	10 F 9		8		7		6	¢ V	5	F V
F										
— <b>F</b> ►										
F	DRAWING LIST:			GENI	ERAL SHEET NOT	<u>[ES:</u>		PARTITI	<u>ON TYPES:</u>	STC 51 REMOVE EXISTING GB
L	<ul><li>A101 DEMOLITION PLAN</li><li>A102 CONSTRUCTION PLAN</li><li>A103 INTERIOR ELEVATIONS, SECTIONS &amp; DETAILS</li></ul>				THESE NOTES APPLY TO ALL PRO DIMENSIONS ARE IN MILLIMETER		TED.	P1		REMOVE EXISTING GB 16-mm TYPE X GYPSUM BOARD 60 mm ACOUSTIC BATT INSULATION STAGGERING STUDS WITH EXISTING STRUCTURE 31 X 64 25 GA STEEL STUDS, 600 O.C. MAX.,
	EO.1 ELECTRICAL SYMBOLS AND ABBREVIATIONS ED2.1 Main Floor – demolition plan ED2.2 Second Floor – demolition plan			4.	DO NOT SCALE DRAWINGS, USE D DIMENSIONS ON PLANS ARE TO F CMU OR TO THE & OF STRUCTUR	FACE OF WALL STUDS,CONCRE				MIN. 25 mm AIR SPACE BETWEEN EXISTING WALL AND NEW STUD WALL EXISTING WOOD STRUCTURE TO REMAIN;
	EL2.1 MAIN FLOOR — LIGHTING PLAN EL2.2 SECOND FLOOR — LIGHTING PLAN EP2.1 MAIN FLOOR — POWER PLAN			5.	NOTED. DIMENSIONS FOR EXISTING ELEN PRIOR TO FABRICATION OR CON:		ED	P2		16 GB 38 X 89 STAGGERED WOOD STUD, 400 O.C. MAX, TO MATCH EXISTING WALL DEPTH. MODIFY BAS
	EP2.2 SECOND FLOOR — POWER PLAN E6.1 ELECTRICAL SCHEDULES				ALL DIMENSIONS AND EXISTING ( VERIFIED BY GC PRIOR TO CONS WHERE NEW DOUBLE WALLS AR	TRUCTION COMMENCEMENT.		WALL T	VDFS	PLATE AS REQUIRED. 16 GB
	M2.0 MECHANICAL DEMOLITION & RENOVATION PLA	AN – ASHERN		8.	HOLES IN EXISTING GYPSUM BOA EXISTING, SEALING JOINTS WITH ALL INTERIOR PARTITIONS ARE D	ACOUSTIC SEALANT. DIMENSIONED TO FACE OF FINI				16 TYPE X GB VAPOUR BARRIER
D				9.	GRID LINES, OR FACE OF CONCR SEAL ALL PENETRATIONS THROU STOP ALL PENETRATIONS THROU PROVIDE FIRE DAMPERS AS REQ	JGH FULL HEIGHT PARTITIONS. JGH FIRE RATED PARTITIONS.	FIRE	W1		140 BATT INSULATION 38 X 140 WOOD STUD WALL BRICK VENEER
				10.	PATCH AND MAKE GOOD ALL FLC AFFECTED BY SELECTIVE DEMOI	OORS, WALLS AND CEILINGS LITION.		CEILINC	<b>5 TYPES:</b> STC 50	
					RETURN ALL REMOVED DOORS, I CLADDING TO OWNER. CONTRACTOR MAY CHOOSE TO I FOR INTERIOR PARTITION	USE EITHER WOOD OR STEEL S	STUDS	C1	16 mm TYPE X GY 60 ACOUSTIC BATT 31 X 64 25 GA STEE	
- <del>C</del> >					NFILL ANY PENETRATIONS LEFT EQUIPMENT.		ICAL		AND NEW S	TUD CEILING, USE 25 mm RUBBER PADS TO FASTEN TO STRUCTURE
C F										
		[ <b></b>								
		DOO NO.	DR MAT TYI	PE FIN C	SIZE (W x H x T)	FRAME MAT PRO	ELEV FIN	C COL		NOTES
		105A 106A		P P	915 X 2135 X 45 915 X 2135 X 45	HM	A P A P	1		STC 51
В		ROOM NO.	<b>N</b> AME	FLOOR Mat C 1	WALLS NORTH BASE MAT FIN	EAST C MAT FIN	SOUTH C MAT FIN	WEST C MAT FI	CEILIN N C MAT	IG NOTES FIN C HT
		101	PUBLIC RECEPTION	- F	B		EXIST. P		<u>-</u>	- 1,4
		102 103	RECEPTION GENERAL OFFICE		B - P GWB P		GWB P		-	- 1, 4
		105	INTERVIEW ROOM		B GWB P	GWB P	GWB P	GWB P	GWB -	
		202	GYM KITCHEN		 B GWB P	 GWB P		GWB P		- P 5
А		203	CORRIDOR		B			GWB P		2, 3

# TO ASE

FLOOR **RSF - RESILIENT SHEET FLOORING** EP - EPOXY

BASE

RB - RUBBER BASE CB - COVED EPOXY BASE

EXIST. - EXISTING

### NOTES:

1. MAKE GOOD WALL AS REQUIRED DUE TO REMOVAL OF SECURITY BARRIER. 2. PROVIDE NEW BASE ON WEST WALL TO MATCH EXISTING. 3. PAINT ENTIRE WEST WALL.

4. PAINT FULL LENGTH OF WALLS.

7

4

TYPE: ٨ DOOR ELEVATIONS

## LEGEND:

NEW PARTITION

EXISTING

EXISTING DOOR TO REMAIN

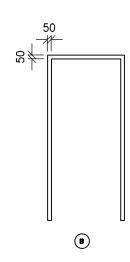
EXISTING DOOR TO BE DEMOLISHED

3

2

———— TO BE REMOVED

**———** 1 HR FRR

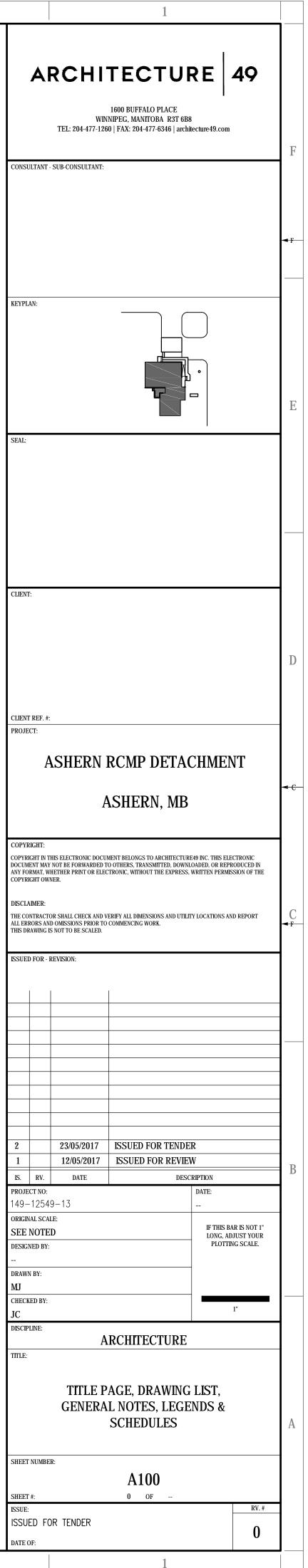


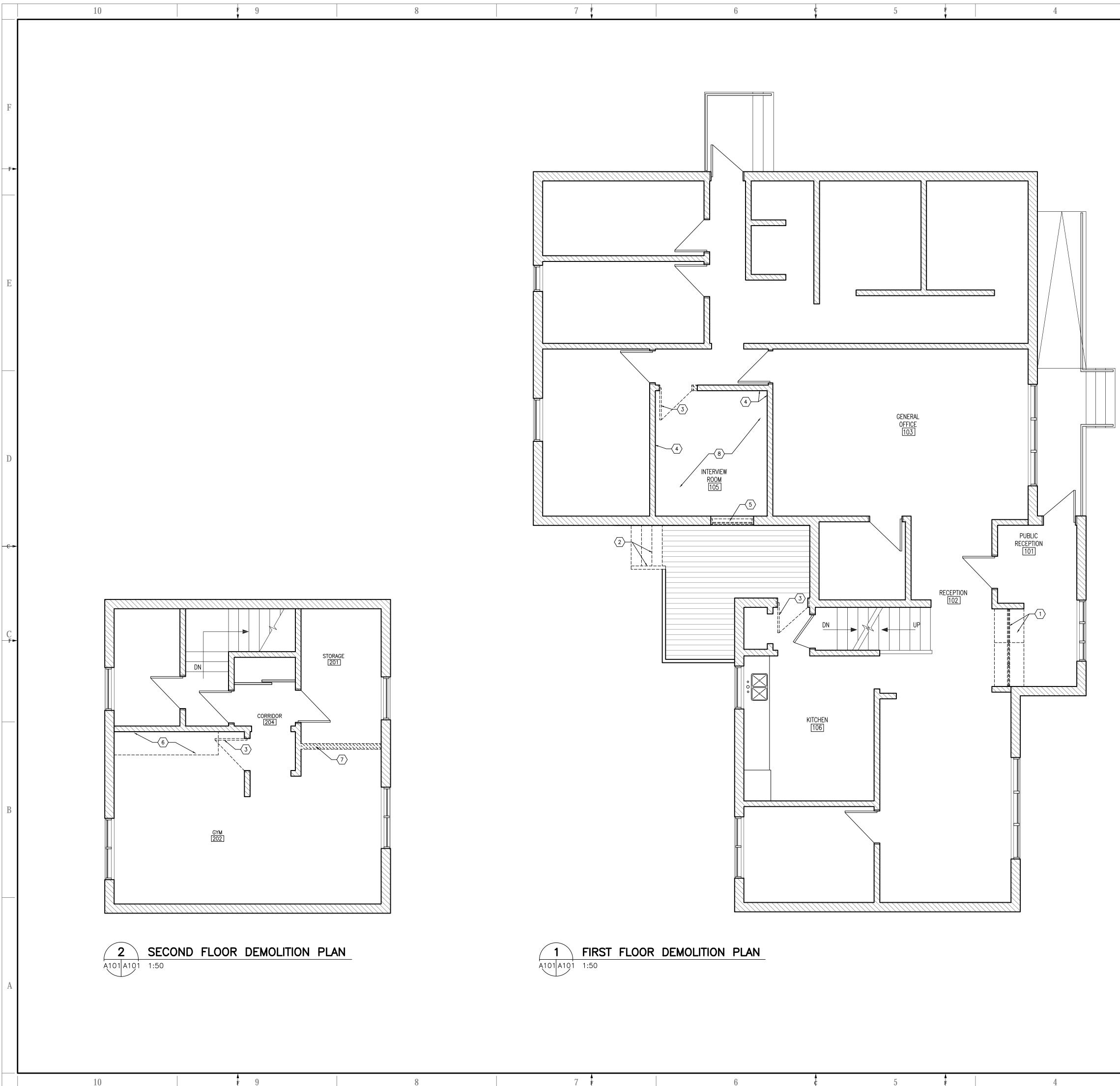
FRAME ELEVATIONS

DOORS WALLS **FINISHES** P - PAINTED

HMI - HOLLOW METAL INSULATED HM - HOLLOW METAL GWB - GYPSUM WALL BOARD

5. CUT BACK EXISTING FLOOR AS REQUIRED FOR KITCHEN CABINETS. PROVIDE NEW RUBBER BASE AT KITCHEN COUNTER TO MATCH EXISTING.





