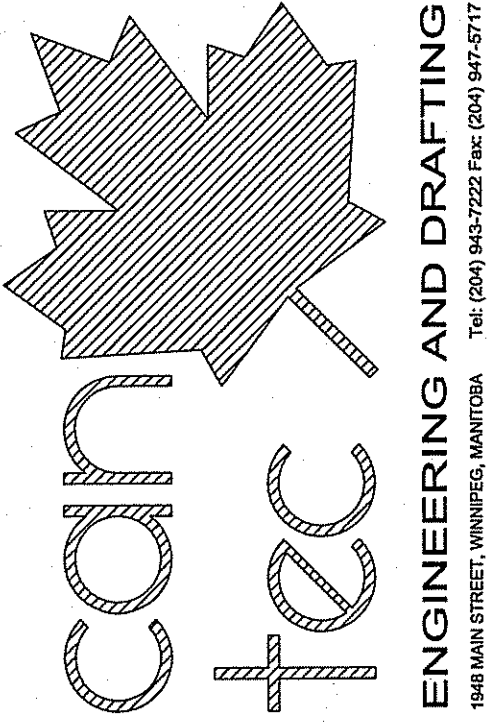


INTERIOR RENOVATIONS 355 FISCHER AVENUE THE PAS, MANITOBA TENDER

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ISSUED FOR 50% REVIEW 14.02.14
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DRAWING LIST

DRAWING LIST

ARCHITECTURAL

A0.0 TITLE PAGE
A1.0 DEMOLITION PLAN
A2.0 MAIN FLOOR PLAN - NOTES
A4.0 MAIN FLOOR PLAN - DIMENSIONS
A4.1 SECTIONS AND DETAILS
A4.1 INTERIOR ELEVATIONS
A6.0 MAIN FLOOR REFLECTED CEILING

STRUCTURAL

S-1 MAIN FLOOR PLAN DEMOLITION
S-2 MAIN FLOOR PLAN

MECHANICAL

M1.0 MAIN FLOOR PLAN PLUMBING
M1.1 BASEMENT SPACE PLUMBING
M2.0 MAIN FLOOR PLAN HVAC

ELECTRICAL

E1.0 ELECTRICAL DEMOLITION PLAN
E2.0 PARTIAL MAIN FLOOR PLAN

CONSULTANT LIST

PRIME CONSULTANT:



STRUCTURAL ENGINEERING:



MECHANICAL ENGINEERING:

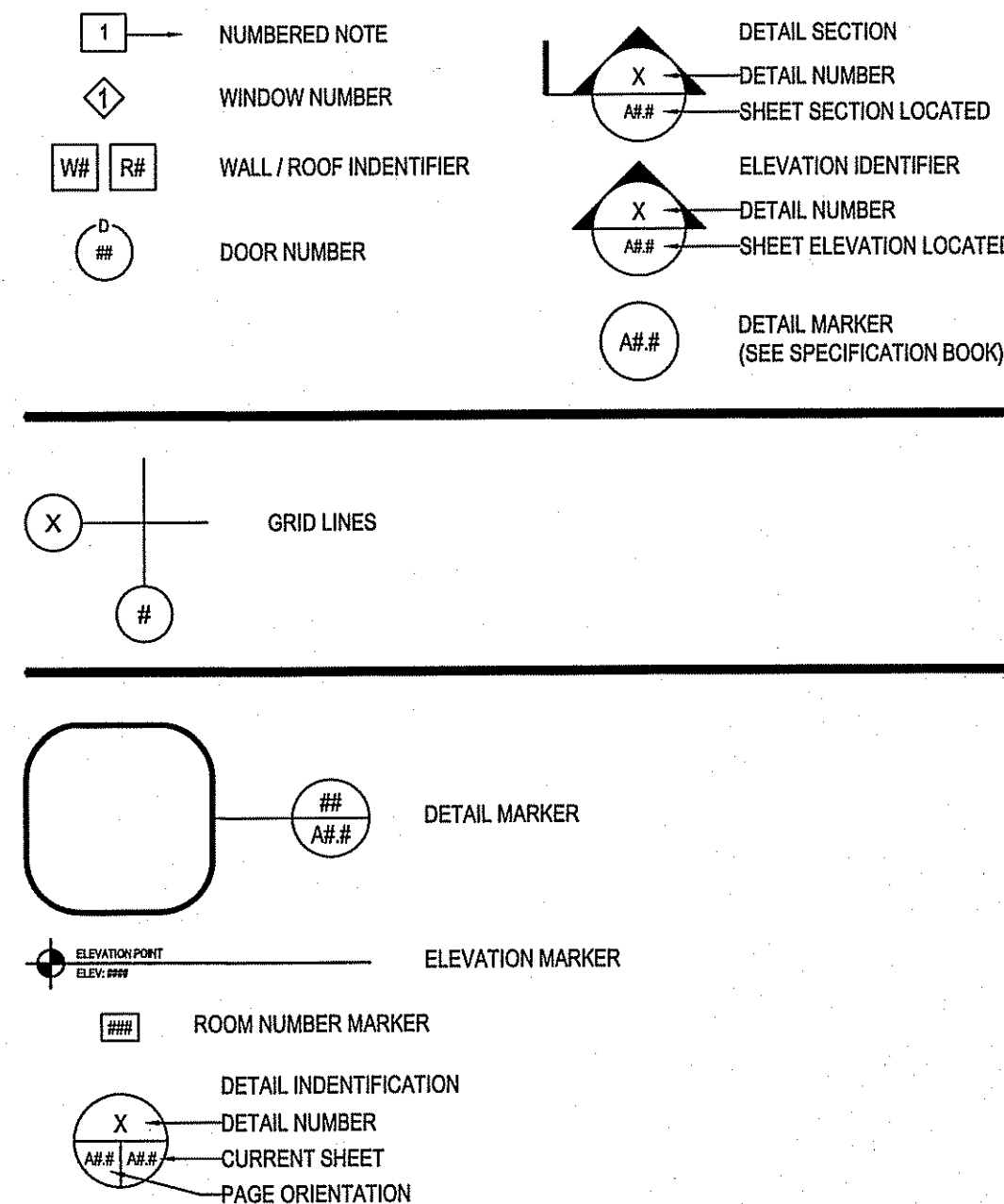


ELECTRICAL ENGINEERING:



Engineering Consultants
6-1375 Niakwa Road E Telephone: (204) 255-4842
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Canada, R2J 3T3 E-mail: info@joreyelectric.com

DRAWING SYMBOLS



ABBREVIATION LIST

ACOUSTIC	ACST	DRYWALL	DW	LAVATORY	LAV	ROOM	RM
ADHESIVE	ADH	EACH	EA	LAY-IN ACOUSTIC TILE	LAT	ROUGH OPENING	RO
ADJUSTABLE	ADJ	EACH WAY	EW	LEFT HAND	LH	RUBBER	RB
AGGREGATE	AGGR	EAST	E	LEFT HAND REVERSE	LHR	RVT	RESILIENT SHEET FLOORING
AIR VAPOUR BARRIER	AVB	ELECTRICAL	ELEC	LENGTH	LG	SCHEDULE	SCHED
ALTERNATE	ALT	ELEVATION	EL	LIGHT	LT	SCREW	SCR
ALUMINUM	ALUM	ELEVATOR	ELEV	LOUVRE	LVR	SECTION	SECT
APARTMENT	APT	EPOXY	EP	MANUFACTURE	MFG	SELF ADHESIVE	SA
APPROXIMATE	APPROX	EQUAL	EQ	MARK	MK	SHEATHING	SHTG
ARCHITECTURE	ARCH	EQUALLY SPACED	EQ SP	MASONRY OPENING	MO	SHEET	SHT
BEAM	BM	EQUIPMENT	EQUIP	MATERIAL	MAT	SHEET VINYL	SV
BENCH MARK	BM	EXISTING	EXIST	MECHANICAL	MECH	SIMILAR	SIM
BETWEEN	BTWN	EXPANSION	EXP	MINIMUM	MIN	SOLID CORE	SC
BLOCK	BLK	EXTERIOR	EXT	MISCELLANEOUS	MISC	SOUTH	S
BOARD	BD	EXTRUDE	EXTR	NEAR FACE	NF	SPECIFICATION	SPEC
BOTH SIDES	BS	FACE TO FACE	F/F	NEAR SIDE	NS	SPRUCE	SPR
BOTHWAYS	BW	FAR SIDE	FS	NORTH	N	SPRUCE, PINE OR FIR	SPR/P
BOTTOM	BOT	FIBREBOARD	FBRBD	NOT APPLICABLE	N/A	STAIN	ST
BUILDING	BLDG	FINISH	FIN	NOT IN CONTRACT	NIC	STAINLESS STEEL	SS
CARPET	CPT	FLOOR	FL	NOT TO SCALE	NTS	STANDARD	STD
CAST IRON	CI	FLOOR DRAIN	FD	NUMBER	NO	STEEL	STL
CEILING	CLG	FLOORING	FLG	ON CENTRE	O/C	STRUCTURAL	STRUCT
CEMENT BOARD	CBD	FLUORESCENT	FLR	OUT TO OUT	O/O	SQUARE FEET	SF
CENTRE	CTR	FOOTING	FTG	OUTSIDE DIAMETER	OD	TEMPORARY	TEMP
CENTRE TO CENTRE	C/C	FOUNDATION	FDN	OUTSIDE FACE	OF	THROUGH	THRU
CERAMIC TILE	CT	FULL SIZE	FS	OVERHEAD	OH	TO MATCH EXISTING	TME
CIRCLE	CIRC	GALVANIZED	GALV	PAINT	PT	TONGUE AND GROOVE	T&G
CLEAR	CLR	GALVANIZED IRON	GI	PAINTED	PTD	TOP AND BOTTOM	T&B
COLUMN	COL	GAUGE	GA	PARTITION	PTN	TOP OF	T/O
COMPLETE WITH	CW	GLASS	GL	PLYWOOD	PLYWD	TYPICAL	TYP
CONCRETE	CONC	HARDWARE	HDW	PREFAB	PC	UNDER SIDE	UIS
CONCRETE BLOCK	CBLK	HEIGHT	HGT	PREFABRICATED CONCRETE	PC CONC	UNDERCUT	UCUT
CONSTRUCTION	CONST	HEXAGON	HEX	PREFABRICATION	PREFAB	URINAL	UR
CONTINUOUS	CONT	HOLLOW CORE	HC	PREFINISHED	PREFIN	VAPOUR BARRIER	VB
CONTROL JOINT	CJ	HOLLOW METAL	HM	PRESSED STEEL	PS	VERTICAL	VERT
COUNTERSINK	CSK	HORIZONTAL	HORIZ	QUANTITY	QTY	VINYL ASBESTOS TILE	VAT
COVED SHEET VINYL	CSV	INCLUSIVE	INCL	QUARRY TILE	QT	VINYL COVE BASE	VCB
DETAIL	DTL	INSIDE DIAMETER	ID	RADIUS	R	VINYL TILE	VT
DEMOLISH	DEMO	INSIDE FACE	IF	RAINWATER LEADER	RWL	VINYL WALL COVERING	VWC
DIAGONAL	DIAG	INSULATE	INSUL	REFERENCE	REF	WATER CLOSET	WC
DIAMETER	DIA	INTERIOR	INT	REINFORCE	REINF	WEATHERSTRIPPING	WS
DIMENSION	DIM	JOINT	JT	RESILIENT	RESIL	WEIGHT	WT
DOOR	DR	JOIST	JST	REVERSE	RVS	WITH	W/
DOUBLE	DBL	KNOCK DOWN	KD	REVISION	REV	WITHOUT	W/O
DOWN	DN	LAMINATE	LAM	RIGHT HAND	RH	WOOD	WD

PROJECT TITLE
INTERIOR RENOVATIONS

SHEET TITLE
TITLE PAGE

DATE (YY/MM/DD)
14.02.16

SCALE
AS NOTED

LOCATION
THE PAS, MANITOBA

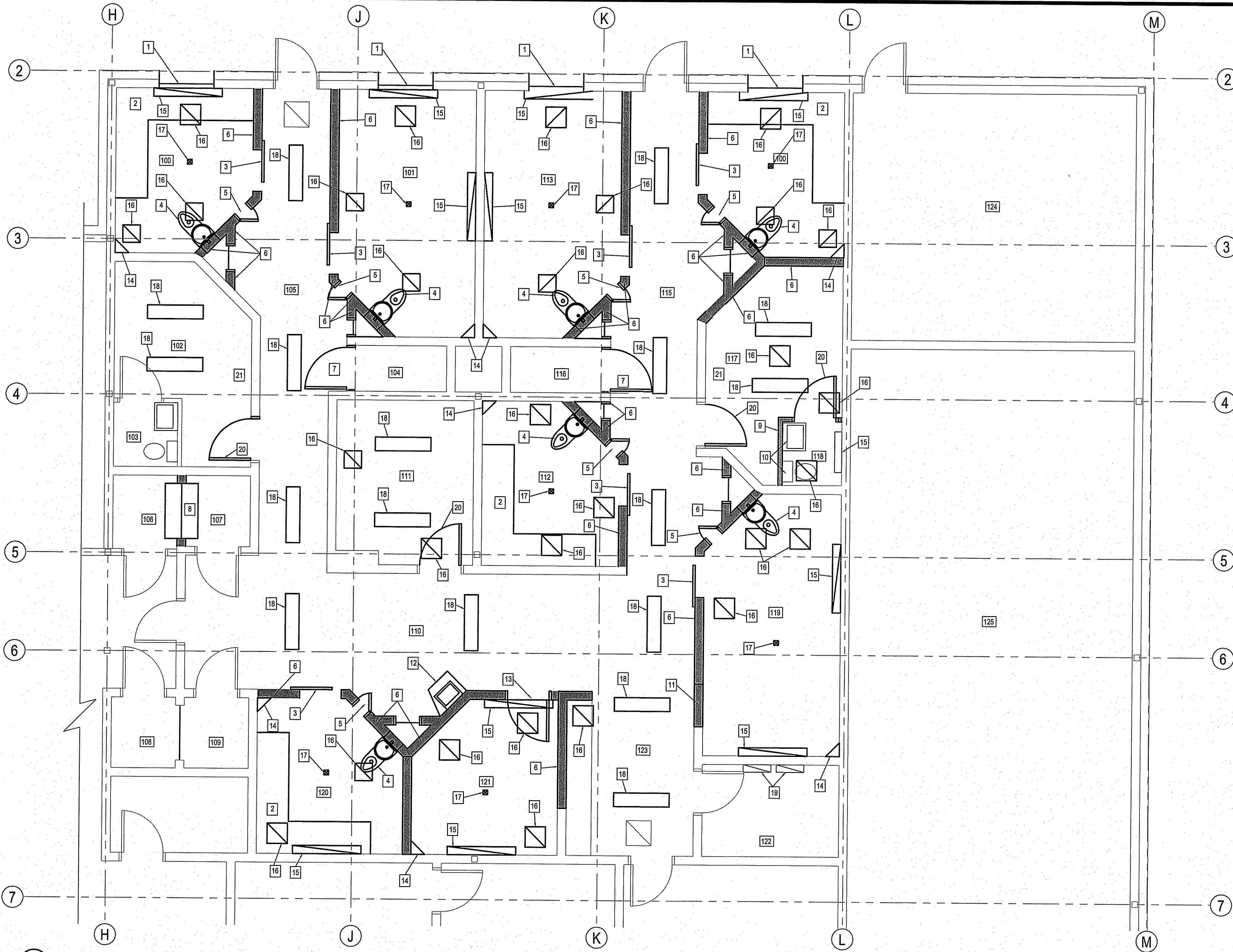
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A0.0

REVISION #:
14-001-01-30

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RS

JOB NO.
00



1 PARTIAL MAIN FLOOR PLAN
SCALE: 1/8"

LEGEND:

————— EXISTING WALL TO REMAIN

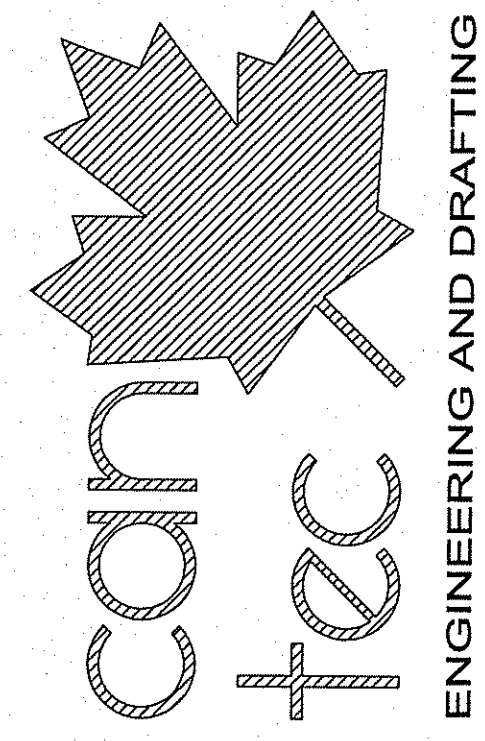
- - - - - EXISTING WALL TO BE REMOVED

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.

- DRAWING NOTES: #
- REMOVE EXISTING WINDOW
 - REMOVE EXISTING STEEL BUNKS AND FILE SMOOTH ALL EDGES
 - REMOVE EXISTING CELL DOOR
 - REMOVE EXISTING TOILET
 - REMOVE EXISTING VIEWING WINDOW
 - REMOVE EXISTING CONCRETE BLOCK WALL ALL THE WAY TO UNDER SIDE OF CEILING SLAB
 - REMOVE EXISTING DOOR AND FRAME AND SAW CUT WALL FLUSH
 - REMOVE WALL AND ALL MILLWORK BETWEEN ROOMS 106 AND 107 WALLS TO BE SAW CUT OR GROUND FLUSH
 - REMOVE EXISTING WASHROOM WALL AND DOOR
 - REMOVE ALL PLUMBING FIXTURES AND CUT BACK SERVICES TO MAINS AND CAP
 - REMOVE WALL SECTION FOR NEW DOOR
 - REMOVE EXISTING MILLWORK AND SINK, CUT BACK SERVICES TO MAIN AND CAP
 - REMOVE EXISTING DOOR
 - REMOVE EXISTING CAMERA HOUSING, CAMERA TO BE REMOVED BY OTHERS
 - REMOVE EXISTING CELL LIGHT
 - REMOVE EXISTING SECURITY GRILL
 - REMOVE EXISTING FIRE ALARM CAGE AND FIRE ALARM, RE-INSTALL AS PER ELECTRICAL
 - REMOVE EXISTING LIGHT
 - EXISTING ELECTRICAL PANELS
 - REMOVE EXISTING DOOR
 - REMOVE EXISTING MILLWORK

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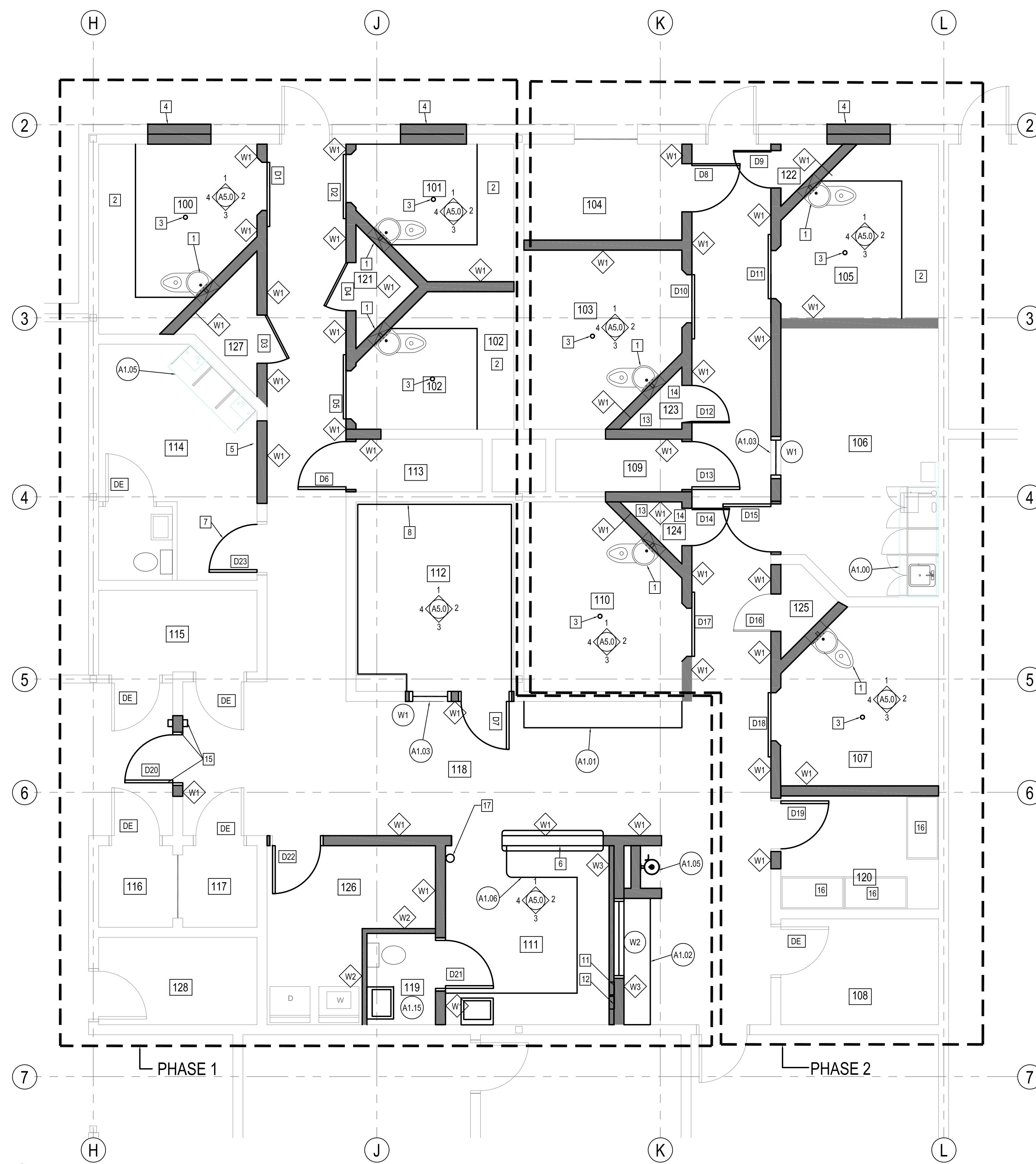
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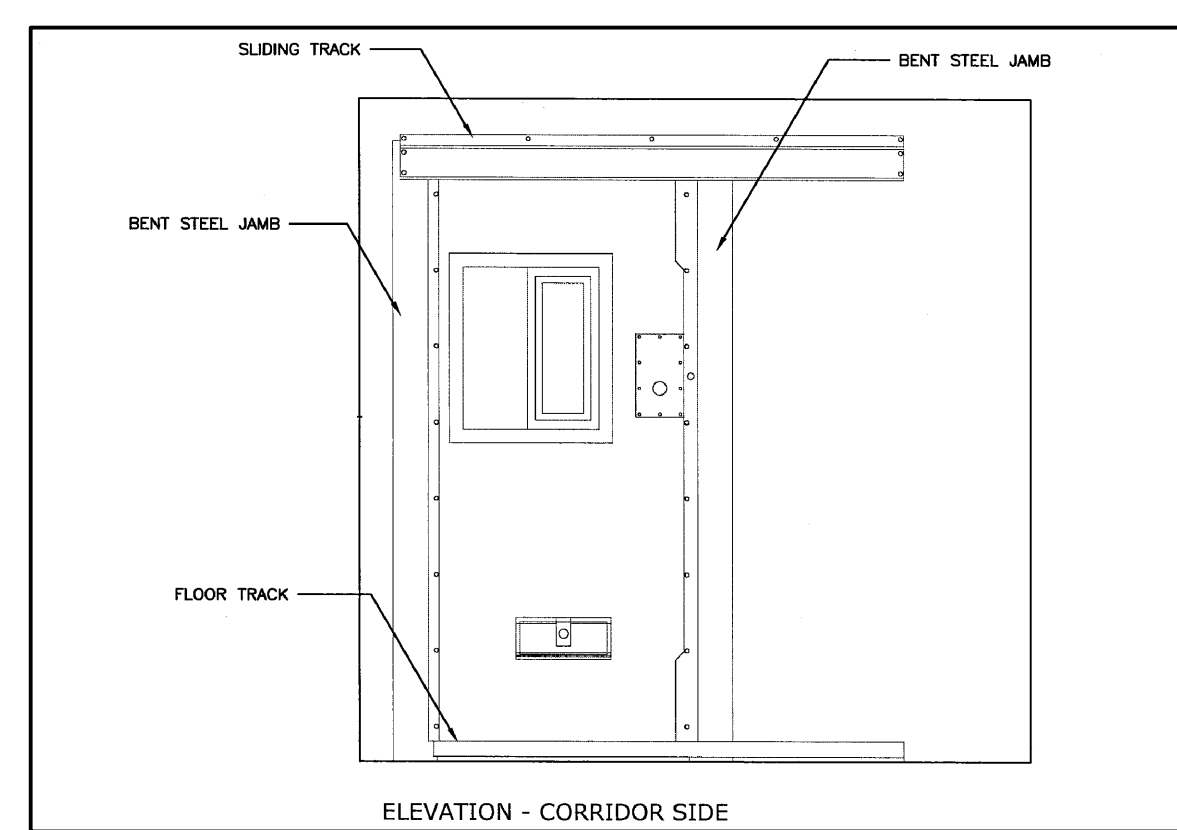
PROJECT TITLE: FACILITY BUILDING - INTERIOR RENOVATION
SHEET TITLE: MAIN FLOOR PLAN - DEMOLITION
DATE (Y/M/D): 14.02.16
SCALE: AS NOTED
DRAWN BY: RS
CHECKED BY: NC
LOCATION: THE PAS, MANITOBA

