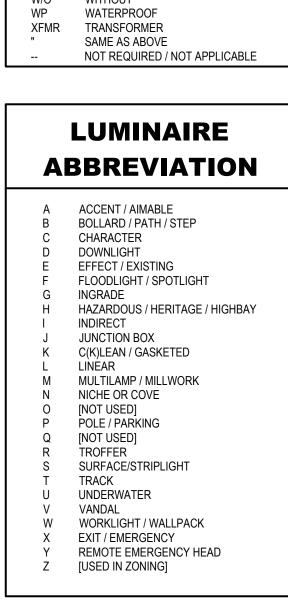


GENERAL NOTES 1. ALL INFORMATION PROVIDED ON THIS SHEET MAY NOT BE IMPLEMENTED INTO THE PROJECT. 2. REFER TO FIXTURE SPECIFICATIONS FOR COMPLETE FIXTURE INFORMATION. 3. REFER TO FIXTURE MOUNTING DETAIL SHEETS FOR SPECIFIC MOUNTING CONDITIONS. CONTRACTOR TO PROVIDE POWER SUPPLIES AND/OR DRIVERS FOR ALL FIXTURES SPECIFIED WITH REMOTE CONTROL GEAR. ALL REMOTE MOUNTED CONTROL GEAR SHALL BE MOUNTED OUT OF VIEW OF GUESTS. 5. CONTRACTOR TO CONFIRM ALL REMOTE CONTROL GEAR LOCATIONS WITH LANDSCAPE OR FACILITY ARCHITECT. 6. CONTRACTOR TO VERIFY EXACT MOUNTING LOCATION OF ALL ACCENT LIGHTS IN FIELD WITH LIGHTING DESIGNER. 7. UNLESS OTHERWISE INDICATED, ALL MOUNTING BOXES FOR LIGHTING FIXTURES MOUNTED TO FACADES TO BE RECESSED INTO STRUCTURE. COORDINATE JBOX LOCATION WITH OTHER 8. INFORM CONSTRUCTION MANAGER IN WRITING IN A TIMELY WAY OF ANY DISCREPANCIES DISCOVERED. . CONTRACTOR TO VERIFY CONDITIONS ON WHICH THIS WORK DEPENDS IN OTHER ISSUED CONSTRUCTION DRAWINGS AND ON SITE SUCH AS BUT NOT LIMITED TO: - DIMENSIONS - LEVELS - MATERIALS - DETAILS - AVAILABILITY OF REQUIRED UTILITIES



CHARACTER ABBREVIATION POLE - DOUBLE HEAD B BOLLARD OR SHORT PEDESTAL BASE CLOSE CEILING G GAS FLAME FOR LUMINAIRE MULTILAMP OR FESTOON LIGHTS R RECEPTACLE FOR LUMINAIRE PLUG SURFACE TABLE LAMP W WALL MOUNTED

ТҮРЕ	LIGHTING FIXTURE SCHEDULE DESCRIPTION
A	- 305mm X 1220mm RECESSED LED VOLUMETRIC LUMINAIRE - 120V, 3900LM, 4000K, 80+CRI, 26.5W - 0-10V DIMMING DRIVER - SMOOTH FROSTED ACRYLIC LENS - WHITE FINISH - FOR SURFACE MOUNT INSTALLATION - METALUX CRUZE SERIES
A-EB	- SAME AS TYPE 'A', EXCEPT COMPLETE WITH 7 WATT EMERGENCY BATTERY PAC WITH INTEGRAL TEST SWITCH.
В	 256mm W X 1220mm L X 86mm D, SURFACE LED WRAP LUMINAIRE 120V, 5073LM, 4000K, 80 CRI, 38.2W 0-10V DIMMING DRIVER SMOOTH FROSTED RIBBEDC POLYCARBONATE LENS WHITE FINISH FOR SURFACE MOUNT INSTALLATION. REFER TO ARCHITECTURAL REFELCTED CEILING PLANS METALUX ACHIEVA, WRAP SELECTABLE SERIES
B-EB	- SAME AS TYPE 'B', EXCEPT COMPLETE WITH 7 WATT EMERGENCY BATTERY PAGENTH INTEGRAL TEST SWITCH.
С	 168mm W x 660mm L x 149mm D, SURFACE VAPORTITE LED LUMINAIRE 120V, 4000LM, 4000K, 80 CRI, 29W 0-10V DIMMING DRIVER SMOOTH FROSTED RIBBEDC POLYCARBONATE LENS WHITE FINISH METALUX VAPORTITE LED SERIES
С-ЕВ	- SAME AS TYPE 'C', EXCEPT COMPLETE WITH 7 WATT EMERGENCY BATTERY PAC WITH INTEGRAL TEST SWITCH.
D	 6 INCH, SURFACE MOUNT LED DOWNLIGHT 120V, 2100LM, 4000K, 90 CRI, 23W 0-10V DIMMING DRIVER WHITE FINISH HALO LED SERIES
LP24	 2440mm LONG DIRECT/INDIRECT LINEAR LED PENDANT 120V, 5000LM, 4000K, 80CRI OPTICS: FROSTED LENS - 25%UP, 75%DOWN 0-10V DIMMING DRIVER WHITE FINISH AIRCRAFT SUSPENSION CABLES WITH UNDERSIDE OF FIXTURE AT 3000mm ABOUR FINISH FLOOR. CONFIRM EXACT SUSPENSION CABLES LENGTH ON SITE PRIOR ORDERING. COOPER LIGHTING, CORELITE CTA-LED SERIES
LP24-EB	 SAME AS TYPE 'LP24', EXCEPT COMPLETE WITH 10 WATT EMERGENCY BATTERY PACK WITH INTEGRAL TEST SWITCH.
LP12	SAME AS TYPE 'LP24', EXCEPT 1220mm LONG.

		LIGHTING L	EGEND			
NTROLS			TAGS			
O DS	DAYLIGHT SENSOR.		MH:0000	LIGHTING FIXTURE MOUNTII HEIGHT FROM FINISHED FLO		
D PC	PHOTOCELL (OUTDOOR DAYLIGHT SENSOR).			FIXTURE MOUNTING HEIGHT DENOTED 'DOS'.		
Эн	CEILING MOUNTED OCCUPANCY SENSOR.			DENOTED BOS.		
	SUBSCRIPTS: H = SUITABLE FOR HIGH HUMIDITY AREA B= HIGH BAY TYPE.		A 1 0 T T T	FIXTURE TYPE INDICAT	TOR (SEE FIXTU	JRE SCHEDULE)
D	WALL/CORNER MOUNTED OCCUPANCY SENSOR.			- VARIATION - PRODUCT		
				- TYPE CATEGORY		
	LINE VOLTAGE SWITCH. SUBSCRIPTS: 3 = 3-WAY, 4 = 4-WAY, D = DIMMING, P = PILOT LIGHT, M=MOTION SENSOR, T = TIME SWITCH.		z1 	CONTROL ZONE TAG ZONE No.1		
abc	MULTIPLE SWITCHES UNDER COMMON PLATE. LETTER DESIGNATES SWITCHLEG.					
3	SWITCHING TYPE WALL STATION					
]						
	DIMMING TYPE WALL STATION					
PTN	PARTITION SENSORS					
ION E	OX / REMOTE POWER SUPPLY / CONTROL DEVICE					
	RFACE/RECESSED MOUNTED.					
D W	ALL MOUNTED.					
	BSCRIPT DENOTES TYPE. FER TO LIGHTING FIXTURE SCHEDULE.					
1 (1	TEN TO EIGHTING FIXTONE GOTIEDULE.					
<u>URES</u>						
SHTING	FIXTURE SCHEDULE FOR SPECIFIC PRODUCT REQUIREMENTS. LIGHTING FIX	KTURE CUT SHEETS HAVE ALSO BEEN	PROVIDED FOR REFER	ENCE. SHADED SYMBOLS DEN	NOTE LIGHT FIXTU	JRES CONNECTED TO ESSENTIAL POWE
NT.		MODULAR			THEATRICAL	
<u>NT</u>	SURFACE MOUNTED	MODULAR			THEATRICAL	
Н	◆ WALL MOUNTED		2x2			LEKO
_						FOLLOW SPOT
-4	◆ TRACK/STRUT/PIPE MOUNTED		0-0 VOLUMETRIO			FOLLOW SPOT
•	TRACK/STRUT/PIPE MOUNTED PLUG-IN SURFACE MOUNTED		2x2 VOLUMETRIC			MOVING MIRROR
•			2x2 VOLUMETRIC 2x4			
- (PLUG-IN SURFACE MOUNTED				□	MOVING MIRROR
- €	PLUG-IN SURFACE MOUNTED				# 	MOVING MIRROR PAR
,	PLUG-IN SURFACE MOUNTED		2x4 2x4 VOLUMETRIC		8 0 0 0	MOVING MIRROR PAR FRESNEL
,	PLUG-IN SURFACE MOUNTED ROUND RECESSED MOUNTED		2x4			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR
,	PLUG-IN SURFACE MOUNTED ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED		2x4 2x4 VOLUMETRIC			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT
	PLUG-IN SURFACE MOUNTED ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED		2x4 2x4 VOLUMETRIC 1x4		8 0 0 0	MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP
	PLUG-IN SURFACE MOUNTED ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED		2x4 2x4 VOLUMETRIC 1x4			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT
	PLUG-IN SURFACE MOUNTED ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED		2x4 2x4 VOLUMETRIC 1x4			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT
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	PLUG-IN SURFACE MOUNTED ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED	FAN SURFACE MOUNTED	2x4 2x4 VOLUMETRIC 1x4			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT
	ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED	SURFACE MOUNTED PENDANT MOUNTED	2x4 2x4 VOLUMETRIC 1x4			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT MOVING YOKE WASH
ACTE	ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED	SURFACE MOUNTED PENDANT MOUNTED WALL MOUNTED	2x4 2x4 VOLUMETRIC 1x4			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT MOVING YOKE WASH
NLIGHT	ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SURFACE MOUNTED PENDANT MOUNTED	SURFACE MOUNTED PENDANT MOUNTED	2x4 2x4 VOLUMETRIC 1x4 1x4 VOLUMETRIC			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT MOVING YOKE WASH SURFACE MOUNTED WALL MOUNTED
&ACTE	ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SURFACE MOUNTED PENDANT MOUNTED WALL MOUNTED	SURFACE MOUNTED PENDANT MOUNTED WALL MOUNTED	2x4 2x4 VOLUMETRIC 1x4 1x4 VOLUMETRIC			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT MOVING YOKE WASH SURFACE MOUNTED WALL MOUNTED TRACK/STRUT/PIPE MOUNTED
&ACTE	ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SURFACE MOUNTED PENDANT MOUNTED WALL MOUNTED BASE MOUNTED	SURFACE MOUNTED PENDANT MOUNTED WALL MOUNTED	2x4 2x4 VOLUMETRIC 1x4 1x4 VOLUMETRIC			MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT MOVING YOKE WASH SURFACE MOUNTED WALL MOUNTED TRACK/STRUT/PIPE MOUNTED PLUG-IN SURFACE MOUNTED MOVING PENDANT MOUNTED
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RACTEI REGENCE RADE	ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED PENDANT MOUNTED WALL MOUNTED BASE MOUNTED ONE HEAD BASE MOUNTED TWO HEAD BASE MOUNTED TWO HEAD WALL MOUNTED TO SPECIFICATIONS FOR TYPES. WALL MOUNT LUMINAIRE OR REMOTE EMERGENCY HEAD RECESSED CEILING MOUNT LUMINAIRE OR REMOTE EMERGENCY HEAD IN-GRADE IN-GRADE IN-GRADE IN-GRADE IN-GRADE IN-GRADE DIRECTIONAL	SURFACE MOUNTED PENDANT MOUNTED WALL MOUNTED LIGH CEILING MOUNTED LIGH NICHE ARCHITECTURAL LINEAR / ST	2x4 2x4 VOLUMETRIC 1x4 1x4 VOLUMETRIC T LED FIBER OPTIC MULTILAMP STRIN RIP CEILING / UNDERCABIN	JET	\$\begin{align*} \text{SPECIALTY} \\ \text{SPECIALTY} \\ \text{SPECIALTY} \\ ARROWS INDICATIONS ARROWS ARR	MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT MOVING YOKE WASH SURFACE MOUNTED WALL MOUNTED TRACK/STRUT/PIPE MOUNTED PLUG-IN SURFACE MOUNTED UNDERWATER NICHE UNDERWATER SURFACE MOUNTED FIBER OPTIC GENERAL MOUNTED FIBER OPTIC ENDPOINT ATE DIRECTION CEILING MOUNT, SINGLE FACE WALL MOUNT, SINGLE FACE
RACTEI REGENCE RADE	ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SURFACE MOUNTED PENDANT MOUNTED BASE MOUNTED BASE MOUNTED BASE MOUNTED TWO HEAD BASE MOUNTED TWO HEAD MALL MOUNTED TYPES. WALL MOUNT LUMINAIRE OR REMOTE EMERGENCY HEAD RECESSED CEILING MOUNT LUMINAIRE OR REMOTE EMERGENCY HEAD IN-GRADE IN-GRADE IN-GRADE BOLLARD STEPLIGHT SURFACE MOUNTED	SURFACE MOUNTED PENDANT MOUNTED WALL MOUNTED LIGH CEILING MOUNTED LIGH NICHE ARCHITECTURAL LINEAR / ST	2x4 2x4 VOLUMETRIC 1x4 1x4 VOLUMETRIC T LED FIBER OPTIC MULTILAMP STRIN RIP CEILING / UNDERCABIN SUSPENDED INDIRECT	JET	\$ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT MOVING YOKE WASH SURFACE MOUNTED WALL MOUNTED TRACK/STRUT/PIPE MOUNTED PLUG-IN SURFACE MOUNTED UNDERWATER NICHE UNDERWATER SURFACE MOUNTED FIBER OPTIC GENERAL MOUNTED FIBER OPTIC ENDPOINT ATE DIRECTION CEILING MOUNT, SINGLE FACE WALL MOUNT, DOUBLE FACE WALL MOUNT, DOUBLE FACE
ACTEI	ROUND RECESSED MOUNTED ROUND SURFACE MOUNTED SQUARE RECESSED MOUNTED SQUARE SURFACE MOUNTED ROUND ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED SQUARE ADJUSTABLE RECESSED MOUNTED PENDANT MOUNTED WALL MOUNTED BASE MOUNTED ONE HEAD BASE MOUNTED TWO HEAD BASE MOUNTED TWO HEAD WALL MOUNTED TO SPECIFICATIONS FOR TYPES. WALL MOUNT LUMINAIRE OR REMOTE EMERGENCY HEAD RECESSED CEILING MOUNT LUMINAIRE OR REMOTE EMERGENCY HEAD IN-GRADE IN-GRADE IN-GRADE IN-GRADE IN-GRADE IN-GRADE DIRECTIONAL	SURFACE MOUNTED PENDANT MOUNTED WALL MOUNTED LIGH CEILING MOUNTED LIGH NICHE ARCHITECTURAL LINEAR / ST	2x4 2x4 VOLUMETRIC 1x4 1x4 VOLUMETRIC T LED FIBER OPTIC MULTILAMP STRIN RIP CEILING / UNDERCABIN SUSPENDED INDIRECT	JET	\$\begin{array}{cccccccccccccccccccccccccccccccccccc	MOVING MIRROR PAR FRESNEL BEAM PROJECTOR SCOOP MOVING YOKE SPOT MOVING YOKE WASH SURFACE MOUNTED WALL MOUNTED TRACK/STRUT/PIPE MOUNTED PLUG-IN SURFACE MOUNTED UNDERWATER NICHE UNDERWATER SURFACE MOUNTED FIBER OPTIC GENERAL MOUNTED FIBER OPTIC ENDPOINT ATE DIRECTION CEILING MOUNT, SINGLE FACE WALL MOUNT, SINGLE FACE

SURFACE CEILING MOUNTED SPEAKER.