2			1					
	A	RCHI	TECTUI	RE 49				
			NIPEG, MANITOBA R3T 6B 0   FAX: 204-477-6346   arch					
	CONSULTANT	- SUB-CONSULTANT:						
		ese e	e <b>pp siepr</b> engineeri	<b>nan</b> ng				
	KEYPLAN:							
ICLUDING ALL . EXISTING								
ECK HANDRAIL TO				4				
S AND CEILING JRE TO REMAIN. INCLUDING								
VALL BASE O BE INSTALLED KE GOOD GB ON BASE.	SEAL:							
	CLIENT:							
		Roy Mou	al Canadian Gendarı nted Police du Cana	merie royale ada				
			Canadä					
		CLIENT REF. #:						
		PROJECT: ASHERN RCMP DETACHMENT						
		ASHERN, MB						
	DOCUMENT MAY	Y NOT BE FORWARDED T WHETHER PRINT OR ELEC	MENT BELONGS TO ARCHITECTUR O OTHERS, TRANSMITTED, DOWN TRONIC, WITHOUT THE EXPRESS,	LOADED, OR REPRODUCED IN				
	DISCLAIMER: THE CONTRACT ALL ERRORS AN		ERIFY ALL DIMENSIONS AND UTILI COMMENCING WORK.	TY LOCATIONS AND REPORT				
	ISSUED FOR -	REVISION:						
	2	23/05/2017 12/05/2017	ISSUED FOR TENDI					
	IS. RV. PROJECT NO:		DESC	CRIPTION DATE:				
	149–1254 ORIGINAL SCA SEE NOTE DESIGNED BY:	le: CD		IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE.				
	DRAWN BY: MJ CHECKED BY:							
	JC DISCIPLINE:	Δ	DCUITECTUDE	1"				
	TITLE:	A	RCHITECTURE					
		DE	MOLITION PLA	N				
	SHEET NUMBE SHEET #:	ER:	<b>A101</b>					
	ISSUE:	DR TENDER		RV. #				
	DATE OF:			-				

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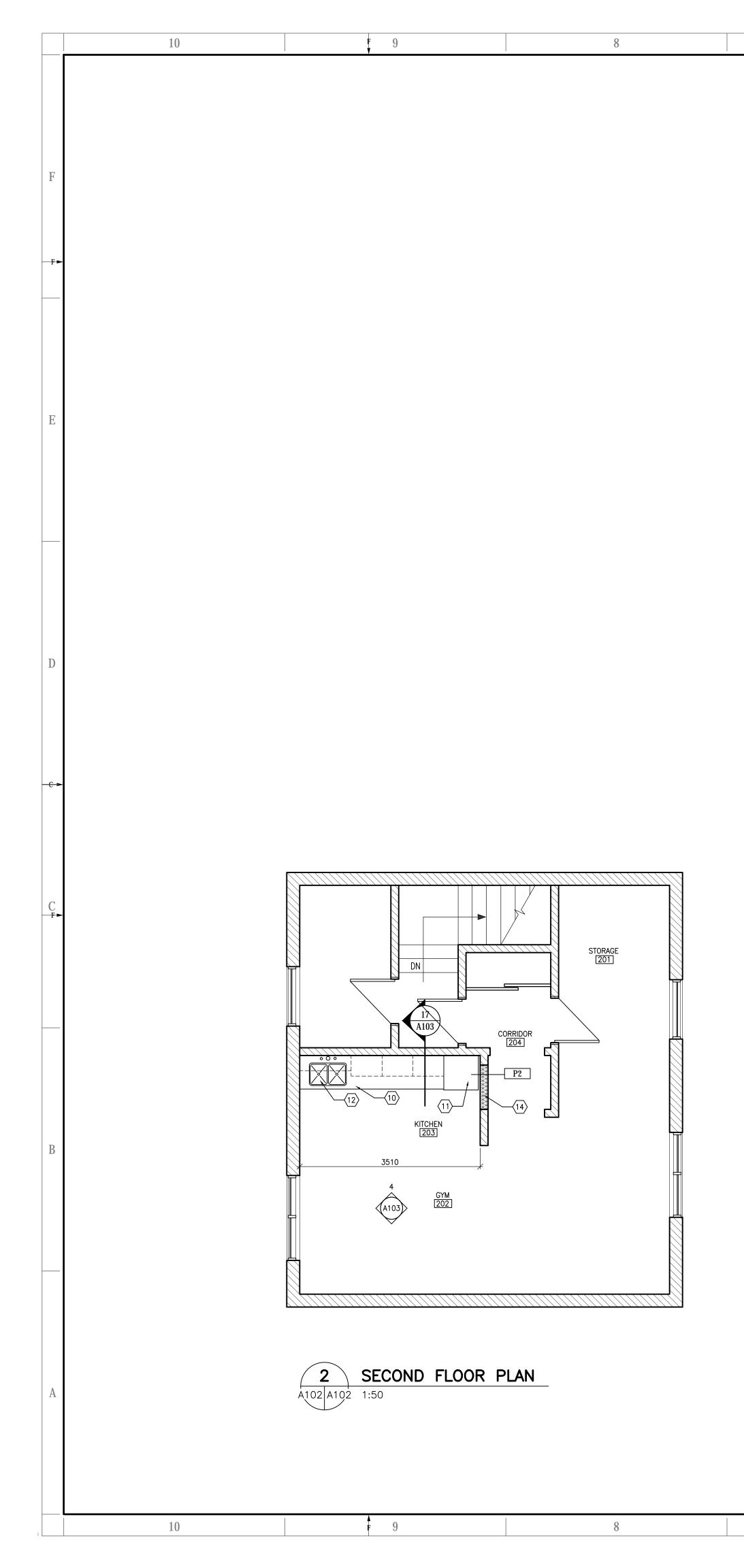
## **DEMO KEYNOTES:**

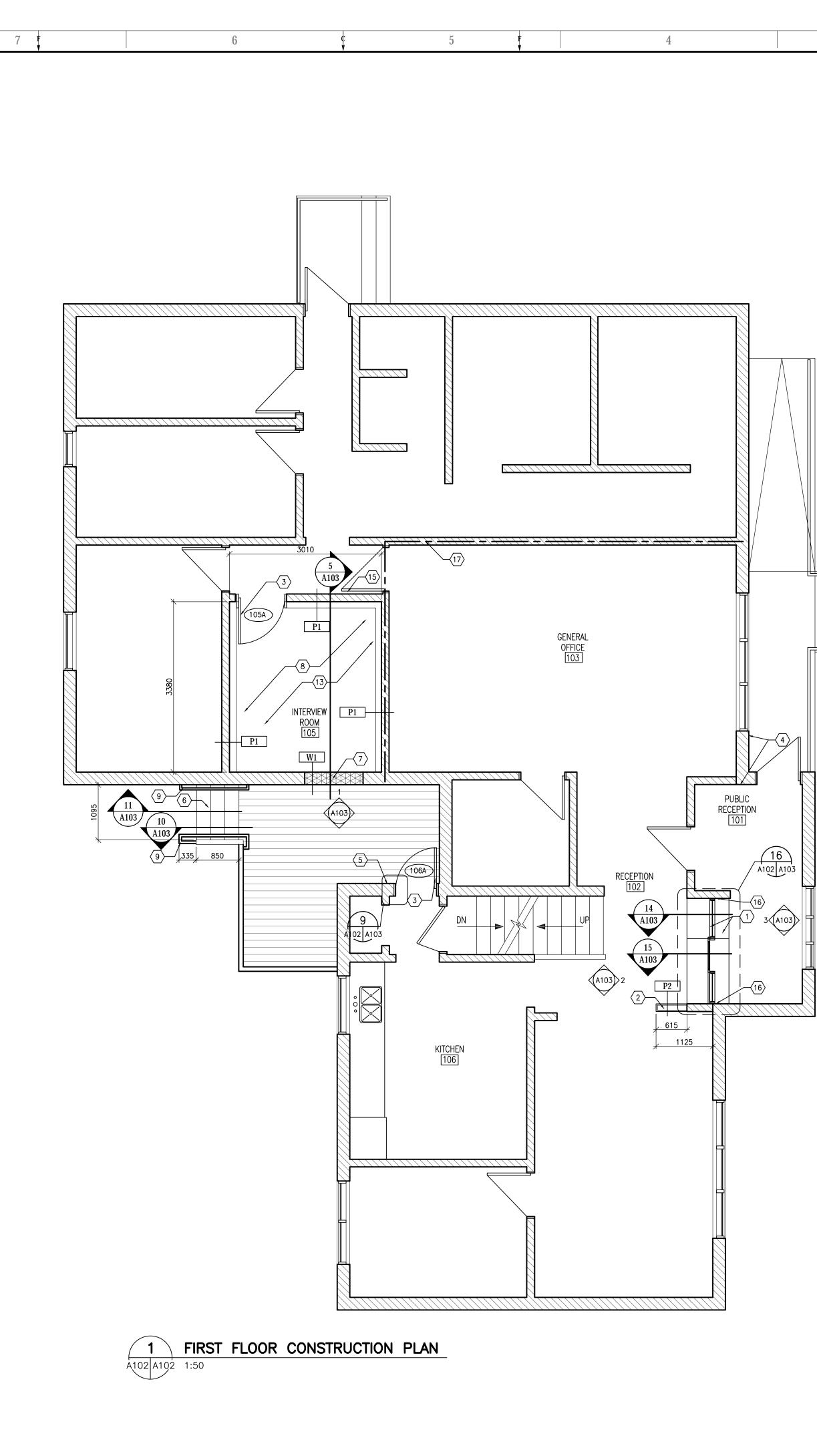
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- 1. REMOVE EXISTING COUNTER BARRIER INCLUDING ALL GLAZING, COUNTERS & CABINETS. EXISTING BULKHEAD TO REMAIN.
- 2. REMOVE BACK STEPS AND HAND RAIL. DECK HANDRAIL TO REMAIN.
- 3. REMOVE EXISTING DOOR & FRAME

F

- 4. REMOVE EXISTING GB ON INTERIOR WALLS AND CEILING STUD WALL AND CEILING STRUCTURE TO REMAIN. 5. REMOVE EXISTING WINDOW AND FRAME, INCLUDING
- METAL SILL.
- 6. CUT BACK EXISTING FLOOR FINISH AND WALL BASE
- WHERE KITCHEN CABINETS ARE TO BE INSTALLED 7. REMOVE EXISTING WALL. PATCH AND MAKE GOOD GB ON **REMAINING WALLS & CEILING.**
- 8. REMOVE EXISTING FLOORING AND WALL BASE.





