BLOCK CORE AS SHOWN
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10. SEAMLESS EPOXY QUARTZ FLOORING TURNED INTO RAKED FIRST JOINT. (CREATE JOINT AS REQUIRED)
11. EXISTING BLOCK WALL
12. MECHANICAL DUCTWORK (SLOPED TOWARDS UNDERSIDE OF BUNK CONNECTING WITH EXISTING SUPPLY) SEE MECHANICAL
13. ALLOW EPOXY TO CREATE A 45 DEG BEVEL (NO SHARP CORNERS ALLOWED)
14. GRIND FACE OF BLOCK AND CONCRETE, FULL PERIMETER, TO ALLOW A TIGHT INSTALL OF THE GRILL

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ENGINEERING AND DRAFTING  
1949 MAIN STREET, WINNIPEG, MANITOBA  
Tel: (204) 945-7222 Fax: (204) 947-5717

PROJECT TITLE  
RCMP - FISHER BRANCH

SHEET TITLE  
DETAILS

DATE (YY MM DD)  
13 04 18

SCALE  
AS NOTED

DRAWN BY  
RS

CHECKED BY  
RS

LOCATION  
FISHER BRANCH, MANITOBA, CANADA

A4.1

REVISION #:

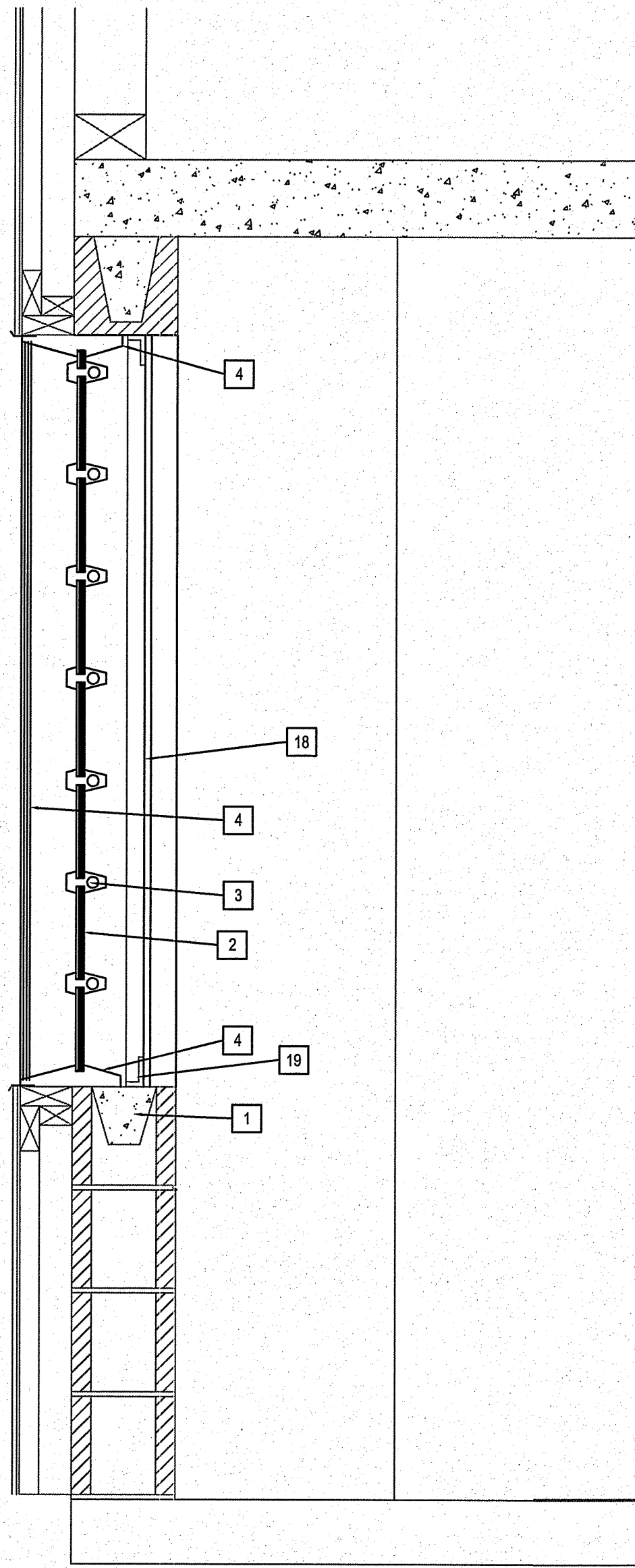
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JOB NO.

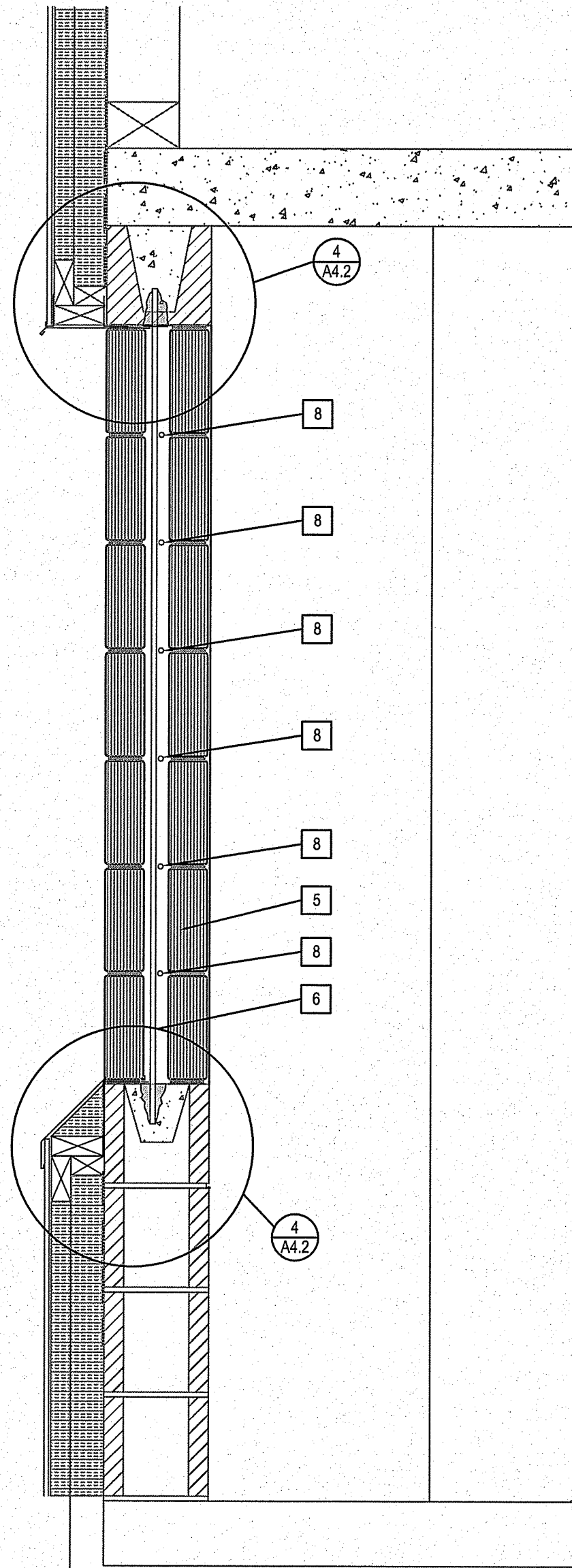
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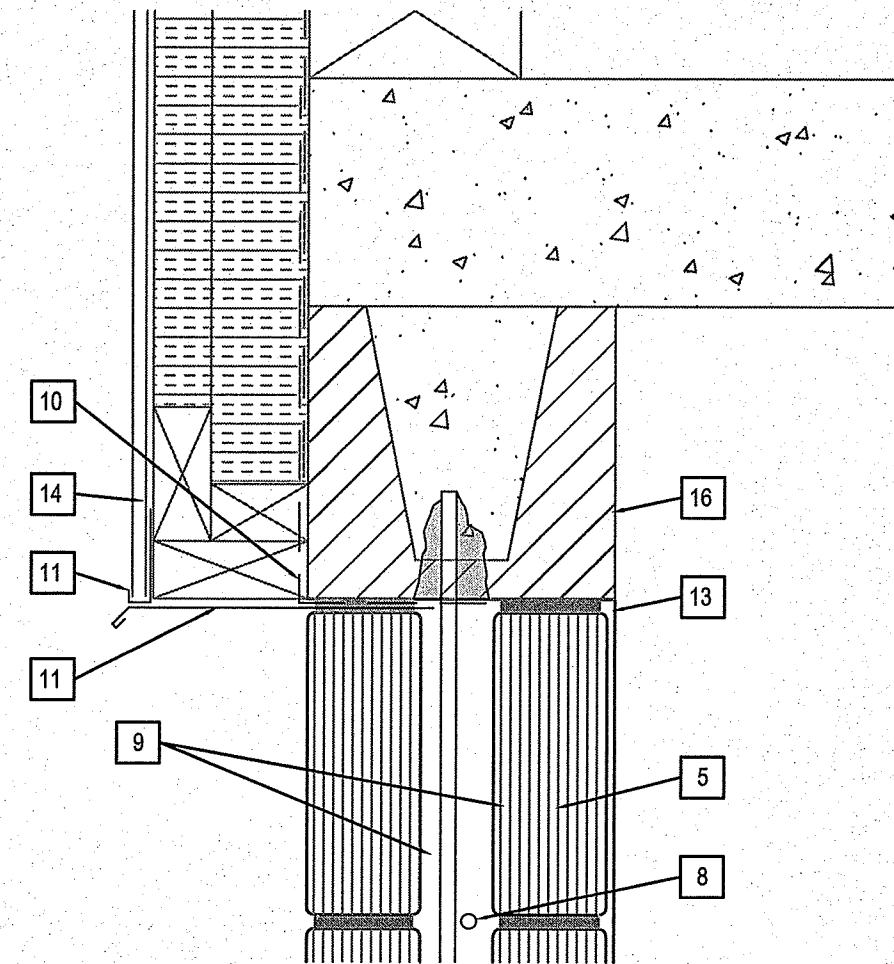




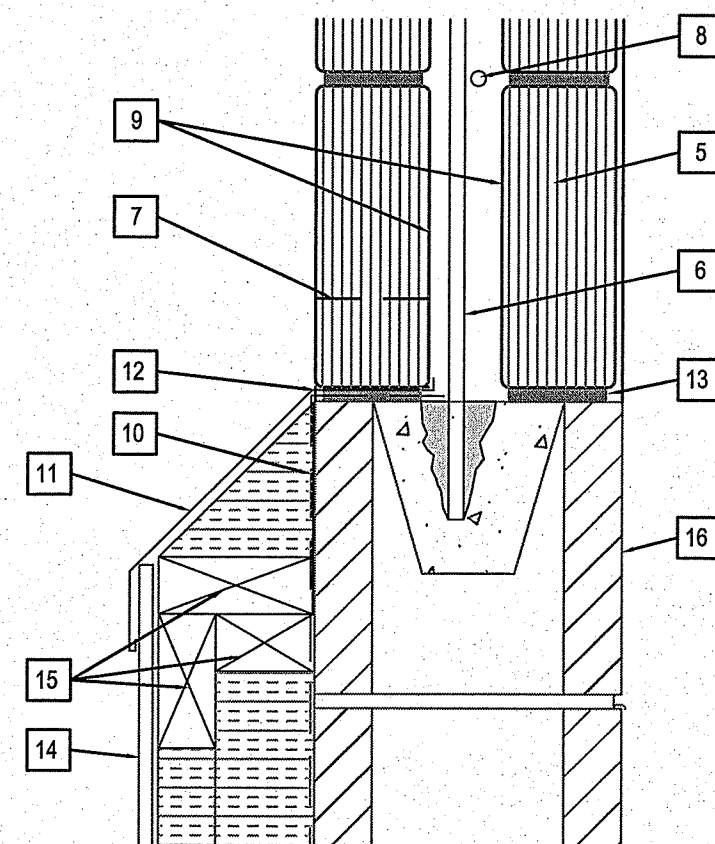
1 CELL WINDOW DETAIL OPTION NO. 1  
A4.2 SCALE: 1"=10