ADMINISTRATIVE CONSOLE UNIT OUTLET.

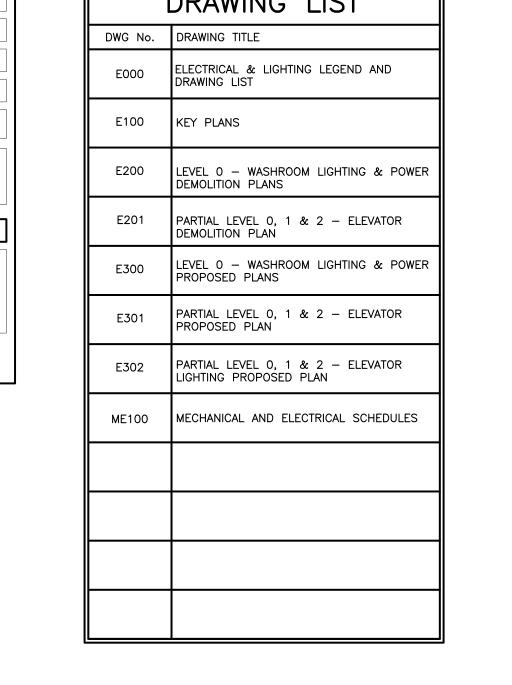
LOCAL VOLUME CONTROLLER.

MICROPHONE OUTLET

P.A. CALL SWITCH.

		<u> </u>	ELECTRICAL LEGI	_ · · _				
POWER &	DISTRIBUTION SYSTEMS	FIRE ALAR			Y SYSTEM	MISCE	LLANEOUS ABI	BREVI
	PANELBOARD (SURFACE MOUNT).		MANUAL PULL STATION C/W PROTECTIVE 9VDC BATTERY OPERATED LEXAN COVER.	ES	ELECTRIC DOOR STRIKE. SUPPLIED AND INSTALLED BY DOOR HARDWARE, WIRED BY DIVISION 16 CONTRACTOR.		A	-
	PANELBOARD (RECESSED MOUNT).	⊘ ⊘ X	HEAT DETECTOR. COMBINATION, FIXED 57°C AND RATE OF RISE. SUBSCRIPT 'X' INDICATES 88°C FIXED TEMPERATURE.	SCP	SECURITY CONTROL PANEL			
C	CONTACTOR.	0.0 Y	HEAT DETECTOR. FIXED ONLY (57°C) SUBSCRIPT 'X' INDICATES		REQUEST TO EXIT BUTTON		3P+N	_
	ENCLOSED BUS ASSEMBLY.	₩ ₩ X	88°C RATING.		AUTOMATIC DOOR OPERATOR.		AFF	-
	CABLE TRAY (LADDER OR TROUGH)	₩ R	SMOKE DETECTOR. IONIZATION TYPE. SUBSCRIPT "R" INDICATES RELAY BASE.	ML ML	MAGNETIC DOOR LOCK.		В	_
\$ĸ	125V, 2-POSITION, MAINTAINED BARREL KEY SWITCH SWITCH EATON CUTLER-HAMMER MODEL MR22-WRS OR APPROVED EQUAL, COMPLETE WITH STAINLESS STEEL COVER PLATE. ALL		120V LOCAL SMOKE ALARM CEILING MOUNTED. IONIZATION		PUSH PLATE		CL	_
	SWITCHES SHALL BE KEYED ALIKE.		TYPE.		PUSH-TO-LOCK BUTTON.		DF	_
•	EMERGENCY POWER-OFF PUSHBUTTON (EPO)	X	120V LOCAL SMOKE ALARM WITH STROBE.	KP A	KEY PAD.		 D/I	
	LE/DIRECT CONNECTIONS	\otimes	CARBON MONOXIDE/DIOXIDE DETECTOR.		CARD READER.		EXP/EP	- -
Ф	120V, 2P, 3W, 15A DUPLEX RECEPTACLE (CSA #5 SERIES).		CARBON MONORIDE DETECTOR.	DA DA	AUTOMATIC DOOR OPERATOR ACTUATOR.		F	_
Ф	120V, 2P, 3W, 15A DUPLEX (CSA #5 SERIES) RECEPTACLE WITH USB CHARGING PORTS	×	COMBINATION SMOKE/CARBON MONOXIDE/STROBE.	EM EM	EGRESS MOTION DETECTOR.		GF	-
4	120V, 2P, 3W, 15A DUPLEX (CSA #5 SERIES) RECEPTACLE PRE-WIRED AND FACTORY INSTALLED IN MODULAR WALL SYSTEM		AIR DUCT TYPE SMOKE DETECTOR.		AUDIBLE ALARM (BUZZER)	S U	Н	-
*	120V, 2P, 3W, 15A FOUR PLEX (CSA #5 SERIES) RECEPTACLE PRE-WIRED AND FACTORY INSTALLED IN MODULAR WALL SYSTEM	•	WALL MOUNTED HEAT DETECTOR		GLASS BREAK DETECTOR	B S C	IG MH	_
#	120V, 2P, 3W, 15A SPLIT TYPE DUPLEX RECEPTACLE.				SECURITY SYSTEM MONITORING STATION	R	NL	_
\$	120V, 2P, 3W, 15/20A T-SLOT TYPE DUPLEX RECEPTACLE. CSA#5 SERIES.		FIRE ALARM HORN.	PA	PANIC ALARM	P	S	_
X	SUBSCRIPT "S" INDICATES SPLIT RECEPTACLE.		FIRE ALARM BELL.		MOTION DETECTOR. DOOR/WINDOW CONTACT.		T	_
#	120V, 2P, 3W, 15A FOUR PLEX RECEPTACLE 2. DUPLEXES UNDER COMMON PLATE).		FIRE ALARM STROBE COMBINATION FIRE HORN/STROBE LIGHT.				V	_
ф	125V, 2P, 3W SINGLE RECEPTACLE (CSA #5 SERIES).		, , , , , , , , , , , , , , , , , , ,		EMERGENCY CALL FOR ASSISTANCE SYSTEM PUSHBUTTON. EMERGENCY CALL FOR ASSISTANCE SYSTEM ANNUNCIATOR WALL		WG WP	_
ш	125/250V, 3P, 4W SINGLE RECEPTACLE (CSA #14 SERIES).	(SV)	SUPERVISED VALVE — SPRINKLER. SUBSCRIPT 'P' DENOTES STANDPIPE.		MOUNTED DOME LIGHT. EMERGENCY CALL FOR ASSISTANCE SYSTEM 120VAC/24VDC			_
ш	250VDC/600VAC, 3P, 4W SINGLE RECEPTACLE (CSA #L17 SERIES).	FS	SPRINKLER FLOW SWITCH.		POWER SUPPLY		PTZ	_
	120V, 2P, 3W, FLOOR MOUNTED DUPLEX RECEPTACLE (CSA #5	PS	SPRINKLER LOW PRESSURE SWITCH.	MECHANIA	CAL WIRING SYSTEMS		E	_
	SERIES).	(MAGNETIC DOOR HOLD OPEN DEVICE.	MECHAN			ER	_
<u>Ф</u> Ш	BENCH RECEPTACLES UNIT.	©	RECESSED FIRE ALARM SPEAKER (CEILING MOUNTED).		MECHANICAL EQUIPMENT/MOTOR.		RE N	_
	SUSPENDED INDUSTRIAL POWER CORD REEL COMPLETE WITH RECEPTACLES. SEE SPECIFICATION 26 27 26 FOR DETAILS.	Ø	RECESSED FIRE ALARM SPEAKER AND STROBE (CEILING MOUNTED).		DISCONNECT SWITCH (UNFUSED). SUBSCRIPT INDICATES SIZE. SUBSCRIPT 'N' INDICATES COMPLETE WITH SOLID NEUTRAL.		TS	_
	1 PHASE, 3W DIRECT CONNECTION (L, N, G) OR (L1, L2, G).	H(P)	FIRE ALARM SPEAKER (WALL MOUNTED).		DISCONNECT SWITCH (FUSED). SUBSCRIPT INDICATES FUSE RATING. SUBSCRIPT 'N' INDICATES COMPLETE WITH SOLID NEUTRAL.		R	_
(A)	3 PHASE, 4W DIRECT CONNECTION (L1, L2, L3, G).	+®	FIRE ALARM SPEAKER AND STROBE (WALL MOUNTED).	☐	MANUAL STARTER COMPLETE WITH PILOT LIGHT.			
0	3 PHASE, 5W DIRECT CONNECTION (L1, L2, L3, N, G).		·		MAGNETIC STARTER.			
(A)	1 PHASE, 4W DIRECT CONNECTION (L1, L2, N, G).	(F)	SURFACE FIRE ALARM SPEAKER (CEILING MOUNTED). SURFACE FIRE ALARM SPEAKER AND STROBE (CEILING		COMBINATION MAGNETIC STARTER.			ח
PP	POWER AND COMMUNICATION PAC-POLE.		MOUNTED).	TS	TIME SWITCH.		DWG No	
∫B	CEILING SPACE MOUNTED 1 PHASE, 3W DIRECT CONNECTION (L, N, G) FOR HANDS-FREE WASHROOM PLUMBING FIXTURES.	FH	FIREFIGHTER HANDSET.	T)	THERMOSTAT), D
	RÉFER TÓ FLOOR PLANS FOR DETAILS. WALL MOUNTED HAND DRYER. COMAC BLAST SERIES, MODEL		FIRE ALARM ZONE DEMARCATION	ss	SPEED SWITCH		E000	D
	C-200000000, WHITE FINISH, 120V, 1450 WATTS OR APPROVED EQUALS FROM EXCEL DRYERS, XLERATOR SERIES OR WORLD	F.A.Z.1.	FIRE ALARM ZONE. NUMBER INDICATES ZONE NUMBER.	B	GAS SUPPLY SOLENOID VALVE EMERGENCY POWER SHUT-OFF PUSHBUTTON		E100	К
HD	DRYERS, NOVA SERIES. MOUNTING HEIGHTS FROM BOTTOM EDGE OF DRYERS:	©	FIRE RATED ROLLING COIL DOOR BY GENERAL CONTRACTOR				-	-
	UNIV. WASHROOMS: 900mm ABOVE FINISHED FLOOR GIRLS CHANGEROOMS: 1120mm ABOVE FINISHED FLOOR	AUDIO VIS	JAL SYSTEM		CEILING MOUNTED DESTRATIFICATION FAN		E200	L D
	3. BOYS CHNAGEROOMS: 1150mm ABOVE FINISHED FLOOR	PR	SHORT WALL PROJECTOR.				E201	Р
	NON-METALIC SURFACE RACEWAY COMPLETE WITH RECEPTACLES AND COMMUNICATION CABLING OUTLETS. SEE FLOOR PLANS FOR TYPES AND QUANTITIES OF RECEPTACLES AND COMMUNICATION	(≥)	TELEVISION OUTLET.	TYPICAL	CIRCUIT NUMBER IDENTIFICATION			D
	CABLING OUTLETS AND EXACT RACEWAY LENGTH. MOUNT AT 450mm AFF TO CENTRE OF RACEWAY UNLESS	COMMUNIC	ATION SYSTEMS] BB-1			E300	L P
	INDICATED OTHERWISE ON PLANS. SEE SPECIFICATION SECTION 26 27 19 FOR DETAILS.		COMMUNICATION OUTLET. PROVIDE A SINGLE GANG OUTLET BOX COMPLETE WITH A 27mm (1") CONDUIT AND TWO (2)		"1" INDICATES CIRCUIT NUMBER 1 "BB" INDICATES PANEL "LP-BB"		E301	Р
	INDICATES VERTICAL RISER ALONG WALL AND EXTENDING MINIMUM OF 100mm ABOVE FINISHED CEILING.		COMMUNICATION CABLES, JACKS AND FACEPLATE, UNLESS INDICATED OTHERWISE ON PLANS.					Р
	INDICATES ONE (1) 15A, 120V DUPLEX RECEPTACLE WITH TWO (2) USB PORTS AND ONE (1) COMMUNICATION CABLE OUTLET		SAME AS ABOVE, EXCEPT FLOOR MOUNTED.				E302	P
	COMPLETE WITH TWO (2) CABLES AND JACKS AND FACEPLATE. INDICATES ONE (1) 15A, 120V DUPLEX RECEPTACLE AND ONE		COMMUNICATION OUTLET INSTALLED IN MODULAR WALL SYSTEM					
	(1) COMMUNICATION CABLE OUTLET COMPLETE WITH TWO (1) CABLE AND JACK AND FACEPLATE.	4	COMPLETE WITH TWO (2) COMMUNICATION CABLES JACKS AND FACEPLATE.				ME100	\N
	INDICATES ONE (1) 15/20A, T-SLOT TYPE 120V DUPLEX		COMMUNICATION OUTLET INSTALLED IN MODULAR SYSTEM FURNITURE COMPLETE WITH ONE(1) COMMUNICATION CABLE,					
		4	JACK AND FACEPLATE UNLESS INDICATED OTHERWISE ON PLANS. REFER TO WALL MOUNTED MODULAR SYSTEM FURNITURE POWER					$\frac{1}{1}$
6	OVERHEAD DOOD		AND COMMUNICATION POINT SYMBOL IN THIS ELECTRICAL LEGEND FOR REQUIREMENTS AND DETAILS.					
<u></u>	OVERHEAD DOOR.	•	TELEPHONE - SUBSCRIPT "P" INDICATES PAY TELEPHONE.					
NI	DIRECT CONNECTION VOLTAGE INFORMATION INDICATION BY CIRCUIT No.	WIFI	WIRELESS ACCESS POINT				 	\perp
N O T	2. UNLESS NOTED OTHERWISE MOUNTING HEIGHT OF ALL OUTLETS IS 455mm (18") A.F.F.	VGA	VIDEO GRAPHIC ARRAY (VGA) OUTLET					
Ë S	3. UNLESS NOTED OTHERWISE (IE: 30A, 20A) ALL		PRINTER CONNECTOR JACK.					
	RECEPTACLES/DIRECT CONNECTIONS RATED FOR 15A.	CLOCK SY	STEM	آ [
PAGING AN	ND SOUND SYSTEM	<u> </u>	CLOCK MOUNTED IN ROOM MILLWORK/MODULAR CONTROL PANEL.					
®	RECESSED CEILING MOUNTED SPEAKER.		/MODULAR CONTROL PANEL	٦				
ю	COMBINATION WALL MOUNTED SPEAKER AND TALK-LISTEN PRIVACY SWITCH.	MCP	MILLWORK/MODULAR CONTROL PANEL BY GENERAL CONTRACTOR					
0	SPEAKER MOUNTED IN ROOM MILLWORK/MODULAR CONTROL PANEL.	_ 						
Ю	RECESSED WALL MOUNTED SPEAKER.			1				
3	RECESSED CEILING MOUNTED SPEAKER COMPLETE WITH HANDSFREE MIC. AND INTERCONNECTED TO WALL MOUNTED							
	EMERGENCY PULLCORD ALARM DEVICE.							
H (4)	SURFACE WALL MOUNTED SPEAKER.							
(5)	SURFACE CEILING MOUNTED SPEAKER.							

