J. DOUGLAS HODGSON ELEMENTARY SCHOOL **DOOR/SCREEN & MILLWORK RENOVATIONS**



ARCHI	TECTURAL DRAWING LIST
A001 A002	COVER SHEET, GENERAL NOTES & OBC MATRIX FIRST & SECOND FLOOR KEY PLAN
A301 A302 A303 A304 A305 A306 A307 A308 A309 A310 A311 A312 A313 A314	DEMO & NEW PLANS - VEST.101A AND FOYER 101 DEMO & NEW PLANS - CLASSROOMS 104, 105 & STOR. 125 DEMO & NEW PLANS - CLASSROOMS 109 & 110 DEMO & NEW PLANS - CLASSROOM 129 & MUSIC 130 DEMO & NEW PLANS - CONF. ROOM 102 & STAFF ROOM 132 DEMO & NEW PLANS - CLASSROOMS 204,206 & STORAGE 206A DEMO & NEW PLANS - CLASSROOMS 208 & 209 DEMO & NEW PLANS - CLASSROOMS 210 & 211 DEMO & NEW PLANS - CLASSROOMS 227 & 228 DEMO & NEW PLANS - CLASSROOMS 232, 233 & MEETING ROOM 230 DEMO & NEW PLANS - CLASSROOMS 235 & 236 DEMO & NEW PLANS - CLASSROOMS 237 & 238 NEW PLAN & RCP - UNIVERSAL WASHROOM 204A NEW PLAN & RCP - WASHROOM 208A
A401 A402 A403 A404 A405 A406 A407 A408 A409 A410 A411 A412 A413 A414 A415	DEMO & NEW ELEVATIONS - CLASSROOMS 104 & 105 DEMO & NEW ELEVATIONS - CLASSROOMS 109 & 110 DEMO & NEW ELEVATIONS - CLASSROOM 129 & STORAGE 125 DEMO & NEW ELEVATIONS - CLASSROOM 130 DEMO & NEW ELEVATIONS - STAFF RM. 132 & CONFERENCE 102 DEMO & NEW ELEVATIONS - P.A.L.S. ROOM 204 DEMO & NEW ELEVATIONS - CLASS. 206, STOR. 206A & UNIV.WR.204A DEMO & NEW ELEVATIONS - CLASSROOM 208 & WASHROOM 208A DEMO & NEW ELEVATIONS - CLASSROOMS 209 & 210 DEMO & NEW ELEVATIONS - CLASSROOMS 211 & 227 DEMO & NEW ELEVATIONS - CLASSROOM 228 & MEETING ROOM 230 DEMO & NEW ELEVATIONS - CLASSROOMS 232 & 233 DEMO & NEW ELEVATIONS - CLASSROOMS 235 & 236 DEMO & NEW ELEVATIONS - CLASSROOMS 237 & 238 DEMO 6 NEW ELEVATIONS - VEST. 101A & FOYER 101
A501 A502 A503 A504	MILLWORK PLANS & ELEVATIONS MILLWORK PLANS & ELEVATIONS MILLWORK PLANS & ELEVATIONS MILLWORK PLANS & ELEVATIONS
A511 A512	MILLWORK DETAILS GENERAL DETAILS

ACCESSORIES MOUNTING HEIGHTS

DOOR SCHEDULE & DOOR /SCREEN TYPES DOOR / SCREEN DETAILS

A513

A514

STRUCTURAL DRAWING LIST

\$100 \$101 \$102 \$103	GENERAL NOTES TYPICAL DETAILS TYPICAL DETAILS TYPICAL DETAILS
S200 S201	NEW FRAMING PLANS NEW FRAMING PLANS
MECHANI	CAL DRAWING LIST

M001 M002 M003	MECHANICAL DRAWING LIST AND KEY PLAN MECHANICAL LEGEND AND SCHEDULE PLUMBING SPECIFICATION
M101 M102 M103 M104 M105 M106 M107	MECHANICAL PLAN - CLASSROOM 104,105 AND CONFERENCE RM 10 MECHANICAL PLAN - CLASSROOM 109,110 AND STAFF RM 132 MECHANICAL PLAN - CLASSROOM 129 & 130 MECHANICAL PLAN - CLASSROOM 204, 206 & UNIV. WR, 204A MECHANICAL PLAN - CLASSROOM 208, 209 & WASHROOM 208A MECHANICAL PLAN - CLASSROOM 210 & 211 MECHANICAL PLAN - CLASSROOM 227 & 228
M108 M109 M110	MECHANICAL PLAN - CLASSROOM 227 & 228 MECHANICAL PLAN - CLASSROOM 232 & 233 MECHANICAL PLAN - CLASSROOM 235 & 236 MECHANICAL PLAN - CLASSROOM 237 & 238

ELECTRICAL DRAWING LIST

E001 E002 E003	KEY PLAN, LEGEND & DRAWING LIST - ELECTRICAL LEGEND, SCHEDULES & DETAILS - ELECTRICAL UNIVERSAL WASHROOM LAYOUT & DETAILS - ELECTRICAL
E101 E102 E103 E104	POWER & SYSTEMS LAYOUT - CLASSROOM 109 & 110 POWER & SYSTEMS LAYOUT - CLASSROOM 104 & 105 POWER & SYSTEMS LAYOUT - CLASSROOM 129 & 130 POWER & SYSTEMS LAYOUT - CONF. 102, STAFF 132 & STOR. 125
E201 E202 E203 E204 E205 E206	POWER & SYSTEMS LAYOUT - CLASSROOM 204, 206 & STOR. 206A POWER & SYSTEMS LAYOUT - CLASSROOM 208, 209 & WASHROOM 208 POWER & SYSTEMS LAYOUT - CLASSROOM 210 & 211 POWER & SYSTEMS LAYOUT - CLASSROOM 227 & 228 POWER & SYSTEMS LAYOUT - CLASSROOM 232, 233 & M. ROOM 230 POWER & SYSTEMS LAYOUT - CLASSROOM 235 & 236

POWER & SYSTEMS LAYOUT - CLASSROOM 237 & 238

ABREVIATION	IS LIST:							
ALUM AW AFF	- ALUMINUM - WINDOW AWNING FUNCTION - ABOVE FINISHED FLOOR	<u>G</u> GL GB GC	- GLAZED - GYPSUM BOARD - GENERAL CONTRACTOR	M MANUF MAX MECH	- MANUFACTURER - MAXIMUM - MECHANICAL	<u>S</u> SB SD SFT	- SMART BOARD - SOAP DISPENSER - SAFETY SHEET FLOORING	<u>Y</u>
B BSP BR	- BACK PAINTED SPANDREL PANEL - BACK REST	<u>H</u> HD HORIZ. HM	- HAND DRYER - HORIZONTAL - HOLLOW METAL	<u>N</u> NIC N/A NTS	- NOT IN CONTRACT - NOT APPLICABLE - NOT TO SCALE	SIM SPECS SS	- SIMILAR - SPECIFICATIONS - SOLID SURFACE	<u>z</u> -
C CB CLEAR ANOD. CL CP	- CHALK BOARD - CLEAR ANODIZED - CENTER LINE - CONTROL PANEL	<u>I</u> IAP INSUL INT	- INSULATED ALUMINUM PANEL - INSULATION - INTERIOR	<u>о</u> о.с о/н	- ON CENTRE - OVER HEAD	TB TLDSB TYP T.O	- TACK BOARD - TRILLIUM DISTRICT SCHOOL BOARD - TYPICAL - TOP OFF	
C/W CT D DIM	- COMPLETE WITH - CERAMIC TILE - DIMENSION	JT J	- JOINT	P PARG PT PCT	- PARGING - PAINT - PORCELAIN TILE	u U/s	- UNDER SIDE	
DO <u>E</u> EX	- DOOR OPERATOR ACTUATOR (SEE HARDWARE SCHEDULE) - EXISTING	<u>K</u>		PTD <u>Q</u> -	- PAPER TOWEL DISPENSER	VCT VERT V/B	- VINYL COMPOSITE TILE - VERTICAL - VAPOUR BARRIER	
EXT EXP	- EXTERIOR - EXPOSED	<u>L</u> LT	- LIGHT	RCP RB	- REFLECTED CEILING PLAN - RUBBER BASE	W WB WD	- WHITE BOARD - WOOD	
FE FEC FSG FRG	- FIRE EXTINGUISHER - FIRE EXTINGUISHER CABINET - FIXED SAFETY GLASS - FIRE RATED GLASS			REQ	- REQUIRED	WP W/ <u>X</u>	- WATERPROOFING - WITH	

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL SPECIFICATIONS. MECHANICAL, ELECTRICAL & STRUCTURAL DRAWINGS AND SPECIFICATIONS. REPORT ANY DISCREPANCIES OF CONFLICTS TO CONSULTANTS.
- CONTRACTOR TO ENSURE PROTECTION TO ALL EXISTING BUILDING SYSTEMS THAT ARE TO REMAIN DURING DEMOLITION, INCLUDING ALL MECHANICAL, ELECTRICAL ARE TO REMAIN DURING DEMOLITION, INCLUDING ALL MECHANICAL, ELECTRIC AND STRUCTURAL ITEMS NOT IDENTIFIED FOR DEMOLITION, CONTRACTOR IS RESPONSIBLE FOR REPAIRS/ REPLACEMENT ON ANY DAMAGE CAUSED BY CONTRACTORS AND/OR SUBCONTRACTORS.
- 3. PATCH & MAKE GOOD, ALL EXISTING AREAS OR NEW SURFACE AREAS DAMAGED OR AFFECTED BY THE WORK OF THIS CONTRACT.

 MAKE GOOD ALL TRADES (TYPICAL).

 (REFER TO SPECIFICATION SECTION 01 35 16 ALTERATION PROCEDURES, OF THE SPECIFICATIONS).
- 'PATCH & MAKE GOOD', INDICATES NEW WORK TO BE EQUAL OR BETTER QUALITY OF ADJACENT MATERIAL.
- WHERE REQUIREMENTS CALL FOR MATCHING EXISTING CONSTRUCTION, FINISHES, PRODUCTS, ETC., THE ARCHITECT'S DECISION WILL BE FINAL ON WHETHER THE MATCH IS ACCEPTABLE, IF THE MATCH IS NOT ACCEPTABLE, PROVIDE SAMPLES OF SUITABLE ALTERNATIVES FOR THE ARCHITECT'S SELECTION.
- CONTRACTOR IS RESPONSIBLE FOR CUTTING AND REPAIRING ASSEMBLIES WHERE AFFECTED BY WORK BOTH IN AREA OF THIS CONTRACT AND ADJACENT SPACES. ALSO REFER TO MECH. AND ELEC. DRAWINGS FOR EXTENT OF WORK.
- REMOVE ALL SCHEDULED ITEMS, PROTECT, PATCH AND MAKE GOOD ALL SURROUNDING SURFACES READY TO RECEIVE NEW CONSTRUCTION.
- . CONTRACTOR SHALL VERIFY THE EXTEND OF DEMOLITION AND REMOVALS ON SITE. DEMOLITION / ALTERATION WORK INDICATED ON DRAWNINGS SHOWS GENERAL INTENT OF EXISTING CONSTRUCTION TO BE REMOVED. READ IN CONJUNCTION WITH ALL ARCHITECTURAL DOCUMENTS, DRAWNINGS & SPECIFICATIONS PROVIDED.

- CONTRACTOR IS RESPONSIBLE FOR KEEPING WORKPLACE IN A NEAT AND ORDERLY FASHION AT THE END OF EACH DAY.
- 11. ALL EXISTING ITEMS RELATED TO LIFE AND FIRE SAFETY TO REMAIN IN OPERATION
- ALL ITEMS INDICATED FOR DEMOLITION TO BE REMOVED OFF-SITE, UNLESS NOTED OTHERWISE.
- 13. REPORT TO CONSULTANTS THE PRESENCE OF ANY SERVICES WHICH WILL INTERFERE WITH DEMOLITION OR ALTERATION WORK. 14. NO MILLWORK TO BE DEMOLISHED UNTIL NEW MILLWORK ARRIVES ON SITE.
- 15. IF MATERIALS ARE ENCOUNTERED THAT ARE SUSPECTED TO BE LEAD, PCB, ASBESTOS, CONTAIN ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND TAKE PRECAUTIONS AS REQUIRED TO AVOID DISTURBING MATERIALS UNTIL DIRECTED BY OWNER. REFER TO SPECIFICATION SECTION 00 31 19 EXISTING CONDITIONS AND PROVIDED ASBESTOS CONTAINING BUILDING MATERIALS RE-ASSESSMENT REPORTS.
- 16. NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM, GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE. THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.



24 Morgan Heights Drive, Huntsville, ON, P1H 1B7 T 705 789 8960 W www.lennoxarchitects.com



KEY PLAN

LENNOX ARCHITECTS LIMIT 24 Morgan Heights Drive, Huntsvill T705 789 8960		<u> </u>
Name of Project: J. Douglas Hodgson E.S. Door/Scre	en & Millwork Renovations	-
Location: 1020 Grass Lake Road, Halliburton,	ON, K0M 1S0	-

	Data Matr	Ontario Building Coorix, Part 11 – Renovation of		ng	Building Code Reference
11.1	Existing Building classification:	Describe Existing Use: Construction Index: Hazard Index: Importance Category:	NTARY SCHOOL		11.2.1 T 11.2.1.1A T 11.2.1.1B to N 4.2.1.(3) & 5.2.2.1.(2)
		□ Not Applicable (no change of	major occupancy)		
11.2	Alteration to Existing Building is:	Basic Renovation Extensive Renovation			11.3.3.1 11.3.3.2
11.3	Reduction in Performance Level:	Structural: By Increase in occupant load: By change of major occupancy: Plumbing: Sewage-system:	No No No No No No No No	☐ Yes	11.4.2 11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5
11.4	Compensating Construction:	Structural:	⊠ No	☐ Yes (explain)	11.4.3 11.4.3.2
		Increase in occupant load:	⋈ No	☐ Yes (explain)	11.4.3.3
		Change of major occupancy:	⊠ No	☐ Yes (explain)	11.4.3.4
		Plumbing:	⊠ No	☐ Yes (explain)	11.4.3.5
		Sewage system:	⊠ No	☐ Yes (explain)	11.4.3.6
11.5	Compliance Alternatives Proposed:	No Yes (give number[s])			11.5.1
ntario Bu	ilding Code Data Matrix, Part	11			 July 201

No. E	Date	Description
1 1	March.12/21	Issued for Permit / Tende
2 N	lov.15/21	Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



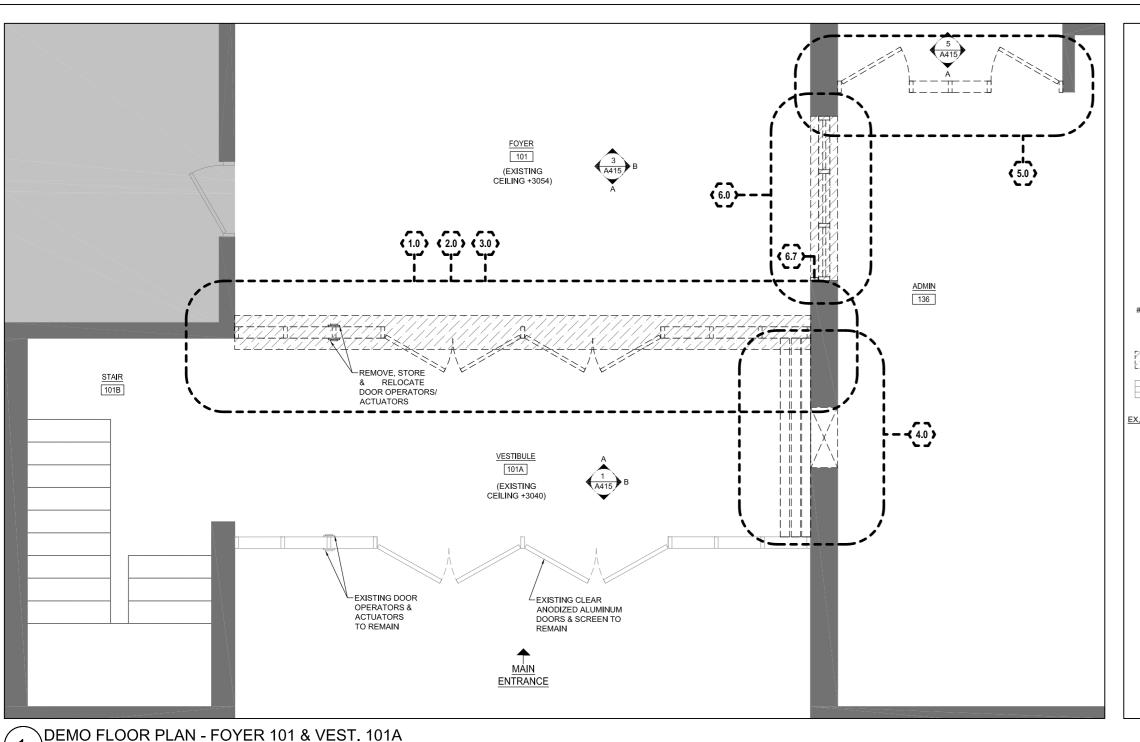
COVER SHEET, **GENERAL NOTES** & OBC MATRIX

PHASE: Permit / Tende	∍r
DRAWN BY: S. MARQUES	
REVIEWED BY: S. LENNOX	
DATE: July, 2020	
SCALE: As indicated	
LENNOX ARCHITECTS NO.: 2	0 002





SHEET NUMBER:



REPLACEMENT / DEMOLITION LEGEND:

(1.0)

DENOTES AREAS OF SCOPE OF WORK

GRAY LINE INDICATES EXISTING

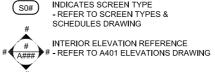
GRAY TONE INDICATES EXISTING AREAS

INDICATES EXISTING DOOR & FRAME

- INDICATES EXISTING DOOR AND/OR FRAME TO BE REPLACED
- REFER TO DOOR/ FRAME TYPES, DOOR SCHEDULE & SPECIFICATIONS

INDICATES DOOR NUMBER TO BE REPLACED

- REFER TO DOOR/SCREEN TYPES, DOOR SCHEDULE & SPECIFICATIONS. INDICATES SCREEN TYPE



HATCH INDICATES DEMOLITION & REPLACEMENT

AREA OF FLOOR FINISH HATCH INDICATES AREA OF NEW PCT FLOOR

MATERIALS)

WALL TYPE SCHEDULE

(#) INDICATES WALL TYPE

FINISH TO MATCH EXISTING.(SEE SPECIFICATIONS) EX.PCT_ PCT INDICATES TRANSITION BETWEEN FLOOR

FINISHES.
TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING VCT/PCT TILE JOINT. AT LOCATIONS WHERE NEW FINISH ABUTS
DIFFERENT FINISH (FOR EXAMPLE LOCATIONS WHERE PCT TRANSITIONS TO VCT), IT IS THE CONTRACTOR RESPONSIBILITY TO PROVIDE ADEQUATE THRESHOLD TO SUIT TRANSITION BETWEEN PROPOSED FINISHES (REFER TO ROOM FINISH SCHEDULE &

AREA OF WORK FOR VESTIBULE SCREEN REPLACEMENT

REPLACEMENT/ DEMOLITION NOTES:

- 1.1. CAREFULLY REMOVE AND DISCARD OF EXISTING DOORS, FRAMES & SCREENS AND ALL RELATED COMPONENTS.
- 1.2. REMOVE, PROTECT AND TURN OVER TO THE OWNER HARDWARE FROM REMOVED DOORS. COORDINATE WITH OWNER WHICH ITEMS THEY WANT RETURNED. REMAINING TO BE
- 1.3. PREPARE ALL EXISTING SURFACES AS REQUIRED TO RECEIVE NEW CONSTRUCTION, AS PER THESE DRAWINGS AND SPECIFICATIONS.
- 1.4. SITE VERIFY EXISTING OPENINGS AND COORDINATED AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION, ANY DISCREPANCIES FROM THESE DRAWINGS ARE TO BE COMMUNICATED TO
- 1.5. CONTRACTOR '360' TO DISCONNECT AND REINSTALL EXISTING POWER DOOR ACTUATORS IN NEW DOOR & SCREEN. REFER TO SPECIFICATIONS, DRAWINGS & HARDWARE SCHEDULE.
- 1.6. PATCH, MAKE GOOD & REPAINT, ALL EXISTING CEILING, SOFFIT AND WALL SURFACES,

(2.0)

AREA OF WORK FOR FLOOR PATCH WORK

- 2.1. CAREFULLY REMOVE AND DISPOSE OF EXISTING TILE DAMAGED BY REMOVAL OF EXISTING SCREEN. THE total AREA OF REMOVED TILE SHOULD BE AS DEEP AS EXTENT OF DAMAGE AND AS WIDE AS THE ENTIRE SCREEN & DOOR COMBINATION. (APPROXIMATELY 3 TILES DEEP BY ENTIRE WIDTH OF NEW SCREEN & DOOR COMBINATION)
- 2.2. PREPARE ALL EXISTING SUBFLOOR TO RECEIVE NEW TILE 150mm X 150mm TO MATCH



AREA OF WORK FOR NEW RATED GYP PARTITION 3.1. CAREFULLY REMOVE AND DISPOSE OF EXISTING GYPSUM ABOVE REMOVED SCREEN.

- 3.2. REMOVE AS REQUIRED EXISTING ACT CEILING TILE IN THE VESTIBULE AND LOBBY SIDES OF THE SCREEN TO ALLOW FOR PROPER DEMOLITION AND INSTALATION OF NEW BULKHEAD AS PER THESE DOCUMENTS.
- 3.3. PREPARE ALL SURFACES FOR NEW RATED BULKHEAD INSTALLATION TO U/S OF DECK AS PER



AREA OF WORK FOR NEW ADMIN. SCREEN

- 4.1. CAREFULLY REMOVE & STORE IN SAFE PLACE, EXISTING FIRE SAFETY CABINET, BOX, SIGNAGE AND BENCH. RE-INSTALL WHEN WORK COMPLETE.
- 4.2. SAW CUT EXISTING BLOCK WALL TO ACCOMMODATE INSTALLATION OF NEW SCREEN OPENING AS PER THESE DOCUMENTS.
- 4.3. INSTALL NEW LINTEL AS PER STRUCTURAL DRAWINGS
- 4.4. PATCH, MAKE GOOD & REPAINT ALL ADJACENT SURFACES TO REMAIN THAT HAVE BEEN DAMAGED OR AFFECTED BY THE WORK OF THIS CONTRACT.



AREA OF WORK FOR ADMIN. SCREEN REPLACEMENT

- 5.1. CAREFULLY REMOVE & DISCARD OF EXISTING DOORS, SCREENS AND ALL RELATED
- 5.2. REMOVE, PROTECT AND TURN OVER TO THE OWNER HARDWARE FROM REMOVED DOORS. COORDINATE WITH OWNER WHICH ITEMS THEY WANT RETURNED. REMAINING TO BE
- 5.3. PREPARE ALL EXISTING SURFACES AS REQUIRED TO RECEIVE NEW CONSTRUCTION, AS PER THESE DRAWINGS AND SPECIFICATIONS.
- 5.4. SITE VERIFY EXISTING OPENINGS AND COORDINATED AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. ANY DISCREPANCIES FROM THESE DRAWINGS ARE TO BE COMMUNICATED
- 5.5. PATCH, MAKE GOOD & REPAINT, ALL EXISTING CEILING, FLOOR AND WALL SURFACES,



AREA OF WORK FOR NEW DOORS INTO ADMIN.

- 6.1. CAREFULLY REMOVE & DISCARD OF EXISTING SCREEN AND ALL RELATED COMPONENTS.
- 6.2 REMOVE WALL BASE AND SAW CUT EXISTING BLOCK TO FINISHED FLOOR, TO ALLOW FOR
- 6.3. ELECTRICAL CONTRACTOR TO REMOVE & DISCARD OF EXISTING WALL RECEPTACLE.
- 6.4. PREPARE ALL EXISTING SURFACES AS REQUIRED TO RECEIVE NEW CONSTRUCTION, AS PER
- 6.5. SITE VERIFY EXISTING OPENINGS AND COORDINATED AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. ANY DISCREPANCIES FROM THESE DRAWINGS ARE TO BE COMMUNICATED
- 6.6. PATCH, MAKE GOOD & REPAINT, ALL EXISTING CEILING, WALL AND FLOOR SURFACES, DAMAGED OR AFFECTED BY THIS WORK.
- 6.7. 360 ADVANCED CONTRACTING TO BE HIRED BY CONTRACTOR, AS PART OF THIS CONTRACT, TO RELOCATE THE EXISTING SECURITY KEY PAD AS SHOWN ON THESE DRAWINGS.



SUSAN LENNOX

LICENCE

7748

KEY PLAN

REVISIONS No. Date 1 March 12/21 Issued for Permit / Tender Re-Issued for Tender 2 Nov.15/21

> J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO & NEW PLANS VEST. 101A & FOYER 101

PHASE: Permit / Tender DRAWN BY: S. MARQUES REVIEWED BY: S. LENNOX

July, 2020 As indicated SCALE:

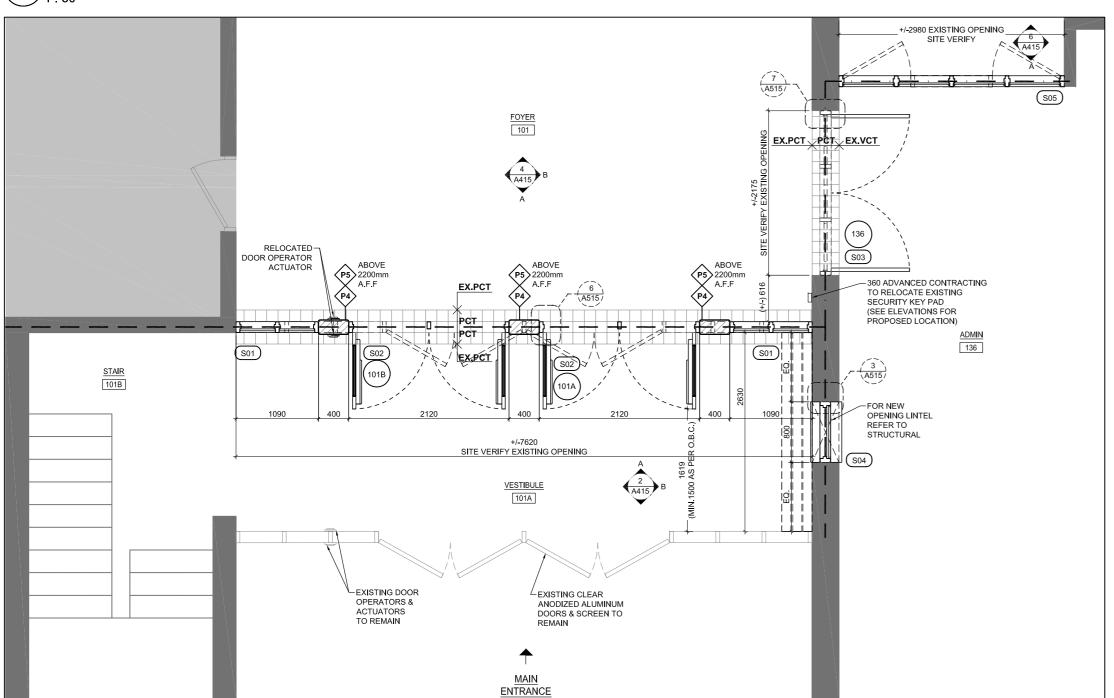
LENNOX ARCHITECTS NO.: 20 002

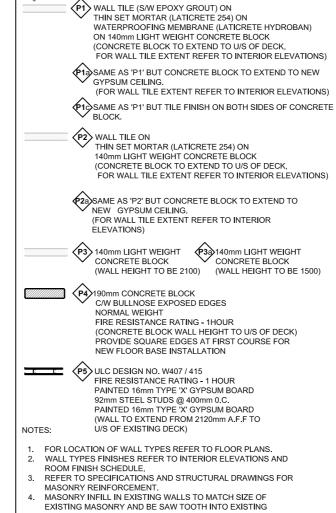
CONSTRUCTION NORTH

TRUE NORTH

SHEET NUMBER:

A301





COURSING. FIRE SEPARATION 45MIN. FIRE RATING 60MIN. FIRE RATING

1:50

\NEW FLOOR PLAN - FOYER 101 & VEST. 101A

0.1 LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK. PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION. ANY DAMAGE DONE TO EXISTING TILES MUST BE REPLACED WITH NEW TO MATCH EXISTING.

REPLACED WITH NEW TO MATCH EXISTING.

REMOVE AND DISPOSE OF EXISTING CEILING TILES, GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

1.0: WALLS

0.0: CEILINGS

1.1 PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE. CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY
PROTECTED WHEN PAINTING WALLS.
IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD
THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS
COMPLETE

1.3 REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS
AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL. WHEN WORK
COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING.

SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW

INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS.

OPENING. AS PER ARCHITECTURAL DRAWINGS

REMOVE & DISPOSE OF EXISTING WINDOW. SAW CUT WINDOW SILL & BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL DRAWNINGS

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE. REMOVE CLOSER, PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING.

SEE DOOR AND HARDWARE SCHEDULES. 2.0: FLOORS

REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND).

SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

2.2 REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM). PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

2.3 REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE. SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA

2.5 DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

2.6 SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL. REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS.

3.0: FITMENT

REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE.
ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL.

3.2 RESERVED

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS,BOOK SHELVES, FILING CABINETS,ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

3.4 REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED.

PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR

FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL.

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL.

CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.

(3.8) REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

4.1 ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

4.2 ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

 $\left<4.3\right>$ REMOVE & TURN OVER TO OWNER EXISTING EQUIPMENT.

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC). WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

75.1 REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH NEW AS PER MECHANICAL DRAWINGS.

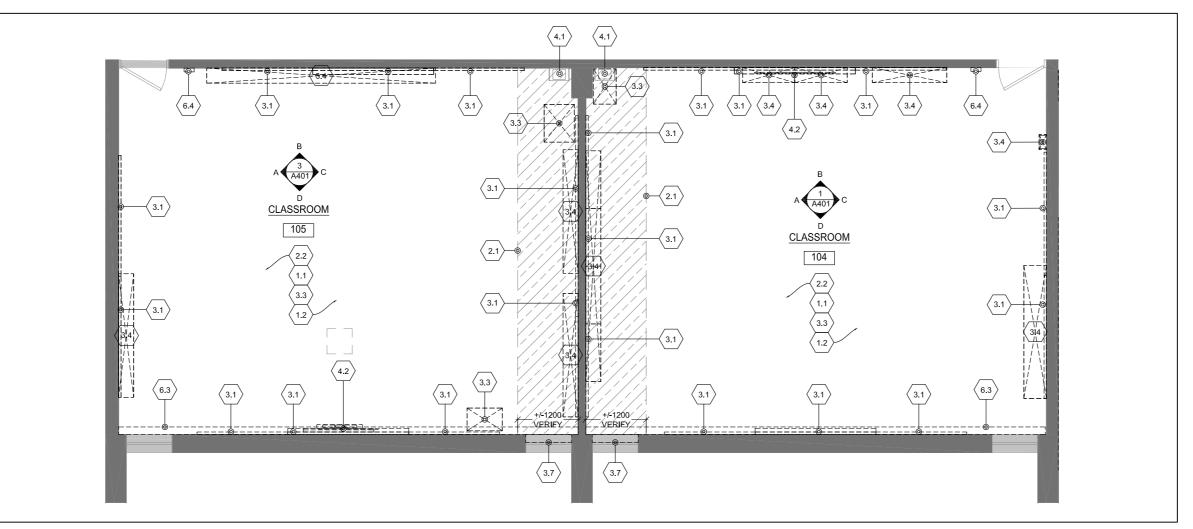
5.2 REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL DRAWINGS.

EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE, SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS. RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL DRAWINGS.

6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

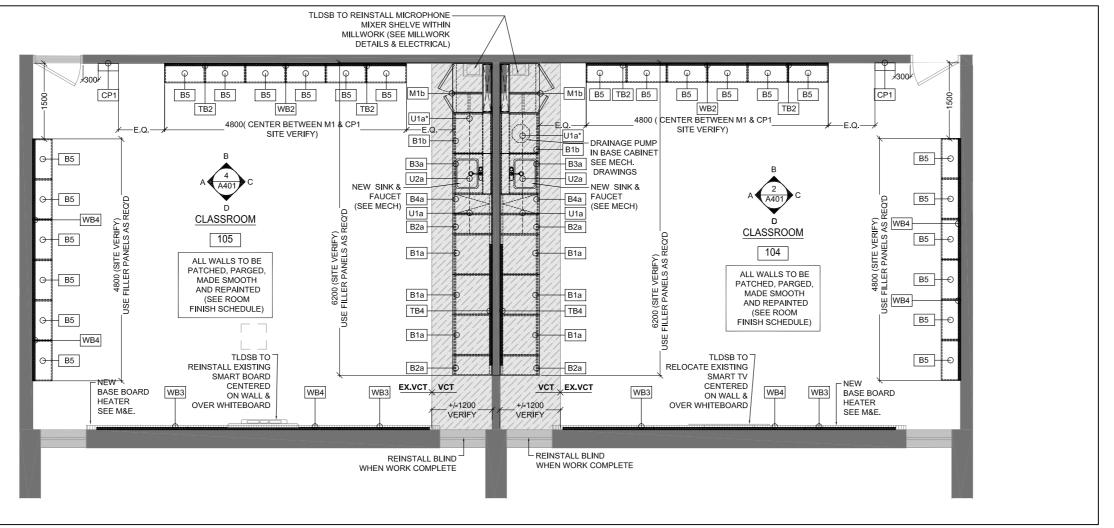
6.1 DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER LECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT BE ACCEPTED.

6.4 DISCONNECT, REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE ELECTRICAL DRAWINGS.

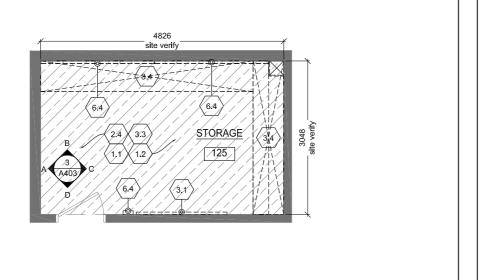


DEMO FLOOR PLAN - CLASSROOM 105 & 104

1 · 75



NEW FLOOR PLAN - CLASSROOM 105 & 104



4826 (SITE VERIFY)

DEMO FLOOR PLAN - STORAGE 125

4 NEW FLOOR PLAN - STORAGE 125

DEMOLITION PLAN LEGEND

1.1 REFERENCES DEMOLITION SCOPE OF WORK (REFER TO DEMOLITION PLAN NOTES)

DASHED LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO BE DEMOLISHED GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAIN

EXISTING WALL/PARTITION TO REMAIN

EXISTING DOOR AND FRAME TO REMAIN

GRAY TONE INDICATES EXISTING AREAS

HATCH INDICATES DEMOLITION & REPLACEMENT AREA OF FLOOR FINISH

GENERAL NOTES:

SITE VERIFICATION OF EXISTING TO BE DONE BY

CONTRACTOR.

2. NO MILLWORK TO BE DEMOLISHED UNTIL NEW MILLWORI ARRIVES ON SITE.

FLOOR PLAN LEGEND

GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAIN

EXISTING WALL/PARTITION TO REMAIN

GRAY TONE INDICATES EXISTING

EXISTING DOOR AND FRAME TO REMAIN

HATCH INDICATES AREA OF NEW FIELD FLOOR FINISH. (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

SHADING W/HATCH INDICATES AREA OF NEW ACCENT FLOOR FINISH.(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

M##

MILLWORK TYPE REFERENCE

(REFER TO MILLWORK PLANS & ELEVATIONS ON SHEETS A500'S)

EX.VCT. VCT
INDICATES TRANSITION BETWEEN FLOOR FINISHES.
TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING VCT TILE JOINT.
AT LOCATIONS WHERE TRANSITION OCCURS AT AN EXISTING THRESHOLD PLEASE REPLACE EXISTING WITH NEW TO SUIT

(REFER TO ROOM FINISH SCHEDULE & MATERIALS)

DOOR REFERENCE
(REFER TO DOOR SCHEDULE ON DWG A513 AND SPECIFICATIONS)



PROPOSED FINISHES.

NOTES:

DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS:
 SCHEDULE A: MATERIAL LIST SCHEDULE B: ROOM FINISH SCHEDULE SCHEDULE C: WASHROOM ACCESSORY SCHEDULE

 EXTENT OF NEW VCT TO BE, AT MINIMUM, 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON DRAWINGS.

3. ALL NEW VCT TO EXTEND UNDER MILLWORK. (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS.

5. ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE).

WALL TYPE SCHEDULE

INDICATES WALL TYPE

WALL TILE (S/W EPOXY GROUT) ON
THIN SET MORTAR (LATICRETE 254) ON
WATERPROOFING MEMBRANE (LATICRETE HYDROBAN)
ON 140mm LIGHT WEIGHT CONCRETE BLOCK
(CONCRETE BLOCK TO EXTEND TO U/S OF DECK,
FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

SAME AS 'P1' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING.

(FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

SAME AS 'P1' BUT TILE FINISH ON BOTH SIDES OF CONCRETE BLOCK.

P2 WALL TILE ON THIN SET MORTAR (LATICRETE 254) ON

THIN SET MORTAR (LATICRETE 254) ON
140mm LIGHT WEIGHT CONCRETE BLOCK
(CONCRETE BLOCK TO EXTEND TO U/S OF DECK,
FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

P2a)SAME AS 'P2' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING.

(FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

P3 140mm LIGHT WEIGHT CONCRETE BLOCK (WALL HEIGHT TO BE 1500)

P4 190mm CONCRETE BLOCK CW BULLNOSE EXPOSED EDGES

NORMAL WEIGHT
FIRE RESISTANCE RATING - 1HOUR
(CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK)
PROVIDE SQUARE EDGES AT FIRST COURSE FOR
NEW FLOOR BASE INSTALLATION

P5
ULC DESIGN NO. W407 / 415
FIRE RESISTANCE RATING - 1 HOUR

FIRE RESISTANCE RATING - 1 HOUR
PAINTED 16mm TYPE 'X' GYPSUM BOARD
92mm STEEL STUDS @ 400mm 0.C.
PAINTED 16mm TYPE 'X' GYPSUM BOARD
(WALL TO EXTEND FROM 2120mm A.F.F TO
IOTES: U/S OF EXISTING DECK)

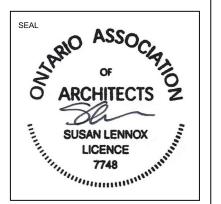
COURSING.

FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS. WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND

ROOM FINISH SCHEDULE.
3. REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.
4. MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING



24 Morgan Heights Drive, Huntsville, ON, P1H 1B7 T 705 789 8960 W www.lennoxarchitects.com



KEY PLAN

REVISIONS

No. Date Description

1 March.12/21 Issued for Permit / Tender

2 Nov.15/21 Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO & NEW PLANS CLASSROOM 104, 105

& STOR. 125

PHASE: Permit / Tender

DRAWN BY: S. MARQUES

REVIEWED BY: S. LENNOX

DATE: July, 2020

SCALE: As indicated

LENNOX ARCHITECTS NO.: 20 002

TRUE NORTH

NORTH

SHEET NUMBER:

LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK. PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION, ANY DAMAGE DONE TO EXISTING TILES MUST BE REPLACED WITH NEW TO MATCH EXISTING.

REMOVE AND DISPOSE OF EXISTING CEILING TILES. GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY PROTECTED WHEN PAINTING WALLS. IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS

REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL. WHEN WORK COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING.

SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW OPENING. AS PER ARCHITECTURAL DRAWINGS

INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS.

REMOVE & DISPOSE OF EXISTING WINDOW, SAW CUT WINDOW SILL & BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE, REMOVE CLOSER PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING. SEE DOOR AND HARDWARE SCHEDULES.

2.0: FLOORS

REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND). SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM) PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHÍTECTURAL DRAWINGS & SPECIFICATIONS

REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE. SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS. STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA

DOWN TO EXISTING SUBFLOOR, PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS &

SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL. REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS

3.0: FITMENTS

REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL.

RESERVED

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS, BOOK SHELVES, FILING CABINETS, ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL.

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES. SHELVES AND COAT HOOKS, PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL. CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED.

RESERVED

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.

REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC). WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH NEW AS PER MECHANICAL DRAWINGS.

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL

EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE, SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS. RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL DRAWINGS.

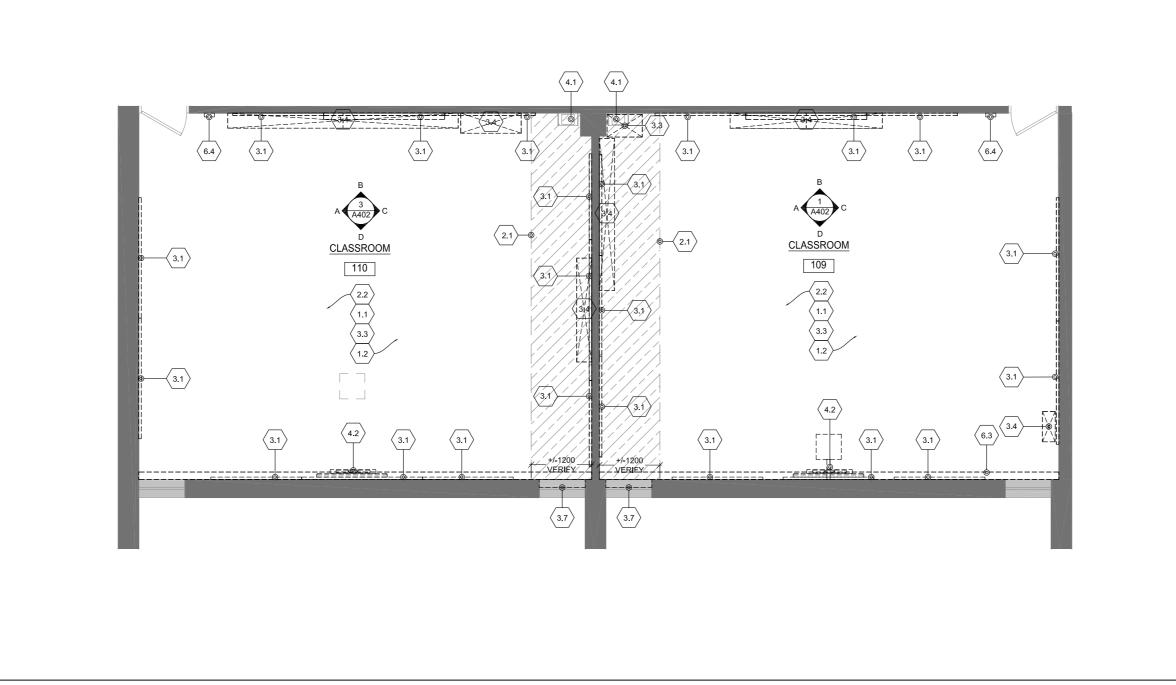
6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS, SURFACE MOUNTED CONDUIT WILL NOT

REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS PER ELECTRICAL DRAWINGS

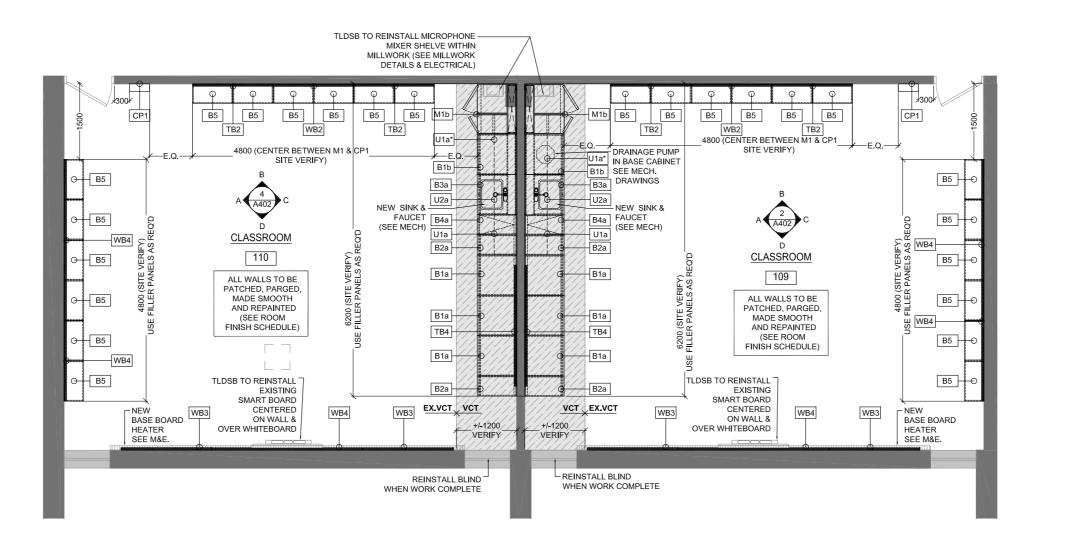
EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS.

DISCONNECT. REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE ELECTRICAL DRAWINGS.

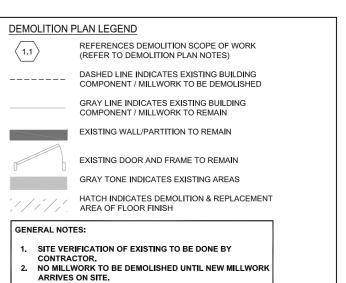


\DEMO FLOOR PLAN - CLASSROOM 110 & 109

NEW FLOOR PLAN - CLASSROOM 110 & 109



GENERAL NOTES: CONTRACTOR. ARRIVES ON SITE. FLOOR PLAN LEGEND GRAY LINE INDICATES EXISTING BUILDING EXISTING WALL/PARTITION TO REMAIN EXISTING DOOR AND FRAME TO REMAIN GRAY TONE INDICATES EXISTING HATCH INDICATES AREA OF NEW <u>FIELD</u> FLOOR FINISH (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE) SHADING W/HATCH INDICATES AREA OF NEW <u>ACCENT</u> FLOOR FINISH.(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE) M# — MILLWORK TYPE REFERENCE (REFER TO MILLWORK PLANS & ELEVATIONS ON SHEETS A500'S) EX.VCT_ VCT INDICATES TRANSITION BETWEEN FLOOR FINISHES. TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING AT LOCATIONS WHERE TRANSITION OCCURS AT AN EXISTING THRESHOLD PLEASE REPLACE EXISTING WITH NEW TO SUIT PROPOSED FINISHES. (REFER TO ROOM FINISH SCHEDULE & MATERIALS) DOOR REFERENCE (REFER TO DOOR SCHEDULE ON DWG A513 AND SPECIFICATIONS REFERENCE TO INTERIOR ELEVATIONS (SEE INTERIOR ELEVATION DRAWINGS ON A400'S) NOTES: 1. DRAWINGS TO BE READ IN CONJUNCTION WITH SCHEDULE A: MATERIAL LIST SCHEDULE B: ROOM FINISH SCHEDULE SCHEDULE C: WASHROOM ACCESSORY SCHEDULE 2. EXTENT OF NEW VCT TO BE, AT MINIMUM, 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON 3. ALL NEW VCT TO EXTEND UNDER MILLWORK (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE) RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS. ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE). WALL TYPE SCHEDULE # INDICATES WALL TYPE P1 WALL TILE (S/W EPOXY GROUT) ON THIN SET MORTAR (LATICRETE 254) ON ON 140mm LIGHT WEIGHT CONCRETE BLOCK (CONCRETE BLOCK TO EXTEND TO U/S OF DECK, FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS) P1a SAME AS 'P1' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING. (FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS) SAME AS 'P1' BUT TILE FINISH ON BOTH SIDES OF CONCRETE





TENNOX

REVISIONS lo. Date

1 March 12/21 Issued for Permit / Tender Re-Issued for Tender

> J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO & NEW PLANS CLASSROOM

PHASE Permit / Tender P23)SAME AS 'P2' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING.

(FOR WALL TILE EXTENT REFER TO INTERIOR DRAWN BY:

140mm LIGHT WEIGHT CONCRETE BLOCK CONCRETE BLOCK (WALL HEIGHT TO BE 2100) (WALL HEIGHT TO BE 1500) P4 190mm CONCRETE BLOCK C/W BULLNOSE EXPOSED EDGES

(CONCRETE BLOCK TO EXTEND TO U/S OF DECK, FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

(CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK) PROVIDE SQUARE EDGES AT FIRST COURSE FOR NEW FLOOR BASE INSTALLATION P5 ULC DESIGN NO. W407 / 415 FIRE RESISTANCE RATING - 1 HOUR PAINTED 16mm TYPE 'X' GYPSUM BOARD 92mm STEEL STUDS @ 400mm 0.C.

FIRE RESISTANCE RATING - 1HOUR

WALL TILE ON
THIN SET MORTAR (LATICRETE 254) ON
THIN SET MORTAR (LATICRETE BLOC

140mm LIGHT WEIGHT CONCRETE BLOCK

PAINTED 16mm TYPE 'X' GYPSLIM BOARD (WALL TO EXTEND FROM 2120mm A.F.F TO NOTES: U/S OF EXISTING DECK)

NORMAL WEIGHT

1. FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS. WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE.

REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.

4. MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF

EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING

109 & 110

S. MARQUES REVIEWED BY: S. LENNOX

July, 2020 As indicated SCALE:

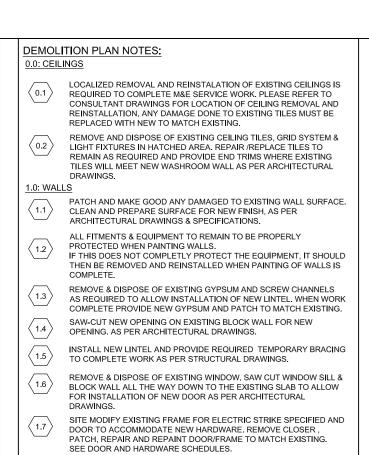
LENNOX ARCHITECTS NO.: 20 002

TRUE NORTH

SHEET NUMBER:

A303

SHEET SIZE: A2 (16.5" X 23.4") (420mm X 594mm)



REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA

ARCHÍTECTURAL DRAWINGS & SPECIFICATIONS.

ARCHITECTURAL & STRUCTURAL DRAWINGS.

UPON CONSTRUCTION WORK COMPLETE.

FILLED PRIOR TO REFINISH WALL

UNLESS OTHERWISE NOTED.

TO THEM OR DISPOSED

AND NUMBERED BY ROOM.

SCHOOL BOARD.

RESERVED

4.0: EQUIPMENT

OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &

SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE, SAND, GRIND AND PREPARE EXISTING

SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS &

SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL REFER TO

REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF

ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE

COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS, BOOK SHELVES,

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER

PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL.

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE

GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY

CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALI WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC

REMOVE. PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL

ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC), WHEN WORK

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY

EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE,

RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL

SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS.

DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT

PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT

REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS

EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS.

REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL

COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

NEW AS PER MECHANICAL DRAWINGS.

6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

PER ELECTRICAL DRAWINGS.

ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

REMOVED. STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

BECOME APPARENT AFTER MILLWORK REMOVAL.

DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

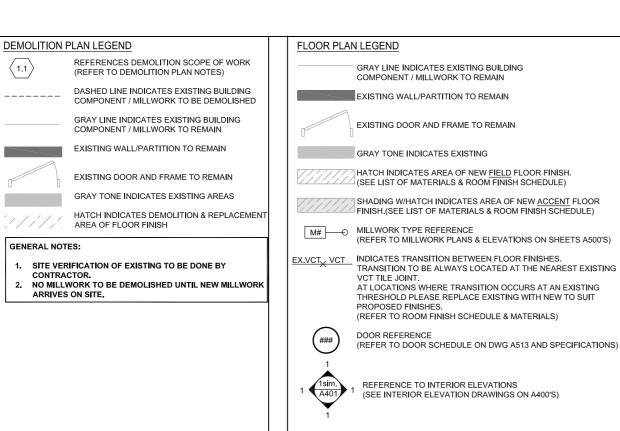
2.0: FLOORS

 $\langle 2.5 \rangle$

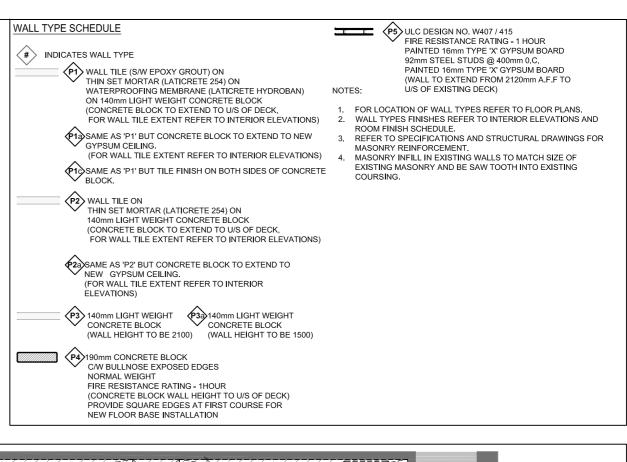
3.0: FITMENTS

(REFER TO LEGEND).