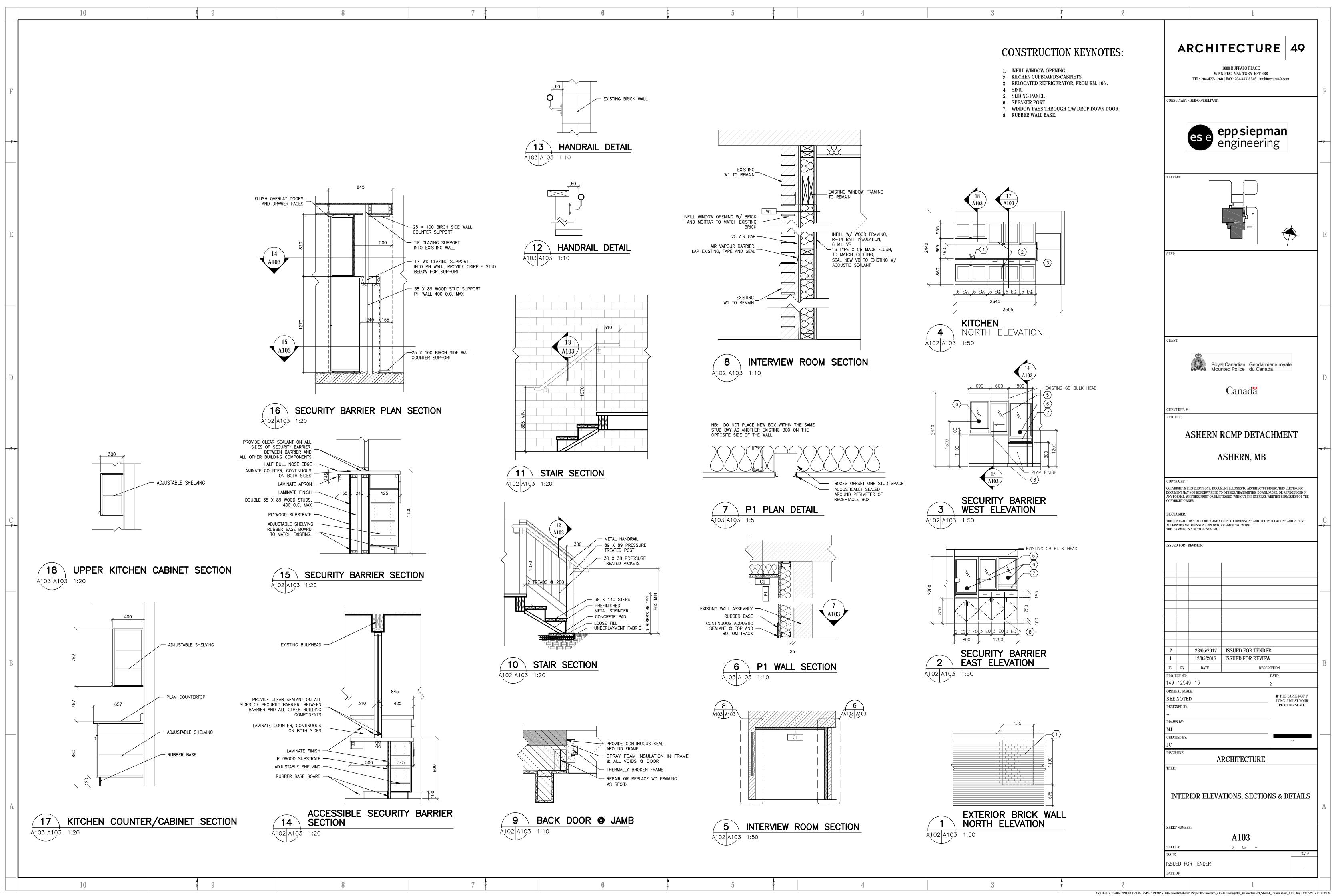
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ΟΛΙΩΤΟΙΙΟΤΙΛΝ ΚΕΥΝΟΤΕς.	ARCHITECTURE	49
CONSTRUCTION KEYNOTES: 1. SECURITY BARRIER, COUNTER & CABINETS. C/W LAMINATE FINISH ON COUNTER & CABINETS	1600 BUFFALO PLACE WINNIPEG, MANITOBA R3T 6B8 TEL: 204-477-1260   FAX: 204-477-6346   architecture	
<ol> <li>WOOD STUD WALL EXTENSION. TIE IN GB AND RUBBBER WALL BASE TO EXISTING WALL FINISHES.</li> <li>PROVIDE DOOR &amp; FRAME.</li> <li>PUSH BUTTON DOOR OPENER.</li> <li>SUMPLY CANDA ACCESS.</li> </ol>	CONSULTANT - SUB-CONSULTANT:	49.00m
<ol> <li>SWIPE CARD ACCESS.</li> <li>STEPS UP TO BACK DECK.</li> <li>INFILL WINDOW OPENING.</li> <li>PROVIDE GB CEILING, C1.</li> <li>METAL HANDRAIL.</li> </ol>	epp siepma	an
<ol> <li>KITCHEN CUPBOARDS AND COUNTERTOP.</li> <li>RELOCATED REFRIGERATOR FROM RM 106.</li> <li>SINK.</li> <li>PROVIDE EPOXY FLOORING C/W COVE EPOXY BASE.</li> </ol>	ese epp siepma engineering	5
<ol> <li>14. INFILL DOOR OPENING. TIE INTO EXISTING FINISH.</li> <li>15. ELECTRO MECHANICAL HOLD OPEN DEVICE ON PROVOST DOOR.</li> <li>16. MAKE GOOD WALL SURFACES WHERE DAMAGED BY REMOVAL OF EXISTING SECURITY BARRIER.</li> </ol>	KEYPLAN:	
17. RATED FIRE SEPARATION, 1 HR.		
		(
	SEAL:	
	CLIENT:	
	Royal Canadian Gendarmerie Mounted Police du Canada	royale
	CLIENT REF. #: PROJECT:	
	ASHERN RCMP DETACH	MENT
	ASHERN, MB	
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	DISCLAIMER: THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCA ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK. THIS DRAWING IS NOT TO BE SCALED.	TIONS AND REPORT
	ISSUED FOR - REVISION:	
		·
	2         23/12/2017         ISSUED FOR TENDER           1         05/12/2017         ISSUED FOR REVIEW           Is.         RV.         DATE         DESCRIPTION	
	I SEE MATEIN	E F THIS BAR IS NOT 1" ONG, ADJUST YOUR
	DESIGNED BY:  DRAWN BY: MJ	PLOTTING SCALE.
	CHECKED BY: JC DISCIPLINE:	1"
	ARCHITECTURE	
	CONSTRUCTION PLANS	
	SHEET NUMBER: A102	
	SHEET #: 2 OF ISSUE:	RV. #

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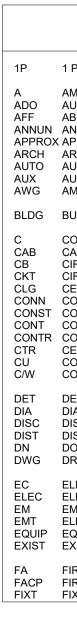
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## ELECTRICAL SYMBOL LEGEND

HT AFF	<u>SYMBOL</u>	DESCRIPTION	HT AFF	SYMBOL	DESCRIPTION	<u>HT AFF</u>	SYMBOL	DESCRIPTION	<u>HT AFF</u>	<u>SYMBOL</u>	DESCRIPTION
		LIGHTING			EQUIPMENT			LIGHTING CONTROL			FIRE ALARM
AS NOTED	HADE	SURFACE INCANDESCENT LIGHT (TYPE DENOTED	) AS NOTED	1	SPECIAL RECEPT. OR CONN. (SEE SCHEDULE)	47"	Ю	SINGLE POLE SW.	92"**	HEM	FIRE ALARM HORN
AS NOTED	HC D	SURFACE LIGHT (TYPE DENOTED)	AS NOTED	ЮŪ	JUNCTION BOX	47"	⊮∽²	2 POLE SINGLE THROW SW.	92"**	-수- H토너 110cd	FIRE ALARM HORN W/STROBE (CANDELAS)
AS NOTED	⊢ F	WALL MOUNTED FLOODLIGHT (TYPE DENOTED)		PB	PULL BOX	47"	₩ <sup>3</sup>	3-WAY SW	92"**	HED	FIRE ALARM BELL
	⊘ r	RECESSED LIGHT (TYPE DENOTED)		$\widehat{\mathbf{T}}$	AUTOMATIC DOOR OPERATOR PUSHBUTTON	47"	⊮∽ <sup>4</sup>	4-WAY SW	92"**	 H下 110cd	FIRE ALARM STROBE (CANDELAS)
PER SCHED	● AA	POLE MOUNTED LIGHT (TYPE DENOTED)	78"**		CIRCUIT BREAKER PANEL	47"	ЮD	DIMMER SWITCH	72"**	FA ANNUN	FIRE ALARM REMOTE ANNUNCIATOR
	O G	SURFACE LIGHT (TYPE DENOTED)	78"**		POWER OR DISTRIBUTION PANEL	47"	юs	OCCUPANCY SENSOR SWITCH	8"***	HOp Op	SMOKE DETECTOR (TYPE & CO DENOTED)
P1 •	) • • P2	SUSPENDED OR PENDANT LIGHT (TYPE DENOTED	) 78"**		SPECIAL CABINET (TYPE DENOTED)	47"	H•	PUSH BUTTON		H	HEAT DETECTOR (TYPE & TEMP DENOTED)
	H	RECESSED LIGHT (TYPE DENOTED)		() SF-1	MOTOR (SEE SCHEDULE)		OS IR	OCCUPANCY SENSOR - TYPE DENOTED	47"***	R/F135 R/F135 HEP	F.A. PULLSTATION
	ST1	STRIP LIGHT (TYPE DENOTED)		,	SECURITY		LS A	LIGHT LEVEL SENSOR - TYPE DENOTED		HOA	F.A. DOOR HOLDER
96"	<b>P</b> <sub>EM</sub>	EMERGENCY BATTERY LIGHT (TYPE DENOTED)			END OF LINE RESISTOR	AS NOTED	HPC	PHOTOCELL		$\searrow \bigcirc \neg$	F.A. DOOR CLOSER
	<b>_</b>	EMERGENCY LIGHT - SINGLE REMOTE HEAD		ES				RECEPTACLES	8"****	HQA QA -4 <sup>00</sup> -4 <sup>00</sup>	SELF-CONTAINED SMOKE ALARM (CO DENOTES C
		EMERGENCY LIGHT - DOUBLE REMOTE HEAD		ML	MAGNETIC LOCK	16"	Þ	DUPLEX RECEPT.	8"****	NON ON	SELF-CONTAINED AV SMOKE ALARM
12"*	HE EE	EXIT SIGN (TYPE DENOTED)		H©	COMBINATION LOCK		Ŕ	DUPLEX RECEPT MTD ABOVE COUNTER	8"***		SELF-CONTAINED CO ALARM
		GENERAL ELECTRICAL		DC	DOOR CONTACTS		þ	DUPLEX RECEPT MTD IN MILLWORK			
	$\bowtie$	LIGHT SYMBOL INDICATES EXISTING	47"***	HCR	CARD READER	36"	Þ	DUPLEX RECEPT C/W WET LOCATION COVERPLATE			
	Æ	DASHED SYMBOL INDICATES REMOVED	47"***	HE	KEYPAD	36"	Ħ	DUPLEX RECEPT C/W INTEGRAL GFI			
	#	KEYED NOTE (SEE SCHEDULE)			COMMUNICATION		ŧ	DUPLEX RECEPT NEMA 5-20R CONFIG			
	<u>/#\</u>	DEMOLITION NOTE (SEE SCHEDULE)	16"	$\mathbf{\blacktriangleleft}$	TELEPHONE OUTLET (TYPE DENOTED)						
	(##)	REVISION TAG	16"	$\blacksquare$	COMMUNICATION OUTLET (TYPE DENOTED)						
			16"	K	TELEVISION OUTLET						