REVIATIONS/SUBSCRIPTS/SYMBOLS - MOUNTING HEIGHT FOR DEVICES ABOVE COUNTER/SINK MILLWORK TO BE 1020mm FROM TOP OF DEVICE TO A.F.F. (UNLESS NOTED OTHERWISE). - 3 POLE & UNSWITCHED NEUTRAL. - ABOVE FINISHED FLOOR. BENCH MOUNTED. CEILING SPACE MOUNTED. CONTROLLED LOAD. - WATER BOTTLE REFILLING STATION/DRINKING - WITH DISCONNECT AND VISIBLE ISOLATION. EXPLOSION PROOF. FLOOR MOUNTED. GROUND FAULT CIRCUIT INTERRUPTER. HOUSEKEEPING RECEPTACLE. ISOLATED GROUND TYPE. MOUNTING HEIGHT. NIGHT LIGHT - SURGE SUPRESSION TYPE DEVICE. LOCKING TYPE (TWISTLOCK). MOUNT IN VERTICAL FACE. WIREGUARD. WEATHERPROOF TYPE. - MOUNT 42" (1065mm) A.F.F. PAN, TILT, ZOOM EXISTING TO REMAIN. EXISTING TO BE RELOCATED. RELOCATED AT NEW LOCATION. - EXISTING TO BE REPLACED WITH NEW. - MOUNTED IN MILLWORK TOE SPACE. EXISTING TO BE REMOVED. DRAWING LIST



N		N
Proje	ct North	True Nortl
No.	Revisions	Date
4	ISSUED FOR CONSTRUCTION	2025.06.02
3	ISSUED FOR TENDER	2025.04.17
2	ISSUED FOR PERMIT	2025.04.07
1	ISSUED FOR REVIEW	2025.03.21
No.	Issue	Date

Halton District School Board

2050 Guelph Line

Burlington, Ontario

T. A. BLAKELOCK H.S.

RENOVATIONS

1160 Rebecca Street

Oakville, ON

Architect

100 Broadview Ave, Suite 301, Toronto, ON, M4M 3H3

www.snyderarchitects.ca

Consultants

Structural Consultants

Kalos Engineering Inc.

300 York Boulevard

Hamilton, Ontario, L8R 3K6

Tel: 905-333-9119

Mechanical and Electrical Consultants

EXP

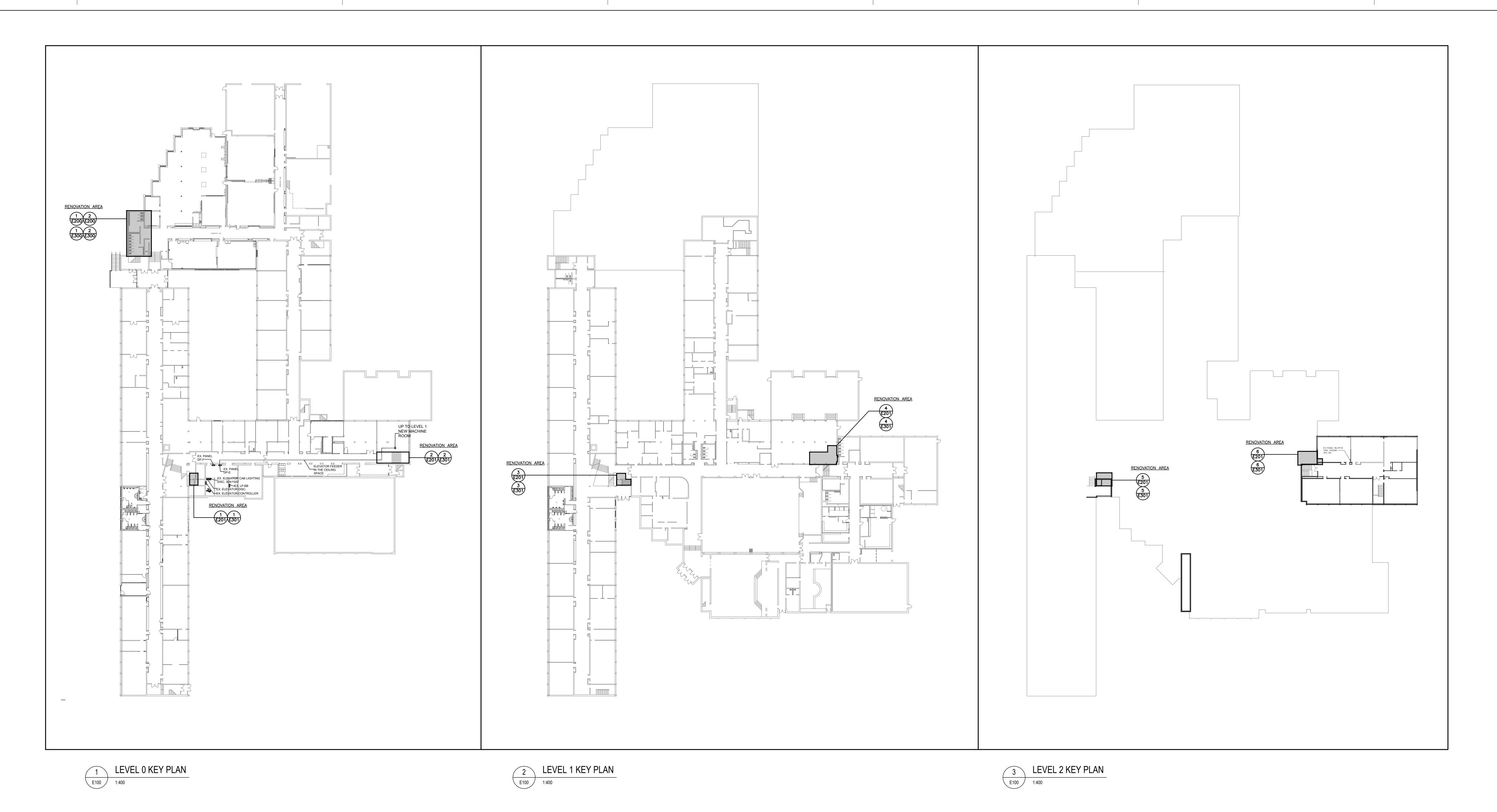
1266 S. Service Rd,

Stoney Creek, Ontario, L8E 5R9

Tel: 905-525-6069

ELECTRICAL & LIGHTING LEGENDS AND **DRAWING LIST**

ALL-22020201



Client
Halton District School Board 2050 Guelph Line Burlington, Ontario

T. A. BLAKELOCK H.S. RENOVATIONS

> 1160 Rebecca Street Oakville, ON

Snyder Architects Inc.

100 Broadview Ave, Suite 301, Toronto, ON, M4M 3H3
tel. 416.966.5444 fax. 416.966.4443
w w w . s n y d e r a r c h i t e c t s . c a

Structural Consultants **Kalos Engineering Inc.**300 York Boulevard

Hamilton, Ontario, L8R 3K6

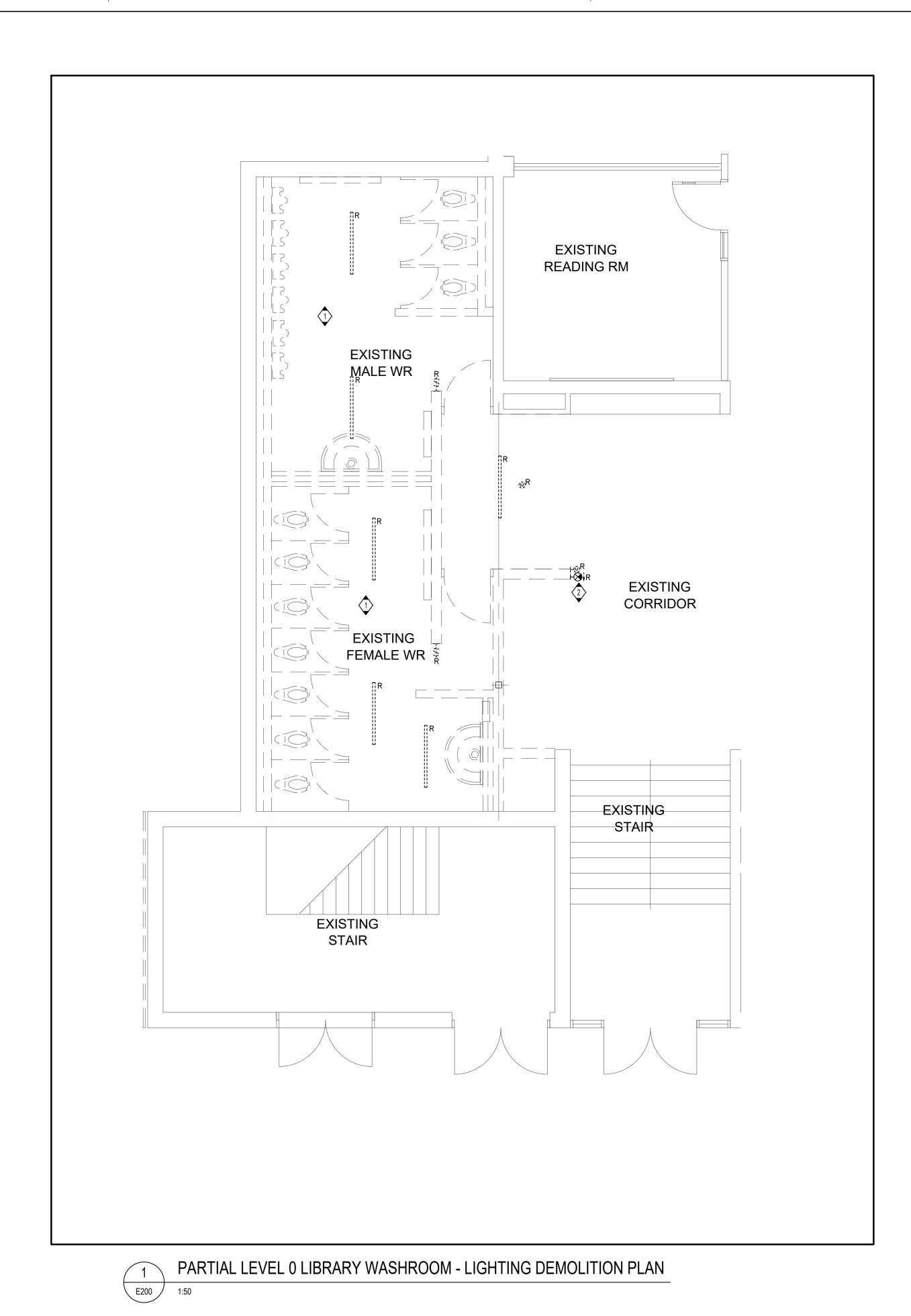
Tel: 905-333-9119 Mechanical and Electrical Consultants

EXP 1266 S. Service Rd, Stoney Creek, Ontario, L8E 5R9 Tel: 905-525-6069

True North
Date Project North No. Revisions 4 ISSUED FOR CONSTRUCTION 2025.06.02 2025.04.17 3 ISSUED FOR TENDER 2025.04.07 ISSUED FOR PERMIT ISSUED FOR REVIEW No. Issue General Contractor shall check and verify all dimensions and report all errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

Drawing Title:
ELECTRICAL & LIGHTING LEGENDS AND DRAWING LIST Scale: N.T.S. Date: 2025-03-03

Drawn by: ABS Checked by: FMV Job No. ALL-22020201



DRAWING NOTES

- UNLESS INDICATED OTHERWISE, DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES IN THIS ROOM/AREA COMPLETE WITH ASSOCIATED LIGHT SWITCHES. TEMPORARLY COIL EXISTING BRANCH CIRCUIT
- WIRING FOR RE-USE TO FEED NEW LIGHTING FIXTURES. REFER TO DRAWING E300 FOR NEW LIGHTING PLANS. DEMOLISH EXISTING EXIT SIGN. RETAIN THE EXISTING CIRCUIT TO FEED THE NEW EXIT SIGN SHOWN IN DRAWING E300.

DRAWING NOTES

UNLESS INDICATED OTHERWISE, DISCONNECT AND REMOVE HAND DRYER IN THIS ROOM/AREA.
TEMPORARILY COIL EXISTING BRANCH CIRCUIT WIRING FOR RE-USE TO FEED NEW HAND DRYER. REFER TO DRAWING E300 FOR NEW POWER PLANS. DISCONNECT AND REMOVE EXISTING PA SPEAKER. PROTECT EXISTING PA WIRING FOR REUSE, PA SPEAKER KEEP IN A SAFE PLACE FOR REUSE. REFER TO DRAWING E300 FOR NEW LOCATION. EXISTING POWER FOR PLUMBING FIXTURES TO BE DISCONNECTED. PROTECT FOR REUSE. REFER TO DRAWING E300 FOR NEW LOCATION.