SPECIFICATIONS



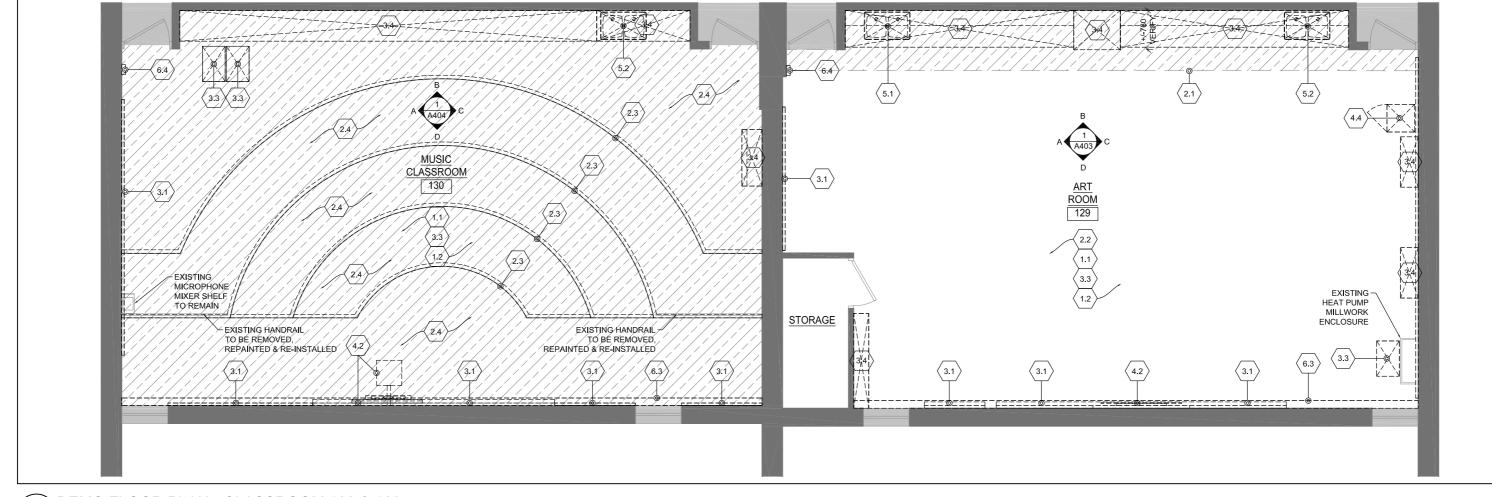
NOTES: 1. DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS: SCHEDULE A: MATERIAL LIST SCHEDULE B: ROOM FINISH SCHEDULE
SCHEDULE C: WASHROOM ACCESSORY SCHEDULE 2. EXTENT OF NEW VCT TO BE, AT MINIMUM, 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON 3. ALL NEW VCT TO EXTEND UNDER MILLWORK (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE) 4. RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS. 5. ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE)



24 Morgan Heights Drive, Huntsville, ON, P1H 1B7 T 705 789 8960 W www.lennoxarchitects.com



KEY PLAN



REVISIONS No. Date 1 March 12/21 Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON

CLIENT rillium Lakelands

DEMO & NEW PLANS CLASSROOM 129 & MUSIC 130

PHASE: Permit / Tender S. MARQUES DRAWN BY: REVIEWED BY: S. LENNOX

July, 2020

As indicated SCALE:

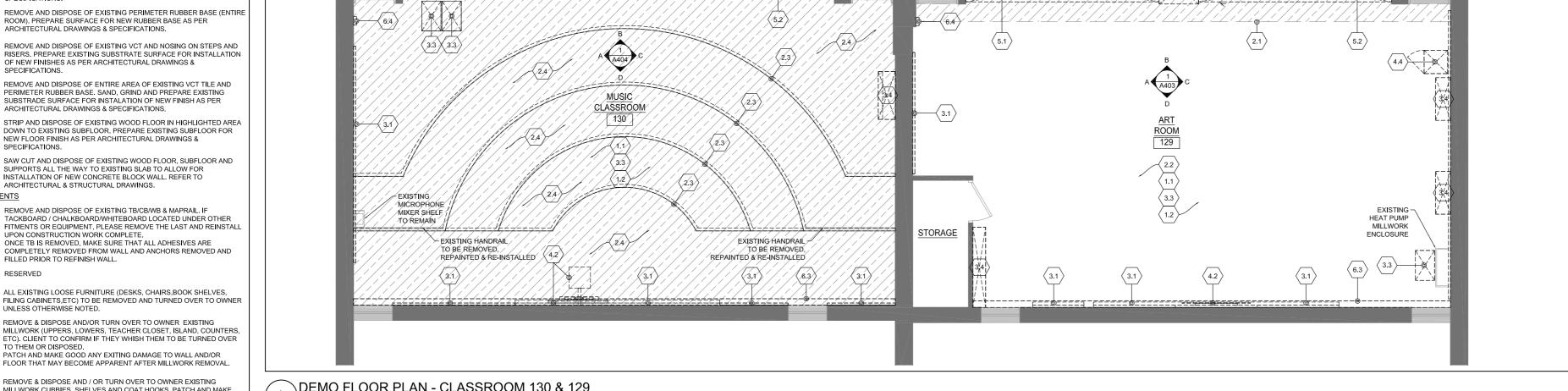
LENNOX ARCHITECTS NO.: 20 002

CONSTRUCTION NORTH

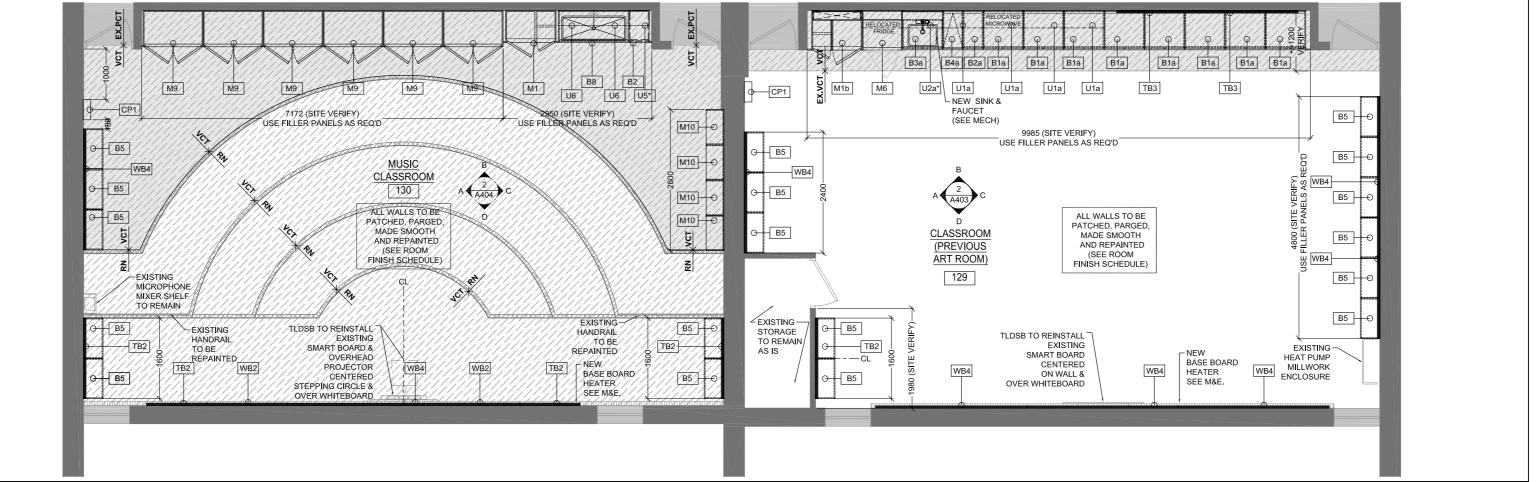
TRUE NORTH

SHEET NUMBER:

A304



DEMO FLOOR PLAN - CLASSROOM 130 & 129

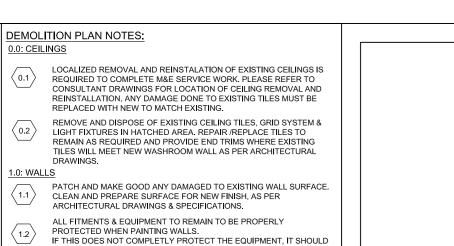


DISCONNECT, REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE NEW FLOOR PLAN - CLASSROOM 130 & 129

1:75

SHEET SIZE: A2 (16.5" X 23.4") (420mm X 594mm)

ELECTRICAL DRAWINGS.



IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS

REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL. WHEN WORK COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING. SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW

OPENING. AS PER ARCHITECTURAL DRAWINGS INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS.

REMOVE & DISPOSE OF EXISTING WINDOW. SAW CUT WINDOW SILL & BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE, REMOVE CLOSER, PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING. SEE DOOR AND HARDWARE SCHEDULES.

2.0: FLOORS

REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND). SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM), PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE, SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA $\langle 2.5 \rangle$ DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS

SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS.

3.0: FITMENTS

REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE. ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS, BOOK SHELVES, FILING CABINETS,ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL.

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL. CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO

RESERVED

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.

REMOVE. PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC), WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH NEW AS PER MECHANICAL DRAWINGS.

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL

EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE, SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS. RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL

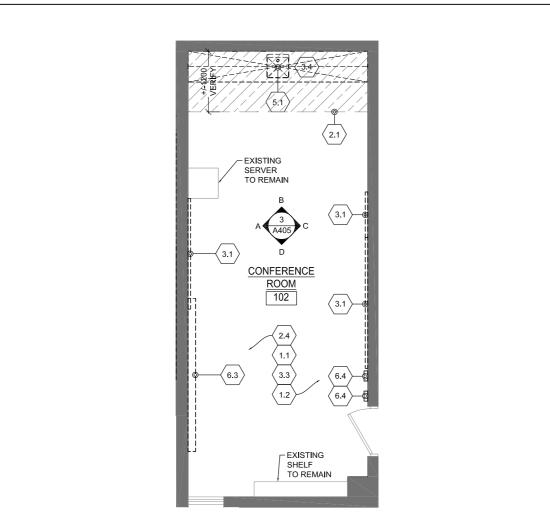
6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT

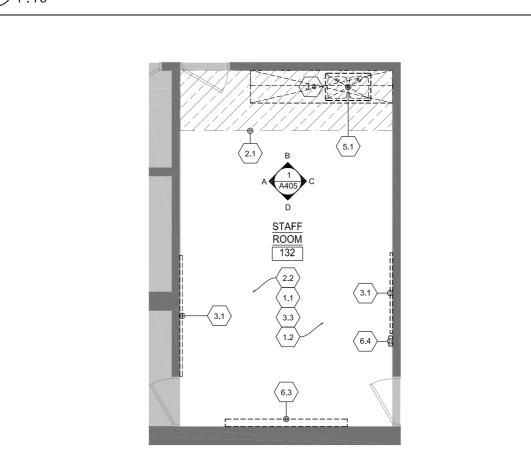
REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS PER ELECTRICAL DRAWINGS.

EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS.

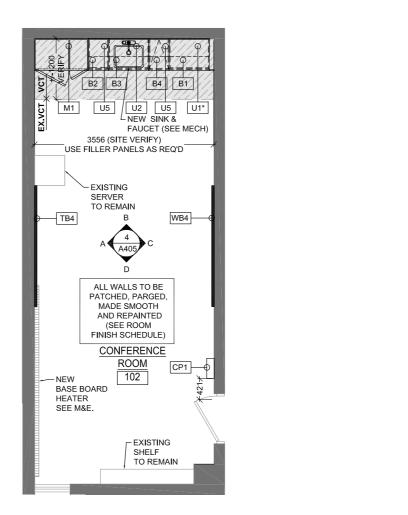
DISCONNECT, REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE ELECTRICAL DRAWINGS.



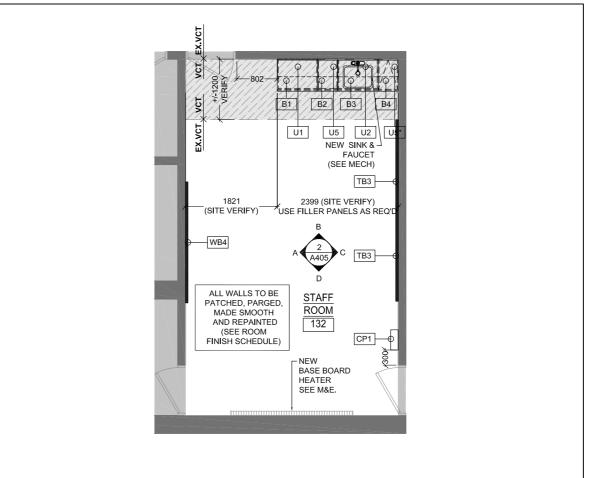
DEMO FLOOR PLAN - CONFERENCE ROOM 102



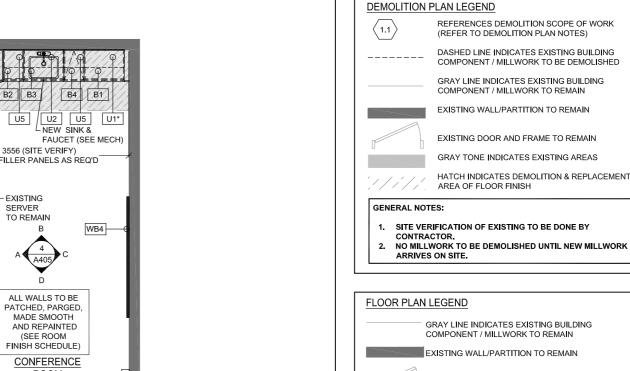
DEMO FLOOR PLAN - STAFF ROOM 132

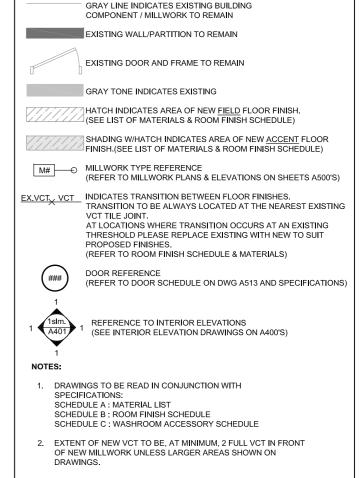


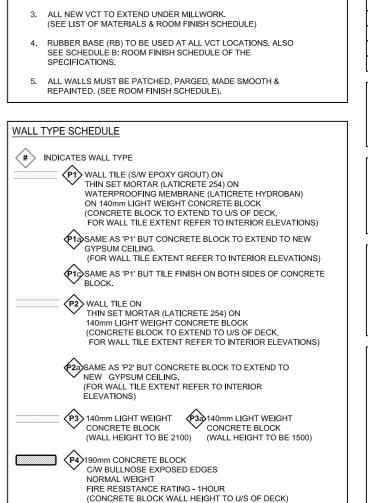
NEW FLOOR PLAN - CONFERENCE ROOM 102



NEW FLOOR PLAN - STAFF ROOM 132







PROVIDE SQUARE EDGES AT FIRST COURSE FOR

NEW FLOOR BASE INSTALLATION

92mm STEEL STUDS @ 400mm 0.C. PAINTED 16mm TYPE 'X' GYPSUM BOARD

2. WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND

4. MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING

REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR

(WALL TO EXTEND FROM 2120mm A.F.F TO

P5 ULC DESIGN NO. W407 / 415
FIRE RESISTANCE RATING - 1 HOUR
PAINTED 16mm TYPE 'X' GYPSUM BOARD

U/S OF EXISTING DECK) FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS.

ROOM FINISH SCHEDULE

COURSING.

MASONRY REINFORCEMENT





KEY PLAN

REVISIONS No. Date 1 March.12/21 Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

> J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO & NEW PLANS CONF.ROOM 102 & STAFF ROOM 132

PHASE: Permit / Tender S. MARQUES DRAWN BY: REVIEWED BY: S. LENNOX July, 2020

As indicated SCALE:

LENNOX ARCHITECTS NO.: 20 002 CONSTRUCTION NORTH

TRUE NORTH

SHEET NUMBER:

A305

SHEET SIZE: A2 (16.5" X 23.4") (420mm X 594mm)

DEMOLITION PLAN NOTES: 0.0: CEILINGS

- LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK, PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION. ANY DAMAGE DONE TO EXISTING TILES MUST BE REPLACED WITH NEW TO MATCH EXISTING.
- REMOVE AND DISPOSE OF EXISTING CEILING TILES, GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

1.0: WALLS

- PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE. CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.
- ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY PROTECTED WHEN PAINTING WALLS.

 IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS
- REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS. AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL. WHEN WORK COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING.
- SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW OPENING. AS PER ARCHITECTURAL DRAWINGS
- TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS. REMOVE & DISPOSE OF EXISTING WINDOW SAW CUT WINDOW SILL &

INSTALL NEW LINTEL AND PROVIDE REQUIRED. TEMPORARY BRACING

 $\langle 1.6 \rangle$ BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND

DOOR TO ACCOMMODATE NEW HARDWARE. REMOVE CLOSER, PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING. SEE DOOR AND HARDWARE SCHEDULES. 2.0: FLOORS

- REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND).
 SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR
- INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM). PREPARE SURFACE FOR NEW RUBBER BASE AS PER
- ARCHITECTURAL DRAWINGS & SPECIFICATIONS REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &
- SPECIFICATIONS. REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE. SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER
- ARCHITECTURAL DRAWINGS & SPECIFICATIONS STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS &
- SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL. REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS.

3.0: FITMENTS

- REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE.
 ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL.
- RESERVED
- ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS,BOOK SHELVES, FILING CABINETS,ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.
- REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS, ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR

FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL

- REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL. CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO
- RESERVED

THEM OR DISPOSED.

- REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.
- REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

- ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT
- ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.
- REMOVE & TURN OV
- CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC). WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

- REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH NEW AS PER MECHANICAL DRAWINGS.
- REMOVE & DISPOSE OF EXISTING SINK AND FAUCET, COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL DRAWINGS.
- EXISTING RADIATOR COVER TO BE REMOVED TAKEN FROM SITE SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL

6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

- DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT
- BE ACCEPTED. REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS
- EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND (6.3) REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS
- DISCONNECT, REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE

DEMOLITION PLAN LEGEND

REFERENCES DEMOLITION SCOPE OF WORK (REFER TO DEMOLITION PLAN NOTES) DASHED LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO BE DEMOLISHED GRAY LINE INDICATES EXISTING BUILDING EXISTING WALL/PARTITION TO REMAIN

> EXISTING DOOR AND FRAME TO REMAIN GRAY TONE INDICATES EXISTING AREAS

HATCH INDICATES DEMOLITION & REPLACEMENT AREA OF FLOOR FINISH

GENERAL NOTES:

- SITE VERIFICATION OF EXISTING TO BE DONE BY
- CONTRACTOR. NO MILLWORK TO BE DEMOLISHED UNTIL NEW MILLWORK ARRIVES ON SITE.

FLOOR PLAN LEGEND GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAIN EXISTING WALL/PARTITION TO REMAIN

EXISTING DOOR AND FRAME TO REMAIN

HATCH INDICATES AREA OF NEW FIELD FLOOR FINISH.

SHADING W/HATCH INDICATES AREA OF NEW ACCENT FLOOR

REFER TO MILLWORK PLANS & ELEVATIONS ON SHEETS A500'S)

AT LOCATIONS WHERE TRANSITION OCCURS AT AN EXISTING

(REFER TO DOOR SCHEDULE ON DWG A513 AND SPECIFICATIONS)

THRESHOLD PLEASE REPLACE EXISTING WITH NEW TO SUIT

PROPOSED FINISHES.
(REFER TO ROOM FINISH SCHEDULE & MATERIALS)

(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

GRAY TONE INDICATES EXISTING

MILLWORK TYPE REFERENCE

VCT TILE JOINT

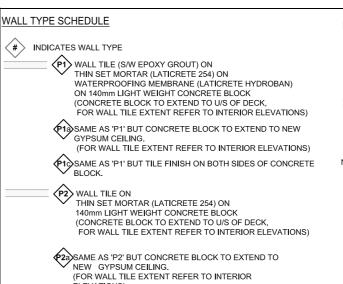
DOOR REFERENCE

EX.VCT_ VCT

- DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS: SCHEDULE A : MATERIAL LIST
- OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON
- 3. ALL NEW VCT TO EXTEND UNDER MILLWORK. (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)
- RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO
- ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH &

REFERENCE TO INTERIOR ELEVATIONS (SEE INTERIOR ELEVATION DRAWINGS ON A400'S)

- SCHEDULE B: ROOM FINISH SCHEDULE
 SCHEDULE C: WASHROOM ACCESSORY SCHEDULE
- 2. EXTENT OF NEW VCT TO BE. AT MINIMUM. 2 FULL VCT IN FRONT
- SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS. INDICATES TRANSITION BETWEEN FLOOR FINISHES.
 TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING
 - REPAINTED. (SEE ROOM FINISH SCHEDULE).



P3 140mm LIGHT WEIGHT CONCRETE BLOCK CONCRETE BLOCK

(WALL HEIGHT TO BE 2100) (WALL HEIGHT TO BE 1500)

P4 190mm CONCRETE BLOCK C/W BULLNOSE EXPOSED EDGES NORMAL WEIGHT FIRE RESISTANCE RATING - 1HOUR
(CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK) PROVIDE SQUARE EDGES AT FIRST COURSE FOR NEW FLOOR BASE INSTALLATION P5 ULC DESIGN NO. W407 / 415 FIRE RESISTANCE RATING - 1 HOUR PAINTED 16mm TYPE 'X' GYPSUM BOARD 92mm STEEL STUDS @ 400mm 0.C. PAINTED 16mm TYPE 'X' GYPSUM BOARD (WALL TO EXTEND FROM 2120mm A.F.F TO U/S OF EXISTING DECK) FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS. WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE.

- 3. REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR
- MASONRY REINFORCEMENT. MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING COURSING.



ARCHITECT

24 Morgan Heights Drive, Huntsville, ON, P1H 1B7

KEY PLAN

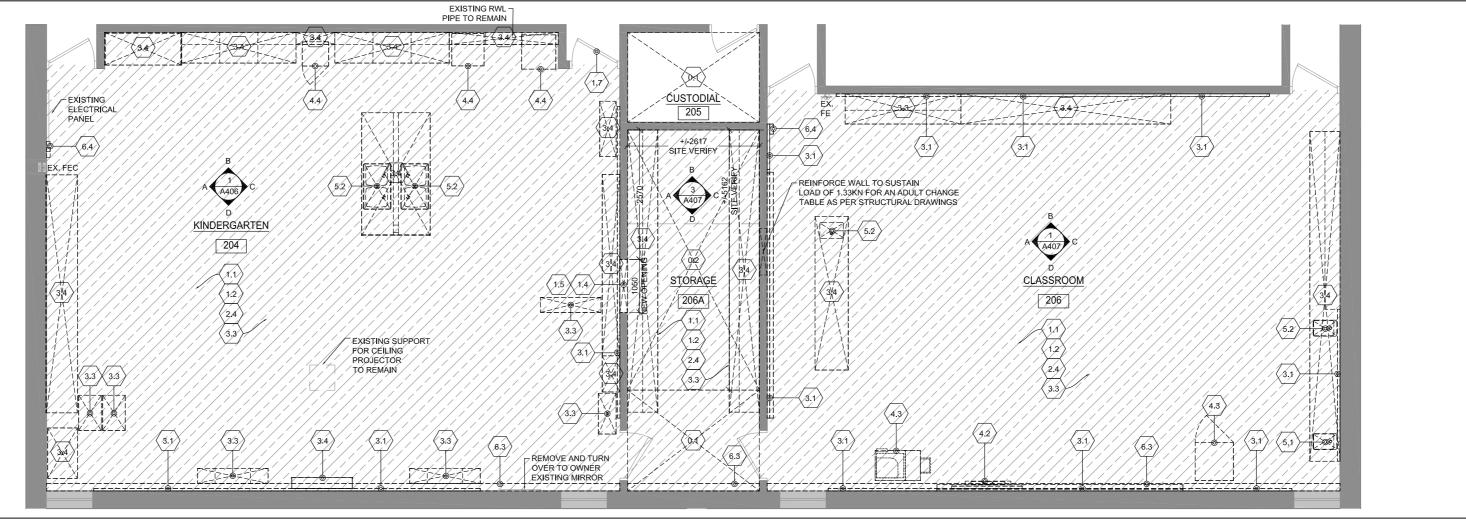
REVISIONS

No. Date

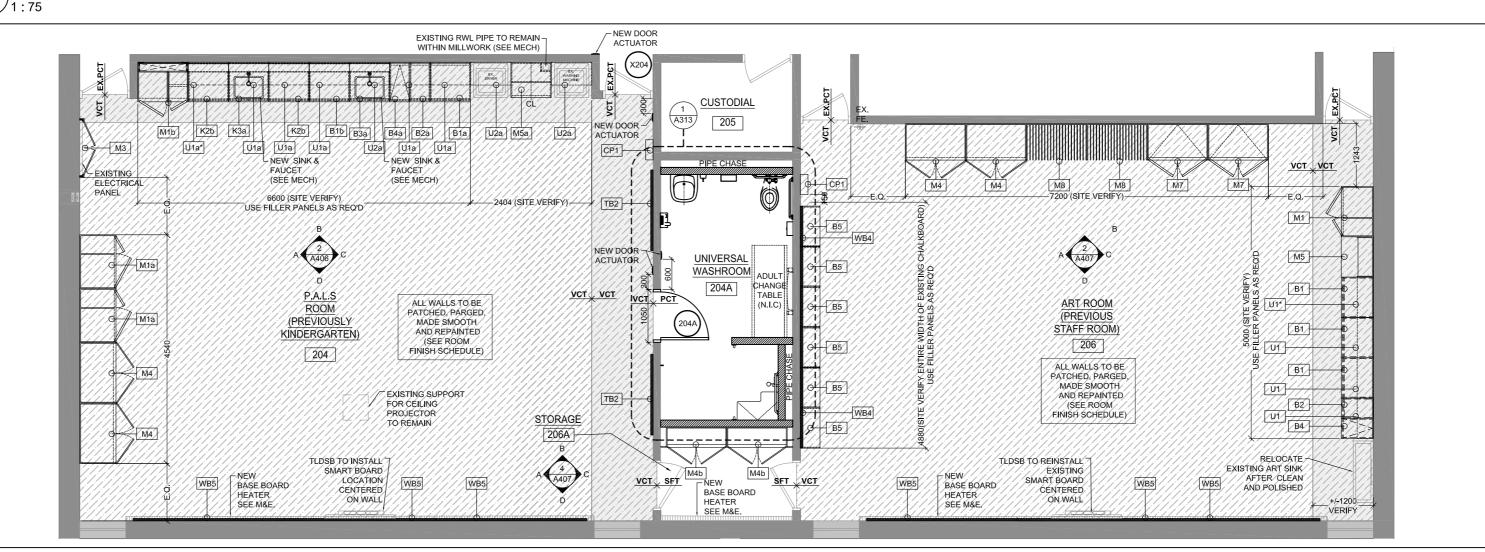
2 Nov.15/21

Issued for Permit / Tende

Re-Issued for Tender



DEMO FLOOR PLAN - CLASSROOM 204, 206 & STORAGE 206A



\NEW FLOOR PLAN - CLASSROOM 204, 206 & STORAGE 206A

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO & NEW PLANS CLASSROOM 204, 206 & STORAGE 206A

PHASE: Permit / Tender S. MARQUES DRAWN BY: REVIEWED BY: S. LENNOX

July, 2020 As indicated SCALE:

LENNOX ARCHITECTS NO.: 20 002

CONSTRUCTION NORTH



TRUE NORTH

SHEET NUMBER:

- LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK, PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION. ANY DAMAGE DONE TO EXISTING TILES MUST BE REPLACED WITH NEW TO MATCH EXISTING.
- REMOVE AND DISPOSE OF EXISTING CEILING TILES, GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

- PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE. CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.
- ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY PROTECTED WHEN PAINTING WALLS. IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS
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- SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW OPENING. AS PER ARCHITECTURAL DRAWINGS
- INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS.
- REMOVE & DISPOSE OF EXISTING WINDOW. SAW CUT WINDOW SILL & BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL
- SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE. REMOVE CLOSER PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING. SEE DOOR AND HARDWARE SCHEDULES.

- REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND). SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.
- REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM). PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS
- REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &
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- STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.
- SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS

- REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE. ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL
- ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS, BOOK SHELVES. FILING CABINETS, ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.
- REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR

FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL.

- REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL. CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO
- RESERVED
- REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.
- REMOVE. PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

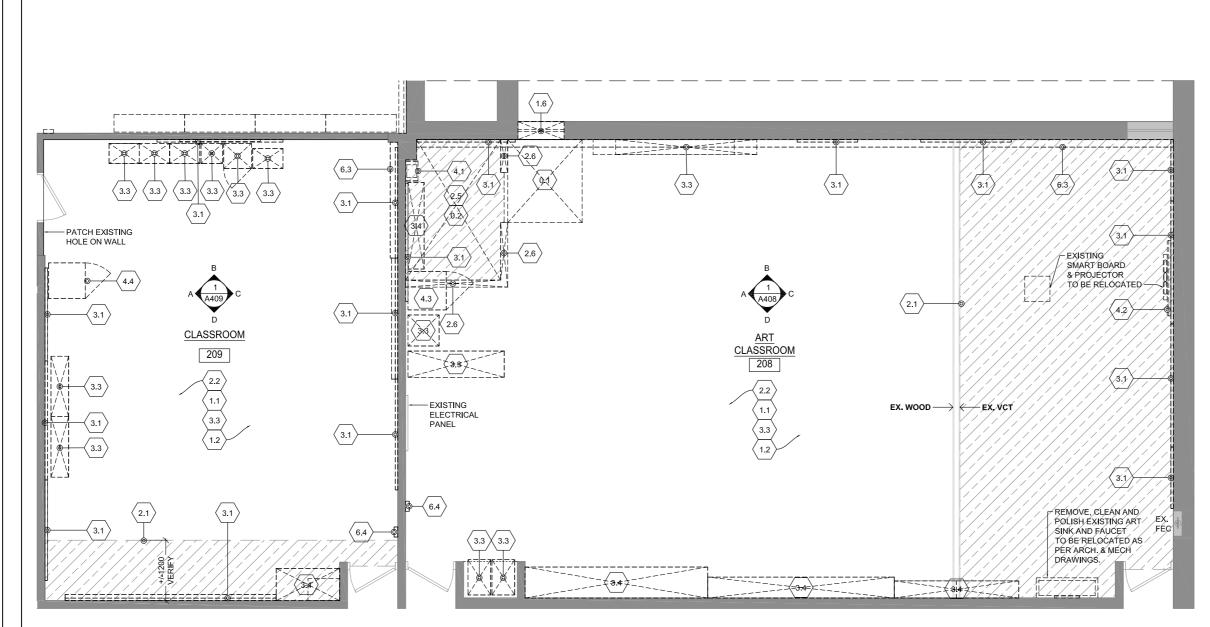
- ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED. STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.
- ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.
- CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC), WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

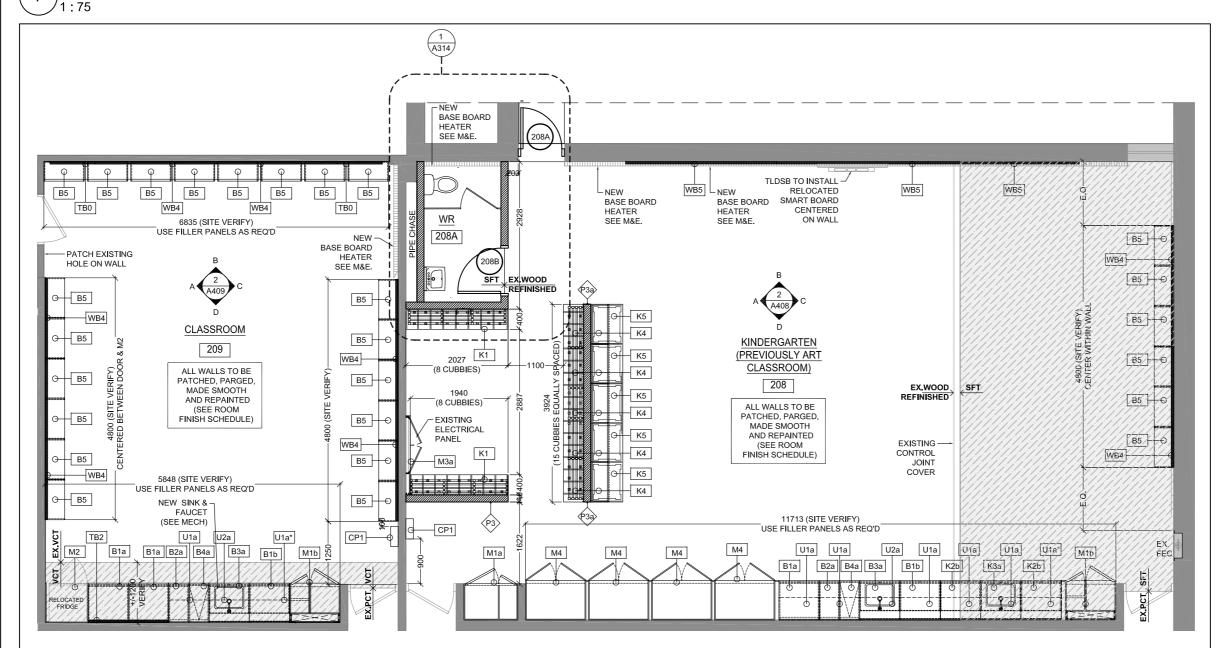
- REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH NEW AS PER MECHANICAL DRAWINGS.
- REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL
- EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE, SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL

6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

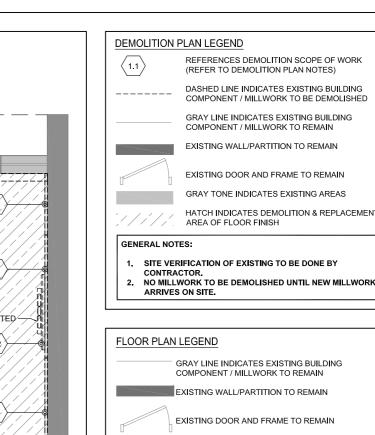
- DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT
- REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS PER ELECTRICAL DRAWINGS.
- EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND (6.3) REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS
- DISCONNECT, REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE FLECTRICAL DRAWINGS



\DEMO FLOOR PLAN - CLASSROOM 209 & 208



NEW FLOOR PLAN - CLASSROOM 209 & 208



REFERENCES DEMOLITION SCOPE OF WORK DASHED LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO BE DEMOLISHED GRAY LINE INDICATES EXISTING BUILDING EXISTING DOOR AND FRAME TO REMAIN GRAY TONE INDICATES EXISTING AREAS HATCH INDICATES DEMOLITION & REPLACEMENT

24 Morgan Heights Drive, Huntsville, ON, P1H 1B7 T 705 789 8960 W www.lennoxarchitects.com

ASSO_{CLA} **ARCHITECTS** SUSAN LENNOX LICENCE 7748

KEY PLAN

REVISIONS No. Date Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

NOTES:

1sim. A401

GRAY TONE INDICATES EXISTING

VCT TILE JOINT.

DOOR REFERENCE

HATCH INDICATES AREA OF NEW FIELD FLOOR FINISH

(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

M## —— MILLWORK TYPE REFERENCE (REFER TO MILLWORK PLANS & ELEVATIONS ON SHEETS A500'S)

(REFER TO ROOM FINISH SCHEDULE & MATERIALS

(SEE INTERIOR ELEVATION DRAWINGS ON A400'S)

REFERENCE TO INTERIOR ELEVATIONS

EX.VCT_VCT INDICATES TRANSITION BETWEEN FLOOR FINISHES.

SHADING W/HATCH INDICATES AREA OF NEW ACCENT FLOOR

FINISH.(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING

(REFER TO DOOR SCHEDULE ON DWG A513 AND SPECIFICATIONS)

AT LOCATIONS WHERE TRANSITION OCCURS AT AN EXISTING

THRESHOLD PLEASE REPLACE EXISTING WITH NEW TO SUIT

DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS: SCHEDULE A : MATERIAL LIST SCHEDULE B: ROOM FINISH SCHEDULE SCHEDULE C: WASHROOM ACCESSORY SCHEDULE

EXTENT OF NEW VCT TO BE, AT MINIMUM, 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON

3. ALL NEW VCT TO EXTEND UNDER MILLWORK. (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS.

ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE).

WALL TYPE SCHEDULE

DRAWINGS.

(#) INDICATES WALL TYPE

WALL TILE (S/W EPOXY GROUT) ON THIN SET MORTAR (LATICRETE 254) ON WATERPROOFING MEMBRANE (LATICRETE HYDROBAN) ON 140mm LIGHT WEIGHT CONCRETE BLOCK (CONCRETE BLOCK TO EXTEND TO U/S OF DECK. FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

P1a SAME AS 'P1' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING. (FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS) P1 SAME AS 'P1' BUT TILE FINISH ON BOTH SIDES OF CONCRETE

P2 WALL TILE ON THIN SET MORTAR (LATICRETE 254) ON 140mm LIGHT WEIGHT CONCRETE BLOCK (CONCRETE BLOCK TO EXTEND TO U/S OF DECK FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

22) SAME AS 'P2' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING.

(FOR WALL TILE EXTENT REFER TO INTERIOR P3 140mm LIGHT WEIGHT
CONCRETE BLOCK

P3 140mm LIGHT WEIGHT
CONCRETE BLOCK (WALL HEIGHT TO BE 2100) (WALL HEIGHT TO BE 1500)

P4 190mm CONCRETE BLOCK C/W BULLNOSE EXPOSED EDGES NORMAL WEIGHT FIRE RESISTANCE RATING - 1HOUR (CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK)
PROVIDE SQUARE EDGES AT FIRST COURSE FOR NEW FLOOR BASE INSTALLATION

P5 ULC DESIGN NO. W407 / 415 FIRE RESISTANCE RATING - 1 HOUR PAINTED 16mm TYPE 'X' GYPSUM BOARD 92mm STEEL STUDS @ 400mm 0.C. PAINTED 16mm TYPE 'X' GYPSUM BOARD (WALL TO EXTEND FROM 2120mm A.F.F TO U/S OF EXISTING DECK)

NOTES: FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS. WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND

EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING

ROOM FINISH SCHEDULE. REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.
MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO & NEW PLANS CLASSROOM

208 & 209

Permit / Tender S. MARQUES DRAWN BY:

REVIEWED BY: S. LENNOX

July, 2020

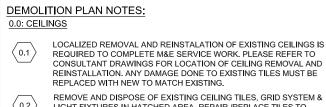
As indicated SCALE:

LENNOX ARCHITECTS NO.: 20 002

TRUE NORTH

SHEET NUMBER:

CONSTRUCTION NORTH



LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE. CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY PROTECTED WHEN PAINTING WALLS. IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS

REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL. WHEN WORK COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING. SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW

OPENING. AS PER ARCHITECTURAL DRAWING INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS

REMOVE & DISPOSE OF EXISTING WINDOW. SAW CUT WINDOW SILL & BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE. REMOVE CLOSER , PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING SEE DOOR AND HARDWARE SCHEDULES.

2.0: FLOORS

REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND). SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM). PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE SAND GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS

DOWN TO EXISTING SUBFLOOR, PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS &

STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA

SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL, REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS

REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE. ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL

RESERVED

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS, BOOK SHELVES, FILING CABINETS, ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS, ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED. ATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR

FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL. CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO

RESERVED

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.

REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC), WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH NEW AS PER MECHANICAL DRAWINGS.

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL

EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE, SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS. RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL

6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NO

REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS PER ELECTRICAL DRAWINGS.

EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS.

DISCONNECT. REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE ELECTRICAL DRAWINGS

DEMOLITION PLAN LEGEND

REFERENCES DEMOLITION SCOPE OF WORK (REFER TO DEMOLITION PLAN NOTES DASHED LINE INDICATES EXISTING BUILDING

> GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAIN

EXISTING WALL/PARTITION TO REMAIN EXISTING DOOR AND FRAME TO REMAIN

GRAY TONE INDICATES EXISTING AREAS HATCH INDICATES DEMOLITION & REPLACEMENT AREA OF FLOOR FINISH

GENERAL NOTES:

SITE VERIFICATION OF EXISTING TO BE DONE BY CONTRACTOR.

NO MILLWORK TO BE DEMOLISHED UNTIL NEW MILLWORK ARRIVES ON SITE.

FLOOR PLAN LEGEND GRAY LINE INDICATES EXISTING BUILDING

EXISTING WALL/PARTITION TO REMAIN EXISTING DOOR AND FRAME TO REMAIN

GRAY TONE INDICATES EXISTING HATCH INDICATES AREA OF NEW FIELD FLOOR FINISH (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

SHADING W/HATCH INDICATES AREA OF NEW $\underline{\mathsf{ACCENT}}$ FLOOR FINISH.(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE) (REFER TO MILLWORK PLANS & ELEVATIONS ON SHEETS A500'S)

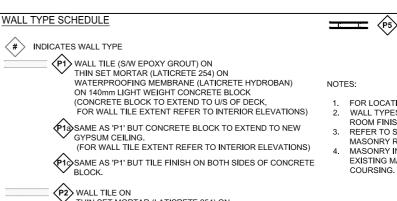
EX.VCT, VCT INDICATES TRANSITION BETWEEN FLOOR FINISHES. TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING AT LOCATIONS WHERE TRANSITION OCCURS AT AN EXISTING THRESHOLD PLEASE REPLACE EXISTING WITH NEW TO SUIT PROPOSED FINISHES. (REFER TO ROOM FINISH SCHEDULE & MATERIALS)

> DOOR REFERENCE (REFER TO DOOR SCHEDULE ON DWG A513 AND SPECIFICATIONS)

REFERENCE TO INTERIOR ELEVATIONS (SEE INTERIOR ELEVATION DRAWINGS ON A400'S)

NOTES:

- DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS: SCHEDULE A: MATERIAL LIST SCHEDULE B: ROOM FINISH SCHEDULE
- SCHEDULE C: WASHROOM ACCESSORY SCHEDULE 2. EXTENT OF NEW VCT TO BE, AT MINIMUM, 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON
- 3. ALL NEW VCT TO EXTEND UNDER MILLWORK. (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)
- 4. RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE
- ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE).



THIN SET MORTAR (LATICRETE 254) ON

NEW GYPSUM CEILING.

P4 190mm CONCRETE BLOCK

NORMAL WEIGHT

140mm LIGHT WEIGHT CONCRETE BLOCK
(CONCRETE BLOCK TO EXTEND TO U/S OF DECK,

2a) SAME AS 'P2' BUT CONCRETE BLOCK TO EXTEND TO

(FOR WALL TILE EXTENT REFER TO INTERIOR

P3 140mm LIGHT WEIGHT CONCRETE BLOCK P3 140mm LIGHT WEIGHT CONCRETE BLOCK

(CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK)
PROVIDE SQUARE EDGES AT FIRST COURSE FOR

C/W BULLNOSE EXPOSED EDGES

FIRE RESISTANCE RATING - 1HOUR

NEW FLOOR BASE INSTALLATION

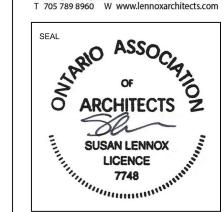
(WALL HEIGHT TO BE 2100) (WALL HEIGHT TO BE 1500)

FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

P5 ULC DESIGN NO. W407 / 415 FIRE RESISTANCE RATING - 1 HOUR PAINTED 16mm TYPE 'X' GYPSUM BOARD 92mm STEEL STUDS @ 400mm 0.C. PAINTED 16mm TYPE 'X' GYPSUM BOARD (WALL TO EXTEND FROM 2120mm A.F. F TO U/S OF EXISTING DECK)

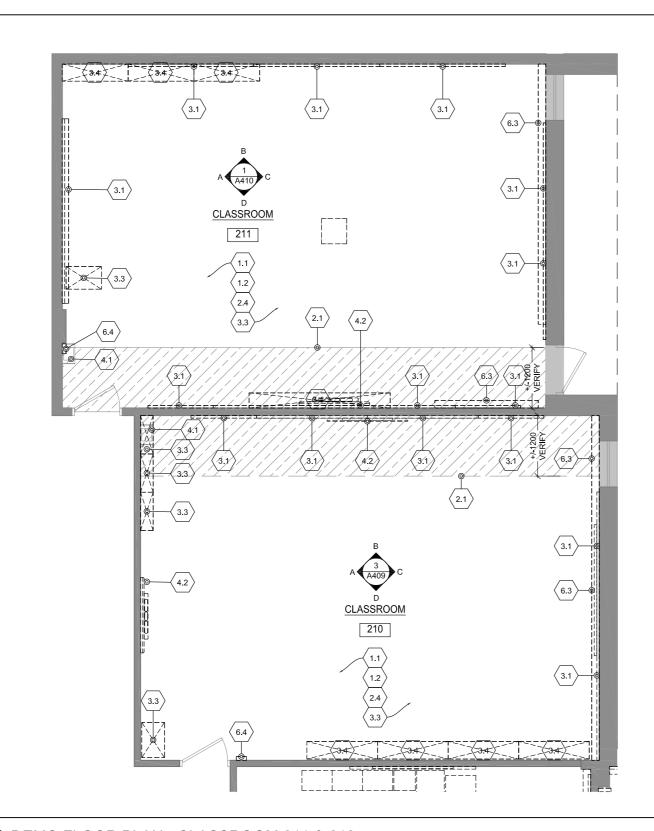
FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE.

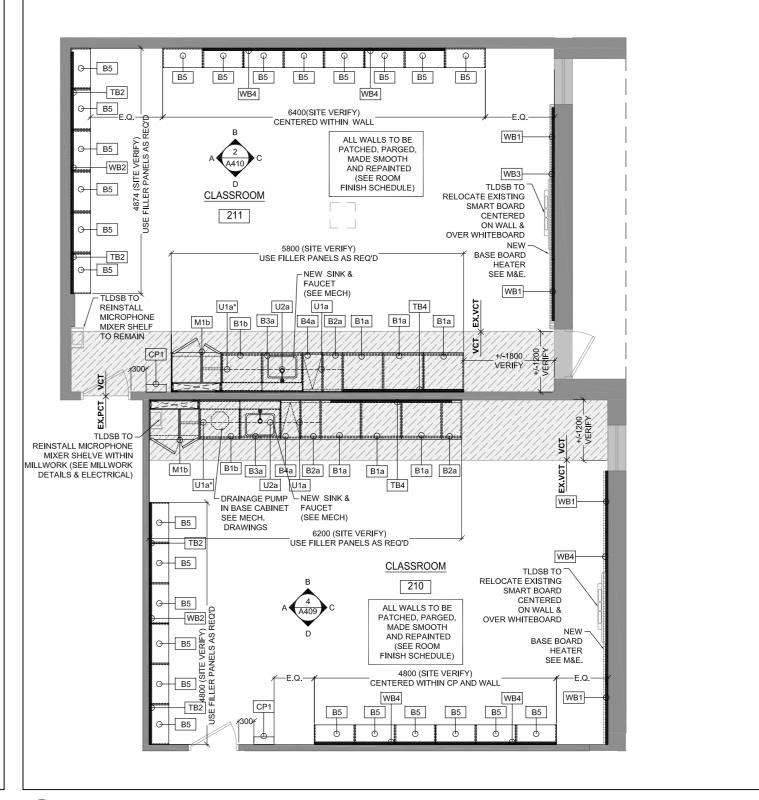
REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT. MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING



24 Morgan Heights Drive, Huntsville, ON, P1H 1B7

KEY PLAN





REVISIONS lo. Date 1 March.12/21 Issued for Permit / Tende 2 Nov.15/21 Re-Issued for Tender J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON CLIENT rillium



SHEET TITLE

DEMO & NEW PLANS CLASSROOM 210 & 211

PHASE: Permit / Tender DRAWN BY: S. MARQUES REVIEWED BY: S. LENNOX July, 2020 As indicated SCALE:

LENNOX ARCHITECTS NO.: 20 002



TRUE NORTH

SHEET NUMBER:

A308

DEMO FLOOR PLAN - CLASSROOM 211 & 210

NEW FLOOR PLAN - CLASSROOM 211 & 210

0.0: CEILINGS

LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK, PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION. ANY DAMAGE DONE TO EXISTING TILES MUST BE REPLACED WITH NEW TO MATCH EXISTING.

REMOVE AND DISPOSE OF EXISTING CEILING TILES. GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

1.0: WALLS

PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE. CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY PROTECTED WHEN PAINTING WALLS.

IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS

REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS. AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL. WHEN WORK COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING. SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW

OPENING. AS PER ARCHITECTURAL DRAWINGS. INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS.

REMOVE & DISPOSE OF EXISTING WINDOW SAW CUT WINDOW SILL & BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE. REMOVE CLOSER, PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING. SEE DOOR AND HARDWARE SCHEDULES.

2.0: FLOORS

REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND).
SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM). PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE. SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS

STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA

DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS & SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND

SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL. REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS.

3.0: FITMENTS

REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL.

RESERVED

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS, BOOK SHELVES, FILING CABINETS, ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER

PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED.

RESERVED

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.

REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

REMOVE & TURN OVE

CAREFULLY REMOVE. PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC). WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET, REPLACE WITH NEW AS PER MECHANICAL DRAWINGS.

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET, COMPLETELY

REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL DRAWINGS. EXISTING RADIATOR COVER TO BE REMOVED. TAKEN FROM SITE.

SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS.
RE INSTALL WHEN WORK COMPLETE, ALSO SEE MECHANICAL

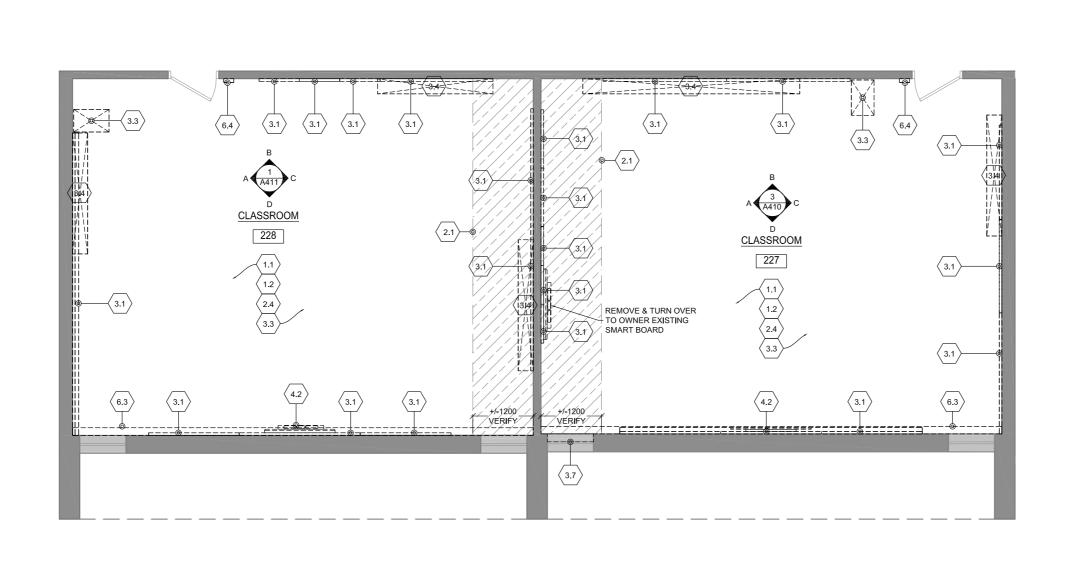
6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT BE ACCEPTED.

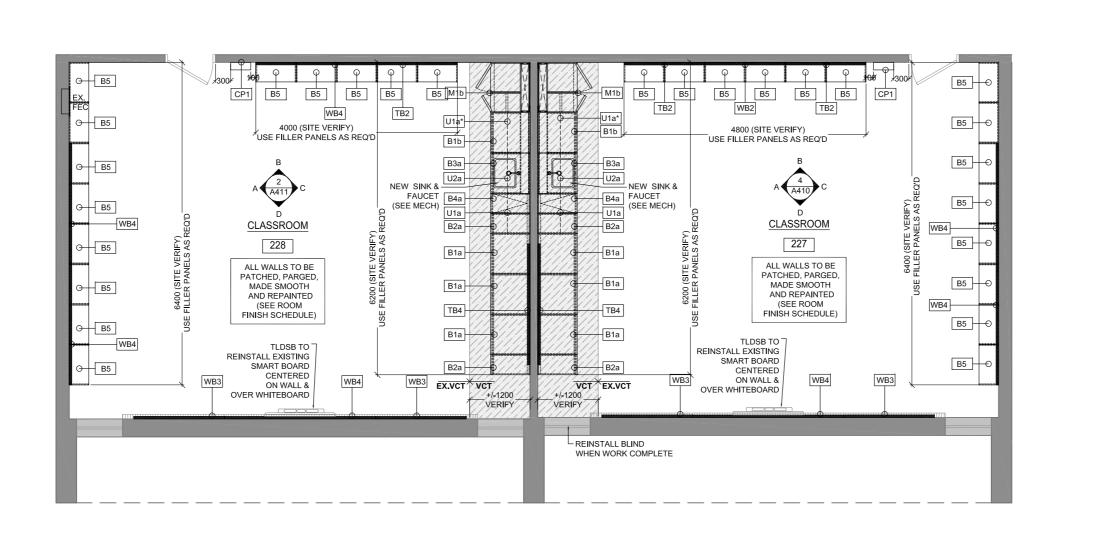
REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS

EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND (6.3) REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS

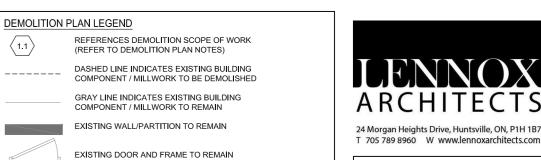
DISCONNECT, REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE



DEMO FLOOR PLAN - CLASSROOM 228 & 227



NEW FLOOR PLAN - CLASSROOM 228 & 227



ASSOCIATION I SUSAN LENNOX LICENCE 7748

FLOOR PLAN LEGEND GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAII KEY PLAN EXISTING WALL/PARTITION TO REMAIN EXISTING DOOR AND FRAME TO REMAIN GRAY TONE INDICATES EXISTING HATCH INDICATES AREA OF NEW FIELD FLOOR FINISH

FINISH.(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE) M# --- MILLWORK TYPE REFERENCE (REFER TO MILLWORK PLANS & ELEVATIONS ON SHEETS A500'S) EX.VCT, VCT INDICATES TRANSITION BETWEEN FLOOR FINISHES.
TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING VCT TILE JOINT. AT LOCATIONS WHERE TRANSITION OCCURS AT AN EXISTING THRESHOLD PLEASE REPLACE EXISTING WITH NEW TO SUIT (REFER TO ROOM FINISH SCHEDULE & MATERIALS DOOR REFERENCE (REFER TO DOOR SCHEDULE ON DWG A513 AND SPECIFICATIONS

(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE) SHADING W/HATCH INDICATES AREA OF NEW ACCENT FLOOR

GRAY TONE INDICATES EXISTING AREAS

AREA OF FLOOR FINISH

SITE VERIFICATION OF EXISTING TO BE DONE BY

NO MILLWORK TO BE DEMOLISHED UNTIL NEW MILLWORK

GENERAL NOTES:

ARRIVES ON SITE.

HATCH INDICATES DEMOLITION & REPLACEMENT

1sim. A401 (SEE INTERIOR ELEVATION DRAWINGS ON A400'S) NOTES:

DRAWINGS.

DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS: SCHEDULE A : MATERIAL LIST SCHEDULE B: ROOM FINISH SCHEDULE

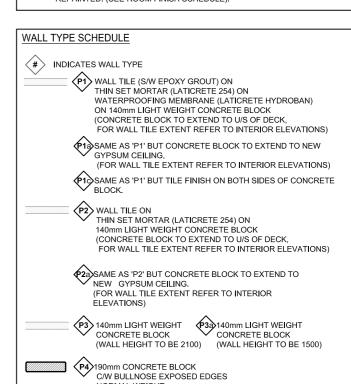
SCHEDULE C: WASHROOM ACCESSORY SCHEDULE EXTENT OF NEW VCT TO BE, AT MINIMUM, 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON

REFERENCE TO INTERIOR ELEVATIONS

3. ALL NEW VCT TO EXTEND UNDER MILLWORK. (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS.

ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE).



P4 190mm CONCRETE BLOCK
C/W BULLNOSE EXPOSED EDGES
NORMAL WEIGHT FIRE RESISTANCE RATING - 1HOUR (CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK) PROVIDE SQUARE EDGES AT FIRST COURSE FOR NEW FLOOR BASE INSTALLATION P5 ULC DESIGN NO. W407 / 415 FIRE RESISTANCE RATING - 1 HOUR PAINTED 16mm TYPE 'X' GYPSUM BOARD 92mm STEEL STUDS @ 400mm 0.C. PAINTED 16mm TYPE 'X' GYPSUM BOARD (WALL TO EXTEND FROM 2120mm A.F.F TO U/S OF EXISTING DECK) NOTES: FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS. WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE. B. REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.

4. MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF

EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING

REVISIONS No. Date 1 March 12/21 Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO & NEW PLANS CLASSROOM 227 & 228

Permit / Tender S. MARQUES DRAWN BY

REVIEWED BY: S. LENNOX July, 2020

As indicated SCALE:

LENNOX ARCHITECTS NO.: 20 002





TRUE NORTH

SHEET NUMBER:

LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK. PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION, ANY DAMAGE DONE TO EXISTING TILES MUST BE REPLACED WITH NEW TO MATCH EXISTING.

REMOVE AND DISPOSE OF EXISTING CEILING THES. GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

1.0: WALLS

PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY PROTECTED WHEN PAINTING WALLS.
IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS

REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL. WHEN WORK COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING.

SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW OPENING. AS PER ARCHITECTURAL DRAWINGS

INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS. REMOVE & DISPOSE OF EXISTING WINDOW, SAW CUT WINDOW SILL &

BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE, REMOVE CLOSER PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING. SEE DOOR AND HARDWARE SCHEDULES.

2.0: FLOORS

REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND).
SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM) PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS

REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE. SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS

STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS &

SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS

3.0: FITMENTS

REMOVE AND DISPOSE OF EXISTING TR/CB/WB & MAPRAIL IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE.
ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL.

RESERVED

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS, BOOK SHELVES, FILING CABINETS,ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS, PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL. CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED

RESERVED

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS, RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.

REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC). WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH NEW AS PER MECHANICAL DRAWINGS

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL

EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE, SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS.
RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL DRAWINGS.