TENDER
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REVISION #: 00
JOB NO. 14-001-01-30

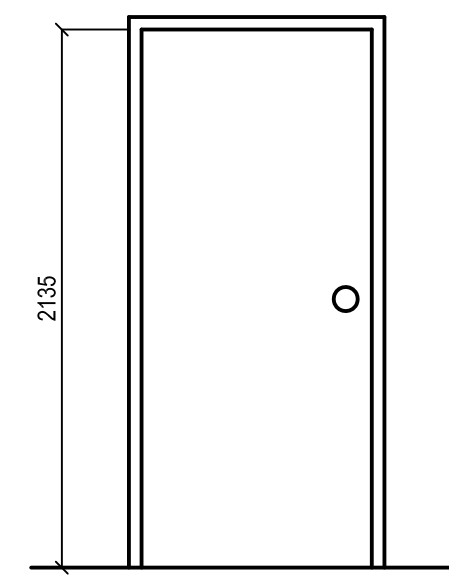


DOOR SCHEDULE															
MARK	SIZE	DOOR TYPE	DOOR ELEV.	DOOR CORE	DOOR FINISH	DOOR COLOR	DOOR GAUGE	DOOR MATERIAL	FRAME TYPE	FRAME FINISH	FRAME COLOR	FRAME GAUGE	HARDWARE	RATING	REMARKS
D1	914 X 2125	DETENTION	1	MANUF.	PAINTED	1	MANUF.	STEEL	MANUFACTURES	PAINTED	2	MANUF.		N/A	SEE SPECIFICATIONS
D2	914 X 2125	DETENTION	1	MANUF.	PAINTED	1	MANUF.	STEEL	MANUFACTURES	PAINTED	2	MANUF.		N/A	SEE SPECIFICATIONS
D3	810 X 1800	TYPE 1	4	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	1	N/A	
D4	810 X 1800	TYPE 1	4	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	1	N/A	
D5	914 X 2125	DETENTION	1	MANUF.	PAINTED	1	MANUF.	STEEL	MANUFACTURES	PAINTED	2	MANUF.		N/A	SEE SPECIFICATIONS
D6	914 X 2135	TYPE 1	3	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	2	N/A	
D7	914 X 2135	STC 46	2	MANUF.	PAINTED	1	MANUF.	STEEL	MANUF.	PAINTED	2	MANUF.	3	N/A	
D8	914 X 2135	TYPE 1	2	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	4	45 min	
D9	810 X 1800	TYPE 1	4	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	1	N/A	
D10	914 X 2125	DETENTION	1	MANUF.	PAINTED	1	MANUF.	STEEL	MANUFACTURES	PAINTED	2	MANUF.		N/A	SEE SPECIFICATIONS
D11	914 X 2125	DETENTION	1	MANUF.	PAINTED	1	16	STEEL	MANUFACTURES	PAINTED	2	MANUF.		N/A	SEE SPECIFICATIONS
D12	810 X 1800	TYPE 1	4	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	1	N/A	
D13	914 X 2135	TYPE 1	3	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	2	N/A	
D14	810 X 1800	TYPE 1	4	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	1	N/A	
D15	9140 X 2135	TYPE 1	2	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	5	N/A	
D16	810 X 1800	TYPE 1	4	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	1	N/A	
D17	914 X 2125	DETENTION	1	MANUF.	PAINTED	1	MANUF.	STEEL	MANUFACTURES	PAINTED	2	MANUF.		N/A	SEE SPECIFICATIONS
D18	914 X 2125	DETENTION	1	MANUF.	PAINTED	1	MANUF.	STEEL	MANUFACTURES	PAINTED	2	MANUF.		N/A	SEE SPECIFICATIONS
D19	914 X 2135	TYPE 1	2	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	6	45 min	
D20	914 X 2135	TYPE 1	2	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	7	1 1/2 hr	
D21	762 X 2135	TYPE 1	2	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	8	N/A	
D22	914 X 2135	TYPE 1	2	HOLLOW	PAINTED	1	16	STEEL	WELDED	PAINTED	2	14	9	45 min	
D23	914 X 2135	STC 46	2	MANUF.	PAINTED	1	MANUF.	MANUF.	MANUF.	PAINTED	2	MANUF.	10	N/A	
DE	EXISTING DOOR														

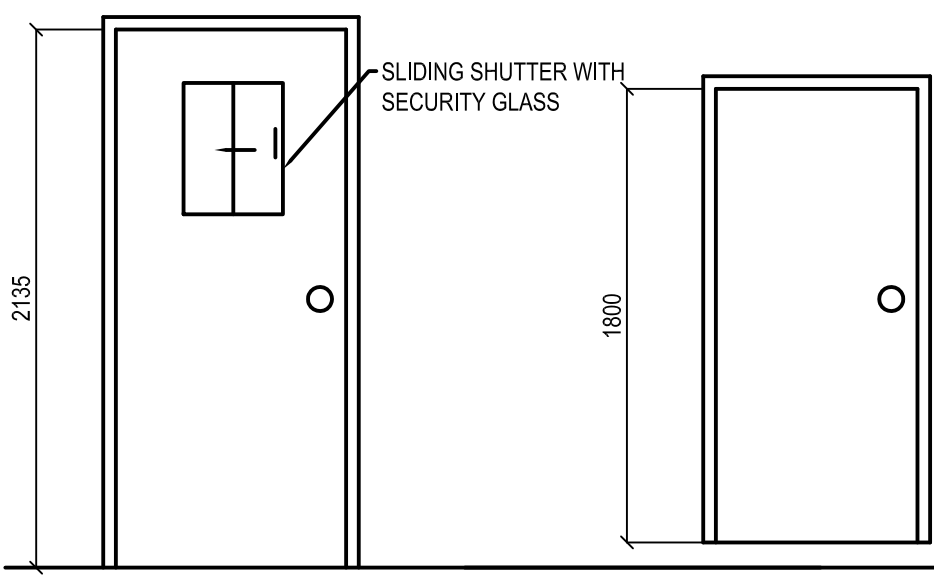
DOOR TYPES



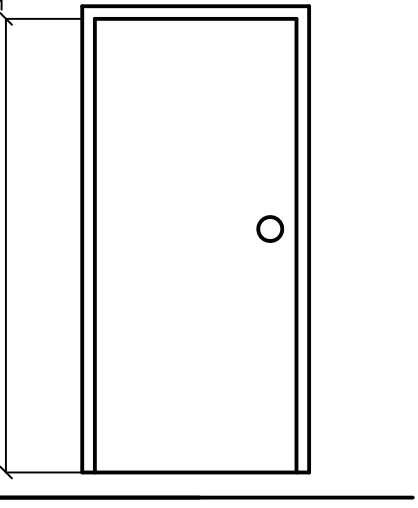
DETENTION DOOR - DOOR TYPE 1



DOOR TYPE 2



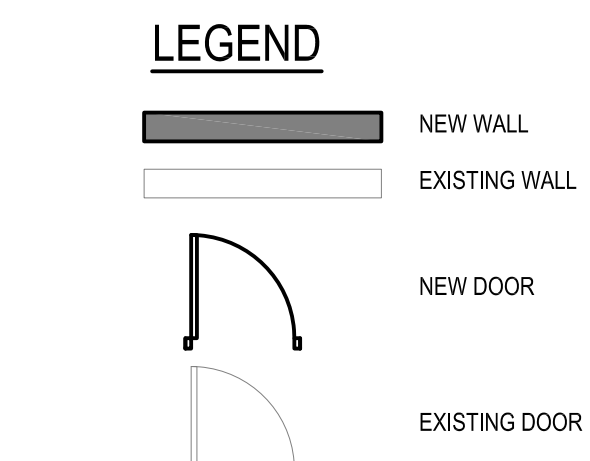
DOOR TYPE 3



DOOR TYPE 4

ROOM SCHEDULE																
ROOM #	ROOM NAME	FLOOR		WALLS								CEILING		REMARKS		
		MATERIAL	BASE	NORTH		EAST		SOUTH		WEST		MATERIAL	FINISH			
100	CELL 1	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
101	CELL 2	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
102	CELL 3	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
103	CELL 4	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
104	STORAGE	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
105	CELL 5	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
106	BREATH TEST ROOM	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
107	CELL 6	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
108	JANITORS ROOM	EXIST	-	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
109	SHOWER ROOM	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
110	CELL 6	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
111	GUARD AREA	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
112	SECURE INTERVIEW ROOM	QUARTZ	COVE	CMU BLOCK	GLAZED/ACOUSTIC TILE	CMU BLOCK	GLAZED/ACOUSTIC TILE	CMU BLOCK	GLAZED/ACOUSTIC TILE	CMU BLOCK	GLAZED/ACOUSTIC TILE	CMU BLOCK	GLAZED/ACOUSTIC TILE	CONCRETE	GLAZED	ROOM TO HAVE ACOUSTIC TILE FROM CEILING TO 36" ABOVE FLOOR SEE SPEC FOR TYPE
113	SHOWER ROOM	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
114	MONITOR ROOM	EXIST	-	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CONCRETE	GLAZED	
115	FINGER PRINT AREA	QUARTZ	COVE	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CONCRETE	GLAZED	
116	VISITOR INT	EXIST	-	CMU BLOCK	EXIST	CMU BLOCK	EXIST	CMU BLOCK	EXIST	CMU BLOCK	EXIST	CMU BLOCK	EXIST	CONCRETE	EXISTING	
117	VISITOR INT	EXIST	-	CMU BLOCK	EXIST	CMU BLOCK	EXIST	CMU BLOCK	EXIST	CMU BLOCK	EXIST	CMU BLOCK	EXIST	CONCRETE	EXISTING	
118	PATROL CORRIDOR	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
119	GUARD WASHROOM	QUARTZ	COVE	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	DRYWALL	PAINTED	DRYWALL	PAINTED	CONCRETE	PAINTED	CONCRETE	PAINTED	
120	STORAGE ROOM	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
121	MECHANICAL CHASE	CONC.	-	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CONCRETE	PAINTED	
122	MECHANICAL CHASE	CONC.	-	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CONCRETE	PAINTED	
123	MECHANICAL CHASE	CONC.	-	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CONCRETE	PAINTED	
124	MECHANICAL CHASE	CONC.	-	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CONCRETE	PAINTED	
125	MECHANICAL CHASE	CONC.	-	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CONCRETE	PAINTED	
126	FOOD PREP/STORAGE	QUARTZ	COVE	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CMU BLOCK	GLAZED	CONCRETE	GLAZED	
127	MECHANICAL CHASE	CONC.	-	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CONCRETE	PAINTED	
128	STORAGE ROOM	EXIST	EXIST	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CMU BLOCK	PAINTED	CONCRETE	PAINTED	NO WORK TO BE DONE

1 PARTIAL MAIN FLOOR PLAN SCALE: 1/8" = 1'-0"



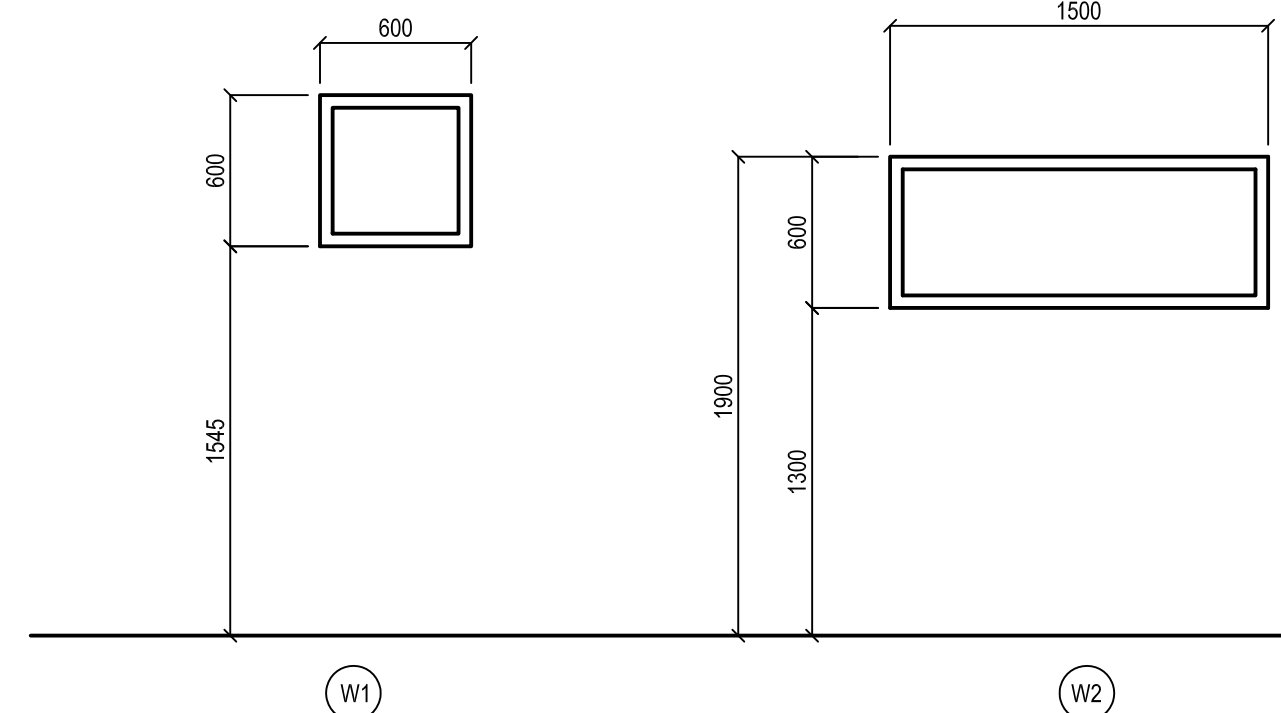
DRAWING NOTES: #

- NEW TOILET
- NEW CONCRETE BUNKS SEE DETAIL 1 SHEET A4.0
- NEW FLOOR DRAINS
- IN-FILL EXISTING WINDOW SEE DETAIL 5 AND 6 SHEET A4.0
- IN-FILL EXISTING WALL SECTION
- NEW OPENING FOR GUARD DESK
- INSTALL NEW SOUND RATED DOOR AND FRAME. INSTALL NEW DOOR IN EXISTING OPENING SITE VERIFY DIMENSIONS.
- ACOUSTIC PANELS ON WALLS SEE SHEET A4.1 FOR DETAILS
- NEW BENCH
- NEW STAINLESS STEEL COUNTER AT GUARD DESK
- FIRE ALARM ANNUNCIATOR PANEL
- FAN CONTROL PANEL
- CORE HOLES FOR SANITARY DRAINS THROUGH EXISTING SLAB PRIOR TO BLOCK WORK BEING DONE TO ENSURE THAT CONCRETE BEAMS BLOW ARE CLEARED. REPORT ANY INTERFERENCE TO ENGINEER.
- RE-USE EXISTING SANITARY PIPE DO NOT CORE NEW HOLE WITHOUT CONSULTING STRUCTURAL ENGINEER
- INSTALL NEW DOOR AND FRAME ALONG WITH HEAVY DUTY ELECTRIC STRIKE AND CARD READER WIRING AND SINGLE GANG DEVICE BOXES ON EITHER SIDE OF DOOR. MODIFY BLOCK WALL TO INSTALL CONDUITS AS REQUIRED
- 1200 X 610 - STEEL SHELVING SEE SPECIFICATION FOR DETAILS
- NEW - WALL MOUNT 10LB ABC FIRE EXTINGUISHER

WALL SCHEDULE

- W1 2 HOUR RATED 190 CMU
- W2 1 HOUR RATED WALL 2 LAYERS - 16MM F.G. DRYWALL 152 MM STEEL STUDS @ 400 O.C. 16 MM F.G. DRYWALL
- W3 1 HOUR RATED WALL 1 LAYERS - 16MM F.G. DRYWALL 92 MM STEEL STUDS @ 400 O.C. 190 CMU

WINDOW ELEVATIONS



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1948 MAIN STREET, WINNIPEG, MANITOBA
THE (204) 943-7222 Fax: (204) 947-2717

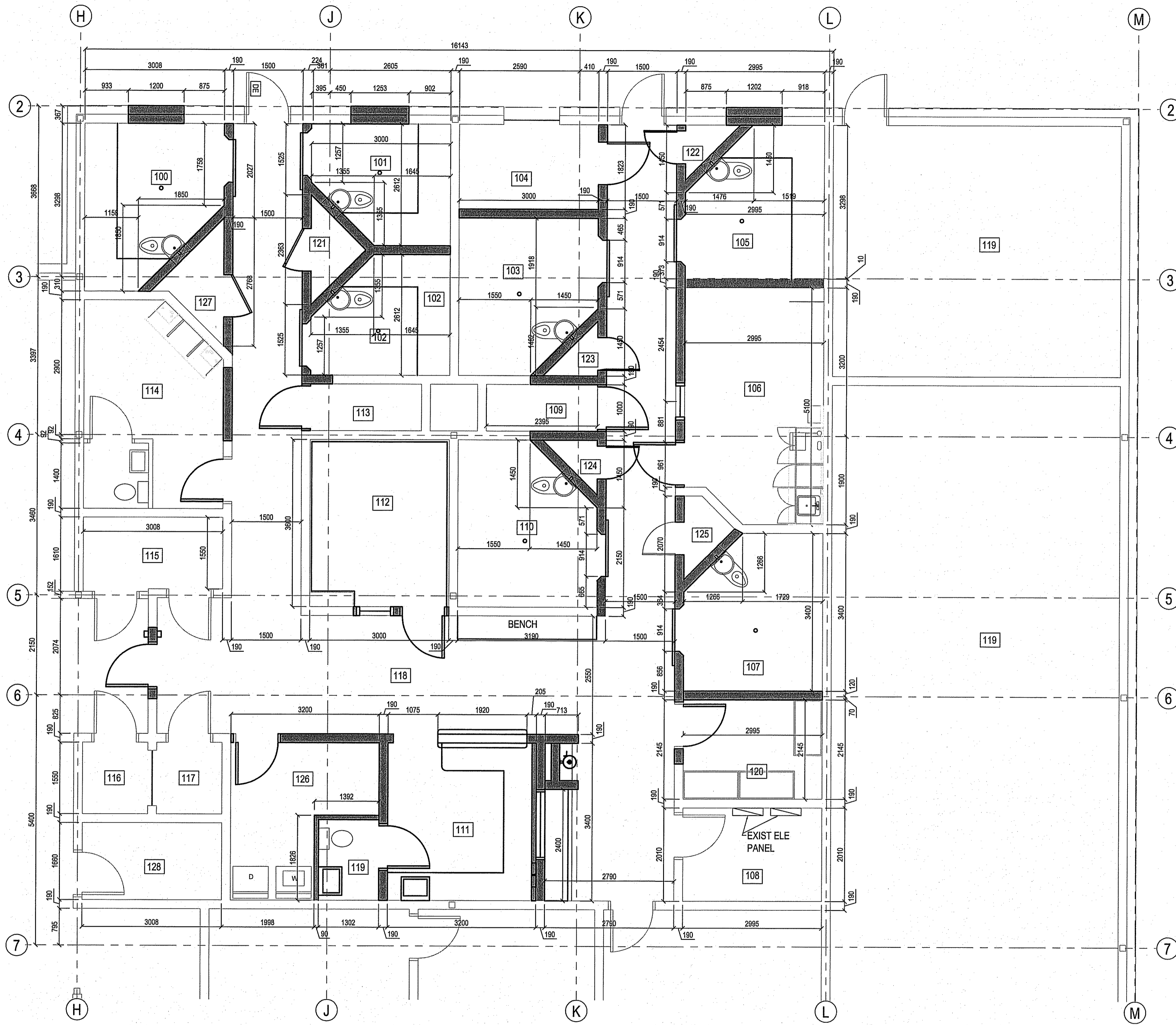
ISSUED FOR TENDER 14.02.16
REVISED FOR 50% REVIEW 14.02.16
DATE (YY-MM-DD) 14.02.16
REV.# 1
JOB NO. 14-001-01-30

FACILITY BUILDING - INTERIOR RENOVATION
MAIN FLOOR PLAN - NOTES

PROJECT TITLE: FACILITY BUILDING - INTERIOR RENOVATION
SHEET TITLE: MAIN FLOOR PLAN - NOTES
DATE (YY-MM-DD): 14.02.16
LOCATION: THE PAS, MANITOBA

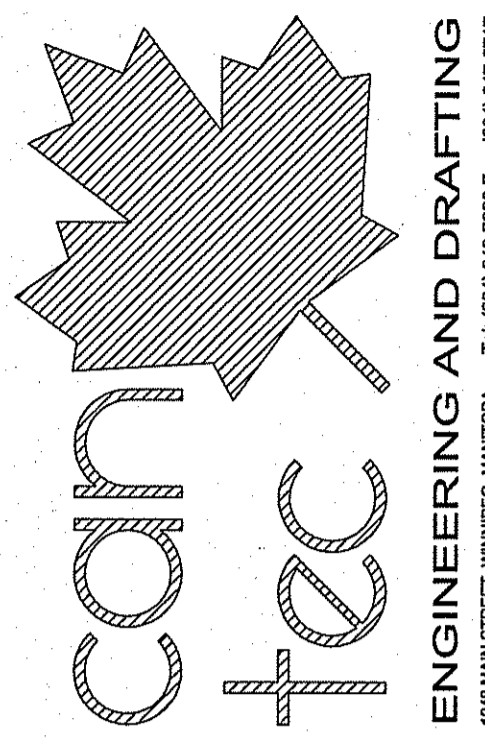
CHECKED BY: NC
DRAWN BY: RS
SCALE: AS NOTED