Halton District School Board 2050 Guelph Line Burlington, Ontario

T. A. BLAKELOCK H.S. **RENOVATIONS**

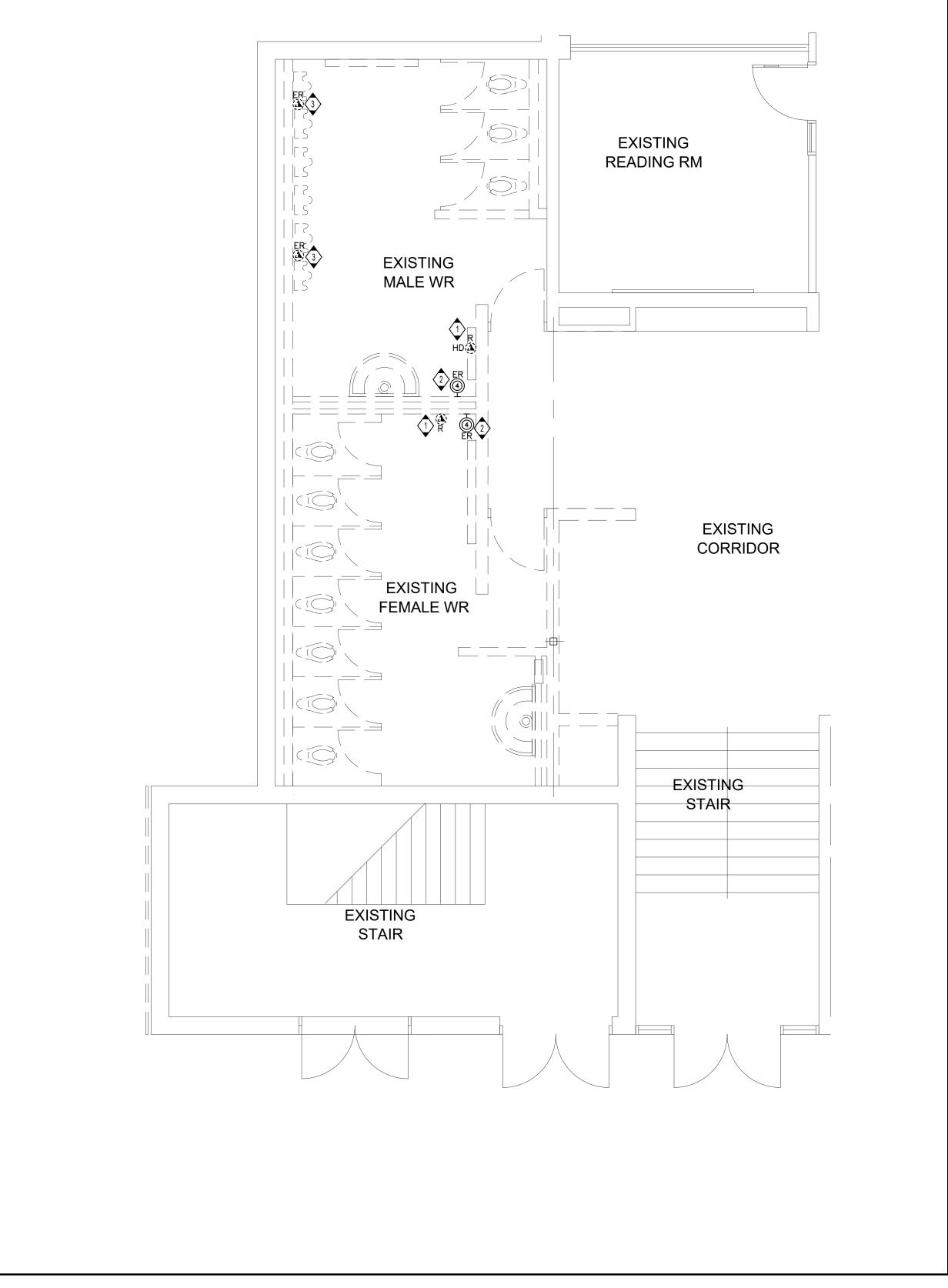
1160 Rebecca Street Oakville, ON

100 Broadview Ave, Suite 301, Toronto, ON, M4M 3H3 www.snyderarchitects.ca

Structural Consultants Kalos Engineering Inc. 300 York Boulevard Hamilton, Ontario, L8R 3K6 Tel: 905-333-9119

Mechanical and Electrical Consultants EXP 1266 S. Service Rd,

Stoney Creek, Ontario, L8E 5R9 Tel: 905-525-6069



PARTIAL LEVEL 0 LIBRARY WASHROOM - POWER & SYSTEMS DEMOLITION PLAN

E200 1:50

GENERAL NOTES

- 1. THE ELECTRICAL CONTRACTOR SHALL, AS PART OF HIS WORK, PERFORM ALL RELATED DEMOLITION, MODIFICATIONS, RELOCATION OF ELECTRICAL DISTRIBUTION AND OTHER EQUIPMENT AND RELATED WORK, INCLUDING NEW WORK NECESSARY TO COMPLETE THE PROJECT.
- ALL EXISTING FIELD CONDITIONS MAY NOT BE SHOWN ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING BIDS. REFER TO EXISTING DRAWINGS AND VISIT THE SITE TO DETERMINE THE EXTENT OF THE DEMOLITION AND NEW WORK REQUIRED.
 REQUEST FOR EXTRA WILL NOT BE CONSIDERED FOR
 FAILURE BY THE CONTRACTOR TO BECOME FAMILIAR WITH THE EXISITNG
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL TECHNICAL DETAILS OF EQUIPMENT TO BE REMOVED. WHERE THERE IS A DISCREPANCY WITH THE TENDER DOCUMENTS, CONTRACTOR SHALL ENGAGE CONSULTANTS FOR DIRECTIONS. ELECTRICAL CONTRACTOR SHALL MAKE A LIST OF ALL EQUIPMENT TO BE REMOVED. THIS LIST SHALL BE WITH ALL FOLLOWING INFORMATION. * MAKE/MODEL# * MANÚFACTURÉR * TECHNICAL DETAILS
- * LOCATION THIS LIST SHALL BE SUBMITTED TO THE OWNER FO RECORD PURPOSES.
- 4. THE ELECTRICAL CONTRACTOR SHALL NOT DISCONNECT EQUIPMENT AND ELECTRICAL CIRCUITS IN THE RENOVATION AREA OR ANY PART OF THE BUILDING WITHOUT PRIOR NOTIFICATION AND PERMISSION FROM THE OWNER. EXTREME CARE SHALL BE TAKEN TO MINIMIZE DISTURBANCE TO THE SURROUNDING AREA.
- . ITEMS REMOVED AND NOT SCHEDULED TO BE RELOCATED SHALL BE OFFERED TO THE OWNER FOR THEIR USE AND IF NOT ACCEPTED BY THE OWNER, THE ELECTRICAL CONTRACTOR SHALL DISPOSE OF THE MATERIAL FROM THE SITE IN ACCORDANCE WITH LOCAL REGULATIONS, THE ELECTRICAL CONTRACTOR SHALL DELIVER ITEMS ACCEPTED BY THE OWNER TO THE DESIGNATED LOCATIONS AS DIRECTED BY THE OWNER.
- 6. IN ALL CASES WHERE WORK IS REMOVED, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT AND LABOR TO SUSTAIN OPERATION OF ALL PARTS OF THE SYSTEMS CONNECTING TO OR FROM THE PART REMOVED, COMPLETING ALL WORK IN STRICT ACCORDANCE WITH APPLICABLE
- . ALL WIRING, CABLES AND FEEDERS INCLUDING BOTH CONNECTED TO DEVICES AND EQUIPMENT TO BE DEMOLISHED AND EXISTING THAT WERE ABANDONED IN PLACE SHALL BE REMOVED BACK TO THEIR SOURCES. UNLESS NOTED OTHERWISE, CONDUITS AND/OR WIRING SHALL, WHERE NECESSARY, BE RE-CIRCUIT AROUND THE REMOVED PART, KEEPING OCCUPIED PARTS OF THE BUILDING SYSTEM IN
- B. ALL EXISTING CONDUITS WHICH HAVE BEEN ABANDONED OR ARE UNUSED SHALL BE REMOVED.
- 9. PROVIDE BLANK METAL COVER PLATES FOR ALL JUNCTION/DEVICE BOXES NO LONGER IN USE THAT ARE EMBEDDED IN FLOOR SLAB OR MASONRY WALLS.
 PROVIDE PLUGS FOR ALL PANELS WHERE CONDUIT HAS BEEN REMOVED. COVER
 PLATES SHALL BE PAINTED TO MATCH EXISTING CONDITIONS.
- O. WHERE REQUIRED COORDINATE WITH THE CONSULTANTS/OWNER FOR EXISTING PARTITIONS TO BE REMOVED TO FACILITATE WORK. DISCONNECT EXISTING BRANCH CIRCUITS SERVICING DEVICES IN PARTITIONS TO BE REMOVED. MAINTAIN CONTINUITY OF CIRCUITS SERVICING EXISTING DEVICES IN OTHER AREAS TO
- 1. <u>LIGHTING FIXTURES:</u> REMOVE LIGHTING FIXTURES AND SWITCH CONTROL WHEN THE FIXTURE TO BE REMOVED IS SERVED BY A CIRCUIT, THAT SUPPLIES FIXTURES IN OTHER, AREAS THAT ARE TO REMAIN, THE ELECTRICAL CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF THE CIRCUIT TO THE REMAINING FIXTURES.
- 12. POWER RECEPTACLES: REMOVE RECEPTACLES. WHEN THE RECEPTACLE TO BE REMOVED IS SERVED BY A CIRCUIT THAT SUPPLIES RECEPTACLES IN OTHER AREAS, THAT ARE TO REMAIN, THE ELECTRICAL CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF THE CIRCUIT TO THE REMAINING RECEPTACLES. 13. <u>FIRE ALARM SYSTEM:</u> COORDINATE AND CONSULT WITH CURRENT F/A SYSTEM SERVICE CONTRACTOR OR THEIR QUALIFIED REPRESENTATIVE FOR ALL FIRE ALARM DEMOLITION AND MODIFICATIONS. OPERATION SHALL BE MAINTAINED OF EXISTING
- 14. ELECTRICAL CONTRACTOR SHALL PROVIDE UPDATED TYPE WRITTEN PANEL DIRECTORIES FOR ALL PANELS AFFECTED BY THE DEMOLITION AND/OR NEW WORK. CIRCUIT BREAKERS NOT USED FOR NEW WORK SHALL BE LABELED AS

PERFORMING WORK.

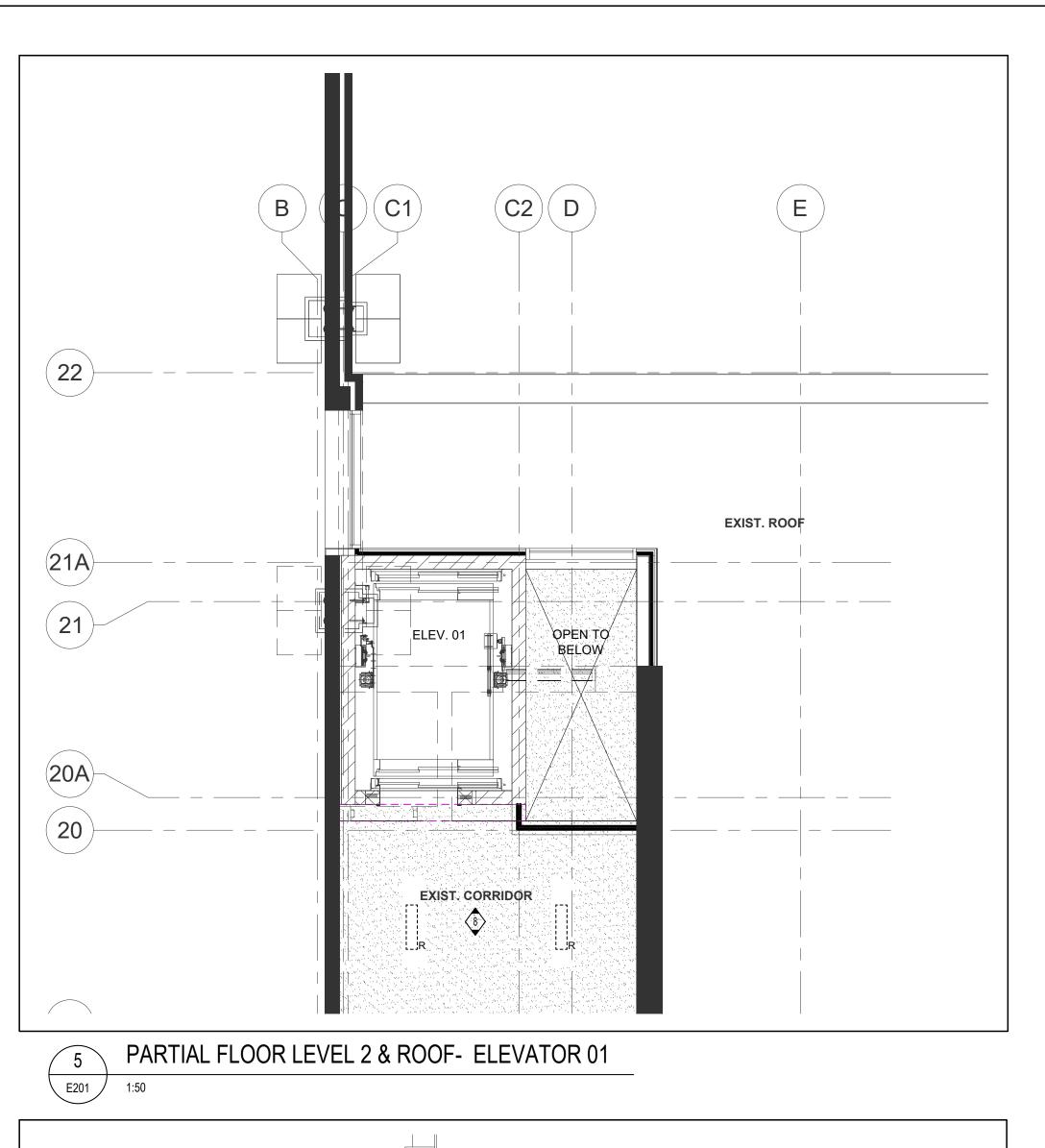
FIRE ALARM SYSTEM SPECIFICALLY AS IT RELATES TO ADJACENT AREAS WHICH ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT.

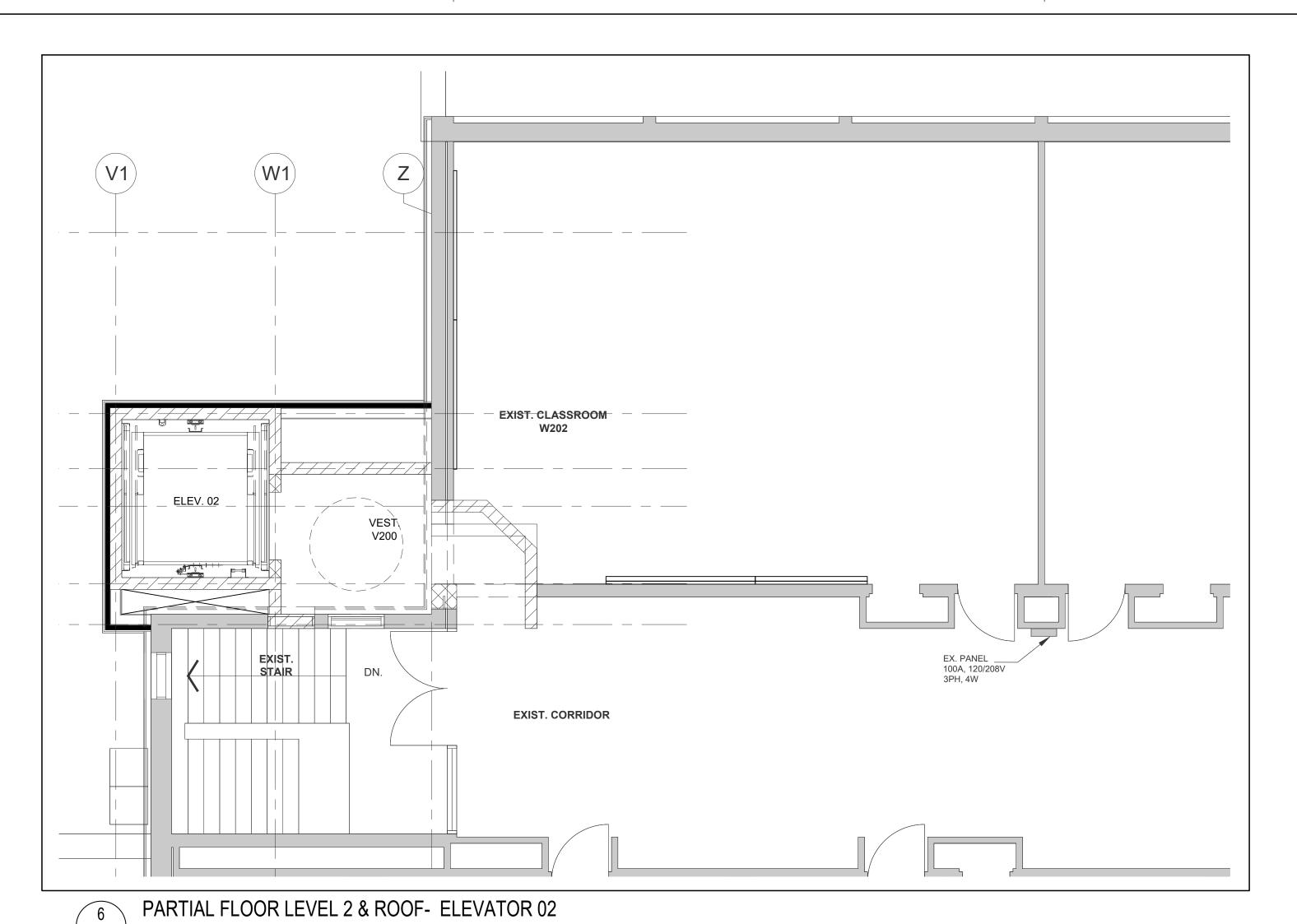
15. FOR EXISTING DEVICES/CIRCUITRY THAT ARE INDICATED TO BE REMOVED BACK TO POINT OF ORIGIN—THESE ITEMS ARE TO BE REMOVED BACK TO POINT OF ORIGIN UNLESS THERE WILL BE EXISTING DEVICES ON THE SAME CIRCUIT THAT ARE LOCATED OUTSIDE AREA OF WORK THAT ARE TO REMAIN. IN THAT CASE, REMOVE THE EXISTING DEVICES/CIRCUITRY IN AREA OF WORK BACK TO THESE EXISTING DEVICES TO REMAIN. ALL DEVICES/CIRCUITRY IN SURROUNDING AREAS THAT ARE TO REMAIN ARE TO BE KEPT ENERGIZED. FOR REMOVAL OF CONDUIT AND WIRING OUTSIDE OF AREA OF WORK COORDINATE AND SCHEDULE WITH OWNER PRIOR TO