6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

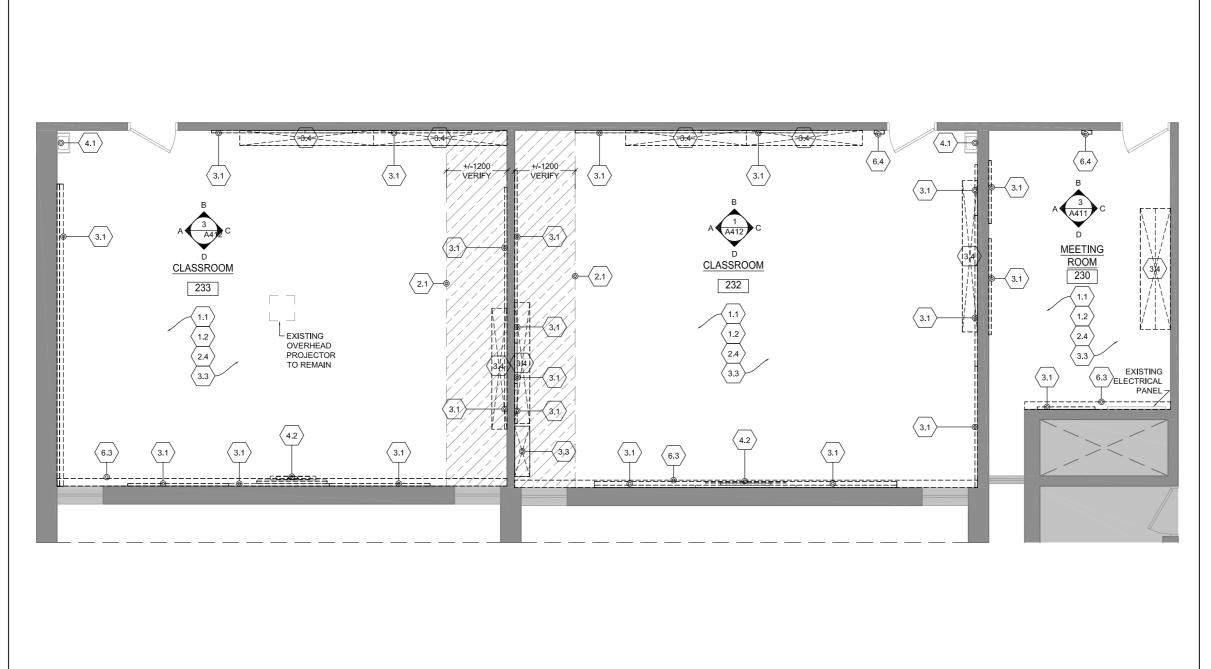
DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT

REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS PER ELECTRICAL DRAWINGS

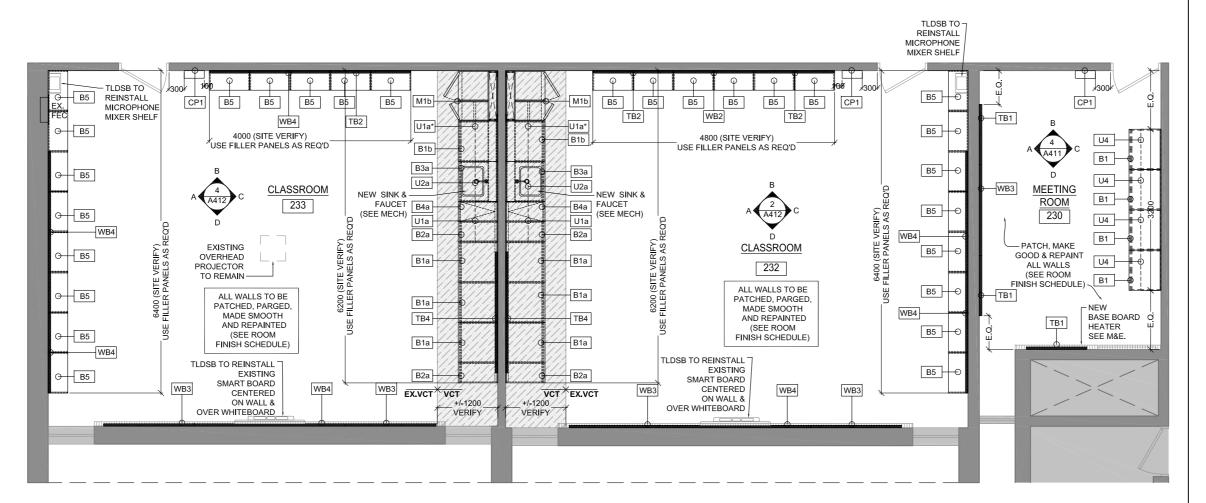
REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS. DISCONNECT. REMOVE & RELOCATE TO NEW PRE MANUFACTURED

CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK,
THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE ELECTRICAL DRAWINGS.

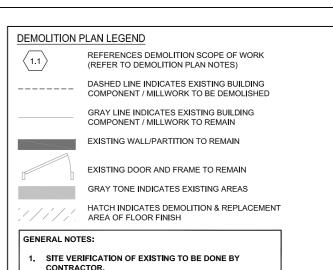
EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND

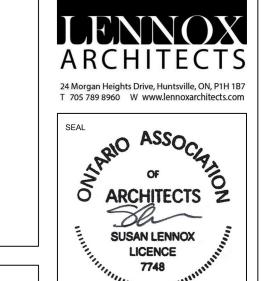


\DEMO FLOOR PLAN - CLASSROOM 233, 232 & MEETING ROOM 230



NEW FLOOR PLAN - CLASSROOM 233, 232 & MEETING ROOM 230





KEY PLAN

REVISIONS

No. Date

2 Nov.15/21

LICENCE

7748

1 March.12/21 Issued for Permit / Tender

Re-Issued for Tender

FLOOR PLAN LEGEND

GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAII EXISTING WALL/PARTITION TO REMAIN

NO MILLWORK TO BE DEMOLISHED UNTIL NEW MILLWORK

ARRIVES ON SITE.

EXISTING DOOR AND FRAME TO REMAIN

GRAY TONE INDICATES EXISTING HATCH INDICATES AREA OF NEW FIELD FLOOR FINISH (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

SHADING W/HATCH INDICATES AREA OF NEW ACCENT FLOOR FINISH.(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

M# --- MILLWORK TYPE REFERENCE (REFER TO MILLWORK PLANS & ELEVATIONS ON SHEETS A500'S) EX.VCT, VCT INDICATES TRANSITION BETWEEN FLOOR FINISHES.
TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING VCT TILE JOINT. AT LOCATIONS WHERE TRANSITION OCCURS AT AN EXISTING THRESHOLD PLEASE REPLACE EXISTING WITH NEW TO SUIT

> (REFER TO ROOM FINISH SCHEDULE & MATERIALS DOOR REFERENCE (REFER TO DOOR SCHEDULE ON DWG A513 AND SPECIFICATIONS

REFERENCE TO INTERIOR ELEVATIONS 1sim. A401 (SEE INTERIOR ELEVATION DRAWINGS ON A400'S)

DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS: SCHEDULE A : MATERIAL LIST SCHEDULE B: ROOM FINISH SCHEDULE SCHEDULE C: WASHROOM ACCESSORY SCHEDULE

EXTENT OF NEW VCT TO BE, AT MINIMUM, 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON

3. ALL NEW VCT TO EXTEND UNDER MILLWORK. (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

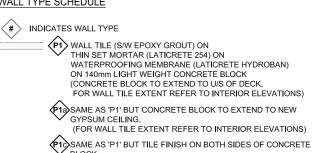
RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS.

ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE).

WALL TYPE SCHEDULE

DRAWINGS.

NOTES:



P2 WALL TILE ON THIN SET MORTAR (LATICRETE 254) ON 140mm LIGHT WEIGHT CONCRETE BLOCK (CONCRETE BLOCK TO EXTEND TO U/S OF DECK. FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

22a SAME AS 'P2' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING.
(FOR WALL TILE EXTENT REFER TO INTERIOR P3 140mm LIGHT WEIGHT CONCRETE BLOCK CONCRETE BLOCK

(WALL HEIGHT TO BE 2100) (WALL HEIGHT TO BE 1500)

P4 190mm CONCRETE BLOCK C/W BULLNOSE EXPOSED EDGES
NORMAL WEIGHT FIRE RESISTANCE RATING - 1HOUR (CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK) PROVIDE SQUARE EDGES AT FIRST COURSE FOR

P5 ULC DESIGN NO. W407 / 415 FIRE RESISTANCE RATING - 1 HOUR PAINTED 16mm TYPE 'X' GYPSUM BOARD 92mm STEEL STUDS @ 400mm 0.C. PAINTED 16mm TYPE 'X' GYPSUM BOARD (WALL TO EXTEND FROM 2120mm A.F.F TO

NEW FLOOR BASE INSTALLATION

U/S OF EXISTING DECK) NOTES: FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS. WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND

ROOM FINISH SCHEDULE. B. REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR

MASONRY REINFORCEMENT.

4. MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations



DEMO & NEW PLANS CLASSROOM 232, 233 & **MEETING ROOM 230**

PHASE:	Permit / Tende
DRAWN BY:	S. MARQUES
REVIEWED BY:	S. LENNOX

July, 2020

CONSTRUCTION NORTH

As indicated SCALE: LENNOX ARCHITECTS NO.: 20 002

TRUE NORTH



SHEET NUMBER:

LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK, PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION. ANY DAMAGE DONE TO EXISTING TILES MUST BE REPLACED WITH NEW TO MATCH EXISTING.

REMOVE AND DISPOSE OF EXISTING CEILING TILES. GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

1.0: WALLS

PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS

ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY PROTECTED WHEN PAINTING WALLS.

IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS

REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL. WHEN WORK COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW

OPENING. AS PER ARCHITECTURAL DRAWINGS. INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS.

REMOVE & DISPOSE OF EXISTING WINDOW, SAW CUT WINDOW SILL & BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE. REMOVE CLOSER, PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING. SEE DOOR AND HARDWARE SCHEDULES.

2.0: FLOORS REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA

(REFER TO LEGEND).
SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM), PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS

REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND

PERIMETER RUBBER BASE, SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS. STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR

NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS & SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND

SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL. REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS.

3.0: FITMENTS

REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE.

ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL.

RESERVED

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS,BOOK SHELVES, FILING CABINETS,ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS, ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER

PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL.

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED.

RESERVED

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.

REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

REMOVE & TURN OVE

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC). WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET, COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL DRAWINGS.

EXISTING RADIATOR COVER TO BE REMOVED. TAKEN FROM SITE. SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL

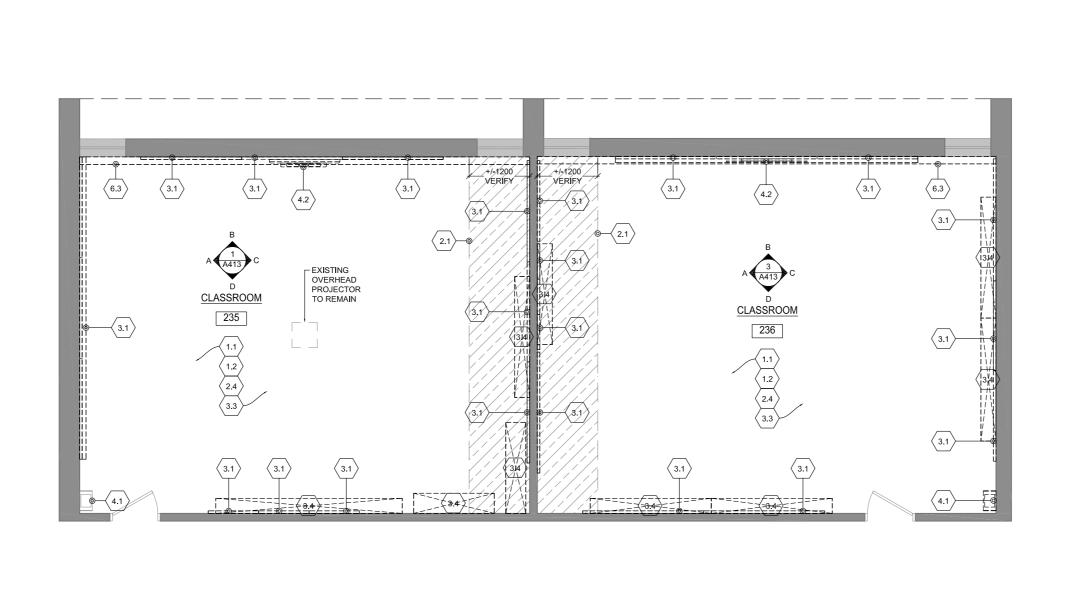
6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT

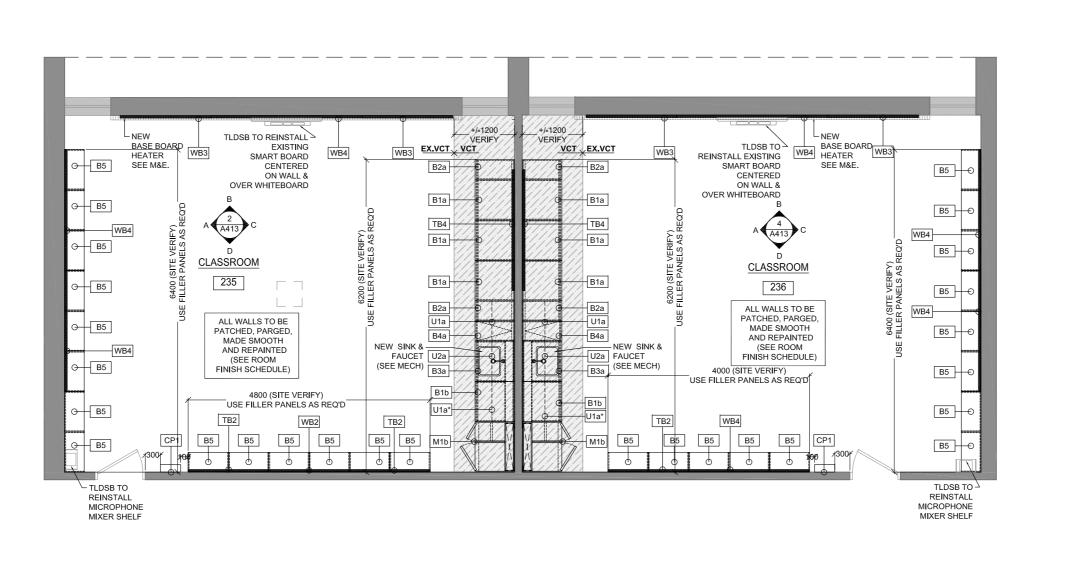
BE ACCEPTED. REMOVE & DISPOSE OF ANY FLECTRICAL FIXTURES AND WIRING AS

EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS

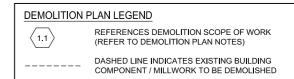
DISCONNECT. REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE



\DEMO FLOOR PLAN - CLASSROOM 235 & 236



NEW FLOOR PLAN - CLASSROOM 235 & 236



GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAIN

EXISTING WALL/PARTITION TO REMAIN EXISTING DOOR AND FRAME TO REMAIN

GRAY TONE INDICATES EXISTING AREAS HATCH INDICATES DEMOLITION & REPLACEMENT AREA OF FLOOR FINISH

GENERAL NOTES:

SITE VERIFICATION OF EXISTING TO BE DONE BY

NO MILLWORK TO BE DEMOLISHED UNTIL NEW MILLWORK ARRIVES ON SITE.

FLOOR PLAN LEGEND

GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAII

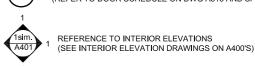


GRAY TONE INDICATES EXISTING HATCH INDICATES AREA OF NEW FIELD FLOOR FINISH (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

SHADING W/HATCH INDICATES AREA OF NEW ACCENT FLOOR FINISH.(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

M# --- MILLWORK TYPE REFERENCE (REFER TO MILLWORK PLANS & ELEVATIONS ON SHEETS A500'S) EX.VCT_ VCT INDICATES TRANSITION BETWEEN FLOOR FINISHES. TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING AT LOCATIONS WHERE TRANSITION OCCURS AT AN EXISTING THRESHOLD PLEASE REPLACE EXISTING WITH NEW TO SUIT

> (REFER TO ROOM FINISH SCHEDULE & MATERIALS DOOR REFERENCE (REFER TO DOOR SCHEDULE ON DWG A513 AND SPECIFICATIONS



NOTES: DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS: SCHEDULE A : MATERIAL LIST

SCHEDULE B: ROOM FINISH SCHEDULE

SCHEDULE C: WASHROOM ACCESSORY SCHEDULE EXTENT OF NEW VCT TO BE, AT MINIMUM, 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON

3. ALL NEW VCT TO EXTEND UNDER MILLWORK.

(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

4. RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS.

5. ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE).

WALL TYPE SCHEDULE

DRAWINGS.

(#) INDICATES WALL TYPE

WALL TILE (S/W EPOXY GROUT) ON THIN SET MORTAR (LATICRETE 254) ON WATERPROOFING MEMBRANE (LATICRETE HYDROBAN) ON 140mm LIGHT WEIGHT CONCRETE BLOCK (CONCRETE BLOCK TO EXTEND TO U/S OF DECK, FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

\$\text{\$\delta}\$ SAME AS 'P1' BUT CONCRETE BLOCK TO EXTEND TO NEW (FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS) SAME AS 'P1' BUT TILE FINISH ON BOTH SIDES OF CONCRETE

WALL TILE ON THIN SET MORTAR (LATICRETE 254) ON 140mm LIGHT WEIGHT CONCRETE BLOCK (CONCRETE BLOCK TO EXTEND TO U/S OF DECK, FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

ASAME AS 'P2' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING. (FOR WALL TILE EXTENT REFER TO INTERIOR

P3 140mm LIGHT WEIGHT CONCRETE BLOCK (WALL HEIGHT TO BE 2100) (WALL HEIGHT TO BE 1500) P4 190mm CONCRETE BLOCK C/W BULLNOSE EXPOSED EDGES

NORMAL WEIGHT FIRE RESISTANCE RATING - 1HOUR (CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK) PROVIDE SQUARE EDGES AT FIRST COURSE FOR NEW FLOOR BASE INSTALLATION P5 ULC DESIGN NO. W407 / 415

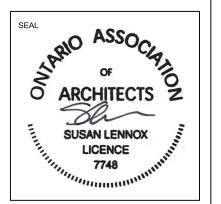
FIRE RESISTANCE RATING - 1 HOUR
PAINTED 16mm TYPE 'X' GYPSUM BOARD 92mm STEEL STUDS @ 400mm 0.C. PAINTED 16mm TYPE 'X' GYPSUM BOARD (WALL TO EXTEND FROM 2120mm A.F.F TO U/S OF EXISTING DECK)

FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND

ROOM FINISH SCHEDULE. REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT. MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING



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KEY PLAN

REVISIONS No. Date 1 March 12/21 Issued for Permit / Tender Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO & NEW PLANS

CLASSROOM 235 & 236

Permit / Tender S. MARQUES DRAWN BY

REVIEWED BY: S. LENNOX

July, 2020 As indicated SCALE:

LENNOX ARCHITECTS NO.: 20 002





TRUE NORTH

SHEET NUMBER:

0.1 LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK. PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION. ANY DAMAGE DONE TO EXISTING TILES MUST BE REPLACED WITH NEW TO MATCH EXISTING.

REMOVE AND DISPOSE OF EXISTING CEILING TILES, GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

1.0: WALLS

1.1 PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY
PROTECTED WHEN PAINTING WALLS.
IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS COMPLETE.

1.3 REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS
AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL. WHEN WORK
COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING.
SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW

OPENING. AS PER ARCHITECTURAL DRAWINGS.

 INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS.

(1.6) REMOVE & DISPOSE OF EXISTING WINDOW. SAW CUT WINDOW SILL & BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE. REMOVE CLOSER, PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING.

SEE DOOR AND HARDWARE SCHEDULES. 2.0: FLOORS

REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND).

SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

2.2 REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM), PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

2.3 REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &

2.4 REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE. SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

2.5 STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

2.6 SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL. REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS.

3.0: FITMENTS

REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF TACKBOARD / CHALKBOARD/MITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE.
ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL.

3.2 RESERVED

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS,BOOK SHELVES, FILING CABINETS,ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETG). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED.

PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL.

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL. CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED.

(3.6) RESERVED

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALL WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.

3.8 REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

4.1 ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

4.2 ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

 $\left<4.3\right>$ REMOVE & TURN OVER TO OWNER EXISTING EQUIPMENT.

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC). WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL DRAWINGS.

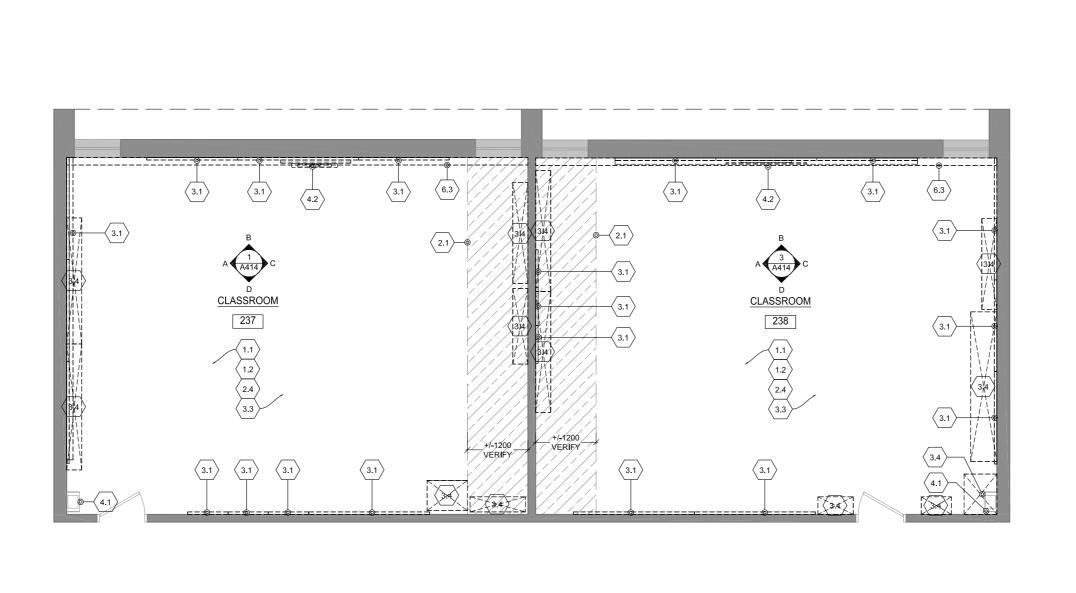
5.3 EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE, SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS. RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL DRAWINGS.

6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

6.1 DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT BE ACCEPTED.

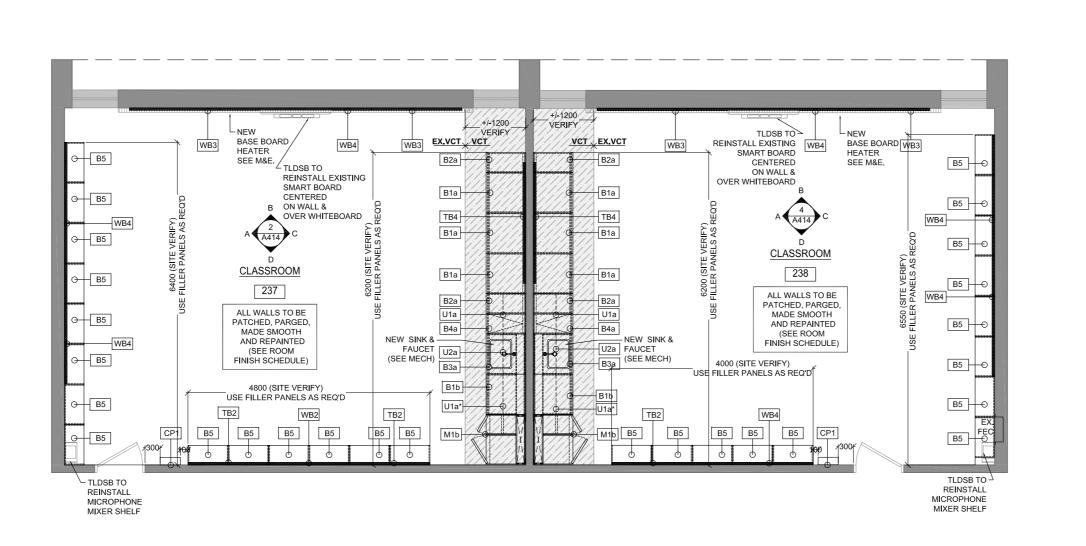
6.2 REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS PER ELECTRICAL DRAWINGS.

DISCONNECT, REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE ELECTRICAL DRAWINGS.



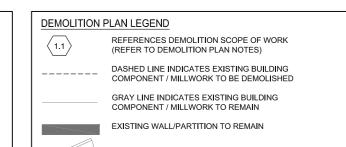
\DEMO FLOOR PLAN - CLASSROOM 237 & 238

1:75



NEW FLOOR PLAN - CLASSROOM 237 & 238

J1:75



EXISTING DOOR AND FRAME TO REMAIN

GRAY TONE INDICATES EXISTING AREAS

HATCH INDICATES DEMOLITION & REPLACEMENT

GENERAL NOTES:

SITE VERIFICATION OF EXISTING TO BE DONE BY

AREA OF FLOOR FINISH

NO MILLWORK TO BE DEMOLISHED UNTIL NEW MILLWORK ARRIVES ON SITE.

FLOOR PLAN LEGEND

GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAIN



GRAY TONE INDICATES EXISTING

HATCH INDICATES AREA OF NEW FIELD FLOOR FINISH.
(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

SHADING W/HATCH INDICATES AREA OF NEW ACCENT FLOOR FINISH.(SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

MILLWORK TYPE REFERENCE (REFER TO MILLWORK PLANS & ELEVATIONS ON SHEETS A500'S)

EX.VCT, VCT

INDICATES TRANSITION BETWEEN FLOOR FINISHES.
TRANSITION TO BE ALWAYS LOCATED AT THE NEAREST EXISTING VCT TILE JOINT.
AT LOCATIONS WHERE TRANSITION OCCURS AT AN EXISTING THRESHOLD PLEASE REPLACE EXISTING WITH NEW TO SUIT PROPOSED FINISHES.
(REFER TO ROOM FINISH SCHEDULE & MATERIALS)

DOOR REFERENCE (REFER TO DOOR SCHEDULE ON DWG A513 AND SPECIFICATIONS)

1 REFERENCE TO INTERIOR ELEVATIONS (SEE INTERIOR ELEVATION DRAWINGS ON A400'S)

 DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS: SCHEDULE A: MATERIAL LIST SCHEDULE B: ROOM FINISH SCHEDULE

SCHEDULE C: WASHROOM ACCESSORY SCHEDULE

2. EXTENT OF NEW VCT TO BE, AT MINIMUM, 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON

ALL NEW VCT TO EXTEND UNDER MILLWORK.
 (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS.

5. ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE).

WALL TYPE SCHEDULE

DRAWINGS.

NOTES:

INDICATES WALL TYPE

P1 WALL TILE (S/W EPOXY GROUT) ON
THIN SET MORTAR (LATICRETE 254) ON
WATERPROOFING MEMBRANE (LATICRETE HYDROBAN)
ON 140mm LIGHT WEIGHT CONCRETE BLOCK
(CONCRETE BLOCK TO EXTEND TO U/S OF DECK,
FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

\$\frac{1}{1}\$ SAME AS 'P1' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING.

(FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

P2 WALL TILE ON
THIN SET MORTAR (LATICRETE 254) ON
140mm LIGHT WEIGHT CONCRETE BLOCK
(CONCRETE BLOCK TO EXTEND TO U/S OF DECK,

FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

P2a) SAME AS 'P2' BUT CONCRETE BLOCK TO EXTEND TO NEW GYPSUM CEILING.
(FOR WALL TILE EXTENT REFER TO INTERIOR ELEVATIONS)

P3 140mm LIGHT WEIGHT CONCRETE BLOCK (WALL HEIGHT TO BE 1500)

P4 190mm CONCRETE BLOCK

C/W BULLNOSE EXPOSED EDGES
NORMAL WEIGHT
FIRE RESISTANCE RATING - 1HOUR
(CONCRETE BLOCK WALL HEIGHT TO U/S OF DECK)
PROVIDE SQUARE EDGES AT FIRST COURSE FOR
NEW FLOOR BASE INSTALLATION

P5 ULC DESIGN NO. W407 / 415
FIRE RESISTANCE RATING - 1 HOUR
PAINTED 16mm TYPE 'X' GYPSUM BOARD
92mm STEEL STUDS @ 400mm 0.C.
PAINTED 16mm TYPE 'X' GYPSUM BOARD
(WALL TO EXTEND FROM 2120mm A.F.F TO
NOTES: U/S OF EXISTING DECK)

FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS.
WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND

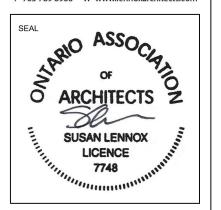
ROOM FINISH SCHEDULE.

REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.

MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING COURSING.



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KEY PLAN

REVISIONS

No. Date Description

1 March.12/21 Issued for Permit / Tender

2 Nov.15/21 Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



ET TITLE

DEMO & NEW PLANS CLASSROOM 237 & 238

PHASE: Permit / Tender
DRAWN BY: S. MARQUES

REVIEWED BY: S. LENNOX

DATE: July, 2020

SCALE: As indicated

LENNOX ARCHITECTS NO.: 20 002

CONSTRUCTION NORTH



TRUE NORTH

SHEET NUMBER:

LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK. PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION. ANY DAMAGE DONE TO EXISTING TILES MUST BE

REPLACED WITH NEW TO MATCH EXISTING. REMOVE AND DISPOSE OF EXISTING CEILING TILES, GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

1.0: WALLS

PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY PROTECTED WHEN PAINTING WALLS.

IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS

REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL, WHEN WORK COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING.

SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW OPENING. AS PER ARCHITECTURAL DRAWINGS

INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS.

REMOVE & DISPOSE OF EXISTING WINDOW, SAW CUT WINDOW SILL & FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE, REMOVE CLOSER PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING. SEE DOOR AND HARDWARE SCHEDULES.

2.0: FLOORS

REMOVE AND DISPOSE OF EXISTING VCT TILE AT HATCHED AREA (REFER TO LEGEND).
SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM). PREPARE SURFACE FOR NEW RUBBER BASE AS PER

REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND $\langle 2.4 \rangle$ PERIMETER RUBBER BASE. SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS

STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA $\langle 2.5 \rangle$ NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS &

SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS.

3.0: FITMENTS

REMOVE AND DISPOSE OF EXISTING TR/CR/WR & MAPRAIL IF TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL UPON CONSTRUCTION WORK COMPLETE.
ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND FILLED PRIOR TO REFINISH WALL.

RESERVED

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS,BOOK SHELVES, FILING CABINETS,ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETC), CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED.
PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL

REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL. CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO

THEM OR DISPOSED. RESERVED $\langle 3.6 \rangle$

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS . RE INSTALI WHEN WORK COMPLETE . ALL BLINDS MUST BE WRAPPED IN PLASTIC AND NUMBERED BY ROOM.

REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT

REMOVE & TURN OVER

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC). WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET, REPLACE WITH

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL

EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE, SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS. RE INSTALL WHEN WORK COMPLETE, ALSO SEE MECHANICAL

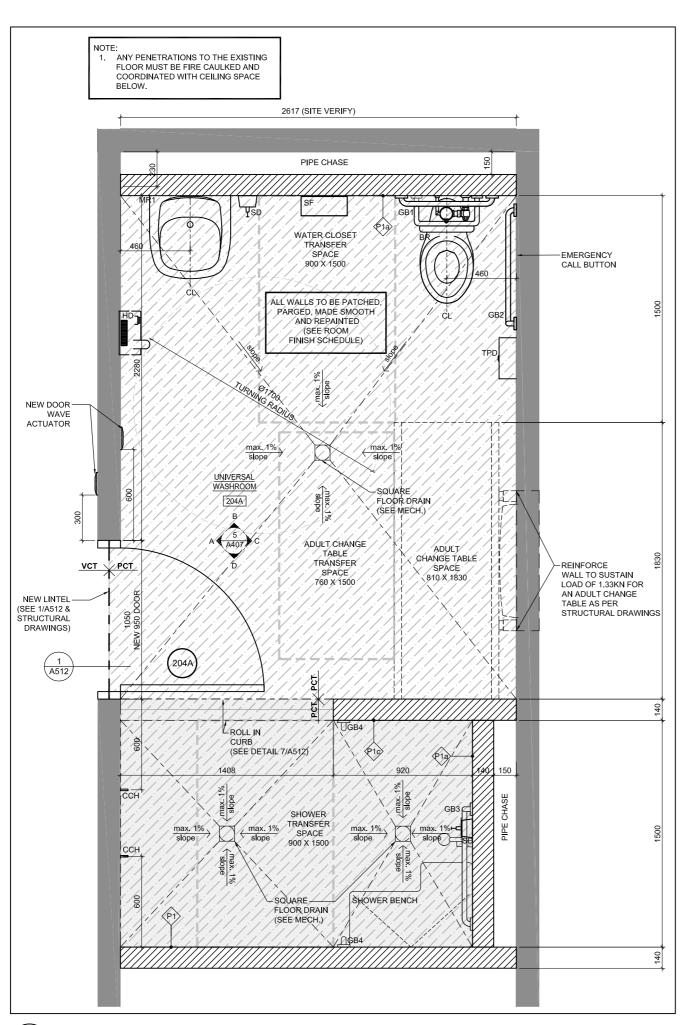
6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT

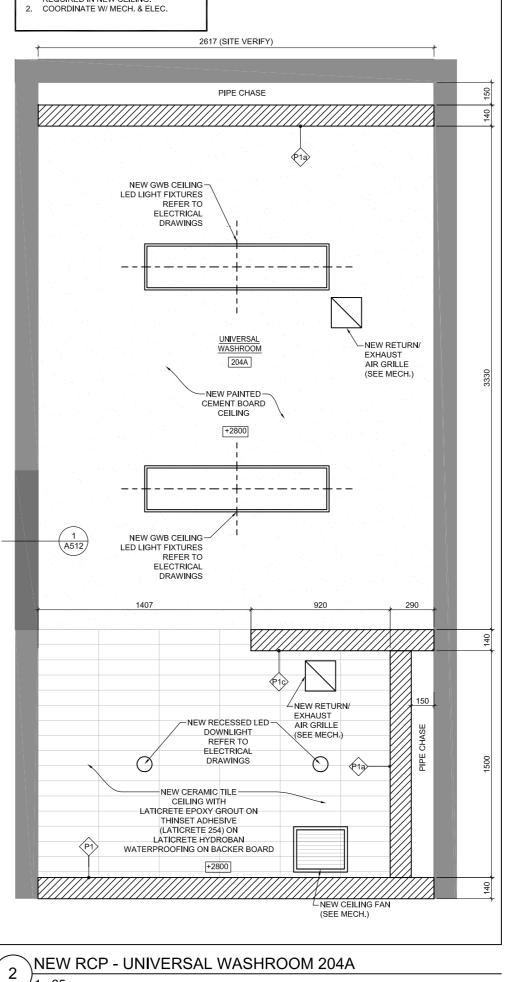
REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS

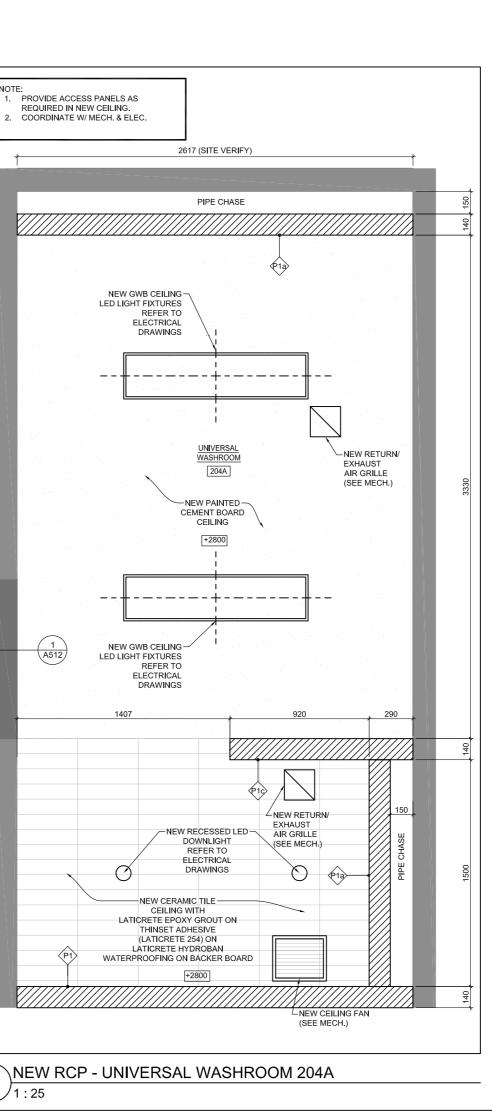
EXISTING ELECTRICAL BASEBOARD HEATER (BBH) TO BE REMOVED AND $\langle 6.3 \rangle$ REPLACED WITH NEW AS PER ELECTRICAL & MECHANICAL DRAWINGS.

DISCONNECT, REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE

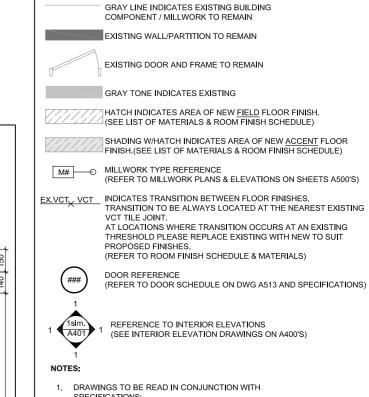








DEMOLITION PLAN LEGEND REFERENCES DEMOLITION SCOPE OF WORK DASHED LINE INDICATES EXISTING BUILDING GRAY LINE INDICATES EXISTING BUILDING COMPONENT / MILLWORK TO REMAIN EXISTING WALL/PARTITION TO REMAIN EXISTING DOOR AND FRAME TO REMAIN GRAY TONE INDICATES EXISTING AREAS HATCH INDICATES DEMOLITION & REPLACEMENT AREA OF FLOOR FINISH GENERAL NOTES: SITE VERIFICATION OF EXISTING TO BE DONE BY NO MILLWORK TO BE DEMOLISHED UNTIL NEW MILLWORK ARRIVES ON SITE.



FLOOR PLAN LEGEND

SPECIFICATIONS: SCHEDULE A : MATERIAL LIST SCHEDULE B: ROOM FINISH SCHEDULE SCHEDULE C: WASHROOM ACCESSORY SCHEDULE

2. EXTENT OF NEW VCT TO BE. AT MINIMUM. 2 FULL VCT IN FRONT OF NEW MILLWORK UNLESS LARGER AREAS SHOWN ON DRAWINGS.

3. ALL NEW VCT TO EXTEND UNDER MILLWORK. (SEE LIST OF MATERIALS & ROOM FINISH SCHEDULE)

RUBBER BASE (RB) TO BE USED AT ALL VCT LOCATIONS. ALSO SEE SCHEDULE B: ROOM FINISH SCHEDULE OF THE SPECIFICATIONS.

ALL WALLS MUST BE PATCHED, PARGED, MADE SMOOTH & REPAINTED. (SEE ROOM FINISH SCHEDULE).

NEW FLOOR BASE INSTALLATION

92mm STEEL STUDS @ 400mm 0.C. PAINTED 16mm TYPE 'X' GYPSUM BOARD

FOR LOCATION OF WALL TYPES REFER TO FLOOR PLANS.

MASONRY REINFORCEMENT.

4. MASONRY INFILL IN EXISTING WALLS TO MATCH SIZE OF

EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING

WALL TYPES FINISHES REFER TO INTERIOR ELEVATIONS AND

REFER TO SPECIFICATIONS AND STRUCTURAL DRAWINGS FOR

PAINTED 16mm TYPE 'X' GYPSUM BOARD

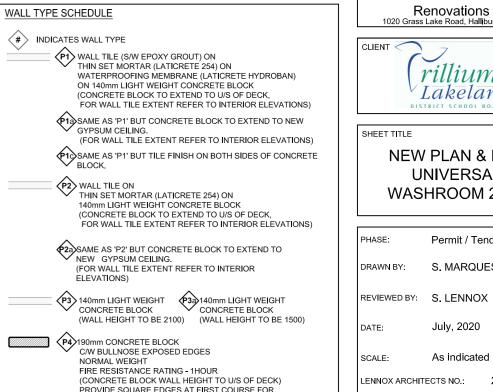
(WALL TO EXTEND FROM 2120mm A.F.F TO

P5 ULC DESIGN NO. W407 / 415
FIRE RESISTANCE RATING - 1 HOUR

U/S OF EXISTING DECK)

ROOM FINISH SCHEDULE.

NOTES:





ASSO_{CLAN}OZ SUSAN LENNOX LICENCE

KEY PLAN

REVISIONS No. Date 1 March 12/21 Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



NEW PLAN & RCP UNIVERSAL WASHROOM 204A

PHASE:	Permit / Tender
DRAWN BY:	S. MARQUES

July, 2020

As indicated

LENNOX ARCHITECTS NO.: 20 002





TRUE NORTH

SHEET NUMBER:

0.1 LOCALIZED REMOVAL AND REINSTALATION OF EXISTING CEILINGS IS REQUIRED TO COMPLETE M&E SERVICE WORK. PLEASE REFER TO CONSULTANT DRAWINGS FOR LOCATION OF CEILING REMOVAL AND REINSTALLATION. ANY DAMAGE DONE TO EXISTING TILES MUST BE REPLACED WITH NEW TO MATCH EXISTING

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REMOVE AND DISPOSE OF EXISTING CEILING TILES, GRID SYSTEM & LIGHT FIXTURES IN HATCHED AREA. REPAIR /REPLACE TILES TO REMAIN AS REQUIRED AND PROVIDE END TRIMS WHERE EXISTING TILES WILL MEET NEW WASHROOM WALL AS PER ARCHITECTURAL

1.0: WALLS

1.1 PATCH AND MAKE GOOD ANY DAMAGED TO EXISTING WALL SURFACE CLEAN AND PREPARE SURFACE FOR NEW FINISH, AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

ALL FITMENTS & EQUIPMENT TO REMAIN TO BE PROPERLY
PROTECTED WHEN PAINTING WALLS.
IF THIS DOES NOT COMPLETLY PROTECT THE EQUIPMENT, IT SHOULD
THEN BE REMOVED AND REINSTALLED WHEN PAINTING OF WALLS IS
COMPLETE.

REMOVE & DISPOSE OF EXISTING GYPSUM AND SCREW CHANNELS
AS REQUIRED TO ALLOW INSTALLATION OF NEW LINTEL, WHEN WORK
COMPLETE PROVIDE NEW GYPSUM AND PATCH TO MATCH EXISTING.

SAW-CUT NEW OPENING ON EXISTING BLOCK WALL FOR NEW

OPENING. AS PER ARCHITECTURAL DRAWINGS.

 INSTALL NEW LINTEL AND PROVIDE REQUIRED TEMPORARY BRACING TO COMPLETE WORK AS PER STRUCTURAL DRAWINGS.

1.6 REMOVE & DISPOSE OF EXISTING WINDOW. SAW CUT WINDOW SILL & BLOCK WALL ALL THE WAY DOWN TO THE EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW DOOR AS PER ARCHITECTURAL

SITE MODIFY EXISTING FRAME FOR ELECTRIC STRIKE SPECIFIED AND DOOR TO ACCOMMODATE NEW HARDWARE. REMOVE CLOSER, PATCH, REPAIR AND REPAINT DOOR/FRAME TO MATCH EXISTING.

SEE DOOR AND HARDWARE SCHEDULES. 2.0: FLOORS

(REFER TO LEGEND).
SAND, GRIND AND PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS &

2.2 REMOVE AND DISPOSE OF EXISTING PERIMETER RUBBER BASE (ENTIRE ROOM), PREPARE SURFACE FOR NEW RUBBER BASE AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

2.3 REMOVE AND DISPOSE OF EXISTING VCT AND NOSING ON STEPS AND RISERS. PREPARE EXISTING SUBSTRATE SURFACE FOR INSTALLATION OF NEW FINISHES AS PER ARCHITECTURAL DRAWINGS &

REMOVE AND DISPOSE OF ENTIRE AREA OF EXISTING VCT TILE AND PERIMETER RUBBER BASE. SAND, GRIND AND PREPARE EXISTING SUBSTRADE SURFACE FOR INSTALATION OF NEW FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

2.5 STRIP AND DISPOSE OF EXISTING WOOD FLOOR IN HIGHLIGHTED AREA DOWN TO EXISTING SUBFLOOR. PREPARE EXISTING SUBFLOOR FOR NEW FLOOR FINISH AS PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.

2.6 SAW CUT AND DISPOSE OF EXISTING WOOD FLOOR, SUBFLOOR AND SUPPORTS ALL THE WAY TO EXISTING SLAB TO ALLOW FOR INSTALLATION OF NEW CONCRETE BLOCK WALL. REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS.

3.0: FITMENTS

REMOVE AND DISPOSE OF EXISTING TB/CB/WB & MAPRAIL. IF
TACKBOARD / CHALKBOARD/WHITEBOARD LOCATED UNDER OTHER
FITMENTS OR EQUIPMENT, PLEASE REMOVE THE LAST AND REINSTALL
UPON CONSTRUCTION WORK COMPLETE.
ONCE TB IS REMOVED, MAKE SURE THAT ALL ADHESIVES ARE
COMPLETELY REMOVED FROM WALL AND ANCHORS REMOVED AND

3.2 RESERVED

ALL EXISTING LOOSE FURNITURE (DESKS, CHAIRS,BOOK SHELVES, FILING CABINETS,ETC) TO BE REMOVED AND TURNED OVER TO OWNER UNLESS OTHERWISE NOTED.

REMOVE & DISPOSE AND/OR TURN OVER TO OWNER EXISTING MILLWORK (UPPERS, LOWERS, TEACHER CLOSET, ISLAND, COUNTERS ETC). CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED.

PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL.

3.5 REMOVE & DISPOSE AND / OR TURN OVER TO OWNER EXISTING MILLWORK CUBBIES, SHELVES AND COAT HOOKS. PATCH AND MAKE GOOD ANY EXITING DAMAGE TO WALL AND/OR FLOOR THAT MAY BECOME APPARENT AFTER MILLWORK REMOVAL. CLIENT TO CONFIRM IF THEY WHISH THEM TO BE TURNED OVER TO THEM OR DISPOSED.

(3.6) RESERVED

REMOVE, PROTECT & STORE EXISTING ROLLER BLINDS. RE INSTALL
WHEN WORK COMPLETE. ALL BLINDS MUST BE WRAPPED IN PLASTIC
AND NUMBERED BY ROOM.

3.8 REMOVE, PROTECT & STORE EXISTING PAPER TOWEL DISPENSER AND SOAP DISPENSER TO BE REINSTALLED AS PER ARCHITECTURAL DRAWINGS, WHEN ALL OTHER WORK COMPLETE.

4.0: EQUIPMENT

4.1 ALL AUDIO EQUIPMENT, INCLUDING MICROPHONE SHELVES TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

4.2 ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS TO BE REMOVED, STORED AND REINSTALLED BY THE TRILLIUM DISTRICT SCHOOL BOARD.

 $\left<4.3\right>$ REMOVE & TURN OVER TO OWNER EXISTING EQUIPMENT.

CAREFULLY REMOVE, PROTECT & STORE IN SAFE PLACE EXISTING EQUIPMENT (FRIDGE, MICROWAVE, PRINTER, ETC). WHEN WORK COMPLETE RELOCATE AS PER ARCHITECTURAL DRAWINGS.

5.0: MECHANICAL (REFER TO MECHANICAL DRAWINGS)

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. REPLACE WITH

REMOVE & DISPOSE OF EXISTING SINK AND FAUCET. COMPLETELY REMOVE PLUMBING COMPLETE AND CAP AS PER MECHANICAL DRAWINGS.

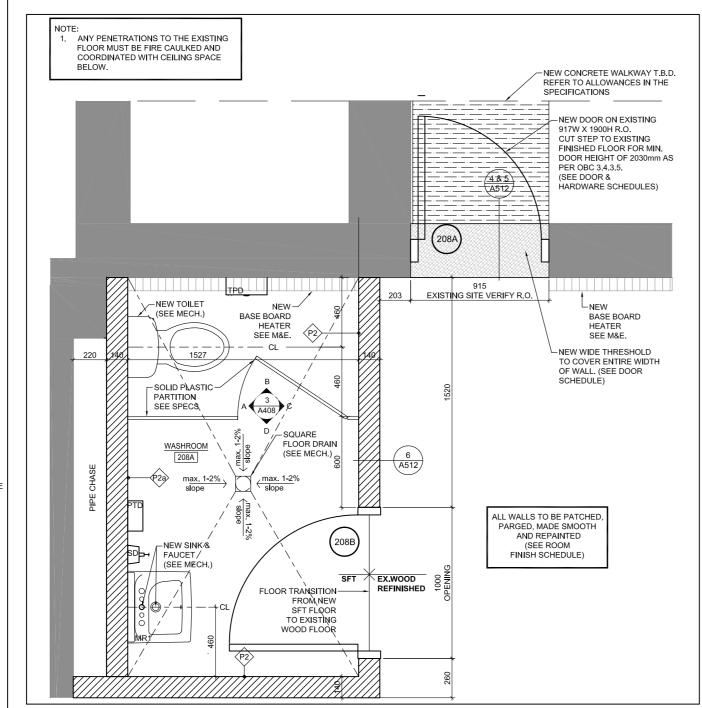
EXISTING RADIATOR COVER TO BE REMOVED, TAKEN FROM SITE, SANDBLASTED & REFINISHED WITH ELECTROSTATIC FINISH PROCESS. RE INSTALL WHEN WORK COMPLETE. ALSO SEE MECHANICAL DRAWINGS.

6.0: ELECTRICAL (REFER TO ELECTRICAL DRAWINGS)

0.1 DISCONNECT & REMOVE ELECTRICAL DEVICES AND FEEDS TO SUIT ELECTRICAL WORK. THEN RECONNECT WHEN WORK COMPLETE AS PER ELECTRICAL DRAWINGS. SURFACE MOUNTED CONDUIT WILL NOT BE ACCEPTED.

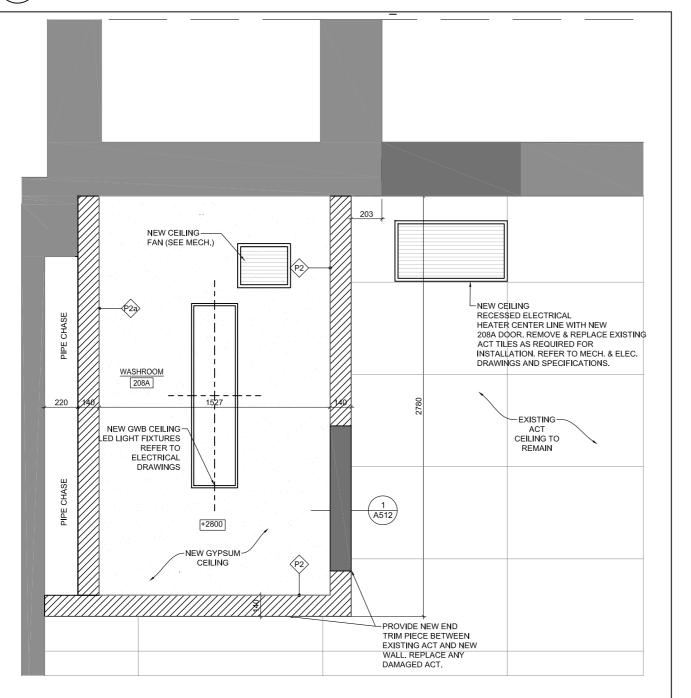
6.2 REMOVE & DISPOSE OF ANY ELECTRICAL FIXTURES AND WIRING AS PER ELECTRICAL DRAWINGS.

6.4 DISCONNECT, REMOVE & RELOCATE TO NEW PRE MANUFACTURED CONTROL PANEL, P.A SYSTEM PHONE & SPEAKER, CLOCK, THERMOSTAT, RECEPTACLE, LIGHT SWITCHES, ETC. ALSO SEE ELECTRICAL DRAWINGS.



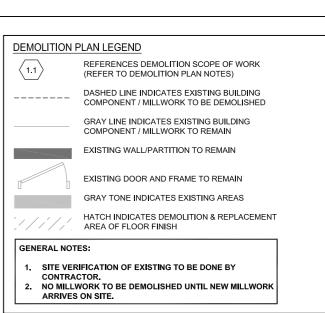
NEW FLOOR PLAN - WASHROOM 208A

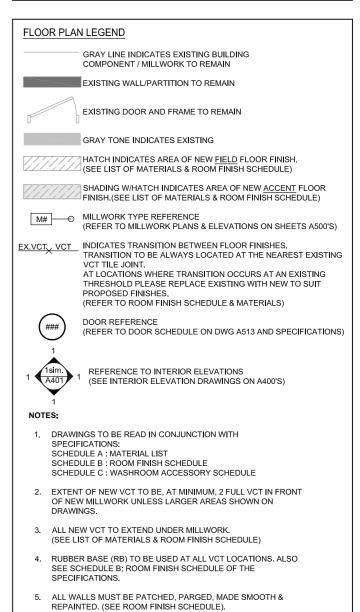
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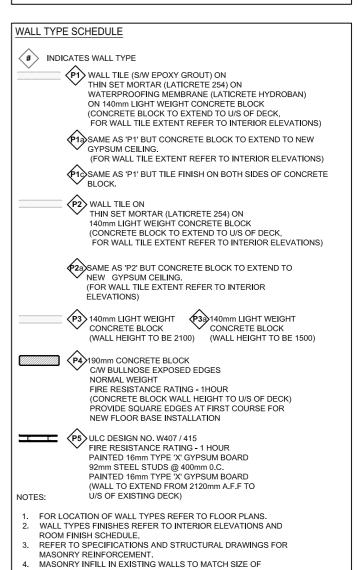


NEW RCP - WASHROOM 208A

J 1 : 25







EXISTING MASONRY AND BE SAW TOOTH INTO EXISTING



24 Morgan Heights Drive, Huntsville, ON, P1H 1B7

T 705 789 8960 W www.lennoxarchitects.com

SUSAN LENNOX

LICENCE

7748

1 March.12/21 Issued for Permit / Tender

KEY PLAN

REVISIONS

No. Date

ARIO ASSOCIATION

A314

CONSTRUCTION NORTH TRUE NORTH

GENERAL NOTE:

 $\langle 3.1 \rangle$

(6.3)

 $\langle 1.1 \rangle$

-EXISTING WINDOWS

3.4

D - SOUTH ELEVATION

TO REMAIN

NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.