	EL
FL01 A-12b	THE LIGHTING FIXTURE TYPE IS INDICATED BY UPPER THE CIRCUIT DESIGNATION IS INDICATED BY LETTERS THE SWITCH DESIGNATION IS INDICATED BY A LOWER EXAMPLE 1: LIGHTING FIXTURE TYPE "FL01" IS CONNER AND CONTROLLED BY SWITCH "b".
	EXAMPLE 2: THE FIXTURE TYPE SHOWN AS A NUMERA FIXTURES IN THE ROOM OR SPACE ARE THE SAME TY SWITCH DESIGNATION SHOWN AS A DENOMINATOR IN THE ROOM OR SPACE ARE CONNECTED TO THE SAME SWITCHES, CENTER/OUTBOARD MULTILEVEL SWITCH
H⊗↑E EX1/BU1 A-14	EXIT LIGHTS. STEM INDICATES WALL MOUNTING. NO SHADED AREA INDICATES ILLUMINATED FACE(S). ARR ON ILLUMINATED FACE(S). THE SIGNAGE TYPE IS INDI NUMBERS PRECEDING THE "/". THE ASSOCIATED BAT UPPERCASE LETTERS AND NUMBERS FOLLOWING TH INDICATED BY A NUMBER. EXAMPLE: THE WALL MOUN SINGLE FACE AND DIRECTIONAL ARROW IS CONNECT CIRCUIT 14 FROM PANEL A.
F <del>⊖</del> A-16c	DEVICES. THE CIRCUIT DESIGNATION IS INDICATED BY DESIGNATION IS INDICATED BY A LOWER CASE LETTE RECEPTACLE IS CONNECTED TO PANEL A, CIRCUIT 16 CONTROLLED BY SWITCH "c". THE CONTROL DEVICE DESIGNATION IS INDICATED BY
Ю	SINGLE POLE SWITCH "d" TO CONTROL LIGHTING FIXT
ю e	WALL BOX DIMMER WITH SIZE AS INDICATED AT DEVIC DIMMER TO CONTROL LIGHTING FIXTURES INDICATED WATTAGE IF NOT INDICATED.
(1)— <b>⊕</b> A-1,3,5	SPECIAL CONNECTIONS. THE EQUIPMENT IS INDICATE SEE THE MOTOR AND EQUIPMENT SCHEDULE FOR THE LO CONNECTION. THE CIRCUIT DESIGNATION IS INDICATI TO THE SYMBOL. EXAMPLE: EQUIPMENT NO. 1; 3 PHASE O CIRCUITS 1, 3, 5.



7 F	-	6	C	5	F 	4

# **ECTRICAL SYMBOL NOTES**

<u>LPN-102</u> 1,3,5

R CASE LETTERS AND NUMBERS. RS AND NUMBERS SEPERATED BY DASH. ER CASE LETTER. A-2,4,6 NECTED TO PANEL A, CIRCUIT 12 A-7,9 RATOR INDICATES ALL LIGHTING TYPE. THE CIRCUIT NUMBER AND R INDICATES ALL LIGHTING FIXTURES IN ME CIRCUIT, CONTROLLED BY THE SAME CHING. O STEM INDICATES CEILING MOUNTING. └ RROW INDICATES DIRECTIONAL ARROW IDICATED BY UPPER CASE LETTERS AND LPN-102 ATTERY BANK IS INDICATED BY THE "/". THE AC CIRCUIT DESIGNATION IS UNTED EXIT LIGHT TYPE "EX1" WITH CTED TO BATTERY BANK "BU1" AND AC BY A NUMBER. THE SWITCH  $\frown$ TER. EXAMPLE: SPLIT DUPLEX 16 AND ONE RECEPTACLE OUTLET IS #10 3Y A LOWER CASE LETTER. EXAMPLE: //// (TURES INDICATED BY "d". the VICE. EXAMPLE: 600 WATT WALL BOX ED BY "e". SEE SPECIFICATIONS FOR 

ATED BY A NUMBER IN A CIRCLE. OAD DESCRIPTION AND TYPE OF ATED BY A NUMBER(S) ADJACENT

E CONNECTION TO PANEL A,

MOTOR CONNECTIONS. THE MOTOR IS INDICATED BY A NUMBER WITHIN OR CHARACTERS ADJACENT TO THE MOTOR SYMBOL. SEE THE MOTOR AND EQUIPMENT SCHEDULE FOR THE MOTOR DESCRIPTION AND ELECTRICAL REQUIREMENTS. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: MOTOR SF-1; 3 PHASE CONNECTION TO PANEL A, CIRCUITS 2, 4, 6. ELECTRIC HEATER CONNECTIONS. THE HEATER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "H". SEE THE HEATER SCHEDULE FOR ELECTRICAL REQUIREMENTS. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE HEATER. EXAMPLE: ELECTRIC BASEBOARD HEATER TYPE "H10" CONNECTED TO PANEL A, CIRCUITS 7, 9.

TRANSFORMERS. THE TRANSFORMER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "T". SEE THE TRANSFORMER SCHEDULE OR THE SINGLE LINE DIAGRAM FOR THE TRANSFORMER DESCRIPTION AND REQUIREMENTS. EXAMPLE: TRANSFORMER TYPE "T1".

PANELBOARDS. PANELBOARD DOORS MAY BE SHOWN TO INDICATE OPENING SIDE OF RECESSED PANELBOARDS. SEE PANELBOARD IDENTIFICATION FOR DESIGNATION CODES.

KEYNOTE. SEE THE KEYED NOTES ON THAT SHEET FOR THE NOTE NUMBER INDICATED.

CONDUIT SHOWN WITHOUT SLASH MARKS SHALL CONTAIN 2 # 12 CONDUCTORS IN 3/4" CONDUIT UNLESS SPECIFIC EQUIPMENT REQUIRES A DIFFERENT SIZE.

CONDUIT SHOWN WITH SLASH MARKS SHALL CONTAIN 1 # 12 CONDUCTOR PER SLASH MARK IN 3/4" CONDUIT UNLESS A CONDUCTOR AND CONDUIT SIZE IS SHOWN ADJACENT TO THE SLASH MARKS. SLASH MARK INDICATORS ARE: SHORT STRAIGHT=PHASE CONDUCTOR, LONG STRAIGHT=NEUTRAL CONDUCTOR, SHORT BENT ENDED=SWITCH LEGS, LONG STRAIGHT WITH A DOT=GROUND CONDUCTOR, CHEVRON=CATEGORY 6, HALF CHEVRON=CATEGORY 3, TWIST=SHIELDED TWISTED PAIR, CONCENTRIC CIRCLE AND DOT=COAX CABLE.

HOME RUN TO BRANCH CIRCUIT PANELBOARD. THE PANELBOARD DESIGNATION IS SHOWN ADJACENT TO THE HOME RUN ARROW AS A NUMERATOR AND THE CIRCUIT DESIGNATION IS SHOWN AS THE DENOMINATOR. CIRCUIT BREAKER SIZES (AMPS/NUMBER OF POLES) ARE SHOWN IN THE PANELBOARD SCHEDULE WITH THE CORRESPONDING PANELBOARD AND CIRCUIT DESIGNATION. EXAMPLE: HOME RUN TO PANELBOARD LPN-102; CIRCUITS 1, 3, 5.

SYMBOL NOTATIONS: UPPER CASE LETTERS ADJACENT TO SYMBOLS INDICATE A UNIT TYPE. SEE APPROPRIATE SCHEDULE OR SPECIFICATIONS.

NTS NOT TO SCALE

## ELECTRICAL ABBREVIATIONS LIST

POLE (2P, 3P, 4P, ETC.)	FLR FR	FLOOR REFRIGE
MPERE UTOMATIC DOOR OPENER BOVE FINISHED FLOOR	GC GFI	GENERAI GROUND
NNUNCIATOR PPROXIMATELY RCHITECT, ARCHITECTURAL	GYP BD	INTERRU GYPSUM
UTOMATIC UXILIARY	HORIZ HT	HORIZON HEIGHT
MERICAN WIRE GAUGE UILDING	HTR HVAC	HEATER HEATING AIR CONI
ONDUIT ABINET IRCUIT BREAKER IRCUIT	INCAND IPLC	INCANDE INTELLIG CONTROI
EILING ONNECTION ONSTRUCTION	J-BOX	JUNCTIO
ONTINUATION OR CONTINUOUS	KW	KILOWAT
ONTRACTOR ENTER OPPER OMPLETE WITH	LOC LT LTG	Locate Light Lighting
ETAIL IAMETER ISCONNECT ISTRIBUTION OWN RAWING	MAX MCB MDC MDP MEC MFR MFS	MAXIMUM MAIN CIR MAIN DIS MAIN DIS MECHAN MANUFAG MAIN FUS
LECTRICAL CONTRACTOR LECTRIC, ELECTRICAL MERGENCY LECTRICAL METALLIC TUBING QUIPMENT XISTING	MIN MISC MLO MT MTD MW	MINIMUM MISCELL MAIN LUC MOUNT MOUNTE COORDIN
IRE ALARM IRE ALARM CONTROL PANEL IXTURE	NEC NIC NL	NATIONA NOT IN C NIGHT LI

GERATOR	iii e	1011000,22
GERATOR RAL CONTRACTOR ND FAULT CIRCUIT RUPTER JM BOARD	PED PH PNL PVC	PULL BOX OR PUSHBUTTON PEDESTAL PHASE PANEL POLYVINYL CHLORIDE (CONDUIT) POWER
CONTAL IT	QUAN	
ER NG, VENTILATING AND DNDITIONING	R RCPT REQD	RELOCATED RECEPTACLE REQUIRED
IDESCENT LIGENT PARKING LOT ROLLER	SIM	SHEET SIMILAR
FION BOX	SPEC SP	SPARE SUMP PUMP
/ATT	SURF	SURFACE MOUNTED SWITCH
TE OR LOCATION	SYM	SYMMETRICAL SYSTEM
ING	TEL/DAT	TELEPHONE/DATA
IUM CIRCUIT BREAKER	TYP	TYPICAL
DISTRIBUTION CENTER DISTRIBUTION PANEL ANICAL CONTRACTOR FACTURER	UH	UNDER COUNTER UNIT HEATER UTILITY
FUSED DISCONNECT SWITCH UM :LLANEOUS LUGS ONLY	V VA VERT	VOLT VOLT-AMPERES VERTICAL
T TED DINATED IN MILLWORK	WG	WATT WITH WIRE GUARD WITHOUT
NAL ELECTRICAL CODE N CONTRACT 'LIGHT		WEATHERPROOF