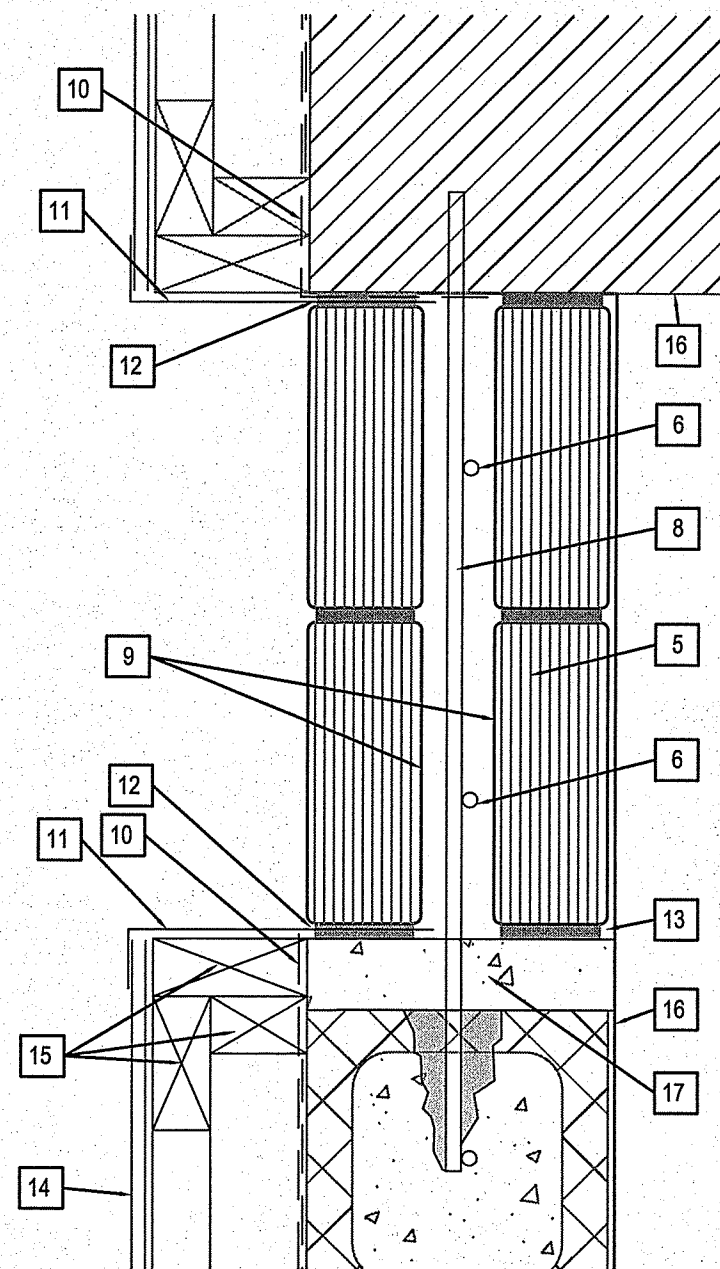
2 NEW CELL WINDOW DETAIL - OPTION NO.2  
A4.2 SCALE: 1"=10



3 NEW CELL WINDOW DETAIL - HEAD  
A4.2 SCALE: 1"=10 OPTION NO. 2



4 NEW CELL WINDOW DETAIL -SILL  
A4.2 SCALE: 1"=10 OPTION NO. 2



5 NEW CELL WINDOW DETAIL -JAMB  
A4.2 SCALE: 1"=10 OPTION NO. 2

DRAWINGS NOTES:

- EXISTING CMU CELL WINDOW FRAME
- REMOVE EXISTING CELL WINDOW
- REMOVE EXISTING SECURITY BARS
- REMOVE OUTER WINDOW AND FRAME
- NEW SOLID GLASS BLOCK - PITTSBURGH CORNING "VISTABRICK", TYPE "M" MORTAR
- 10M SECURITY BAR X 1650MM LONG CENTERED ON EACH GLASS BLOCK
- WEEP HOLE VENTS
- 10M SECURITY BAR AT EACH MORTAR JOINT EMBED MIN 150MM INTO CELL WALL
- ETCH OR SANDBLAST THE INTERIOR FACE OF BOTH INTERIOR SIDES OF THE GLASS BLOCK
- ADD NEW AIR VAPOUR BARRIER MEMBRANE OVER EXISTING AND EXTEND

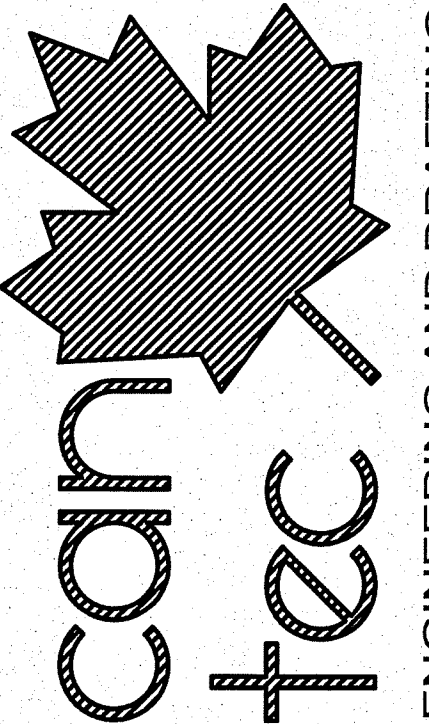
- INTO ROUGH OPENING.
- PRE-FINISHED METAL FLASHING COLOR TO MATCH EXISTING BUILDING
- CAULK TO SEAL
- EPOXY NO PICK CAULK
- EXISTING ALUMINUM SIDING
- ADD NEW P.T. WOOD BLOCKING AND RIGID INSULATION
- EPOXY WALL FINISH
- REDUCE OPENING WIDTH TO 410MM AND BULL NOSE ON SIDE OF WINDOW BY IN-FILLING WITH CONCRETE PATCH. (BULL NOSE ON ONE SIDE OF WINDOW ONLY)
- NEW 13MM (1/2") POLYCARBONATE OVER EXISTING WIDOW INSET.

- SECURE POLY CARBONATE WITH 6 MM SECURITY SCREWS @ 6" O.C. ALL AROUND INTO 50 X 25 X 10 STAINLESS STEEL ANGLE. ANGLE TO BE SECURED TO CONCRETE WALL WITH 10MM EPOXY ANCHORS @ 8" O.C. ALL AROUND FRAME

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SEALED BY:

PROJECT TITLE  
RCMP - FISHER BRANCH

SHEET TITLE  
DETAILS

DATE (YY MM DD)  
13 04 18

DRAWN BY  
RS

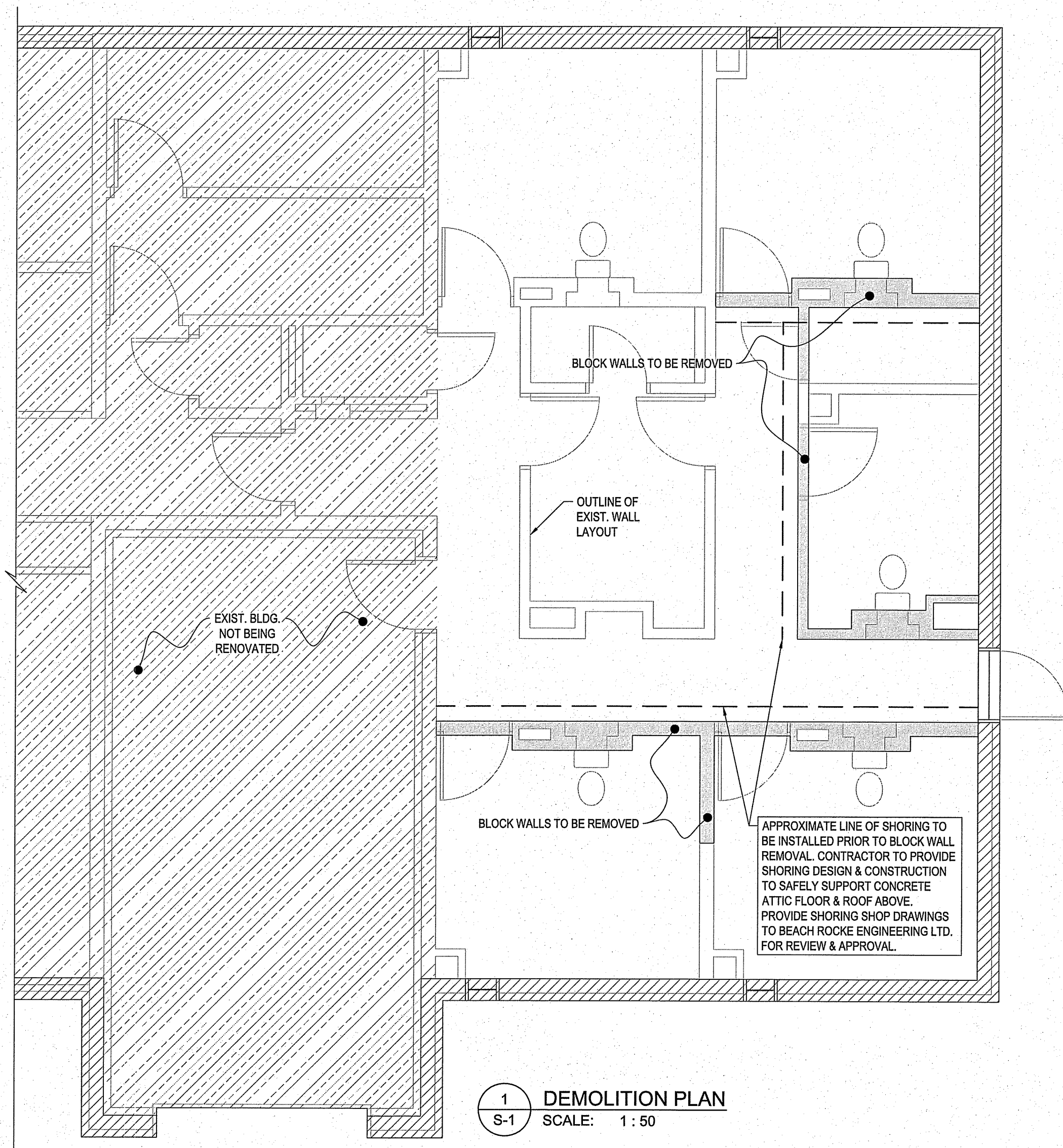
CHECKED BY  
RS

LOCATION  
FISHER BRANCH, MANITOBA, CANADA

ENGINEERING AND DRAFTING  
1946 MAIN STREET, WINNIPEG, MANITOBA  
Tel: (204) 943-7222 Fax: (204) 947-5717  
http://www.can-tecservices.ca/