(6.3)

EXISTING -WINDOWS

 $\langle 3.7 \rangle \langle 3.4 \rangle$

TO REMAIN



OF ARCHITECTS Z

SUSAN LENNOX
LICENCE

7748

1 March.12/21 Issued for Permit / Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON

> rillium Lakeland

DEMO AND NEW

ELEVATIONS CLASSROOMS

104 & 105

Permit / Tender

S. MARQUES

July, 2020

As indicated

LENNOX ARCHITECTS NO.: 20 002

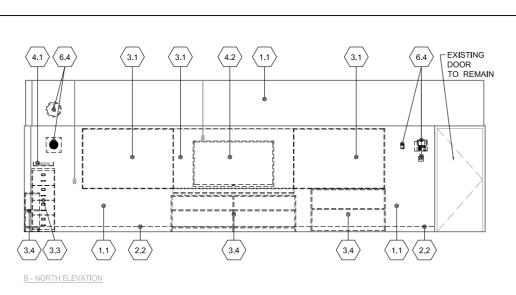
REVIEWED BY: S. LENNOX

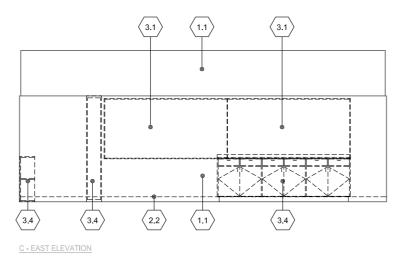
Re-Issued for Tender

KEY PLAN

REVISIONS No. Date

2 Nov.15/21





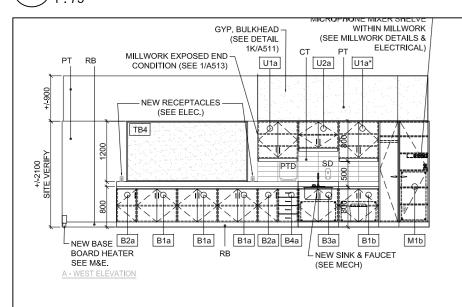
1 DEMO ELEVATION - CLASSROOM 104

3.1

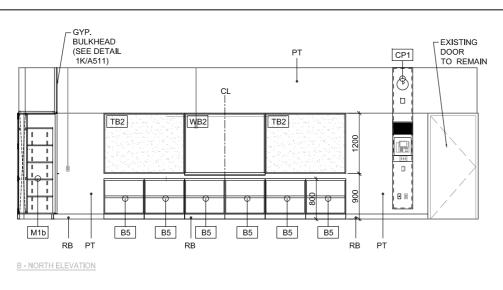
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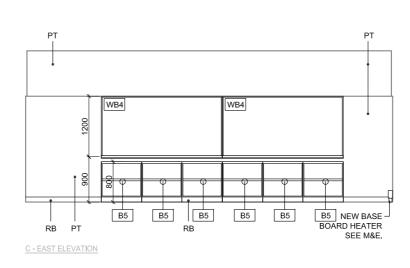
 $\langle 2.2 \rangle \langle 1.1 \rangle$

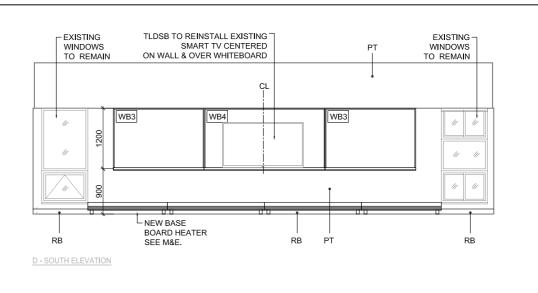
A - WEST ELEVATION



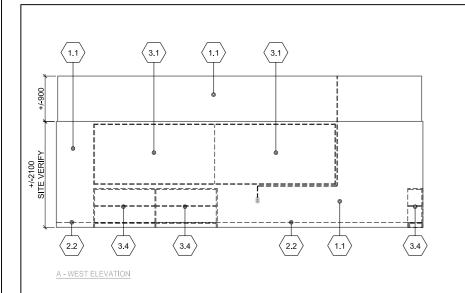
 $\langle 1.1 \rangle \langle 2.2 \rangle$

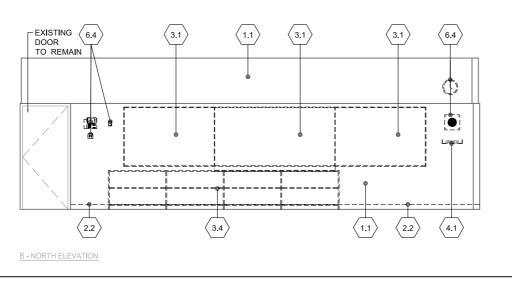


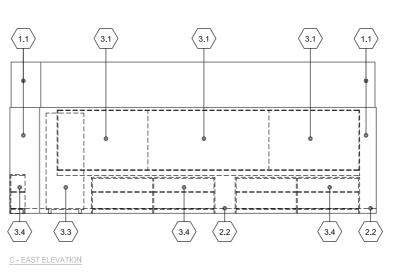


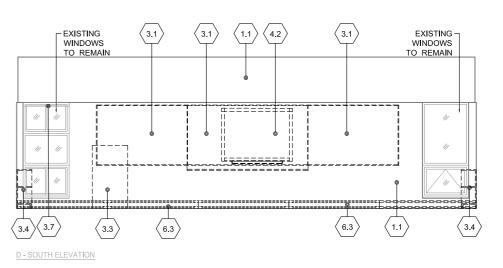


NEW ELEVATION - CLASSROOM 104 1:75

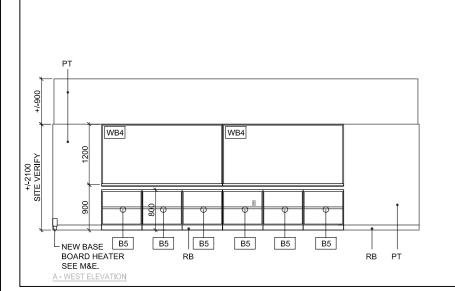


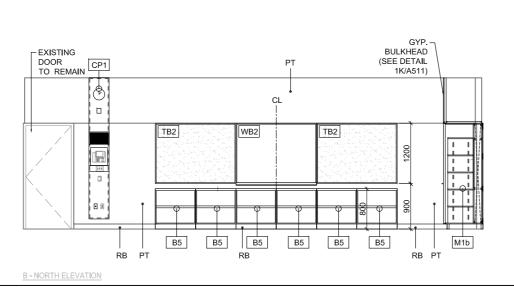


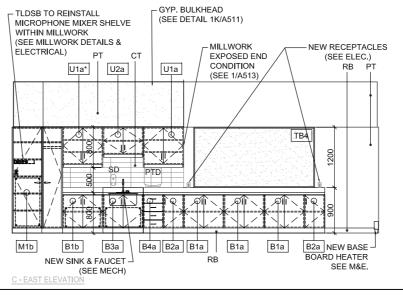


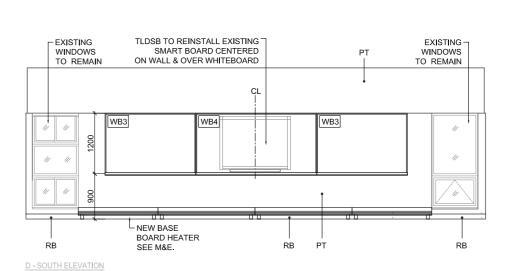


3 DEMO ELEVATION - CLASSROOM 105









CONSTRUCTION NORTH

ON TRUE NORTH

SHEET NUMBER:

PHASE:

SCALE:

DRAWN BY:

A401

4 NEW ELEVATION - CLASSROOM 105

GENERAL NOTE: NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM.

Barrara and

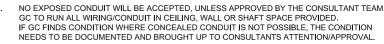
 $\langle 3.1 \rangle$

(6.3)

-EXISTING

 $\langle 3.4 \rangle$

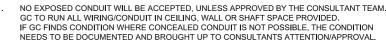
TO REMAIN



---========

 $\langle 6.3 \rangle$

EXISTING -WINDOWS TO REMAIN







KEY PLAN

REVISIONS No. Date

2 Nov.15/21

1 March.12/21 Issued for Permit / Tender

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rillium

DEMO AND NEW

ELEVATIONS CLASSROOMS

109 & 110

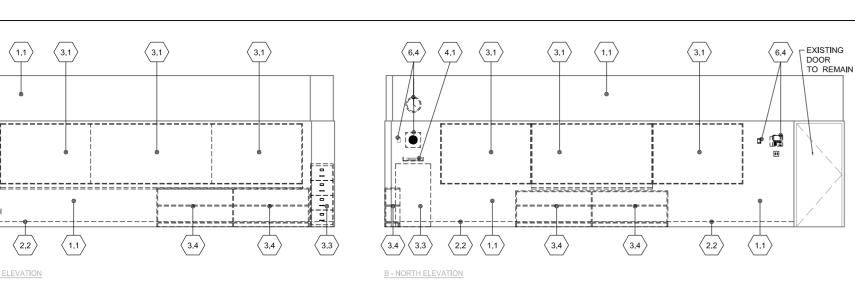
DRAWN BY: S. MARQUES

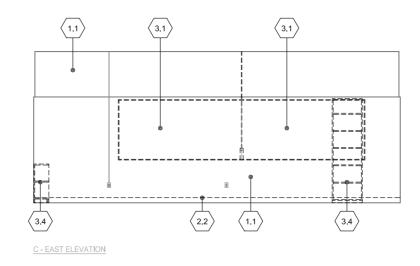
REVIEWED BY: S. LENNOX

Permit / Tender

Lakeland

Re-Issued for Tender





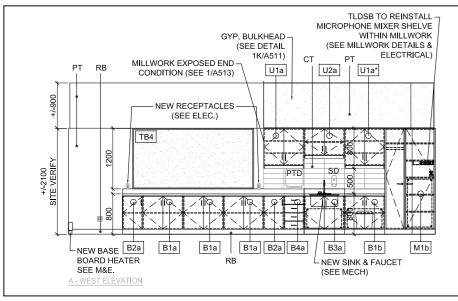
\DEMO ELEVATION - CLASSROOM 109 J1:75

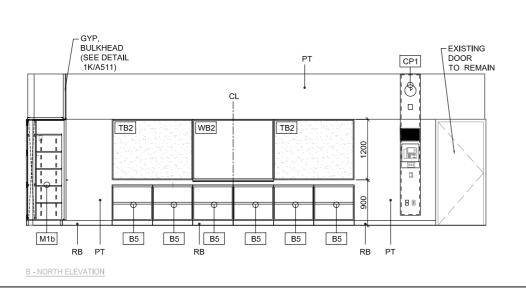
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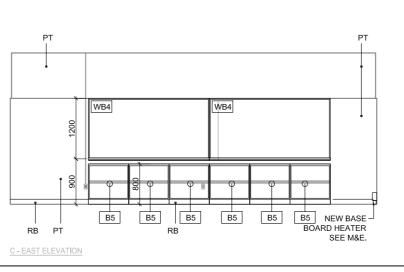
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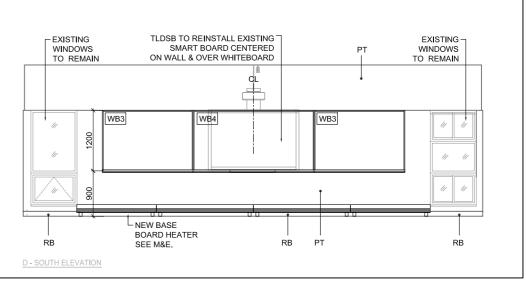
A - WEST ELEVATION

3.1

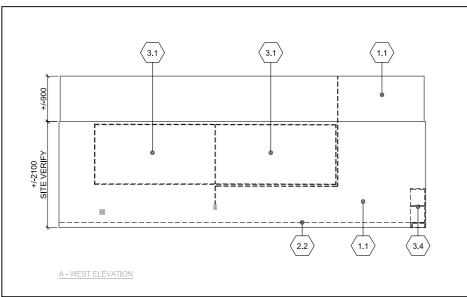


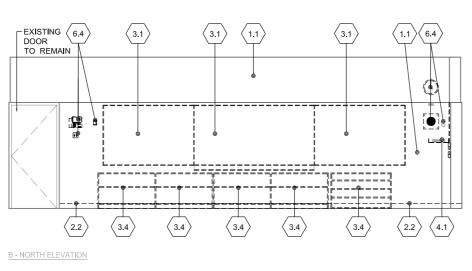


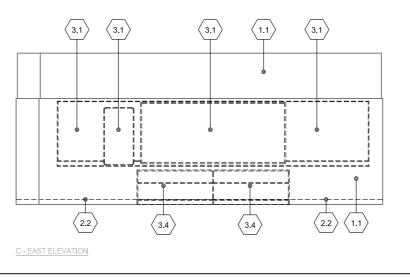


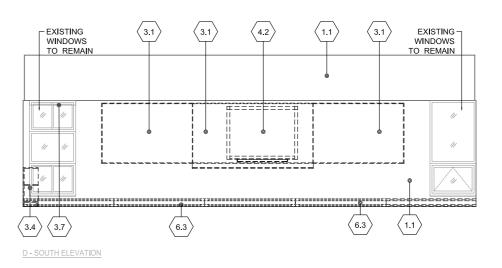


NEW ELEVATION - CLASSROOM 109 J1:75

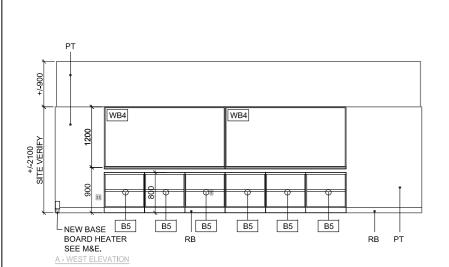


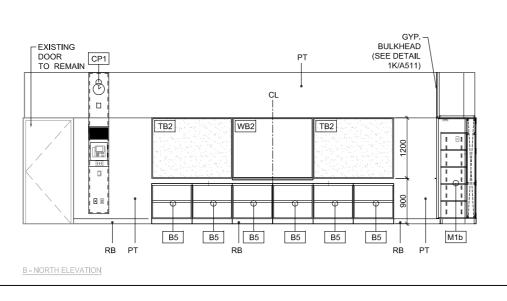


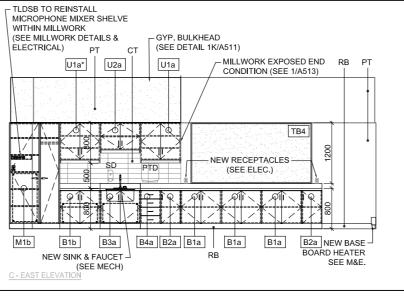


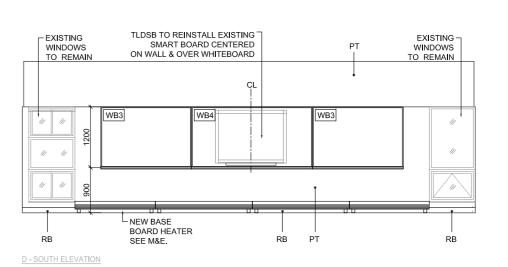


DEMO ELEVATION - CLASSROOM 110 [/]1:75









TRUE NORTH

July, 2020

As indicated

LENNOX ARCHITECTS NO.: 20 002

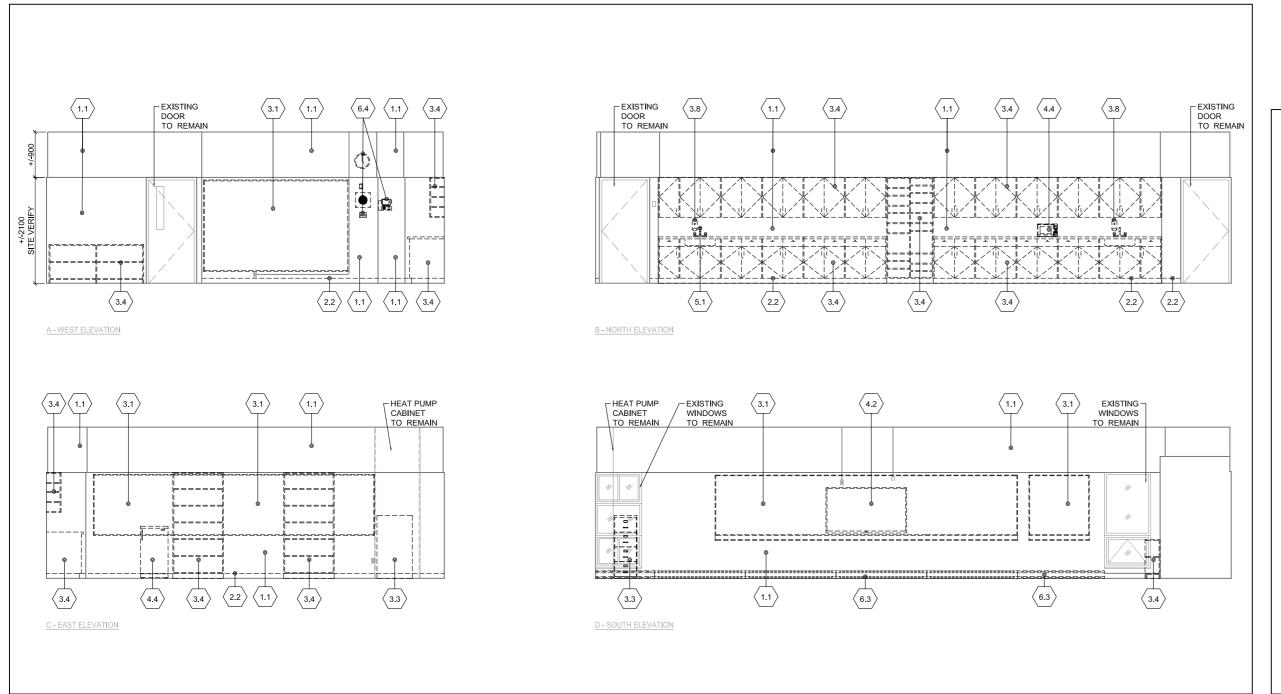
SHEET NUMBER:

PHASE:

SCALE:

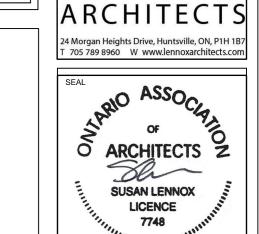
A402

NEW ELEVATION - CLASSROOM 110 1 75



GENERAL NOTE:

NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.



KEY PLAN

2.2 3.4 2.2 A - WEST ELEVATION B - NORTH ELEVATION EXISTING DOOR TO 6.4 3.4 REMAIN-3.4 3.4 (2.2) 3.4 C - EAST ELEVATION D - SOUTH ELEVATION

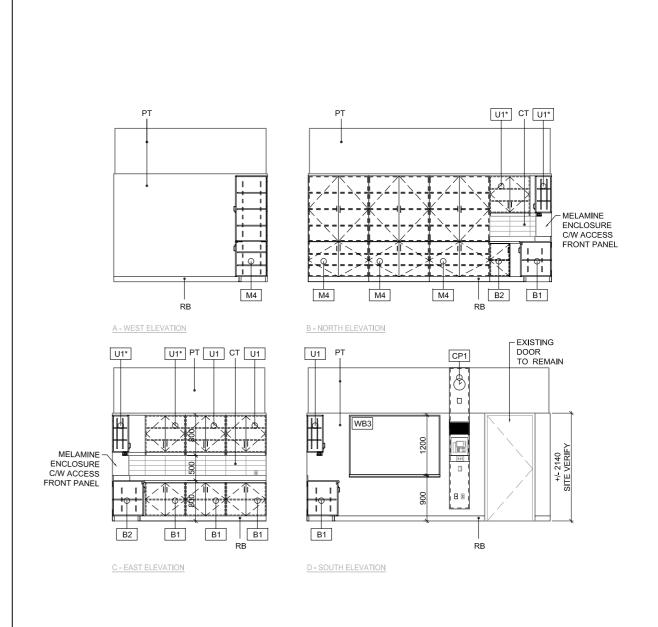
REVISIONS

No. Date Description

1 March.12/21 Issued for Permit / Tender

2 Nov.15/21 Re-Issued for Tender

3 DEMO ELEVATION - STORAGE 125



J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO AND NEW
ELEVATIONS
CLASSROOMS 129
& STORAGE 125

PHASE: Permit / Tender

DRAWN BY: S. MARQUES

REVIEWED BY: S. LENNOX

DATE: July, 2020

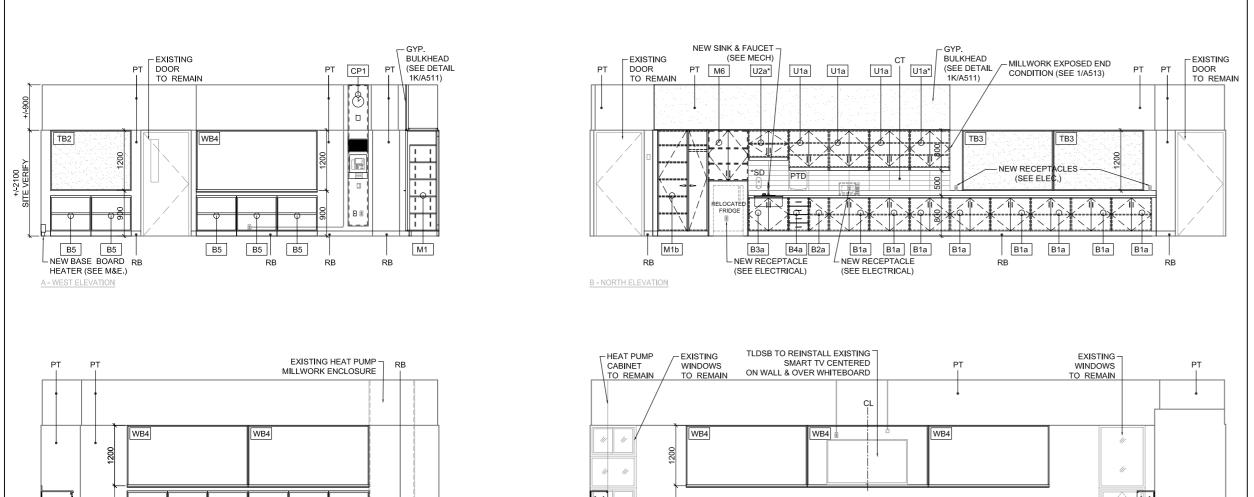
SCALE: As indicated

LENNOX ARCHITECTS NO.: 20 002

CONSTRUCTION TRUE NORTH

SHEET NUMBER:

A403



B5

D - SOUTH ELEVATION

L NEW BASE

BOARD HEATER SEE M&E.

4 NEW ELEVATION - STORAGE 125

B5

SHEET SIZE: A2 (16.5" X 23.4") (420mm X 594mm)

1:75

B1

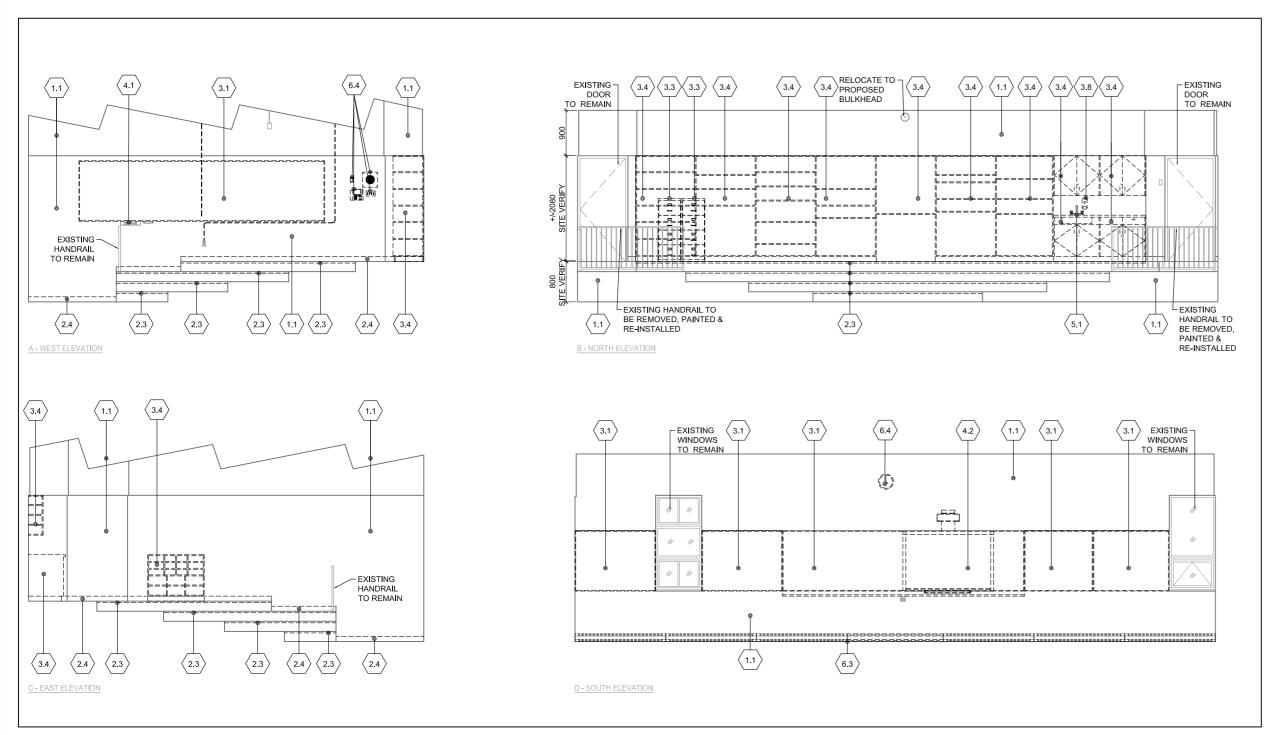
C - EAST ELEVATION

\DEMO ELEVATION - CLASSROOM 129

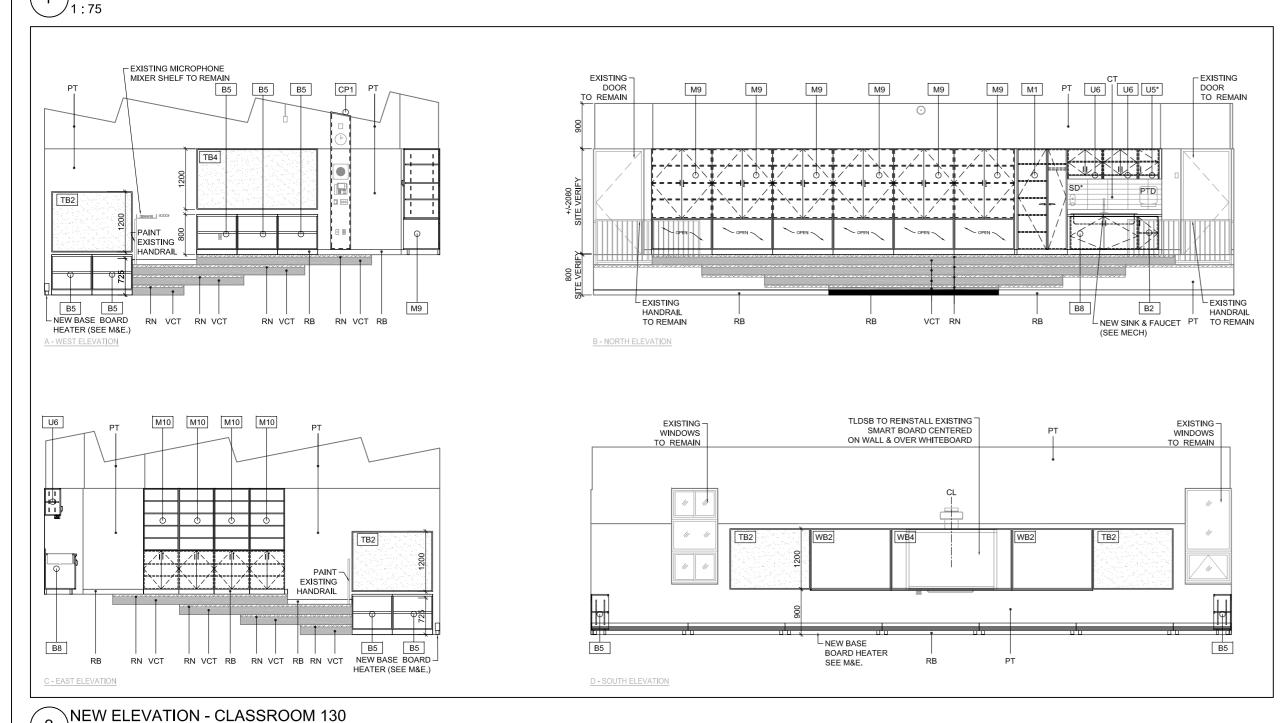
B5 B5 B5 B5 B5

NEW ELEVATION - CLASSROOM 129

HEATER (SEE M&E.)



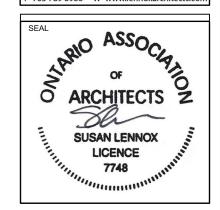
DEMO ELEVATION - CLASSROOM 130



GENERAL NOTE:

. NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.





KEY PLAN

RE∖	ISIONS/	
No.	Date	Description
1	March.12/21	Issued for Permit / Tender
2	Nov.15/21	Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO AND NEW ELEVATIONS CLASSROOMS 130

Permit / Tender

DRAWN BY: S. MARQUES

REVIEWED BY: S. LENNOX

DATE: July, 2020

SCALE: As indicated

LENNOX ARCHITECTS NO.: 20 002

PHASE:

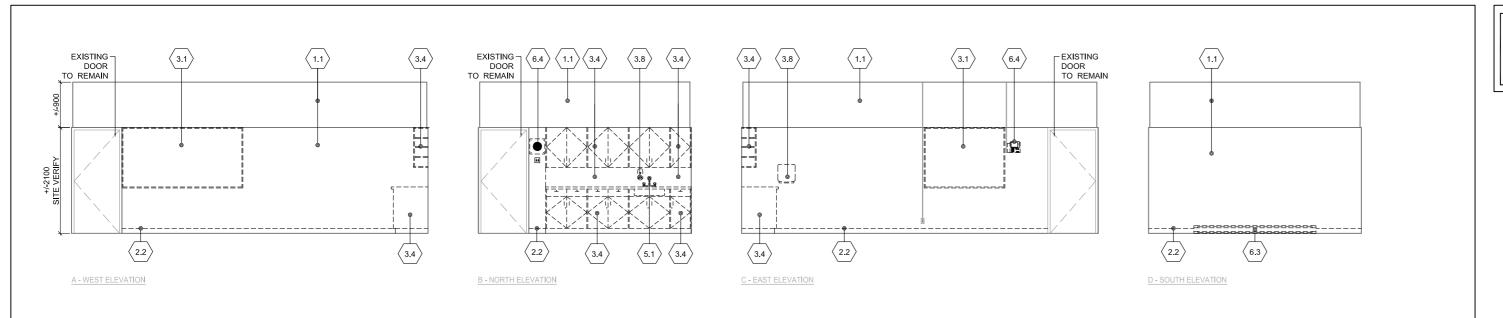
CONSTRUCTION NORTH



SHEET NUMBER:

A404

[/]1:75



GENERAL NOTE:

NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED.
IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION
NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.

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KEY PLAN

REVISIONS No. Date 1 March.12/21 Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

> J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO AND NEW ELEVATIONS STAFF RM. 132 &

CONFERENCE 102

PHASE: Permit / Tender DRAWN BY: S. MARQUES

REVIEWED BY: S. LENNOX

July, 2020 As indicated SCALE:

LENNOX ARCHITECTS NO.: 20 002

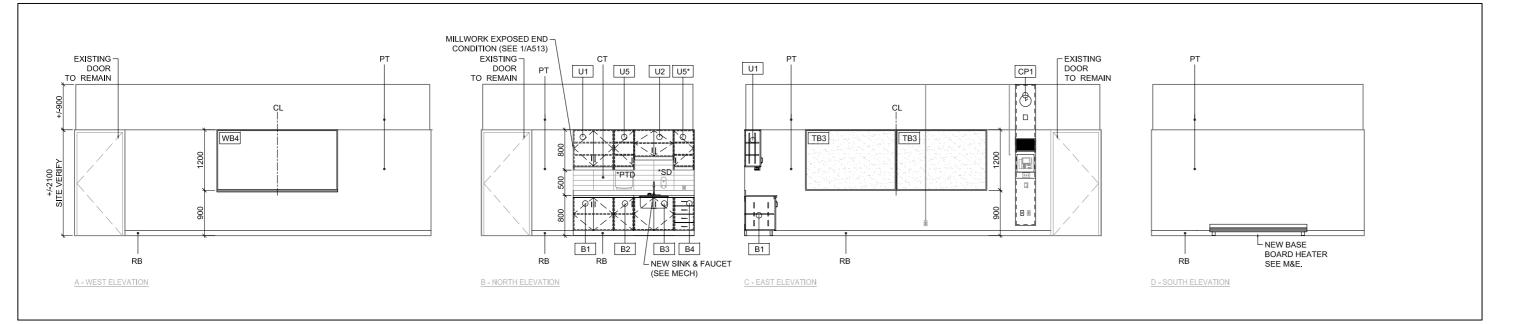
TRUE NORTH

SHEET NUMBER:

A405

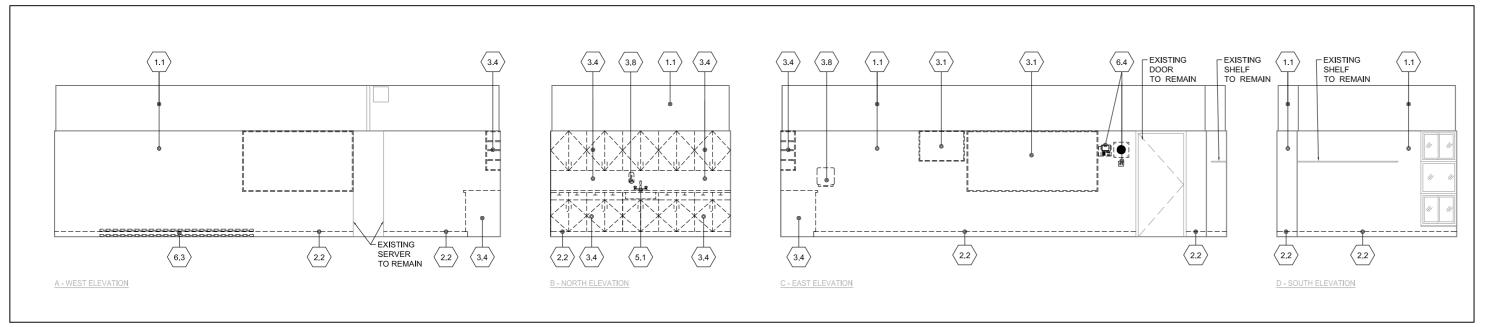
DEMO ELEVATION - STAFF ROOM 132

) 1 : 75

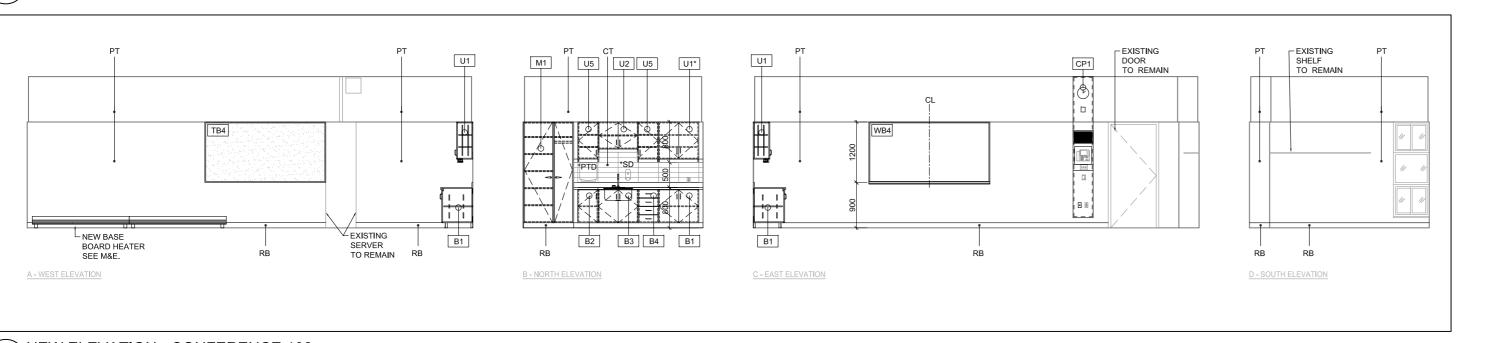


NEW ELEVATION - STAFF ROOM 132 2

1:75

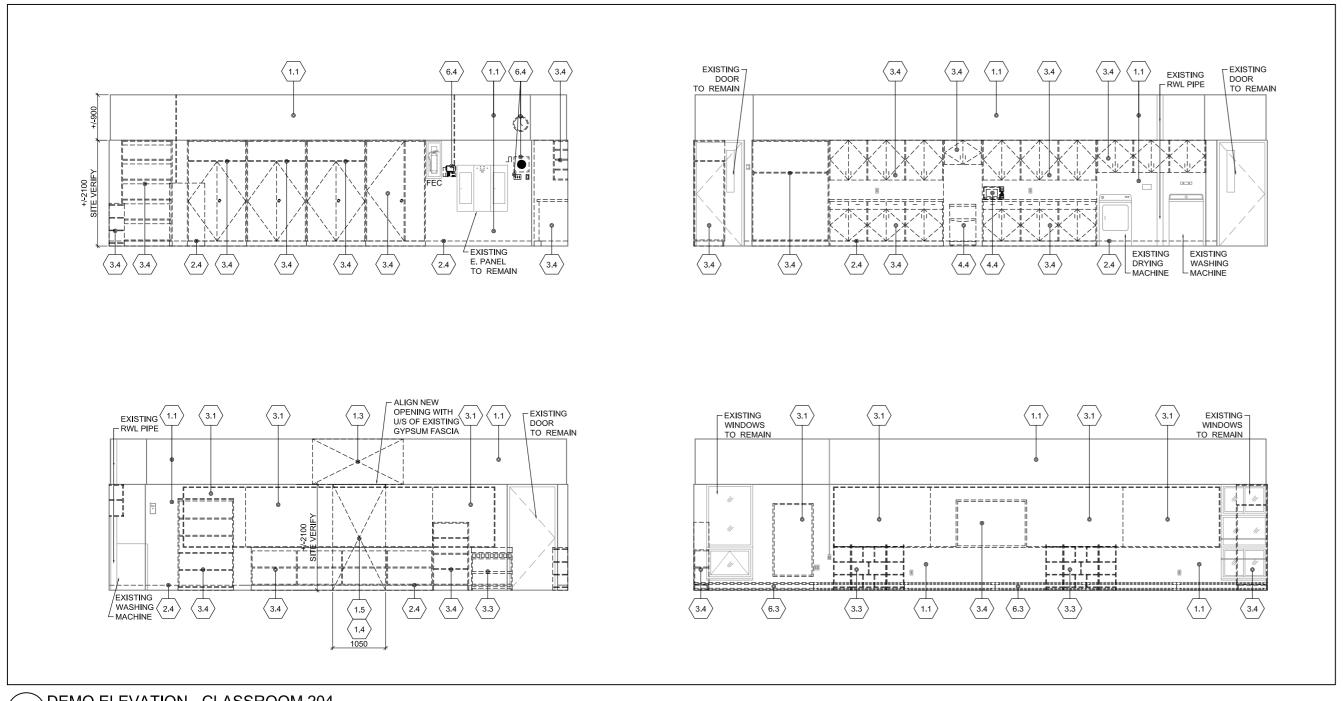


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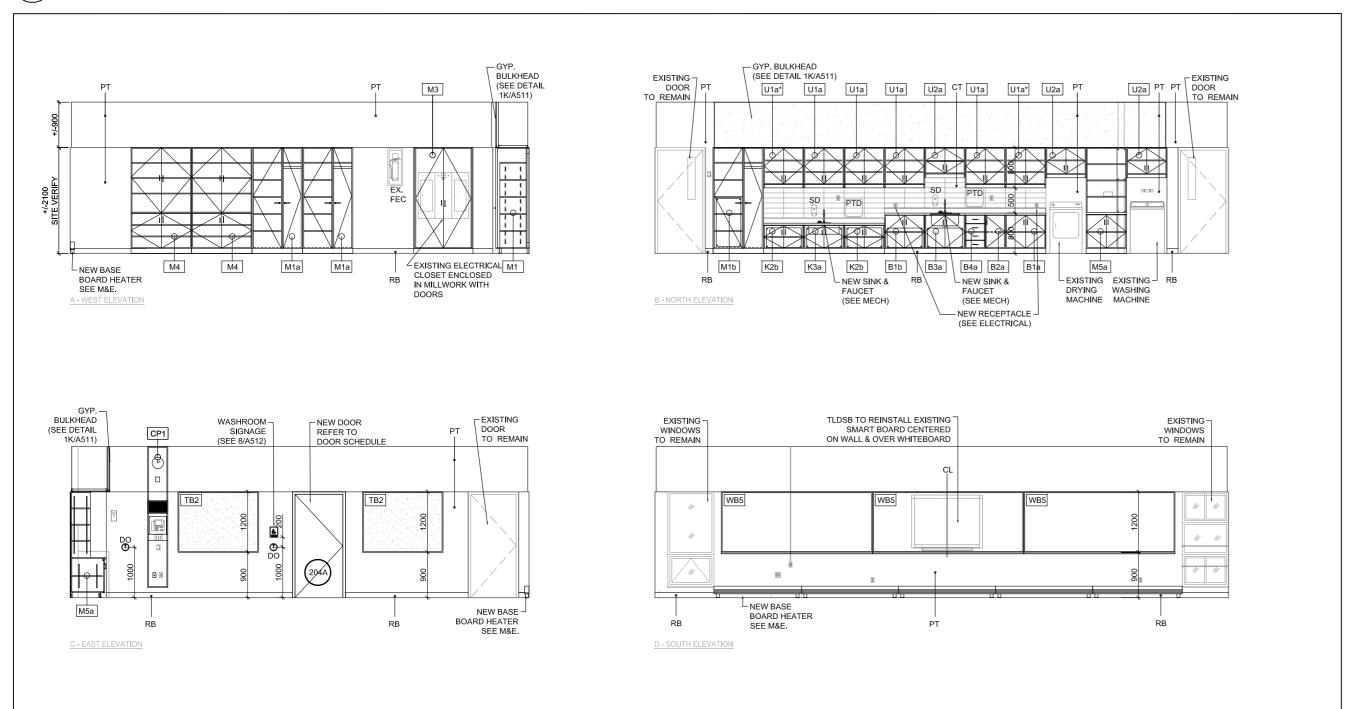
NEW ELEVATION - CONFERENCE 102

[/]1:75



DEMO ELEVATION - CLASSROOM 204

1:75

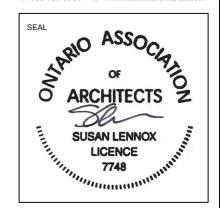


GENERAL NOTE:

. NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.



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KEY PLAN

	/ISIONS	
No.	Date	Description
1	March.12/21	Issued for Permit / Tender
2	Nov.15/21	Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



SHEET TITLE

DEMO AND NEW ELEVATIONS PALS ROOM 204

Permit / Tender

DRAWN BY: S. MARQUES

REVIEWED BY: S. LENNOX

DATE: July, 2020

SCALE: As indicated

LENNOX ARCHITECTS NO.: 20 002



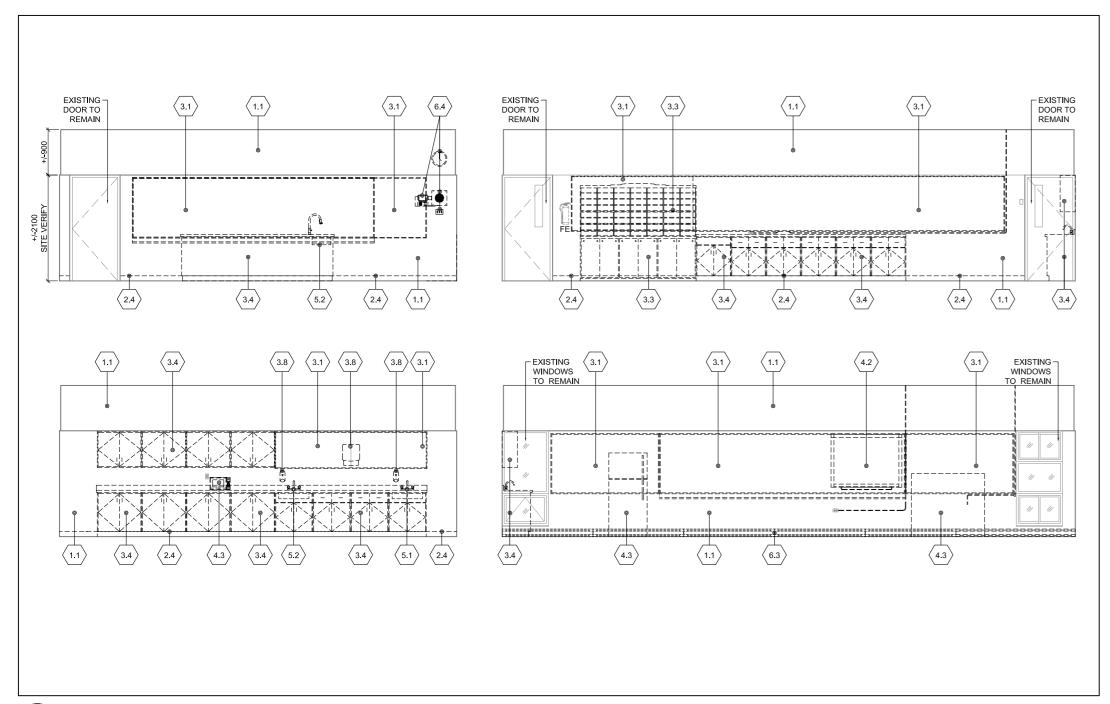


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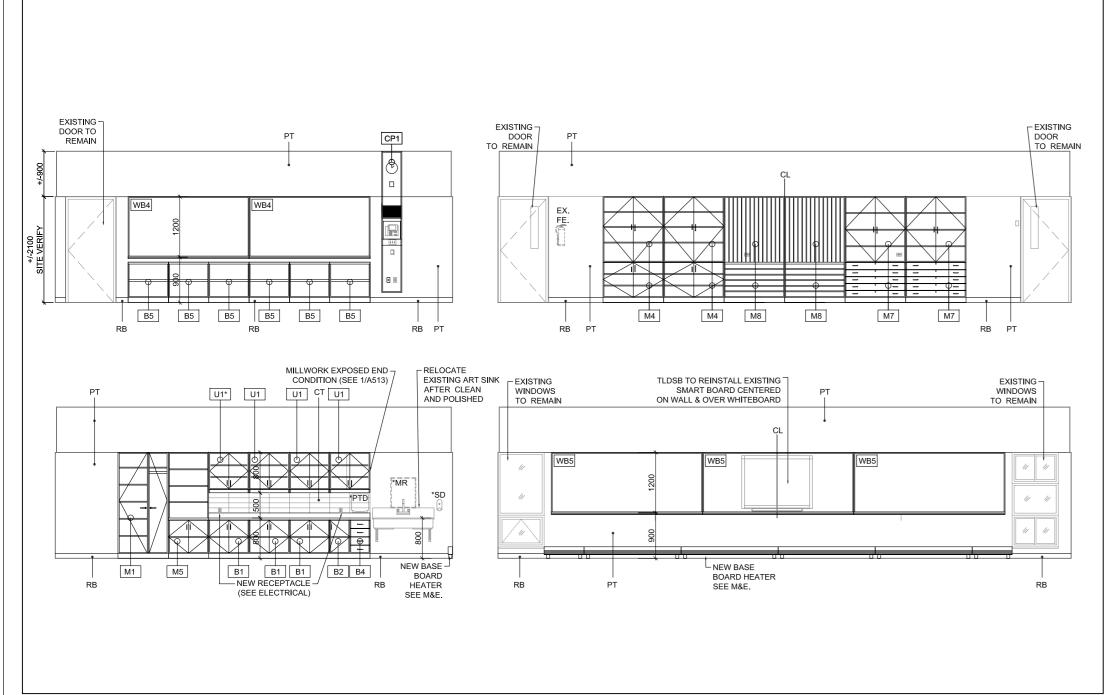
A406

NEW ELEVATION - PALS ROOM 204

1:75



\DEMO ELEVATION - CLASSROOM 206



NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE. THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL



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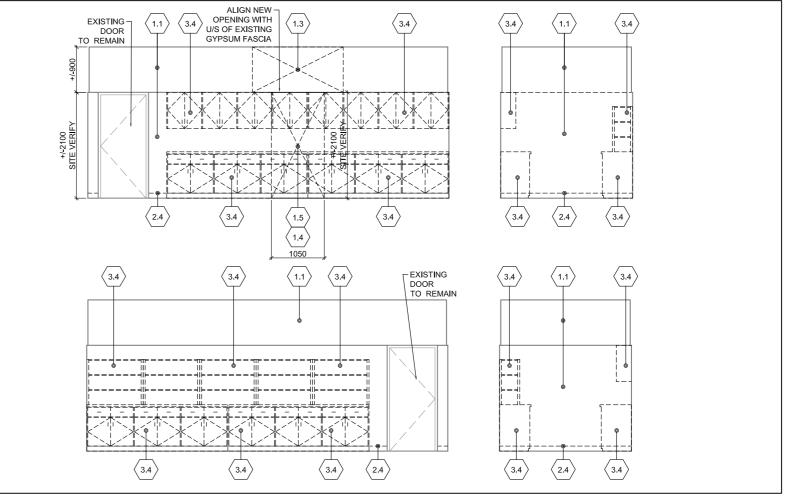
KEY PLAN

REVISIONS No. Date

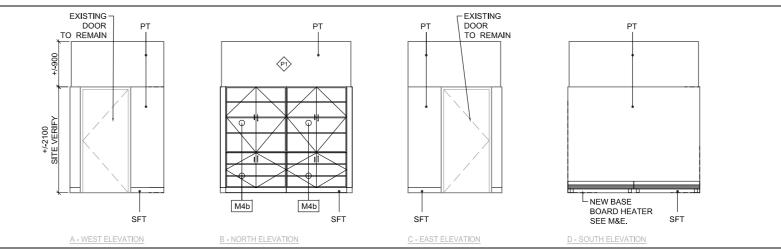
March.12/21

2 Nov.15/21

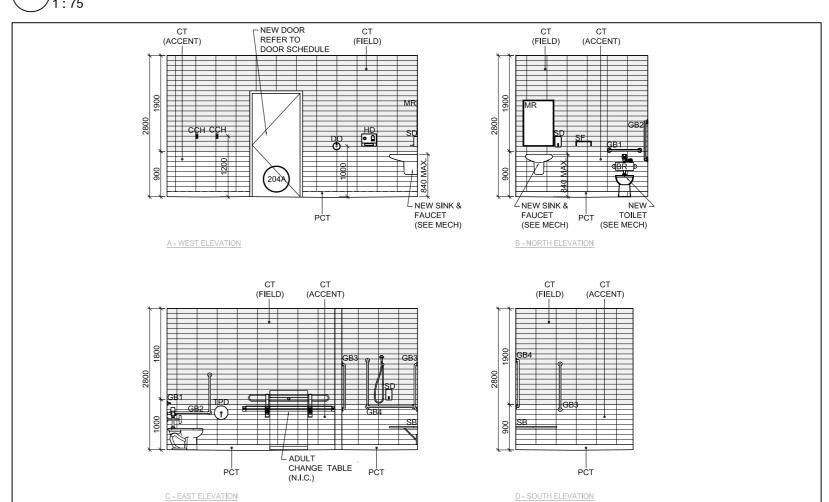
Re-Issued for Tender



\DEMO ELEVATION - STORAGE 206A



NEW ELEVATION - STORAGE 206A



NEW ELEVATION - UNIVERSAL WASHROOM 204A

J. Douglas Hodgson E.S. Door/Screen & Millwork



DEMO AND NEW ELEVATIONS CLASS. 206, STOR. 206A & UNIV. WR. 204A

Permit / Tender DRAWN BY: S. MARQUES REVIEWED BY: S. LENNOX July, 2020 As indicated SCALE: LENNOX ARCHITECTS NO.: 20 002



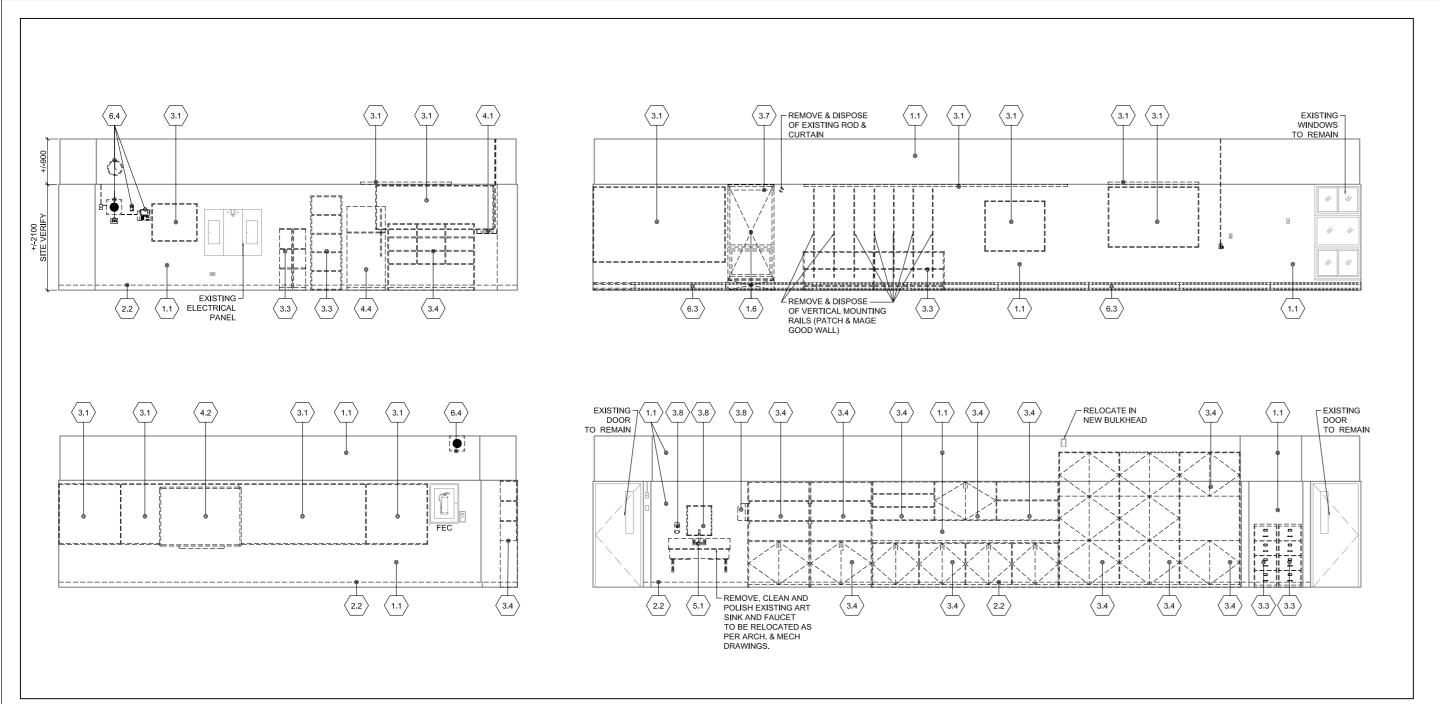


SHEET NUMBER:

A407

J 1 : 75

NEW ELEVATION - CLASSROOM 206

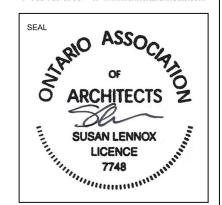


GENERAL NO

 NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.