	GENERAL ELECTRICAL NOTES
A.	THE GENERAL NOTES AS DESCRIBED HEREIN, APPLY TO ALL DRAWINGS II
В.	PACKAGE WHERE APPLICABLE. PENETRATIONS IN WALLS OR SEPERATIONS, REQUIRING PROTECTED OPE
C.	SHALL BE FIRESTOPPED WITH AN APPROVED MATERIAL. EXPOSED WIRING SHALL NOT BE PERMITTED. WIRING SHALL BE RECESSE
	WALL, OR WHERE WALLS ARE NOT ACCESSIBLE DUE TO WALL CONSTRUC (CONCRETE BLOCK, CONCRETE, BRICK, ETC), PROVIDE CONDUIT AS REQU CONCEAL SAME.
D.	REFER TO ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND DETAILS, INC MILLWORK DETAILS AND SHOP DRAWINGS FOR COORDINATION OF ELECT
	DEVICE LOCATIONS, METHOD OF INSTALLATION & MOUNTING HEIGHTS. ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND DETAILS TAKE PRECED
F	OVER LOCATIONS SHOWN ON ELECTRICAL DRAWINGS.
E.	UNLESS NOTED OTHERWISE, THE CIRCUITING INDICATED ON THE DRAWIN REPRESENTATIONAL ONLY. CONFIRM CIRCUITING REQUIREMENTS ON SIT
F.	CIRCUIT NUMBERS AT DEVICES CORRESPOND TO PANELBOARD BREAKER PANELBOARD SCHEDULE). BRANCH CIRCUITS SHALL BE SIZED ACCORDIN
	THE CIRCUIT BREAKER RÁTING AND VOLTAGE DROP REQUIREMENTS, UNL INDICATED OTHERWISE ON THE ELECTRICAL EQUIPMENT SCHEDULE.
G.	MINIMUM CONDUIT SIZE SHALL BE 21mm (3/4") UNLESS NOTED OTHERWISE
H.	CONDUIT AND WIRE SHALL NOT BE INSTALLED BELOW FLOOR SLAB UNLES INDICATED ON PLAN BY DASHED CONDUIT/LINE.
<b>I.</b> J.	EMPTY CONDUIT SHALL BE C/W PULL WIRE AND PLASTIC BUSHINGS. ALL RECESSED LIGHTING FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALL
	WITH 6' LONG FLEXIBLE METAL CONDUIT.
K.	WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN INDIVIDU/ RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED
L.	CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL ELECTRICAL ITEN SHOWN ON THE DRAWINGS, INCLUDING THE FOLLOWING, UNLESS NOTED
	OTHERWISE:
M.	REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASE DEMOLITION AND CONSTRUCTION. COORDINATE WITH GENERAL CONSTRU
N.	AS INDICATED IN THE GENERAL NOTES, DEMOLITION NOTES, AND KEYNOT
	THIS DRAWING PACKAGE, UNLESS NOTED OTHERWISE, THE TERM "DEMOI SHALL INCLUDE THE COMPLETE REMOVAL OF THE EXISTING ITEM IDENTIF
	ASSOCIATED WIRING, CONDUIT AND JUNCTION BOXES BACK TO LAST REM DEVICE OR SOURCE. CIRCUITS FREED UP FROM DEMOLISHED ELECTRICA
	BECOME SPARE. REFER TO THE RENOVATION DRAWING KEY NOTES FOR
О.	FURTHER REQUIREMENTS. AS INDICATED IN THE GENERAL NOTES, DEMOLITION NOTES, AND KEYNOT
	THIS DRAWING PACKAGE, UNLESS NOTED OTHERWISE, THE TERM "REMO' REPLACE" SHALL INCLUDE THE COMPLETE REMOVAL & REPLACEMENT OF
	EXISTING ITEM IDENTIFIED IN ITS CURRENT LOCATION, WITH A NEW ITEM,
	UTILIZING THE EXISTING OUTLET BOX AND WIRING. REFER TO THE RENOV DRAWING KEY NOTES FOR FURTHER REQUIREMENTS.
P.	AS INDICATED IN THE GENERAL NOTES, DEMOLITION NOTES, AND KEY NO
	UNLESS NOTED OTHERWISE, THE TERM "RELOCATE" SHALL INCLUDE THE COMPLETE RELOCATION OF THE EXISTING ITEM IDENTIFIED IN ITS CURREI
	LOCATION ON THE DEMOLITION DRAWINGS, TO THE NEW LOCATION AS INI ON THE RENOVATION DRAWINGS. INCLUDE ALL LABOUR AND MATERIALS
	REROUTE/EXTEND/REFEED THE EXISTING CIRCUITRY AS REQUIRED TO
	ACCOMMODATE THE RELOCATION. REFER TO THE RENOVATION DRAWING NOTES FOR FURTHER REQUIREMENTS.
Q.	SITE CONFIRM ANY ELECTRICAL WITHIN AREAS OF RENOVATION REQUIRING RELOCATION TO ACCOMMODATE THE RENOVATION.
R.	PROVIDE WIRE AND CONDUIT AS REQUIRED FOR CONTINUITY OF ANY FEE
	OR BRANCH CIRCUITS ORIGINATING OUTSIDE THE DEMOLITION AREA THA SERVES ANY ELECTRICAL EQUIPMENT OR DEVICES TO REMAIN AFTER
S.	DEMOLITION. MODIFY OR REPLACE AS REQUIRED. PROVIDE CONDUIT AND/OR COMMUNICATIONS/DATA WIRING AS NECESSA
3.	CONTINUITY OF ANY COMMUNICATIONS/DATA SYSTEMS ORIGINATING OUT
	THE DEMOLITION AREA THAT SERVES ANY COMMUNICATIONS/DATA EQUIF OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REC
Т.	PROVIDE BLANK COVERPLATES OVER ALL EXISTING UNUSED OPENINGS.
U.	DEMOLISH ALL ELECTRICAL DEVICES IN WALLS TO BE DEMOLISHED. WALL DEMOLISHED ARE SHOWN DASHED. DISCONNEC AND REMOVE ASSOCIATE
V.	ALL NEW WIRING SHALL BE CONCEALED WHERE POSSIBLE. UTILIZE CRAW AND/OR ACCESSIBLE CEILING SPACE TO RUN NEW WIRING AS REQUIRED
1.47	FISH INTO WALLS/MILLWORK.
W.	WHERE EXISTING WALLS ARE TO BE OPENED FOR INSTALLATION OF NEW COORDINATE WITH GENERAL CONTRACTOR ROUTING OF SAME. ARRANGE
X.	PAY FOR ALL CUTTING/REPAIR/PATCHING AS REQUIRED. WHERE BRANCH CIRCUIT BREAKERS ARE REMOVED. PROVIDE FILLER PLA
	FOR BREAKER SPACES.
Υ.	CIRCUIT BREAKERS SHALL MATCH EXISTING. CONFIRM SHORT CIRCUIT RA AND TYPE ON SITE, PRIOR TO FINALIZING PRICING.
Z.	UTILIZE SPARE/FREED UP CIRCUITS FROM DEMOLITION AS REQUIRED TO ACCOMODATE THE ADDITIONAL CIRCUITING REQUIREMENTS IN THE RENO
A A	

ACCOMODATE THE ADDITIONAL CIRCUITING REQUIREMENTS IN THE REN PROVIDE NEW TYPEWRITTEN PANEL DIRECTORIES TO ACCOMMODATE AA. CIRCUITING. NEW BREAKERS IN DISTRIBUTION PANELS SHALL BE LABELI USING LAMACOIDS.

## SPECIFIC CODE NOTE

FIRE PROTECTION REQUIREMENTS

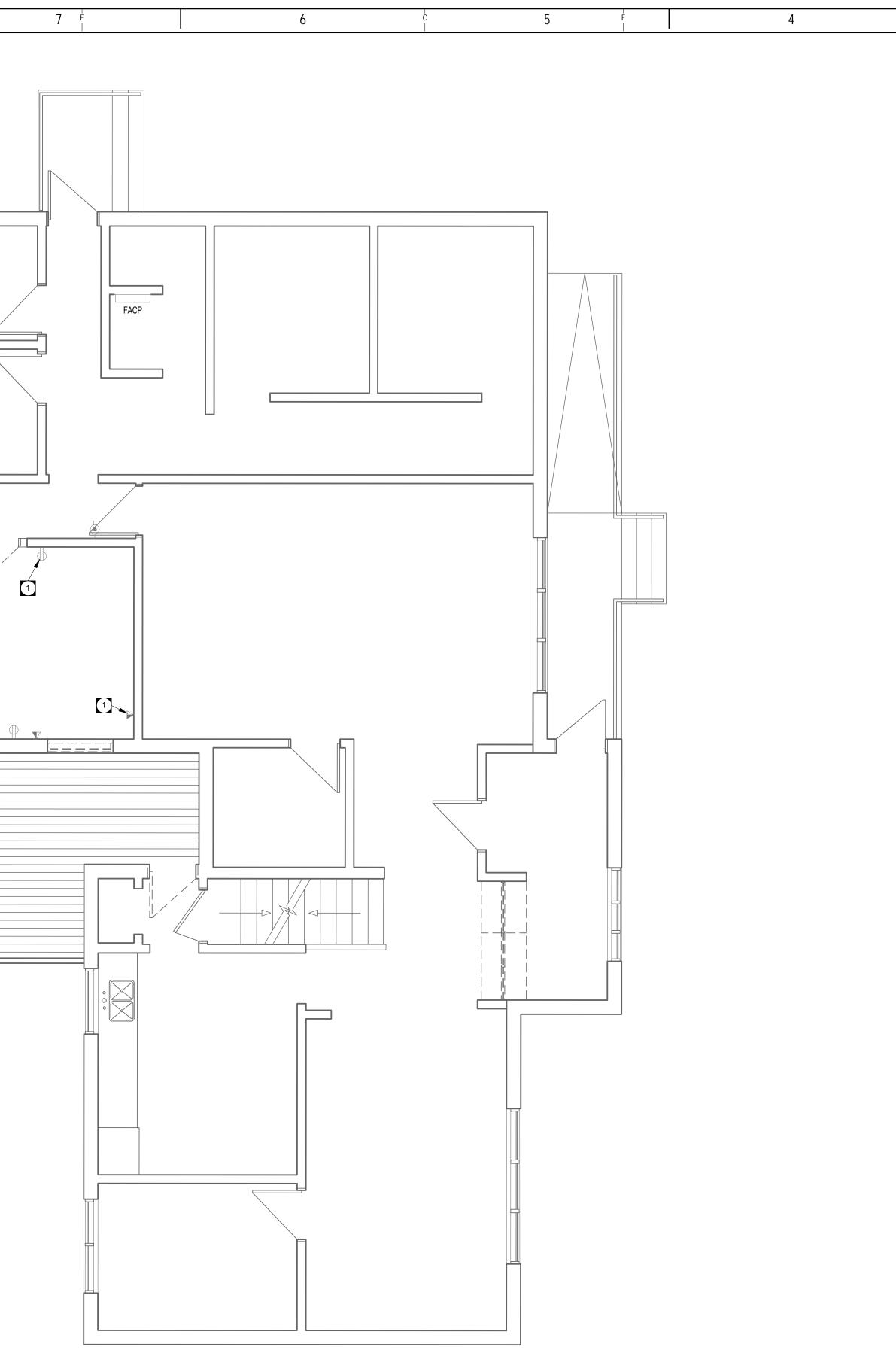
- A. PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS MUST BE FIREST WITH AN APPROVED MATERIAL.
- 1. CONDUITS MAY PENETRATE WALLS OR PARTITIONS, PROVIDED THEY ARE 2. OPENINGS FOR STEEL ELECTRICAL BOXES NOT EXCEEDING 16 SQUARE ARE PERMITTED PROVIDED OPENINGS DO NOT AGGREGATE MORE THAN
- SQUARE INCHES FOR ANY 100 SQUARE FEET OF WALL OR PARTITION. 3. OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES.
- B. LIGHT FIXTURES AND OTHER APPARATUS INSTALLED IN AN ACOUSTICAL CEILI SHALL BE INDEPENDENTLY SUPPORTED.
- C. RECESSED LIGHTING FIXTURES INSTALLED IN FIRE RATED CEILING ASSEMBL BE FIRE RATED FIXTURES BEARING THE ULC FIRE RATED LABEL. FIXTURES SH INSTALLED IN ACCORDANCE WITH THE ULC FIRE RESISTANCE DIRECTORY, AN INCLUDE A FIRE RATED ENCLOSURE INSTALLED OVER THE FIXTURE THAT MEE REQUIREMENTS OF THE ULC FIRE RESISTANCE DIRECTORY.