TENDER A2.0
REVISION #: 00
JOB NO. 14-001-01-30



1 PARTIAL MAIN FLOOR PLAN
SCALE: 1/8" = 1'-0"

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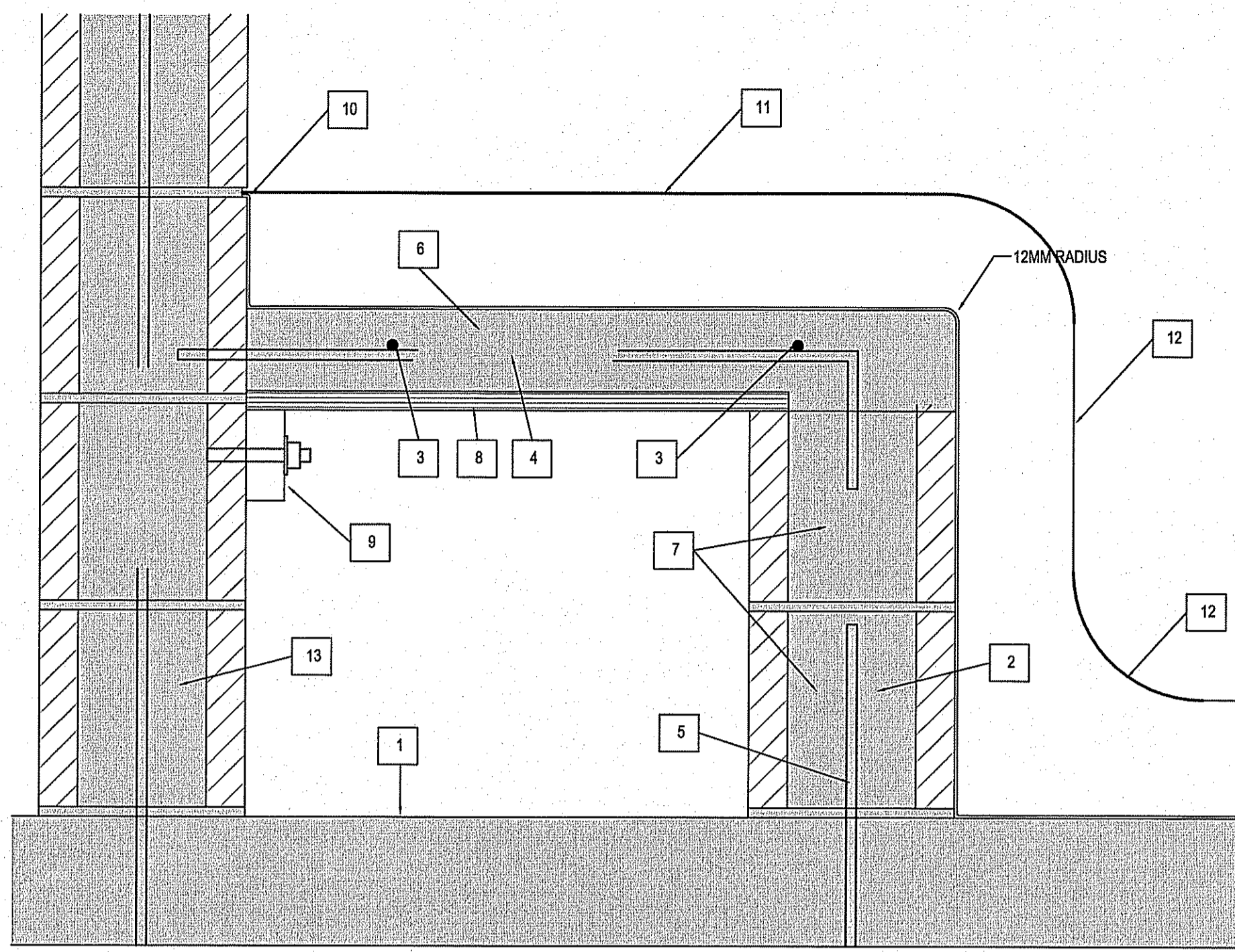


ISSUED FOR TENDER 11/29/13
ISSUED FOR 50% REVIEW 11/21/14
REVISION
DATE/TIME/USER
REVISION
DATE/TIME/USER

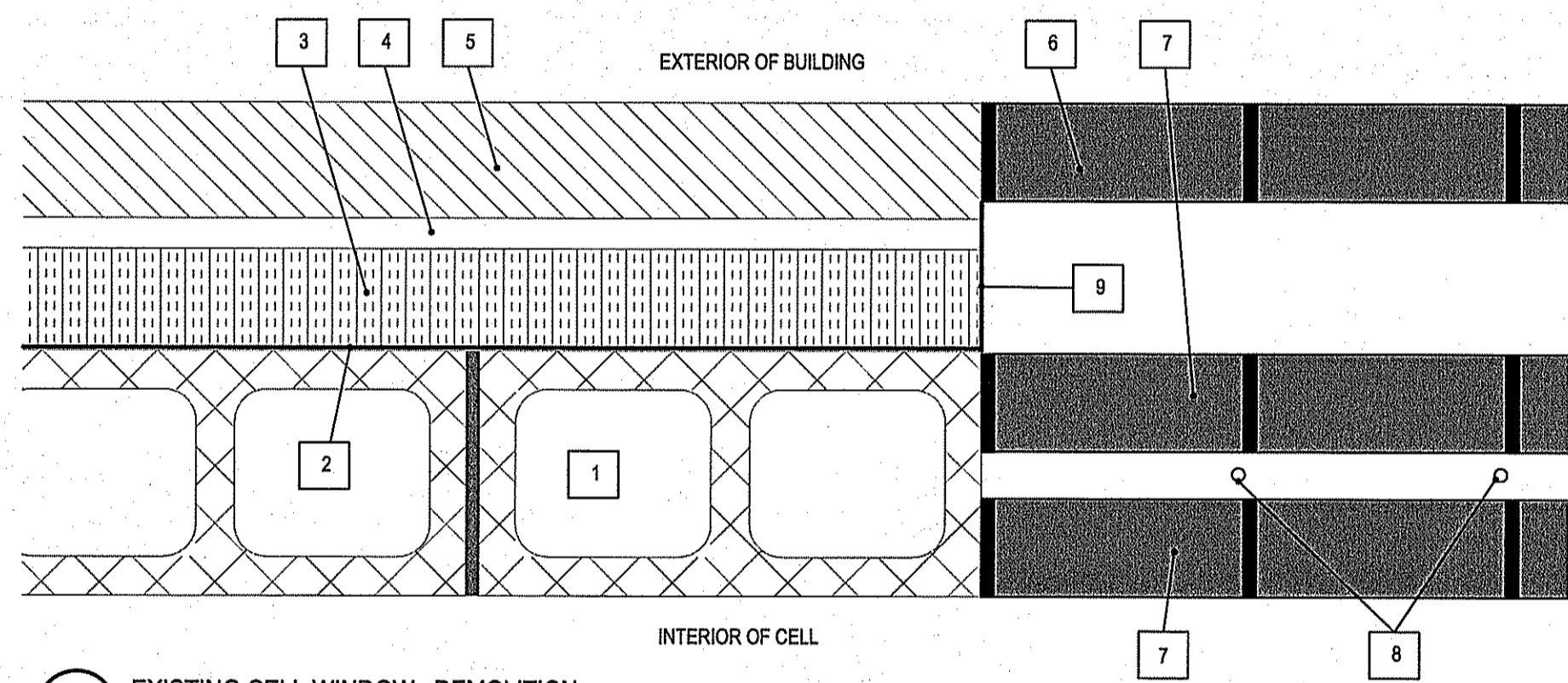
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SHEET TITLE: MAIN FLOOR PLAN - DIMENSIONS
DATE (Y/M/D): 14-02-16
SCALE: AS NOTED
LOCATION: THE PAS, MANITOBA
DRAWN BY: RS
CHECKED BY: NC

TENDER
A2.1
REVISION #: 00
JOB NO. 14-001-01-30

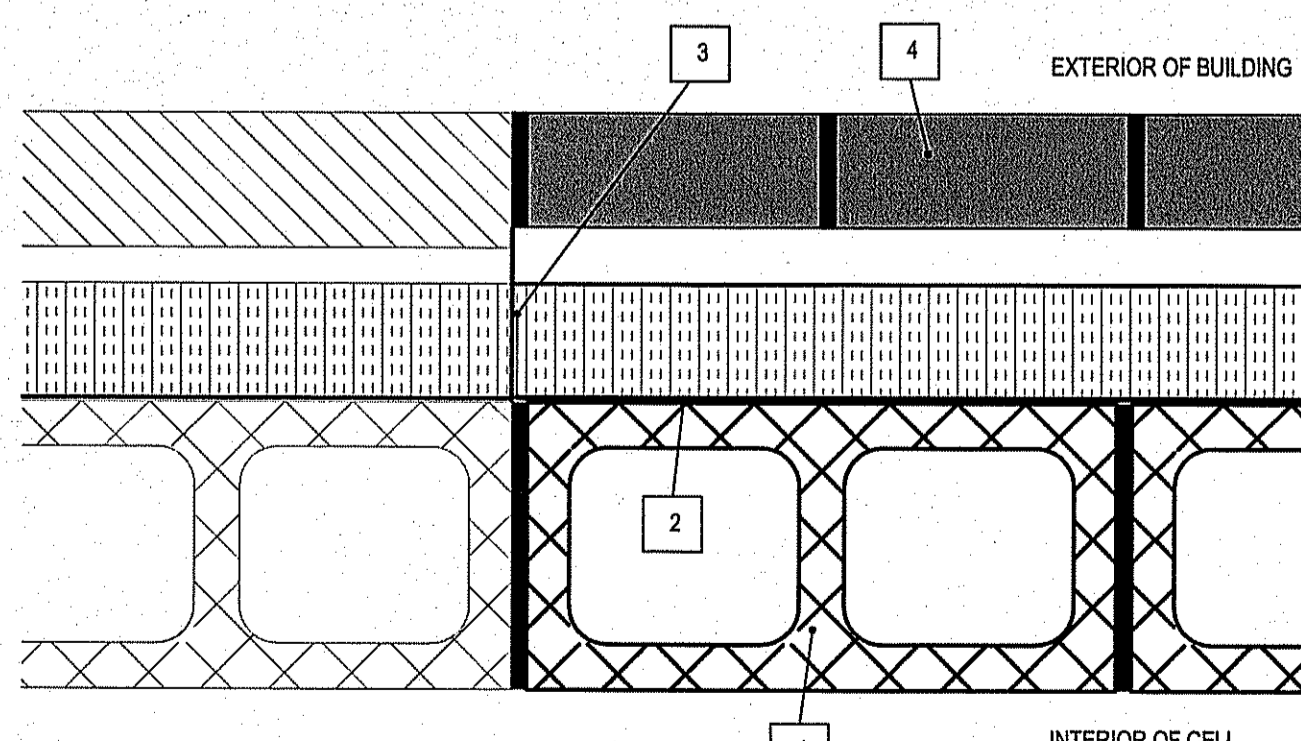


1 TYPICAL CELL BUNK
SCALE: 1:5



5 EXISTING CELL WINDOW - DEMOLITION
SCALE: 1:5

- DRAWINGS NOTES:** ##
- EXISTING 190 CMU
 - EXISTING AVB
 - EXISTING 75 RIGID INSULATION
 - EXISTING 24 AIR SPACE
 - EXISTING 90 BRICK VENEER
 - REMOVE EXISTING STANDARD GLASS BLOCKS
 - REMOVE EXISTING SOLD GLASS BLOCKS
 - REMOVE EXISTING SECURITY BARS
 - EXISTING METAL CLOSURE ALL 4 SIDES TO REMAIN

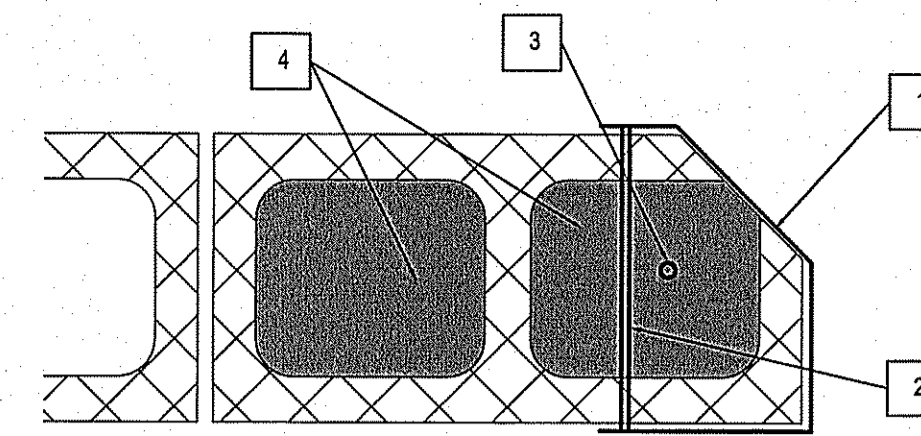


6 EXISTING CELL WINDOW - IN-FILL
SCALE: 1:5

- DRAWINGS NOTES:** ##
- NEW 190 CMU
 - NEW STICK ON AVB
 - CAULK NEW AVB TO EXISTING METAL CLOSURE STRIP
 - NEW STANDARD GLASS BLOCK (TYPE TO MATCH EXISTING)

DRAWINGS NOTES: ##

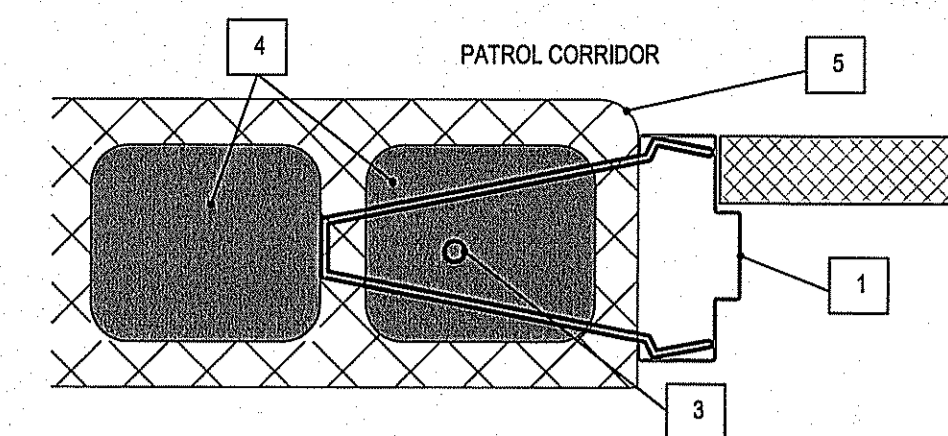
- LINE OF FLOOR
- CONCRETE FILL BLOCK CORE AS SHOWN
- #10M CONTINUOUS @ 250 O.C.
- #10M REBAR @ 400 O.C. DRILL AND EPOXY GROUT INTO EXISTING WALL
- #10M DOWELS @ 400 O.C. ANCHORED INTO FLOOR
- CONCRETE OVER PLYWOOD
- CONCRETE MASONRY UNIT
- 19MM TREATED PLYWOOD
- 38 X 89 CONTINUOUS WOOD BLOCKING CW 16MM DIA ANCHOR BOLTS @ 400MM O.C.
- SEAMLESS EPOXY QUARTZ FLOORING TURNED INTO RAKED FIRST JOINT. (CREATE JOINT AS REQUIRED)
- RAKED BLOCK JOINT FOR EPOXY QUARTZ FLOOR
- CUT BLOCK TO CREATE JOINT TO BE RAKED
- EXISTING BLOCK WALL



2 TYPICAL CELL DOOR JAMB DETAIL
SCALE: 1:5

DRAWINGS NOTES: ##

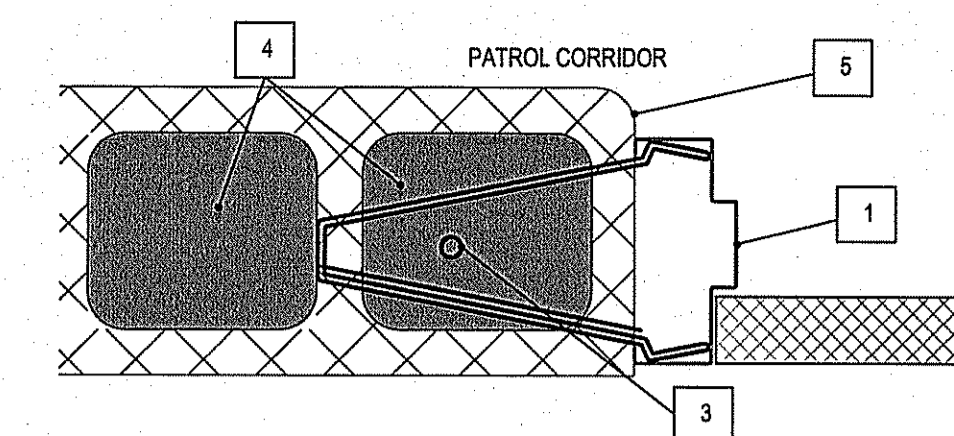
- STEEL CELL FLOOR JAMB
- 9 MM STEEL BAR ANCHORS, FACTORY WELDED (5 PER JAMB)
- 15M CONTINUOUS RE-BAR TIED INTO WALL
- FILL CORE WITH CONCRETE



3 DOOR FRAME DETAIL - DOORS D3, D4, D9, D12, D14, D16
SCALE: 1:5

DRAWINGS NOTES: ##

- STEEL WELDED DOOR FRAME
- STEEL DOOR
- 15M CONTINUOUS RE-BAR TIED INTO WALL
- FILL 2 CORES WITH CONCRETE
- BULLNOSE CMU

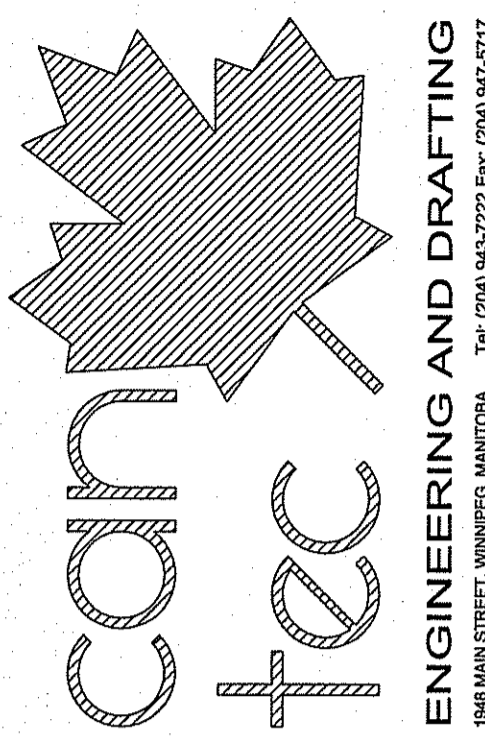


4 TYPICAL DOOR DETAIL
SCALE: 1:5

DRAWINGS NOTES: ##

- STEEL WELDED DOOR FRAME
- STEEL DOOR
- 15M CONTINUOUS RE-BAR TIED INTO WALL
- FILL 2 CORES WITH CONCRETE
- BULLNOSE CMU

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DATE (Y/M/D) | REV. # | REVISION

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PROJECT TITLE: FACILITY BUILDING - INTERIOR RENOVATION

SHEET TITLE: DETAILS

DATE (Y/M/D): 14-02-16

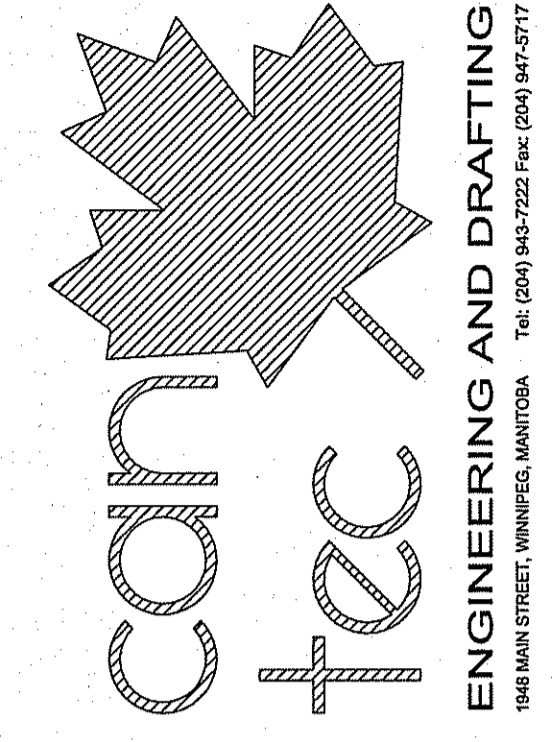
SCALE: AS NOTED

LOCATION: THE PAS, MANITOBA

TENDER A4.0

REVISION # 00
JOB NO. 14-001-01-30

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 http://www.canteconservices.com

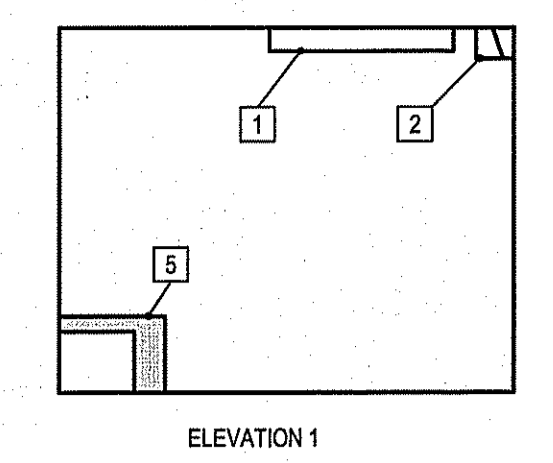


ISSUED FOR TENDER 14/02/16
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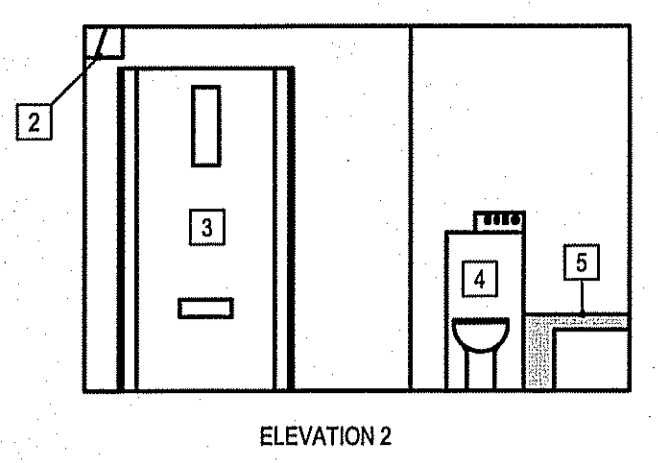
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 SHEET TITLE: DETAILS
 DATE OF PUBLISHING: 14/02/16
 LOCATION: THE PAS, MANITOBA
 DRAWN BY: NC
 CHECKED BY: RS
 SCALE: AS NOTED

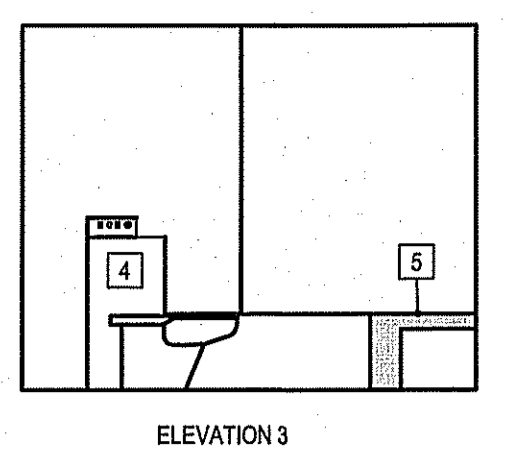
TENDER
A4.1
 REVISION #:
 JOB NO. 14-001-01-30



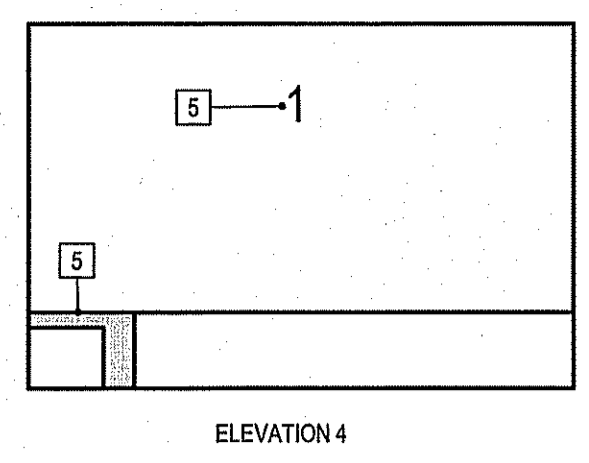
1 INTERIOR ELEVATION RM 100
 SCALE: 1/50