REVISION #: 01  
JOB NO.  
13-021-01-43

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#### GENERAL NOTES

- DO NOT SCALE DRAWINGS.
- COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO COMMENCING CONSTRUCTION.
- SEE ARCHITECTURAL DRAWINGS FOR ELEVATIONS, SLOPES, ROUGH OPENING DIMENSIONS FOR WINDOWS, DOORS, ETC.
- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENINGS IN FLOORS, ROOF, WALLS, ETC.
- DO NOT CUT OR DRILL OPENINGS IN ANY STRUCTURAL MEMBERS WITHOUT WRITTEN APPROVAL FROM BEACH ROCKE ENGINEERING LTD.
- BEACH ROCKE ENGINEERING LTD. SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF REQUIRED SITE INSPECTIONS. (TEL: 1-204-255-7251, FAX: 1-204-257-7239).
- STRUCTURAL DRAWINGS SHOW THE COMPLETED STRUCTURE. THEY DO NOT SHOW COMPONENTS WHICH MAY BE NECESSARY FOR SAFETY DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SITE SAFETY AND TO ENSURE THAT ALL SUBTRADES CONFORM TO THE LATEST REGULATIONS OF THE PROVINCIAL "BUILDING PROTECTION ACT", TO PROVIDE ALL NECESSARY SAFETY EQUIPMENT AS REQUIRED THEREIN AND TO NOTIFY LOCAL AUTHORITIES AS REQUIRED BY LAW.
- THE CONTRACTOR SHALL CONFORM TO THE COLD WEATHER REQUIREMENTS OF THE LATEST EDITION OF CSA STANDARD A23.1/A23.2 AND THE NATIONAL BUILDING CODE.
- IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO LOCATE ALL SITE SERVICES PRIOR TO CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL DESIGN ALL SHORING, FORM WORK, AND BRACING TO ENSURE PROPER CONSTRUCTION AND ERECTION.
- THE CONTRACTOR SHALL VISIT THE SITE, AND NOTE ALL CHARACTERISTICS AND IRREGULARITIES AFFECTING THE WORK OF THIS SECTION.
- SHOP DRAWINGS NOT STAMPED, SIGNED, AND DATED BY THE CONTRACTOR WILL BE RETURNED AND SHALL BE CONSIDERED REJECTED. SHOP DRAWINGS FOR WORK DESIGNED BY THE CONTRACTOR SHALL BEAR THE SEAL AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER IN THE PROVINCE.
- THE CONTRACTOR SHALL SUBMIT AT LEAST 3 COPIES OF STAMPED SHOP DRAWINGS FOR ALL PRE-FABRICATED STRUCTURAL ASSEMBLIES, INCLUDING REINFORCING STEEL TO BEACH ROCKE ENGINEERING LTD. FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. ALL SHOP DRAWINGS, EXCEPT REINFORCING STEEL, SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE PROVINCE.

#### CONCRETE

- CONCRETE SHALL BE MANUFACTURED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF CSA STANDARDS A23.1 AND A23.2.
- THE CONTRACTOR SHALL PROVIDE ONE SET OF STANDARD CONCRETE CYLINDER TEST RESULTS CONDUCTED BY AN INDEPENDENT TESTING FIRM FOR EACH DAY'S POUR AND AN ADDITIONAL SET OF CYLINDERS FOR EVERY 50 CUBIC METERS POURED AT NO EXTRA COST TO THE OWNER. TEST RESULTS ARE TO BE FORWARDED TO BEACH ROCKE ENGINEERING LTD. IMMEDIATELY UPON RECEIPT FROM THE TESTING FIRM.
- PROVIDE A MINIMUM 150mm (6") VOID UNDER ALL BEAMS, WALLS AND STRUCTURAL SLABS. VOID TO BE SHEARMAT OR APPROVED CARDBOARD VOIDFORM.
- VIBRATE ALL CONCRETE TO ENSURE COMPLETE CONSOLIDATION.
- THE LOCATIONS OF CONSTRUCTION JOINTS IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE APPROVED BY BEACH ROCKE ENGINEERING LTD.
- WHEN THE OUTSIDE TEMPERATURE FALLS BELOW 5 DEGREES CENTIGRADE, THE CONTRACTOR SHALL CONFORM TO THE LATEST EDITION OF CSA STANDARD A23.1/A23.2 AND THE NATIONAL BUILDING CODE FOR COLD WEATHER CONCRETING PROCEDURES, AND SHALL RECEIVE WRITTEN APPROVAL FROM BEACH ROCKE ENGINEERING LTD. PRIOR TO COMMENCING CONCRETE CONSTRUCTION.
- PROVIDE  $\frac{3}{4}$ " x 1" SAW CUTS AT 20' O.C. BOTH WAYS IN FLOOR SLABS UNLESS OTHERWISE NOTED ON DRAWINGS.
- CONCRETE SHALL CONFORM TO THE FOLLOWING:
  - GRADE BEAMS - EXPOSURE CLASS F-2 (25MPA AT 28 DAYS)
  - PILE CAPS - EXPOSURE CLASS S-2 (25MPA AT 28 DAYS)
  - CAST-IN-PLACE PILES - EXPOSURE CLASS S-2 (32MPA AT 28 DAYS)
  - INTERIOR SLABS ON GRADE - EXPOSURE CLASS N (25MPA AT 28 DAYS)
  - INTERIOR STRUCTURAL SLABS - EXPOSURE CLASS N (25MPA AT 28 DAYS)

#### REINFORCING STEEL

- REINFORCING STEEL SHALL BE NEW BILLET DEFORMED BARS MANUFACTURED IN ACCORDANCE WITH CSA G30.18 AND DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI MANUAL, WITH MINIMUM YIELD STRENGTH AS FOLLOWS: 10M BARS-300MPA, 15M BARS & LARGER - 400MPA.
- REINFORCING STEEL SHALL BE FREE FROM LOOSE RUST, MUD, OIL OR OTHER COATINGS WHICH MAY REDUCE THE BOND OR HARM THE CONCRETE.
- REINFORCING STEEL SHALL BE HELD IN PLACE AND TIED WITH PROPER ACCESSORIES SUCH AS HI-CHAIRS, SPACERS, TIES, ETC. SUPPLIED BY THE REINFORCING STEEL PROVIDER. APPROPRIATE SUPPORT SHALL BE PROVIDED UNDER ALL SUPPORT ACCESSORIES TO ENSURE THAT THE REINFORCING STEEL IS ACCURATELY POSITIONED.
- LAP TOP BARS AT MID-SPAN AND BOTTOM BARS OVER SUPPORTS.
- BEND ALL HORIZONTAL STEEL 18" AROUND CORNERS, OR USE EXTRA 36"x36" CORNER BARS TO MATCH HORIZONTALS.
- PROVIDE 2-15M AROUND ALL SLAB, WALL, & BEAM OPENINGS, UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS.
- CONCRETE COVER TO REINFORCING STEEL SHALL BE AS FOLLOWS:
  - CONCRETE CAST IN DIRECT CONTACT WITH SOIL - 75mm (3")
  - FORMED CONCRETE IN CONTACT WITH SOIL 15M OR SMALLER - 50mm (2")
  - FORMED CONCRETE IN CONTACT WITH SOIL 20M OR LARGER - 40mm (1  $\frac{1}{2}$ ")
  - FORMED CONCRETE NOT IN CONTACT WITH SOIL (BEAMS AND COLUMNS) - 40mm (1  $\frac{1}{2}$ ")
  - FORMED CONCRETE NOT IN CONTACT WITH SOIL (SLABS AND WALLS) - 20mm (3/4")
- MISCELLANEOUS CONCRETE HOUSEKEEPING PADS AND CURBS SHALL BE REINFORCED WITH A MINIMUM 10M AT 18" O.C. EACH WAY UNLESS NOTED. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

#### MASONRY NOTES:

- MASONRY WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF CSA-A165-STANDARDS FOR CONCRETE MASONRY UNITS.
- MASONRY WALLS SHALL BE BUILT WITH TYPE "S" MORTAR HAVING A MINIMUM STRENGTH OF 15MPA @ 28 DAYS. NON-LOAD BEARING WALLS MAY BE BUILT WITH TYPE "N" MORTAR.
- CONCRETE INFILL SHALL BE 20MPA @ 28 DAYS.
- ALL CONCRETE MASONRY SHALL BE STANDARD MASONRY UNITS WITH A MINIMUM STRENGTH OF 15MPA.
- TOP OF ALL MASONRY WALLS SHALL BE U-BLOCK, REINF: 1-10M CONTINUOUS, INFILL WITH 20MPA CONCRETE.
- INFILL BOTTOM 3 COURSES WITH 20MPA CONCRETE.
- DOWEL MASONRY WALLS TO CONCRETE FOUNDATION WITH 15Mx36" LG. VERTICAL DOWELS TO MATCH VERTICAL WALL REINFORCING.
- CONTRACTOR IS RESPONSIBLE TO BRACE ALL WALLS UNTIL PERMANENT STRUCTURE AND BRACING IS IN PLACE.
- VERTICAL REINFORCING SHALL BE CONTINUOUS. LAP JOINTS 30 BAR DIAMETERS, MIN.
- CONCRETE MASONRY CORES SHALL BE PLACED IN LIFTS NOT EXCEEDING 8'.
- PROVIDE 2-15M VERTICAL BARS AT EACH SIDE OF OPENINGS EXCEEDING 4' IN WIDTH. INFILL WITH CONCRETE.
- ALL MASONRY BELOW BASE PLATES SHALL HAVE MINIMUM 2-15M VERTICAL IN 2 VERTICAL CORES FILLED WITH 20MPA CONCRETE.
- PROVIDE 1  $\frac{1}{2}$ " x 6" x  $\frac{3}{4}$ " STRAP ANCHORS @ 24" O.C. VERTICALLY WHERE STEEL COLUMNS ARE WITHIN MASONRY WALLS.
- TYPICAL LINTELS FOR OPENINGS SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS.
  - UP TO 4' IN WIDTH 8" U-BLOCK, REINF: 1-15M CONT.
  - 4'-8' IN WIDTH 16" U-BLOCK, REINF: 2-15M CONT.