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KEY PLAN

No.	Date	Description
1	March.12/21	Issued for Permit / Tender
2	Nov.15/21	Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO AND NEW
ELEVATIONS
CLASSROOM 208
& WASHROOM 208A

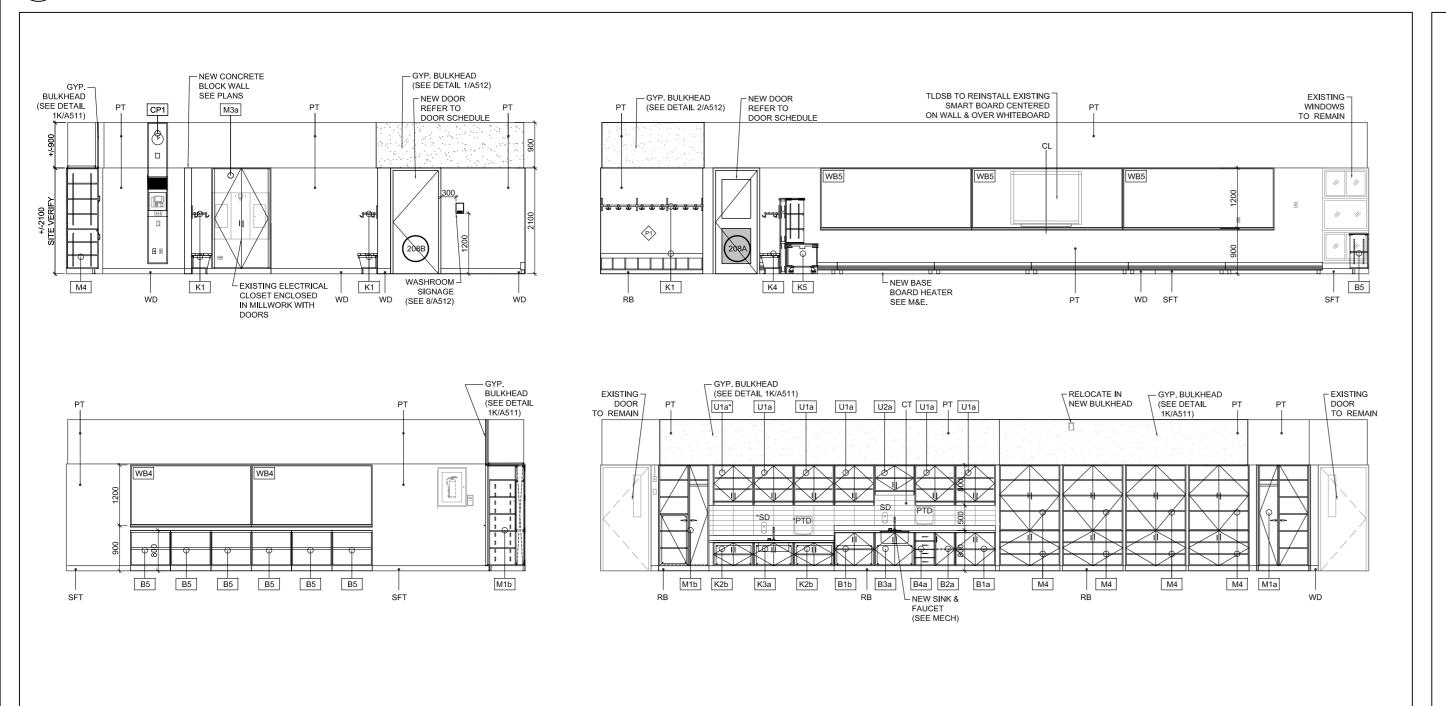
	PHASE:	Permit / Ter	nder
	DRAWN BY:	S. MARQUI	ΞS
	REVIEWED BY:	S. LENNOX	
	DATE:	July, 2020	
	SCALE:	As indicated	t
	LENNOX ARCHITI	ECTS NO.:	20 002

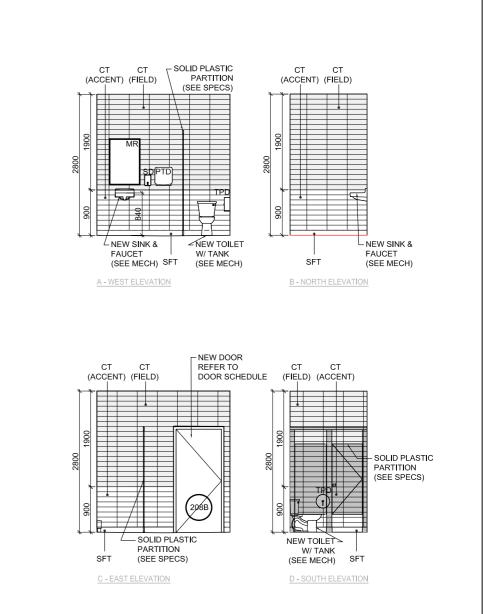


SHEET NUMBER:

A408

1 DEMO ELEVATION - CLASSROOM 208





NEW ELEVATION - WASHROOM 208A 1:75

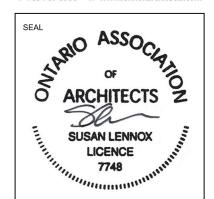
NEW ELEVATION - CLASSROOM 208

GENERAL NOTE: NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE. THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL

EXISTING 7 DOOR TO REMAIN



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KEY PLAN

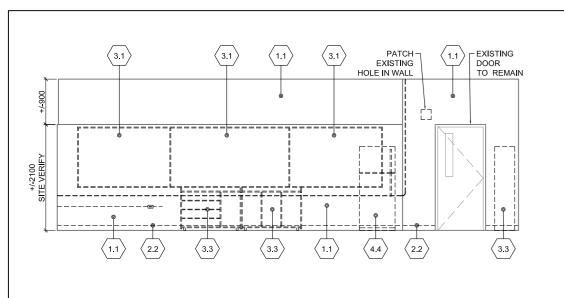
REVISIONS No. Date

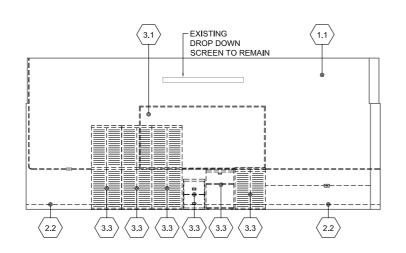
March.12/21

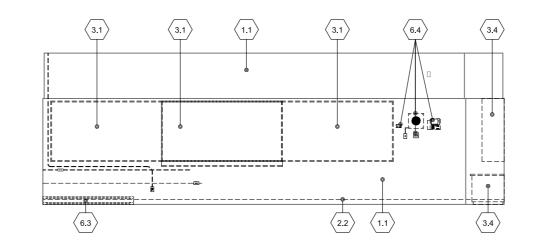
2 Nov.15/21

Re-Issued for Tender

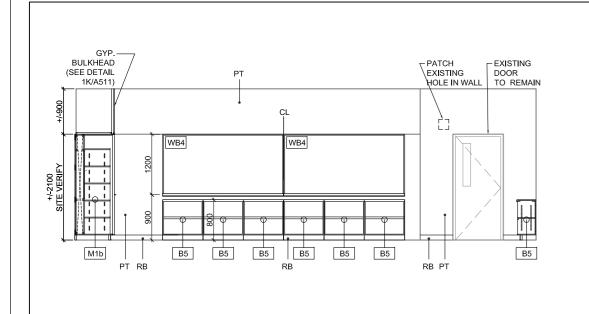
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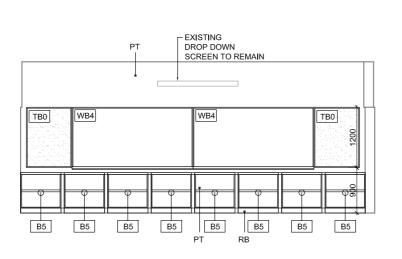


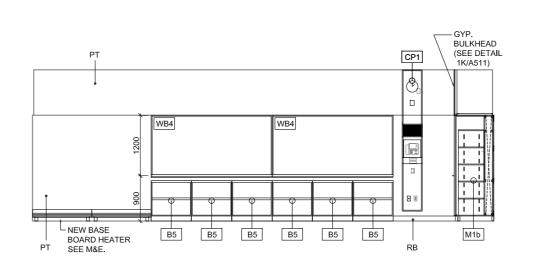


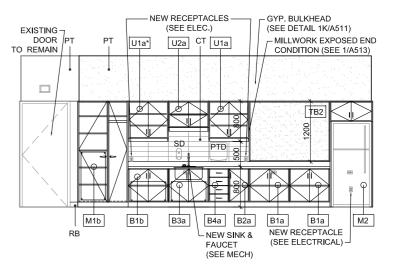






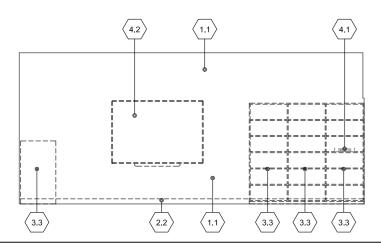


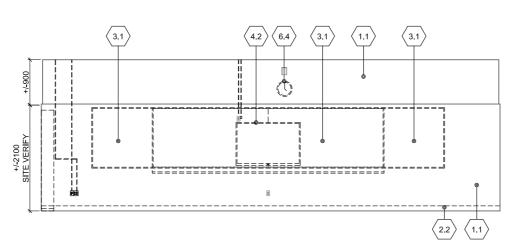


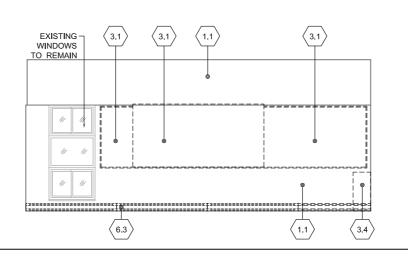


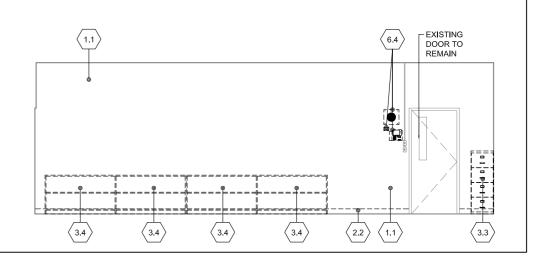
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NEW ELEVATION - CLASSROOM 209

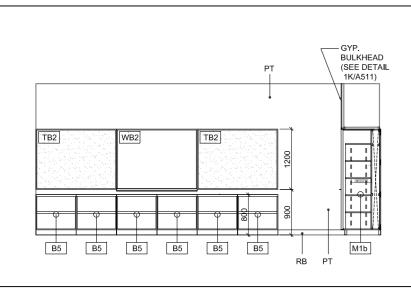


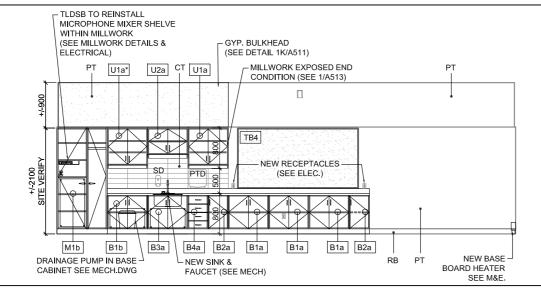


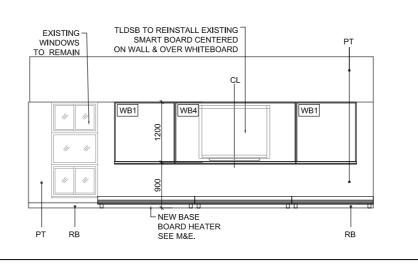


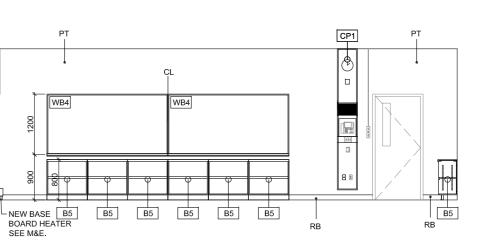


DEMO ELEVATION - CLASSROOM 210









J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO AND NEW ELEVATIONS CLASSROOMS 209 & 210

l	PHASE:	Permit / Ter	nder
	DRAWN BY:	S. MARQUE	ES
	REVIEWED BY:	S. LENNOX	
	DATE:	July, 2020	
	SCALE:	As indicated	i
	LENNOX ARCHITE	ECTS NO.:	20 002



SHEET NUMBER: A409

NEW ELEVATION - CLASSROOM 210 /1:75

GENERAL NOTE:

1. NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM.
GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED.
IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.

2.2 \(1.1 \)



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KEY PLAN

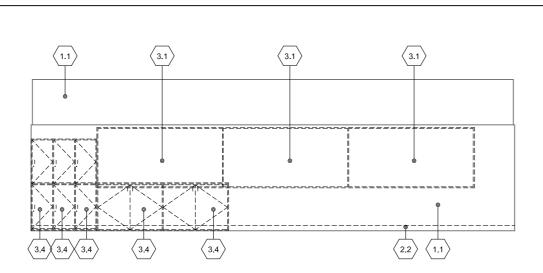
REVISIONS

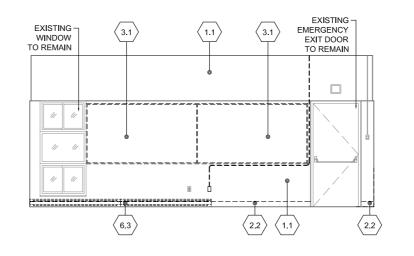
No. Date

1 March 12/21

2 Nov.15/21

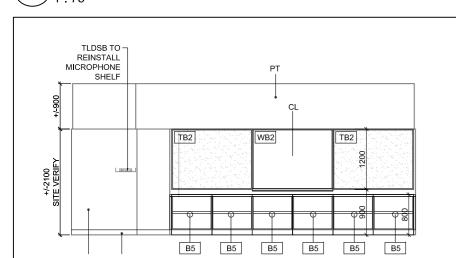
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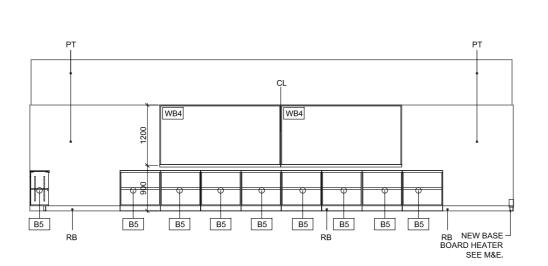


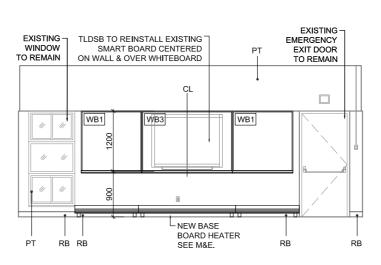


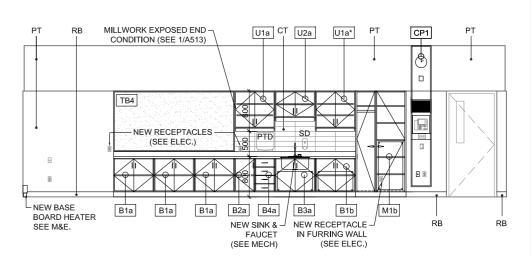
1 DEMO ELEVATION - CLASSROOM 211

 $\langle 3.3 \rangle$









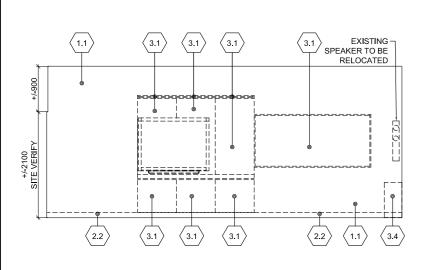
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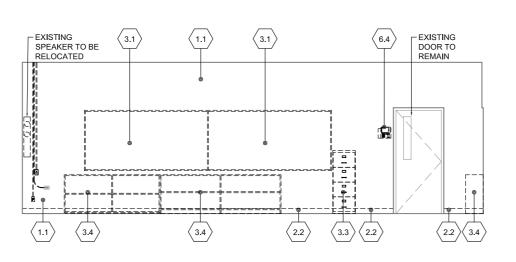
6.3

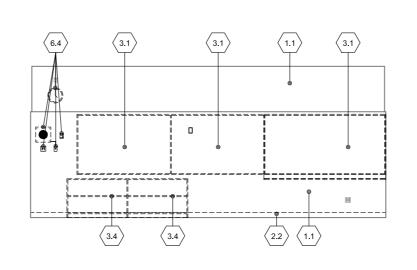
NEW ELEVATION - CLASSROOM 211

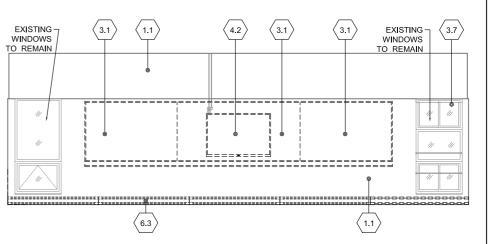
1:7

3.3



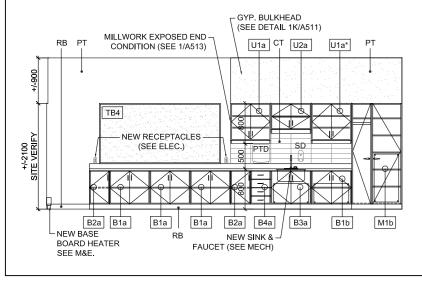


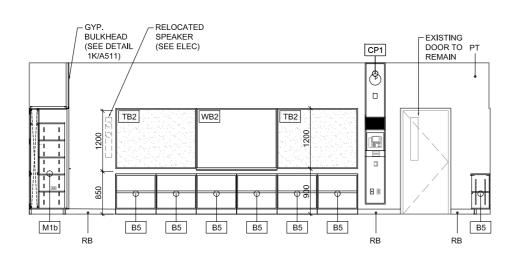


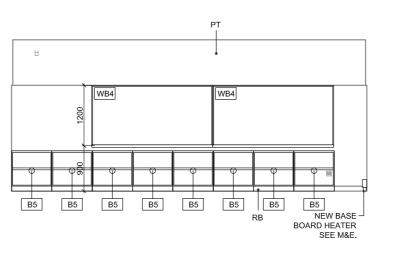


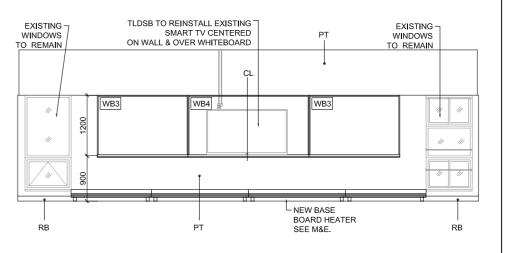
DEMO ELEVATION - CLASSROOM 227

 $\frac{1 \cdot 75}{1 \cdot 75}$









PROJECT
J. Douglas Hodgson E.S.
Door/Screen & Millwork
Renovations
1020 Grass Lake Road, Halliburton, ON



DEMO AND NEW
ELEVATIONS
CLASSROOMS

SHEET TITLE

PHASE: Permit 7 Tender

DRAWN BY: S. MARQUES

REVIEWED BY: S. LENNOX

DATE: July, 2020

SCALE: As indicated

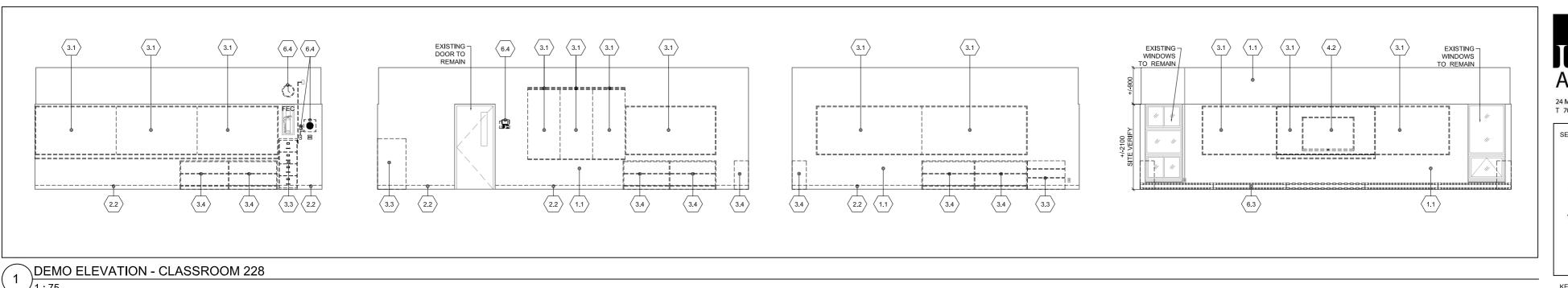
LENNOX ARCHITECTS NO.: 20 002



SHEET NUMBER:

A410

4 NEW ELEVATION - CLASSROOM 227



BULKHEAD (SEE DETAIL 1K/A511)

U1a* U2a CT U1a PT

- NEW SINK &

FAUCET (SEE MECH)



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KEY PLAN

EXISTING — WINDOWS TO REMAIN

L NEW BASE BOARD HEATER SEE M&E.

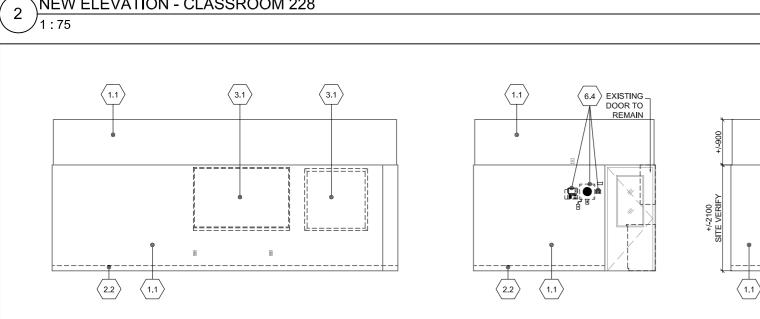


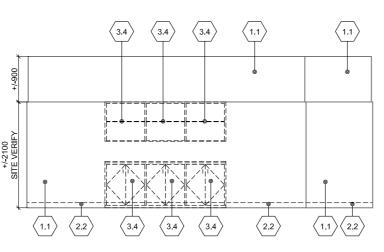


NEW ELEVATION - CLASSROOM 228

BOARD HEATER SEE M&E.

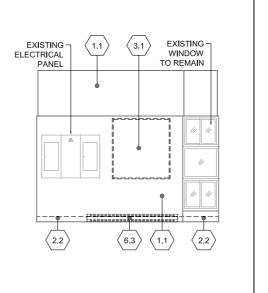
B5 B5 B5 B5 B5





GYP. – BULKHEAD (SEE DETAIL 1K/A511)

B5 B5 B5 B5 B5

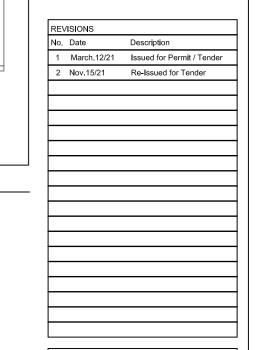


_ MILLWORK EXPOSED END

CONDITION (SEE 1/A513)

- NEW RECEPTACLES (SEE ELEC.)

BOARD HEATER SEE M&E.



J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO AND NEW ELEVATIONS CLASSROOM 228 & MEETING ROOM 230

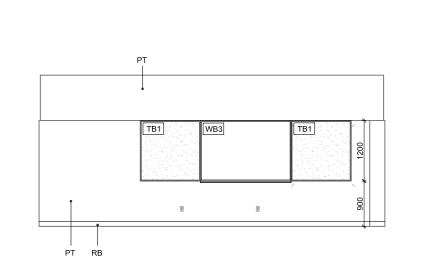
PHASE:	Permit / Ter	nder
DRAWN BY:	S. MARQUE	ES
REVIEWED BY:	S. LENNOX	
DATE:	July, 2020	
SCALE:	As indicated	i
LENNOX ARCHITE	ECTS NO.:	20 002

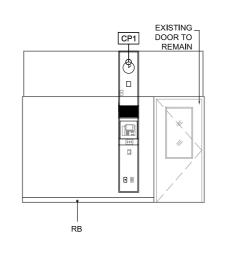
TRUE NORTH

SHEET NUMBER:

A411

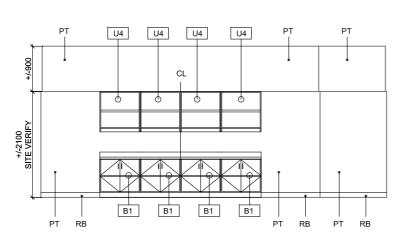


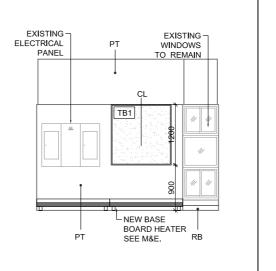




EXISTING -DOOR TO REMAIN

CP1





NEW ELEVATION - MEETING ROOM 230

NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED.

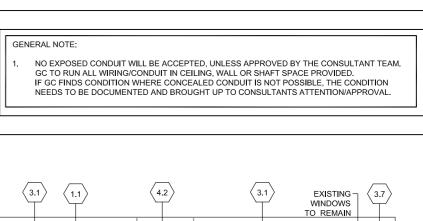
IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL

GENERAL NOTE:

TLDSB TO REINSTALL EXISTING SMART TV CENTERED ON WALL & OVER WHITEBOARD

EXISTING :

WINDOWS TO REMAIN



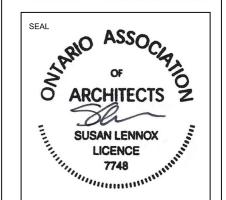
1.1

6.3

EXISTING -WINDOWS TO REMAIN



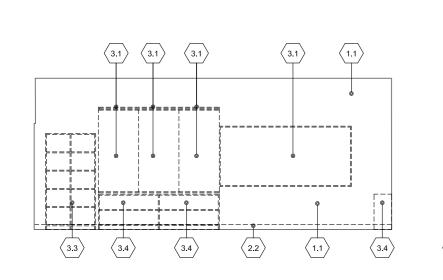
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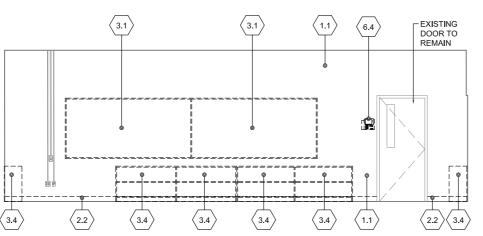


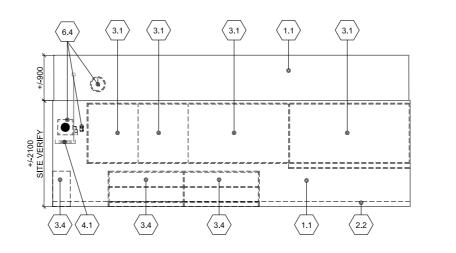
KEY PLAN

March.12/21

Issued for Permit / Tender Re-Issued for Tender

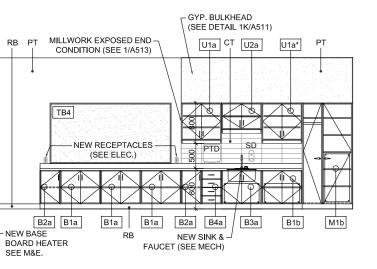


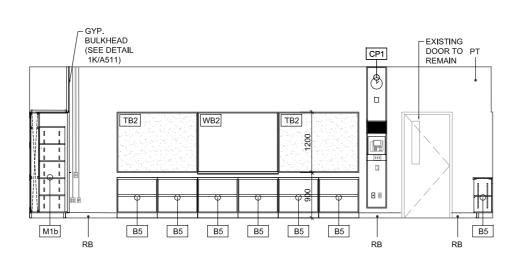


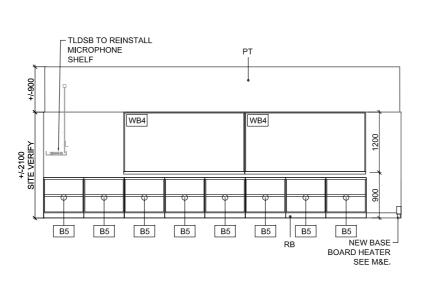


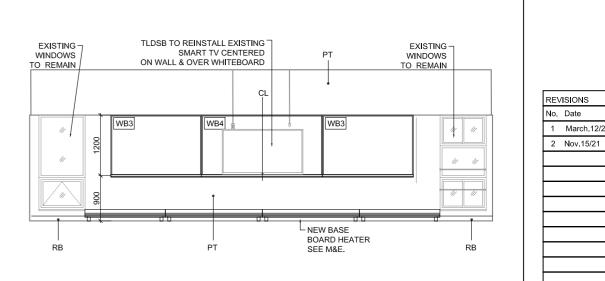
DEMO ELEVATION - CLASSROOM 232



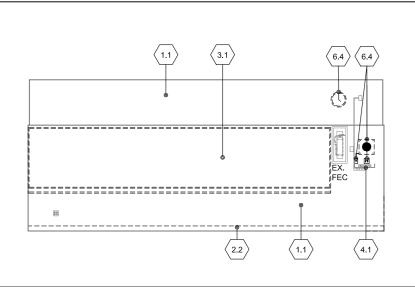


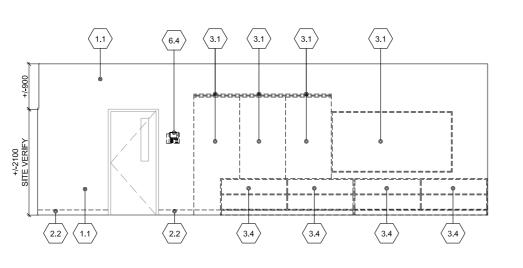


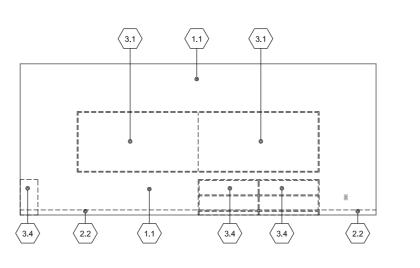


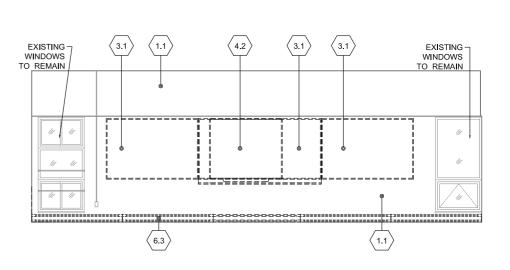


NEW ELEVATION - CLASSROOM 232

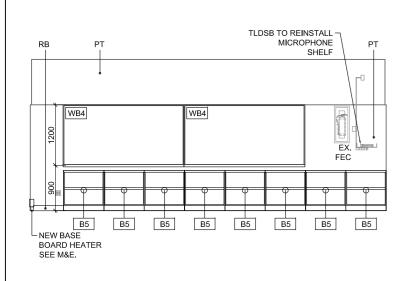


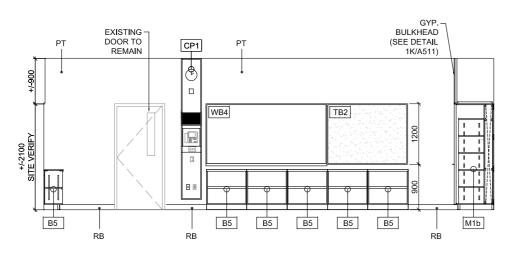


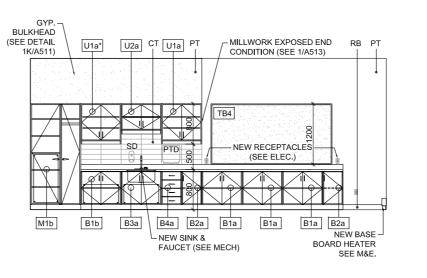


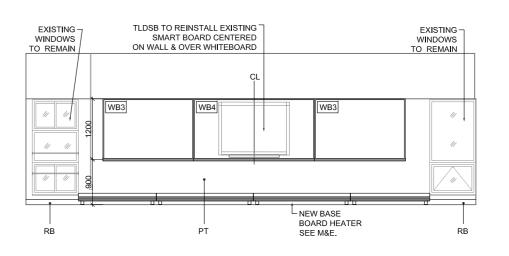


DEMO ELEVATION - CLASSROOM 233









J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



DEMO AND NEW ELEVATIONS CLASSROOMS 232 & 233

	PHASE:	Permit / Ter	nder
	DRAWN BY:	S. MARQUI	ΞS
	REVIEWED BY:	S. LENNOX	(
	DATE:	July, 2020	
	SCALE:	As indicated	t
	LENNOX ARCHITE	ECTS NO.:	20 002
l			

SHEET NUMBER:

A412

NEW ELEVATION - CLASSROOM 233 /1:75

GENERAL NOTE:

NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.



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Issued for Permit / Tender
Re-Issued for Tender

KEY PLAN

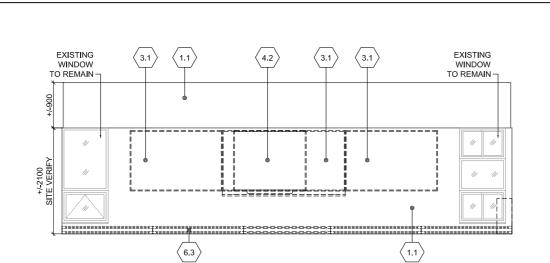
REVISIONS

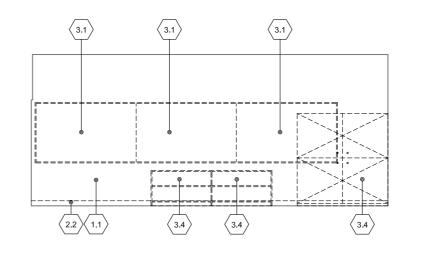
No. Date

1 March 12/21

2 Nov.15/21

EXISTING DOOR TO REMAIN





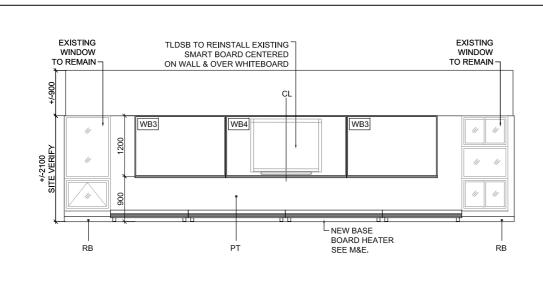
1 DEMO ELEVATION - CLASSROOM 235

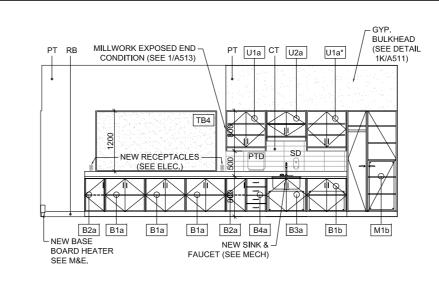
TLDSB TO REINSTALL MICROPHONE

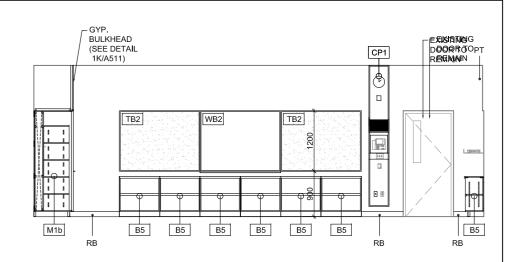
SHELF

B5









NEW ELEVATION - CLASSROOM 235

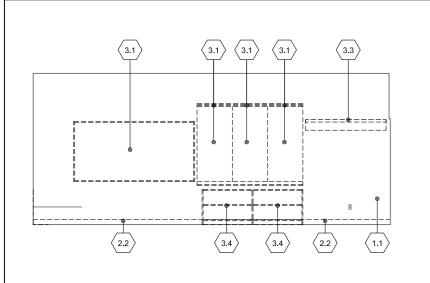
B5 B5 B5

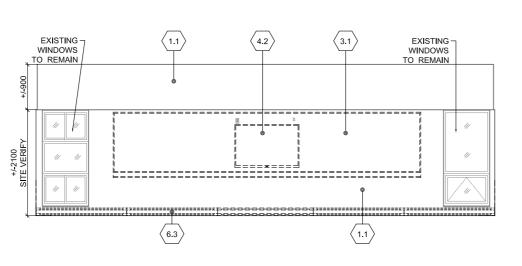
B5

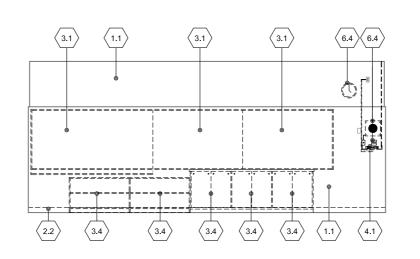
BOARD HEATER SEE M&E.

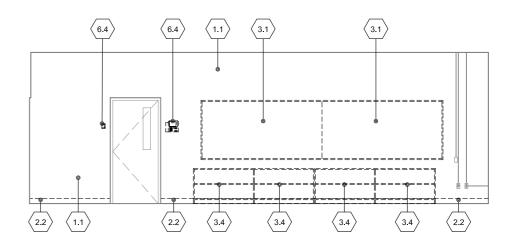
B5 B5

<u>-</u> 1 : 7!



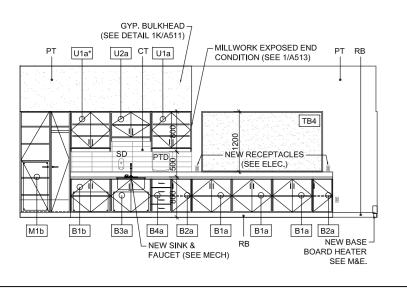


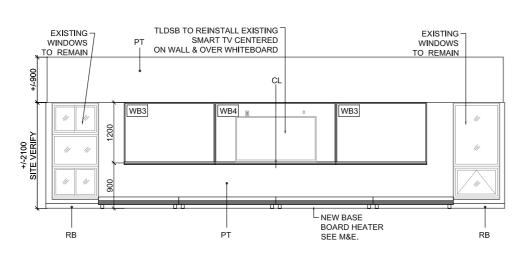


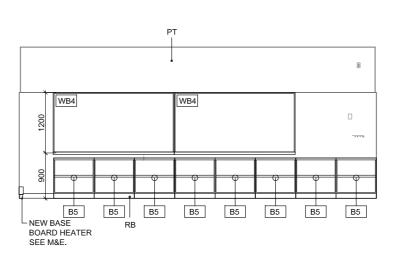


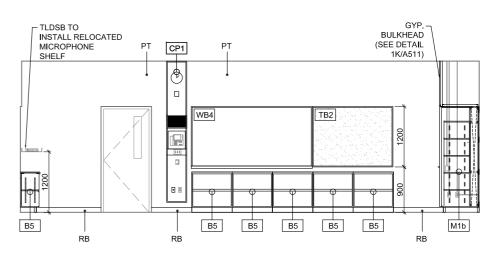
DEMO ELEVATION - CLASSROOM 236

 $\frac{1}{1 \cdot 7^{5}}$









Renovations
1020 Grass Lake Road, Halliburton, ON

CLIENT

rillium

J. Douglas Hodgson E.S. Door/Screen & Millwork



DEMO AND NEW
ELEVATIONS
CLASSROOMS
235 & 236

	PHASE:	Permit / Ter	nder
	DRAWN BY:	S. MARQUE	ES
	REVIEWED BY:	S. LENNOX	
	DATE:	July, 2020	
	SCALE:	As indicated	i
	LENNOX ARCHITE	ECTS NO.:	20 002



SHEET NUMBER:

A413

NEW ELEVATION - CLASSROOM 236

GENERAL NOTE

2.2

 $\langle 3.4 \rangle$

NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE. THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL

 $\langle 3.1 \rangle$

EXISTING DOOR TO

REMAIN

2.2

6.4



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KEY PLAN

REVISIONS No. Date

2 Nov.15/21

CLIENT <

March.12/21

Issued for Permit / Tender Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON

> rillium Lakelands

DEMO AND NEW ELEVATIONS CLASSROOMS

237 & 238

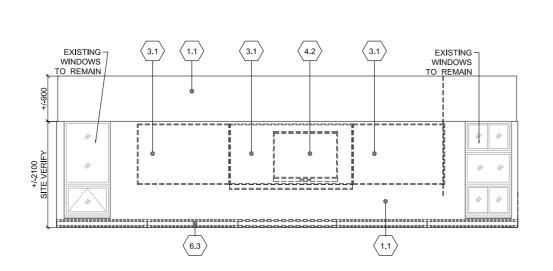
DRAWN BY: S. MARQUES

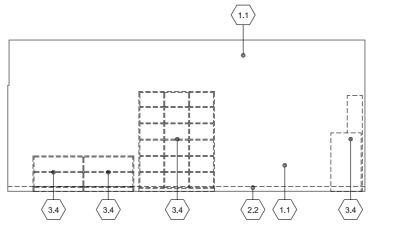
REVIEWED BY: S. LENNOX

Permit / Tender

July, 2020

As indicated

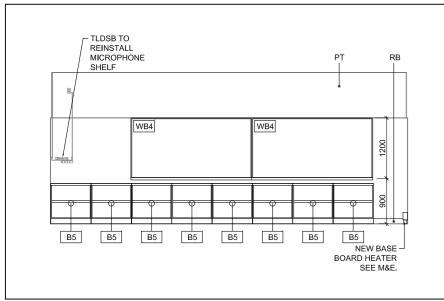




\DEMO ELEVATION - CLASSROOM 237

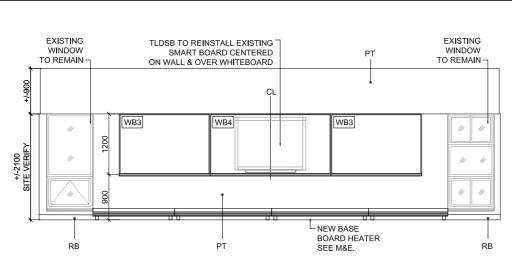


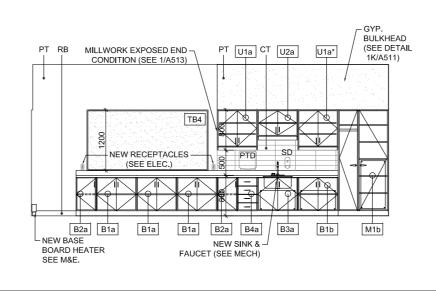
 $\langle 6.4 \rangle$

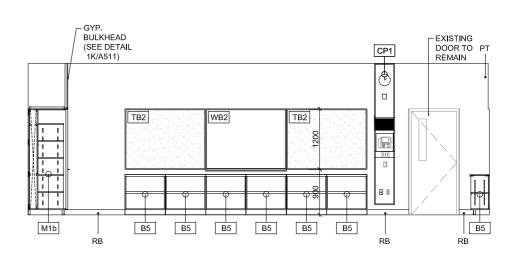


3.4

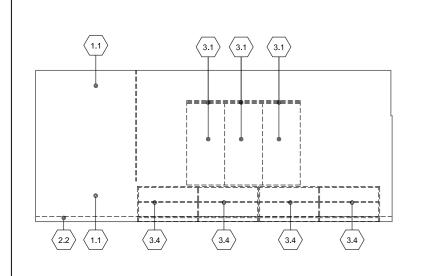
 $\langle 2.2 \rangle \langle 1.1 \rangle$

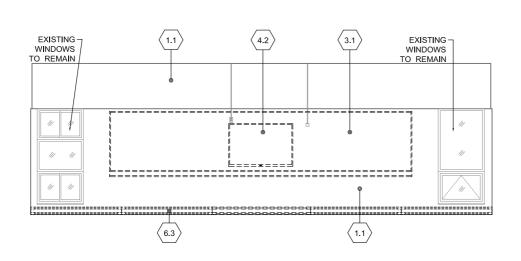


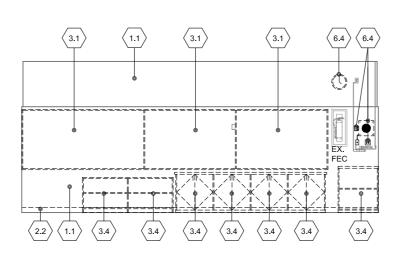


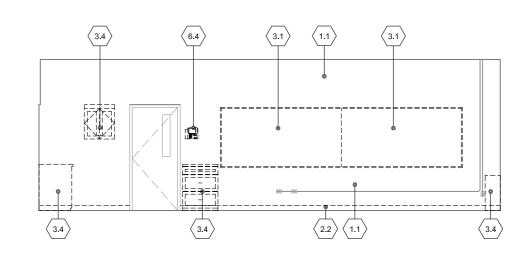


NEW ELEVATION - CLASSROOM 237

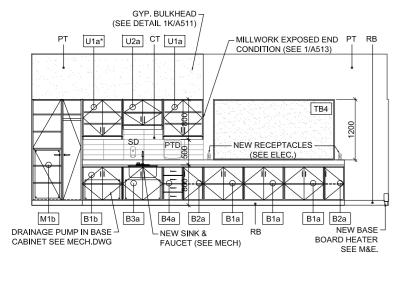


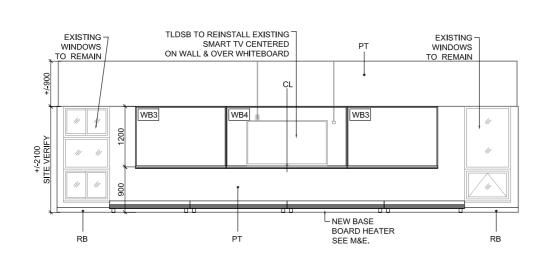


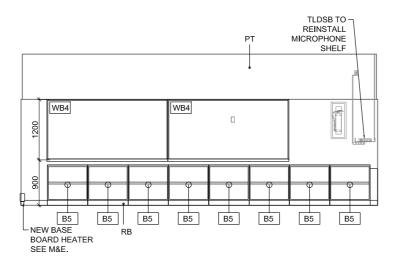


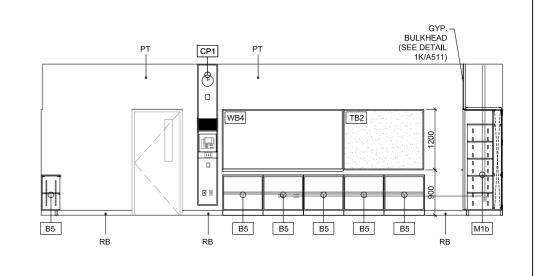


\DEMO ELEVATION - CLASSROOM 238









TRUE NORTH

LENNOX ARCHITECTS NO.: 20 002

SHEET NUMBER:

SCALE:

A414

NEW ELEVATION - CLASSROOM 238

/1:75

NO EXPOSED CONDUIT WILL BE ACCEPTED, UNLESS APPROVED BY THE CONSULTANT TEAM. GC TO RUN ALL WIRING/CONDUIT IN CEILING, WALL OR SHAFT SPACE PROVIDED. IF GC FINDS CONDITION WHERE CONCEALED CONDUIT IS NOT POSSIBLE, THE CONDITION NEEDS TO BE DOCUMENTED AND BROUGHT UP TO CONSULTANTS ATTENTION/APPROVAL.

B - EAST ELEVATION

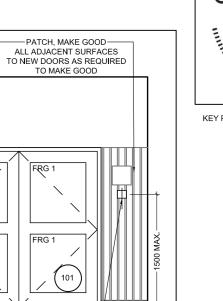
B - EAST ELEVATION

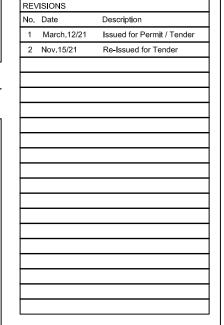


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KEY PLAN







J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON



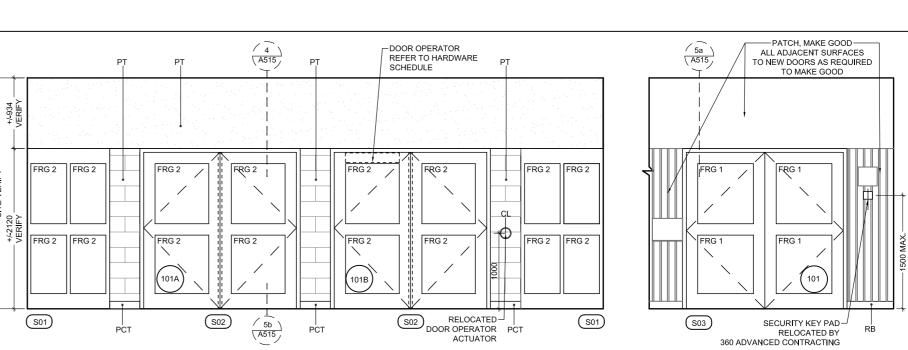
DEMO AND NEW ELEVATIONS FOYER 101 & VEST. 101A

ı			
	PHASE:	Permit / Ter	nder
	DRAWN BY:	S. MARQUI	≣S
	REVIEWED BY:	S. LENNOX	(
	DATE:	July, 2020	
	SCALE:	As indicated	t
	LENNOX ARCHITE	ECTS NO.:	20 002



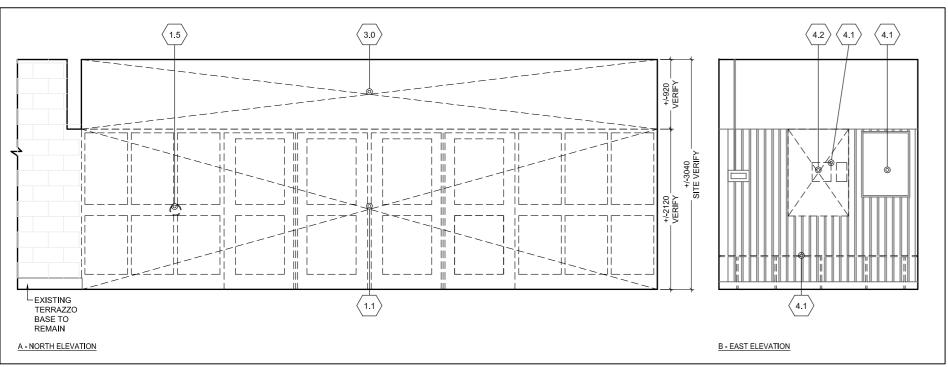
SHEET NUMBER:

A415



DEMO FOYER 101 ELEVATIONS

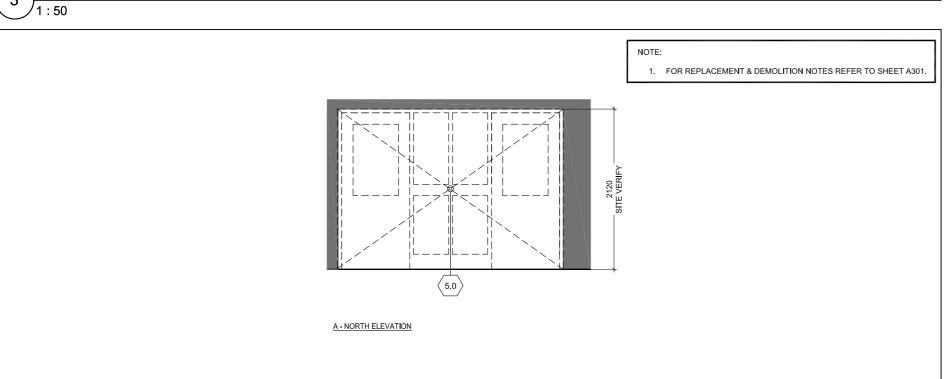
(1.5)



[/]1:50 (4) (A515) EXISTING SIGNAGE TO REMAIN RELOCATED FIRE SAFETY BOX DOOR OPERATOR — REFER TO HARDWARE SCHEDULE (A515) (S04) LEXISTING S01
TERRAZZO
BASE TO PCT DOOR OPERATOR S02
ACTUATOR (S02) (S01) LEXISTING LEXISTING RUBBER BASE TO BENCH TO BE REINSTALLED WHEN WORK COMPLETE REMAIN

A - NORTH ELEVATION 4 NEW VESTIBULE 101A ELEVATIONS [/]1:50

NEW FOYER 101 ELEVATIONS



-PATCH, MAKE GOOD & REPAINT EXISTING GYPSUM CEILING AS REQ'D TO MAKE GOOD AFTER NEW SCREEN INSTALLATION A - NORTH ELEVATION

6 NEW ADMIN. SCREEN ELEVATION
1:50

DEMO ADMIN. SCREEN DOORS ELEVATION

\DEMO VESTIBULE 101A ELEVATIONS

A - SOUTH ELEVATION

6.7

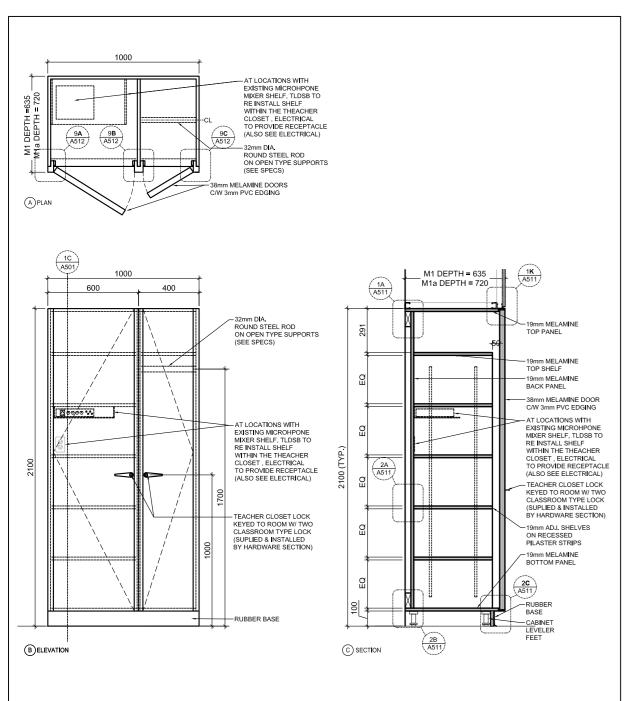
(6.3)

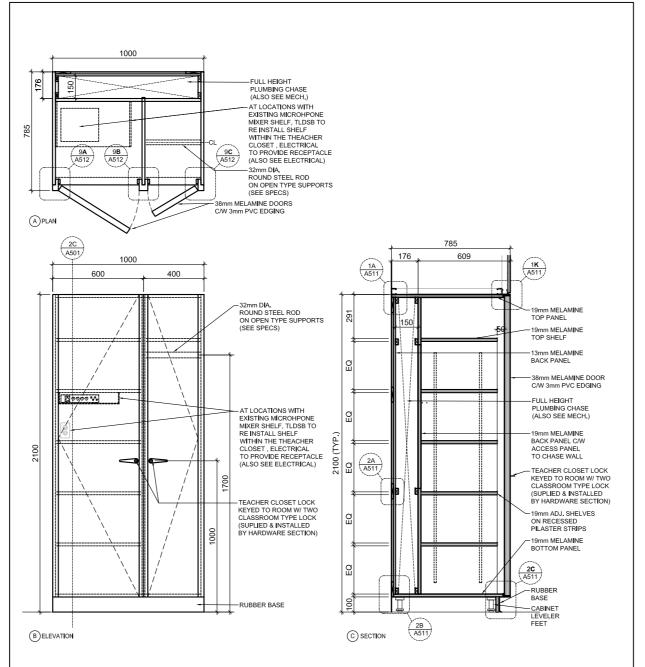
6.1

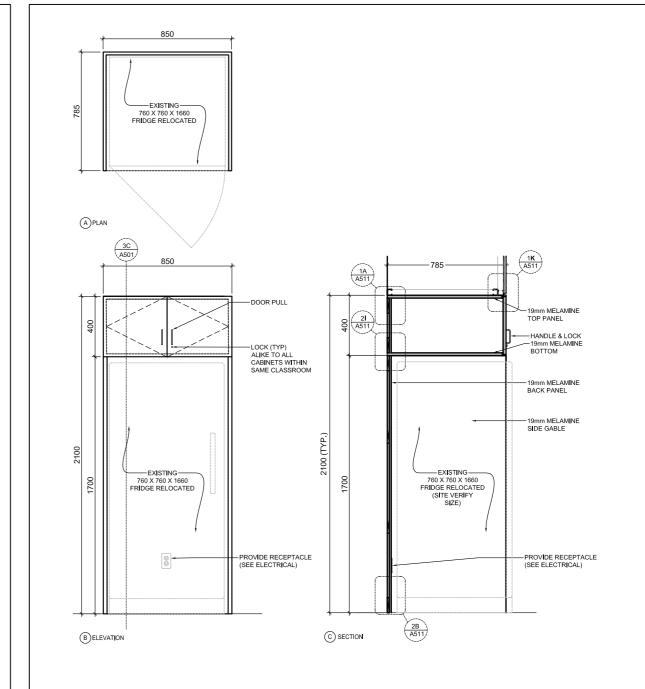
(6.2)

B - EAST ELEVATION

(6.2)

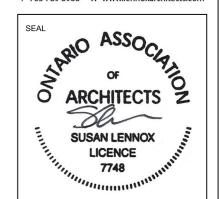








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KEY PLAN

REVISIONS No. Date 1 March.12/21 Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations