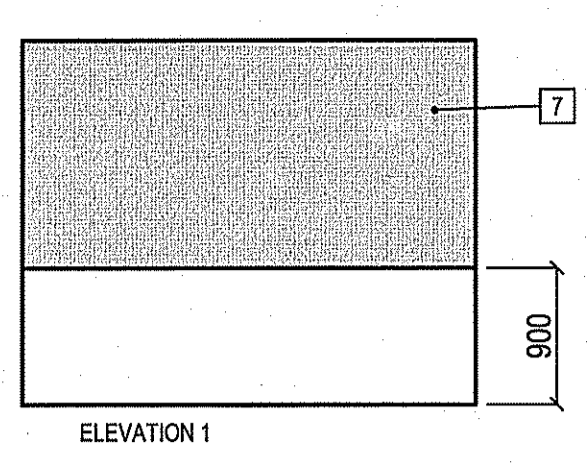
ELEVATION 2



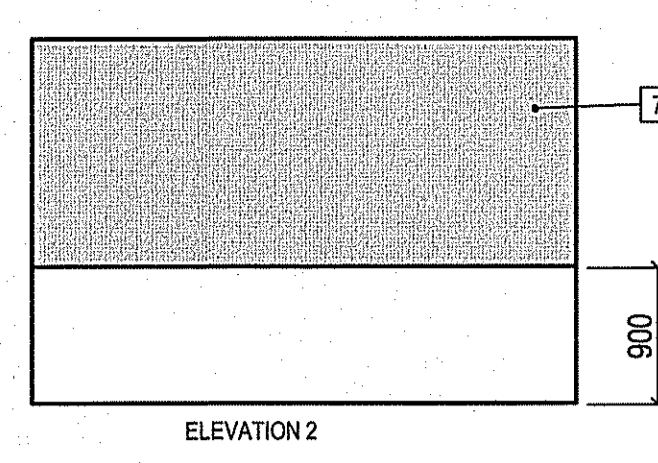
ELEVATION 3



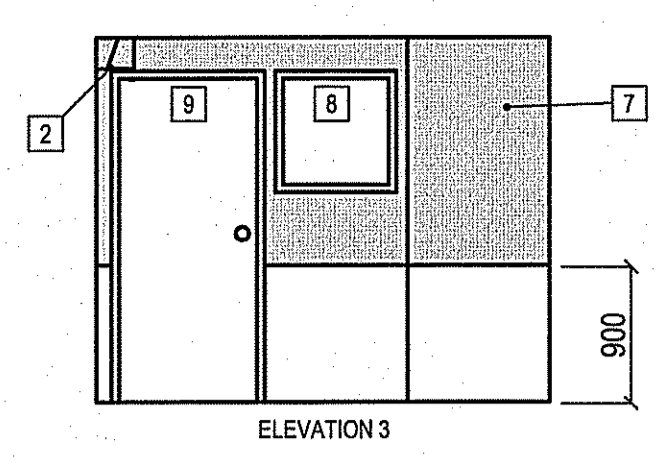
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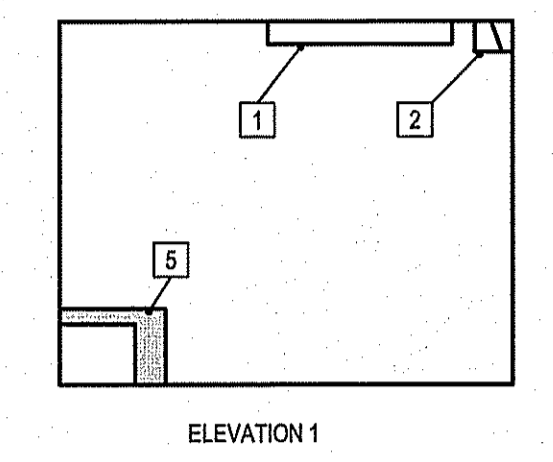
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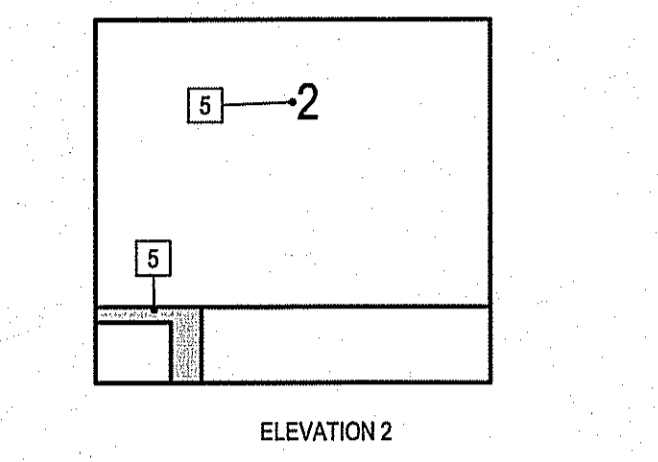
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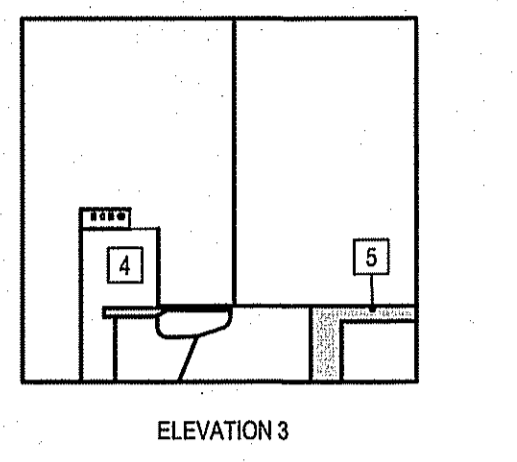
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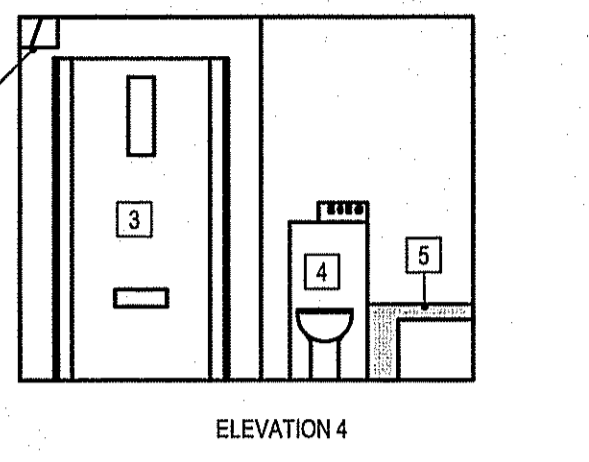
2 INTERIOR ELEVATION RM 101
 SCALE: 1/50



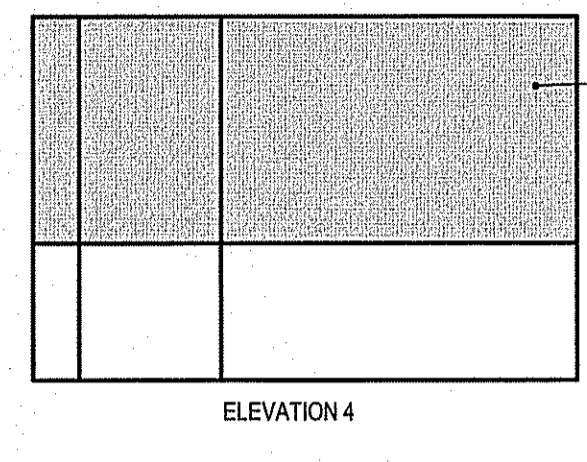
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ELEVATION 3



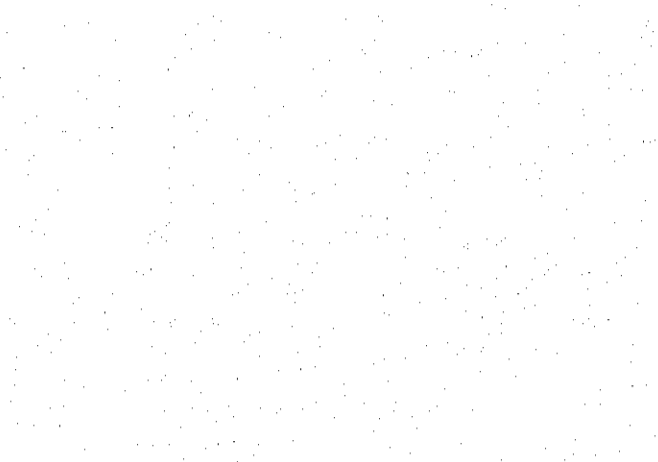
ELEVATION 4



ELEVATION 1

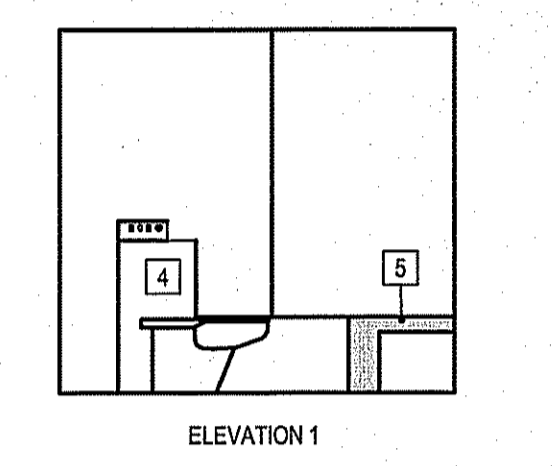


ELEVATION 2

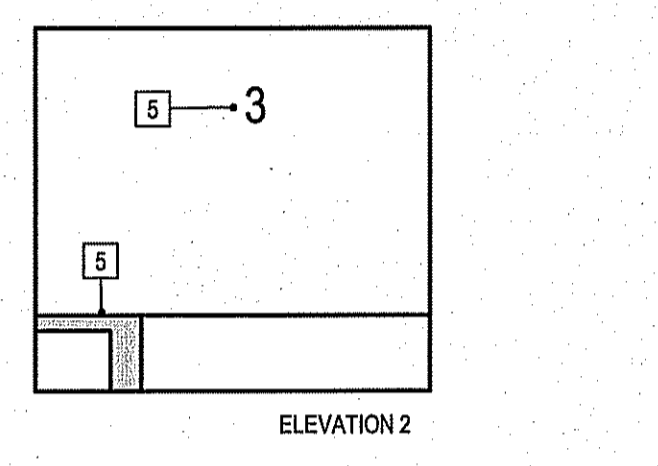


ELEVATION 3

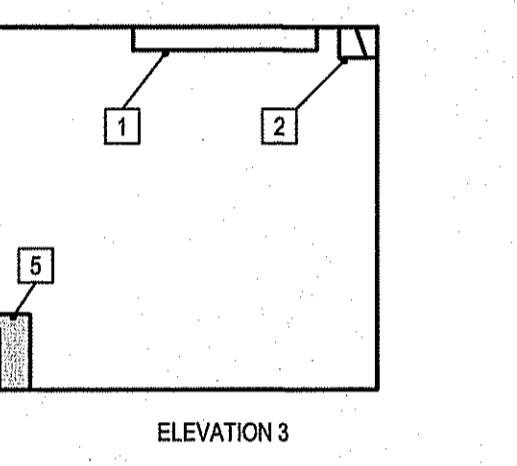
8 INTERIOR ELEVATION RM 112
 SCALE: 1/50



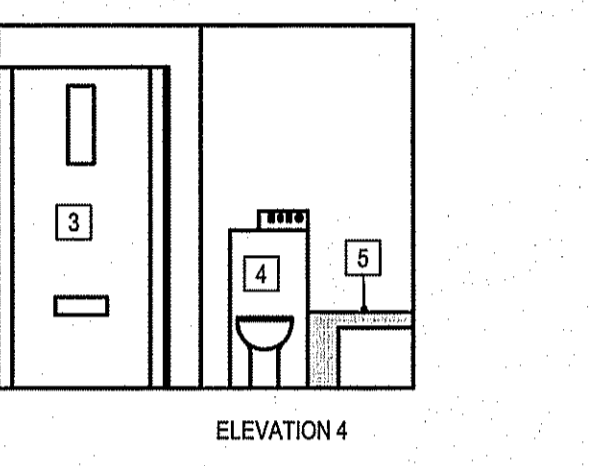
3 INTERIOR ELEVATION RM 102
 SCALE: 1/50



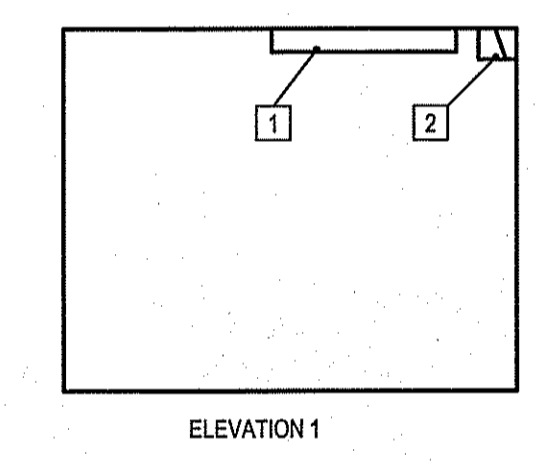
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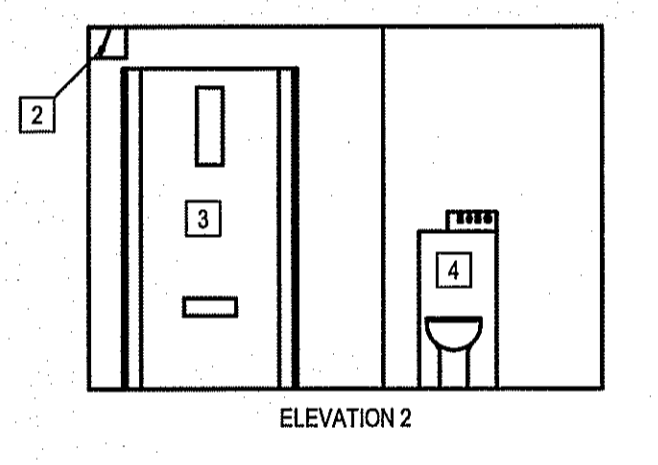
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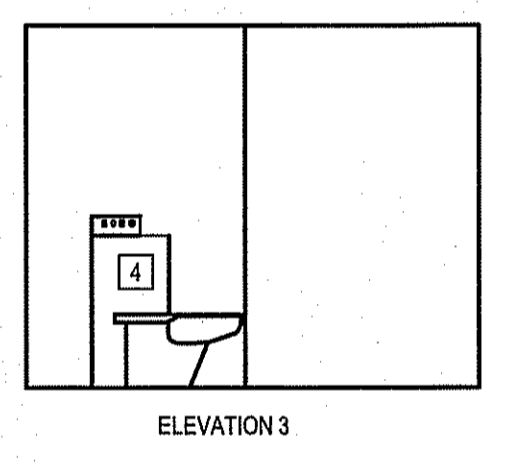
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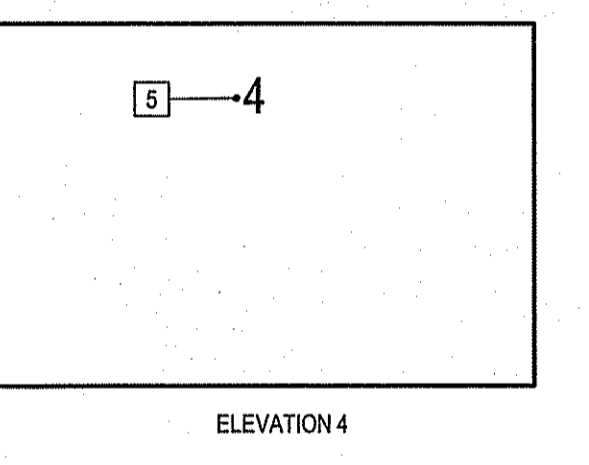
4 INTERIOR ELEVATION RM 103
 SCALE: 1/50



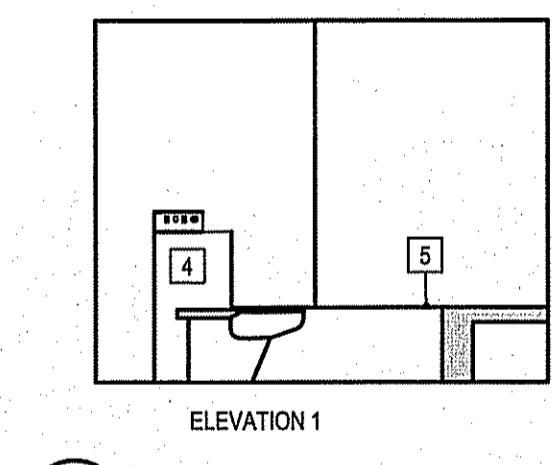
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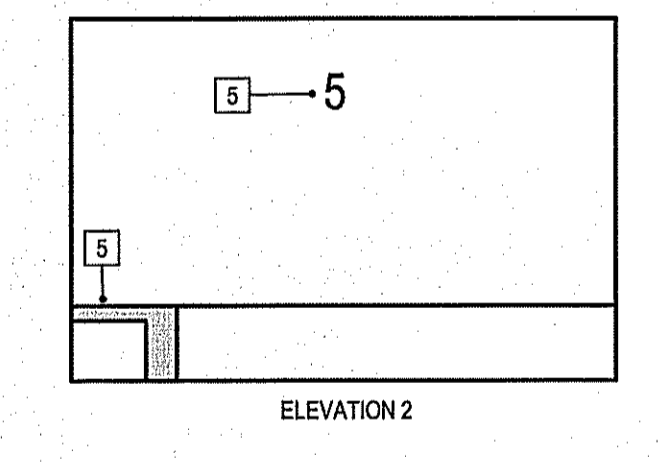
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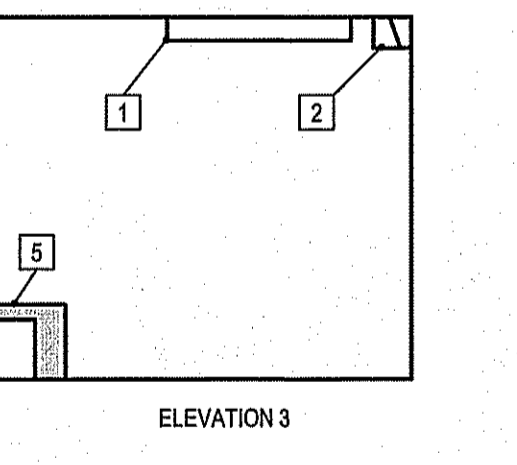
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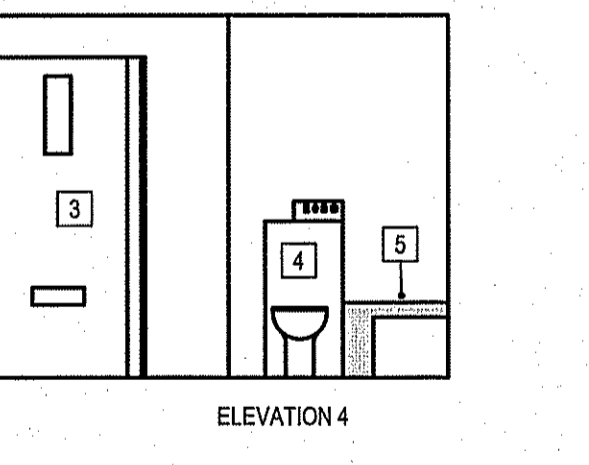
5 INTERIOR ELEVATION RM 105
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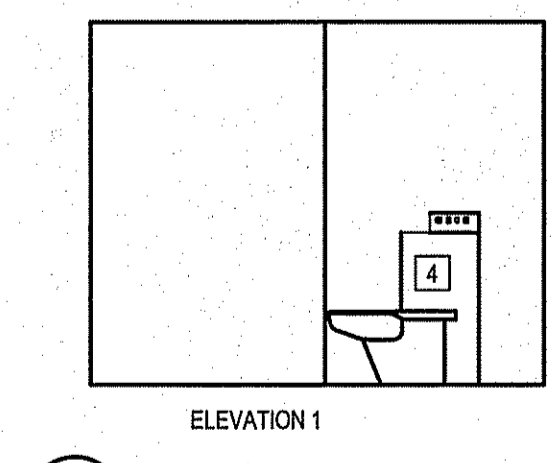
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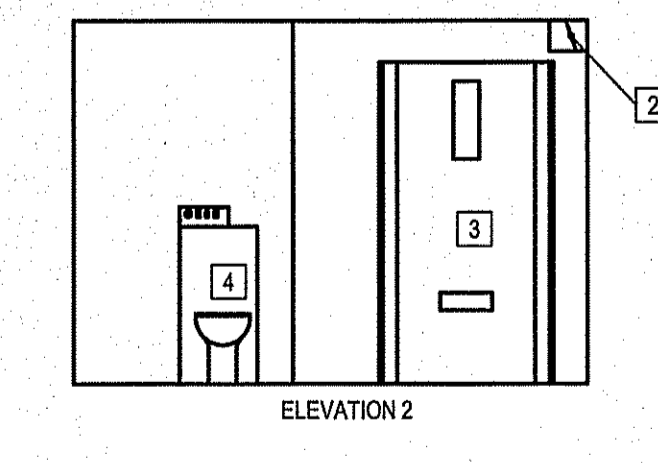
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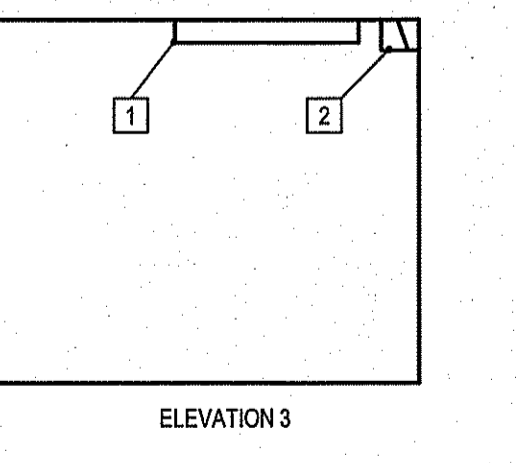
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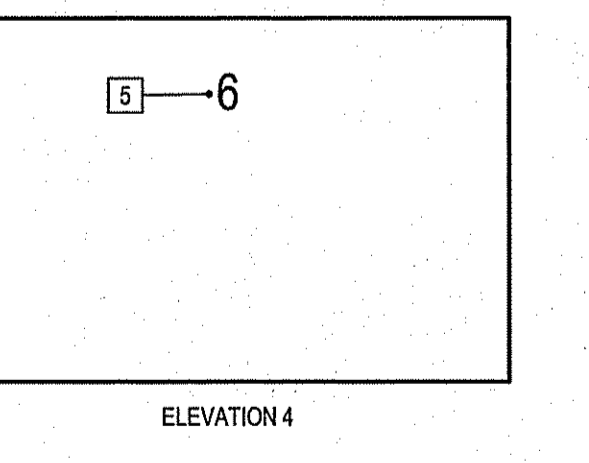
6 INTERIOR ELEVATION RM 107
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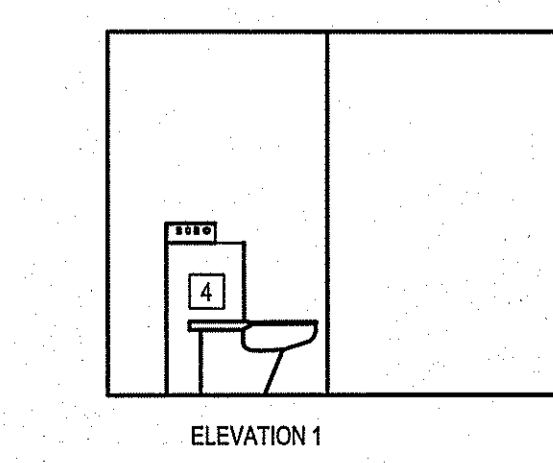
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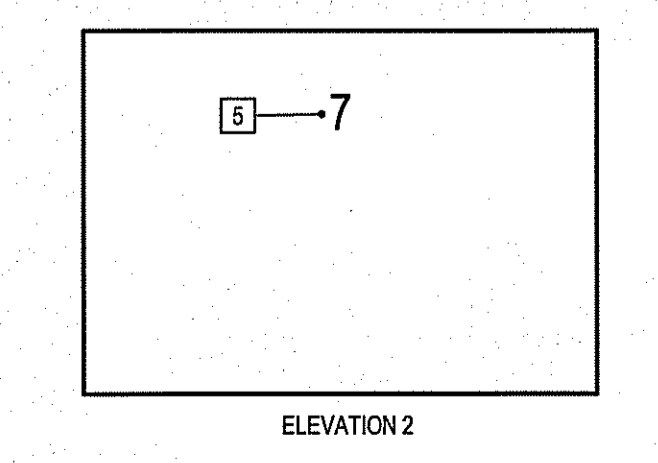
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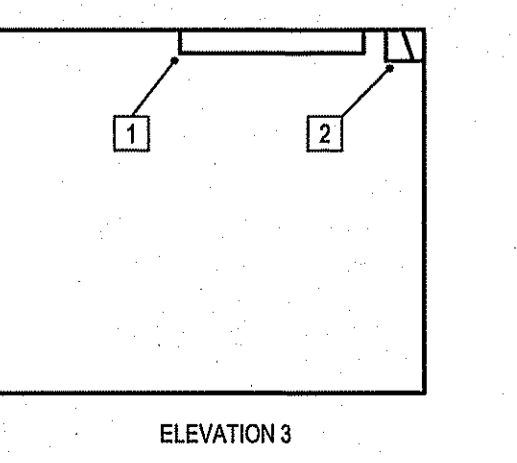
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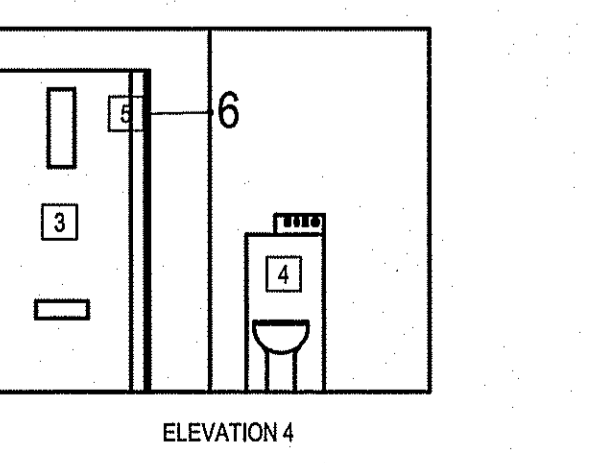
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ELEVATION 2