#### STRUCTURAL DRAWING LIST

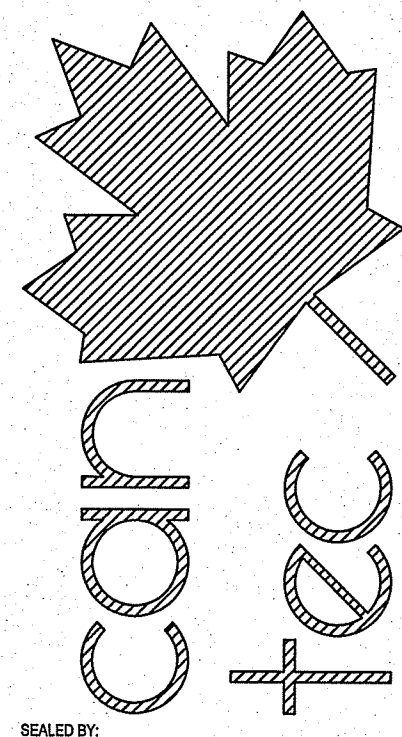
S-1	GENERAL NOTES & DEMOLITION PLAN
S-2	NEW FLOOR PLAN & DETAILS

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00	ISSUED FOR REVIEW	13 05 03	SAS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

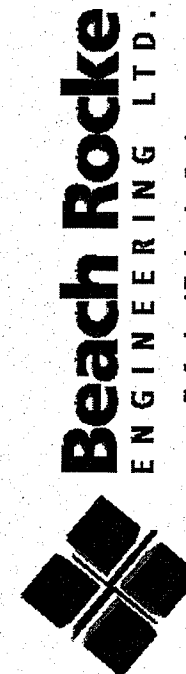
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PROJECT TITLE  
**RCMP - FISHER BRANCH**  
SHEET TITLE  
**DEMOLITION PLAN**

CHECKED BY  
R.H.

DRAWN BY  
S.A.S.

SCALE  
AS NOTED

DATE (YY MM DD)  
JULY 17, 2013

LOCATION  
FISHER BRANCH, MANITOBA, CANADA

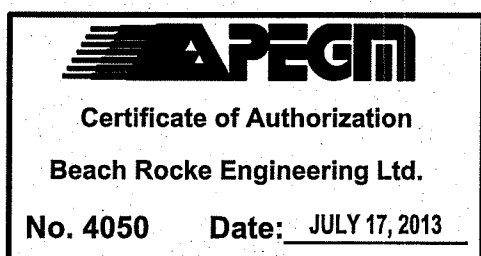
**S-1**

REVISION #:

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JOB NO.

**13-358-CG-74**

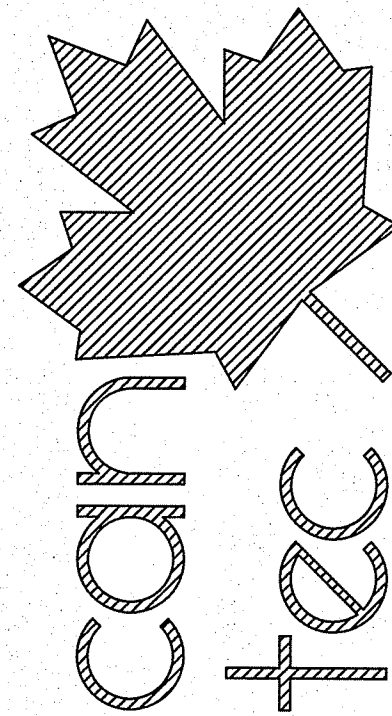




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PROJECT TITLE  
**RCMP - FISHER BRANCH**

SHEET TITLE  
**NEW FLOOR PLAN**

CHECKED BY  
R.H.

DRAWN BY  
S.A.S.

SCALE  
AS NOTED

DATE (YY/MM/DD)  
JULY 17, 2013

LOCATION  
FISHER BRANCH, MANITOBA, CANADA

REVISION #:  
**S-2**

JOB NO.  
13-358-CG-74

01	ISSUED FOR CONSTRUCTION	13 07 17	SAS
00	ISSUED FOR REVIEW	13 05 03	SAS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

**LINTEL SCHEDULE**

**'L1'**

6" / 8" x 8" DP. CONCRETE BLOCK LINTEL  
REINF: 2-15M BOTTOM, EXTEND PAST  
OPENING 16" E.S.  
PROVIDE 1-15M FULL HEIGHT VERTICAL  
E.S. OPENING.

**SECTION** **PLAN**

1 - 15M F.H. VERT.  
E.S. OPENING  
2 - 15M

**2 S-2**

DRILL & EPOXY GROUT 15M  
DOWELS @ 400mm O.C.  
(100mm MIN. EMBEDMENT)

NEW 152 OR 200 (SEE ARCH.) MASONRY  
CONCRETE BLOCK WALL  
REINF: 1 - 15M VERT. @ EVERY 3rd CORE  
1 - 10M VERT. @ ALL OTHER CORES  
C/W 15M DOWELS @ 400mm O.C.  
INTO EXIST. @ TOP, BOT & SIDES  
FILL ALL CORES W/ 20mPa CONCRETE

EXIST. 152mm  
CONC. ATTIC  
SLAB

DRILL & EPOXY GROUT 15M  
DOWELS @ 400mm O.C.  
(100mm MIN. EMBEDMENT)

EXIST.  
EXTERIOR  
CONC. WALL

EXIST. 152mm  
CONC. SLAB

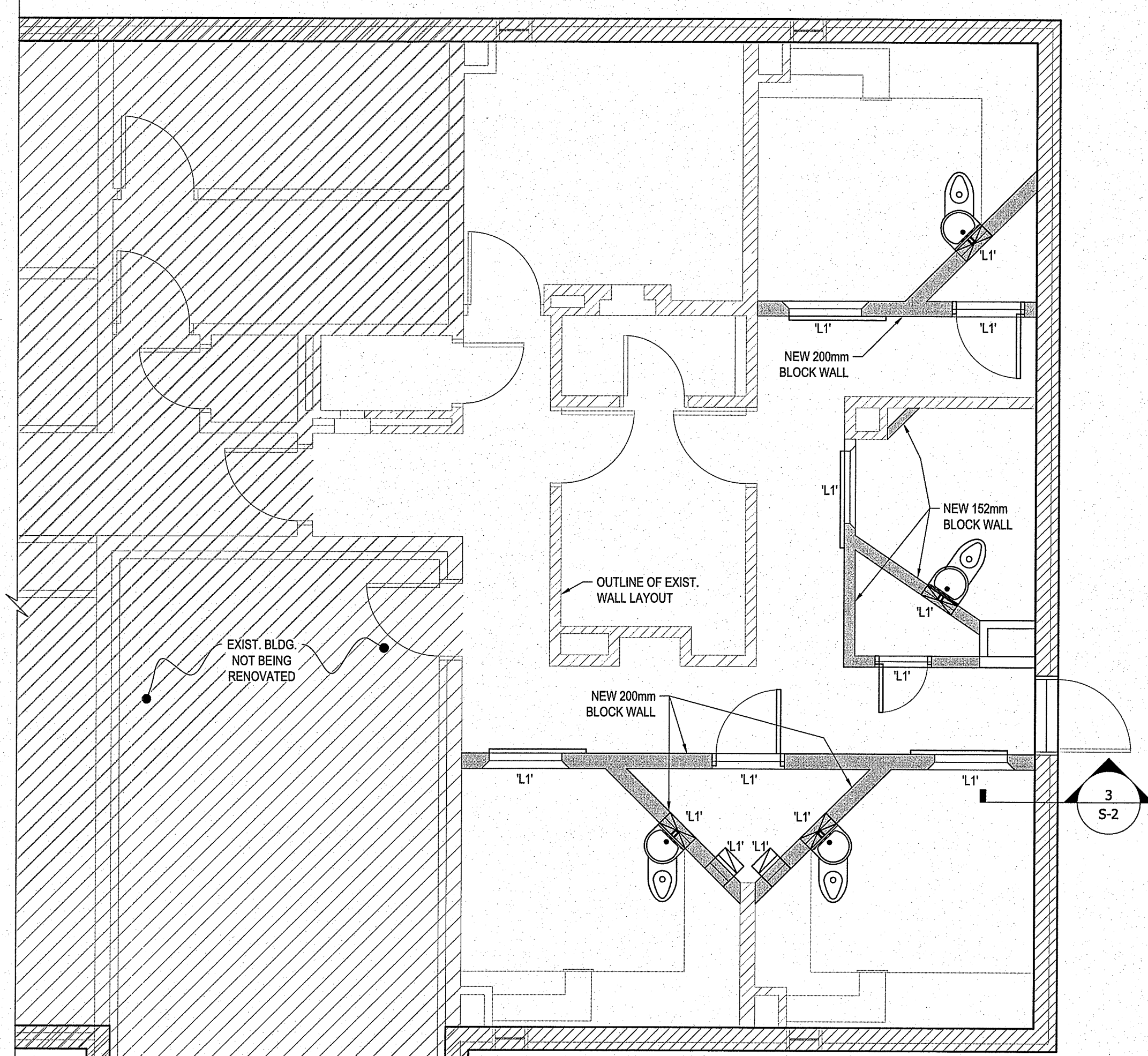
CRAWLSPACE

**3 S-2**

**TYP. NEW BLOCK WALL**  
SCALE: 1 : 20

**1 S-2**

**NEW FLOOR PLAN**  
SCALE: 1 : 50



EXIST. 152mm  
CONC. ATTIC SLAB

8" BOND BEAM  
C/W 1-15M CONT.

DRILL & EPOXY GROUT DOWELS  
INTO EXIST. SLAB (100mm MIN.)

15M DOWELS @ 400mm O.C.

NEW 152 OR 200 (SEE ARCH.) MASONRY  
CONCRETE BLOCK WALL  
REINF: 1 - 15M VERT. @ EVERY 3rd CORE  
1 - 10M VERT. @ ALL OTHER CORES  
C/W 15M DOWELS @ 400mm O.C.  
INTO EXIST. @ TOP, BOT & SIDES  
FILL ALL CORES W/ 20mPa CONCRETE

15M DOWELS @ 400mm O.C.

900mm

EXIST. 152mm  
CONC. SLAB

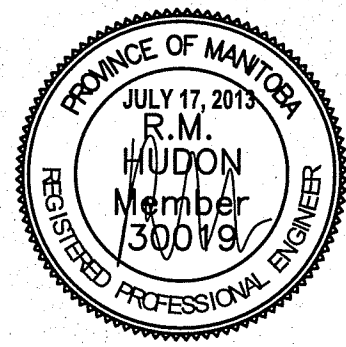
DRILL & EPOXY GROUT DOWELS  
INTO EXIST. SLAB (100mm MIN.)