SHEET TITLE MILLWORK PLANS & **ELEVATIONS**

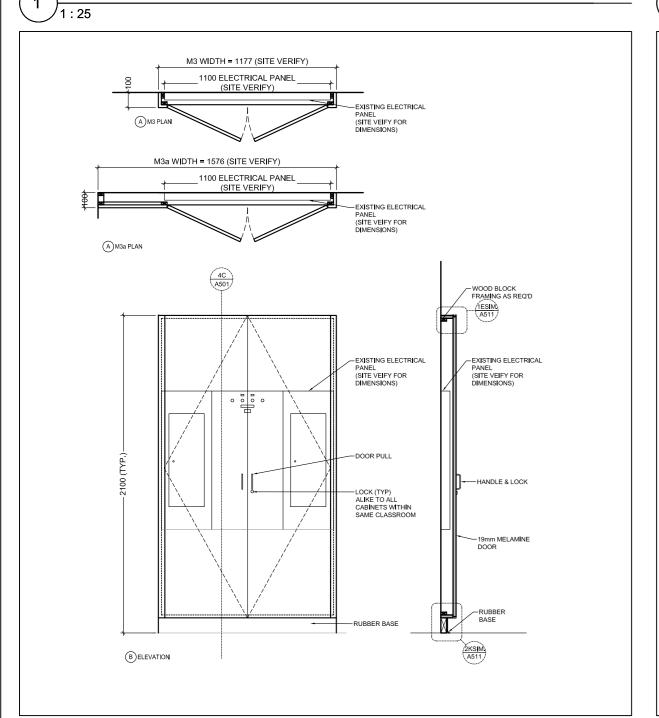
Permit / Tender S. MARQUES DRAWN BY: REVIEWED BY: S. LENNOX July, 2020 As indicated SCALE:

> TRUE NORTH

LENNOX ARCHITECTS NO.: 20 002

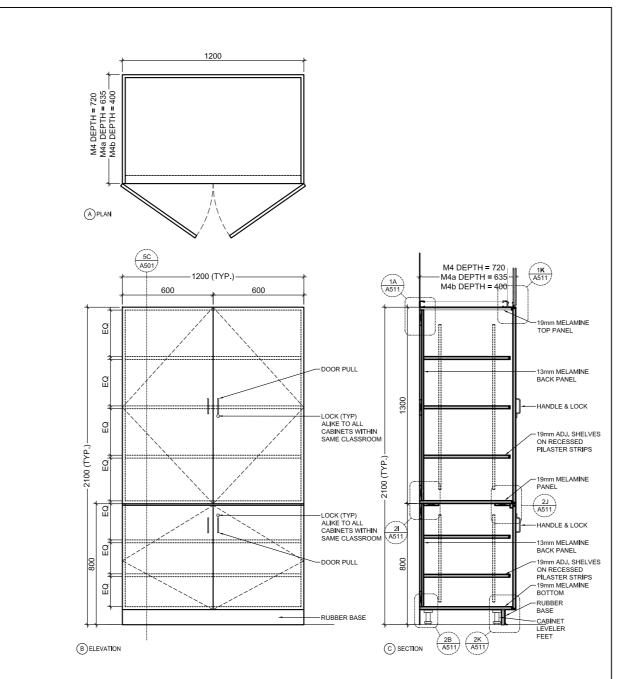
SHEET NUMBER: A501

M1/M1a - TEACHER CLOSET



M3/M3a - ELECTRICAL PANEL CABINET

M1b - TEACHER CLOSET W/CHASE
1:25



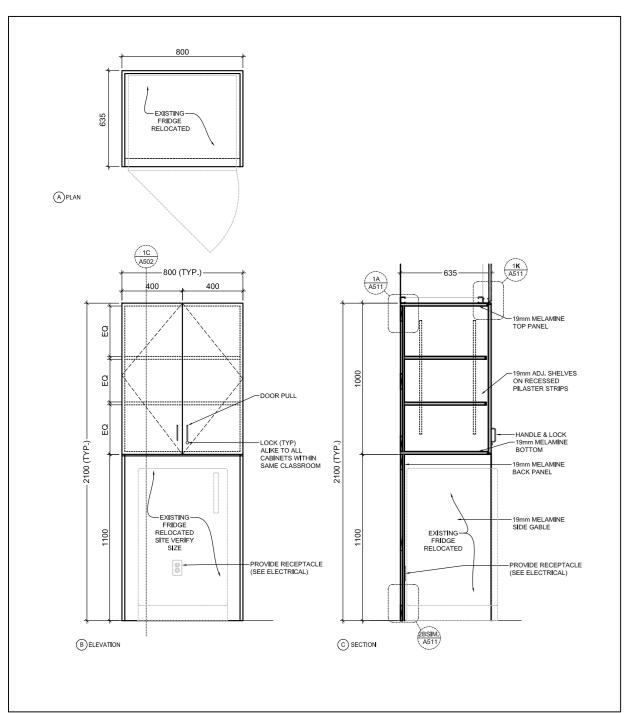
M4 - LOCKABLE STORAGE W/ADJUSTABLE SHELVES

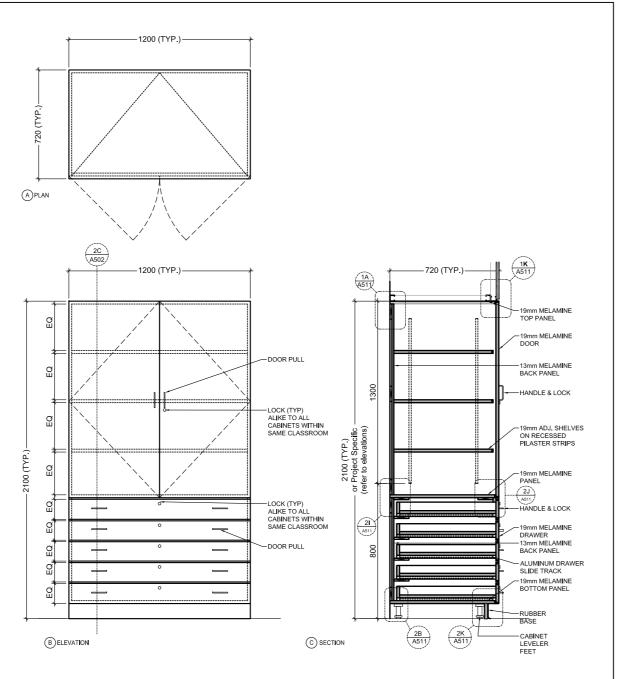
- ACCESS PANEL ONLY AT KINDERGARTEN 204 6C A501 M5a DEPTH = 700 -800 (TYP.)-1A A511 M5a = 400 19mm ADJ, SHELVES ON RECESSED PILASTER STRIPS C/W HARDWOOD ON EXPOSED EDGING - ACCESS
PANEL TO
EXISTING
PIPE BEHIND
ONLY AT
KINDERGARTEN
204 -HANDLE & LOCK ALIKE TO ALL CABINETS WITHIN SAME CLASSROOM —19mm ADJ SHELVES ON RECESSED PILASTER STRIPS -DOOR PULL -- 19mm MELAM**I**NE DOOR —19mm MELAMINE BOTTOM PANEL RUBBER BASE BELEVATION

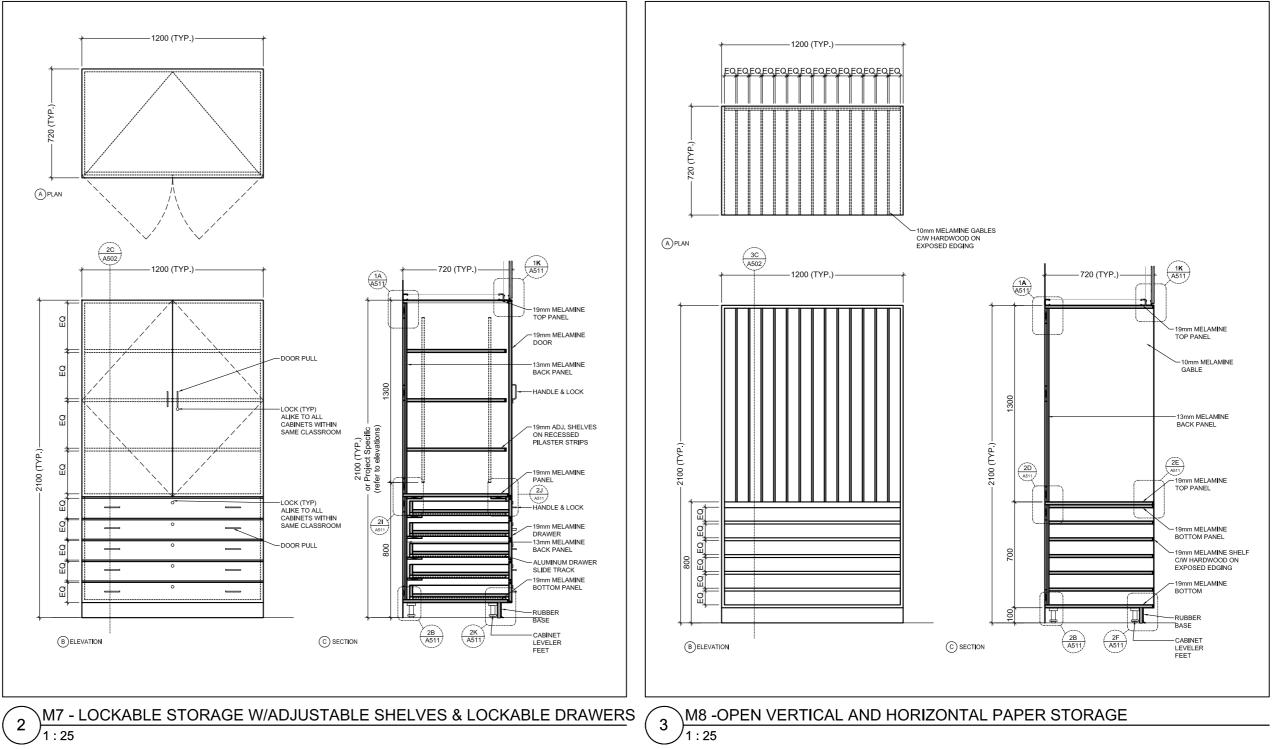
\M5/M5a - TAL OPEN SHELF WITH COUNTER

\M2 - FRIDGE CABINET

 $(3)\frac{M2-1}{1:25}$

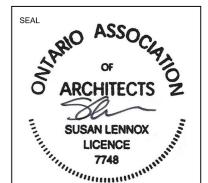








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KEY PLAN

REVISIONS No. Date 1 March 12/21 Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations



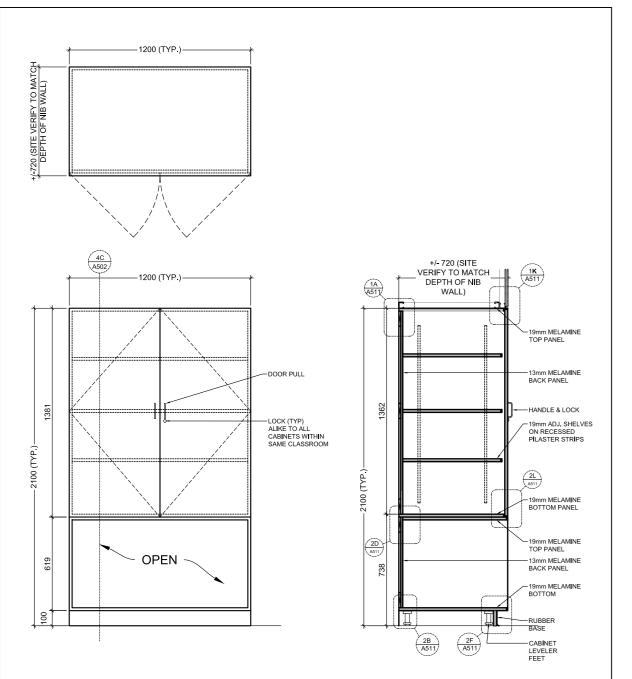
SHEET TITLE MILLWORK PLANS & **ELEVATIONS**

Permit / Tender S. MARQUES DRAWN BY: REVIEWED BY: S. LENNOX July, 2020 As indicated SCALE: LENNOX ARCHITECTS NO.: 20 002

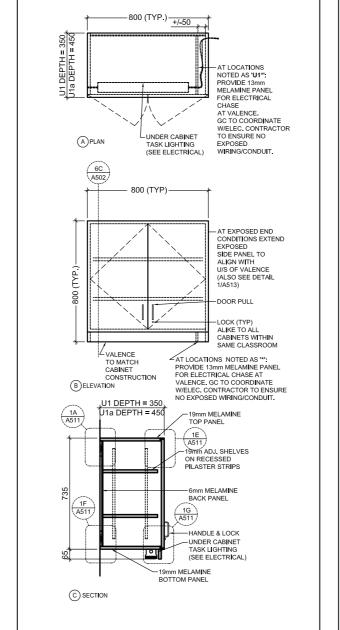
> TRUE NORTH

SHEET NUMBER: A502

\M6 - SMALL FRIDGE CABINET



19mm ADJ. SHELVES ON RECESSED PILASTER STRIPS C/W HARDWOOD ON EXPOSED EDGING BACK PANEL 2M A511 -LOCK (TYP)
ALIKE TO ALL
CABINETS WITHIN
SAME CLASSROOM HANDLE & LOCK ─19mm ADJ. SHELVES
ON RECESSED
PILASTER STRIPS 19mm MELAMINE



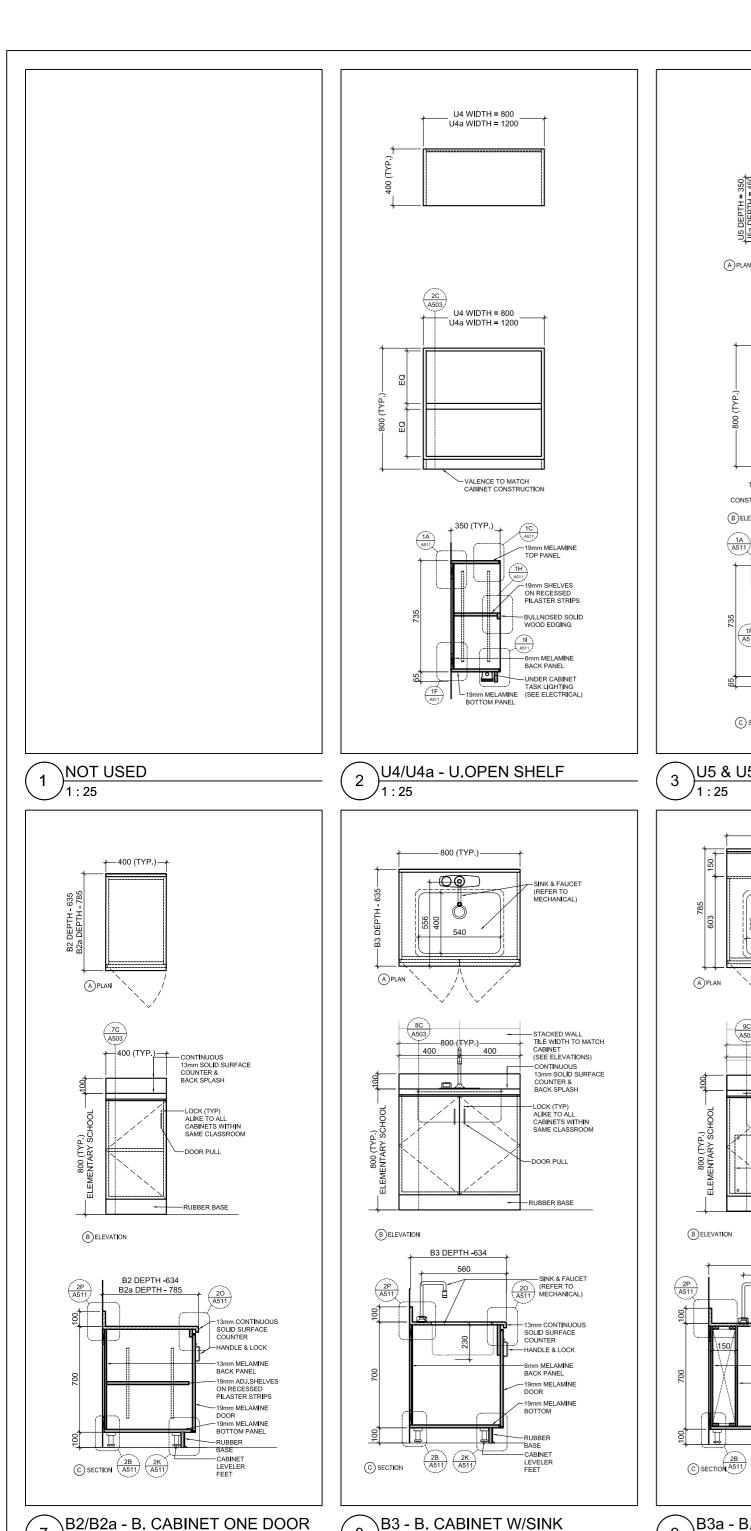
NOTED AS 'U1*': PROVIDE 13mm CHASE
AT VALENCE.
GC TO COORDINATE
W/ELEC. CONTRACTOR
TO ENSURE NO
EXPOSED
WIRING/CONDUIT. (A) PLAN LOCK (TYP)
ALIKE TO ALL
CABINETS WITHIN
SAME CLASSROOM TO MATCH
CABINET
CONSTRUCTION
CONSTRUCTION
TO MATCH
CONSTRUCTION
TO RECEITE AS TO COORDINATE
WELEC. CONTRACTOR TO ENSURE
NO EXPOSED WIRING/CONDUIT. HANDLE & LOCK
UNDER CABINET
TASK LIGHTING
(SEE ELECTRICAL) 19mm MELAMINE © SECTION

M10 - MUSIC SHEET STORAGE CABINET
1:25

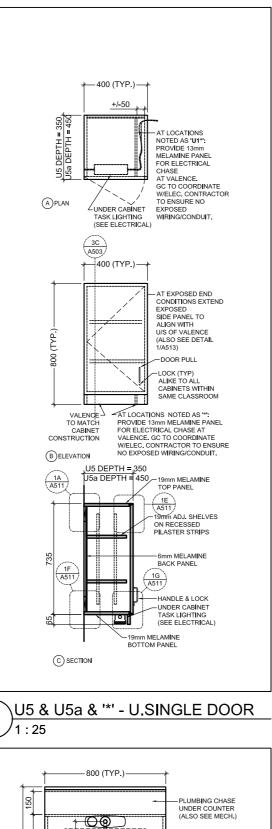
6 U1 & U1a &'*'-U.CABINET W/ D. DOOR 7 U2 & U2a & '*'- U.CABINET AT SINK

SHEET SIZE: A2 (16.5" X 23.4") (420mm X 594mm)

\M9 - DEEP LOCKABLE INSTRUMENT STORAGE



<u></u>1:25



SINK & FAUCET

(REFER TO MECHANICAL)

STACKED WALL
TILE
(SEE ELEVATIONS)

13mm SOLID SURFACE COUNTER & BACK SPLASH

ALIKE TO ALL CABINETS WITHIN SAME CLASSROOM

RUBBER BASE

SINK & FAUCET
20 (REFER TO
A511 MECHANICAL)

-13mm CONTINUOUS SOLID SURFACE COUNTER

HANDLE & LOCK

19mm MELAMINE

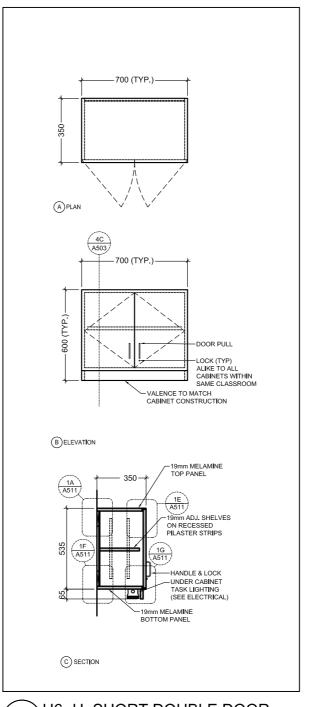
—13mm MELAMINE BACK PANEL

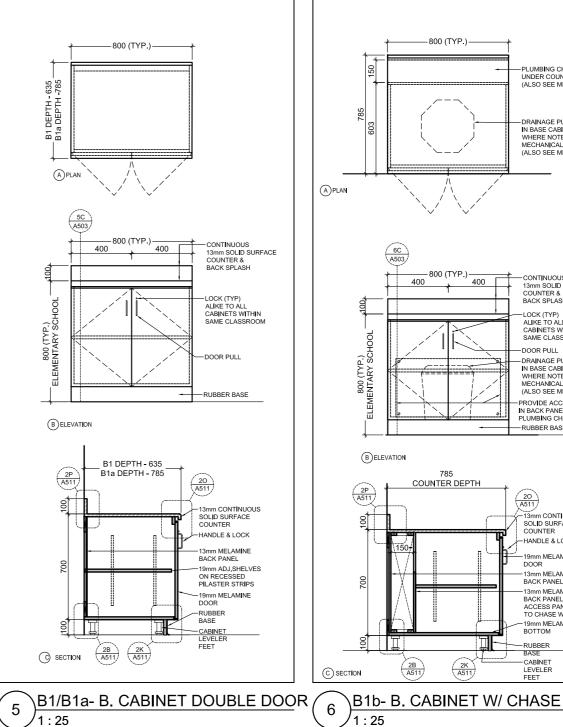
-13mm MELAMINE BACK PANEL C/W ACCESS PANEL

TO CHASE WALL

-19mm MELAMINE

9C A503 400 (TYP.)





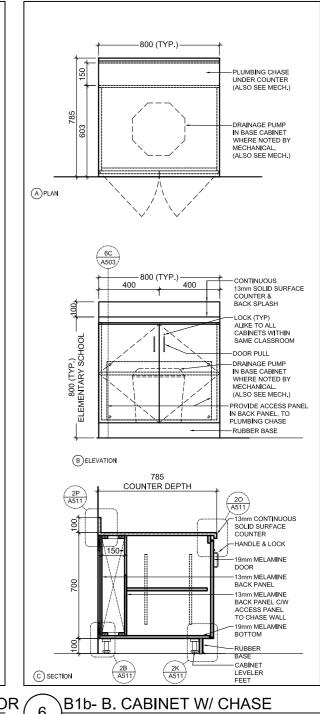
NOTE:

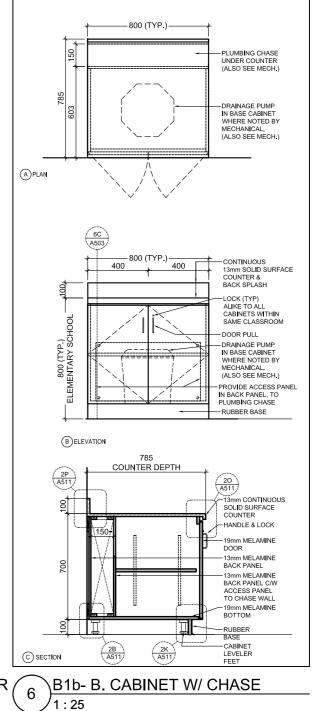
1. NOTIFY CONSULTANT OF ANY HEIGHT INTERFERENCES WITH

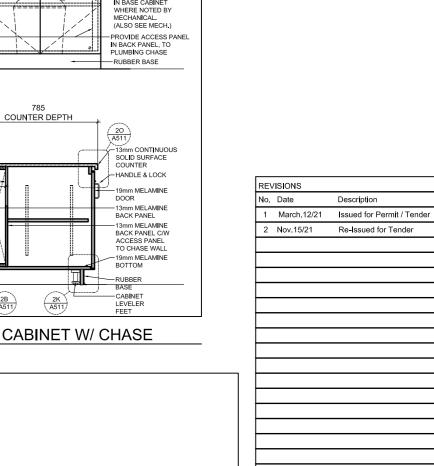
EXISTING CHALK / TALK BOARD BEFORE MANUFACTURING.
2. REFER TO FLOOR PLANS FOR TOTAL LENGTH OF REPEATED

MODULES REQUIRED.

3, WHEN REQUIRED ADD FILLER PANELS AT EACH END, IF FILLER PANELS REQUIRED IS WIDER THAN 50mm EQUALLY DISTRIBUTED BETWEEN UNITS TO LINE UP WITH EXISTING CHALKBOARD/TACKBOARD OR WHITEBOARD.







J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

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ASSOCIATION OF OF ARCHITECTS Z

SUSAN LENNOX

LICENCE 7748

KEY PLAN

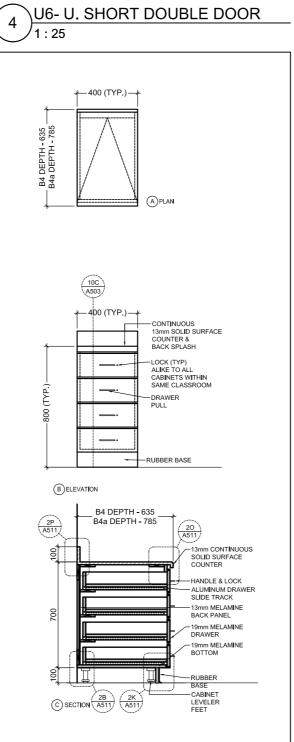


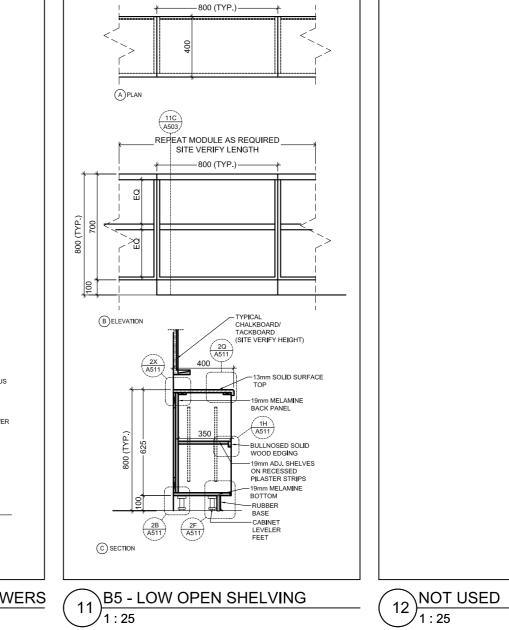
SHEET TITLE MILLWORK PLANS & **ELEVATIONS**

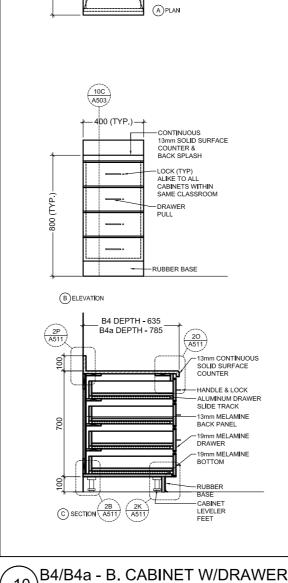
Permit / Tender S. MARQUES DRAWN BY: REVIEWED BY: S. LENNOX July, 2020 As indicated SCALE: LENNOX ARCHITECTS NO.: 20 002

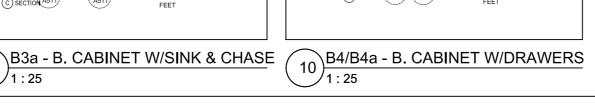
> TRUE NORTH

SHEET NUMBER: A503



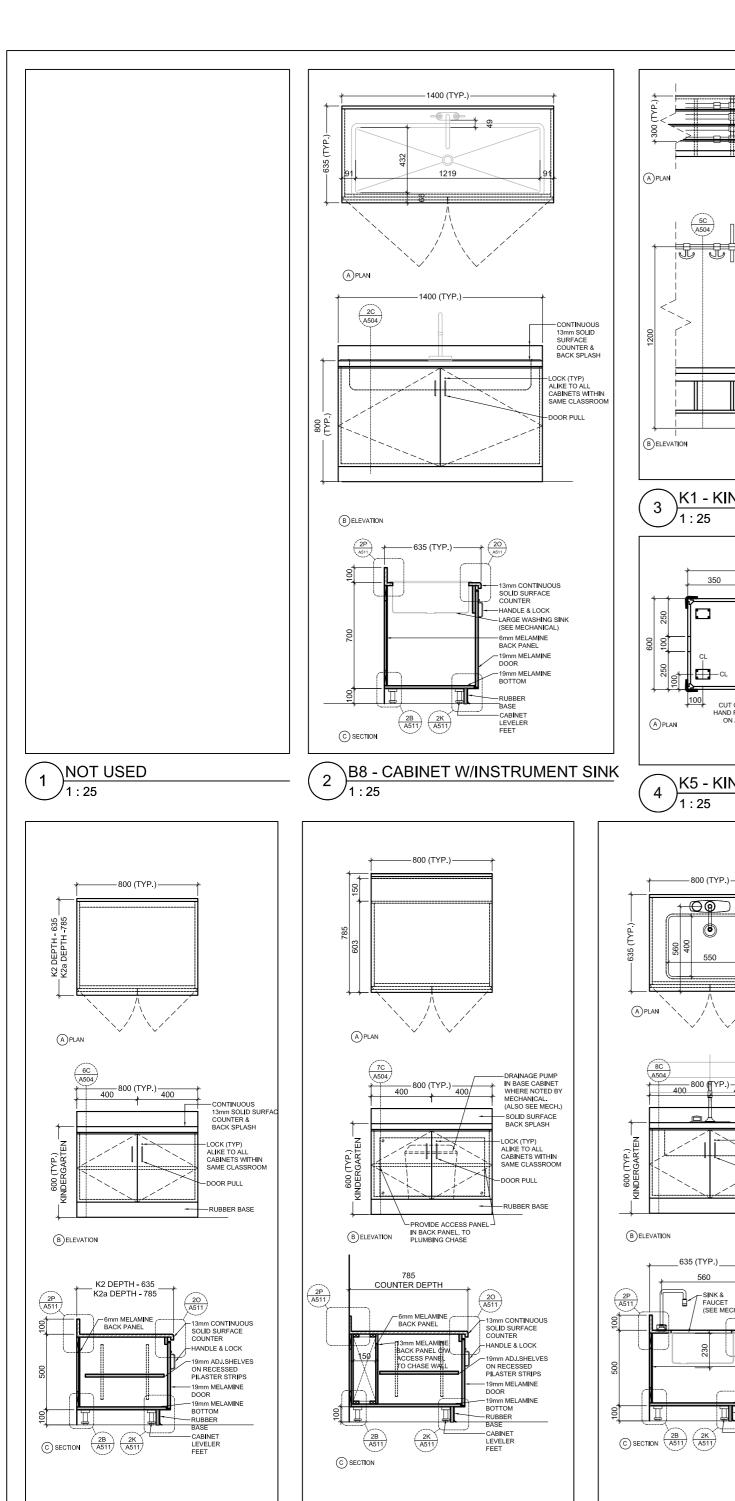






11)B5 - LOW OPEN SHELVING 1:25

SHEET SIZE: A2 (16.5" X 23.4") (420mm X 594mm)

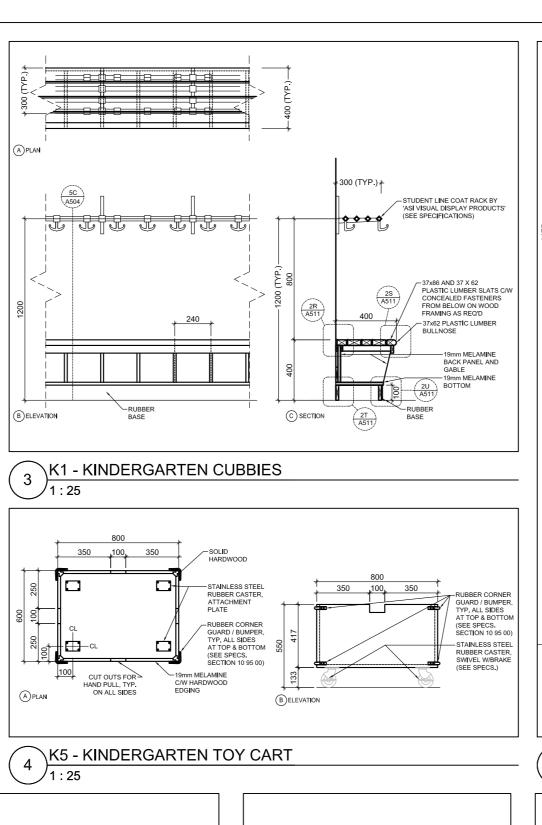


K2b - K. BASE W/CHASE

丿1:25

K2/2a - K. BASE CABINET

SHEET SIZE: A2 (16.5" X 23.4") (420mm X 594mm)



TILE (SEE ELEVATIONS)

RUBBER BASE

HANDLE & LOCK

BACK PANEL
—19mm MELAMINE
DOOR

-19mm MELAMINE BOTTOM

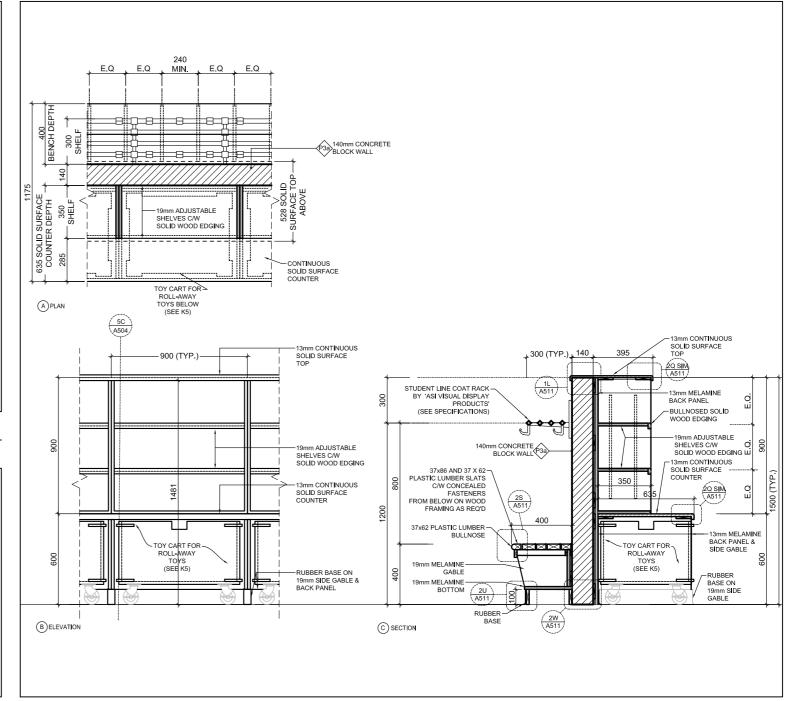
© SECTION

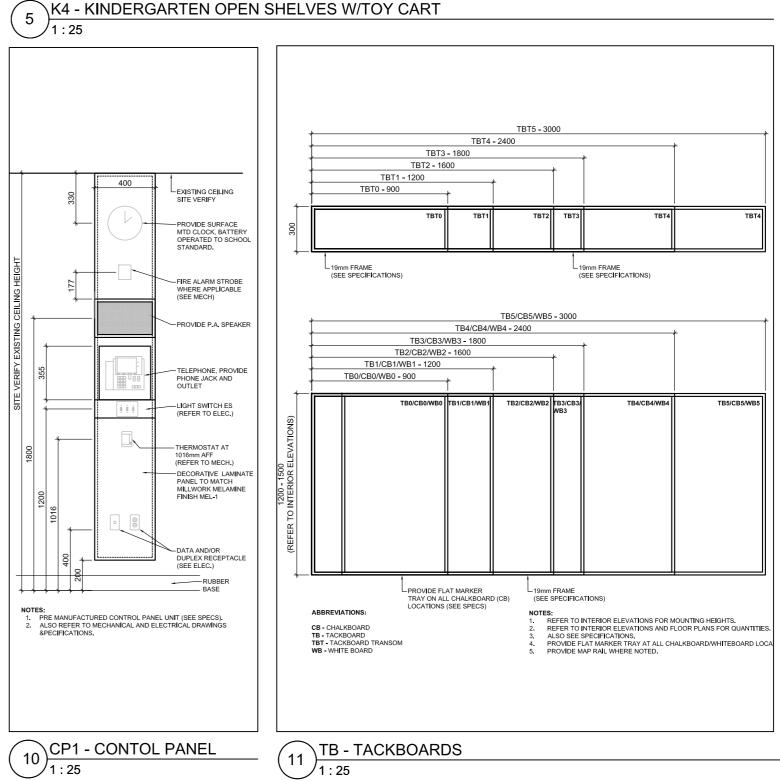
-RUBBER BASE

(SEE MECH)

\K3 - K. CABINET WSINK

/1:25





11



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SUSAN LENNOX

LICENCE 7748

Description

rillium Lakelands

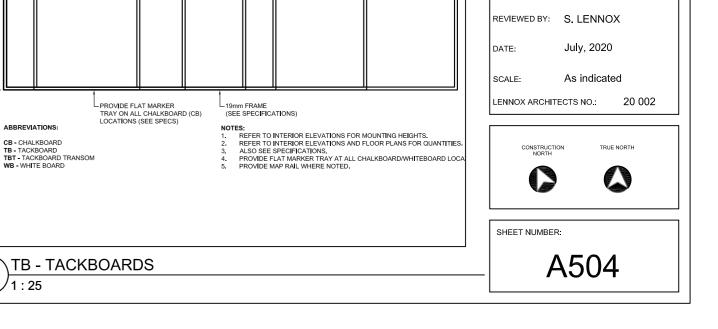
PLANS &

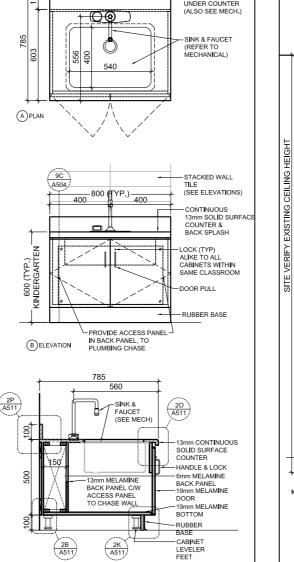
Permit / Tender

S. MARQUES

KEY PLAN

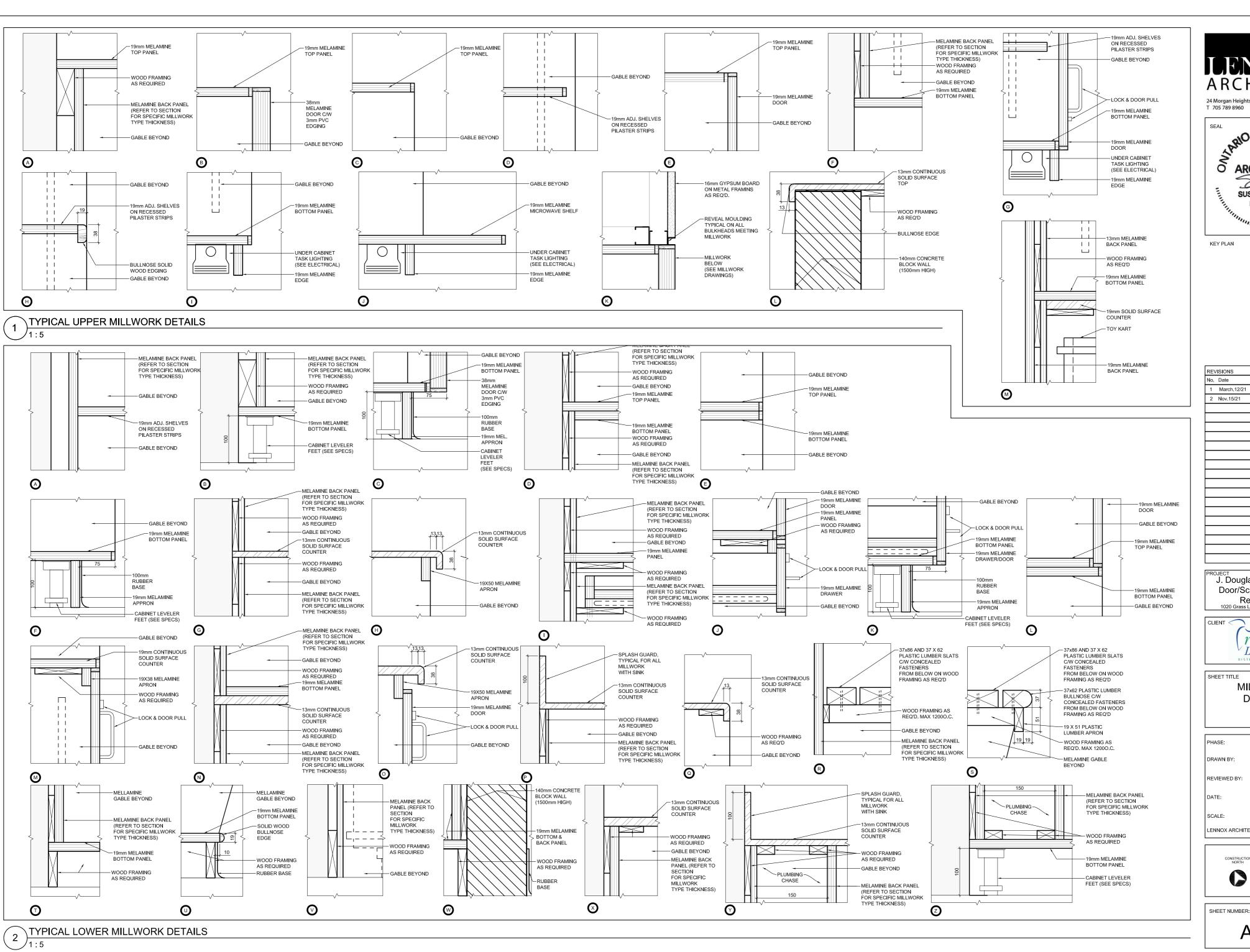
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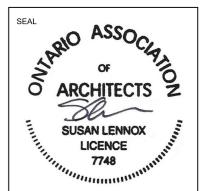


\K3 - K. BASE CABINET WSINK

-800 (TYP.)—



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KEY PLAN

No.	Date	Description
1	March.12/21	Issued for Permit / Tender
2	Nov.15/21	Re-Issued for Tender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

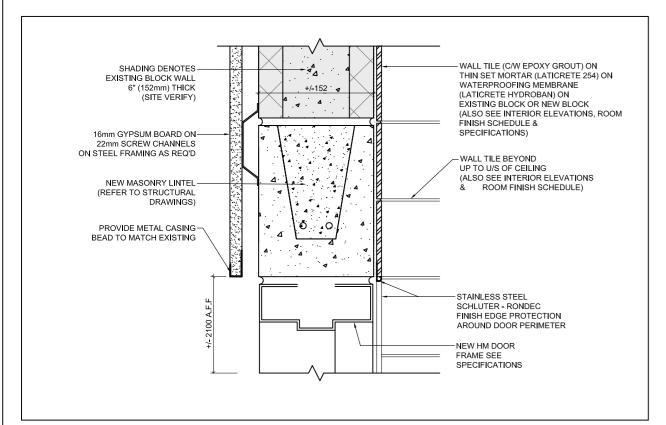


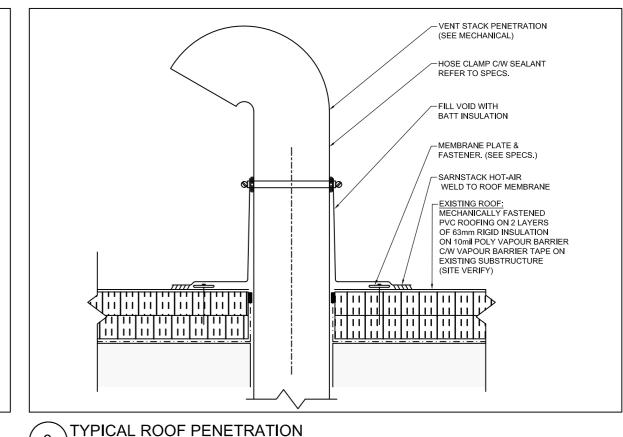
MILLWORK DETAILS

Permit / Tender S. MARQUES DRAWN BY: REVIEWED BY: S. LENNOX July, 2020 As indicated SCALE: LENNOX ARCHITECTS NO.: 20 002

> TRUE NORTH

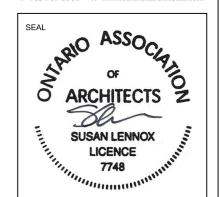






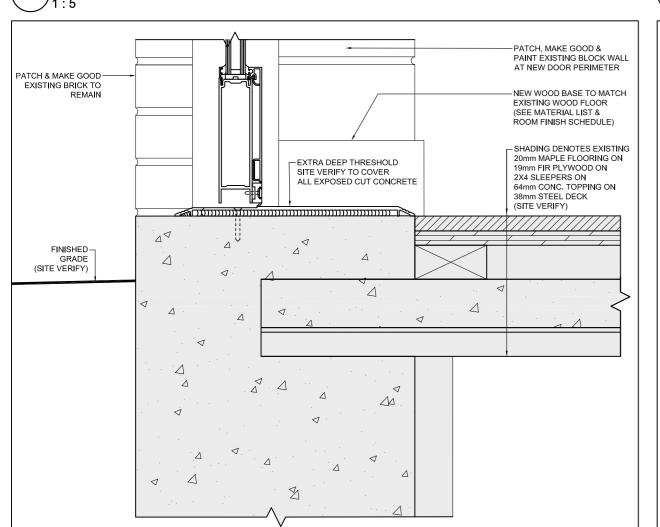


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KEY PLAN

DETAIL AT BULKHEAD WITH DOOR - UNIV. WR 204A & WR 208A



1

SHADING DENOTES EXISTING GYPSUM BOARD ON SCREW CHANNELS ON CONCRETE BLOCK 8" (203mm) THICK ON (SITE VERIFY) PATCH AND/OR REPLACE ANY EXISTING GYPSUM DAMAGED DURING DEMO AND/OF INSTALLATION OF NEW DOOR -EXISTING METAL CASING BEAD TO MATCH EXISTING EXISTING STUCCO ON PATCH, MAKE GOOD & METAL LATH ON 152mm BATT INSULATION PAINT EXISTING BLOCK WALL (SITE VERIFY) TO REMAIN. PATCH AND PAINT TO MAKE GOOD, AS NECESSARY PROVIDE NEW ADHESIVE VAPOUR BARRIER DURING SCREEN INSTALLATION LAP OVER EXISTING VAPOUR BARRIER AND SEAL IT TO DOOR FRAME CONTINUOUS SEALANT &-BACKER ROD BOTH SIDES -PROVIDE ALL NECESSARY BLOCKING & SHIMMING, AS REQUIRED FOR PROPER (COLOR TO MATCH FRAME) ANCHOR NEW ALUMINUM FRAME WINDOW INSTALLATION. +/- 2100 SITE VE FILL VOIDS BETWEEN FRAME & WALL W/SPRAY FOAM INSULATION (TYPICAL AT PERIMETER) PATCH & MAKE GOOD NEW ALUMINUM DOOR & FRAME. REFER TO DOOR SCHEDULE & SPECIFICATIONS.

NEW 140mm LIGHT WEIGHT CONCRETE WALL TILE ON-THIN SET MORTAR (LATICRETE 254) ON BLOCK WALL (SEE ARCHITECTURAL PLANS, EXISTING BLOCK OR NEW BLOCK (ALSO SEE INTERIOR ELEVATIONS, ROOM STRUCTURAL DRAWINGS & SPECIFICATIONS) FINISH SCHEDULE & SPECIFICATIONS) NEW WOOD BASE TO MATCH EXISTING WOOD FLOOR (SEE MATERIAL LIST & ROOM FINISH SCHEDULE) ALTRO C-8 CAP STRIP-COLOUR WHITE ALL EXISTING WOOD FLOOR TO BE SANDED & REFINISHED ALTRO COVE FORMER SHADING DENOTES EXISTING 20mm MAPLE FLOORING ON 19mm FIR PLYWOOD ON 2X4 SLEEPERS ON NEW ALTRO SAFETY FLOORING-OVER 1-2% MAXIMUM SLOPE 64mm CONC. TOPPING ON 38mm STEEL DECK (SITE VERIFY) (SEE ROOM FINISH SCHEDULE & SPECIFICATIONS)

REVISIONS No. Date Description 1 March 12/21 Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

> J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburtor

CLIENT rillium Lakelands

SHEET TITLE

-19mm MELAMINE

-OUTLINE OF 19mn

MELAMINE ADJ. SHELF

SIDE GABLE

-SOLID WOOD

3mm PVC EDGING

38mm THICK DOOR

-COMMERCIAL GRADE

4 SCREW BUTT HINGE

-38mm MELAMINE DOOR

DOOR STOP

-SOLID WOOD

GENERAL DETAILS

Permit / Tender S. MARQUES DRAWN BY: REVIEWED BY: S. LENNOX July, 2020 As indicated SCALE: LENNOX ARCHITECTS NO.: 20 002

TRUE NORTH

SHEET NUMBER: A512

ALUMINUM DOOR SILL ALUMINUM DOOR HEADER

> STAINLESS STEEL SCHLUTER - RONDEC FINISH EDGE PROTECTION

AT ALL EXPOSED

- WALL TILE BEYOND

REFER TO INTERIOR ELEVATIONS, & ROOM FINISH SCHEDULE

-BUILT UP WALL BASE REFER TO ROOM FINISH SCHEDULE & LIST OF MATERIALS

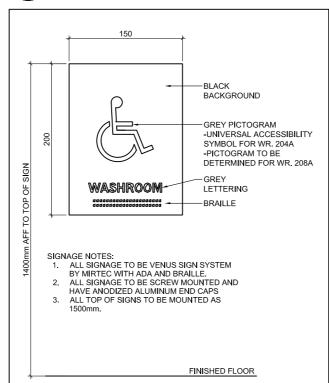
-NEW PCT FLOORING ON THINSET ADHESIVE (LATACRETE 254) ON

HYDROBAN) ON MORTAR BED (LATACRETE 3701) WITH

WATERPROOFING (LATICRETE

SLOPE TO DRAIN OF MAX. 1% (SEE ROOM FINISH SCHEDULE &

SPECIFICATIONS)



-19mm MELAMINE SIDE GABLE -OUTLINE OF 19mm MELAMINE ADJ. SHELF ABOVE DOOR STOP -3mm PVC EDGING 38mm MELAMINE DOOR A 4 SCREW BUTT HINGE SOLID WOOD FRAME TO SUPPORT 38mm THICK DOOR

19mm MELAMINE INTEGRAL GABLE OUTLINE OF 19mm MELAMINE ADJ. SHELF SOLID WOOD DOOR STOP OUTLINE OF BOTTOM PANEL BELOW -SOLID WOOD FRAME TO SUPPORT 38mm THICK DOOR -SOLID WOOD B

3

6

©

NEW WALL ON EXISTING WOOD FLOOR

UNIVERSAL WASHROOM ROLL IN CURB

WASHROOM SIGNAGE

\NOT USED

TEACHER CLOSET DETAILS

SHEET SIZE: A2 (16.5" X 23.4") (420mm X 594mm)

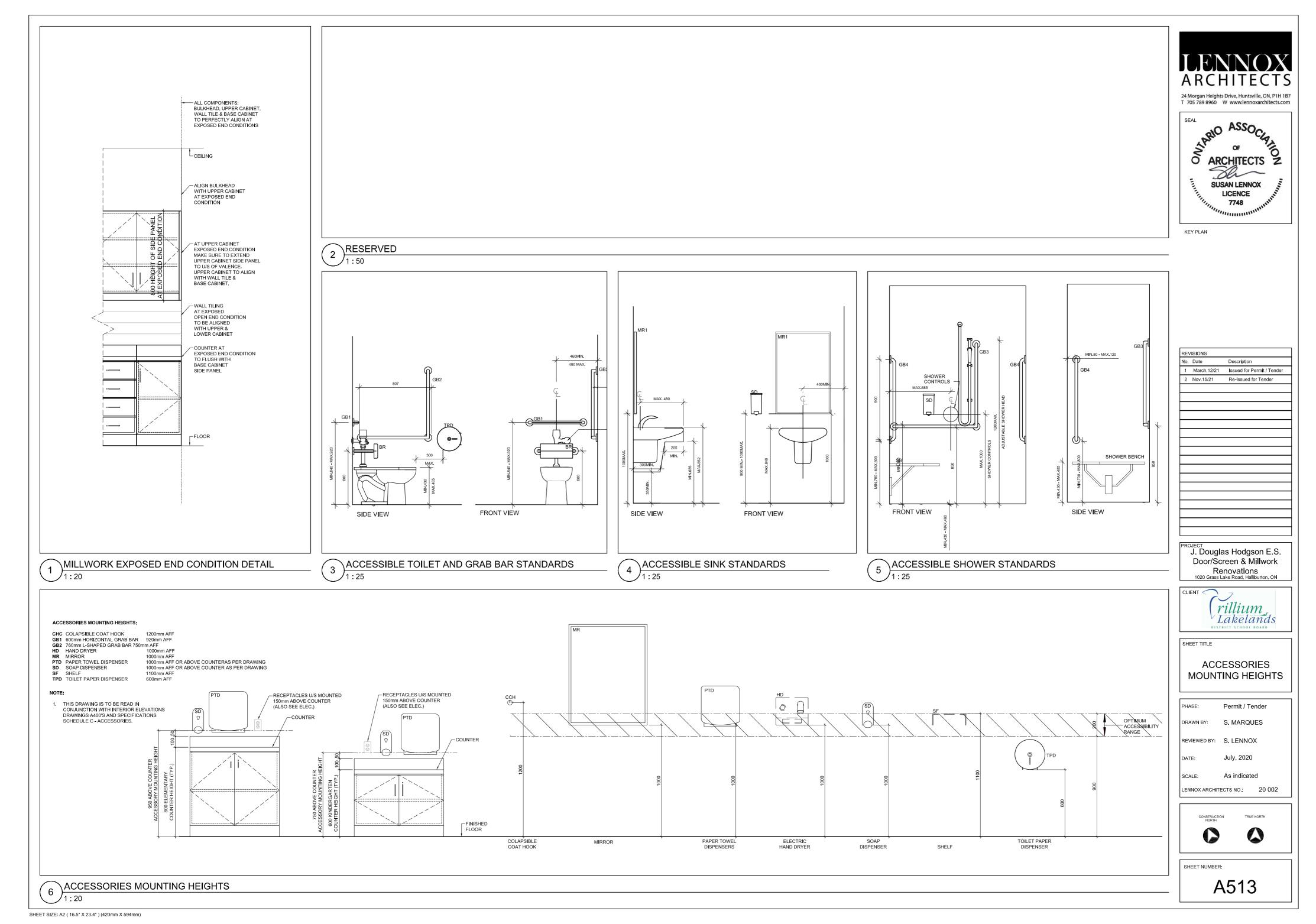
NEW PCT FLOORING ON-THINSET ADHESIVE (LATACRETE 254) ON

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SLOPE TO DRAIN OF MAX. 1% (SEE ROOM FINISH SCHEDULE &

SPECIFICATIONS)



											EXISTIN	IG DOOR 8	FRAME S	CHEDULE				
	LOCA	ATION			DOOF	₹				FRA	MES			DET	AILS			
OOR#	FROM ROOM	TO ROOM	SIZE (WxHxT)	TYPE	LABEL	GLASS	MATERIAL	FINISH	TYPE	LABEL	GLASS	MATERIAL	FINISH	JAMB	HEADER	HARDWARE	THRESHOLD	REMARKS
101A	FOYER 101	VESTIBULE 101A	(2) 1010 X 2070 X 45	С	1HR.	FIRE RATED GLASS FRG 2 (CAN/ULC-S101) 25mm	HOLLOW METAL	SHOP APPLIED PAINT (SEE SPECS. SECTION 08 11 33)	S02	1HR.	-	HOLLOW METAL	SHOP APPLIED PAINT (SEE SPECS. SECTION 08 11 33)	6/A501	3/A501	REFER TO SPECIFICATIONS SECTION 08 71 00 DOOR HARDWARE	-	PROVIDE FIRE RATED, KEYED, REMOVABLE HARDWARE MULLION.
101B	FOYER 101	VESTIBULE 101A	(2) 1010 X 2070 X 45	С	1HR.	FIRE RATED GLASS FRG 2 (CAN/ULC-S101) 25mm	HOLLOW METAL	SHOP APPLIED PAINT (SEE SPECS. SECTION 08 11 33)	\$02	1HR.	-	HOLLOW METAL	SHOP APPLIED PAINT (SEE SPECS. SECTION 08 11 33)	6/A501	3/A501	REFER TO SPECIFICATIONS SECTION 08 71 00 DOOR HARDWARE	-	REMOVE &REINSTALL EXISTING DOOR ACTUATORS AND DOOR OPERATOR. PROVIDE FIRE RATED, KEYED, REMOVABLE HARDWARE MULLION.
136	FOYER 101	ADMIN. 136	(2) 1038 X 2070 X 45	С	45M I N.	FIRE RATED GLASS FRG 1 (CAN/ULC-S104, S-106) 19mm	HOLLOW METAL	SHOP APPLIED PAINT (SEE SPECS. SECTION 08 11 33)	S03	45M I N.	-	HOLLOW METAL	SHOP APPLIED PAINT (SEE SPECS. SECTION 08 11 33)	7/A501	4/A501	REFER TO SPECIFICATIONS SECTION 08 71 00 DOOR HARDWARE	-	1.
(204	CORRIDOR	PAL ROOM 204	EXISTING DOOR (APPROXIMATELY 915X 2083 X 45 SITE VERIFY)	EX.	-	EX.	EX. HOLLOW METAL	PT	EX.	-	-	EX. HOLLOW METAL	PT	-	-	REFER TO SPECIFICATIONS SECTION 08 71 00 DOOR HARDWARE		REFER TO ARCHITECTURAL FLOOR PLANS FOR LOCATIONS OF NEW DOOR ACTUATORS. CAREFULLY REMOVE AND STORE IN SAFE PLACE ALL DOOR HARDWARE TO REMAIN. REMOVE DOOR AND FRAME AS REQUIRED TO COME WORK AS PER THIS DOOR SCHEDULE & HARDWARE SCHEDULE. REINSTAL DOOR AND HARDWARE WHEN WORK COMPLETE. ANY DAMAGE TO ADJACENT SURFACES CAUSED BY THE REMOVAL AND RE INSTALLATION OF THE DOOR, NEEDS TO BE PATCHED, AND IN GOOD BY CONTRACTOR.
204A	P.A.L.S ROOM 204	UNIVERSAL WASHROOM 204A	950 X 2050 X 45	А	-	-	HOLLOW METAL	PT	F1	-	-	HOLLOW METAL	PT	-	-	REFER TO SPECIFICATIONS SECTION 08 71 00 DOOR HARDWARE	-	REFER TO ARCHITECTURAL FLOOR PLANS FOR LOCATIONS OF NEW DOOR ACTUATORS. ADD 'SIGHT-PROOF' DOOR GRILLE. REFER TO MECHANICAL DRAWINGS FOR TYPE AND SIZE. CAULKING THICKER THAN 13mm WILL NOT BE ACCEPTABLE. MANUFACTURER TO PROVIDE ALUMINUM TRIM TO MATCH FRAME AT LOCATI WHERE SPACING EXCEEDS 13mm.
208A	EXTERIOR	KINDERGARTEN 208	NEW DOOR TO FIT ON EXISTING R.O. (APPROXIMATELY 815X2050 X 55.3 SITE VERIFY)	В	-	FIXED SAFETY GLASS	ALUMINUM	CLEAR ANODIZED	F1	-	-	ALUMINUM	CLEAR ANODIZED	-	-	REFER TO SPECIFICATIONS SECTION 08 71 00 DOOR HARDWARE	CLEAR	CAULKING THICKER THAN 13mm WILL NOT BE ACCEPTABLE. MANUFACTURER TO PROVIDE ALUMINUM TRIM TO MATCH FRAME AT LOCAT WHERE SPACING EXCEEDS 13mm. SITE VERIFY REQUIRED THRESHOLD DEPTH TO COVER ANY EXISTING EXPOSED CONTRETE
208B	KINDERGARTEN 208	WASHROOM 208A	900 X 2050 X 45	A	-	-	HOLLOW METAL	PT	F1	-	-	HOLLOW METAL	PT	-	-	REFER TO SPECIFICATIONS SECTION 08 71 00 DOOR HARDWARE		ADD 'SIGHT-PROOF' DOOR GRILLE. REFER TO MECHANICAL DRAWINGS FOR TYPE AND SIZE. CAULKING THICKER THAN 13mm WILL NOT BE ACCEPTABLE. MANUFACTURER TO PROVIDE ALUMINUM TRIM TO MATCH FRAME AT LOCATION WHERE SPACING EXCEEDS 13mm.