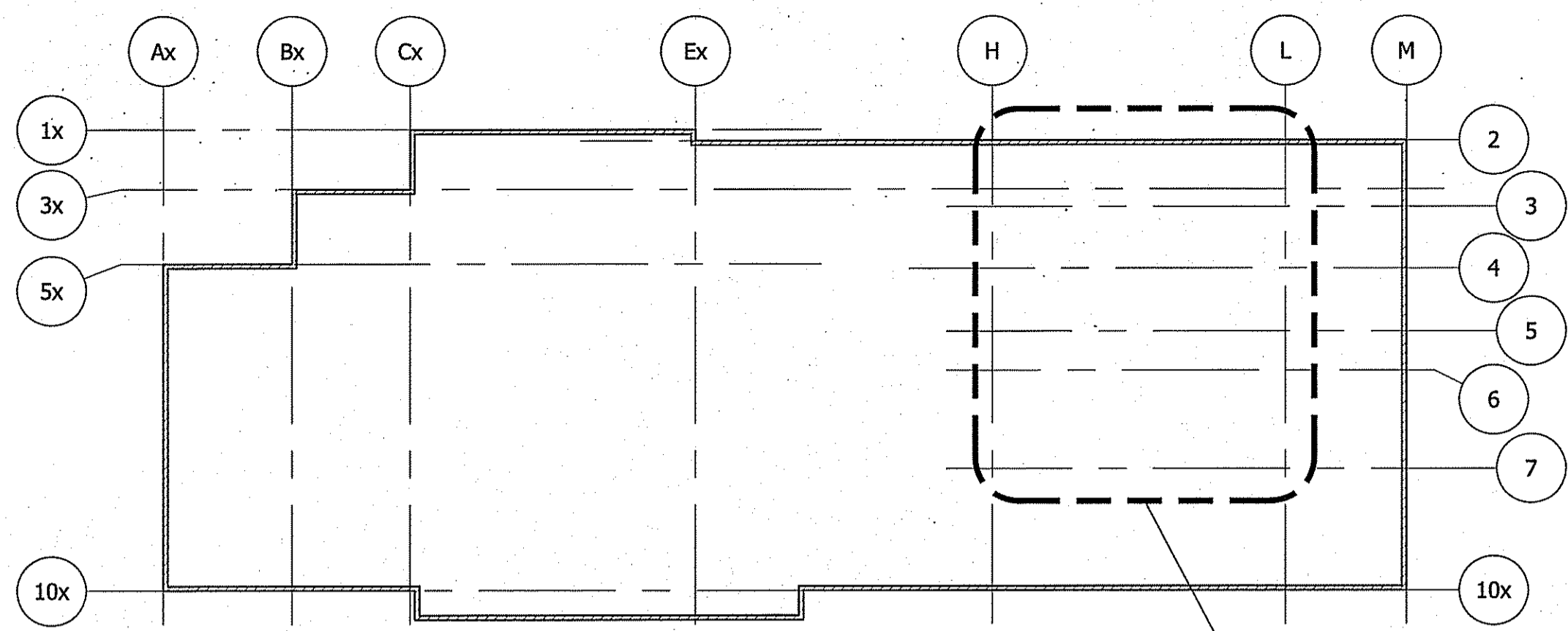


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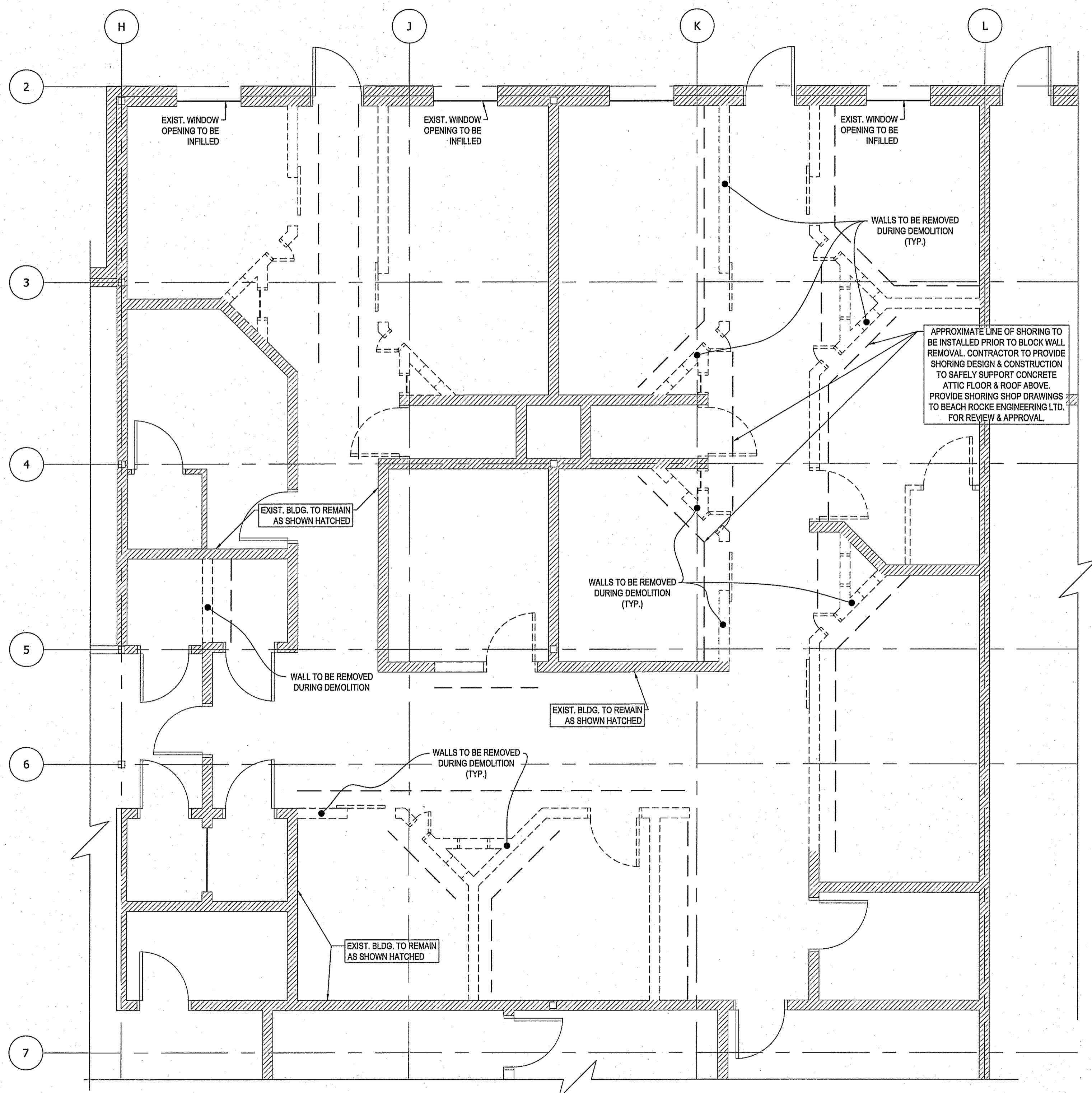
ELEVATION 4

- DRAWINGS NOTES:**
- 1 NEW LIGHT FIXTURE, (EPOXY SEAL TO PERIMETER)
 - 2 COVE CAMERA TIGHT TO WALL CORNER WITH INSTALL BRACKET.
 - 3 NEW CELL DOOR
 - 4 NEW CELL TOILET
 - 5 NEW CONCRETE BUNK
 - 6 NEW CELL NUMBERS TO BE PAINTED ON CELL WALLS. LETTERING TO BE 200 HIGH AND CENTERED ON WALL
 - 7 NEW TECTUM ACOUSTIC PANELS
 - 8 NEW ACOUSTIC WINDOW
 - 9 NEW ACOUSTIC DOOR



1 KEY PLAN
S-1
SCALE: 1 : 500

WALL SCHEDULE	
	NEW 190mm MASONRY CONCRETE BLOCK WALL REINF: 1-15M F.H. VERT. @ EVERY 813mm O.C. CW 15M DOWELS @ INTO EXIST. CONCRETE @ TOP, BOTTOM & SIDES (100mm MIN. EMBED.) FILL CORES W/ 20MPa CONCRETE
	IN-FILL EXISTING WINDOW OPENING
	EXISTING WALL TO BE REMOVED
	EXISTING WALL TO BE REMAIN



2 CELL AREA DEMOLITION PLAN
S-1
SCALE: 1 : 50

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 CONTRACTOR'S 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 CARBOARD 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 1" x 1" SAW CUTS AT 20' O.C. BOTH WAYS IN FLOOR SLABS UNLESS OTHERWISE NOTED ON DRAWINGS.
- CONCRETE SHALL CONFORM TO THE FOLLOWING:

8.1. GRADE BEAMS	-	EXPOSURE CLASS F-2 (25MPa AT 28 DAYS)
8.2. PILE CAPS	-	EXPOSURE CLASS S-2 (25MPa AT 28 DAYS)
8.3. CAST-IN-PLACE PILES	-	EXPOSURE CLASS S-2 (20MPa AT 28 DAYS)
8.4. INTERIOR SLABS ON GRADE	-	EXPOSURE CLASS N (25MPa AT 28 DAYS)
8.5. 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 35"x38" 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:

7.1. CONCRETE CAST IN DIRECT CONTACT WITH SOIL	-	75mm (3")
7.2. FORMED CONCRETE IN CONTACT WITH SOIL 15M OR SMALLER	-	50mm (2")
7.3. FORMED CONCRETE IN CONTACT WITH SOIL 20M OR LARGER	-	40mm (1 1/2")
7.4. FORMED CONCRETE NOT IN CONTACT WITH SOIL (BEAMS AND COLUMNS)	-	40mm (1 1/2")
7.5. 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:

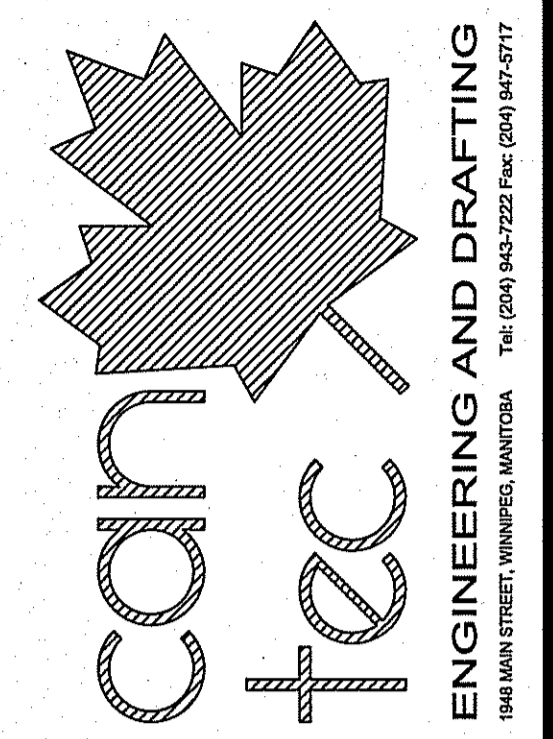
- MASONRY WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF CSA-A165-STANDARDS FOR CONCRETE MASONRY UNITS.
- MASONRY WALLS SHALL BE BUILT WITH TYPE "S" MORTAR HAVING A MINIMUM STRENGTH OF 15MPa @ 28 DAYS. NON-LOAD BEARING WALLS MAY BE BUILT WITH TYPE "N" MORTAR.
- CONCRETE INFILL SHALL BE 20MPa @ 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" L.G. 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 6'.
- 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 1/2" x 6" x 1/2" 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.

14.1. UP TO 4' IN WIDTH	8" U-BLOCK, REINF: 1-15M CONT.
14.2. 4'-8" IN WIDTH	16" U-BLOCK, REINF: 2-15M CONT.

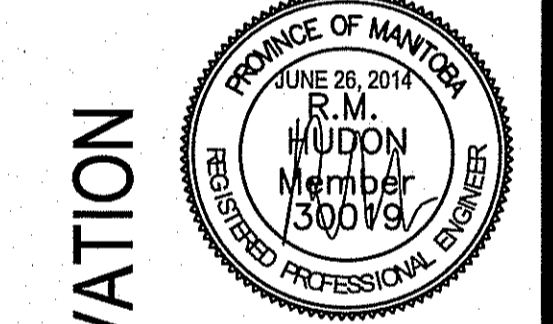
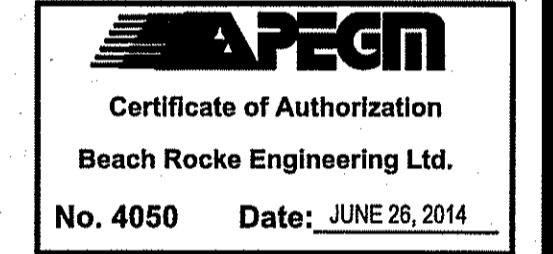
STRUCTURAL DRAWING LIST

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

THIS DRAWING MUST NOT BE SCALED.
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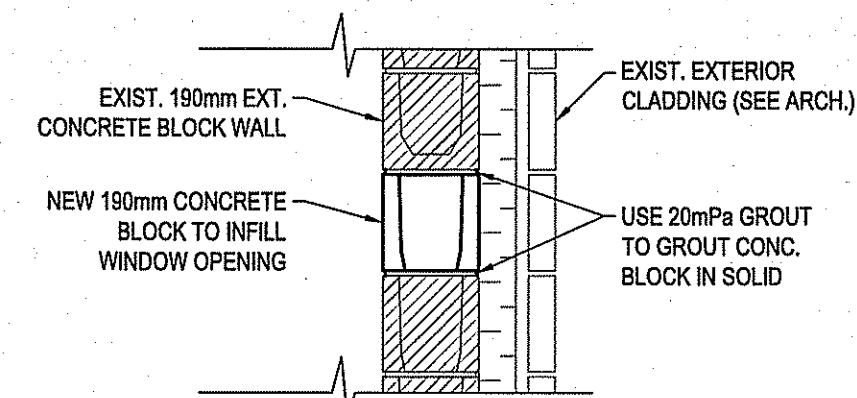
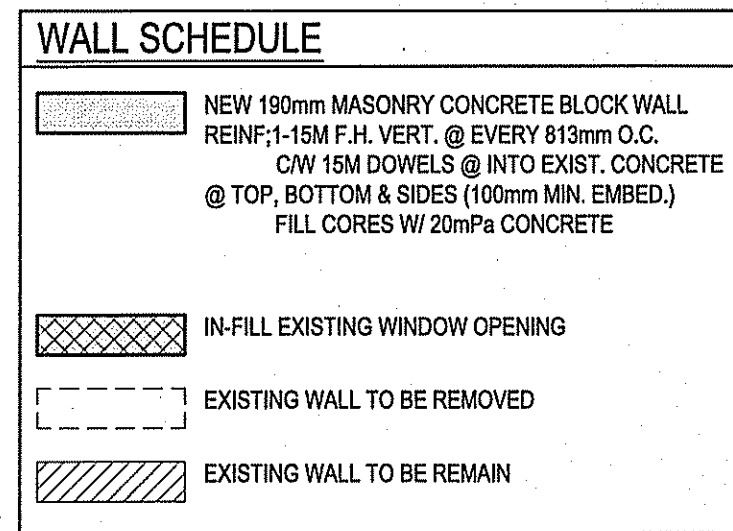
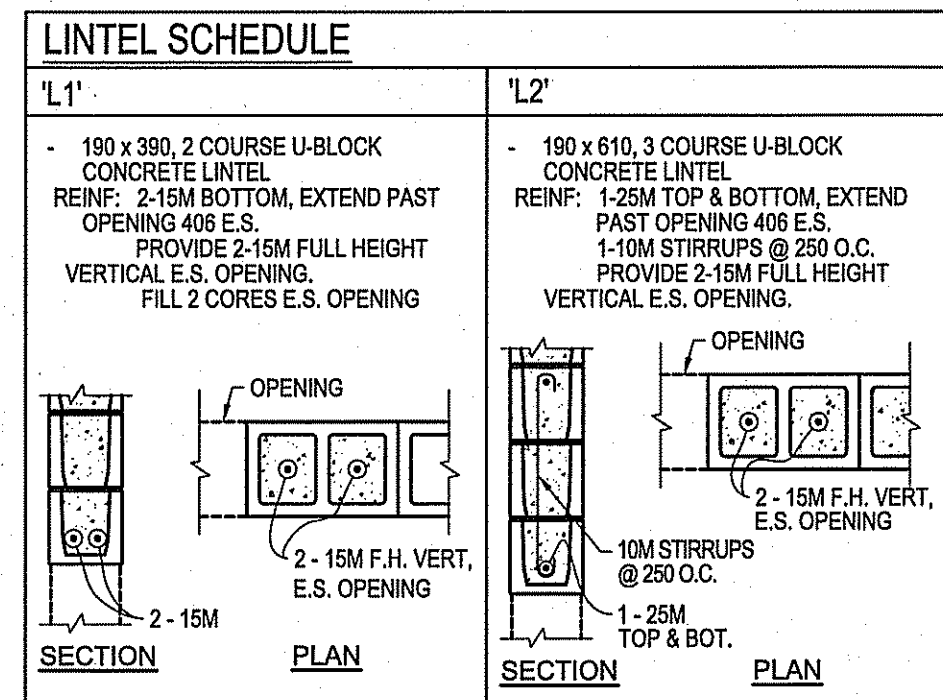


ISSUED FOR TENDER 14/08/26
100% SUBMITTATION 14/08/26
DATE OF PRINT 14/08/26
DATE (Y/M/D)
REV. 1
REV. 2
REV. 3
REV. 4

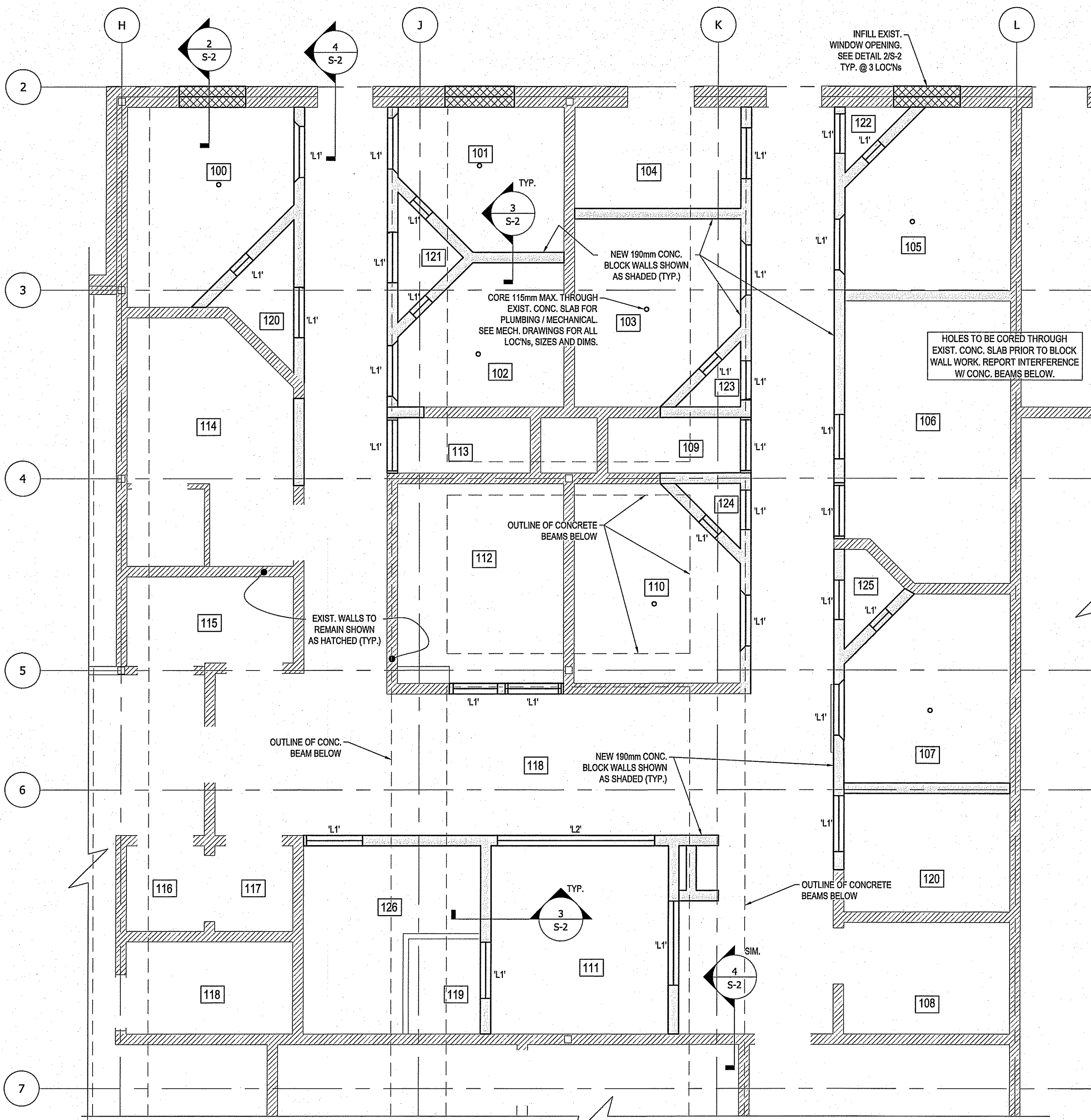


PROJECT TITLE: FACILITY BUILDING - INTERIOR RENOVATION
SHEET TITLE: MAIN FLOOR PLAN - DEMOLITION
CHECKED BY: RH
DRAWN BY: SAS
SCALE: AS NOTED
DATE (Y/M/D): 14/08/26
LOCATION: THE PAS, MANITOBA