CRAWLSPACE

**2 S-2**

**TYP. NEW BLOCK WALL**  
SCALE: 1 : 20

**APEGM**  
Certificate of Authorization  
Beach Rocke Engineering Ltd.  
No. 4050 Date: JULY 17, 2013



DRAWINGS NOTES:

##

- EXISTING FLOOR DRAIN TO REMAIN.
- REMOVE EXISTING FLOOR DRAIN AND TRAP AND TRAP PRIMER AND INSTALL NEW FLOOR DRAIN AND TRAP PRIMER IN EXISTING POSITION
- FLOOR DRAIN TO BE RELOCATED TO THIS POSITION IN CELL CONNECT TO EXISTING PIPING IN BASEMENT
- NEW COMBI TOILET AND SLEEVE. INSTALL IN POSITION AS SHOWN ON ARCHITECTURAL DRAWINGS AND MANUFACTURERS INSTRUCTION CONNECT TO EXISTING WATER SUPPLY LINES AND SANITARY LINES IN CRAWL SPACE BELOW. SEE DETAIL 2 AND 3 ON THIS SHEET

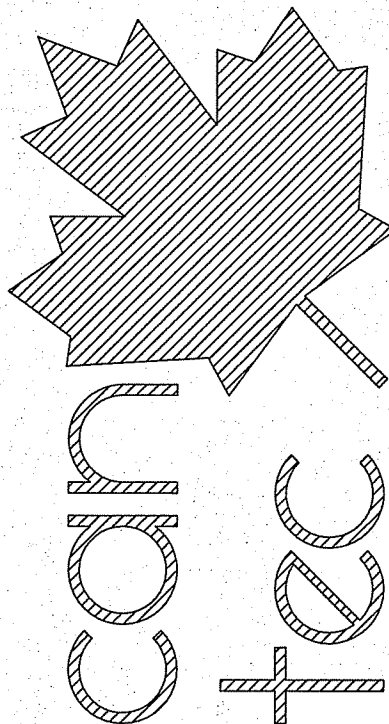
PLUMBING LEGEND

---	EXISTING DOMESTIC COLD WATER
---	NEW DOMESTIC COLD WATER
---	EXISTING DOMESTIC HOT WATER
---	NEW DOMESTIC HOT WATER
---	NEW RECIRCULATION LINE
---	EXISTING SANITARY LINE
---	NEW SANITARY LINE
---	NEW VENT
○ TAG	FIXTURE TAG
● FD	FLOOR DRAIN
co	CLEAN OUT

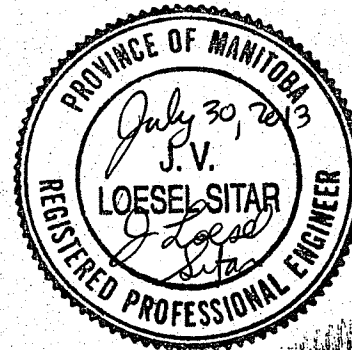
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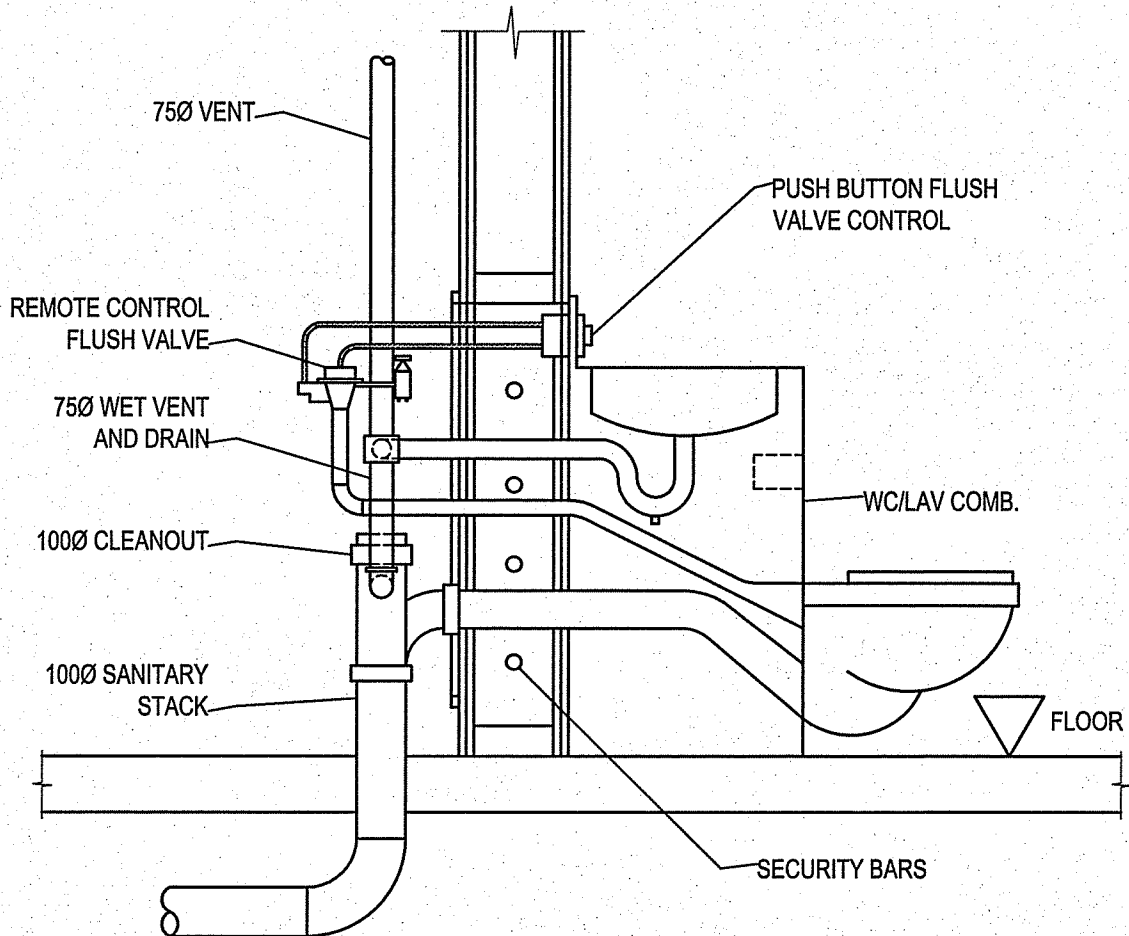


ENGINEERING AND DRAFTING

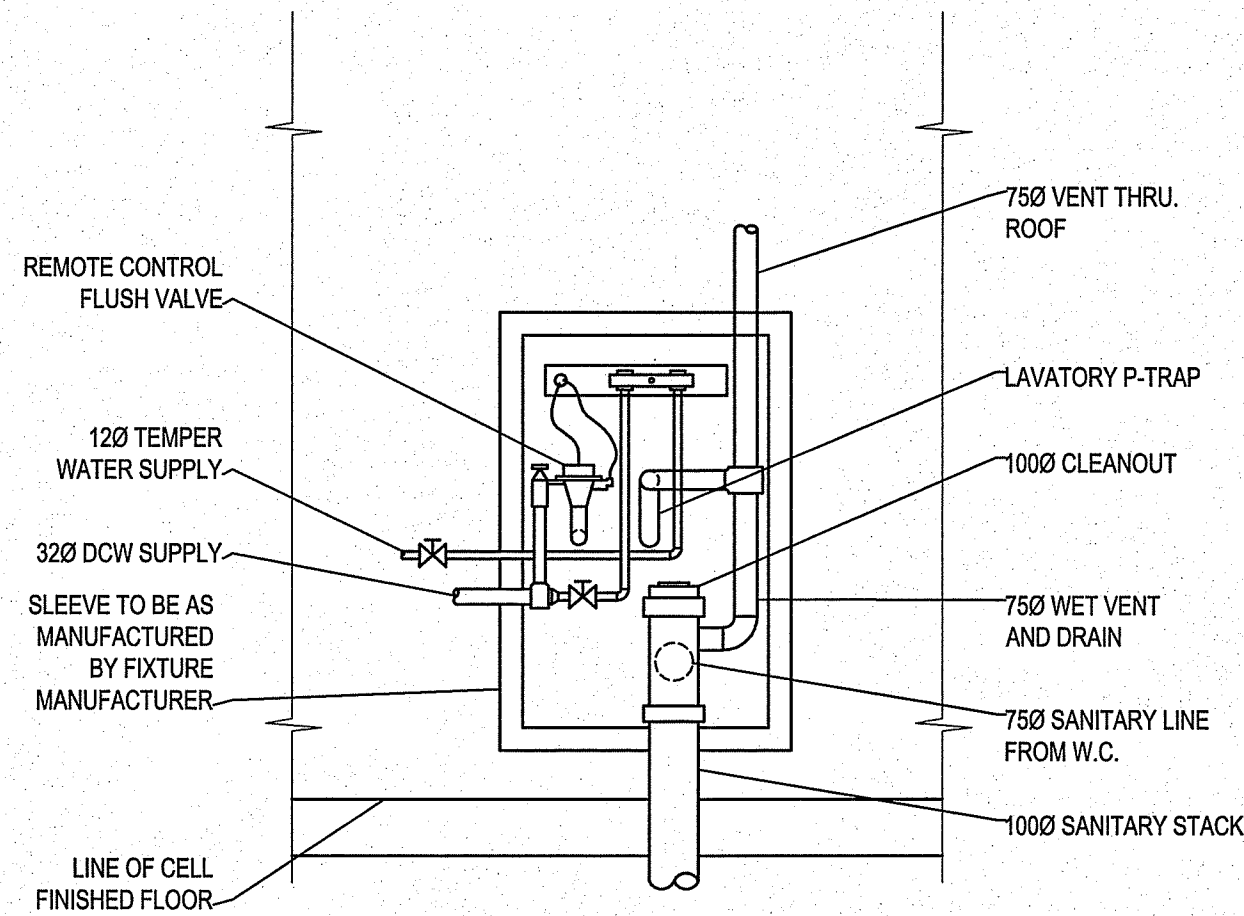
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PHASE 1