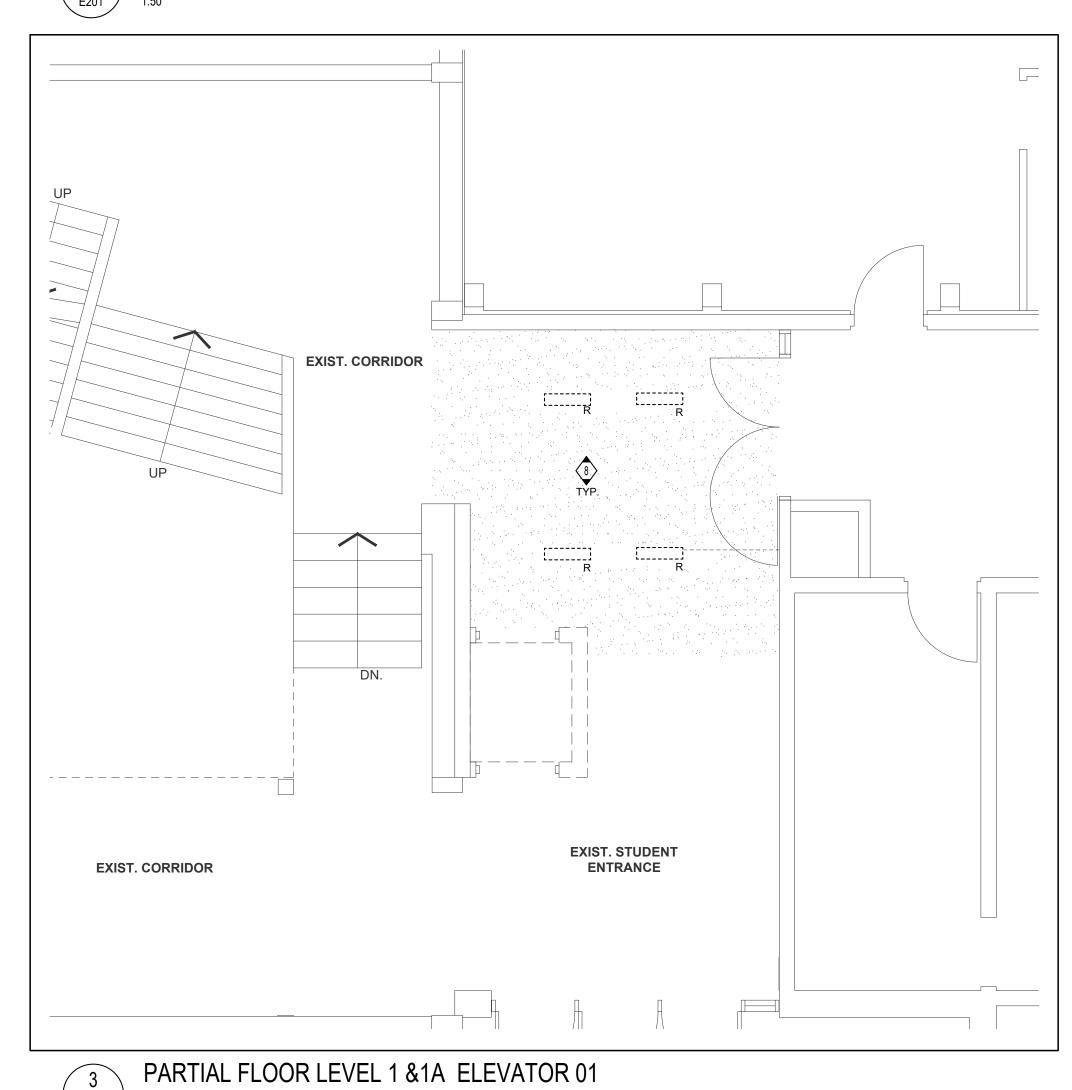
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4	ISSUED FOR CONSTRUCTION	2025.06.0
3	ISSUED FOR TENDER	2025.04.1
2	ISSUED FOR PERMIT	2025.04.0
1	ISSUED FOR REVIEW	2025.03.2
No.	Issue	Date

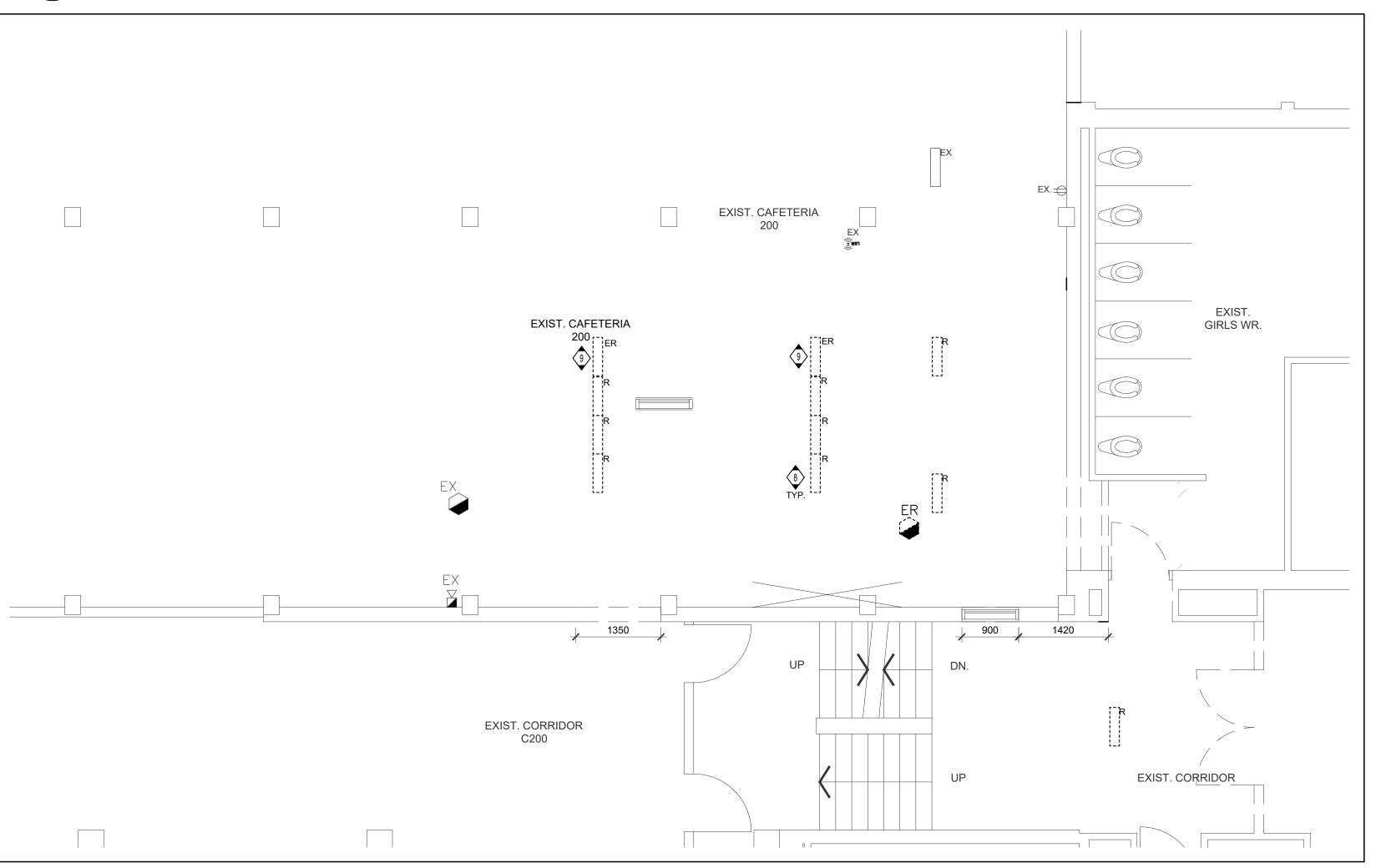
LEVEL 0 - WASHROOM LIGHTING & POWER **DEMOLITION PLAN**

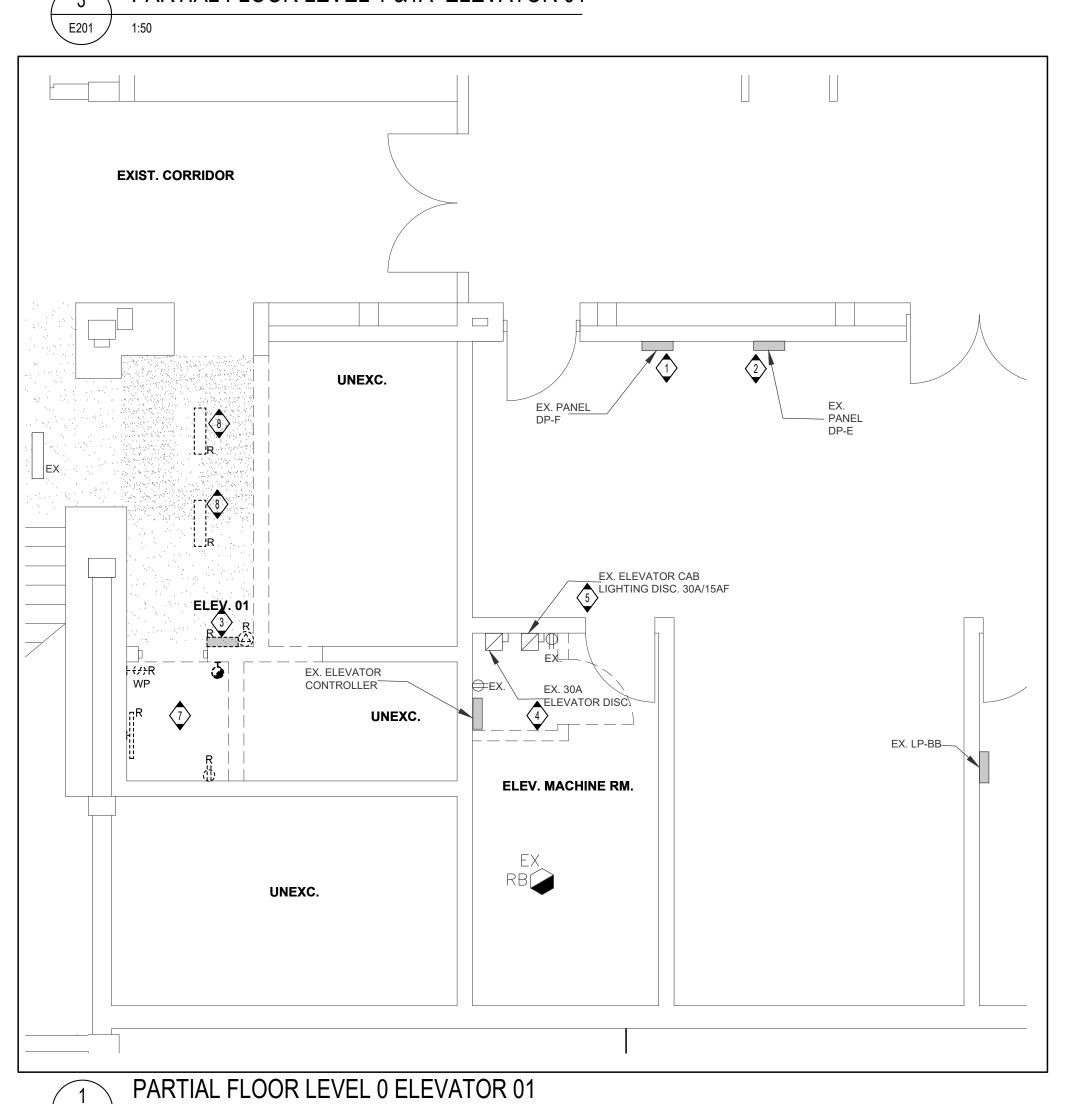
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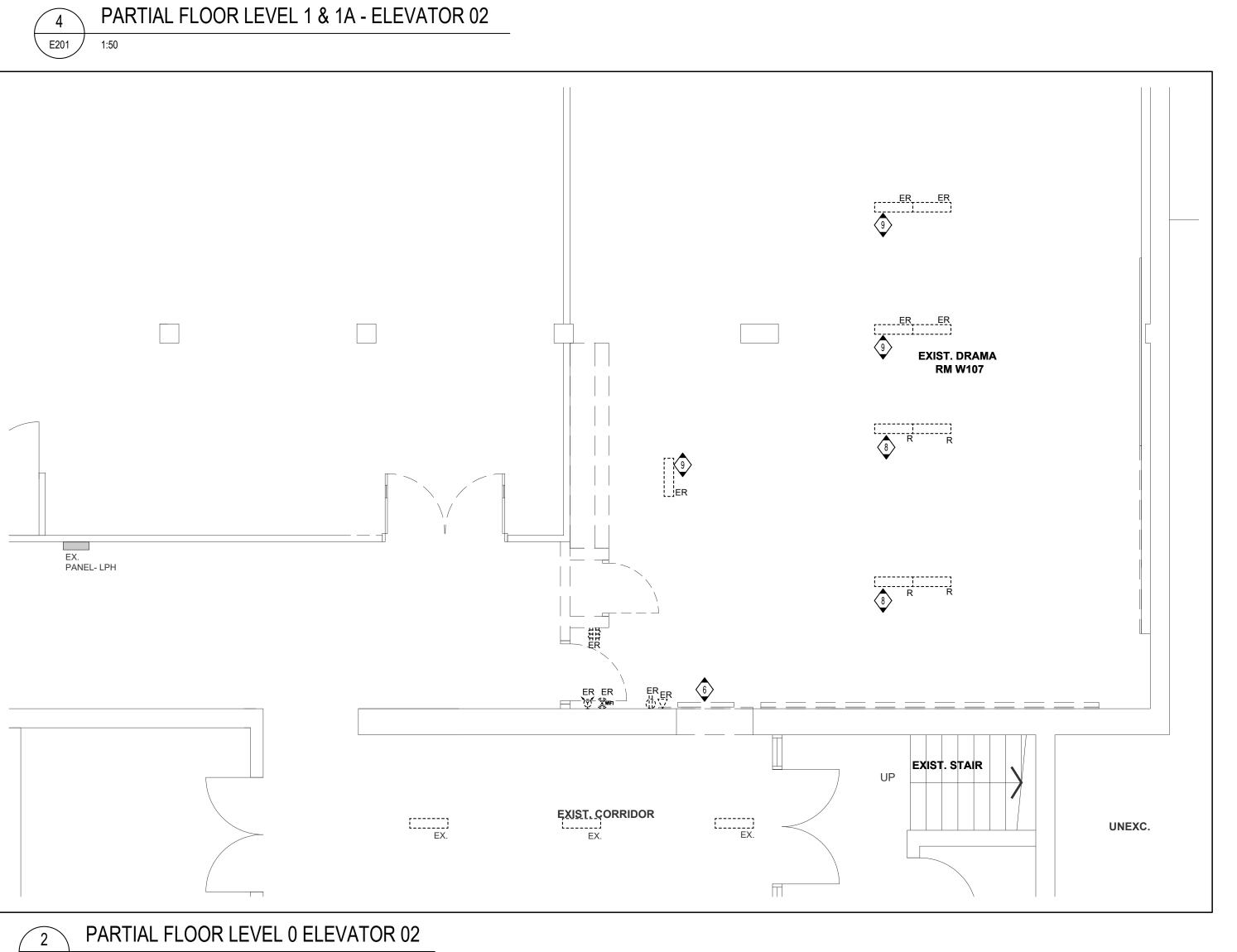