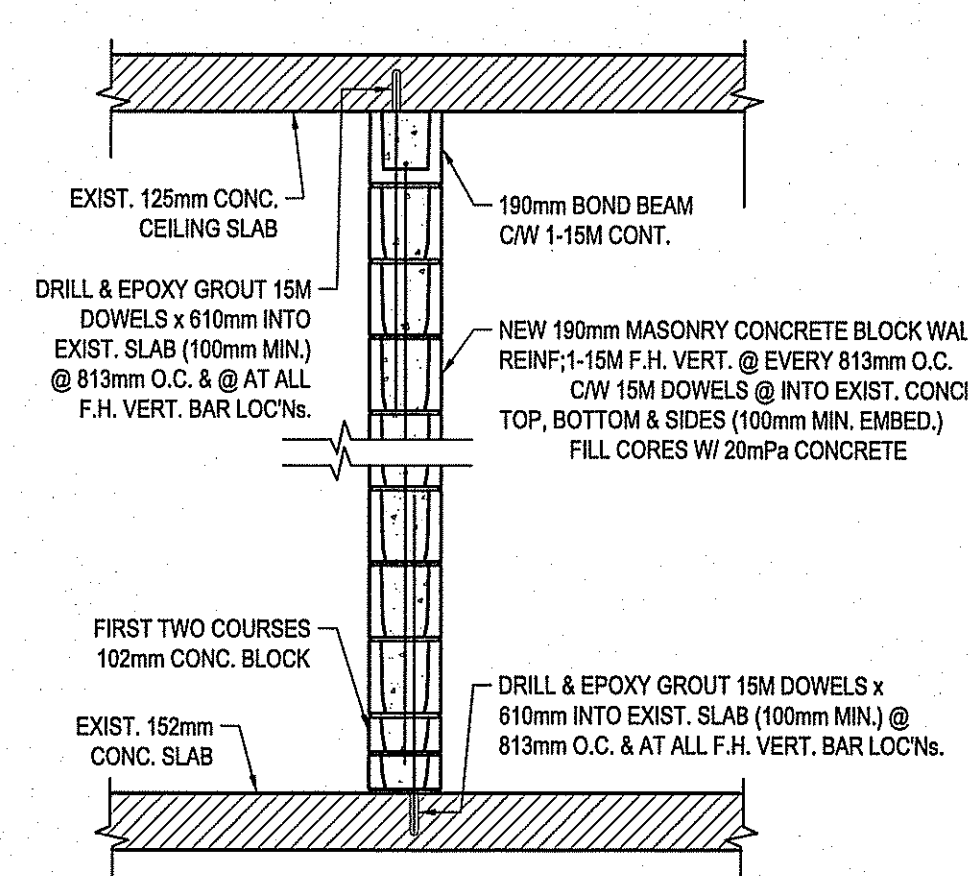
TENDER
S-1
REVISION #:
JOB NO.
14-125-CG-26



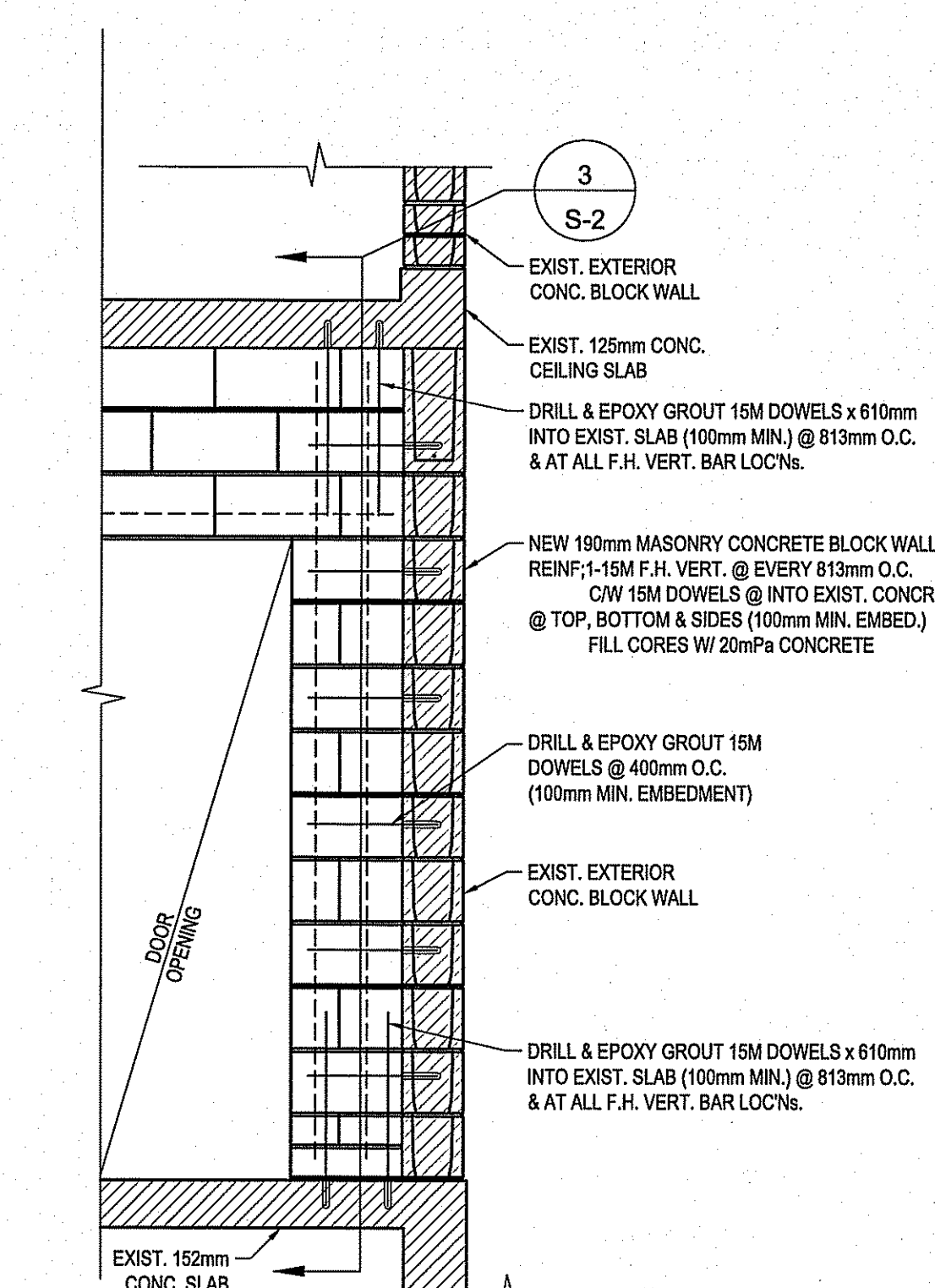
2 TYP. WINDOW INFILL DETAIL (@ 3 LOC'Ns)
SCALE: 1:15



1 CELL AREA RENOVATION PLAN
SCALE: 1:50



3 TYP. NEW BLOCK WALL
SCALE: 1:20



4 TYP. NEW BLOCK WALL
SCALE: 1:20

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can-tec
ENGINEERING AND DRAFTING
1948 MAIN STREET, WINNIPEG, MANITOBA
TEL: (204) 943-7222 Fax: (204) 943-5717

SEALED BY: **Beach Rocks ENGINEERING LTD.**
Professional Engineering Services
1025 St. Boniface Street, Winnipeg, Manitoba R2A 3S8
Telephone: (204) 253-7271 Fax: (204) 254-8712

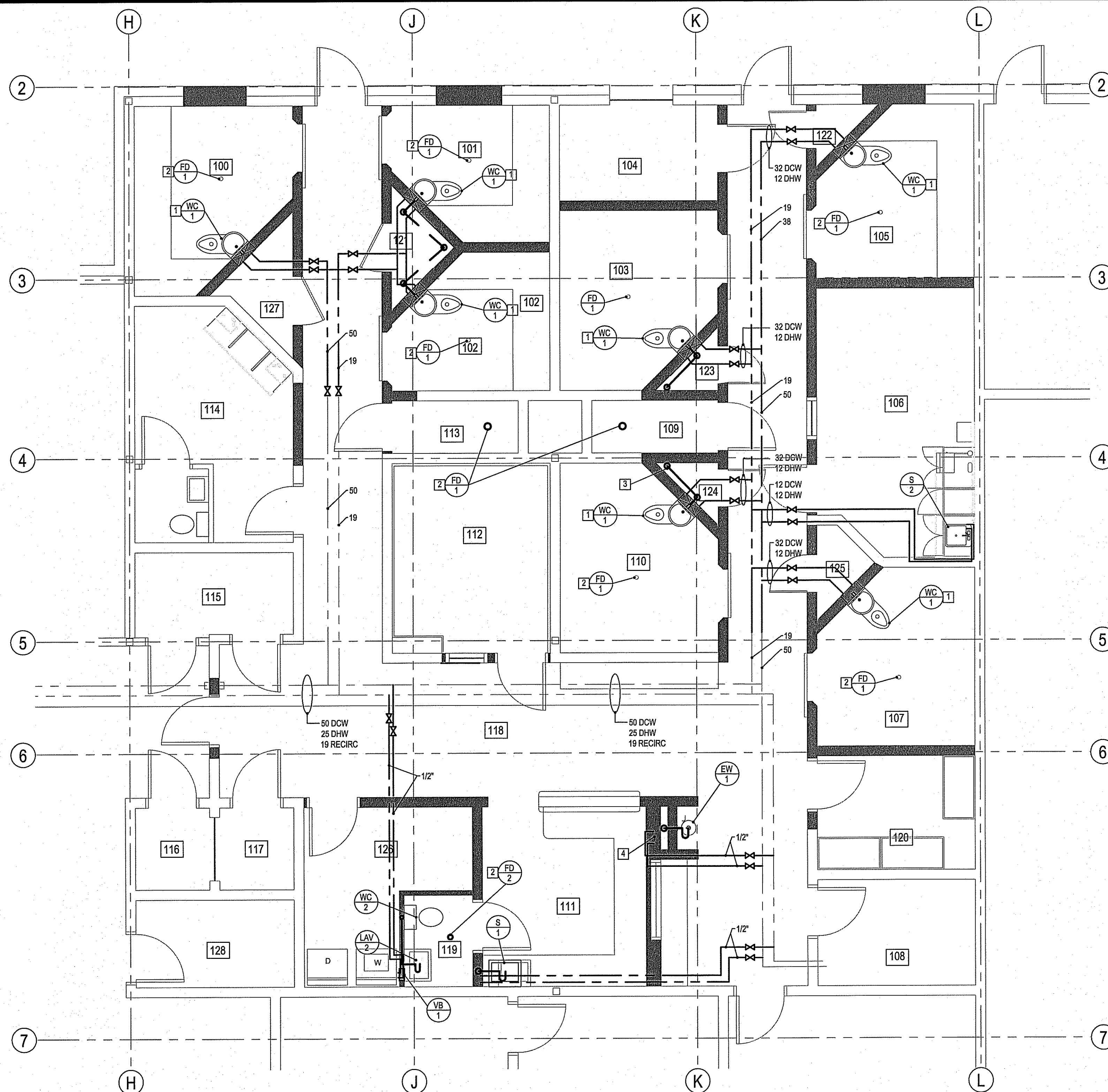
APECN
Certificate of Authorization
Beach Rocks Engineering Ltd.
No. 4050 Date: JUNE 26, 2014

PROJECT TITLE: **FACILITY BUILDING - INTERIOR RENOVATION**
SHEET TITLE: **MAIN FLOOR PLAN - RENOVATION**
DATE BY M/D/Y: 14/06/26
SCALE: AS NOTED
LOCATION: THE PAS, MANITOBA

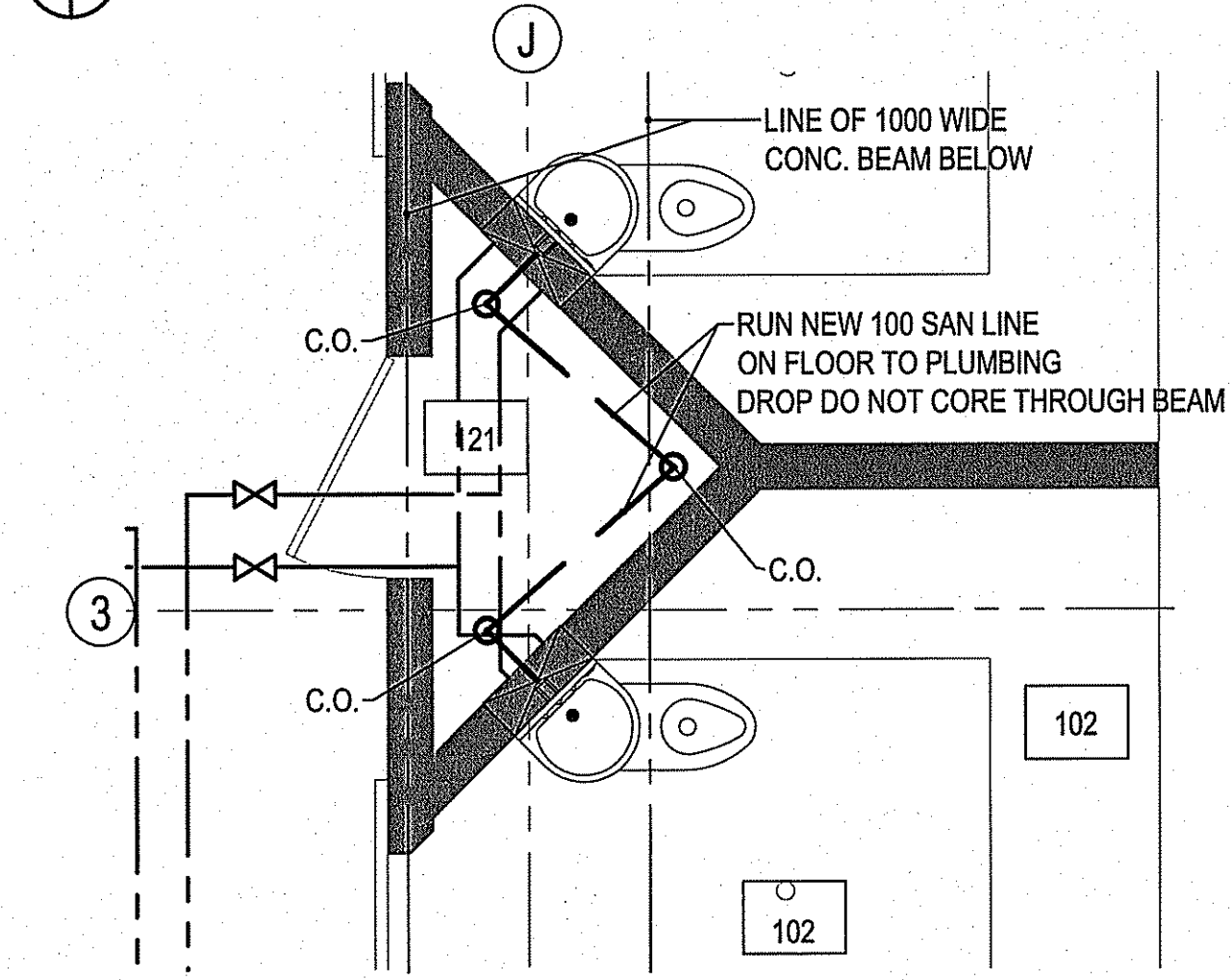
DESIGNED BY: RH
DRAWN BY: SAS
CHECKED BY: SAS

PROVINCE OF MANITOBA
R.M. HUDSON
Member
30079
REGISTERED PROFESSIONAL ENGINEER

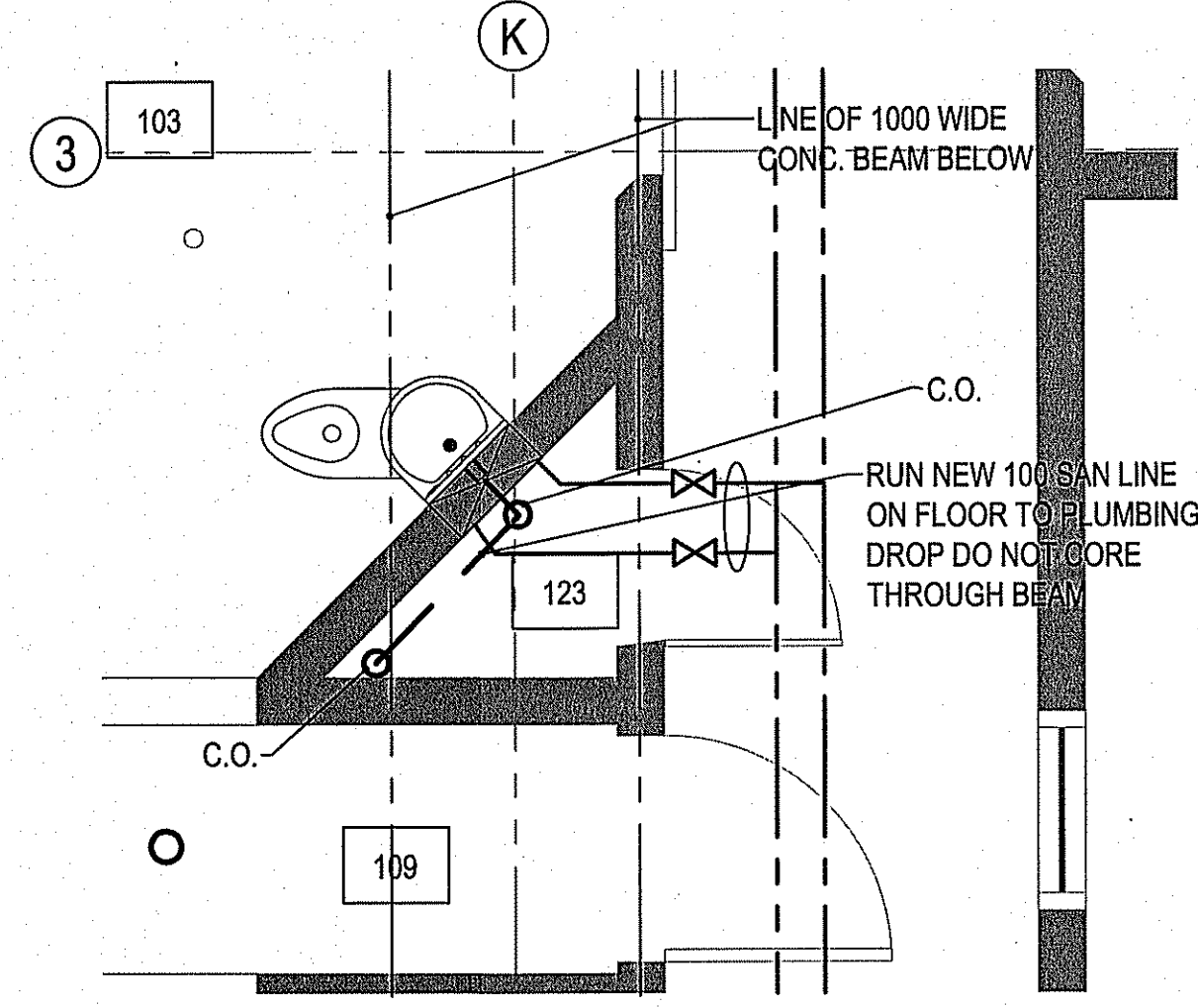
DESIGN STAGE
S-2
REVISION #:
JOB NO.
14-125-CG-26



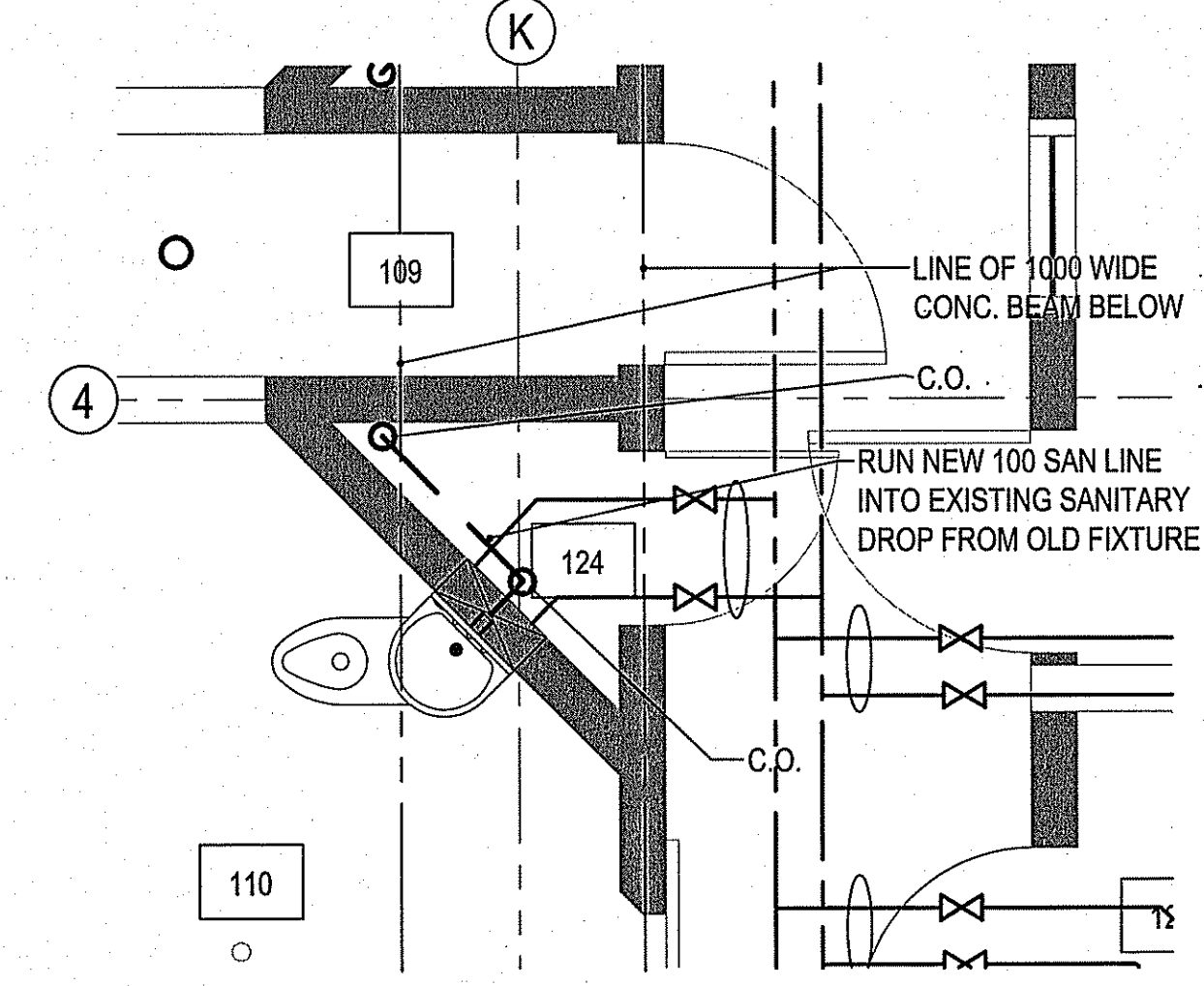
1 PARTIAL MAIN FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"