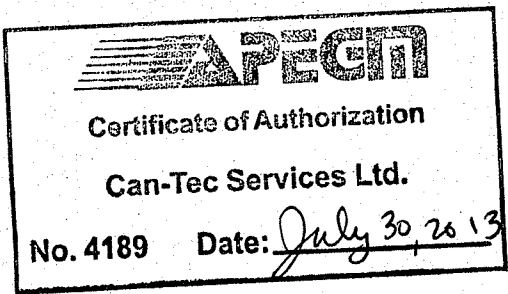
PHASE 2



2 COMBI TOILET SECTION DETAIL  
SCALE: 1:20



3 COMBI TOILET REAR SECTION DETAIL  
SCALE: 1:20



01	ISSUED FOR TENDER/CONST	JULY 30 2013	JLS
00	ISSUED FOR 90% REVIEW	MAY 27 13	RS
REV.#	REVISION	DATE (YY MM DD)	REV. BY

PROJECT TITLE  
RCMP - FISHER BRANCH

SHEET TITLE  
MAIN FLOOR - PLUMBING

DATE (YY MM DD)  
MAY 27 2013

SCALE  
AS NOTED

LOCATION  
FISHER BRANCH, MANITOBA

DESIGN STAGE

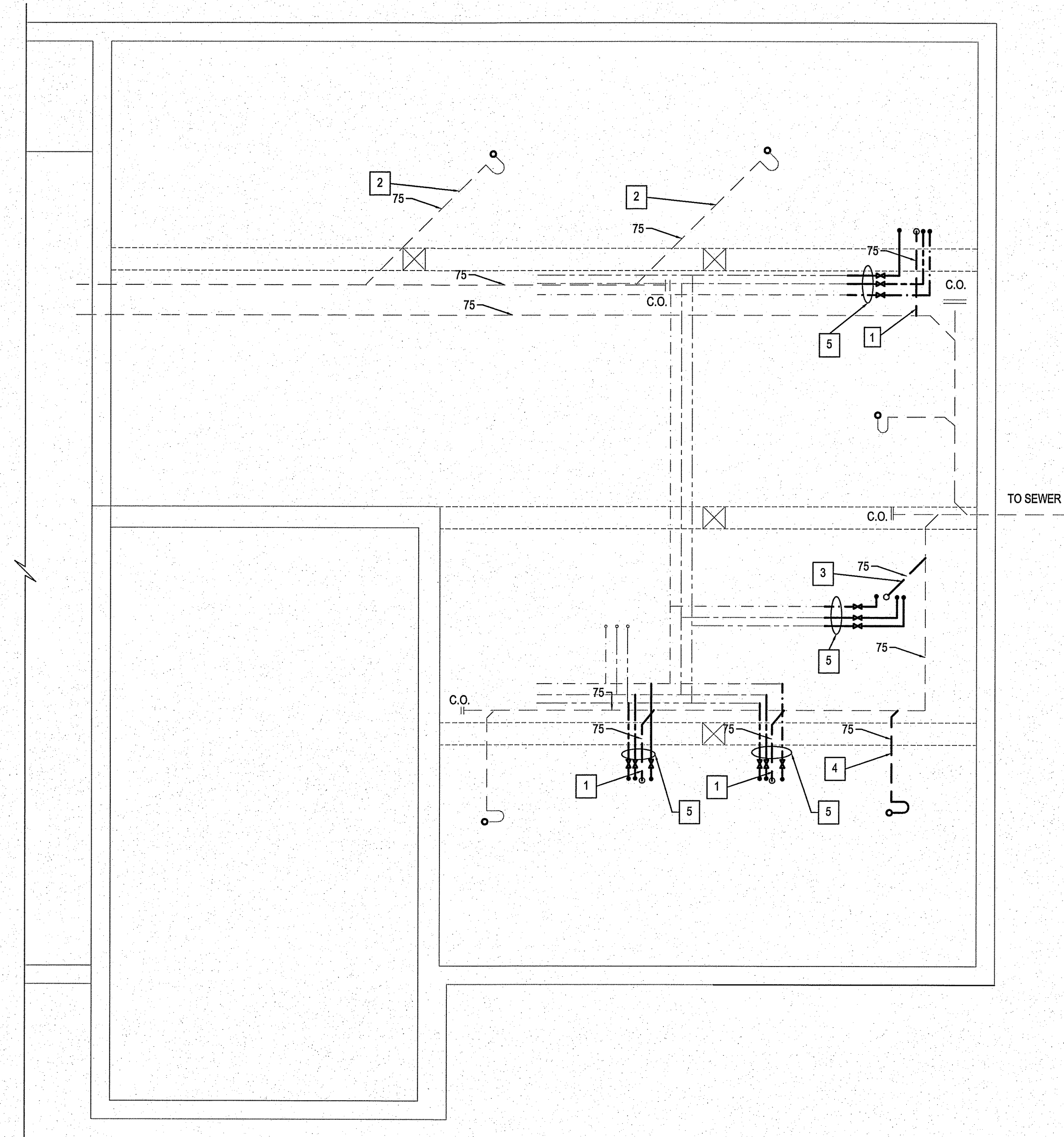
M1.0

REVISION #:

JOB NO.  
13-021-01-43

1 MAIN FLOOR PLAN PLUMBING  
SCALE: 1:50





DRAWINGS NOTES:

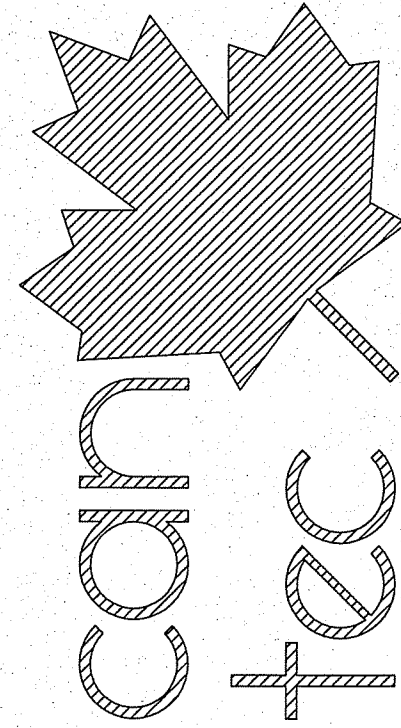
##

1. RE-CONNECT EXISTING 75 MM SANITARY LINE TO NEW CELL TOILET
2. EXISTING FLOOR DRAIN TO REMAIN IN SAME POSITION
3. CONNECT NEW CELL TOILET TO CAPPED OFF CELL TOILET STUB IN CRAWL SPACE.
4. CONNECT NEW FLOOR DRAIN TO EXISTING SANITARY LINE
5. SUPPLY LINE SIZES, 13 MM DHW, 13 MM RECIRC, 31 MM DCW

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PROJECT TITLE  
**RCMP - FISHER BRANCH**

CHECKED BY  
JLS

SHEET TITLE  
**CRAWL SPACE PLUMBING**

DRAWN BY  
RS

DATE (YY MM DD)  
MAY 27 2013

SCALE  
AS NOTED

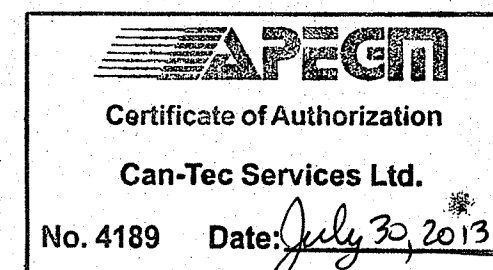
LOCATION  
FISHER BRANCH, MANITOBA

DESIGN STAGE

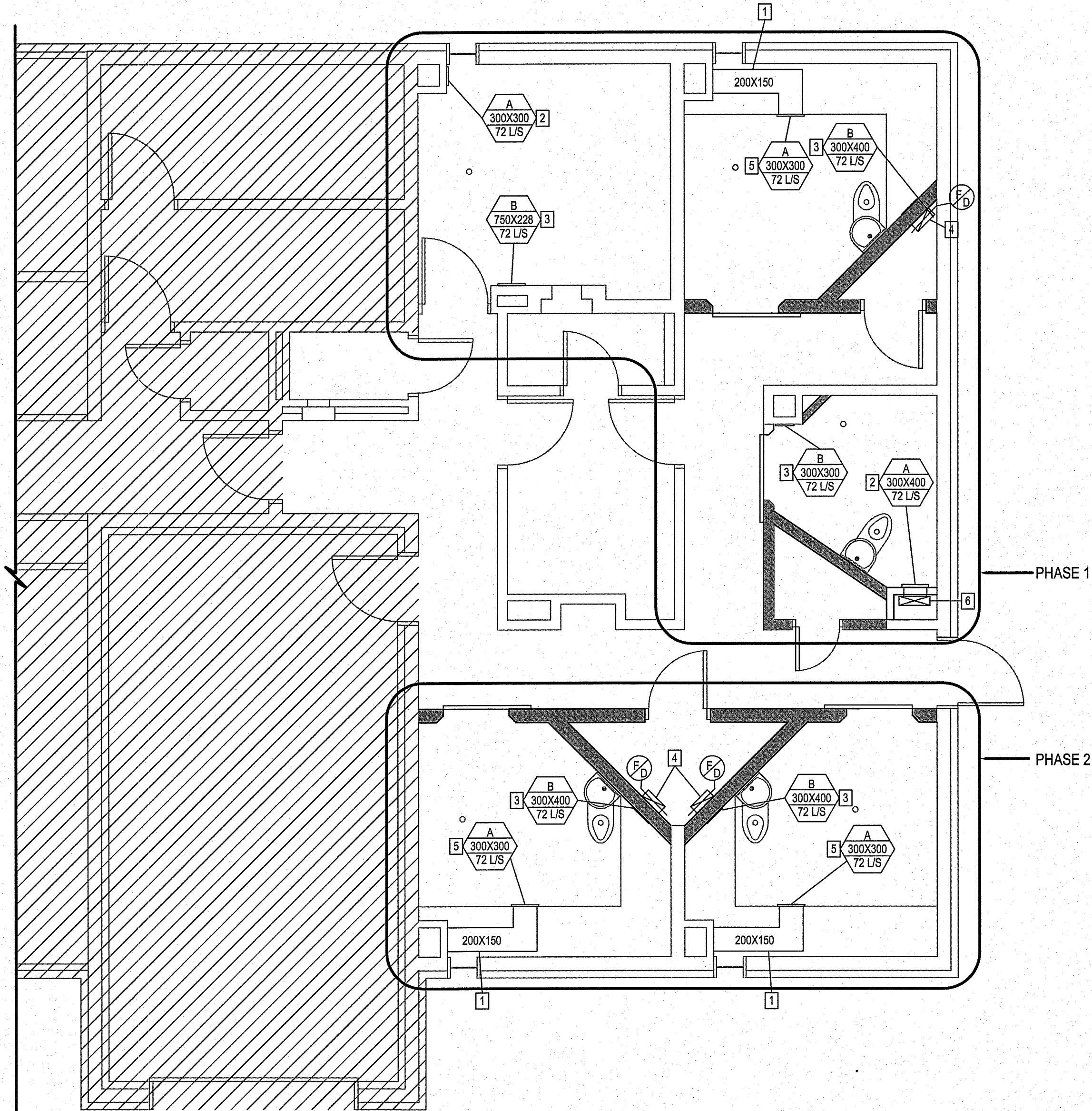
**M1.1**

REVISION #: 01

JOB NO.  
**13-021-01-43**



01	ISSUED FOR TENDER/CONST.	JULY 30 2013	JLS
00	ISSUED FOR 90% REVIEW	MAY 27 13	RS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

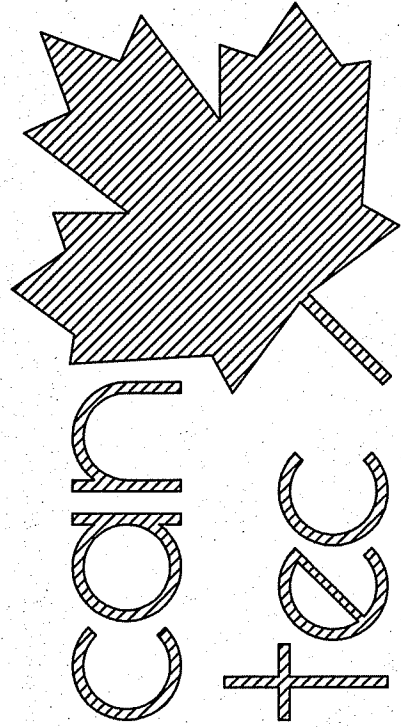


DRAWINGS NOTES:

##

1. EXTEND EXISTING DUCT FROM WALL TO NEW SECURITY GRILL
2. NEW SUPPLY SECURITY GRILL SIZE TO MATCH EXISTING OPENING (SITE VERIFY SIZE)
3. NEW RETURN SECURITY GRILL SIZE (SITE VERIFY SIZE)
4. NEW RETURN AIR DUCT CONNECT TO EXISTING DUCTWORK IN CRAWL SPACE SIZE 329 X 127 (SITE VERIFY) DUCT TO HAVE FIRE DAMPER AT FLOOR
5. NEW SECURITY GRILL
6. EXISTING SUPPLY DUCT TO CELL

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SCALE  
AS NOTED

DATE (YY/MM/DD)  
MAY 27 2013

LOCATION  
FISHER BRANCH, MANITOBA

PROJECT TITLE  
RCMP - FISHER BRANCH  
SHEET TITLE  
MAIN FLOOR - HVAC

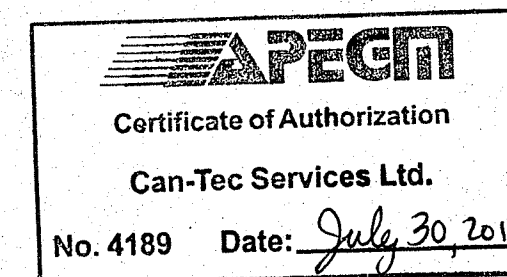
DESIGN STAGE

M2.0

REVISION #: 01

JOB NO.