DOOR & FRAME SCHEDULE NOTES

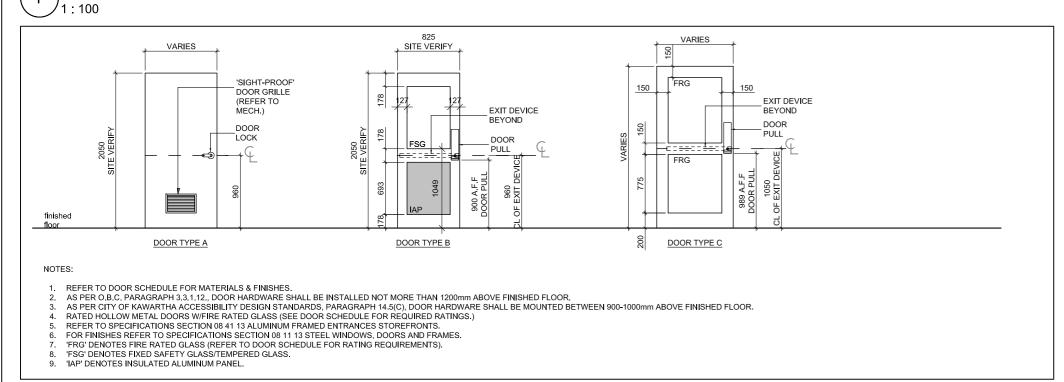
ALL DOOR/SCREEN DIMENSIONS ARE APPROXIMATE, ALL EXISTING OPENINGS & FRAMES TO BE SITE VERIFIED PRIOR TO MANUFACTURING.

- FOR DOOR HARDWARE REFER TO SPECIFICATIONS SECTION 08 71 00 DOOR HARDWARE. REPORT INCONSISTENCIES TO CONSULTANT. THIS SCHEDULE IS TO BE READ IN CONJUNCTION WITH SCREEN & DOOR TYPES DRAWINGS.
- DOOR CLOSERS TO BE INSTALLED ON ALL EXTERIOR AND FIRE RATED DOORS.

 IF THE FINISHED CAULKING JOINT WIDTH, INTERIOR OR EXTERIOR, EXCEEDS 15mm IN TOTAL, OTHER MEASURES TO BE UTILIZED TO SEAL/COVER THE JOINT IE. ALUMINUM COVERS. APPROVAL BY CONSULTANT REQUIRED.

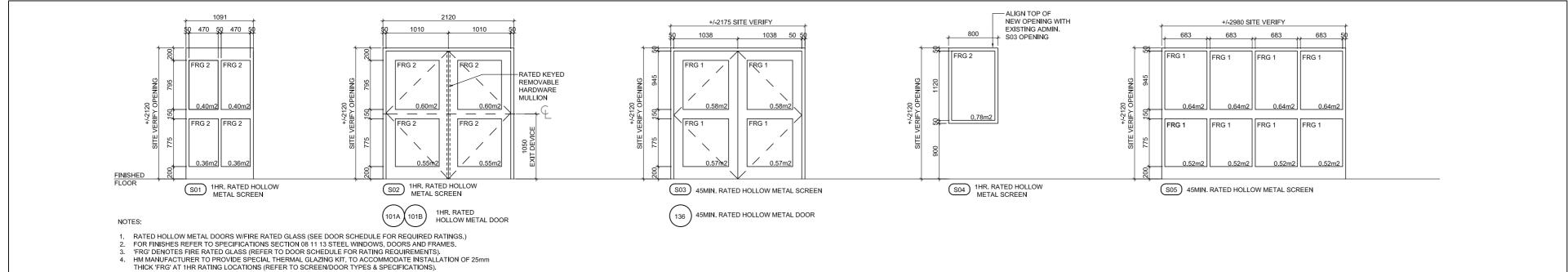
 HM MANUFACTURER TO PROVIDE SPECIAL THERMAL GLAZING KIT, TO ACCOMMODATE INSTALLATION OF 25mm THICK 'FRG' AT 1HR RATING LOCATIONS (REFER TO SCREEN/DOOR TYPES & SPECIFICATIONS).

\DOOR SCHEDULE



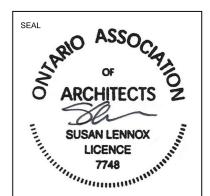
\DOOR TYPES





RATED HOLLOW METAL SCREEN TYPES

24 Morgan Heights Drive, Huntsville, ON, P1H 1B7 T 705 789 8960 W www.lennoxarchitects.com



KEY PLAN

REVISIONS No. Date Description 1 March.12/21 Issued for Permit / Tender 2 Nov.15/21 Re-Issued for Tender

> J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations



SHEET TITLE DOOR SCHEDULE DOOR /SCREEN TYPES

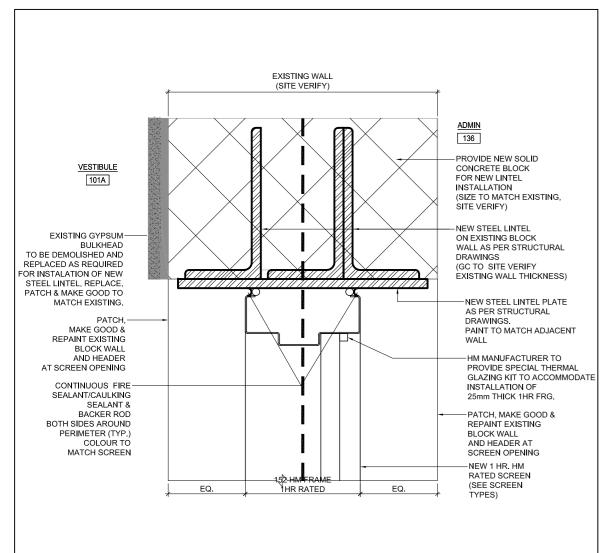
Permit / Tender S. MARQUES DRAWN BY: REVIEWED BY: S. LENNOX July, 2020 As indicated SCALE: LENNOX ARCHITECTS NO.: 20 002

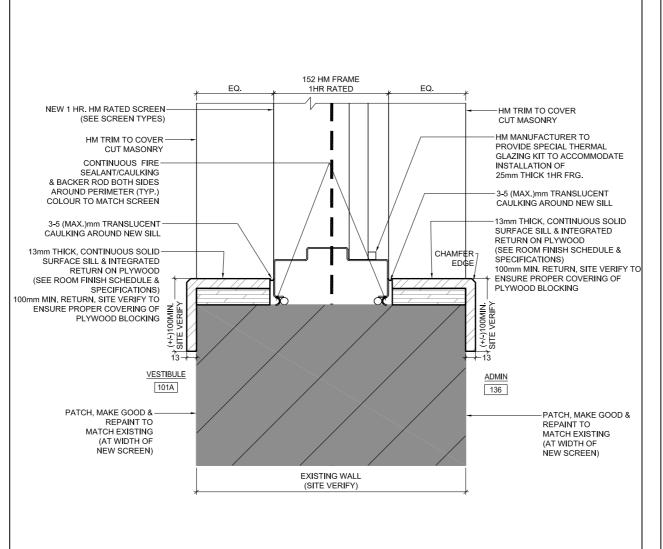


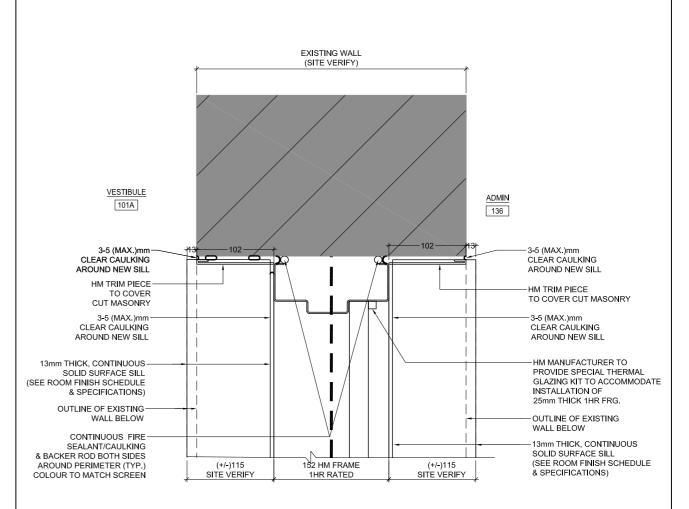
TRUE NORTH

SHEET NUMBER:

A514







IJENNOX ARCHITECTS

24 Morgan Heights Drive, Huntsville, ON, P1H 1B7 T 705 789 8960 W www.lennoxarchitects.com



KEY PLAN

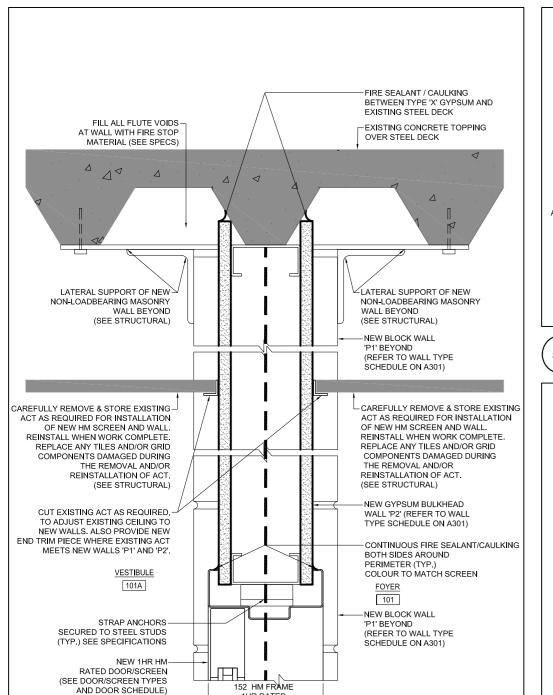
REVISIONS No. Date

1 1HR RATED 'S04' SCREEN HEADER

1HR RATED 'S04' SCREEN SILL

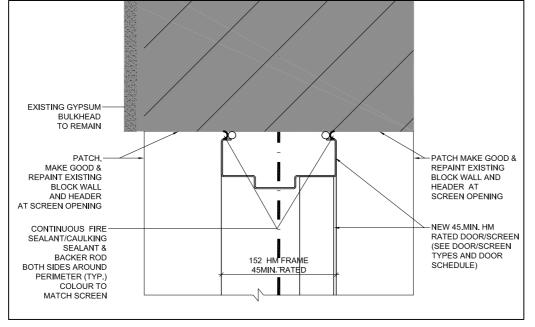
45MIN. RATED 'S03' SCREEN HEADER

3 1HR RATED 'S04' SCREEN JAMB

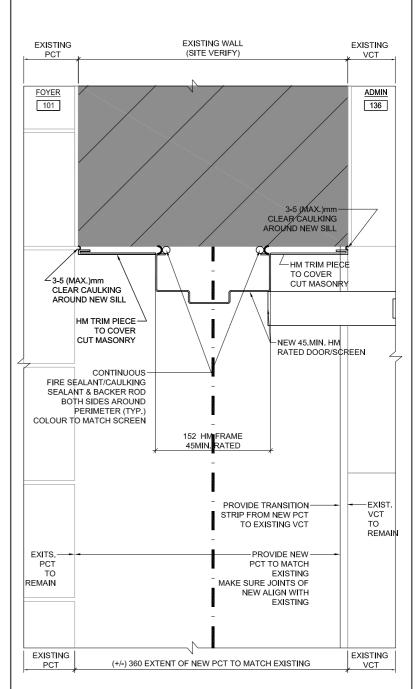


1HR RATED

1HR RATED 'S02' SCREEN HEADER



FOYER 101 EXIST. PCT-TO REMAIN -NEW BLOCK WALL 'P1' BEYOND PROVIDE NEW-PCT TO MATCH (REFER TO WALL TYPE SCHEDULE ON A301) FXISTING MAKE SURE JOINTS OF BULLNOSE CORNERS NEW ALIGN WITH ON ALL CONC. BLOCK EXPOSED CORNERS EXISTING DOOR/SCREEN & BACKER ROD BOTH SIDES AROUND PERIMETER (TYP.) COLOUR TO MATCH SCREEN EXIST. PCT -VESTIBULE TO REMAIN 101A



1 March.12/21 Issued for Permit / Tender
2 Nov.15/21 Re-Issued for Tender

Description

PROJECT
J. Douglas Hodgson E.S.
Door/Screen & Millwork
Renovations
1020 Grass Lake Road, Halliburton, ON



DOOR/ SCREEN
DETAILS

PHASE: Permit / Tender

DRAWN BY: S. MARQUES

REVIEWED BY: S. LENNOX

DATE: July, 2020

SCALE: As indicated

LENNOX ARCHITECTS NO.: 20 002

CONSTRUCTION TRUE NORTH

SHEET NUMBER: **A515**

1HR RATED S02' SCREEN SILL

6 11 STATED 'S02' SCREEN JAMB

7 45MIN. RATED 'S03' SCREEN JAMB

- 1. THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT. BREAKDOWN OF THE WORK BY TRADE IS THE RESPONSIBILITY OF THE CONTRACTOR. EXISTING CONDITIONS ARE ASSUMED. REPORT ANY INCONSISTENCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK
- 2. THIS IS A METRIC PROJECT. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE THESE DRAWINGS.
- 4. SEE ARCHITECTURAL DRAWINGS FOR FIREPROOFING REQUIREMENTS.
- 5. CODES AND STANDARDS:
 - 5.1. COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE ONTARIO BUILDING CODE (OBC) IN FORCE AND ALL REGULATIONS AND STANDARDS THAT ARE IN EFFECT AT THE TIME OF THE CONSTRUCTION.
- 6. SHOP DRAWING AND OTHER SUBMITTALS:
 - 6.1. SUBMIT FOR REVIEW BEFORE START OF WORK:
 - 6.1.1. STRUCTURAL STEEL
 - 6.2. SHOP DRAWINGS FOR STRUCTURAL STEEL MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN ONTARIO WITH CERTIFICATE OF AUTHORIZATION FOR PRACTICE AND REQUIRED LIABILITY INSURANCE.
 - REVIEW OF SHOP DRAWINGS IS ONLY FOR GENERAL CONFORMITY WITH 6.3. STRUCTURAL CONTRACT DOCUMENTS AND SPECIFICATIONS. COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE STRUCTURAL CONTRACT DOCUMENTS AND SPECIFICATIONS, NOR DO THEY AUTHORIZE ANY CHANGES TO THE CONTRACT. REVIEW OF A SPECIFIC ITEM SHALL NOT INCLUDE REVIEW OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. THE CONTRACTOR'S RESPONSIBILITIES INCLUDE ALL QUANTITIES, DETAIL DIMENSIONS, FIELD MEASUREMENTS, FABRICATION PROCESS, MEANS, METHODS, SEQUENCES AND PROCEDURES OF CONSTRUCTION, COORDINATION OF WORK WITH ALL TRADES AND PERFORMING ALL WORK IS A SAFE AND SATISFACTORY MANNER. THE REVIEW OF SHOP DRAWINGS DOES NOT IMPLY ANY CHANGE IN ANY OTHER CONSULTANTS' OR PROFESSIONALS' RESPONSIBILITIES RELATED TO DESIGN OF SPECIFIC ITEMS AS OUTLINED BY THE SPECIFICATIONS (SUCH AS STRUCTURAL STEEL CONNECTIONS, STEEL JOISTS, PRECAST ELEMENTS, ETC.).
 - 6.4. AFTER REVIEW OF SHOP DRAWINGS, ONLY ERECTION DIAGRAMS WILL BE RETURNED TO THE CONTRACTOR STAMPED TO SHOW ONE OF THE FOLLOWING:
 - 6.4.1. NOT REVIEWED IF THE WORK IS NOT IN LEA CONSULTING LTD. SCOPE
 - 6.4.2. REVIEWED NO COMMENTS NOTED
 - 6.4.3. REVIEWED AS MODIFIED COMMENTS NOTED ON THE DRAWINGS
 - 6.4.4. RESUBMIT CORRECTION OF THE NOTED ITEMS MUST BE MADE AND RESUBMITTED FOR REVIEW
 - 6.5. ALLOW A MINIMUM OF 10 WORKING DAYS FOR REVIEW OF EACH SUBMISSION OF SHOP DRAWINGS IN THE STRUCTURAL OFFICE. ALLOW MORE TIME WHEN LARGE QUANTITIES OF SHOP DRAWINGS ARE SUBMITTED ALONG WITH A PRIORITY LIST OF SUBMITTALS. SUBMIT IN ORDER WITH THE INTENDED SEQUENCE OF CONSTRUCTION.

7. EXISTING STRUCTURE:

- 7.1. EXISTING BUILDING STRUCTURAL INFORMATION IS BASED UPON DRAWINGS PREPARED BY PRACK & PRACK ARCHITECTS & ENGINEERS DATED OCT 1970.
- 7.2. EXISTING CONDITIONS ARE ASSUMED. REPORT ANY VARIATIONS TO THE CONSULTANT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK.
- 7.3. PROTECT EXISTING STRUCTURE EXPOSED TO TEMPORARY CONSTRUCTION LOADING AND ACTIVITIES. WORK REQUIRED TO CONNECT OR REWORK EXISTING STRUCTURE FOR THE NEW WORK IS WITHIN THIS CONTRACT.
- 7.4. PROVIDE TEMPORARY SHORING AND BRACING REQUIRED WHERE NEEDED.
- 7.5. MAKE GOOD ONCE STRUCTURAL WORK IS DONE AND REVIEWED.
- 8. STRUCTURAL MASONRY:
 - 3.1. CONFORM TO CSA-A371 "MASONRY CONSTRUCTION FOR BUILDINGS".
 - 8.2. MATERIALS:
 - 8.2.1. HOLLOW BLOCK: CSA A165.1-H/15/X/X
 - 8.2.2. SOLID BLOCK: CSA A165.1-S/15/X/X
 - 8.2.3. CONCRETE BRICK: CSA A165.2 TYPE I-25
 - 8.2.4. CLAY BRICK: CAN/CSA A82.1M GRADE SW
 - 8.2.5. BELOW-GRADE MORTAR: CSA A179M TYPE S
 - 8.2.6. ABOVE-GRADE MORTAR: CSA A179M TYPE N
 - 8.2.7. GROUT FOR BLOCK CORES: CSA A179M COARSE GROUT 1:3:2
 - 8.2.8. CEMENT:SAND:PEA STONE BY VOLUME WITH 200mm (8") SLUMP

- 8.3. DRILLED MASONRY ANCHORS (DMA) TO BE HILTI HLC SLEEVE ANCHORS OR EQUIVALENT. PULL TEST ANCHORS TO RATED CAPACITY AND REPORT RESULTS
- 8.4. NON LOAD-BEARING MASONRY WALLS ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS, SEE ARCHITECTURAL DRAWINGS.
- 8.5. LAY UNITS IN RUNNING BOND. ALL FACE SHELLS SHALL BE FULLY BEDDED. GROUT USING LOW LIFT GROUTING METHODS AND MAXIMUM 1500mm (5'-0") LIFTS. DO NOT USE MORTAR INSTEAD OF GROUT.
- 8.6. UNLESS OTHERWISE NOTED ON THE DRAWINGS, PROVIDE 3.66mm (9 GAUGE) GALVANIZED STEEL LADDER-TYPE JOINT REINFORCING EVERY SECOND BLOCK COURSE. PROVIDE JOINT REINFORCING IN THE FIRST TWO COURSES ABOVE AND BELOW WALL OPENINGS, AND EXTEND 600mm (2'-0") BEYOND EACH SIDE OF OPENING. USE HOT-DIPPED GALVANIZED MATERIAL FOR METAL TIES, GALVANIZED AFTER FABRICATION. USE PREFABRICATED CORNERS AND SPLICE LENGTHS OF 300mm (12") MINIMUM.
- 8.7. PROVIDE LATERAL SUPPORT AT TOPS OF ALL WALLS.
- 8.8. UNLESS OTHERWISE NOTED, PROVIDE MINIMUM 25 (1") DEFLECTION GAP AT TOP OF ALL NON LOAD BEARING MASONRY WALLS.
- 8.9. WHERE MASONRY WALLS ABUT COLUMNS OR CONCRETE WALLS, PROVIDE MINIMUM 25 (1") WIDE MOVEMENT JOINTS BETWEEN THEM AND FILL WITH COMPRESSIBLE MATERIAL. BUILD TIGHT FOR MASONRY SHEAR WALLS.
- 8.10. REINFORCED MASONRY: NO OVER-HANGING MORTAR OR DEBRIS SHALL BE ALLOWED INSIDE THE REINFORCED CELLS. REINFORCING SHALL BE PROVIDED FULL-LENGTH WITHOUT SPLICING, BUT MAY BE INSTALLED AFTER THE FIRST 1500mm (5'-0") OF MASONRY IS ERECTED. LOCATE RODS ACCURATELY IN THE CELLS AS SHOWN ON THE DRAWINGS. HOLD IN POSITION TOP AND BOTTOM. FILL CELLS CONTAINING REINFORCEMENT SOLIDLY WITH COARSE GROUT (DO NOT USE MORTAR). CONSOLIDATE BY PUDDLING WHEN PLACING AND AGAIN RECONSOLIDATE BEFORE PLASTICITY IS LOST. PLACE GROUT IN LIFTS NOT EXCEEDING 1500mm (5'-0"). STOP EACH LIFT 40mm (1 1/2") BELOW THE TOP OF A MASONRY UNIT.
- 8.11. PROVIDE CONTROL JOINTS AT 6m (20'-0") CENTRES MAXIMUM.
- 8.12. PROVIDE STANDARD LINTELS OVER ALL OPENINGS IN MASONRY WALLS AND PARTITIONS AS SHOWN ON TYPICAL DETAILS. CHECK ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENINGS REQUIRING STANDARD LINTELS WHICH ARE NOT NECESSARILY SHOWN ON THE STRUCTURAL DRAWINGS.

STRUCTURAL STEEL:

- 9.1. CONFORM TO CAN/CSA S16 "LIMIT STATES DESIGN OF STEEL STRUCTURES"
- 9.2. FABRICATOR SHALL BE CERTIFIED BY CANADIAN WELDING BUREAU UNDER REQUIREMENTS OF CSA W47.1, DIVISION 2 OR 3.
- 9.3. PROTECT COMBUSTIBLE MATERIALS AND FINISHES DURING WELDING OPERATIONS.
- 9.4. MATERIALS:
 - 9.4.1. CHANNEL, ANGLES: CAN/CSA G40.21, GRADE 350W
 - 9.4.2. PLATES AND BARS: CAN/CSA G40.21, GRADE 300W
 - 9.4.3. HIGH-STRENGTH BOLTS: ASTM A325M
- 9.5. REFERENCES:
 - 9.5.1. FABRICATION: CAN/CSA S16
 - 9.5.2. WELDING: CSA W59
 - 9.5.3. PRIMER PAINT: CISC/CPMA 2-75
- 9.6. ALL STRUCTURAL STEEL CONNECTIONS MUST BE DESIGNED BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR TO CONFORM TO CAN/CSA S16-01.
- 9.7. APPLY PRIMER PAINT TO ALL STEELWORK, EXCEPT WHERE ZINC-RICH PAINT IS CALLED FOR ON THE DRAWINGS. TOUCH-UP PAINT AFTER ERECTION.
- 9.8. PROVIDE ALL ERECTION BRACING REQUIRED TO KEEP THE STRUCTURE STABLE AND IN ALIGNMENT DURING CONSTRUCTION.

10. INSPECTION AND TESTING:

- 10.1. THE CONTRACTOR MUST PROVIDE INSPECTION REPORTS FOR STRUCTURAL STEEL INCLUDING STEEL DECKING, MASONRY STRENGTH TESTS AND TEST REPORTS FOR CONCRETE. ALL REPORTS MUST BE PREPARED BY AN INDEPENDENT INSPECTION AND TESTING AGENCY.
- 10.2. STRUCTURAL STEEL INSPECTION AND TESTING OF MATERIALS AND WORKMANSHIP, INCLUDING VISUAL THIRD-PARTY WELDING INSPECTION, WILL BE CARRIED OUT BY AN INDEPENDENT TESTING AGENCY. INDEPENDENT TESTING AGENCY TO BE CERTIFIED TO CSA W178.1 AND WELDING INSPECTOR TO BE CERTIFIED TO LEVEL 2 OR 3 OF CSA W178.2. SUBMIT INSPECTION AND TESTING CERTIFICATION AT THE REQUEST OF THE CONSULTANT.
- 10.3. MAKE ONE STANDARD TEST FOR EACH 50 CUBIC METRES OF CONCRETE, BUT NOT LESS THAN ONE TEST FOR CONCRETE CAST EACH DAY. PROVIDE A GROUP OF THREE CONCRETE CYLINDERS FOR EACH STANDARD CONCRETE TEST. BREAK ONE CYLINDER AT 7 DAYS.

10.4. AT LEAST 6 MORTAR CUBES ARE TO BE TESTED FOR EACH 500 SQUARE METRES OF WALL, OR PORTION THEREOF. AT LEAST 2 CYLINDER TESTS SHALL BE MADE FOR EACH 20 CUBIC METRES OF GROUT OR LESS. TEST METHODS AND RESULTS SHALL CONFORM TO CSA A179.

11. CONSTRUCTION REVIEW:

11.1. NOTIFY THE CONSULTANT TWO WORKING DAYS / 48 HOURS PRIOR TO CONCRETE POURS, BACKFILLING, AND COVERING UP THE STRUCTURE WITH FINISHES.

12. TEMPORARY WORKS

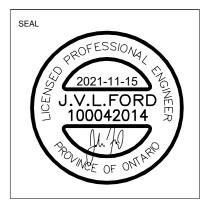
- 2.1. MAKE ADEQUATE PROVISIONS FOR ALL LOADS ACTING ON THE STRUCTURE DURING ERECTION. PROVIDE TEMPORARY SHORING AND BRACING TO KEEP THE STRUCTURE PLUMB AND IN TRUE ALIGNMENT DURING CONSTRUCTION. MEMBERS SHOWN ON THE PLANS ARE THOSE REQUIRED FOR THE COMPLETED STRUCTURE AND MAY NOT BE SUFFICIENT DURING CONSTRUCTION.
- 12.2. TEMPORARY BRACING AND SHORING ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR. PREPARE SHORING DRAWINGS SIGNED AND SEALED BY THE ENGINEER.
- 12.3. REROUTE ALL SERVICES IN AREAS AFFECTED BY CONSTRUCTION AS REQUIRED. PROVIDE TEMPORARY REROUTING AS REQUIRED TO KEEP THE BUILDING OPERATIONAL DURING CONSTRUCTION. SITE VERIFY SERVICES IMPACTED BY THE WORK, SERVICES PRESENT NOT NECESSARILY SHOWN ON PLANS.

13. REJECTED WORK:

13.1. DO NOT DELIVER TO THE SITE MATERIALS, WHICH ARE KNOWN NOT TO MEET THE REQUIREMENTS OF THE SPECIFICATIONS. IF REJECTED AFTER DELIVERY, REMOVE IMMEDIATELY FROM SITE.



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KEY PLAN

LEA Consulting Ltd.
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> J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations 1020 Grass Lake Road, Halliburton, ON, KOM ISO



GENERAL NOTES

PHASE: Permit / Tender

DRAWN BY: WD

REVIEWED BY: DG

DATE: March, 2021

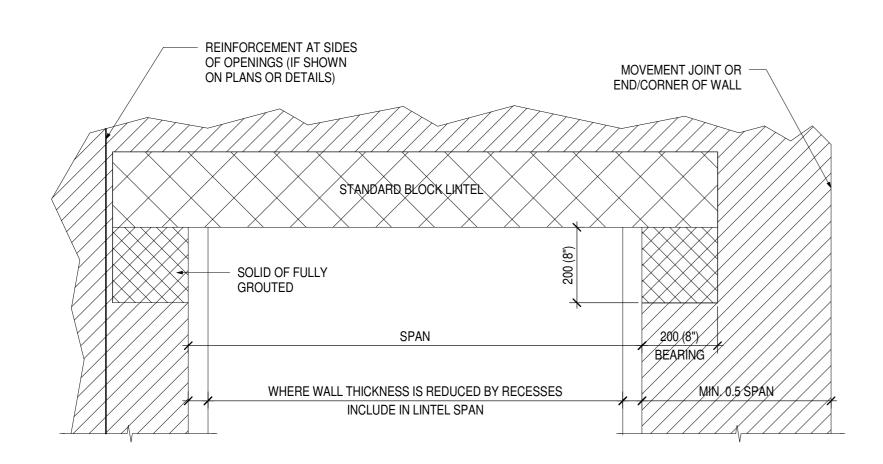
SCALE:

PROJECT NO.: 21302

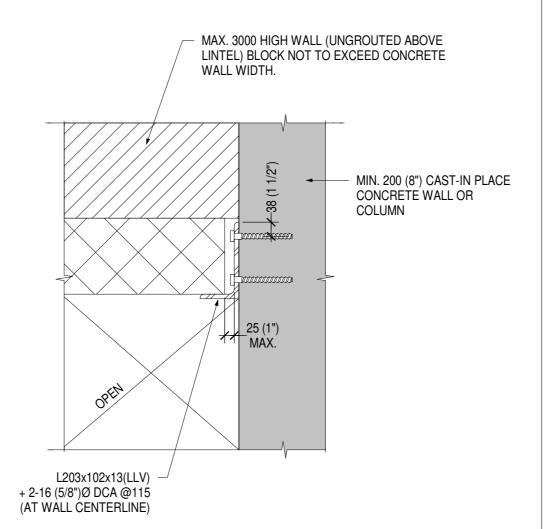


SHEET NUMBER:

SEE SD-312 FOR STANDARD STEEL LINTELS

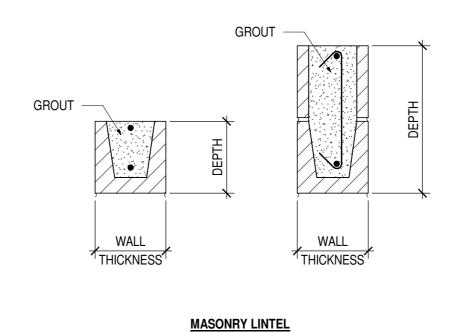


WALL THICKNESS	SPAN	BLOCK LINTEL DEPTH	REINFORCEMENT TOP & BOTTOM
	UP TO 1200 (4'-0")	190	1-10
22 (41)	1200 (4'-0") TO 1800 (6'-0")	N/A	N/A
90 (4")	1800 (6'-0") TO 2400 (8'-0")	N/A	N/A
	2400 (8'-0") TO 3000 (10'-0")	N/A	N/A
	UP TO 1200 (4'-0")	190	1-10
	1200 (4'-0") TO 1800 (6'-0")	190	1-10
140 (6")	1800 (6'-0") TO 2400 (8'-0")	390	1-10 +1-10@200 (8") STIRRUF
	2400 (8'-0") TO 3000 (10'-0")	N/A	N/A
	UP TO 1200 (4'-0")	190	1-15
	1200 (4'-0") TO 1800 (6'-0")	190	1-15
190 (8")	1800 (6'-0") TO 2400 (8'-0")	390	1-10 +1-10@200 (8") STIRRUI
	2400 (8'-0") TO 3000 (10'-0")	390	1-10 +1-10@200 (8") STIRRUF
	UP TO 1200 (4'-0")	190	1-15
	1200 (4'-0") TO 1800 (6'-0")	190	1-15
240 (10")	1800 (6'-0") TO 2400 (8'-0")	390	1-10 +1-10@200 (8") STIRRUI
	2400 (8'-0") TO 3000 (10'-0")	390	1-10 +1-10@200 (8") STIRRUF
	UP TO 1200 (4'-0")	190	1-15
	1200 (4'-0") TO 1800 (6'-0")	190	1-15
290 (12")	1800 (6'-0") TO 2400 (8'-0")	390	1-10 +1-10@200 (8") STIRRUI
	2400 (8'-0") TO 3000 (10'-0")	390	1-10 +1-10@200 (8") STIRRUI



NOTES:

- 1. DO NOT USE MASONRY LINTELS FOR OPENINGS WHERE MOVEMENT JOINT OR WALL END OR CORNER IS LOCATED LESS THAN 0.5 OF THE LINTEL SPAN AWAY FROM THE FACE OF THE OPENING.
- 2. STANDARD LINTELS ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENING LOCATIONS.
- 3. SEE PLANS FOR SPECIAL LINTELS.
- 4. FILL LINTEL BLOCKS WITH 20MPa GROUT. IT IS NOT ACCEPTABLE TO FILL LINTELS WITH MORTAR.





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KEY PLAN



RE	VISIONS	
No.	Date	Description
1	2021-03-12	ISSUED FOR PERMIT & TENDER
2	2021-04-23	ISSUED FOR PERMIT & TENDER (2)
3	2021-11-15	ISSUED FOR RETENDER

J. Douglas Hodgson E.S.
Door/Screen & Millwork
Renovations
1020 Grass Lake Road, Hallburton, ON,



SHEET TITLE

TYPICAL DETAILS

PHASE: Permit / Tender

DRAWN BY: WD

REVIEWED BY: DG

DATE: March, 2021

SCALE: 1:20

PROJECT NO.: 21302





SHEET NUMBER:

NOTES:

- 1. DCA TO BE HILTI KB-3 WITH 64 EMBEDMENT
- 2. PROVIDE 30mm DEFLECTION GAP TYPICAL U/N

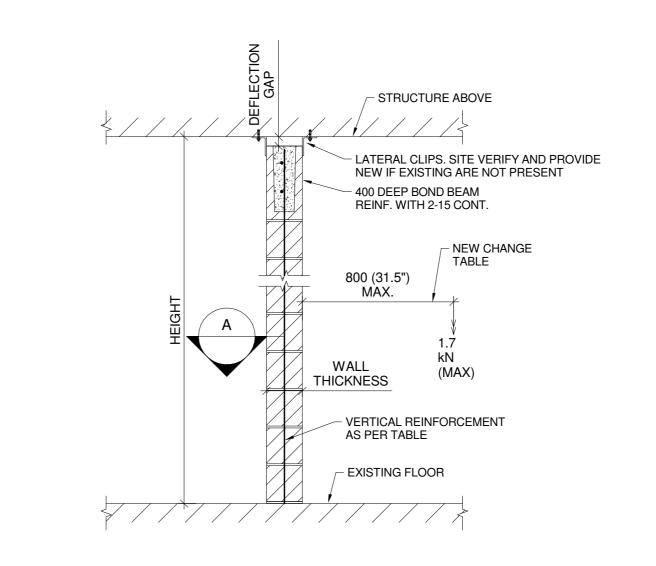
ROOF JOISTS OR BEAMS

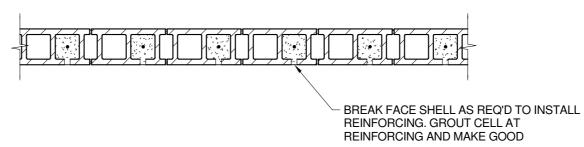
3. MINIMUM WALL THICKNESS IS 140 FOR INTERIOR WALLS AND 190 FOR EXTERIOR WALLS, WALL HEIGHT SHALL NOT EXCEED 36 TIMES WALL THICKNESS FOR INTERIOR WALLS AND 20 TIMES WALL THICKNESS FOR EXTERIOR WALLS.

ROOF/FLOOR JOISTS OR BEAMS

- 4. FOR EXTERIOR WALL LATERAL SUPPORT INCREASE 150 LG. ANGLE/BENT PLATE SHOWN IN THE DETAILS TO 250 LG. AND REPLACE 2-10 DIA DCA WITH 2-12 DIA DCA + INCREASE ALL BENT PLATES TO 6mm THK.
- 5. FOR CONCEALED LATERAL SUPPORT REFER TO ARCH SPEC AND DRAWINGS.









*ALTERNATIVELY BUILD NEW WALL WITH VERTICAL REINFORCING

P-M-002

- SITE VERIFY EXISTING WALL THICKNESS
- PROVIDE REINFORCING AND BOND BEAM ALONG CHANGE TABLE LENGTH
- FASTEN CHANGE TABLE INTO WALL AS PER MANUFACTURER'S REQUIREMENTS. FULLY GROUT CORES AT FASTENER LOCATIONS.
- EXISTING WALLS ARE ASSUMED TO BE UNREINFORCED. BREAK OUT FACE SHELLS AND INSTALL NEW REINFORCEMENT. GROUT SOLID AND MAKE GOOD
- 5. IF TOP OF WALL LATERAL CLIPS ARE NOT PRESENT, PROVIDE NEW LATERAL CLIPS AS PER APPLICABLE DETAILS

WALL	WALL THICKNESS								
HEIGHT	140	190	240	290					
< 3m	5-15@400V	5-15@400V	UNREINFORCED	UNREINFORCED					
3m-4m	5-15@400V	5-15@400V	5-15@400V	UNREINFORCED					
4m-5m	NOT PERMITTED	5-15@400V	5-15@400V	UNREINFORCED					
5m-6m	NOT PERMITTED	NOT PERMITTED	5-15@400V	UNREINFORCED					



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KEY PLAN

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REVISIONS	
No. Date	Description
1 2021-03-1	2 ISSUED FOR PERMIT & TENDER
2 2021-04-2	3 ISSUED FOR PERMIT & TENDER (2)
3 2021-11-1	5 ISSUED FOR RETENDER

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations



TYPICAL DETAILS

PHASE: Permit / Tender WD DRAWN BY: REVIEWED BY: DG March, 2021 SCALE: 1:20 PROJECT NO.: 21302

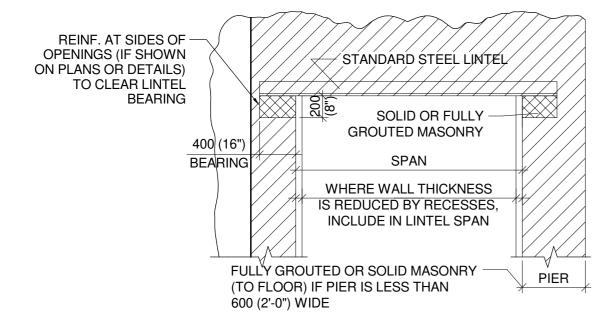




SHEET NUMBER:

NOTES:

- 1. CONNECT BACK TO BACK DOUBLE ANGLES USING MIN. 16 (5/8")Ø BOLTS @ 450 (1'-6") MAX , OR BY WELDING @ TOP & BOTTOM USING 6mm (1/4") WELDS x 50 (2") LG. @ 450 (1'-6") MAX.
- LOCATE FIRST CONNECTION MAX. 75 (3") FROM END OF LINTEL.
- 2. PROVIDE SHORING AND BRACING AS REQUIRED.
- 3. GROUT MASONRY AT SUPPORTS PRIOR TO SAWCUTTING.
- 4. PROVIDE STEEL PACKING AS REQUIRED TO PROVIDE EVEN BEARING OF STEEL LINTELS.

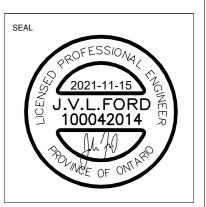


WALL THICKNESS	ANGLE SIZE (SPAN)	DETAIL
90 (4") VENEER	L152x89x13	<u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u>
140 (6")	2-L89x64x13 + 100x13 BOT PL.	64 + 64
190 (8")	2-L152x89x13	89 89
240 (10")	2-L178x102x13	102102
290 (12")	2-L203x102x19 + 279x13 BOT PL.	102 102

WHEN EXISTING WALL HAS BOTH VENEER AND BLOCK BACKUP, PROVIDE LINTELS FOR BOTH VENEER AND BACKUP BLOCK



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****	WILLAICA	
RE\	/ISIONS	
No.	Date	Description
1	2021-03-12	ISSUED FOR PERMIT & TENDER
2	2021-04-23	ISSUED FOR PERMIT & TENDER (2)
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Door/Screen & Millwork
Renovations
1020 Grass Lake Road, Hallburton, ON,



SHEET TITLE

TYPICAL DETAILS

PHASE: Permit / Tender

DRAWN BY: WD

REVIEWED BY: DG

DATE: March, 2021

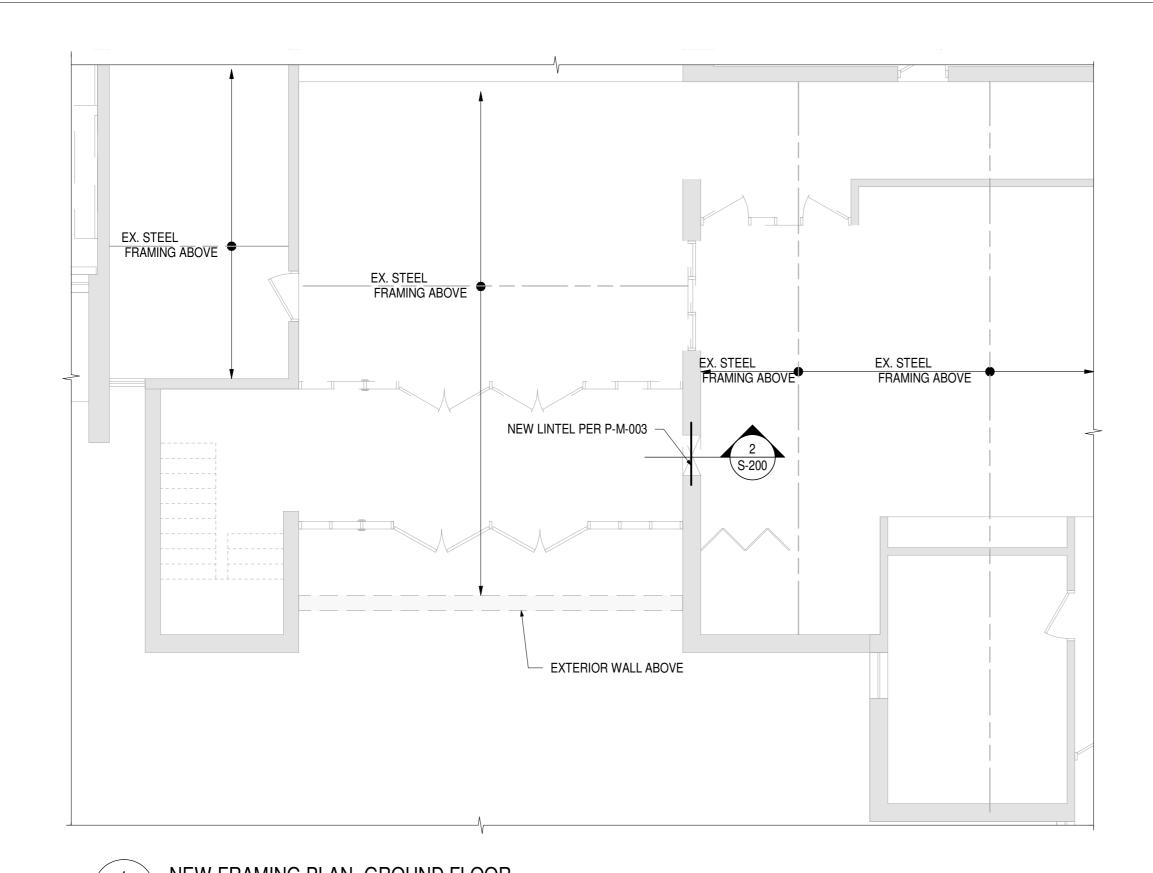
SCALE: 1:20

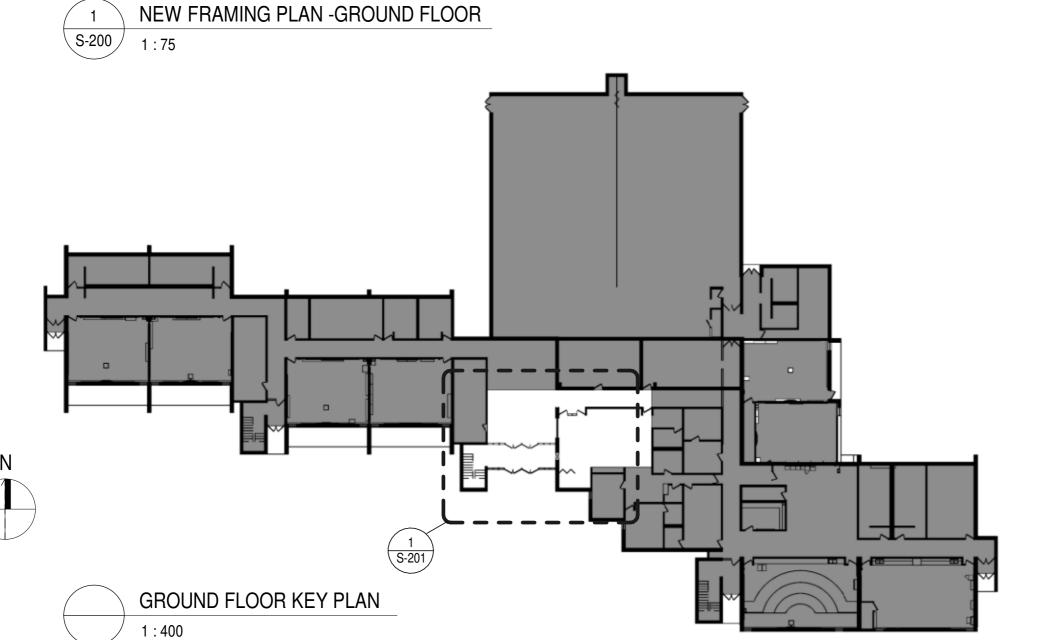
PROJECT NO.: 21302

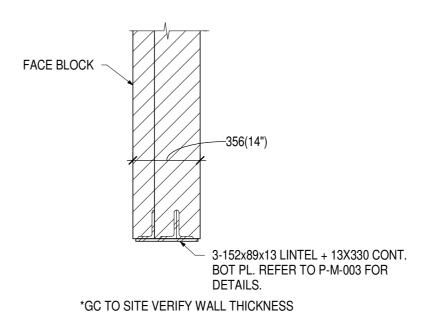
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SHEET NUMBER:







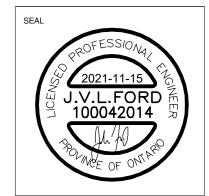
2 Section 1 S-200 1:20

FRAMING PLAN NOTES:

- REFER GENERAL REQUIREMENTS AND DETAILS.
 PROVIDE TEMPORARY SHORING AS REQUIRED.
- 3. SITE VERIFY EXISTING CONDITIONS AS REQUIRED. REPORT ANY
- VARIATIONS TO THE CONSULTANT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK.
- PATCH AND MAKE GOOD AS REQUIRED.
- 5. MASONRY WALL LINTELS:
 - 1. SITE VERIFY EXISTING WALL THICKNESSES.
 - PROVIDE TEMPORARY SHORING AS REQUIRED.
 REFER TO ARCHITECTURAL DRAWINGS FOR OPENING
 - LOCATIONS.



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RE	VISIONS	
No.	Date	Description
1	2021-03-12	ISSUED FOR PERMIT & TENDER
2	2021-04-23	ISSUED FOR PERMIT & TENDER (2)
3	2021-11-15	ISSUED FOR RETENDER

J. Douglas Hodgson E.S.
Door/Screen & Millwork
Renovations
1020 Grass Lake Road, Hallburton, ON,



NEW FRAMING PLANS

Permit / Tender

DRAWN BY: WD
REVIEWED BY: DG

PHASE:

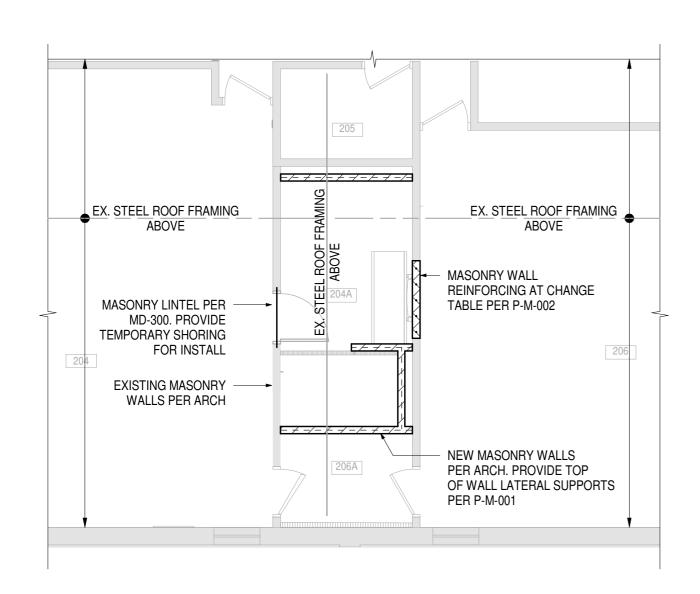
DATE: March, 2021

SCALE: As indicated

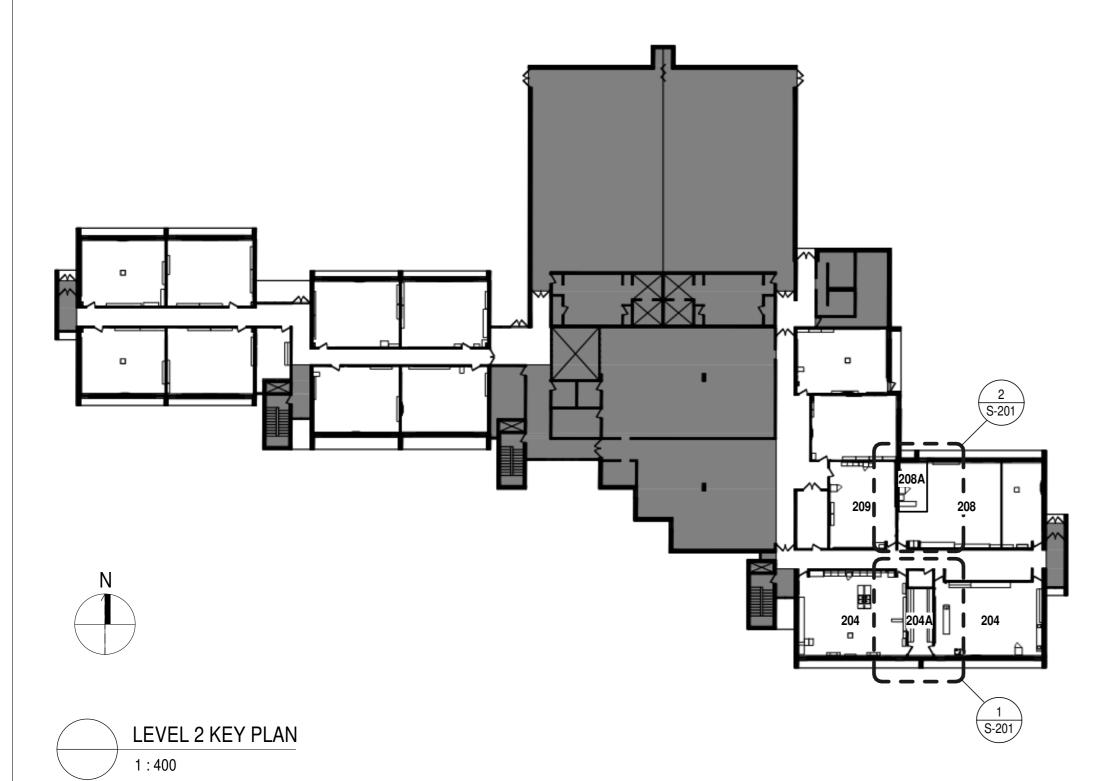
PROJECT NO.: 21302

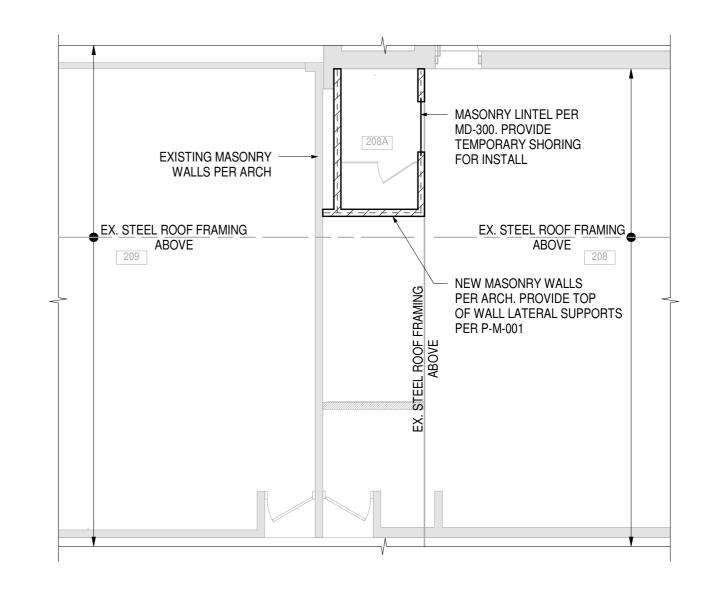


SHEET NUMBER:



NEW FRAMING PLAN - CLASSROOM 204, 206, & 206A S-201 1:75





NEW FRAMING PLAN - CLASSROOM 209 & 208

S-201

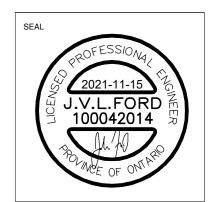
1:75

FRAMING PLAN NOTES:

- REFER GENERAL REQUIREMENTS AND DETAILS.
- PROVIDE TEMPORARY SHORING AS REQUIRED.
- SITE VERIFY EXISTING CONDITIONS AS REQUIRED. REPORT ANY VARIATIONS TO THE CONSULTANT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK.
- PATCH AND MAKE GOOD AS REQUIRED.
- EXISTING MASONRY WALLS TO BE REMOVED PER ARCH DRAWINGS ARE ASSUMED TO BE NON-LOAD BEARING. NOTIFY CONSULTANT IF ANY WALLS TO BE REMOVED ARE SUPPORTING ROOF OR FLOOR FRAMING.
- ROOF NOTES:
 - EXISTING ROOF FRAMING IS SHOWN SCHEMATICALLY ONLY. SITE VERIFY EXISTING FRAMING LOCATIONS AND SIZES.
 - ALL NEW MASONRY WALLS TO BE TAKEN TO UNDERSIDE OF ROOF/FLOOR STRUCTURE. PROVIDE LATERAL SUPPORT AT TOP
- TYPICAL. REFER TO DETAILS. MASONRY WALL LINTELS:
- SITE VERIFY EXISTING WALL THICKNESSES.
- PROVIDE TEMPORARY SHORING AS REQUIRED.
- REFER TO ARCHITECTURAL DRAWINGS FOR OPENING LOCATIONS.