2 PARTIAL MAIN FLOOR PLAN ROOM 121
SCALE: 1/8" = 1'-0"



3 PARTIAL MAIN FLOOR PLAN ROOM 123
SCALE: 1/8" = 1'-0"



4 PARTIAL MAIN FLOOR PLAN ROOM 124
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

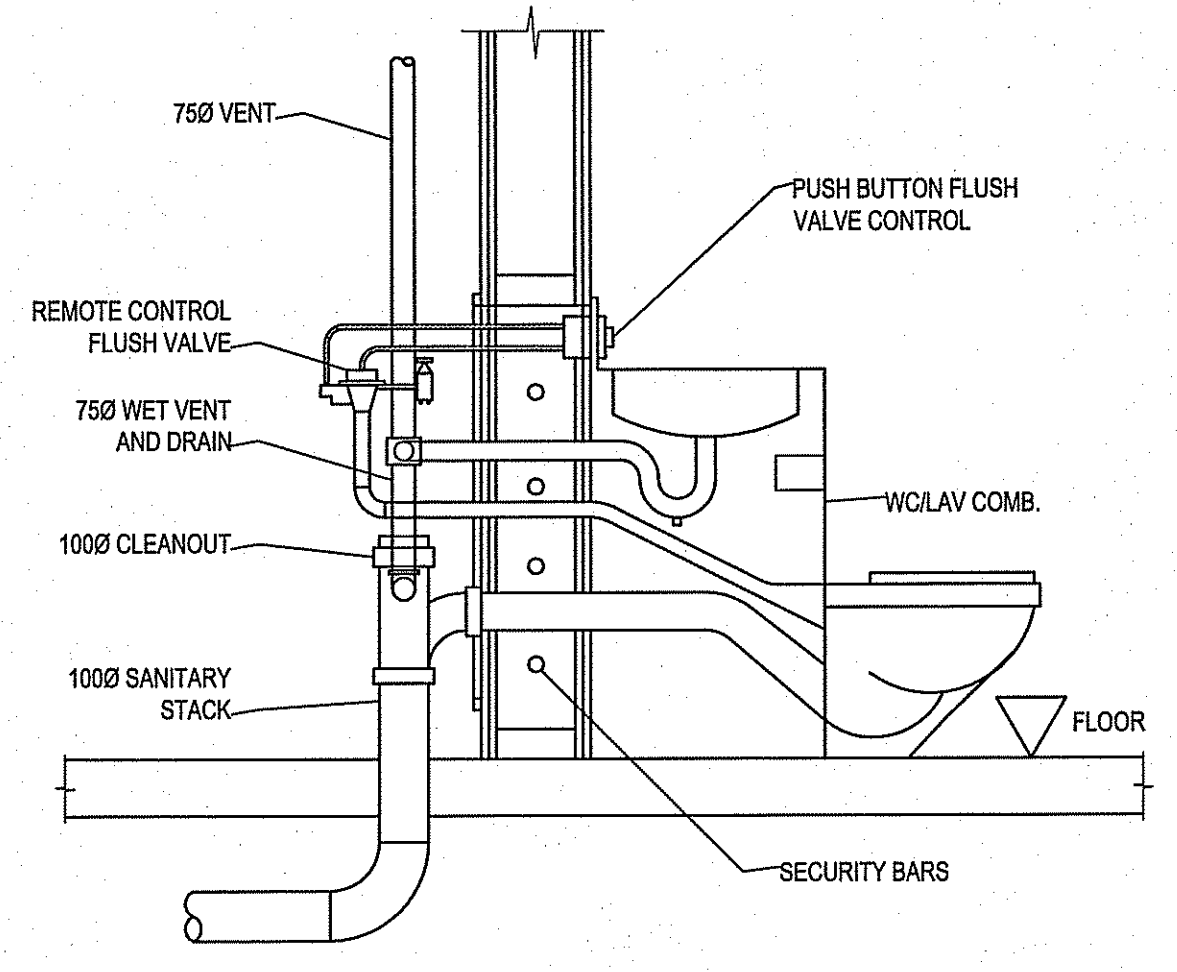
- ALL WATER SUPPLY LINES ARE RUN IN ATTIC SPACE EXTEND AS REQUIRED TO CONNECT TO NEW FIXTURES. ALL NEW LINES ARE TO RUN IN ATTIC SPACE AND DOWN. FIRE CAULK ALL AROUND ALL NEW PIPING
- CONNECT NEW FIXTURES TO EXISTING VENT LINES IN ATTIC SPACE NO NEW HOLES ARE TO BE ADDED TO ROOF
- ANY OTHER LINES CONNECTING TO THE NEW SANITARY LINES IN PARKADE AREA ARE TO BE DISCONNECTED AND RE-CONNECTED TO NEW SANITARY LINE

DRAWING NOTES:

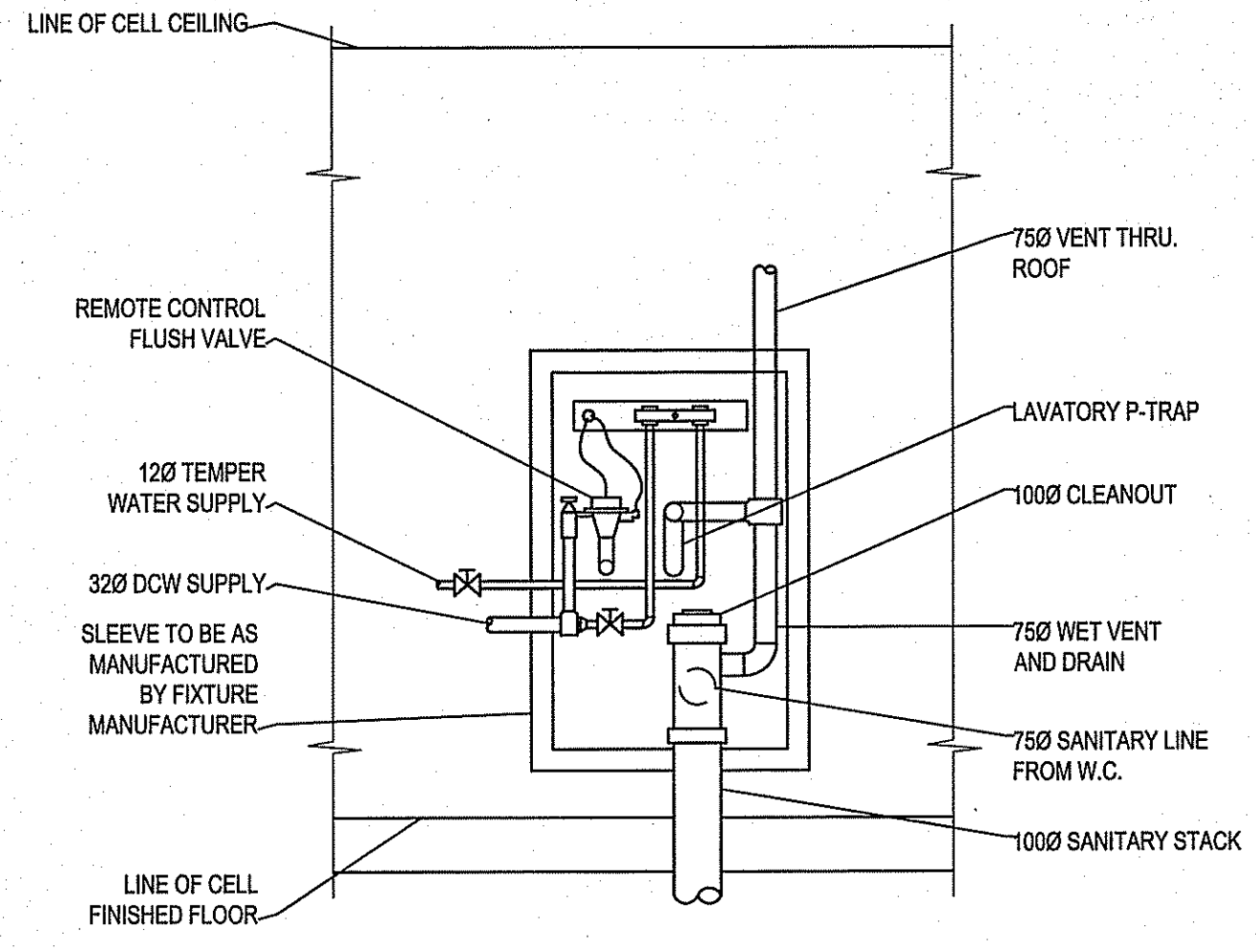
- NEW COMBI TOILET AND SLEEVE. INSTALL IN POSITION AS SHOWN ON ARCHITECTURAL DRAWING AND INSTALL AS PER MANUFACTURERS INSTRUCTIONS. CONNECT TO EXISTING SUPPLY LINES LOCATED IN ATTIC SPACE. SEE DETAIL 2 AND 3 THIS SHEET.
- NEW FLOOR DRAIN C/W TRAP PRIMER. CONNECT TO EXISTING SANITARY LINE IN PARKADE. FIRE CAULK ALL AROUND NEW OPENINGS. (ADJUST LOCATION AS REQUIRED TO MISS ANY STRUCTURAL BEAMS)
- RE-USE EXISTING SANITARY DRAIN FOR THIS CELL DUE TO CLOSE PROXIMITY TO STRUCTURAL BEAMS BELOW
- DCW AND DHW LINES TO MIXING VALVE LOCATED UNDER GUARD DESK BEHIND ACCESS DOOR

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
	FIXTURE TAG
	FLOOR DRAIN
	CLEAN OUT

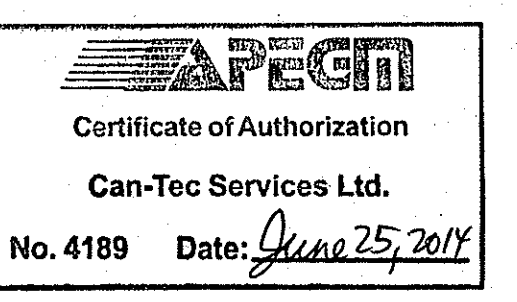
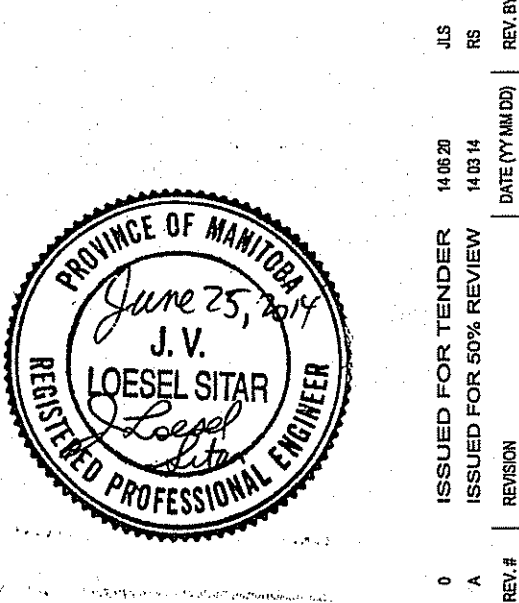
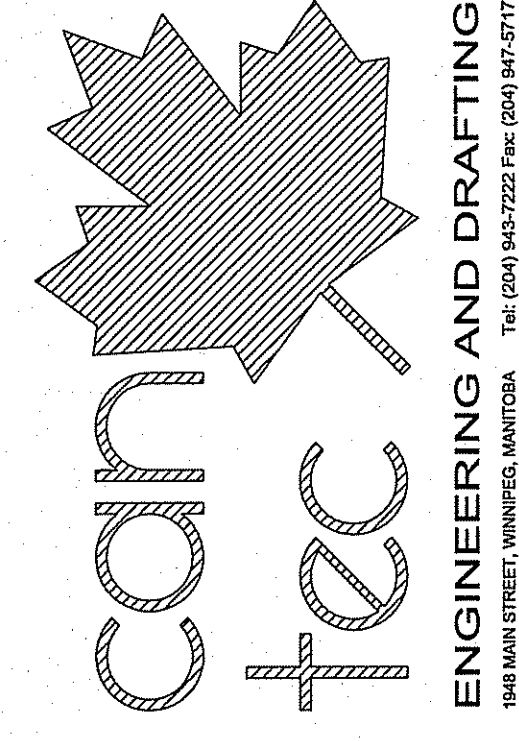


5 COMBI TOILET SECTION DETAIL
SCALE: NTS



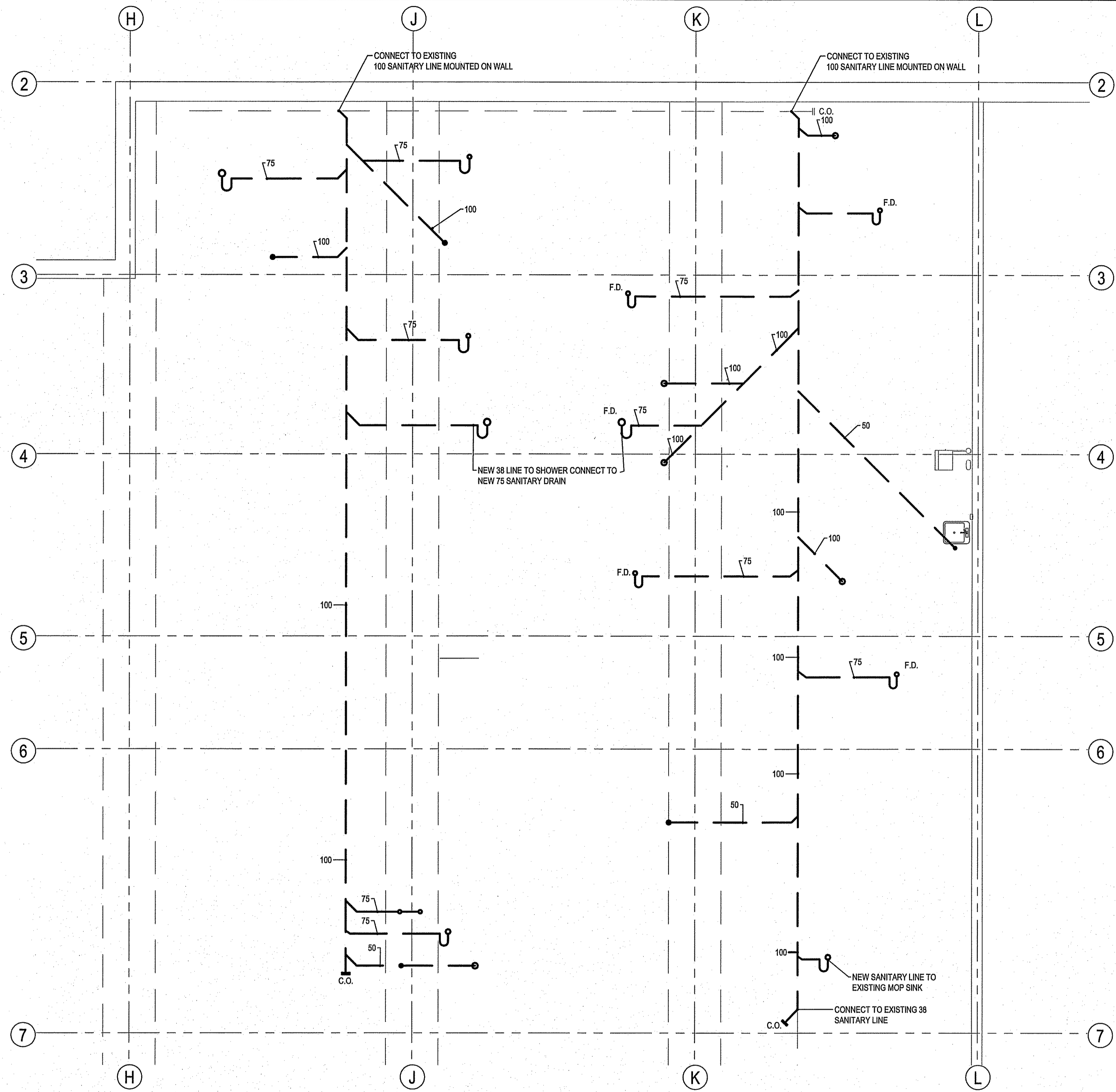
6 COMBI TOILET REAR SECTION DETAIL
SCALE: NTS

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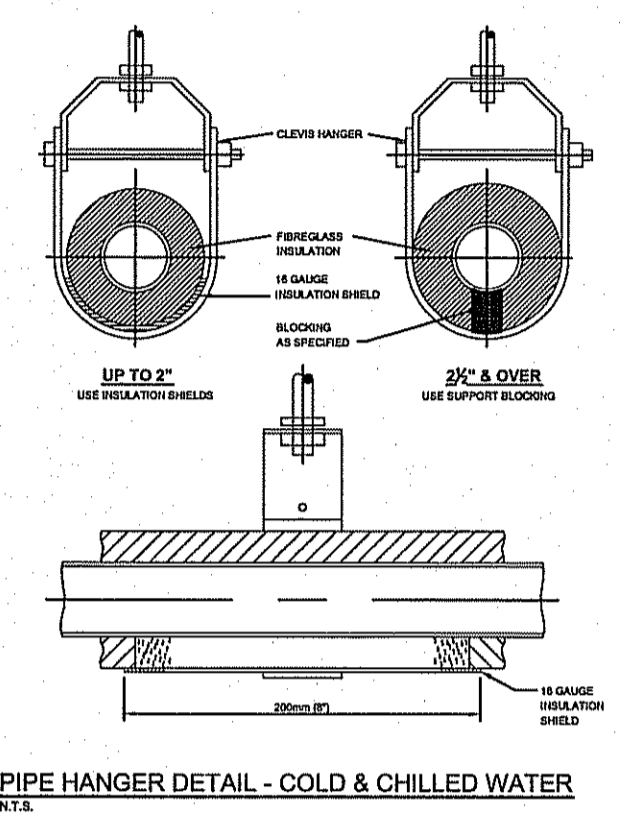


PROJECT: FACILITY BUILDING - INTERIOR RENOVATION
SHEET: MAIN FLOOR PLAN - PLUMBING
DATE (Y/M/D): 14 02 16
SCALE: AS NOTED
LOCATION: THE PAS, MANITOBA
DRAWN BY: RS
CHECKED BY: NC

TENDER
M1.0
REVISION #: 0
JOB NO.: 14-001-01-30

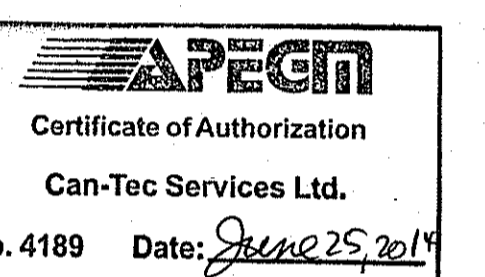
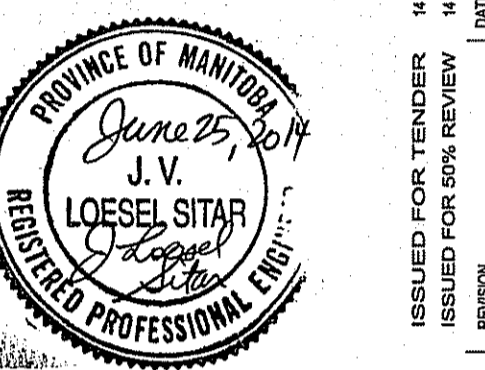
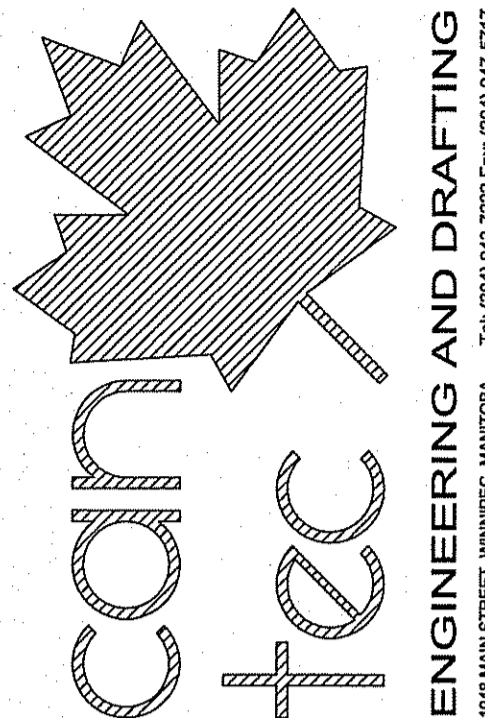


PLUMBING FIXTURE CONNECTION SIZES					
SYMBOL	NAME	WATER HOT	WATER COLD	WASTE	VENT
WC-1	DETENTION FIXTURE	130	40	1000	500
WC-2	WATER CLOSET		120	750	500
LAV-1	LAVATORIES	120	120	380	380
	CLOTHES WASHER	120	120	380	380
MS-1	MOP SINK	120	120	500	500
S-1	SINK	120	120	380	380



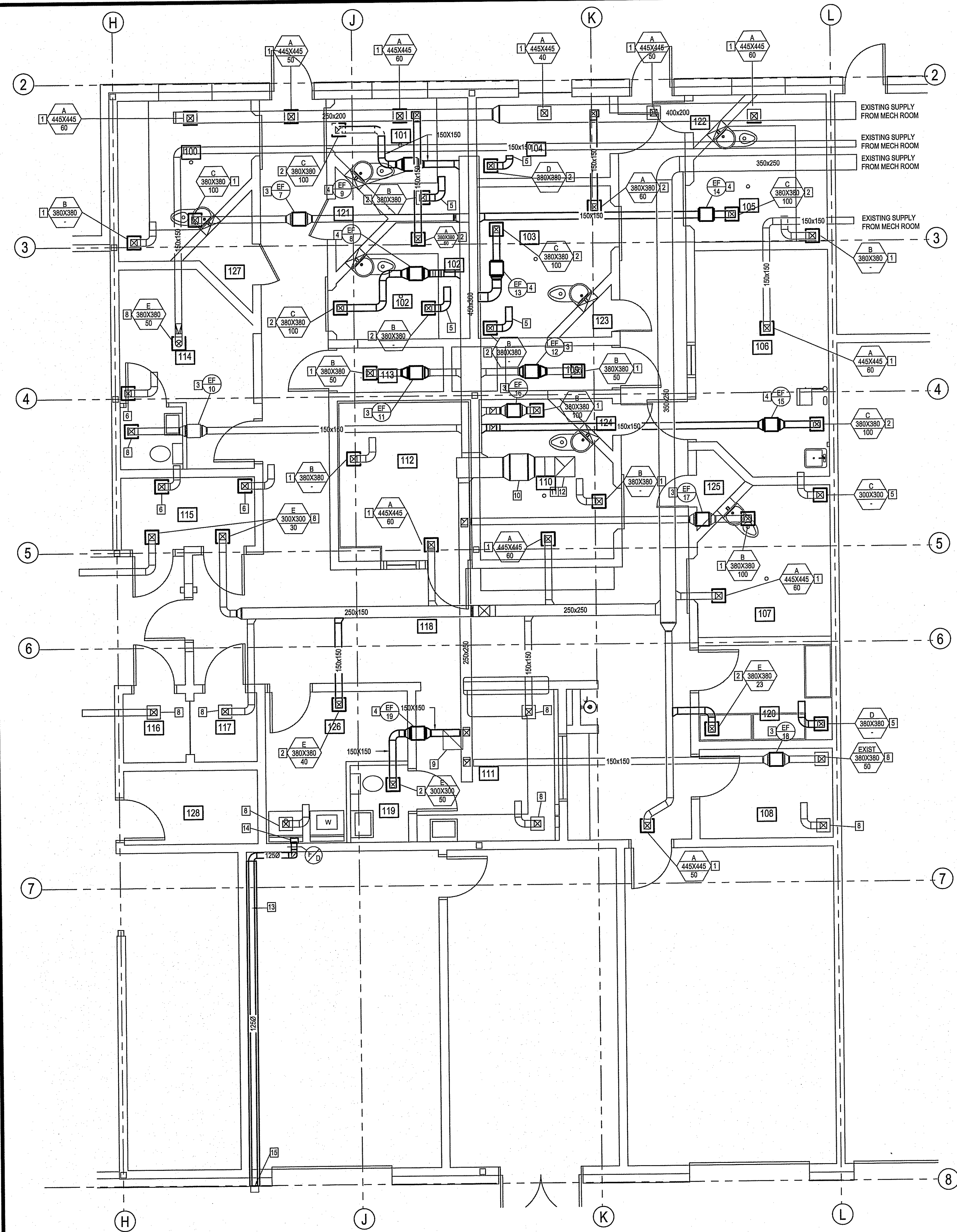
1 PARTIAL PARKADE PLAN - PLUMBING
SCALE: 1/8"

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PROJECT TITLE: FACILITY BUILDING - INTERIOR RENOVATION
SHEET TITLE: MAIN FLOOR PLAN - PLUMBING
DATE (Y/M/D): 14/02/16
LOCATION: THE PAS, MANITOBA
SCALE: AS NOTED
DRAWN BY: RS
CHECKED BY: NC
ISSUED FOR TENDER: 14/02/16
ISSUED FOR CONSTRUCTION: 14/02/16
REVISION #

TENDER
M1.1
REVISION #: 0
JOB NO.: 14-001-01-30



- DRAWING NOTES: #**
1. INSTALL NEW DIFFUSER IN PLACE OF EXISTING. SIZE TO MATCH EXISTING SITE VERIFY ALL SIZES
 2. INSTALL NEW DIFFUSER AND CONNECT TO NEW DUCTWORK CUT NEW HOLE IN CONCRETE CEILING
 3. REMOVE EXISTING EXHAUST FAN AND REPLACE WITH NEW ADJUST DUCT WORK TO SUIT
 4. NEW EXHAUST FAN AND DUCT WORK
 5. NEW RETURN AIR DUCT INTO CEILING PLENUM 150 X 150 DUCT TO BE LINED WITH 25MM ACOUSTIC INSULATION
 6. EXISTING RETURN AIR DUCT
 7. NOT USED
 8. EXISTING DIFFUSER AND DUCTWORK TO REMAIN
 9. REMOVE EXISTING EXHAUST GRILL AND FILL IN HOLE IN CONCRETE CEILING
 10. EXISTING RE-HEAT COIL TO REMAIN
 11. EXISTING EXHAUST DUCT FOR ROOF EXHAUST FAN
 12. EXHAUST FAN ON ROOF TO BE REMOVED AND REPLACED (EF-20) ADJUST DUCTWORK TO SUIT
 13. NEW DRYER EXHAUST DUCT RUN AS HIGH AS POSSIBLE IN GARAGE ROOF. INSULATE ENTIRE DUCT WITH 50 FOIL FACE INSULATION
 14. NEW LINT TRAP FOR DRYER
 15. NEW 18 GA GALVANIZED DRYER

- GENERAL NOTES:**
1. THE DUCTWORK SHOWN IN APPROXIMATE ONLY ALL INFORMATION SHOWN MUST BE VERIFIED ON SITE.
 2. ANY HOLES LEFT BY THE REMOVAL OF EXISTING SUPPLY, RETURN OR EXHAUST DIFFUSERS MUST BE INFILLED WITH CONCRETE AND SEALED.
 3. ROOF SLAB TO BE X-RAYED PRIOR TO CUTTING NEW HOLES. ADJUST DUCTWORK AS REQUIRED TO MISS EXISTING ELECTRICAL CONDUITS.