# **ELECTRICAL DRAWIN**

RCMP OF	FICE - ASHERN
E0.1	ELECTRICAL SYMBOLS AND ABBREVIATIONS
ED2.1	MAIN FLOOR - DEMOLITION PLAN
ED2.2	SECOND FLOOR - DEMOLITION PLAN
EL2.1	MAIN FLOOR - LIGHTING PLAN
EL2.2	SECOND FLOOR - LIGHTING PLAN
EP2.1	MAIN FLOOR - POWER PLAN
EP2.2	SECOND FLOOR - POWER PLAN
E6.1	ELECTRICAL SCHEDULES

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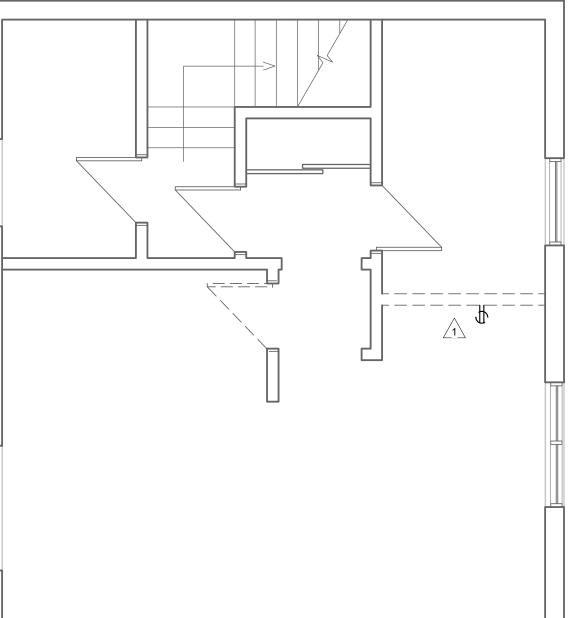
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KEY NOTES

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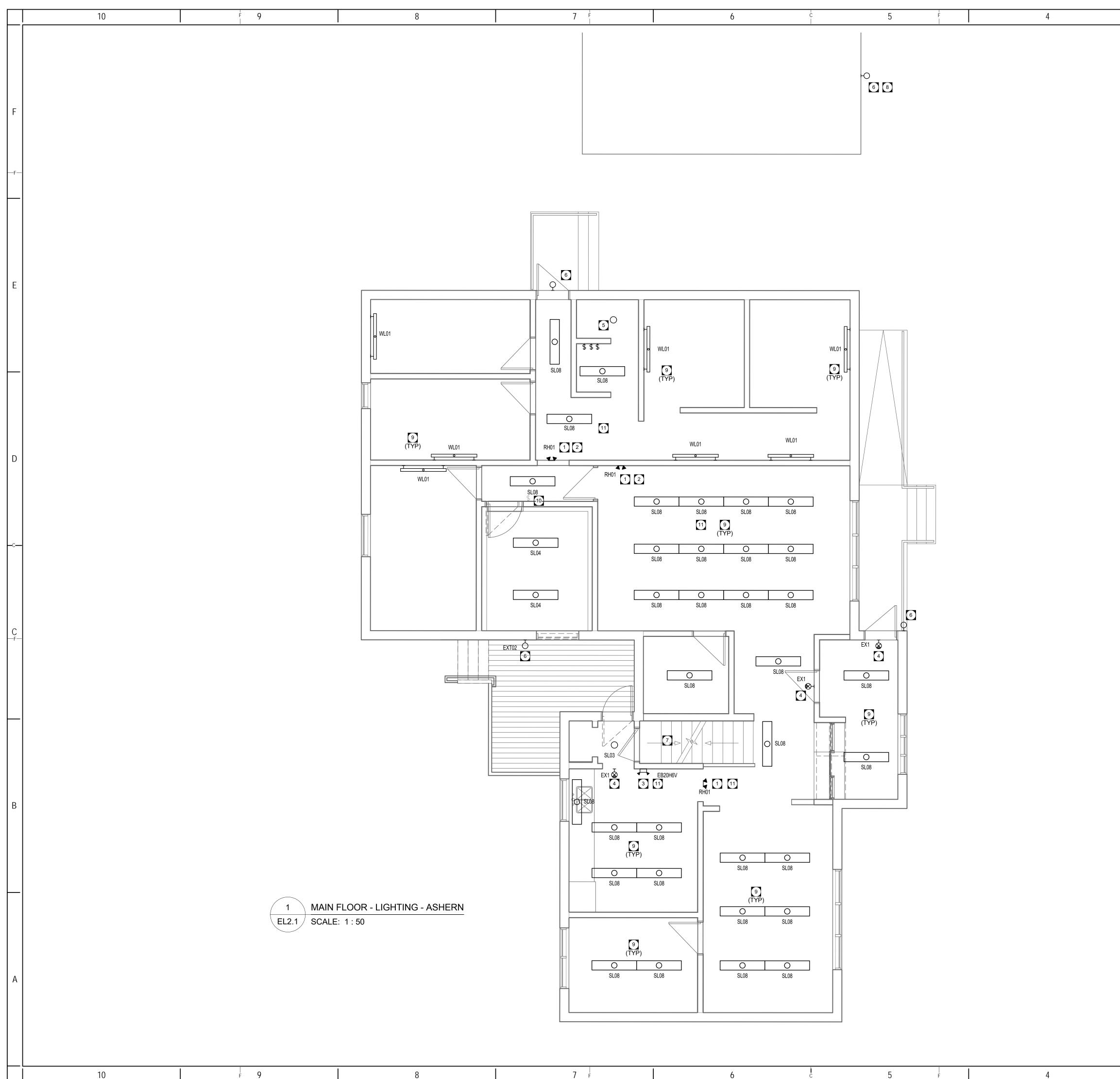
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## GENERAL NOTES

- DRAWING RECORDS OF THE EXISTING FLOOR PLANS HAVE BEEN COMPILED FROM INFORMATION SUBMITTED BY THE OWNER AND FROM SITE OBSERVATIONS AS NOTED BY THE CONSULTANT. THE ACCURACY OI THESE DRAWING RECORDS IS LIMITED TO THE EXTENT OF KNOWN CONSTRUCTION INFORMATION. WIRING OF LIGHT FIXTURES TO BE MODIFIED AND EXTENDED AS REQUIRED. UTILIZE EXISTING CIRCUITS AND CONTROL UNLESS OTHERWISE NOTED. Α. В.

## KEY NOTES

1 DEMOLISH ALL ELECTRICAL IN WALL TO BE REMOVED.



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## GENERAL NOTES

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- WHERE NEW TOGGLE SWITCHES, OR DIMMER CONTROLS ARE ADJACENT Α. EACH OTHER, PROVIDE GANGED SWITCHING TO ACCOMODATE TOTAL
- В.
- EACH OTHER, PROVIDE GANGED SWITCHING TO ACCOMODATE TOTAL NUMBER OF SWITCHES, UNLESS NOTED OTHERWISE. ALL RECESSED LIGHTING FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALLED WITH 6' LONG FLEXIBLE METAL CONDUIT. ALL MOUNTING HEIGHTS FOR LUMINAIRES ARE TO THE BOTTOM OF THE LUMINAIRE UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR OF INTERIOR LUMINAIRES C.
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## **KEY NOTES**

- ALL EMERGENCY REMOTE HEAD FIXTURES TO BE WIRED AND CONNECTED TO BATTERY BANK IN MECHANICAL ROOM. 1 REMOVE AND REPLACE ALL EXISTING EMERGENCY LIGHTING REMOTE 2
- HEADS. REMOVE AND REPLACE BATTERY BANK. 3
- REMOVE AND REPLACE EXIT SIGNS WITH PICTOGRAM STYLE EXIT SIGNS, 4 REMOVE EXISTING LAMP AND REPLACE WITH A19 LED LAMP WITH MEDIUM 5
- BASE REMOVE AND REPLACE WALL LIGHT FIXTURES. UTILIZE EXISTING CONTROL. REMOVE AND REPLACE FOLLOWING FIXTURES IN BASEMENT:
- SIX 4' FLUORESCENT FIXTURES WITH RL08 FIXTURES TWO LAMPS WITH LAMPS WITH A19 LED LAMP WITH MEDIUM BASE IN BASEMENT ONE REMOTE HEAD
- LIGHT FIXTURE IS LOCATED ON DETACHED GARAGE. 8 CIRCUIT NEW LIGHT FIXTURES TO EXISTING POWER AND CONTROL.
- RELOCATE SWITCH TO OUTSIDE OF ROOM. 10 CONNECT LIGHTING CIRCUITS THIS AREA TO ZONE SENSING RELAY FOR CORRESPONDING EMERGENCY LIGHTING BATTERY UNIT. 11

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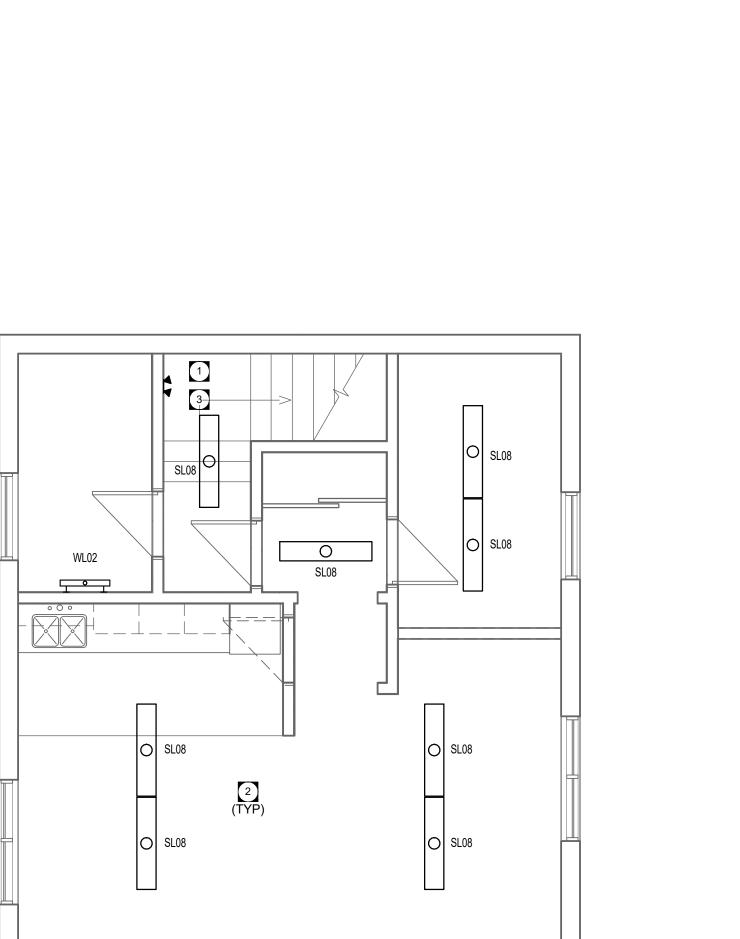
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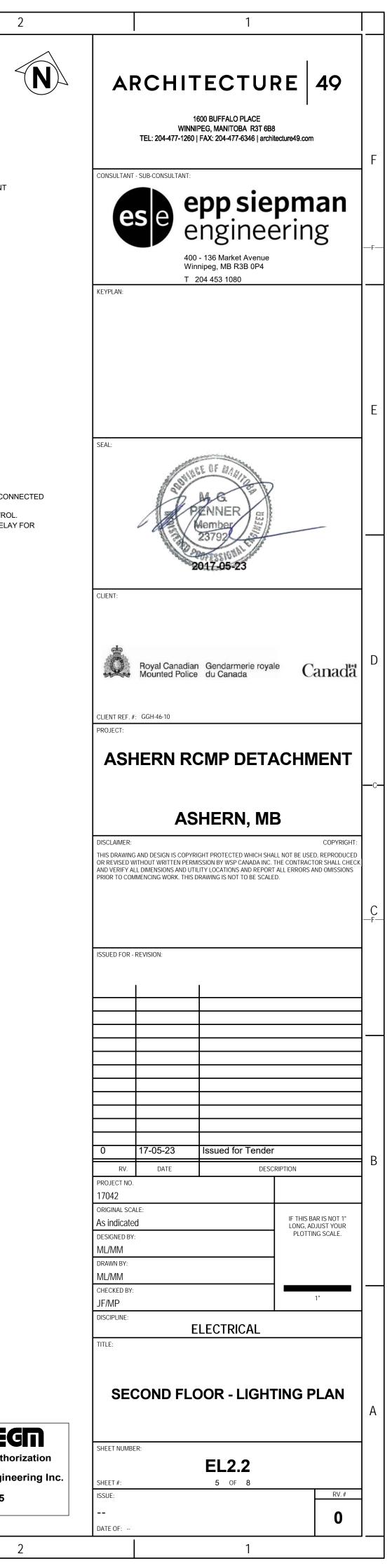
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KEY NOTES