13-021-01-43



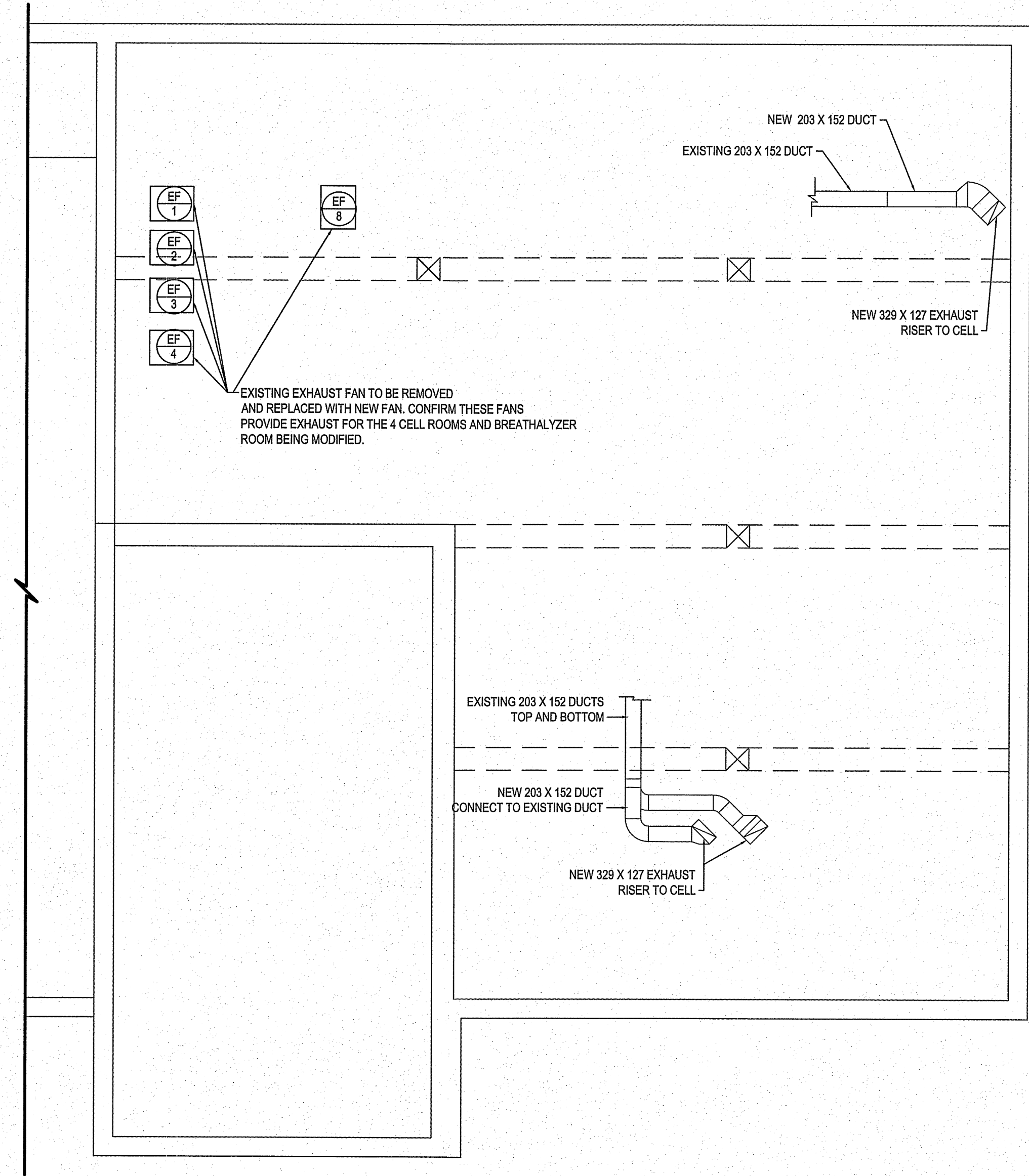
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REV. #  
ISSUED FOR TENDER/CONST.  
DATE (YY/MM/DD)  
JULY 30 2013  
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GRILLE/DIFFUSER SCHEDULE

SYMBOL	MANUFACTURER	MODEL	REMARKS
A	VIRTUCOM-INC	VIRTUCOM SCO Security	SUPPLY GRILLE. INSTALL AS PER MANUF. INSTRUCTION
B	VIRTUCOM-INC	VIRTUCOM SCO Security	RETURN GRILLE. INSTALL AS PER MANUF. INSTRUCTION

1  
M1.0 M1.0  
SCALE: 1:50  
MAIN FLOOR PLAN - HVAC





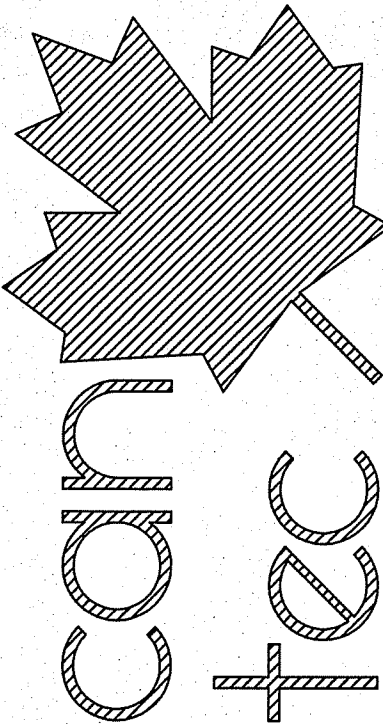
NOTES:

1. VERIFY ALL SIZES AND LOCATIONS OF DUCTS AND MODIFY DUCTWORK TO FIT.
2. ALL DUCTWORK NOT SHOWN ON DRAWINGS FOR CLARITY
3. LOCATION OF EXHAUST FANS IS APPROXIMATE SITE VERIFY ALL LOCATIONS

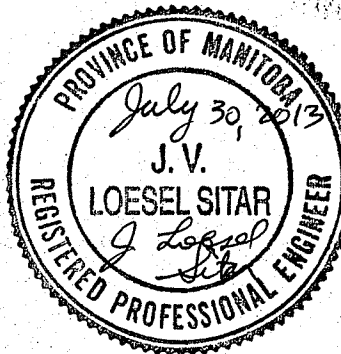
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PROJECT TITLE  
RCMP - FISHER BRANCH

SHEET TITLE  
CRAWL SPACE PLUMBING

DATE (YY MM DD)  
MAY 27 2013

SCALE  
AS NOTED

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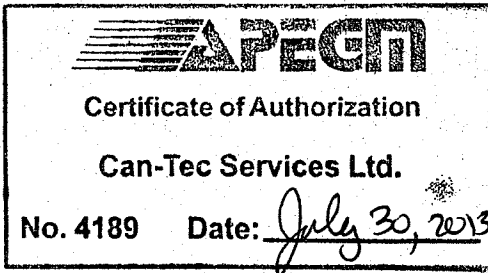
LOCATION  
FISHER BRANCH, MANITOBA

DESIGN STAGE

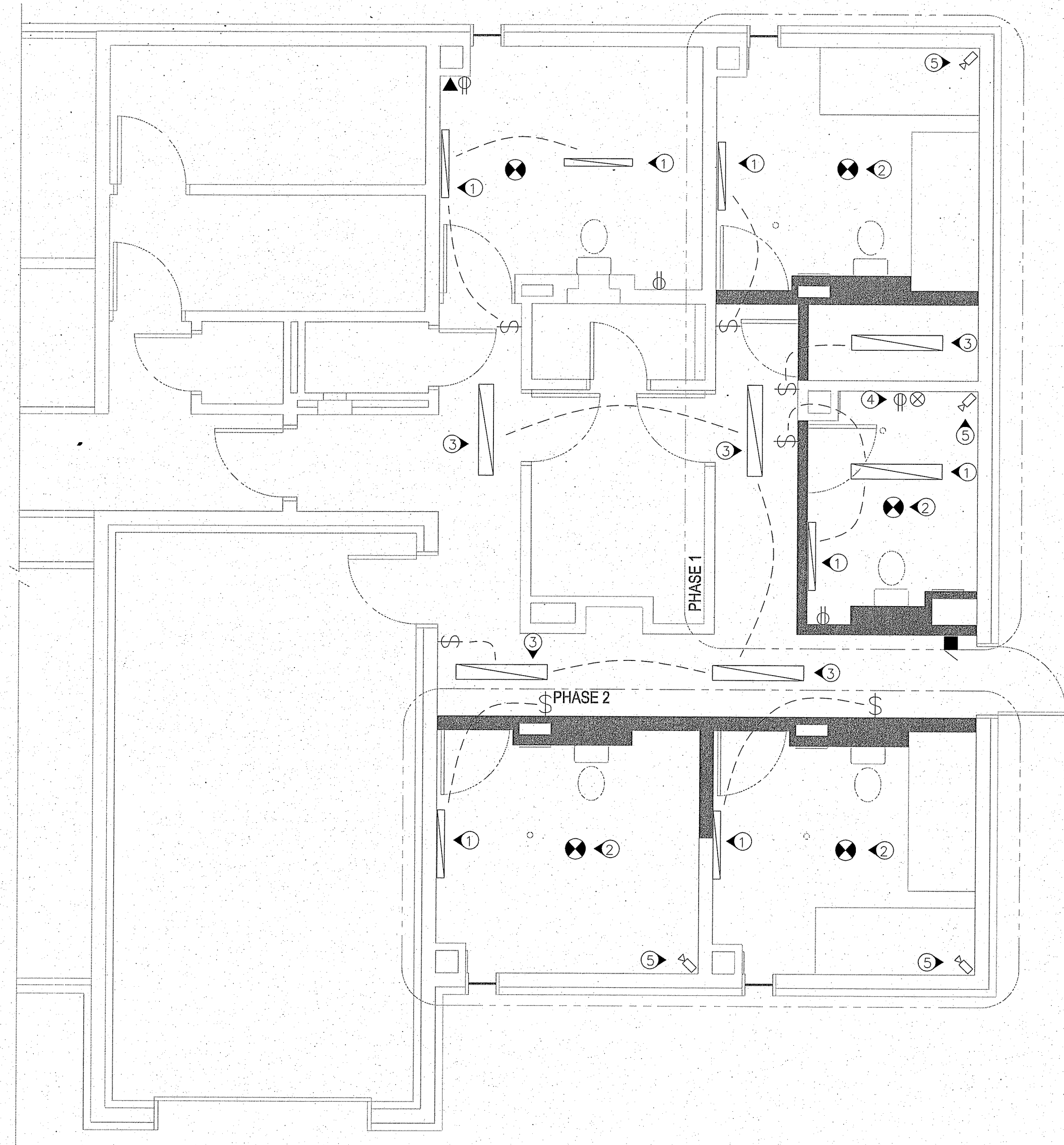
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REVISION #: 01

JOB NO.  
13-021-01-43



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01	REVISION	DATE (YY MM DD)	REV. BY



1 ELECTRICAL DEMOLITION PLAN  
E-1 SCALE: 1:50

- DRAWING NOTES:**
- 1 REMOVE EXISTING LIGHTS. RE-USE EXISTING WIRING WHERE POSSIBLE. REMOVE ANY UNUSED WIRING BACK TO THE PANEL.
  - 2 REMOVE AND REPLACE EXISTING SMOKE DETECTORS WITH APPROVED MODEL AND APPROVED PROTECTIVE CAGE.
  - 3 REMOVE AND REPLACE EXISTING CORRIDOR LIGHTS. REUSE EXISTING WIRING.
  - 4 REMOVE EXISTING RECEPTACLE AND JUNCTION BOX. REMOVE WIRING BACK TO THE PANEL AND CUT CONDUITS BELOW FLOOR LEVEL.
  - 5 REMOVE EXISTING CAMERAS AND ALL ASSOCIATED WIRING BACK TO SOURCE.