E201 1:50



GENERAL NOTES

- THE ELECTRICAL CONTRACTOR SHALL, AS PART OF HIS WORK, PERFORM ALL RELATED DEMOLITION, MODIFICATIONS, RELOCATION OF ELECTRICAL DISTRIBUTION AND OTHER EQUIPMENT AND RELATED WORK, INCLUDING NEW WORK NECESSARY TO COMPLETE THE PROJECT.
- . ALL EXISTING FIELD CONDITIONS MAY NOT BE SHOWN ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING BIDS. REFER TO EXISTING DRAWINGS AND VISIT THE SITE TO DETERMINE THE EXTENT OF THE DEMOLITION AND NEW WORK REQUIRED. REQUEST FOR EXTRA WILL NOT BE CONSIDERED FOR FAILURE BY THE CONTRACTOR TO BECOME FAMILIAR WITH THE EXISITNG
- 3. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL TECHNICAL DETAILS OF EQUIPMENT TO BE REMOVED. WHERE THERE IS A DISCREPANCY WITH THE TENDER DOCUMENTS, CONTRACTOR SHALL ENGAGE CONSULTANTS FOR DIRECTIONS. ELECTRICAL CONTRACTOR SHALL MAKE A LIST OF ALL EQUIPMENT TO BE REMOVED. THIS LIST SHALL BE WITH ALL FOLLOWING INFORMATION. * MAKE/MODEL# * MANÚFACTURËR
- * TECHNICAL DETAILS * LOCATION THIS LIST SHALL BE SUBMITTED TO THE OWNER FO RECORD PURPOSES. . THE ELECTRICAL CONTRACTOR SHALL NOT DISCONNECT EQUIPMENT AND
- ELECTRICAL CIRCUITS IN THE RENOVATION AREA OR ANY PART OF THE BUILDING WITHOUT PRIOR NOTIFICATION AND PERMISSION FROM THE OWNER. EXTREME CARE SHALL BE TAKEN TO MINIMIZE DISTURBANCE TO THE SURROUNDING AREA. . ITEMS REMOVED AND NOT SCHEDULED TO BE RELOCATED SHALL BE OFFERED TO THE OWNER FOR THEIR USE AND IF NOT ACCEPTED BY THE OWNER, THE ELECTRICAL CONTRACTOR SHALL DISPOSE OF THE MATERIAL FROM THE SITE IN
- ACCORDANCE WITH LOCAL REGULATIONS, THE ELECTRICAL CONTRACTOR SHALL DELIVER ITEMS ACCEPTED BY THE OWNER TO THE DESIGNATED LOCATIONS AS DIRECTED BY THE OWNER. IN ALL CASES WHERE WORK IS REMOVED, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT AND LABOR TO SUSTAIN OPERATION OF ALL PARTS OF THE SYSTEMS CONNECTING TO OR FROM THE PART REMOVED, COMPLETING ALL WORK IN STRICT ACCORDANCE WITH APPLICABLE
- . ALL WIRING, CABLES AND FEEDERS INCLUDING BOTH CONNECTED TO DEVICES AND EQUIPMENT TO BE DEMOLISHED AND EXISTING THAT WERE ABANDONED IN PLACE SHALL BE REMOVED BACK TO THEIR SOURCES. UNLESS NOTED OTHERWISE, CONDUITS AND/OR WIRING SHALL, WHERE NECESSARY, BE RE-CIRCUIT AROUND THE REMOVED PART, KEEPING OCCUPIED PARTS OF THE BUILDING SYSTEM IN
- 8. ALL EXISTING CONDUITS WHICH HAVE BEEN ABANDONED OR ARE UNUSED SHALL
- LONGER IN USE THAT ARE EMBEDDED IN FLOOR SLAB OR MASONRY WALLS. PROVIDE PLUGS FOR ALL PANELS WHERE CONDUIT HAS BEEN REMOVED. COVER PLATES SHALL BE PAINTED TO MATCH EXISTING CONDITIONS.). WHERE REQUIRED COORDINATE WITH THE CONSULTANTS/OWNER FOR EXISTING PARTITIONS TO BE REMOVED TO FACILITATE WORK. DISCONNECT EXISTING BRANCH CIRCUITS SERVICING DEVICES IN PARTITIONS TO BE REMOVED. MAINTAIN

CONTINUITY OF CIRCUITS SERVICING EXISTING DEVICES IN OTHER AREAS TO

. PROVIDE BLANK METAL COVER PLATES FOR ALL JUNCTION/DEVICE BOXES NO

- <u>LIGHTING FIXTURES:</u> REMOVE LIGHTING FIXTURES AND SWITCH CONTROL WHEN THE FIXTURE TO BE REMOVED IS SERVED BY A CIRCUIT, THAT SUPPLIES FIXTURES IN OTHER, AREAS THAT ARE TO REMAIN, THE ELECTRICAL CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF THE CIRCUIT TO THE REMAINING FIXTURES.
- 2. <u>POWER RECEPTACLES:</u> REMOVE RECEPTACLES. WHEN THE RECEPTACLE TO BE REMOVED IS SERVED BY A CIRCUIT THAT SUPPLIES RECEPTACLES IN OTHER AREAS, THAT ARE TO REMAIN, THE ELECTRICAL CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF THE CIRCUIT TO THE REMAINING RECEPTACLES. . <u>FIRE ALARM SYSTEM:</u> COORDINATE AND CONSULT WITH CURRENT F/A SYSTEM SERVICE CONTRACTOR OR THEIR QUALIFIED REPRESENTATIVE FOR ALL FIRE ALARM
- DEMOLITION AND MODIFICATIONS. OPERATION SHALL BE MAINTAINED OF EXISTING FIRE ALARM SYSTEM SPECIFICALLY AS IT RELATES TO ADJACENT AREAS WHICH ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT. 14. ELECTRICAL CONTRACTOR SHALL PROVIDE UPDATED TYPE WRITTEN PANEL DIRECTORIES FOR ALL PANELS AFFECTED BY THE DEMOLITION AND/OR NEW WORK. CIRCUIT BREAKERS NOT USED FOR NEW WORK SHALL BE LABELED AS
- 15. FOR EXISTING DEVICES/CIRCUITRY THAT ARE INDICATED TO BE REMOVED BACK TO POINT OF ORIGIN—THESE ITEMS ARE TO BE REMOVED BACK TO POINT OF ORIGIN UNLESS THERE WILL BE EXISTING DEVICES ON THE SAME CIRCUIT THAT ARE LOCATED OUTSIDE AREA OF WORK THAT ARE TO REMAIN. IN THAT CASE, REMOVE THE EXISTING DEVICES/CIRCUITRY IN AREA OF WORK BACK TO THESE EXISTING DEVICES TO REMAIN. ALL DEVICES/CIRCUITRY IN SURROUNDING AREAS THAT ARE TO REMAIN ARE TO BE KEPT ENERGIZED. FOR REMOVAL OF CONDUIT AND WIRING OUTSIDE OF AREA OF WORK COORDINATE AND SCHEDULE WITH OWNER PRIOR TO

DRAWING NOTES

- EXISTING PANEL DP-F HAS ONE (1) 208V, 60A.3P SPARE BREAKER.
- 2 EXISTING PANEL DP-E HAS ONE (1) 208V, 100A.3P SPARE BREAKER. DISCONNECT THE EXISTING SUMP PUMP & THE SUMP PUMP CONTROL PANEL FROM THE SOURCE PANEL AND

MAKE IT SAFE FOR REMOVAL BY OTHERS. PROTECT EXISTING FEEDER FOR REUSE.

- DISCONNECT THE EXISTING ELEVATOR FEEDER AND MAKE IT SAFE FOR ELEVATOR DEMOLITION. PROTECT THE EXISTING FEEDERS FOR REUSE.
- DISCONNECT THE EXISTING ELEVATOR CAB LIGHTING FEEDER AND MAKE IT SAFE FOR ELEVATOR DEMOLITION. PROTECT THE EXISTING FEEDERS FOR REUSE.
- EXISTING PROJECTOR TO BE REUSED. DISCONNECT AND RELOCATE POWER, DATA, AV CABLES AND ASSOCIATED RACEWAY. REFER TO DRAWINGS E301 FOR NEW LOCATION.
- EXISTING HEAT DETECTOR, LIGHTI FIXTURE, LIGHT SWITCH AND SERVICE RECEPTACLE IN THE ELEVATOR PIT TO BE DEMOLISHED. PROTECT THE EXISTING CIRCUITS FOR REUSE.
- DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND MAKE IT SAFE FOR REMOVAL. PROTECT THE EXISTING CIRCUIT FOR REUSE.
- (9) DISCONNECT AND STORE EXISTING LIGHT FIXTURE. PROTECT THE EXISTING CIRCUIT FOR REUSE.

T. A. BLAKELOCK H.S.

RENOVATIONS

Halton District School Board 2050 Guelph Line

Burlington, Ontario

1160 Rebecca Street Oakville, ON

Architect

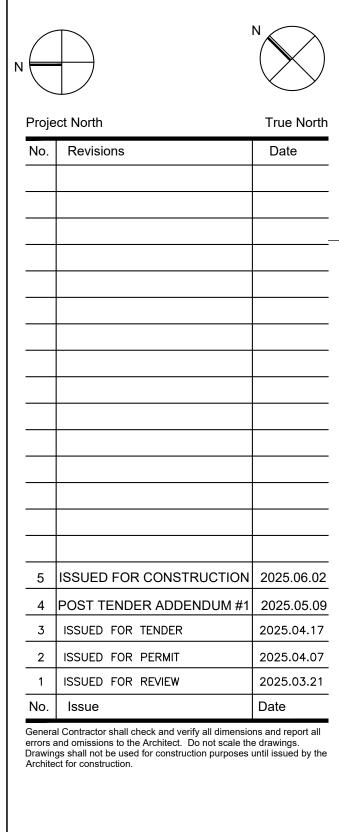
100 Broadview Ave, Suite 301, Toronto, ON, M4M 3H3 www.snyderarchitects.ca

Consultants Structural Consultants Kalos Engineering Inc.

300 York Boulevard Hamilton, Ontario, L8R 3K6 Tel: 905-333-9119

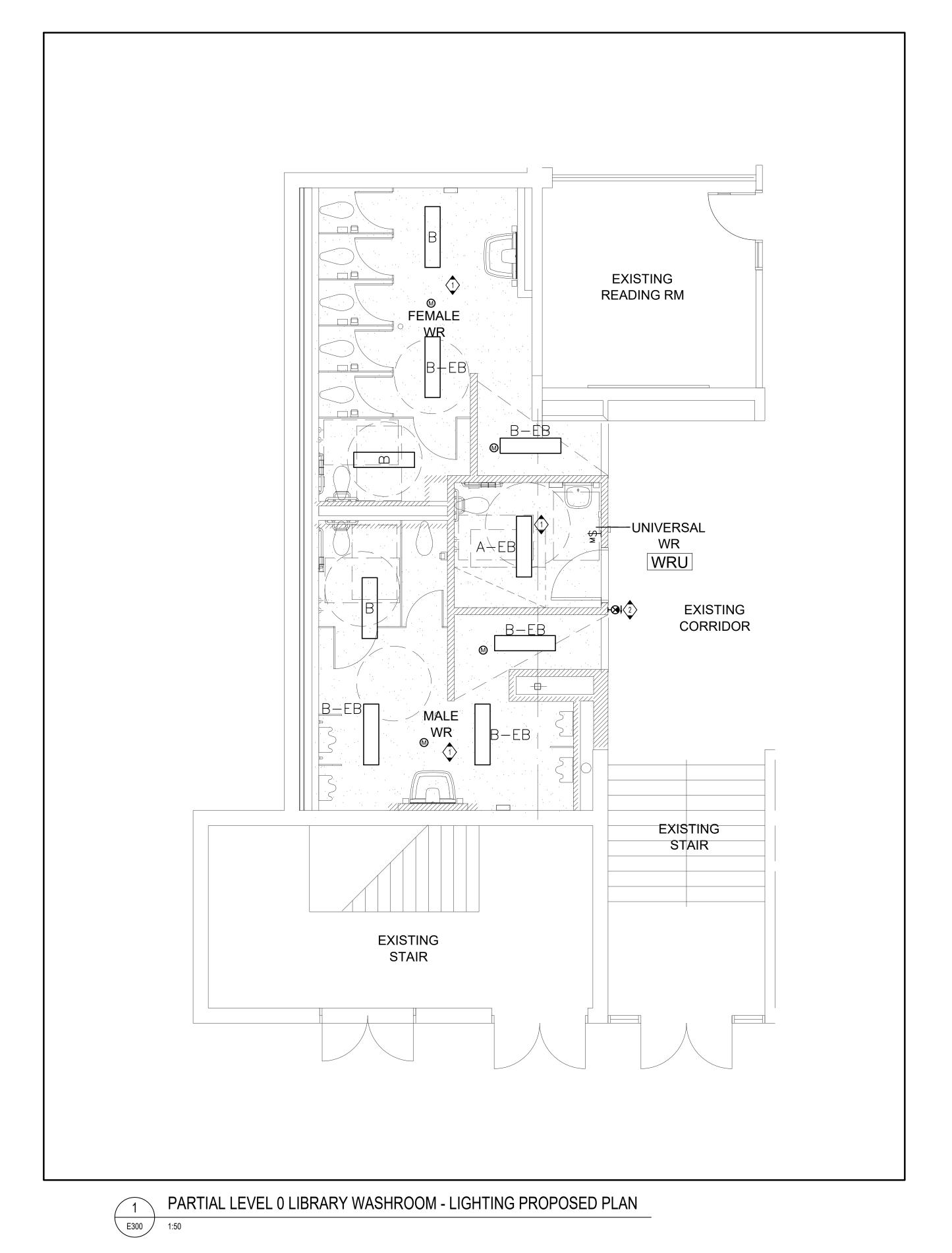
Mechanical and Electrical Consultants EXP 1266 S. Service Rd, Stoney Creek, Ontario, L8E 5R9