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GENERAL NOTES

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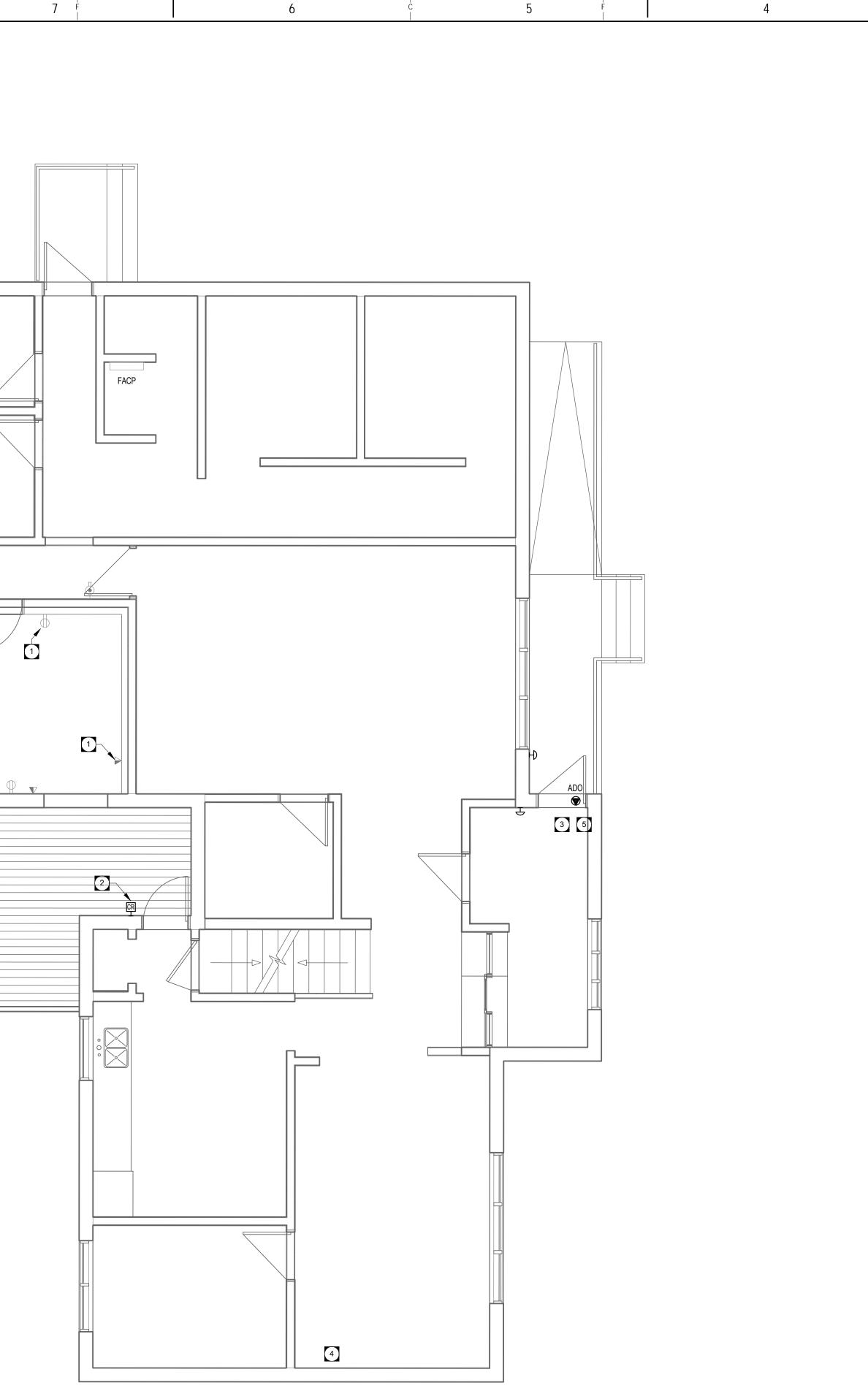
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- CONNECT LIGHTING CIRCUITS THIS AREA TO ZONE SENSING RELAY FOR CORRESPONDING EMERGENCY LIGHTING BATTERY UNIT.

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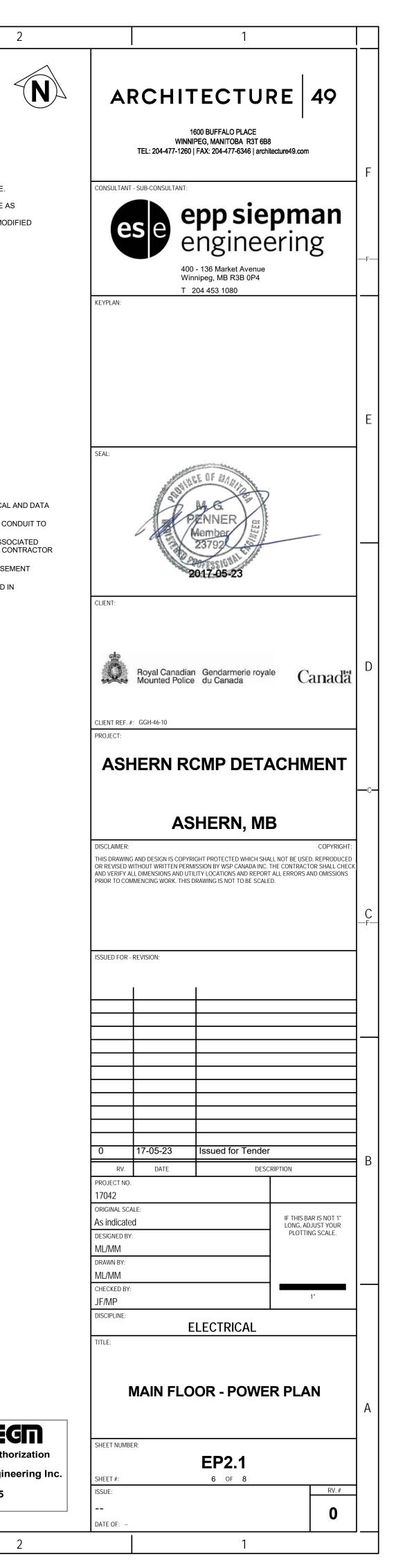


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## GENERAL NOTES

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FINAL CONNECTION TO ALL MECHANICAL EQUIPMENT SHALL BE FLEXIBLE. Α. CONFIRM FINAL CIRCUIT BREAKER AND WIRE SIZE WITH MECHANICAL EQUIPMENT SHOP DRAWINGS. ADJUST CIRCUIT BREAKER AND WIRE SIZE AS REQUIRE WITHOUT ADDITIONAL COST TO OWNER. PROVIDE RE-VERIFICATION OF FIRE ALARM SYSTEM FOR ALL NEW AND MODIFIED В. DEVICES.

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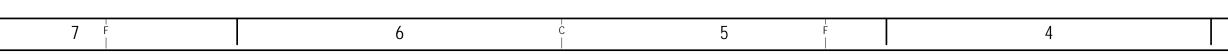
## **KEY NOTES**

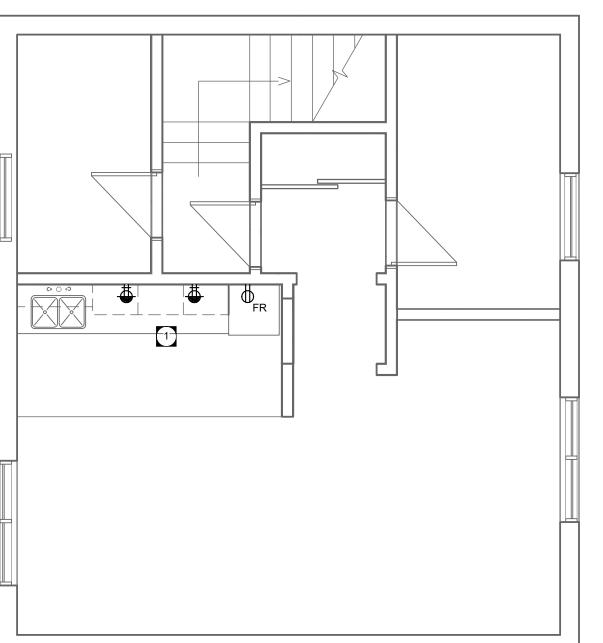
- THIS WALL TO BE RE-BUILT. RELOCATE ALL EXISTING ELECTRICAL AND DATA TO NEW WALLS. 1
- PROVIDE ROUGH IN ONLY FOR CARD ACCESS COMPLETE WITH CONDUIT TO ACCESSIBLE CEILING SPACE IN BASEMENT.
- WIRE AND CONNECT BARRIER FREE DOOR OPERATORS C/W ASSOCIATED CONTROLS. CONFIRM REQUIREMENTS WITH DOOR HARDWARE CONTRACTOR AND DOOR OPERATOR EQUIPMENT SHOP DRAWINGS.
- TWO 200A 120/240V FEDERAL PIONEER PANELS LOCATED IN BASEMENT ALONG SOUTH WALL.
- CIRCUIT TO OPEN SPACE IN FEDERAL PIONEER PANEL LOCATED IN BASEMENT, PROVIDE ONE 15A/1P BREAKER. 5

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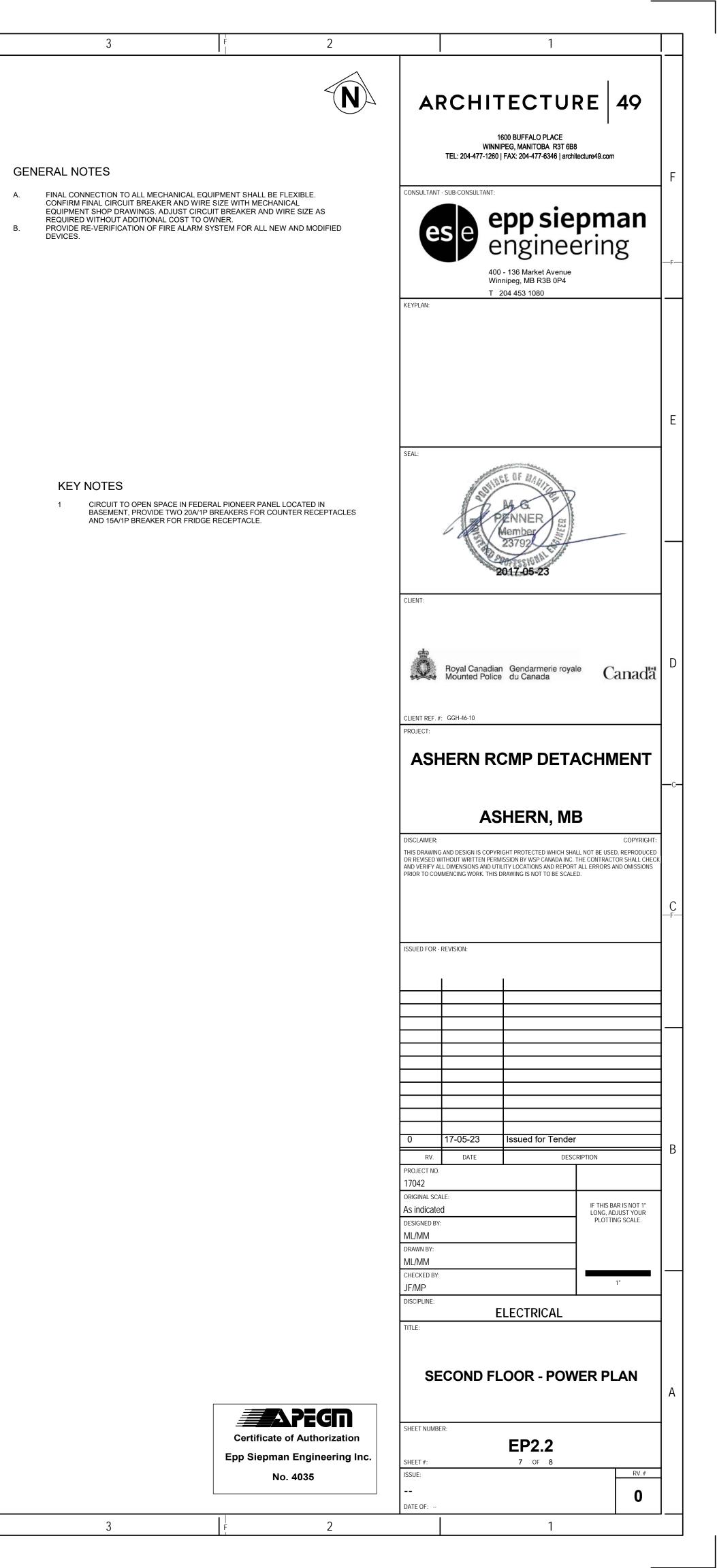