HEATING AND COOLING LEGEND

- Ⓢ THERMOSTAT
- Ⓡ ROOM SENSOR
- Ⓢ/Ⓢ EQUIPMENT TAG (SEE SCHEDULE)

VENTILATION LEGEND

- AD ACCESS DOOR
- TS TRANSFER SLEEVE
- VD VOLUME BALANCING DAMPER
- FD FIRE DAMPER
- FL FIRE FLAP
- BD BACKDRAFT DAMPER
- TYPE SIZE DIFFUSER AND GRILLE TAG (SEE SCHEDULE)

150x150 NEW DUCTWORK
 150x150 EXISTING DUCTWORK
 [Symbol] NEW DIFFUSER
 [Symbol] EXISTING DIFFUSER

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
C	VIRTUCOM-INC	VIRTUCOM SCO Security	RETURN GRILLE. INSTALL AS PER MANUF. INSTRUCTION
D	EH PRICE	LOUVERED SUPPLY GRILL 520D/F/L/A/B/12	
E	EH PRICE	LOUVERED RETURN GRILL 530D/F/L/A/B/12	

Room No.	New EF-#	Type of fan I/S	Switch or continuous
100	7	103.7	S
101	9	103.7	S
102	8	103.7	S
103	13	103.7	S
105	14	103.7	S
106	15	103.7	C
107	17	103.7	S
108	18	51.8	C
109	12	51.8	S
110	16	103.7	S
113	11	51.8	S
114	10	51.8	C
119	19	51.8	C
20		943.4	C

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ENGINEERING AND DRAFTING
 180 HAIN STREET, WINNIPEG, MANITOBA
 TEL: (204) 949-2222 Fax: (204) 949-5577

ISSUED FOR TENDER 11/20/13
 14/01/14
 DATE/TIME/SCALE
 REV. 1
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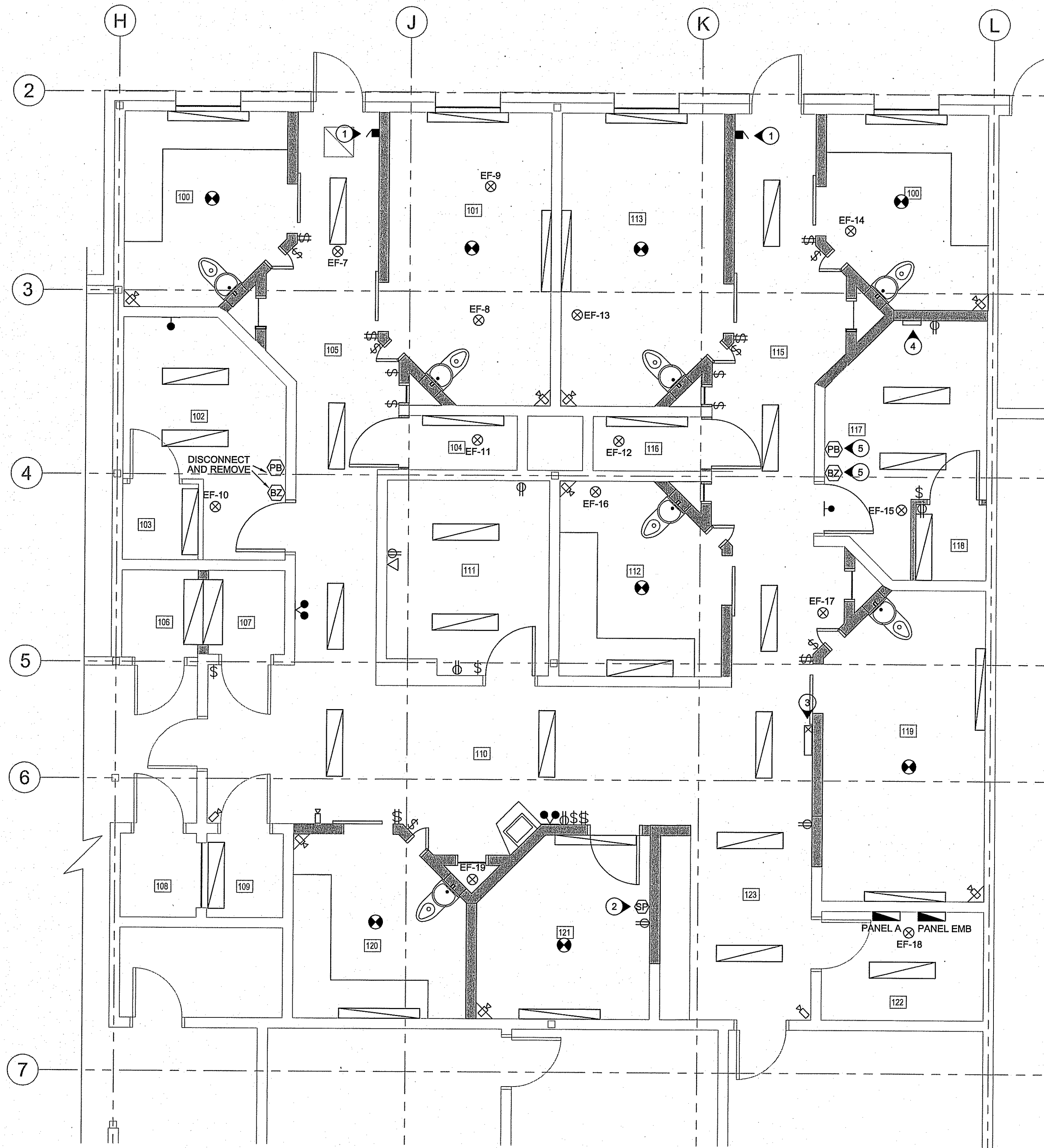
SEAL BY:

APECM
 Certificate of Authorization
 Can-Tec Services Ltd.
 No. 4189 Date: June 25, 2014

PROJECT TITLE: **FACILITY BUILDING - INTERIOR RENOVATION**
 SHEET TITLE: **MAIN FLOOR PLAN - HVAC**
 DATE (Y/M/D): 14/02/16
 SCALE: AS NOTED
 LOCATION: THE PAS, MANITOBA

CHECKED BY: NC
 DRAWN BY: RS

TENDER
M2.0
 REVISION #: 00
 JOB NO. 14-001-01-30



1 ELECTRICAL DEMOLITION PLAN
E1 SCALE: 1/50

DRAWING NOTES:

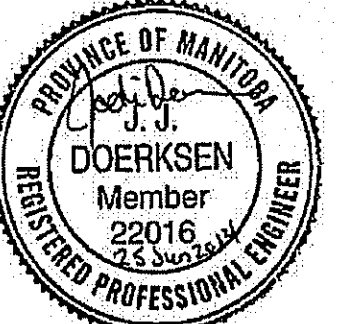
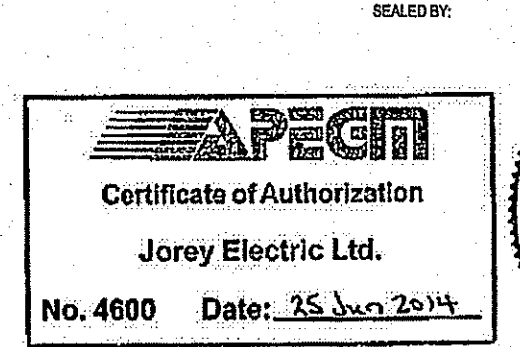
- ① FIRE ALARM MANUAL PULL STATIONS TO BE RELOCATED.
- ② REMOVE SPEAKER AND REINSTALL AFTER CONSTRUCTION.
- ③ EXIT SIGN IS TO BE RELOCATED.
- ④ EXISTING ANNUNCIATOR TO BE REMOVED AND REPLACED WITH NEW ANNUNCIATOR LOCATED IN NEW GUARD ROOM.
- ⑤ RELOCATE PANIC PUSHBUTTON AND BUZZER TO NEW GUARD ROOM.

GENERAL NOTES

- A. DISCONNECT AND REMOVE ALL LIGHT FIXTURES SHOWN. REUSE WIRING WHERE POSSIBLE. REMOVE ALL UNUSED WIRING AND CONDUIT BACK TO THE PANEL.
- B. ALL SWITCHES AND RECEPTACLES SHOWN ARE TO BE REMOVED UNLESS OTHERWISE NOTED. REUSE WIRING FOR NEW DEVICES WHERE POSSIBLE. REMOVE ALL UNUSED WIRING AND CONDUIT BACK TO THE PANEL.
- C. DEVICES IN GUARD ROOM 111 WALLS ARE TO REMAIN, BUT MOVED FORWARD TO ACCOMMODATE NEW SOUND ATTENUATION MATERIAL.
- D. SMOKE DETECTORS SHOWN ARE TO BE REMOVED AND REPLACED.
- E. EMERGENCY LIGHTS ARE TO BE REMOVED AND REPLACED AS SHOWN.
- F. EXHAUST FANS EF-7 THROUGH EF-18 ARE LOCATED IN CRAWLSPACE ABOVE CEILING AND ARE TO BE DISCONNECTED. REUSE WIRING FOR NEW EXHAUST FANS WHERE POSSIBLE. REMOVE ALL UNUSED WIRING AND CONDUIT BACK TO THE PANEL. EXHAUST FAN EF-19 IS LOCATED ON THE ROOF AND IS TO BE REPLACED WITH SIMILAR FAN. REUSE WIRING IF POSSIBLE.

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The contractor shall verify, and be responsible for co-ordinating all dimensions and levels as shown, with actual site conditions. Report discrepancies or omissions to JOREY ELECTRIC LTD. prior to commencing work.
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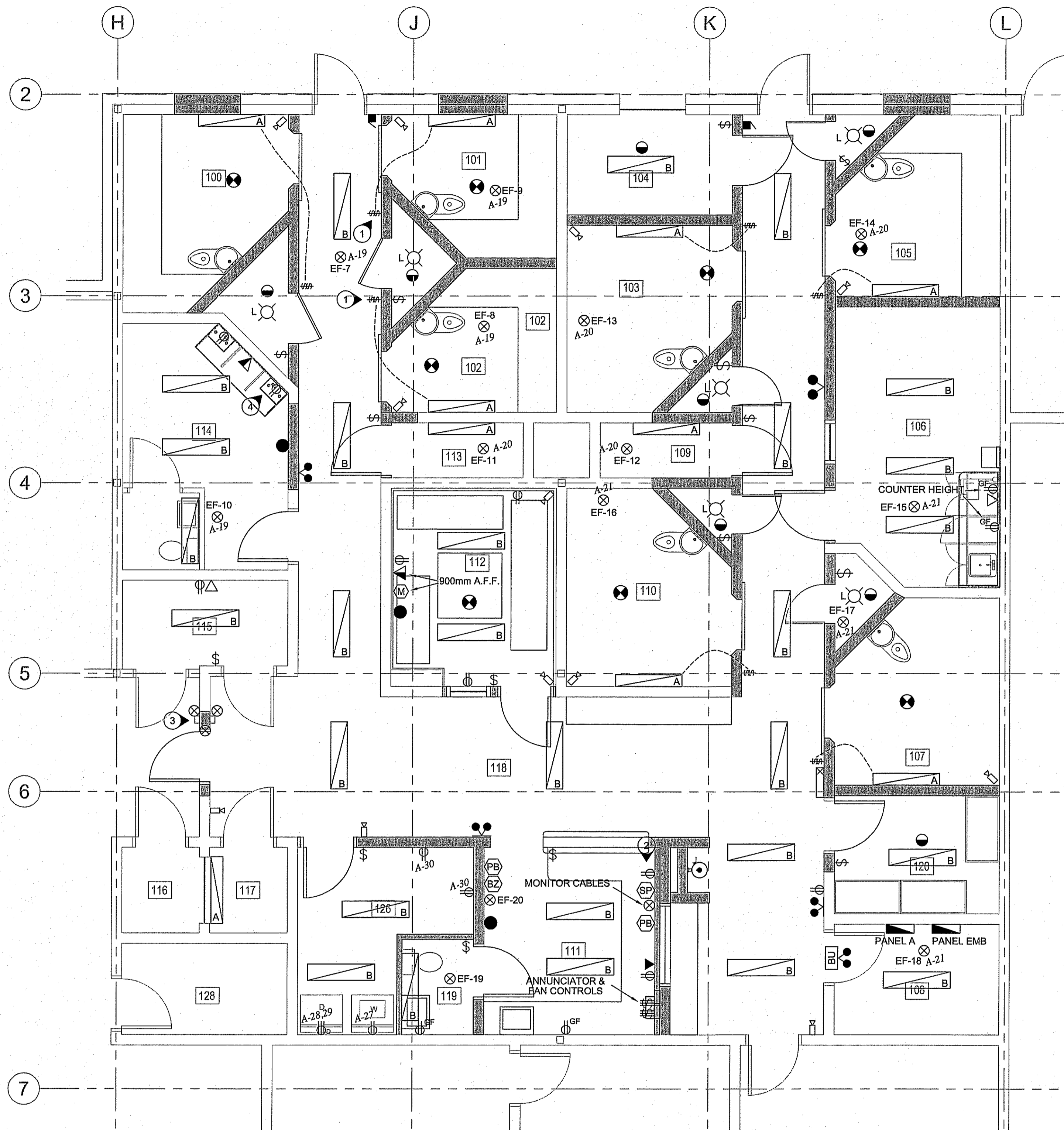
JOREY ELECTRIC
Engineering Consultants
6-1375 Niakwa Road E Telephone: (204) 255-4842
Winnipeg, Manitoba Facsimile: (204) 255-7679
Canada, R2J 3T3 E-mail: info@joreyelectric.com



REV. #	REVISION	DATE (Y/M/D)	REV. BY
00	ISSUED FOR TENDER	14/06/25	JJD

PROJECT TITLE: THE PAS
SHEET TITLE: ELECTRICAL DEMOLITION PLAN
DATE (Y/M/D): 2014-06-25
SCALE: 1/50
DRAWN BY: AZ
CHECKED BY: JJD
LOCATION: THE PAS, MANITOBA

TENDER
E1
REVISION #: 00
JOB NO.: 13-075



2 PARTIAL MAIN FLOOR PLAN
SCALE: 1/8"

- DRAWING NOTES:**
- CONFIRM ON SITE THAT SWITCH LOCATION WILL NOT INTERFERE WITH DOOR OPENING.
 - REFER TO ELEVATION DRAWING A1.08 FOR EXACT LOCATION AND MOUNTING HEIGHTS OF DEVICES ON THIS WALL.
 - ROUGH IN FOR FUTURE CARD READER ACCESS. PROVIDE A BOX WITH 21mm (3/4") CONDUIT AND PULL STRING RUNNING BACK TO LAN ROOM TO EACH SIDE OF DOOR. PROVIDE POWER FOR ELECTRIC DOOR STRIKE. CONFIRM EXACT REQUIREMENTS ON SITE.
 - PROVIDE BLACK BOX RM2413A RACKMOUNT CABINET DESK FOR CCVE EQUIPMENT.

EQUIPMENT SCHEDULE

NUMBER	DESCRIPTION	KWH/PA	VOLTS/PH	BREAKER	CONDUCTOR	NOTES
EF-7,8,9, 14,16,17	CELL EXHAUST FANS	FRACTIONAL	120V/1PH	15A/1P	2#12 RW90	CONTROLLED BY SWITCH IN ROOM 111
EF-10,15, 18,19	EXHAUST FANS	FRACTIONAL	120V/1PH	15A/1P	2#12 RW90	RUNS CONTINUOUSLY
EF-11,12	SHOWER EXHAUST FANS	FRACTIONAL	120V/1PH	15A/1P	2#12 RW90	CONNECT TO ROOM LIGHT SWITCH
EF-20	EXHAUST FAN					

- NOTES:**
- MATCH BREAKER AND WIRE SIZES TO ACTUAL NAMEPLATE RATINGS OF EQUIPMENT
 - PROVIDE LOCAL DISCONNECTS TO CODE
 - FANS EF-7-19 ARE LOCATED IN THE CRAWLSPACE ABOVE CEILING. EF-20 IS LOCATED ON THE ROOF.

PANEL A
225A, 120/208V, 3PH, 4W

CCT #	DESCRIPTION	BREAKER SIZE	CCT #	DESCRIPTION	BREAKER SIZE
1	EXISTING	15A	22	EXISTING	15A
2		15A	23		15A
3		15A	24		15A
4		15A	25		20A
5		15A	26		20A
6		15A	27	WASHING MACHINE	15A
7		15A	28		
8		15A	29	DRYER	30A
9		15A	30	ROOM 126 RECEPTACLES	15A
10		15A	31		
11		15A	32		
12		15A	33		
13		15A	34		
14		15A	35		
15		15A	36		
16		15A	37		
17		15A	38		
18		15A	39		
19	EF-7 - EF-10 (RE-USE)	15A	40		
20	EF-11 - EF-14 (RE-USE)	15A	41		
21	EF-15 - EF-18 (RE-USE)	15A	42		

NOTE:
FOR ALL DEVICES NOT MARKED WITH A CIRCUIT NUMBER, REUSE EXISTING CIRCUIT, TIE INTO AREA CIRCUIT, OR PROVIDE NEW CIRCUIT AS APPROPRIATE.

- FIRE ALARM NOTES:**
- ADD FIRE ALARM DEVICES AS SHOWN. NEW DEVICES ARE TO MATCH AND BE COMPATIBLE WITH EXISTING SYSTEM. PROVIDE FIRE ALARM VERIFICATION UPON COMPLETION OF PROJECT.
 - 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 IF NECESSARY FOR A FULLY COMPATIBLE SYSTEM.
 - PROVIDE A NEW ANNUNCIATOR IN ROOM 111 TO BE COMPATIBLE WITH EXISTING FIRE ALARM. ANNUNCIATOR IS TO PROVIDE INDICATION OF ALARM CONDITION FOR EACH INDIVIDUAL CELL.
 - USE HIGH-YIELD GROUT MATERIAL TO FILL ANY SPACE BETWEEN THE BACK OF THE MOUNTING PLATE AND THE CEILING SURFACE.
 - ALL PROTECTIVE CAGES MUST BE STAMPED WITH MANUFACTURER AND MODEL NUMBER ON THE FACE PLATE.
 - REFER TO A6.0 REFLECTED CEILING PLAN FOR EXACT LOCATION OF FIRE ALARM DEVICES.

- CLOSED CIRCUIT CAMERA NOTES:**
- PROVIDE 27mm CONDUIT COMPLETE WITH ONE CAT6 CABLE AND PULL WIRE IN ROOM 111 FROM EACH NEW CELL & CORRIDOR CAMERA LOCATION TO GUARD DESK. FOR CAMERAS LOCATED IN ROOM 112, PROVIDE THE ABOVE TO THE ROOM 114 INSTEAD OF GUARD DESK. CONDUIT MUST BE CONCEALED IN ALL AREAS.
 - SUPPLY AND INSTALL NEW CAMERA HOUSINGS FOR CAMERAS LOCATED IN CELLS AND ROOM 112. HOUSINGS TO BE BATKO FB1303. FOR ALL OTHER CAMERAS, PROVIDE FLUSH OCTAGON BOX AT CEILING, 40-50mm (1.5 - 2") FROM ADJACENT WALL SURFACES. OWNER TO PROVIDE DOME HOUSING.
 - CONDUIT FITTINGS ARE TO HAVE 2ND LOCKNUT INSTALLED ON EXTERIOR OF CAMERA HOUSING IN ORDER TO HAVE MINIMAL PROTRUSION INTO THE CAMERA HOUSING.
 - USE HIGH-YIELD GROUT MATERIAL TO FILL ANY SPACE BETWEEN THE BACK OF THE MOUNTING PLATE AND THE CEILING SURFACE.

- GENERAL NOTES:**
- SWITCHES FOR CELL LIGHTS AREA TO BE OF THE CENTRE OFF TYPE. UP POSITION SHOULD TURN ON GENERAL CELL LIGHT, CENTRE POSITION IS OFF, AND BOTTOM POSITION SHOULD TURN ON NIGHT LIGHT. ACCEPTABLE PRODUCT: LEVITON 1281 TOGGLE SWITCH.
 - CONTRACTOR IS RESPONSIBLE FOR X-RAYING FLOOR AND CEILING SLAB TO ENSURE CONDUITS ARE NOT STRUCK WHEN CORING.
 - FOR MICROPHONE, PROVIDE SINGLE GANG BOX, CONDUIT BACK TO ROOM 114, AND HONEYWELL GENESIS 22221009 OR EQUIVALENT CABLE.

SYMBOL SCHEDULE

⊕	DUPLEX RECEPTACLE "GF" DENOTES GFI RECEPTACLE
⊕	240V RECEPTACLE "D" DENOTES DRYER RECEPTACLE
⊕	SINGLE GANG SWITCH "3" DENOTES 3-WAY
⊕	TWO GANG SWITCH
⊕	CENTRE OFF SWITCH
⊕	TELEPHONE JACK
⊕	DATA JACK
⊕	TELEPHONE/DATA JACK
⊕	FIRE ALARM SMOKE DETECTOR
⊕	FIRE ALARM HEAT DETECTOR
⊕	FIRE ALARM PULL STATION
⊕	FIRE ALARM BELL
⊕	CLOSED CIRCUIT CAMERA
⊕	PAGING SYSTEM SPEAKER
⊕	MICROPHONE
⊕	PANIC PUSHBUTTON
⊕	PANIC BUZZER
⊕	ELECTRICAL CONNECTION

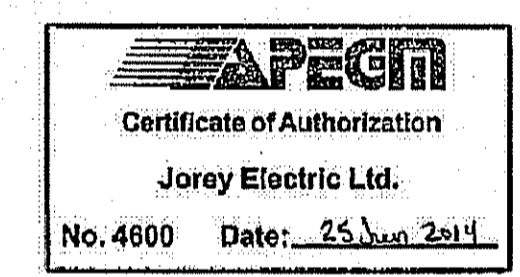
LIGHTING SCHEDULE

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
L	OUTLET BOX LAMPHOLDER. ONE-PIECE KEYLESS TOP WIRED 600W, 600V C/W WIRE GUARD	60W A19

EMERGENCY LIGHTING SCHEDULE

TYPE	DESCRIPTION
BU	BATTERY UNIT LUMACELL RG12S-72-LD9
⊕	REMOTE HEADS LUMACELL RSQBD-LD9

NOTE:
ENSURE THAT EMERGENCY LIGHTS ARE CONNECTED TO THE LIGHTING CIRCUIT FOR THE AREA THEY SERVE, SUCH THAT THE EMERGENCY LIGHTING IS AUTOMATICALLY ACTIVATED UPON LOSS OF POWER TO AREA LIGHTING.



PROJECT TITLE: THE PAS
 SHEET TITLE: ELECTRICAL CONSTRUCTION PLAN
 DATE (Y/M/D): 2014-06-25
 LOCATION: THE PAS, MANITOBA
 DRAWN BY: AZ
 CHECKED BY: JUD

TENDER
E2
 REVISION #: 00
 JOB NO. 13-075

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