Tel: 905-525-6069



PARTIAL LEVEL 0, 1 & 2-**ELEVATOR-DEMOLITION PLAN**

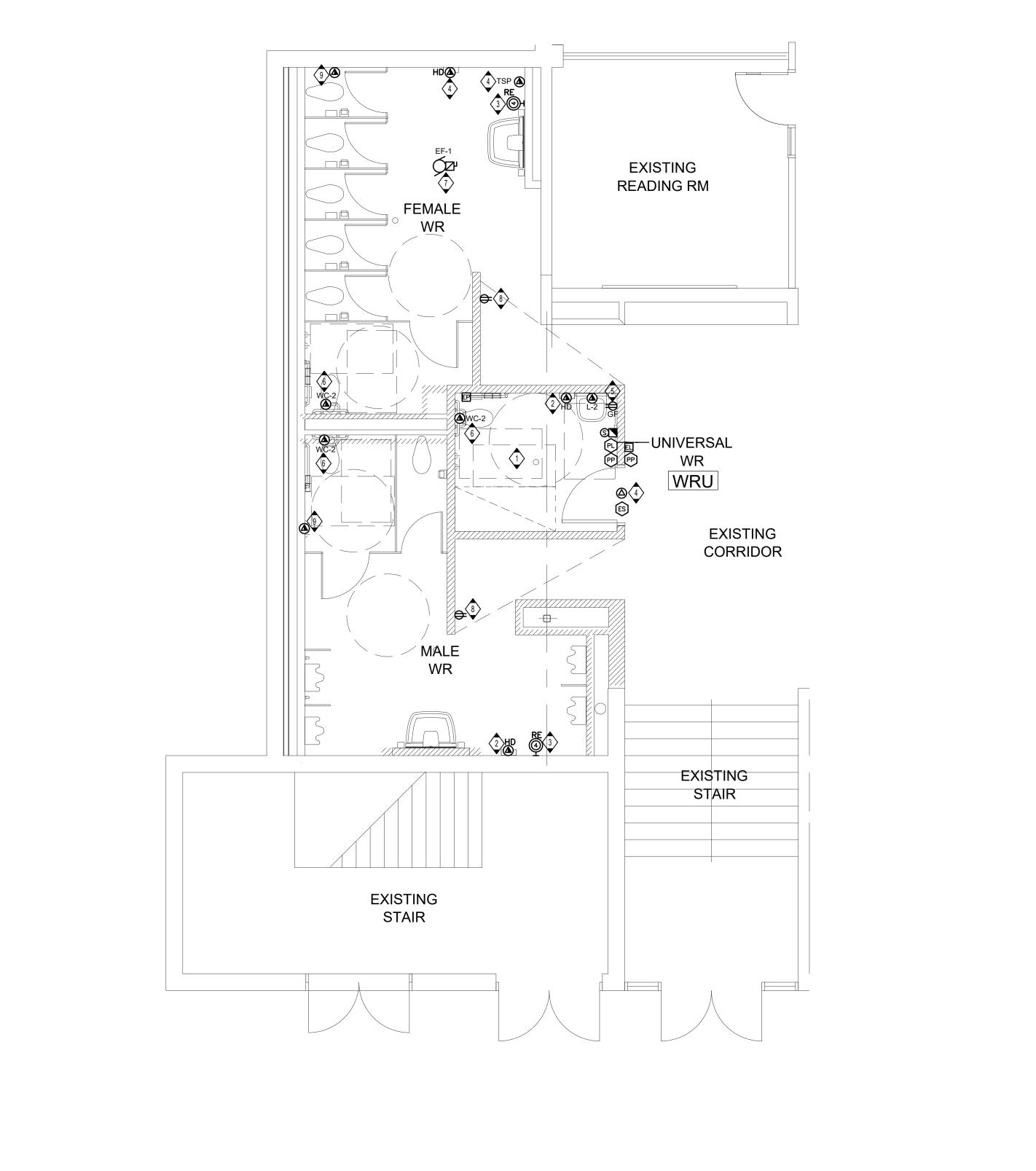
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DRAWING NOTES

UNLESS INDICATED OTHERWISE, WIRE ALL NEW LIGHTING FIXTURE IN THIS ROOM TO EXISTING ROOM LIGHTING BRANCH CIRCUIT WIRING MADE AVAILABLE/SPARE BY THE DEMOLITION AND THROUGH NEW LIGHTING CONTROL DEVICES AND CONTROL ZONES AS INDICATED ON PLANS. MODIFY AND EXTEND EXISTING BRANCH CIRCUIT WIRING AS REQUIRED.

USE EXISTING CIRCUIT TO FEED THE NEW RUNNING MAN EXIT SIGN. PROVIDE ADDITIONAL CONDUIT/WIRING AS REQUIRED.



DRAWING NOTES

PROVIDE ALL POWER AND CONTROL WIRING AND CONDUIT TO DOOR OPERATOR, DOOR PUSHBUTTONS, ELECTRICAL DOOR LOCK, IN-USE LIGHT AND PUSHBUTTON. COORDINATE DEVICE LOCATIONS WITH DOOR HARDWARE INSTALLER.

REPLACE EXISTING BREAKER IN PANEL LP-Y LOCATED IN THE LIBRARY FEEDING THE EXISTING HAND DRYER CIRCUITS. PROVIDE 20AMP TANDEM BREAKER TO FEED THE NEW HAND DRYER LOCATED IN UNIVERSAL WASHROOM & MALE WASHROOM. CONNECT THE NEW HAND DRYERS TO THE EXISTING CIRCUIT. PROVIDE ADDITIONAL CONDUIT/WIRING AS REQUIRED.

REQUIRED.

INSTALL THE EXISTING PA SPEAKER TO THE NEW LOCATION AS SHOWN. PROVIDE ADDITIONAL WIRING AS REQUIRED.

REPLACE EXISTING BREAKER IN PANEL LP-Y LOCATED IN THE LIBRARY FEEDING THE EXISTING HAND DRYER CIRCUITS. PROVIDE 20AMP TANDEM BREAKER TO FEED THE NEW HAND DRYER & TRAP SEAL PRIMER (TPS) LOCATED IN FEMALE WASHROOM & AUTOMATIC DOOR OPERATOR IN UNIVERSAL WASHROOM. PROVIDE ADDITIONAL CONDUIT/WIRING AS REQUIRED.

CONNECT THE GFCI RECEPTACLE LOCATED IN UNIVERSAL WASHROOM TO THE EXISTING CORRIDOR RECEPTACLE CIRCUIT. PROVIDE ADDITIONAL CONDUIT/WIRING AS REQUIRED.

WIRE THE NEW PLUMBING FIXTURES CIRCUITS TO THE EXISTING LIGHTING CIRCUITS. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.

CONNECT THE NEW EXHAUST FAN EF-1 TO THE EXISTING EXHAUST FAN CIRCUIT LOCATED IN THE MALE & FEMALE WASHROOM. PROVIDE ADDITIONAL CONDUIT/WIRING AS REQUIRED.

CONNECT THE NEW DUPLEX RECEPTACLES TO THE EXISTING CORRIDOR RECEPTACLE CIRCUIT. PROVIDE ADDITIONAL CONDUIT/WIRING AS REQUIRED.

WIRE THE NEW PLUMBING VALVE CIRCUITS TO THE EXISTING LIGHTING CIRCUITS. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.

2050 Guelph Line Burlington, Ontario

Halton District School Board

T. A. BLAKELOCK H.S. RENOVATIONS

1160 Rebecca Street

Oakville, ON

Architect

Sn/der
Snyder Architects Inc.
10 Broadview Ave. Suite 301, Toronto, ON, M4M 3H3

Snyder Architects Inc.

100 Broadview Ave, Suite 301, Toronto, ON, M4M 3H3
tel. 416.966.5444 fax. 416.966.4443
w w w . s n y d e r a r c h i t e c t s . c a

Consultants

Structural Consultants **Kalos Engineering Inc.**300 York Boulevard

Hamilton, Ontario, L8R 3K6

Tel: 905-333-9119

Tel: 905-333-9119

Mechanical and Electrical Consultants **EXP**

1266 S. Service Rd, Stoney Creek, Ontario, L8E 5R9 Tel: 905-525-6069

PARTIAL LEVEL 0 LIBRARY WASHROOM - POWER & SYSTEMS PROPOSED PLAN

1:50

GENERAL NOTES

- DRAWINGS ILLUSTRATE INTENT AND DO NOT NECESSARILY REPRESENT ALL REQUIRED CONTROL COMPONENTS, FINAL WIRING METHODS OR FIXTURE MOUNTING LOCATIONS. DETERMINE THE FINAL SYSTEM INSTALLATION BASED ON THE PRODUCT MANUFACTURER'S SHOP DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS FOR PRECISE MOUNTING LOCATION OF LUMINAIRES.
- B. EXIT SIGNS ARE TO BE MOUNTED SO THEY ARE VISIBLE UPON APPROACH NO HIGHER THAN 3000 AFF AND NO LOWER THAN 2100 AFF.
- C. CEILING MOUNTED DUAL TECHNOLOGY (DT) SENSORS ARE TO BE MOUNTED NO HIGHER THAN 3600 AFF.
- D. CONTROL DEVICES SHALL BE MOUNTED IN ACCESSIBLE LOCATIONS ABOVE THE CEILING WHERE FIXTURES ARE INSTALLED IN HARD CEILINGS, CONTROL DEVICES SHALL BE MOUNTED WITHIN THE FIXTURE DRIVER CHAMBER OR REMOTE MOUNTED IN THE NEAREST ACCESSIBLE CEILING. CONTROL DEVICES SHALL BE LABELED WITH THE CORRESPONDING CONTROL ZONE AND POWER CIRCUIT.
- E. CONTROL DEVICES SHALL BE MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SO THEY ARE CAPABLE OF OPERATING PROPERLY WITHOUT FALSE 'ON' OR PREMATURE 'OFF' OPERATIONS. DUAL TECHNOLOGY OCCUPANCY SENSORS SHALL NOT BE MOUNTED WITHIN 610 mm OF ANY HVAC DIFFUSER.
- F. CIRCUITS USED ARE FOR CIRCUITING PURPOSE ONLY. CONNECT NEW FIXTURES AND EXIT SIGNS TO EXISTING LOCAL NORMAL AND EMERGENCY POWER LIGHTING CIRCUITS AS INDICATED. LIGHTING IN SPACES IDENTIFIED AS NOT IN CONTRACT (IE. SHADED GREY) SHALL BE RE-CONNECTED TO THE SAME POWER PANEL(S) AS THEY WERE PRIOR TO START OF DEMOLITION WORK.
- G. ALLOW IN PRICE FOR TEMPORARILY REMOVING CEILING TILES, LIGHT FIXTURES OR ANY OTHER IMPEDIMENTS TO INSTALL THE FEEDER CONDUIT IN CEILING SPACE. AFTER INSTALLATION, RE-INSTATE ALL LIGHT FIXTURES AND CEILING MOUNTED DEVICES.

ELECTRICAL GENERAL NOTES

- A. PRIOR TO BIDDING, ELECTRICAL CONTRACTOR SHALL VISIT SITE AND BE FAMILIAR WITH ALL EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO EQUIPMENT LOCATIONS AND OTHER POSSIBLE INSTALLATION DIFFICULTIES. PAY AND OBTAIN ANY PERMITS REQUIRED INCLUDING ESA.
- B. ALL CONDUIT ROUTES SHOWN ON DRAWINGS ARE APPROXIMATE AND NOT FINAL. CONTRACTOR SHALL VERIFY ROUTES AND DO A WALKTHROUGH BEFORE BID. CONTRACTOR SHALL ACCOUNT FOR POSSIBLE DAMAGE AND REPAIR TO EXISTING CEILING AND LIGHT FIXTURES. ALL MAIN CONDUIT RUNS SHALL BE IN CORRIDOR CEILING SPACE.
- EXTEND/PROVIDE NEW WIRING/CONDUIT FOR ALL DEVICES THAT ARE RELOCATED.
- ALL NEW RECEPTACLES IN THE SCHOOL SHALL BE TAMPER RESISTANT TYPE.

 REMOVE AND RE-INSTATE ALL REQUIRED T-BAR OR DRY TYPE CEILINGS TO FACILITATI ELECTRICAL INSTALLATIONS. ANY DAMAGES TO T-BAR SHALL BE RE-INSTATED.

UNLESS OTHERWISE NOTED WITH A CIRCUIT NUMBER, RE-USE EXISTING CIRCUIT BREAKERS THAT HAD BECOME SPARE FROM THE DEMOLITION TO FEED NEW

- RECEPTACLES. MAXIMUM 6 DUPLEX RECEPTACLES PER CIRCUIT UNLESS OTHERWISE NOTED.

 G. ALL I.T. CABLES SHALL BE PLENUM RATED.
- H. CONTRACTOR SHALL ACCOUNT FOR POSSIBLE DAMAGE AND REPAIR TO CEILING TILES FOR CONDUIT RUNS FROM PANELS TO NEW ELECTRICAL DEVICES.
- CIRCUIT NUMBERS SHOWN ON THIS PLAN ARE FOR CIRCUITING PURPOSE ONLY. REUSE EXISTING SPARE BREAKERS OR EXISTING BREAKERS MADE SPARE FROM DEMOLITION AND/OR REPLACE OBSOLETE BREAKERS WITH NEW ADD/OR ADD NEW BREAKERS IN AVAILABLE SPACES IN EXISTING ELECTRICAL PANELS AS REQUIRED OR REPLACE EXISTING PANELS WITH NEW AS INDICATED. CONFIRM EXISTING CONDITIONS ON SITE.