1 SECOND FLOOR - POWER & SYSTEMS - ASHERN EP2.2 SCALE: 1:50

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TYPE	Description	LENS-LOUVER	MOUNTING	LAMP	BALLAST / DRIVER	VOLT	WATT	MFR	CATALOG SERIES	NOT
EX1	LED UNIVERSAL MOUNT, UNIVERSAL VOLTAGE, UNIVERSAL SINGLE/DOUBLE FACE PICTOGRAM STYLE EXIT SIGN WITH WHITE STEEL HOUSING AND CHEVRON ARROWS AS SHOWN ON PLANS.		UNIVERSAL	< 3W LED MIN 50000 HR		120 V	3 W	AIMLITE	RPST-U-M	
EXT02	EXTERIOR LED WALL LIGHT FIXTURE		WALL	5000 LUMENS 20 LED 4000K	LED DRIVER	120 V	47 W	LITHONIA	DSXW1 LED-20C-700-40K-T3 M-MVOLT-DDBXD	
RH01	DOUBLE HEAD EMERGENCY LIGHTING REMOTE. DIE CAST ALL METAL CONSTRUCTION. WHITE		WALL	2 x 6W LED 50000HR 540 LUMENS		12 V	12 W	AIMLITE	RMQVD	
SL01	A19 LED LAMP WITH MEDIUM BASE			LED 850 LUMEN 4000K		120 V	10 W	LED LAMP	LED LAMP	
SL03	7" ROUND LED FLUSH MOUNT		SURFACE	660 LUMENS LED 4000K 50,000 HR	LED DRIVER	120 V	9 W	LITHONIA	FMML-7-8-40	
SL04	254mm x 1220mm (10" X 4') HIGH ABUSE LED FIXTURE WITH TAMPER RESISTANT HARDWARE	0.125" IMPACT RESISTANT CLEAR PRISMATIC POLYCARBONAT E DIFFUSER	SURFACE	5000 LUMENS LED 82+CRI 4000K	LED DRIVER	120 V	50 W	NEWSTAR	51HBR-L2-42-1-B-12- AH	
SL08	254mm x 1220mm (10" X 4') LOW PROFILE CURVED BASKET LED WRAP AROUND	CURVED PRISMATIC DIFFUSER	SURFACE	4600 LUMENS LED 82+CRI 4000K	0-10 VDC DIMMABLE LED DRIVER	120 V	41 W	LITHONIA	LBL4LP840	
WL01	CORNER LUMINAIRE NON-CLAMSHELL FOR MAX SECURITY USE COMPLETE WITH NIGHTLIGHT		SURFACE WALL	5000 LUMENS LED 82+CRI 4000K	LED DRIVER	120 V	50 W	NEWSTAR	554-A-L2-LED40-1-A- 12-LN	

### GENERAL NOTES:

 A. EMERGENCY LIGHTING MODEL NUMBERS ARE BASED ON AIMLITE PRODUCT LINE. EMERGILITE, BEGHELLIE, AND LUMACELL MEETING PERFORMANCE SPECIFICATIONS ARE APPROVED EQUAL.
 B. FIXTURES ABOVE ARE A BASIS OF DESIGN, ALTERNATES MUST BE SUBMITTED AS A SUBSTITUTION FOR APPROVAL PRIOR TO BID SUBMISSION. SCHEDULE NOTES:

1. N/A

ID MARK	TYPE	DESCRIPTION	LAMP	AC VOLT	DC VOLT	WATT	MFR	CATALOG SERIES	NOT
BU-54	EB20H6V	BATTERY BANK, STEEL CABINET COMPLETE WITH INTEGRAL VOLTAGE SENSING RELAYS, DOUBLE EMERGENCY LIGHTING HEADS AND DC TERMINAL BLOCKS.	2 x 6W LED 50000HR 540 LUMENS	120 V	12 V	200 W	AIMLITE	EBST	
AR	E APPROVED EQUAL	MODEL NUMBERS ARE BASED ON AIMLITE PRODUCT LINE. I JUAL" IS LISTED IN THE MANUFACTURER COLUMN, FIXTURES						FICATIONS	

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	WINNIPEG, MANITOBA R3T 6B8 7-1260   FAX: 204-477-6346   architecture49.com	
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#### MECHANICAL GENERAL NOTES

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CONFORM TO APPLICABLE CODE FOR DEMOLITION WORK, DUST CONTROL, PRODUCTS REQUIRING ELECTRICAL DISCONNECTION OR RECONNECTION. CONFORM TO APPLICABLE REGULATORY PROCEDURES WHEN DISCOVERING HAZARDOUS OR CONTAMINATED MATERIALS. PROTECT EXISTING MATERIALS, EQUIPMENT, AND SYSTEMS WHICH ARE NOT TO BE DEMOLISHED. PROVIDE A MINIMUM MERV 8 FILTRATION ON EXISTING INLETS AND RETURN AIR DUCTS AND SYSTEMS. CONDUCT DEMOLITION TO MINIMIZE INTERFERENCE WITH OCCUPIED BUILDING AREAS. REMOVE, CUT, AND PATCH WORK IN A MANNER TO MINIMIZE DAMAGE AND TO PROVIDE MEANS OF RESTORING SYSTEMS TO ORIGINAL CONDITION. ALL USABLE SALVAGED EQUIPMENT AND MATERIALS SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS SPECIFICALLY NOTED OTHERWISE. FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES WHERE PIPES OR DUCTS WERE REMOVED. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS. DUCT TRANSITIONS MAY NOT BE SHOWN IN DETAIL ON PLAN. REFER TO DETAILS SHEETS AND SMACNA - HVAC DUCT CONSTRUCTION STANDARDS FOR REQUIRED DUCT TRANSITIONS AND FITTINGS. ALL DUCT TAPS TO BRANCH DUCTS SHALL HAVE 45 DEGREE ENTRY FITTINGS. INSTALL FIRE DAMPERS ON ALL DUCTS PENETRATING FIRE RATED WALL ASSEMBLIES, COMPLETE WITH ACCESS DOORS, SEE STANDARD DETAIL. REFER TO ARCHITECTURAL DRAWING FOR WALL TYPES. DUCT INSULATION MATERIALS SHALL MEET SMOKE AND FLAME SPREAD REQUIREMENTS FOR PLENUM INSULATION. DUCT INSULATION SHALL FOLLOW THE SCHEDULES IN THE SPECIFICATION AS A MINIMUM

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REQUIREMENT. THESE REQUIREMENTS SHALL APPLY REGARDLESS OF WHETHER OR NOT DUCT INSULATION IS SHOWN ON THE DRAWINGS. WHERE DUCT INSULATION IS SHOWN ON THE DRAWINGS (EITHER WITH THE HATCHING CONVENTION OR BY MEANS OF A KEY NOTE) AND EXCEEDS THE REQUIREMENTS OF THE SCHEDULES IN THE SPECIFICATION, THE ADDITIONAL INSULATION REQUIREMENTS SHALL BE MET. ALL PIPING SHALL BE INSULATED PER THE SPECIFICATION.

REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF PLUMBING FIXTURES. WATER HAMMER ARRESTORS SHALL BE PROVIDED TO EACH WASHROOM AND FIXTURE GROUP. THE CONTRACTOR SHALL SIZE AND COORDINATE PLUMBING VENTING WHERE NOT SHOWN ON THE DRAWINGS. REFER TO THE DRAWINGS FOR SPECIFIC LOCATIONS AND COORDINATION REQUIREMENTS. THE INTERRUPTION OF ANY SERVICES SHALL BE COORDINATED WITH THE BUILDING OWNER AND SHALL BE KEPT TO A MINIMUM.

#### **KEY NOTES**

REMOVE EXISTING FLOOR SUPPLY GRILLE TO ALLOW FOR ROOM REFINISHING. PROVIDE NEW LOUVERED SUPPLY GRILLE WITHIN EXISTING OPENING. CONNECT GRILLE INTO DUCTWORK WITHIN CRAWLSPACE COMPLETE WITH DIRT POCKET WITH REMOVABLE PANEL PROVIDE NEW KITCHEN SINK WITHIN MILLWORK. CONNECT DOMESTIC HOT AND COLD PIPING INTO EXISTING PLUMBING RISER WITHIN WALL SEPARATING BATHROOM AND NEW SINK LOCATION. CONNECT NEW VENT PIPING INTO EXISTING WITHIN WALL CAVITY. CONNECT NEW SANITARY PIPING INTO EXISTING WITHIN MAIN FLOOR CEILING SPACE. PROVIDE ACOUSTICALLY LINED RETURN DUCTWORK WITHIN CRAWLSPACE. ACOUSTIC LINING SHALL BE A MINIMUM OF 25 MM THICK. CONNECT DUCTWORK INTO EXISTING RETURN DUCTWORK AT APPROXIMATE LOCATION SHOWN. ENSURE THERE IS A MINIMUM OF TWO ELBOWS IN DUCTWORK PRIOR TO CONNECTING TO EXISTING. PROVIDE LOUVERED RETURN GRILLE ON FLOOR, REFER TO ARCHITECTURAL FOR EXACT

LOCATION. CONNECT GRILLE INTO DUCTWORK WITHIN CRAWLSPACE COMPLETE WITH DIRT POCKET WITH REMOVABLE PANEL.

		DIFFUSER	& GRILLES SCHED	ULE - ASHERN			
M	IARK						
			NOTES				
S	1	1	12x4/MSSL/CORE C5/4/B12				
R	R 1 12x4/MSSL/CORE C5/4/B12						
1. Contra	actor to t	field verify floor thic	kness on site prior to	o ordering grilles.			
		PLUMBIN	G FIXTURE SCHED	JLE - ASHERN			
			DUW				

М	ARK	DCW		DHW		SANITARY		VENT	
SK	1	1/2"	13 mm	1/2"	13 mm	1 1/2"	38 mm	1 1/4"	32 mm

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