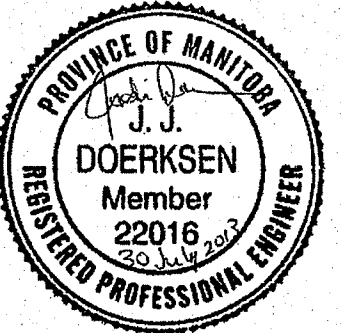
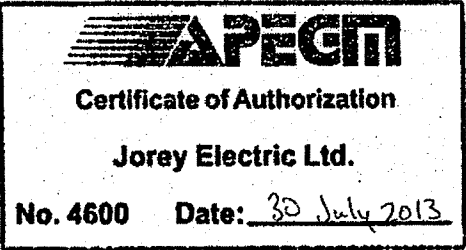
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**Jorey Electric Ltd.**  
Engineering Consultants  
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Winnipeg, Manitoba  
Canada, R2J 3T3  
Telephone: (204) 255-4842  
Facsimile: (204) 255-7679  
E-mail: info@joreyelectric.com

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SYMBOL SCHEDULE	
	DUPLEX RECEPTACLE "GF" DENOTES GFI RECEPTACLE
	SINGLE GANG SWITCH "3" DENOTES 3-WAY
	TWO GANG SWITCH
	TELEPHONE JACK
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM HEAT DETECTOR
	FIRE ALARM PULL STATION
	CLOSED CIRCUIT CAMERA
	ELECTRICAL CONNECTION

PROJECT TITLE  
**RCMP - FISHER BRANCH**

SHEET TITLE  
**ELECTRICAL DEMOLITION PLAN**

DATE (Y/M/DD)  
30 JUL 2013

SCALE  
AS NOTED

LOCATION  
FISHER BRANCH, MANITOBA

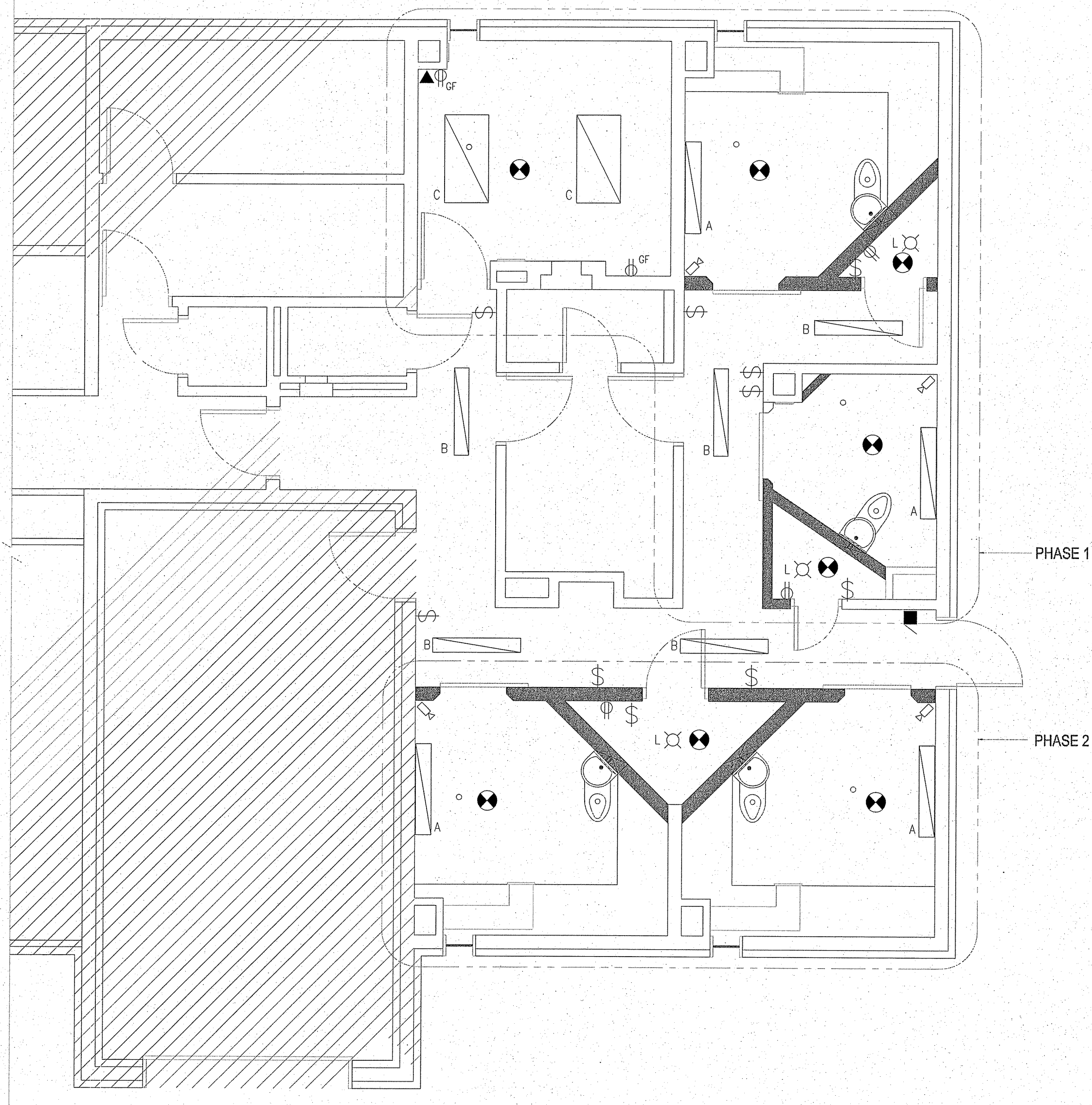
CHECKED BY  
JJD

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JJD

**E-1**  
REVISION #: 0  
JOB NO.  
**13-015**

0	ISSUED FOR TENDER	30 JUL 2013	JJD
A	ISSUED FOR REVIEW	28 MAY 2013	JJD
REV. #	REVISION	DATE	REV. BY





1 ELECTRICAL CONSTRUCTION PLAN  
E-2 SCALE: 1:50

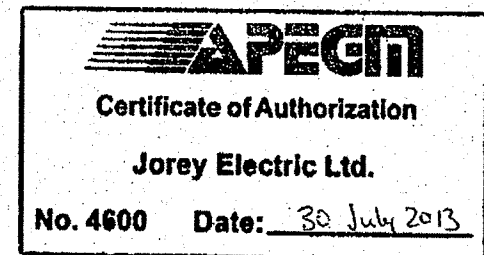
LIGHTING SCHEDULE

TYPE	DESCRIPTION	LAMPS
A	COOPER LIGHTING FCC-X-232-120-80/86-EB82-FNL CORNER MOUNTED MANUFACTURER AND MODEL NUMBER STAMPED ON FIXTURE FACEPLATE. ARRANGE FOR HIGH YIELD GROUTING ALL AROUND WITH POLYMER FORTIFIED HIGH YIELD GROUT.	2 F32T8/841
B	COOPER LIGHTING METALUX MC-232A125-UNV-EB81-RIF1-U CEILING MOUNTED	2 F32T8/841
C	1219mm X 610mm RECESSED TROFFER C/W RADIO FREQUENCY INTERFERENCE SUPPRESSION BALLAST	2 F32T8/841
L	OUTLET BOX LAMPHOLDER. ONE-PIECE KEYLESS TOP WIRED 600W, 600V C/W WIRE GUARD	60W A19

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Jorey Electric Ltd.  
Engineering Consultants  
6-1375 Nickwag Road E.  
Winnipeg, Manitoba  
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Facsimile: (204) 255-7679  
E-mail: info@joreyelectric.com

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FIRE ALARM NOTES:  
1. SMOKE DETECTORS IN CELL AREAS ARE TO BE  
COMPLETE WITH APPROVED PROTECTIVE  
CAGE. APPROVED CAGES ARE:  
SIMPLEX-GRINNELL MODEL 2098-9829C, GE  
SECURITY (EDWARDS) MODEL 6255-004,  
NOTIFIER (HONEYWELL) MODEL G1A-2. SMOKE  
DETECTOR MUST BE APPROVED FOR USE WITH  
SELECTED PROTECTIVE CAGE. REPLACE  
EXISTING SMOKE DETECTORS, FIRE ALARM  
CONTROL PANEL AND ANNUNCIATOR IF  
NECESSARY FOR A FULLY COMPATIBLE  
SYSTEM.

2. USE HIGH-YIELD GROUT MATERIAL TO FILL ANY  
SPACE BETWEEN THE BACK OF THE MOUNTING  
PLATE AND THE CEILING SURFACE.  
3. ALL PROTECTIVE CAGES MUST BE STAMPED  
WITH MANUFACTURER AND MODEL NUMBER ON  
THE FACE PLATE.

CLOSED CIRCUIT CAMERA NOTES:  
1. PROVIDE 27mm CONDUIT COMPLETE COMPLETE  
WITH ONE CAT6 CABLE AND PULL WIRE FROM  
EACH NEW CAMERA LOCATION TO GUARD  
DESK. CONDUIT MUST BE CONCEALED IN ALL  
AREAS.

2. INSTALL NEW CAMERA HOUSINGS. HOUSINGS  
TO BE PROVIDED BY OTHERS.

3. CONDUIT FITTINGS ARE TO HAVE 2ND LOCKNUT  
INSTALLED ON EXTERIOR OF CAMERA HOUSING  
IN ORDER TO HAVE MINIMAL PROTRUSION INTO  
THE CAMERA HOUSING.

4. USE HIGH-YIELD GROUT MATERIAL TO FILL ANY  
SPACE BETWEEN THE BACK OF THE MOUNTING  
PLATE AND THE CEILING SURFACE.

RCMP - FISHER BRANCH  
ELECTRICAL CONSTRUCTION PLAN

CHECKED BY JJD  
DRAWN BY JJD  
SCALE AS NOTED  
DATE 30 JUL 2013  
LOCATION FISHER BRANCH, MANITOBA

E-2

REVISION #: 0

0 ISSUED FOR TENDER 30 JUL 2013 JJD  
A ISSUED FOR REVIEW 28 MAY 2013 JJD  
REV. # REVISION DATE REV. BY

13-015