Project North

True North

No. Revisions

Date

4 ISSUED FOR CONSTRUCTION 2025.06.02

3 ISSUED FOR TENDER 2025.04.17

2 ISSUED FOR PERMIT 2025.04.07

1 ISSUED FOR REVIEW 2025.03.21

No. Issue

Date

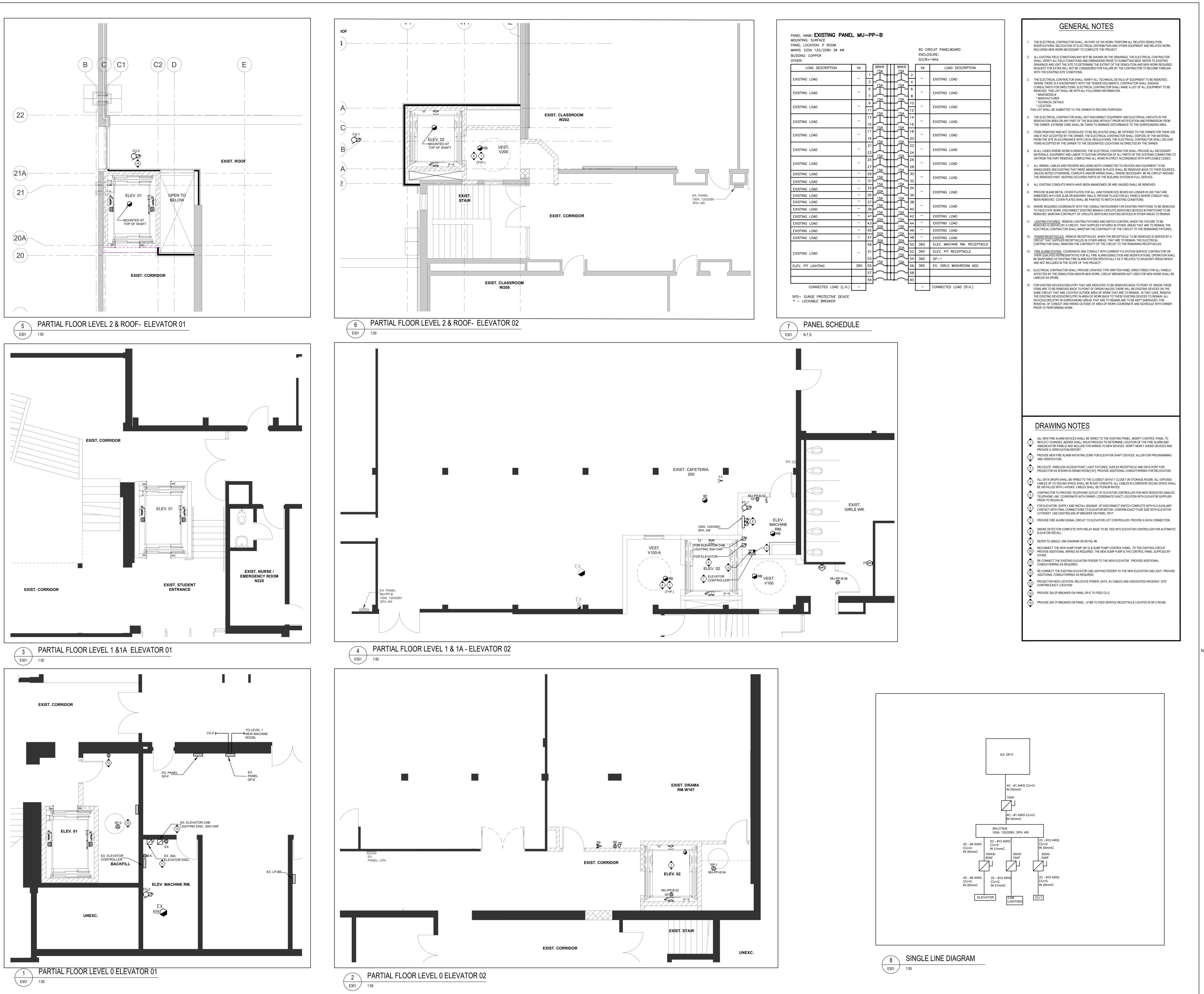
General Contractor shall check and verify all dimensions and report all errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

LEVEL 0 - WASHROOM

Drawn by: ABS Checked by: FMV

Job No.

ALL-22020201



Halton District School Board 2050 Guelph Line Burlington, Ontario

T. A. BLAKELOCK H.S.

RENOVATIONS

1160 Rebecca Street Oakville, ON

100 Broadview Ave, Suite 301, Toronto, ON, M4M 3H3

Consultants

Structural Consultants

www.snyderarchitects.ca

Kalos Engineering Inc. 300 York Boulevard Hamilton, Ontario, L8R 3K6 Tel: 905-333-9119

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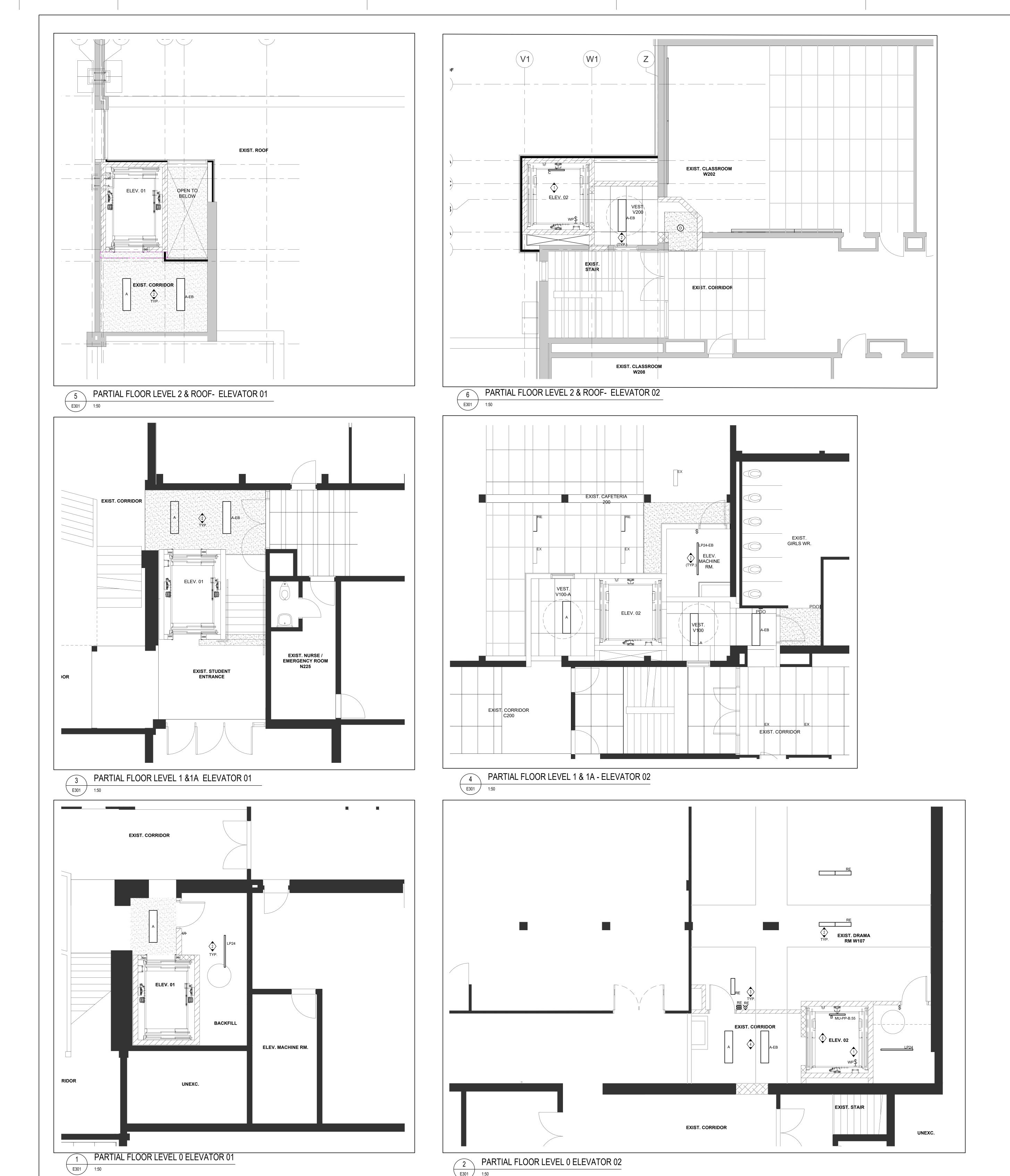
Stoney Creek, Ontario, L8E 5R9 Tel: 905-525-6069

Project North True North 5 ISSUED FOR CONSTRUCTION 2025.06.02 ISSUED FOR TENDER 2025.04.17 2025.04.07 ISSUED FOR PERMIT 2025.03.21 ISSUED FOR REVIEW errors and omissions to the Architect. Do not scale the drawings.

Drawings shall not be used for construction purposes until issued by the

PARTIAL LEVEL 0, 1 & 2 **ELEVATOR -**PROPOSED PLAN

ABS Checked by: FMV ALL-22020201



GENERAL NOTES

- THE ELECTRICAL CONTRACTOR SHALL, AS PART OF HIS WORK, PERFORM ALL RELATED DEMOLITION, MODIFICATIONS, RELOCATION OF ELECTRICAL DISTRIBUTION AND OTHER EQUIPMENT AND RELATED WORK, INCLUDING NEW WORK NECESSARY TO COMPLETE THE PROJECT.
- ALL EXISTING FIELD CONDITIONS MAY NOT BE SHOWN ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING BIDS. REFER TO EXISTING DRAWINGS AND VISIT THE SITE TO DETERMINE THE EXTENT OF THE DEMOLITION AND NEW WORK REQUIRED. REQUEST FOR EXTRA WILL NOT BE CONSIDERED FOR FAILURE BY THE CONTRACTOR TO BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL TECHNICAL DETAILS OF EQUIPMENT TO BE REMOVED. WHERE THERE IS A DISCREPANCY WITH THE TENDER DOCUMENTS, CONTRACTOR SHALL ENGAGE CONSULTANTS FOR DIRECTIONS. ELECTRICAL CONTRACTOR SHALL MAKE A LIST OF ALL EQUIPMENT TO BE REMOVED. THIS LIST SHALL BE WITH ALL FOLLOWING INFORMATION. * MAKE/MODEL# * MANUFACTURER * TECHNICAL DETAILS
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- THE ELECTRICAL CONTRACTOR SHALL NOT DISCONNECT EQUIPMENT AND ELECTRICAL CIRCUITS IN THE RENOVATION AREA OR ANY PART OF THE BUILDING WITHOUT PRIOR NOTIFICATION AND PERMISSION FROM THE OWNER. EXTREME CARE SHALL BE TAKEN TO MINIMIZE DISTURBANCE TO THE SURROUNDING AREA.
- ITEMS REMOVED AND NOT SCHEDULED TO BE RELOCATED SHALL BE OFFERED TO THE OWNER FOR THEIR USE AND IF NOT ACCEPTED BY THE OWNER, THE ELECTRICAL CONTRACTOR SHALL DISPOSE OF THE MATERIAL FROM THE SITE IN ACCORDANCE WITH LOCAL REGULATIONS, THE ELECTRICAL CONTRACTOR SHALL DELIVER

ITEMS ACCEPTED BY THE OWNER TO THE DESIGNATED LOCATIONS AS DIRECTED BY THE OWNER.

- IN ALL CASES WHERE WORK IS REMOVED. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT AND LABOR TO SUSTAIN OPERATION OF ALL PARTS OF THE SYSTEMS CONNECTING TO OR FROM THE PART REMOVED, COMPLETING ALL WORK IN STRICT ACCORDANCE WITH APPLICABLE CODES. ALL WIRING, CABLES AND FEEDERS INCLUDING BOTH CONNECTED TO DEVICES AND EQUIPMENT TO BE DEMOLISHED AND EXISTING THAT WERE ABANDONED IN PLACE SHALL BE REMOVED BACK TO THEIR SOURCES. UNLESS NOTED OTHERWISE, CONDUITS AND/OR WIRING SHALL, WHERE NECESSARY, BE RE-CIRCUIT AROUND THE REMOVED PART, KEEPING OCCUPIED PARTS OF THE BUILDING SYSTEM IN FULL SERVICE.
- 8. ALL EXISTING CONDUITS WHICH HAVE BEEN ABANDONED OR ARE UNUSED SHALL BE REMOVED.
- 9. PROVIDE BLANK METAL COVER PLATES FOR ALL JUNCTION/DEVICE BOXES NO LONGER IN USE THAT ARE EMBEDDED IN FLOOR SLAB OR MASONRY WALLS. PROVIDE PLUGS FOR ALL PANELS WHERE CONDUIT HAS BEEN REMOVED. COVER PLATES SHALL BE PAINTED TO MATCH EXISTING CONDITIONS.
-). WHERE REQUIRED COORDINATE WITH THE CONSULTANTS/OWNER FOR EXISTING PARTITIONS TO BE REMOVED TO FACILITATE WORK. DISCONNECT EXISTING BRANCH CIRCUITS SERVICING DEVICES IN PARTITIONS TO BE REMOVED. MAINTAIN CONTINUITY OF CIRCUITS SERVICING EXISTING DEVICES IN OTHER AREAS TO REMAIN. <u>LIGHTING FIXTURES:</u> REMOVE LIGHTING FIXTURES AND SWITCH CONTROL WHEN THE FIXTURE TO BE REMOVED IS SERVED BY A CIRCUIT, THAT SUPPLIES FIXTURES IN OTHER, AREAS THAT ARE TO REMAIN, THE
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DRAWING NOTES

PRIOR TO PERFORMING WORK.

- MOUNT LIGHT SWITCH AND FIXTURES IN ELEVATOR PIT. COORDINATE EXACT MOUNTING LOCATIONS WITH ELEVATOR INSTALLER.
- UNLESS INDICATED OTHERWISE, WIRE ALL NEW LIGHTING FIXTURE IN THIS ROOM TO EXISTING ROOM LIGHTING BRANCH CIRCUIT WIRING MADE AVAILABLE/SPARE BY THE DEMOLITION AND THROUGH NEW LIGHTING CONTROL DEVICES AND CONTROL ZONES AS INDICATED ON PLANS. MODIFY AND EXTEND
- EXISTING BRANCH CIRCUIT WIRING AS REQUIRED. RELOCATE LIGHT SWITCH, EMERGENCY REMOTE HEAD AND LIGHT FIXTURES AS SHOWN IN DRAMA ROOM [107]
- PROVIDE ADDITIONAL CONDUIT/WIRING FOR RELOCATION. CONNECT NEW ELEVATOR VESTIBULE LIGHTING TO EXISTING CORRIDOR LIGHTING CIRCUIT.

Halton District School Board 2050 Guelph Line Burlington, Ontario

T. A. BLAKELOCK H.S.

RENOVATIONS 1160 Rebecca Street

Oakville, ON

100 Broadview Ave, Suite 301, Toronto, ON, M4M 3H3 tel. 416.966.5444 fax. 416.966.4443 w w w . s n y d e r a r c h i t e c t s . c a

> Consultants Structural Consultants Kalos Engineering Inc.

300 York Boulevard Hamilton, Ontario, L8R 3K6 Tel: 905-333-9119

Mechanical and Electrical Consultants EXP

1266 S. Service Rd, Stoney Creek, Ontario, L8E 5R9 Tel: 905-525-6069

Project North True North 5 ISSUED FOR CONSTRUCTION 2025.06.02 4 POST TENDER ADDENDUM #1 2025.05.09 ISSUED FOR TENDER 2025.04.07 ISSUED FOR PERMIT ISSUED FOR REVIEW 2025.03.21 errors and omissions to the Architect. Do not scale the drawings.

Drawings shall not be used for construction purposes until issued by the Architect for construction.

PARTIAL LEVEL 0, 1 & 2 ELEVATOR - LIGHTING PROPOSED PLAN

ABS Checked by: FMV ALL-22020201