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KEY PLAN

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REVISIONS No. Date ISSUED FOR PERMIT & 1 2021-03-12 TENDER ISSUED FOR PERMIT & TENDER (2) 3 2021-11-15 ISSUED FOR RETENDER

PROJECT
J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations
20 Grass Lake Road, Halliburton, ON

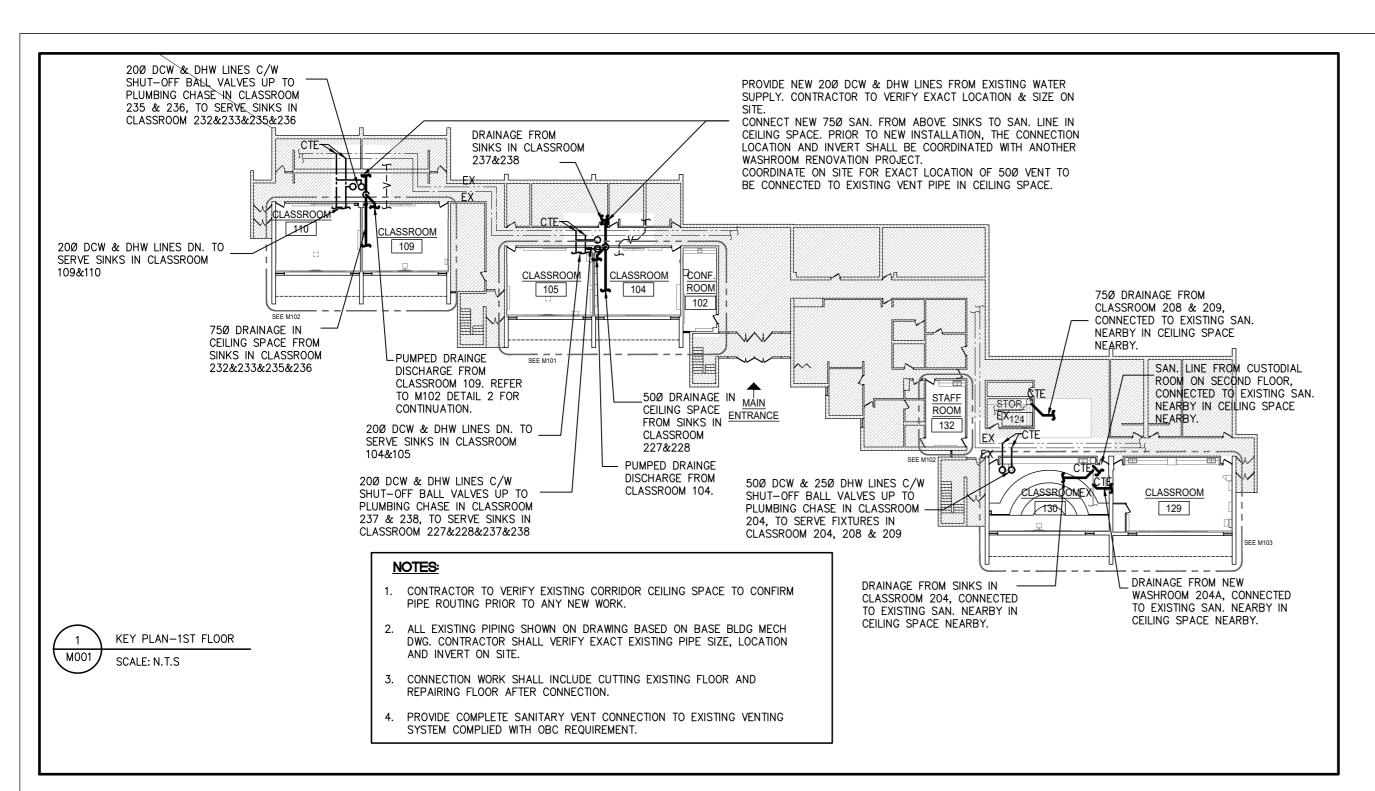


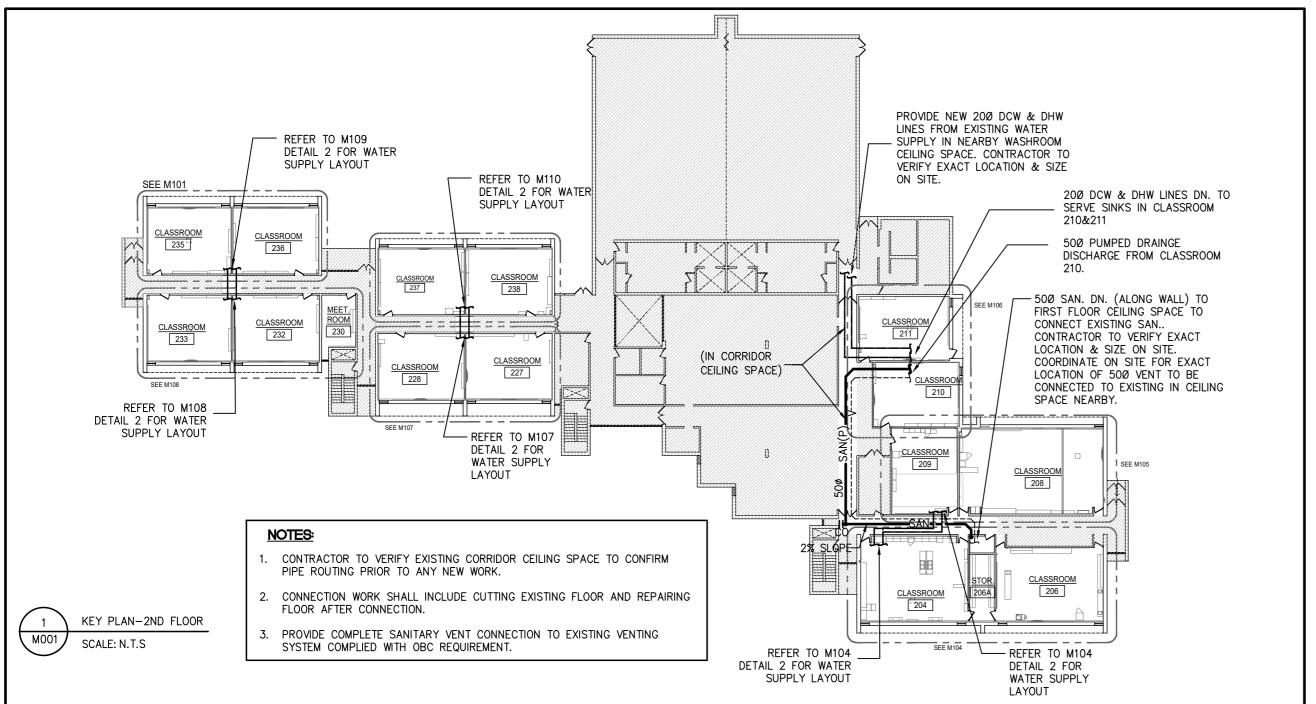
NEW FRAMING PLANS

Permit / Tender PHASE: WD DRAWN BY: REVIEWED BY: DG March, 2021 SCALE: As indicated PROJECT NO.: 21302

CONSTRUCTION NORTH

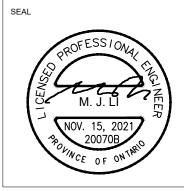
SHEET NUMBER:





	MECHANICAL DRAWING LIST					
DWG. NO.	DRAWING TITLE					
M001	001 MECHANICAL DRAWING LIST AND KEY PLAN					
M002 MECHANICAL LEGEND, SCHEDULE AND DETAIL						
M003	PLUMBING SPECIFICATION					
M101	MECHANICAL PLAN - CLASSROOM 104 & 105 AND CONFERENCE RM 102					
M102	MECHANICAL PLAN - CLASSROOM 109 & 110 AND STAFF RM 132					
M103	MECHANICAL PLAN - CLASSROOM 129 & 130					
M104	MECHANICAL PLAN - CLASSROOM 204 & 206 & UNIV. WR. 204A					
M105	MECHANICAL PLAN - CLASSROOM 208 & 209 & WR. 208A					
M106	MECHANICAL PLAN - CLASSROOM 210 & 211					
M107	MECHANICAL PLAN - CLASSROOM 227 & 228					
M108	MECHANICAL PLAN - CLASSROOM 232 & 233					
M109	MECHANICAL PLAN - CLASSROOM 235 & 236					
M110	MECHANICAL PLAN - CLASSROOM 237 & 238					





KEY PLAN

No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



SHEET TITLE

MECHANICAL DRAWING LIST AND KEY PLAN

PHASE: Schematic Design

DRAWN BY: MT

REVIEWED BY: ML

DATE: Dec, 2020

SCALE: N.T.S.

HL ENGINEERING NO.: 20070B





TRUE NORTH

SHEET NUMBER:

M001

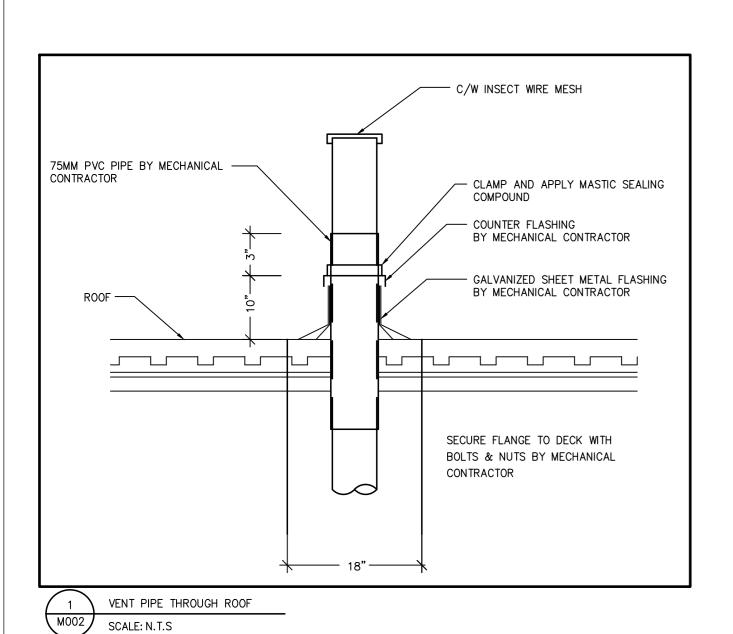
PUMP SCHEDULE										
SYMBOL	SERVICE	MFGR.	CAT. No.	(GPM)	HD. (FT)	NONIMAL POWER	ELECT.	REMARKS		
P-1	DRAINAGE PUMP LIBERTY PUMPS MODEL 405 5 24 1/2 HP 115/1/60 NOTE 1, 2									
NOTES:	NOTES: 1. PRE-ASSEMBLED AUTOMATIC PACKAGED DRAIN PUMP, PROVIDE UNION, CHECK VALVE & SHUT-OFF VALVE AND STANDARD ALARM. 2. C/W POWER CORD, RECEPTACLE TO BE PROVIDED BY ELEC. DIV									

	PLUMBING FIXTURE SCHEDULE							
TYPE	FIXTURE	D.H.W.	D.C.W.	VENT	SANITARY	NOTES		
S-1	SINK	1/2"	1/2"	1-1/4"	1-1/2"	COUNTER MOUNTED, C/W SENSOR FAUCET, 0.5GPM, STAINLESS STEEL, SINK SIZE TO MATCH MILLWORK		
AS-1	SINK	1/2"	1/2"	1-1/4"	1-1/2"	COUNTER MOUNTED, C/W SENSORL FAUCET, 2.2GPM, STAINLESS STEEL, SINK SIZE TO MATCH MILLWORK		
T-1	TOILET	-	3/4"	1-1/2"	3"	FLOOR MOUNTED, TANK TYPE, 1.6GPF		
T-2	TOILET	-	1"	1-1/2"	3"	BARRIER FREE, FLOOR MOUNTED, FLUSH VALVE, 1.6GPF		
L-1	LAVATORY	1/2"	1/2"	1-1/4"	1-1/4"	WALL MOUNTED, NO-TOUCH FAUCET, 0.5GPM		
L-2	LAVATORY	1/2"	1/2"	1-1/4"	1-1/4"	BARRIER FREE, WALL MOUNTED, NO-TOUCH FAUCET, 0.5GPM		
SH-1	SHOWER	1/2"	1/2"	1-1/4"	3"	BARRIER FREE, MAXIMUM FLOW 2.5 GPM		

	SOLID INTERCEPTOR SCHEDULE					
SYMBOL	SERVICE	MAKE & MODEL	FLOW RATE (GPM)	DIMENSIONS	REMARKS	
SI-1	SINKS IN CLASSROOMS	ZURN Z1180	15	318x190ø	NOTE 1	
NOTES:	1. PROVIDE ON-FLOOR MOUNTE	D SOLID INTERCEPTORS U	NDER SINKS IN LIEU OF	P" TRAPS.		

	FAN SCHEDULE									
					FAN				CONTROL	DEMARKS
UNIT No.	MANUFACTURER		FLOW RATE (CFM)	ESP (IN. W.C)	TYPE	RPM	TOR WATT	V/PH/HZ	CONTROL	REMARKS
EF-1	GREENHECK	CSP-A250	200	0.5	INLINE	_			MANUAL SWITCH	NOTE 1, 2
EF-2	GREENHECK	SP-B110	90	0.5	CEILING FAN	-	80.2	115/1/60	LIGHTING SWITCH	NOTE 1, 2

NOTES: 1. MANUAL SWITCH, LIGHTING SWITCH SUPPLIED AND INSTALLED BY ELECTRICAL DIVISION. 2. C/W GRAVITY/BACKDRAFT DAMPER.



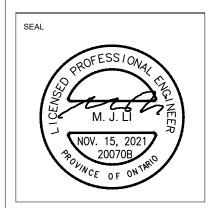
	GRILLE & DIFFUSER SCHEDULE					
REF. LETTER	TYPE	MAKE/MODEL	DAMPER	FINISH	REMARKS	
Α	EXHAUST AIR GRILLE	E.H. PRICE MODEL 630	N	B-12	ALUMINIUM LOUVRED FACE GRILLE SIZE AS SHOWN ON DRAWING	
NOTES	: 1. COLOUR TO ARC	CHITECT'S CHOICE	E.			

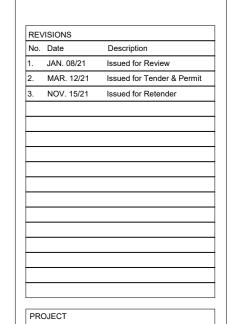
	HVAC LEGEND
SYMBOL	DESCRIPTION
	DUCTWORK (SINGLE LINE)
/···\/	FLEXIBLE DUCT
	CONTROL WIRE
─	DUCT REDUCER
① 🗓	THERMOSTAT
TS	TIME SWITCH
DG 	DOOR GRILLE
uc I-	DOOR UNDERCUT
₹ BD ← BD	BALANCING DAMPER
FD FD	FIRE DAMPER
\boxtimes	SQUARE SUPPLY AIR DIFFUSER
	RETURN OR EXHAUST AIR GRILLE
X Y Z	DIFFUSER/GRILLE TYPE X - TYPE Y - SIZE (MM) Z - AIR VOLUME (L/S)

	PLUMBING LEGEND
SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	BURIED SANITARY DRAIN OR IN CEILING SPACE/FLOOR BELOW
	SUSPENDED SANITARY DRAIN
	CLEANOUT PLUG
——D CO	FLOOR CLEANOUT
<u></u>	CAPPED CONNECTION
<i>─</i> → <i>─</i> →	ELBOW, TURNED DOWN AND TURNED UP
	PIPE CUT
	PIPE DOWN
	PIPE UP
	SANITARY ROUGH-IN
<u></u> —	VALVE SHUT-OFF
	CHECK VALVE
⊖ FD ⊜ FD	FLOOR DRAIN

	ABBREVIATIONS
ABBREV.	DESCRIPTION
BBH	BASEBOARD HEATER
DN	DOWN
NIC	NOT IN CONTRACT
AFF	ABOVE FINISHED FLOOR
CTE	CONNECT TO EXISTING
RE	DENOTES EXISTING DEVICE(S) IN RELOCATED POSITION
R	DENOTES EXISTING DEVICE(S) TO BE RELOCATED
D	DENOTES EXISTING DEVICE(S) TO BE REMOVED
EX	DENOTES EXISTING DEVICE(S) TO REMAIN
N	DENOTES PROVIDE NEW DEVICE(S)
1	DENOTES DRAWING REFERENCE NOTES # 1
R	EXISTING SERVICES OR EQUIPMENTS TO BE RELOCATED
X M001	—REFER TO DETAIL No. —ON DRAWING No.







J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations



SHEET TITLE

MECHANICAL LEGEND, SCHEDULE AND DETAIL

PHASE: Schematic Design

DRAWN BY: MT

REVIEWED BY: ML

DATE: Dec, 2020

SCALE: N.T.S.

HL ENGINEERING NO.: 20070B





TRUE NORTH

SHEET NUMBER: M002

'S-1', COUNTERTOP MOUNT SINK - SENSOR FAUCET - BATTERY POWERED

KOHLER UNDERTONE PRESERVE UNDER-MOUNT KITCHEN SINK #K-3325-HCF, SINGLE BOWL. OVERALL DIMENSIONS: LEFT TO RIGHT: 584MM, FRONT TO BACK: 445MM. BOWL DIMENSIONS: 540MM LENGTH, 400MM WIDTH, BOWL DEPTH: 241MM, DRAIN HOLE: 94 MM. MATERIAL: 18 GAUGE STAINLESS STEEL. FAUCET: MOEN MODEL: CA8303

CHROME PLATED SOLID BRASS BODY. GOOSENECK SINGLE MOUNT FAUCET. 5.75"X6"X10.25" GOOSENECK INCLUDED.

ADJUSTABLE INFRARED SENSOR (RANGE, TURN OFF DELAY AND OBSTRUCTION DELAY). TEMPERATURE CONTROLLED BY MIXING VALVE. BATTERY POWERED. SUPPLIED WITH VANDAL RESISTANT 0.5 GPM (1.9 L/MIN) AERATOR (WITH KEY)

IN-LINE FILTER INCLUDED. SLOW CLOSE SOLENOID VALVE.

THIRD PARTY CERTIFIED TO CSA B-125.1/ASME A112.18.1, AND ALL APPLICABLE SPECIFICATIONS REFERENCED THEREIN. CONTAINS NO MORE THAN 0.25% WEIGHTED AVERAGE LEAD CONTENT.

FAUCET SENSOR ACTIVATION DISTANCE SHALL BE SET TO 5.5"; FAUCET OPERATION MODE: SENTINEL FLOW SHALL BE SET TO "OFF"; METERING MODE SHALL BE SET TO "OFF".

MIXING VALVE: ZURN MODEL: ZW1070XL AQUA-GARD THERMOSTATIC MIXING VALVE

THE THERMOSTATIC MIXING VALVE SHALL BE INSTALLED AT THE POINT OF USE TO ASSIST IN THE PREVENTION OF SCALDING. THE VALVE'S EXTREMELY RAPID RESPONSE RATE MAKE IT MOST SUITABLE FOR INSTALLATION AT PLUMBING FIXTURES AND APPLIANCES FOR THE FINAL CONTROL OF WATER TEMPERATURE. THE ZW1070XL IS ASSE 1070 LISTED FOR FIXTURES, SINKS, LAVATORIES OR BATHTUBS AND WILL MIX HOT AND COLD WATER FROM THE DISTRIBUTION SYSTEM TO A FINAL SAFER TEMPERATURE OF 95-115" (35-46°C). MULTIPLE END CONFIGURATIONS MAKE THIS VALVE SUITABLE FOR ALL RESIDENTIAL AND COMMERCIAL INSTALLATIONS.

STANDARDS COMPLIANCE: ASSE LISTED 1070. IAPMO LISTED. CSA CERTIFIED B125.70. MEETS THE REQUIREMENTS OF NSF/ANSI 61-9 (0.25% MAX.WEIGHTED

PROVIDE ON-FLOOR MOUNTED SOLID INTERCEPTOR UNDER SINK IN LIEU OF "P" TRAP IN CLASSROOMS; MODEL: ZURN Z1180. VERIFY SOLID INTERCEPTOR SIZE AND UNDER COUNTER SPACE PRIOR TO ORDERING SOLID INTERCEPTOR TO ENSURE THE SOLID INTERCEPTOR CAN BE ADEQUATELY INSTALLED. MCGUIRE #LFH165LKN3 FAUCET SUPPLIES, CHROME PLATED FINISH POLISHED BRASS, HEAVY DUTY ANGLE STOPS, 10 MM (3/8") I.P.S. INLET X 76 MM (3") LONG RIGID HORIZONTAL NIPPLES, V.P. LOOSE KEYS, ESCUTCHEON AND FLEXIBLE COPPER RISERS.

AS-1, MUSIC CLASSROOM SINK - SENSOR FAUCET - BATTERY POWERED

FRANKE COMMERCIAL #ART48-1 TROUGH SINK, 1270 MM (50") WIDE X 483 MM (19") LONG X 203 MM (8") HIGH DEEP, COUNTER MOUNTED, NO LEDGE, GRADE 18-10 18 GA. (1.2 MM) TYPE 304 STAINLESS STEEL, SELF-RIMMING, SATIN FINISH RIM AND BOWLS, MOUNTING KIT PROVIDED, FULLY UNDERCOATED TO REDUCE CONDENSATION AND RESONANCE, 3-1/2" (89 MM) CRUMB CUP WASTE ASSEMBLY WITH 1-1/2" (38 MM) TAILPIECE.

FAUCET: MOEN MODEL: CA8303

CHROME PLATED SOLID BRASS BODY. GOOSENECK SINGLE MOUNT FAUCET. 5.75"X6"X10.25" GOOSENECK INCLUDED.

ADJUSTABLE INFRARED SENSOR (RANGE, TURN OFF DELAY AND OBSTRUCTION DELAY). TEMPERATURE CONTROLLED BY MIXING VALVE. BATTERY POWERED. SUPPLIED WITH VANDAL RESISTANT 0.5 GPM (1.9 L/MIN) AERATOR (WITH KEY)

IN-LINE FILTER INCLUDED. SLOW CLOSE SOLENOID VALVE.

THIRD PARTY CERTIFIED TO CSA B-125.1/ASME A112.18.1, AND ALL APPLICABLE SPECIFICATIONS REFERENCED THEREIN. CONTAINS NO MORE THAN 0.25% WEIGHTED AVERAGE LEAD CONTENT.

FAUCET SENSOR ACTIVATION DISTANCE SHALL BE SET TO 5.5"; FAUCET OPERATION MODE: SENTINEL FLOW SHALL BE SET TO "OFF"; METERING MODE SHALL BE SET TO "OFF".

MIXING VALVE: ZURN MODEL: ZW1070XL AQUA-GARD THERMOSTATIC MIXING VALVE

THE THERMOSTATIC MIXING VALVE SHALL BE INSTALLED AT THE POINT OF USE TO ASSIST IN THE PREVENTION OF SCALDING. THE VALVE'S EXTREMELY RAPID RESPONSE RATE MAKE IT MOST SUITABLE FOR INSTALLATION AT PLUMBING FIXTURES AND APPLIANCES FOR THE FINAL CONTROL OF WATER TEMPERATURE. THE ZW1070XL IS ASSE 1070 LISTED FOR FIXTURES, SINKS, LAVATORIES OR BATHTUBS AND WILL MIX HOT AND COLD WATER FROM THE DISTRIBUTION SYSTEM TO A FINAL SAFER TEMPERATURE OF 95-115" (35-46°C). MULTIPLE END CONFIGURATIONS MAKE THIS VALVE SUITABLE FOR ALL RESIDENTIAL AND COMMERCIAL INSTALLATIONS.

STANDARDS COMPLIANCE: ASSE LISTED 1070. IAPMO LISTED. CSA CERTIFIED B125.70. MEETS THE REQUIREMENTS OF NSF/ANSI 61-9 (0.25% MAX.WEIGHTED AVERAGE LEAD CONTENT).

PROVIDE ON-FLOOR MOUNTED SOLID INTERCEPTOR UNDER SINK IN LIEU OF "P" TRAP IN CLASSROOMS; MODEL: ZURN Z1180. VERIFY SOLID INTERCEPTOR SIZE AND UNDER COUNTER SPACE PRIOR TO ORDERING SOLID INTERCEPTOR TO ENSURE THE SOLID INTERCEPTOR CAN BE ADEQUATELY INSTALLED. MCGUIRE #LFH165LKN3 FAUCET SUPPLIES, CHROME PLATED FINISH POLISHED BRASS, HEAVY DUTY ANGLE STOPS, 10 MM (3/8") I.P.S. INLET X 76 MM (3") LONG RIGID HORIZONTAL NIPPLES, V.P. LOOSE KEYS, ESCUTCHEON AND FLEXIBLE COPPER RISERS.

'T-1', FLOOR MOUNTED TOILET - VITREOUS CHINA - TANK TYPE

AMERICAN STANDARD CADET FLOWISE ELONGATED PRESSURE-ASSISTED #2462.100 TOILET, 381 MM HIGH, VITREOUS CHINA WITH EVERCLEAN SURFACE WHICH INHIBITS THE GROWTH OF STAIN AND ODOR CAUSING BACTERIA MOLD AND MILDEW, WHITE FINISH, FLOOR MOUNTED, CADET FLUSHING SYSTEM WITH POWERWASH RIM SIPHON FLUSHING SYSTEM WHICH SCRUBS BOWL WITH EVERY FLUSH, 4.2 L (1.1 US GAL) PER FLUSH, 305 MM X 254 MM (12" X 10") WATER SURFACE, TWO PIECE, 'SPEED CONNECT' TANK ASSEMBLY, LINED TANK, 305 MM (12") ROUGH-IN, ELONGATED BOWL, 54 MM (2-1/8") FULLY GLAZED INTERNAL TRAPWAY, FLOOR OUTLET, BOLT CAPS. PROVIDE BOLTED TANK COVER IF REQUIRED.
CENTOCO #820STS.001 TOILET SEAT, EXTRA HEAVY DUTY, FOR ELONGATED BOWL, OPEN FRONT, SOLID PLASTIC, WITH COVER, STAINLESS STEEL CHECK

HINGES, MËTAL FLAT WASHERS STAINLESS STEEL POSTS AND NUTS

MCGUIRE #LFH172BV TOILET SUPPLY, CHROME PLATED FINISH POLISHED BRASS, COMMERCIAL DUTY 1/4 TURN BALL VALVE ANGLE STOPS, 13 MM (1/2") I.D. INLET X 127 MM (5") LONG RIGID HORIZONTAL INTEGRAL COPPER SWEAT TUBE NIPPLES, COMBINATION V.P. LOOSE KEY HANDLES, ESCUTCHEON AND FLEXIBLE COPPER RISERS. PROVIDE FLOOR FLANGE, (SAME MATERIAL AS THE CONNECTING PIPE DRAIN), WITH ALL BRASS BOLTS AND WITH RUBBER GASKET.

<u>'T-2', FLOOR MOUNTED TOILET - VITREOUS CHINA - FOR FLUSHOMETER - EXPOSED - BATTERY POWERED- BARRIER FREE</u>

AMERICAN STANDARD MADERA FLOWISE RIGHT HEIGHT ELONGATED #3461.001.020 HET TOILET, 419 MM HIGH, VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE WHICH INHIBITS THE GROWTH OF STAIN AND ODOR CAUSING BACTERIA MOLD AND MILDEW, WHITE FINISH, FLOOR MOUNTED, SIPHON JET FLUSH ACTION, OPERATES IN THE RANGE OF 4.2 L TO 6 L (1.1 US GAL TO 1.6 US GAL) PER FLUSH, CONDENSATE CHANNEL, 305 MM X 254 MM (12"

X 10") WATER SURFACE, SIPHON JET FLUSH ACTION, CONDENSATE CHANNEL, ELONGATED BOWL, 54 MM (2-1/8") FULLY GLAZED INTERNAL TRAPWAY, FLOOR OUTLET, BOLT CAPS, 38 MM (1-1/2") DIA. TOP SPUD.

CENTOCO #820STS.001 TOILET SEAT, EXTRA HEAVY DUTY, FOR ELONGATED BOWL, OPEN FRONT, SOLID PLASTIC, WITH COVER, STAINLESS STEEL CHECK HINGES, METAL FLAT WASHERS STAINLESS STEEL POSTS AND NUTS

MOEN COMMERCIAL M POWER BATTERY POWERED EXPOSED STYLE CLOSET FLUSH VALVE. PRIOR TO SHOP DRAWING SUBMISSION, CONTRACTOR SHALL CONFIRM OWNER AND ARCH. DRAWING FOR REQUIREMENT ON BACKREST AND GRAB BARS, INCLUDE FLUSH VALVE TUBE EXTENSION AND DELETE SEAT COVER IF REQUIRED. FLUSH VALVE MODEL 8310DF16, BRASS CONSTRICTION W/CHROME PLATED FINISH, 1" IPS SUPPLY, 1-1/2" TOP SPUD. ADJUSTABLE SENSOR EYES, BATTERY POWERED (4) STANDARD AA (INCLUDED), SELF-DIAGNOSTIC ELECTRONICS, PISTON FLUSHING MECHANISM, SELF CLEANING FILTER SYSTEM, LOW BATTERY INDICATOR LIGHT. OPERATING PRESSURE 10 TO 125 PSI, 1.0 GPF UP TO 60 SECONDS/1.6 GPF AFTER 60 SECONDS, 24 HOUR

SENTINEL FLUSH, MANUAL OVERRIDE BOTTOM. PROVIDE FLOOR FLANGE, (SAME MATERIAL AS THE CONNECTING PIPE DRAIN), WITH ALL BRASS BOLTS AND WITH RUBBER GASKET

.5 'L-1', WALL MOUNTED LAVATORY, INFRARED SENSOR BATTERY POWERED

AMERICAN STANDARD MURRO WITH EVERCLEAN #0955.001EC/0062.000EC BASIN, CENTER HOLE ONLY, 540 MM X 520 MM X 165 MM (21-1/4" X 20-1/2" X 6-1/2") HIGH, VITREOUS CHINA, FOR CARRIER WITH CONCEALED ARMS, REAR OVERFLOW, RECESSED SELF-DRAINING FAUCET LEDGE, ACRYLIC SHROUD (CONCEALED CONTROL BOX AND THERMOSTATIC MIXING VALVE). FAUCET: MOEN MODEL: CA8302

ONE PIECE, CAST BRASS CONSTRUCTION ABOVE-DECK WITH VARIOUS FINISHED IDENTIFIED BY SUFFIX. TRANSITIONAL STYLE MATCHES M-POWER SOAP DISPENSER (MODEL 8558). SINGLE MOUNT. VANDAL RESISTANT AERATOR. FLEXIBLE STAINLESS STEEL SUPPLY LINE. VANDAL RESISTANT BELOW-DECK BOX WITH INCLUDED MOUNTING HARDWARE.

BATTERY 4(AA) WITH AC COMPATIBILITY. BATTERY LEVEL INDICATOR WITH LOW BATTERY WARNING LIGHT. BATTERY LIFE: UP TO 8 YEARS. IN-LINE FILTER INCLUDED.

0.5 GPM (1.9 L/MIN) VANDAL-RESISTANT MULTI-STREAM LAMINAR FLOW. THIRD PARTY CERTIFIED TO MEET ASME A112.18.1/CSA B-125.1, AND ALL APPLICABLE REQUIREMENTS REFERENCED THEREIN INCLUDING NSF 61/9 & 372.

FAUCET SENSOR ACTIVATION DISTANCE SHALL BE SET TO 5.5"; FAUCET OPERATION MODE: SENTINEL FLOW SHALL BE SET TO "OFF"; METERING MODE

SHALL BE SET TO "OFF". MIXING VALVE: ZURN MODEL: ZW1070XL AQUA-GARD THERMOSTATIC MIXING VALVE

THE THERMOSTATIC MIXING VALVE SHALL BE INSTALLED AT THE POINT OF USE TO ASSIST IN THE PREVENTION OF SCALDING. THE VALVE'S EXTREMELY RAPID RESPONSE RATE MAKE IT MOST SUITABLE FOR INSTALLATION AT PLUMBING FIXTURES AND APPLIANCES FOR THE FINAL CONTROL OF WATER TEMPERATURE. THE ZW1070XL IS ASSE 1070 LISTED FOR FIXTURES, SINKS, LAVATORIES OR BATHTUBS AND WILL MIX HOT AND COLD WATER FROM THE DISTRIBUTION SYSTEM TO A FINAL SAFER TEMPERATURE OF 95-115°F (35-46°C). MULTIPLE END CONFIGURATIONS MAKE THIS VALVE SUITABLE FOR ALL RESIDENTIAL AND COMMERCIAL INSTALLATIONS.

STANDARDS COMPLIANCE: ASSE LISTED 1070. IAPMO LISTED. CSA CERTIFIED B125.70. MEETS THE REQUIREMENTS OF NSF/ANSI 61-9 (0.25% MAX.WEIGHTED AVERAGE LEAD CONTENT).

PROVIDE TEE, ADAPTORS AND FLEX. COPPER TUBING TO SUIT INSTALLATION. PROVIDE TEMPERED WATER TO HOT SIDE OF FAUCET. MCGUIRE #155WC OFFSET OPEN GRID DRAIN, CAST BRASS ONE PIECE TOP, 17 GA. (1.5 MM) MM TUBULAR 32 MM (1-1/4") TAILPIECE.

MCGUIRE #155A OPEN GRID DRAIN, CAST BRASS ONE PIECE TOP, 17 GA. (1.5 MM) TUBULAR 32 MM (1-1/4") TAILPIECE. MCGUIRE #LFH170BV, FAUCET SUPPLIES, CHROME PLATED FINISH POLISHED BRASS, COMMERCIAL DUTY 1/4 TURN BALL VALVE ANGLE STOPS, 13 MM (1/2") I.D. INLET X 127 MM (5") HORIZONTAL EXTENSION TUBES, COMBINATION V.P. LOOSE KEY HANDLES, ESCUTCHEON AND FLEXIBLE COPPER RISERS. MCGUIRE #8872CB P-TRAP, HEAVY CAST BRASS ADJUSTABLE BODY, WITH SLIP NUT, 32 MM (1-1/4") SIZE, BOX FLANGE AND SEAMLESS TUBULAR WALL BEND. WATTS #WCA-411, BASIN CARRIER, CONCEALED ARMS, WALL FLANGES TO ATTACH TO BACKING PLATE SECURED IN WALL WITH LOCKING DEVICE AND LEVELLING SCREWS, HEAVY GAUGE STEEL UPRIGHTS WITH INTEGRAL WELDED FEET. FOR ONE UNIT: 102 MM (4") FOR TWO TO SIX UNITS IN A ROW: 152 MM (6") FINISHED METAL STUD WALL TO BACK OF PIPE SPACE.

.6 'L-2', WALL MOUNTED LAVATORY, INFRARED SENSOR BATTERY POWERED

AMERICAN STANDARD MURRO WITH EVERCLEAN #0955.001EC/0062.000EC BASIN, CENTER HOLE ONLY, 540 MM X 520 MM X 165 MM (21-1/4" X 20-1/2" X 6-1/2") HIGH, VITREOUS CHINA, FOR CARRIER WITH CONCEALED ARMS, REAR OVERFLOW, RECESSED SELF-DRAINING FAUCET LEDGE, ACRYLIC SHROUD (CONCEALED CONTROL BOX AND THERMOSTATIC MIXING VALVE).

FAUCET: MOEN MODEL: CA8302 ONE PIECE, CAST BRASS CONSTRUCTION ABOVE-DECK WITH VARIOUS FINISHED IDENTIFIED BY SUFFIX. TRANSITIONAL STYLE MATCHES M-POWER SOAP DISPENSER (MODEL 8558). SINGLE MOUNT. VANDAL RESISTANT AERATOR. FLEXIBLE STAINLESS STEEL SUPPLY LINE. VANDAL RESISTANT BELOW-DECK BOX

WITH INCLUDED MOUNTING HARDWARE. BATTERY 4(AA) WITH AC COMPATIBILITY. BATTERY LEVEL INDICATOR WITH LOW BATTERY WARNING LIGHT. BATTERY LIFE: UP TO 8 YEARS. IN-LINE FILTER INCLUDED.

0.5 GPM (1.9 L/MIN) VANDAL-RESISTANT MULTI-STREAM LAMINAR FLOW.

THIRD PARTY CERTIFIED TO MEET ASME A112.18.1/CSA B-125.1, AND ALL APPLICABLE REQUIREMENTS REFERENCED THEREIN INCLUDING NSF 61/9 & 372. ADA COMPLIANT.

FAUCET SENSOR ACTIVATION DISTANCE SHALL BE SET TO 5.5"; FAUCET OPERATION MODE: SENTINEL FLOW SHALL BE SET TO "OFF"; METERING MODE SHALL BE SET TO "OFF".

MIXING VALVE: ZURN MODEL: ZW1070XL AQUA-GARD THERMOSTATIC MIXING VALVE THE THERMOSTATIC MIXING VALVE SHALL BE INSTALLED AT THE POINT OF USE TO ASSIST IN THE PREVENTION OF SCALDING. THE VALVE'S EXTREMELY

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MCGUIRE #155A OPEN GRID DRAIN, CAST BRASS ONE PIECE TOP, 17 GA. (1.5 MM) TUBULAR 32 MM (1-1/4") TAILPIECE. MCGUIRE #LFH170BV, FAUCET SUPPLIES, CHROME PLATED FINISH POLISHED BRASS, COMMERCIAL DUTY 1/4 TURN BALL VALVE ANGLE STOPS, 13 MM (1/2") I.D. INLET X 127 MM (5") HORIZONTAL EXTENSION TUBES, COMBINATION V.P. LOOSE KEY HANDLES, ESCUTCHEON AND FLEXIBLE COPPER RISERS. MCGUIRE #8872CB P-TRAP, HEAVY CAST BRASS ADJUSTABLE BODY, WITH SLIP NUT, 32 MM (1-1/4") SIZE, BOX FLANGE AND SEAMLESS TUBULAR WALL BEND. WATTS #WCA-411, BASIN CARRIER, CONCEALED ARMS, WALL FLANGES TO ATTACH TO BACKING PLATE SECURED IN WALL WITH LOCKING DEVICE AND LEVELLING SCREWS, HEAVY GAUGE STEEL UPRIGHTS WITH INTEGRAL WELDED FEET. FOR ONE UNIT: 102 MM (4") FOR TWO TO SIX UNITS IN A ROW: 152 MM (6") FINISHED METAL STUD WALL TO BACK OF PIPE SPACE.

'SH-1', BARRIER FREE, PRESSURE BALANCING SHOWER VALVE SET

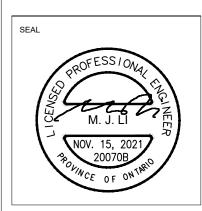
MOEN COMMERCIAL T8370 + MOEN 2570 SINGLE HANDLE, PRESSURE BALANCING VALVE. CHROME PLATED BRASS AND METAL CONSTRUCTION, 1/4 TURN SERVICE STOPS, 1/2" CC CONNECTIONS AND AN ADJUSTABLE TEMPERATURE LIMIT STOP. LEVER STYLE HANDLE WITH TEMPERATURE INDICATOR ON ESCUTCHEON. HANDLE OPERATES COUNTERCLOCKWISE THROUGH A 2700 ARC CYCLING FROM COLD TO HOT. MOEN COMMERCIAL 52224GBM15 CHROME PLATED METAL DROP ELL, ASME A112.18.3 BACKFLOW PREVENTION COMPLIANCE, 24" X 1 1/2" DIA GRAB BAR AND 69" METAL HOSE WITH A 1.5GPM (5.7L/MIN) SINGLE FUNCTION HANDHELD SHOWER WITH NON-POSITIVE SHUT OFF.

'<u>FD', FLOOR DRAIN</u>

WATTS #FD-100-C-L5-1-5-6-7 FLOOR DRAIN - EPOXY COATED, CAST IRON BODY, REVERSIBLE FLASHING CLAMP WITH PRIMARY AND SECONDARY WEEPHOLES, SEDIMENT BUCKET, VANDAL PROOF, TRAP PRIMER CONNECTION WITH PLUG, NO HUB OUTLET. WATTS -L5-1 5" X 5" (127 MM X 127 MM) NICKEL BRONZE, HEAVY DUTY, SQUARE STRAINER.

WATTS #CO-200-RX-34G-6 CLEANOUT - EPOXY COATED, CAST IRON BODY, 5" (127 MM) ROUND ADJUSTABLE GASKETED HEAVY DUTY NICKEL BRONZE TOP, ABS PLUG WITH NEOPRENE GASKET, VANDAL PROOF, NO HUB OUTLET.





REVISIONS No. Date JAN. 08/21 2. MAR. 12/21 Issued for Tender & Permit Issued for Retender 3. NOV. 15/21

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



PLUMBING SPECIFICATION

Schematic Design DRAWN BY: MT REVIEWED BY: ML Dec, 2020 DATE: N.T.S. SCALE: HL ENGINEERING NO.: 20070B

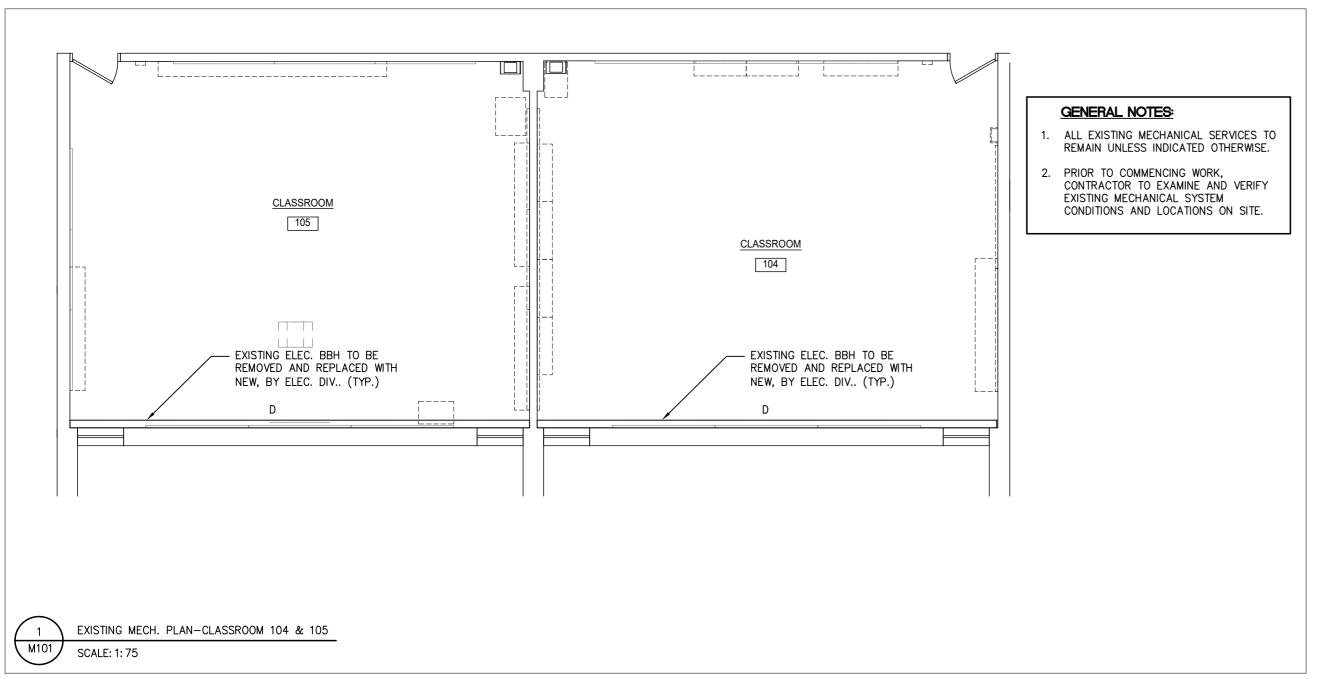


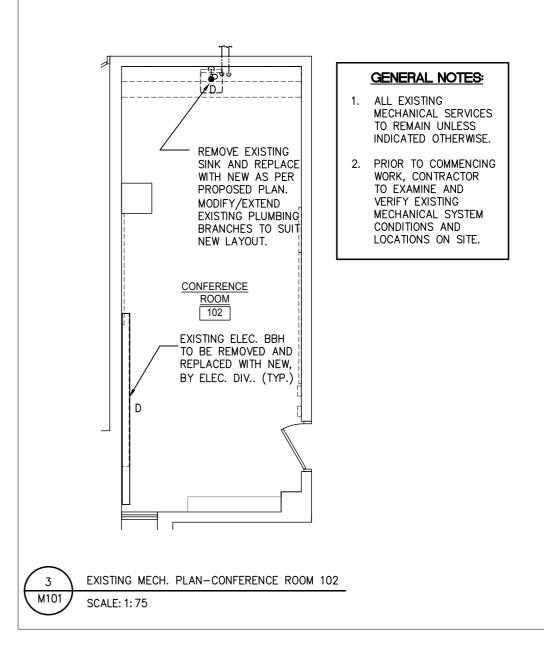


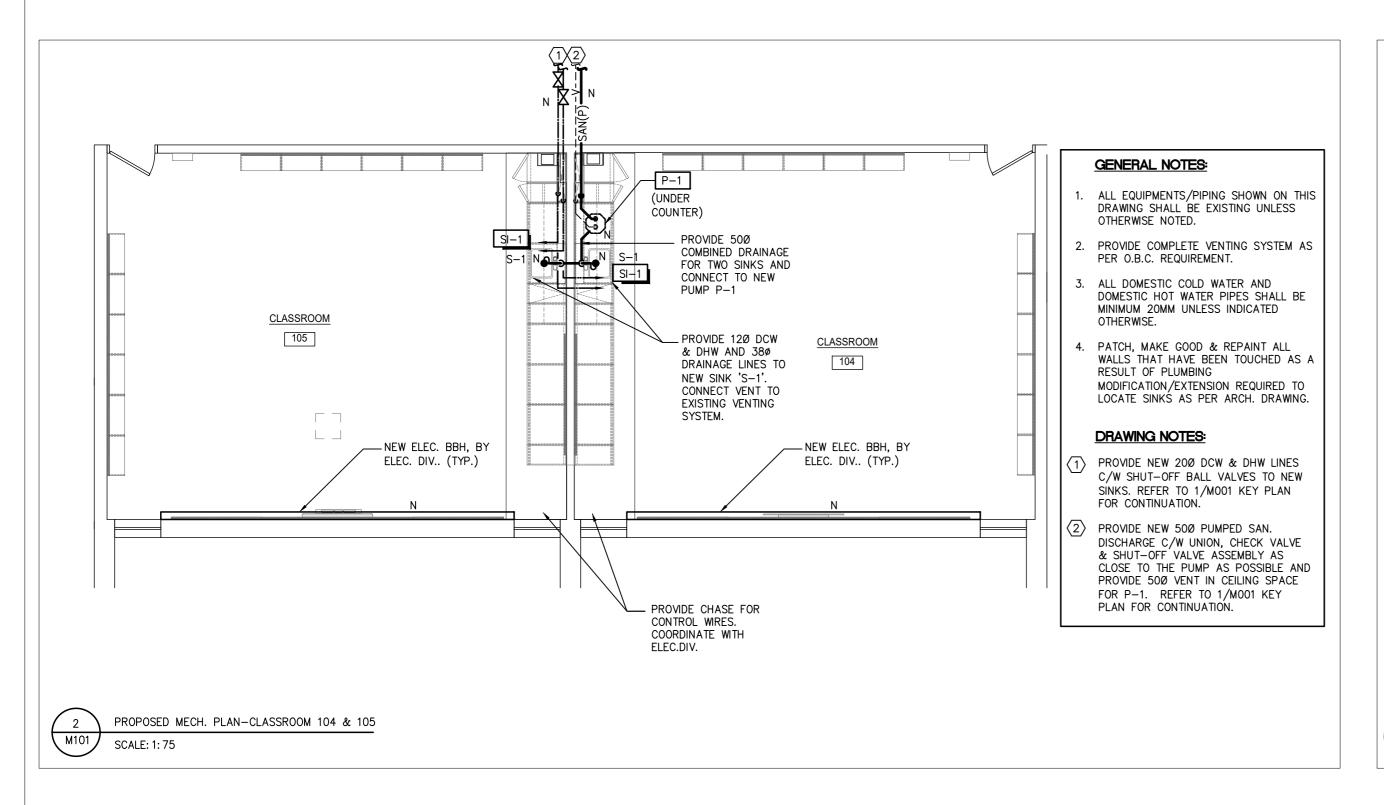
TRUE NORTH

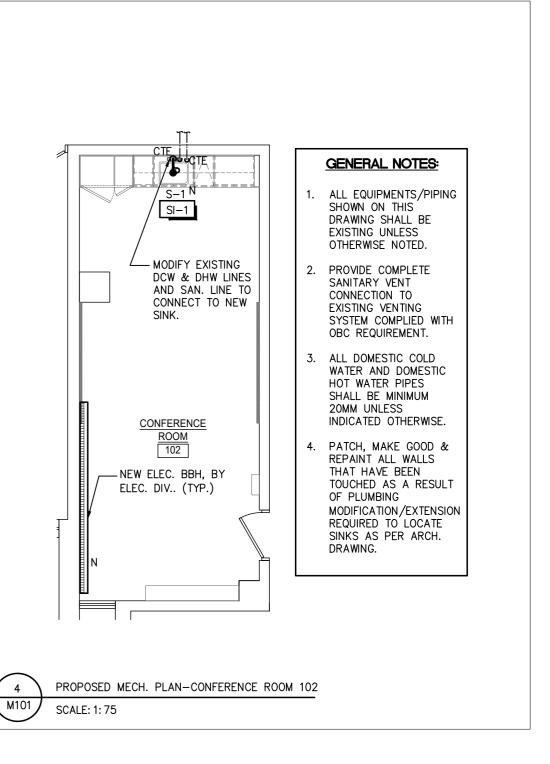
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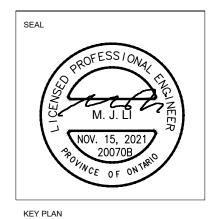


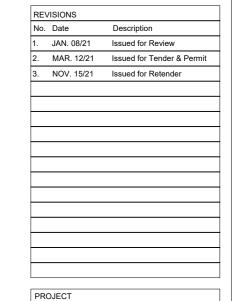












J. Douglas Hodgson E.S.
Door/Screen & Millwork
Renovations

1020 Grass Lake Road, Halliburton, ON,
KOM 1S0

CLIENT (rillium Lakelands

MECHANICAL PLAN CLASSROOM 104 & 105
AND
CONFERENCE RM 102

PHASE: Schematic Design

DRAWN BY: MT

REVIEWED BY: ML

DATE: Dec, 2020

SCALE: As indicated

HL ENGINEERING NO.: 20070B

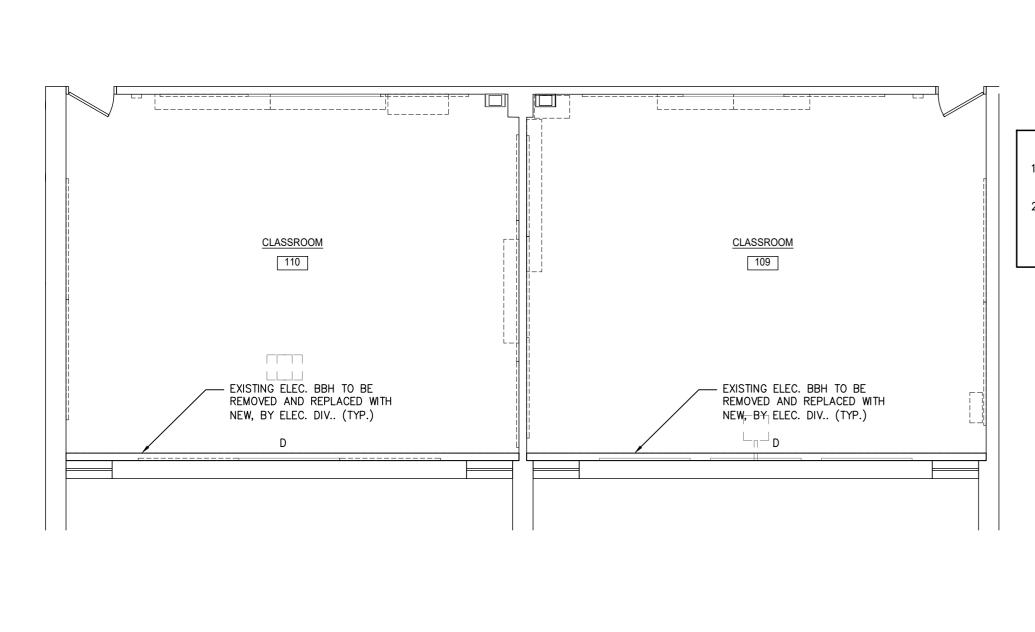


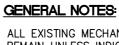


TRUE NORTH

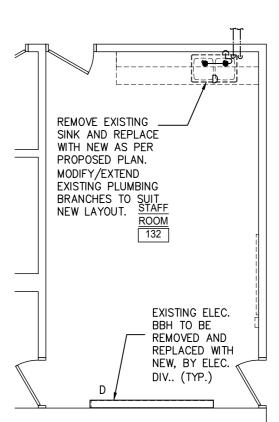
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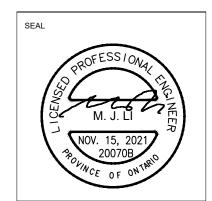




- . ALL EXISTING MECHANICAL SERVICES TO REMAIN UNLESS INDICATED OTHERWISE.
- 2. PRIOR TO COMMENCING WORK, CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.



- 1. ALL EXISTING
 MECHANICAL SERVICES
 TO REMAIN UNLESS
 INDICATED OTHERWISE.
- 2. PRIOR TO COMMENCING WORK, CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.



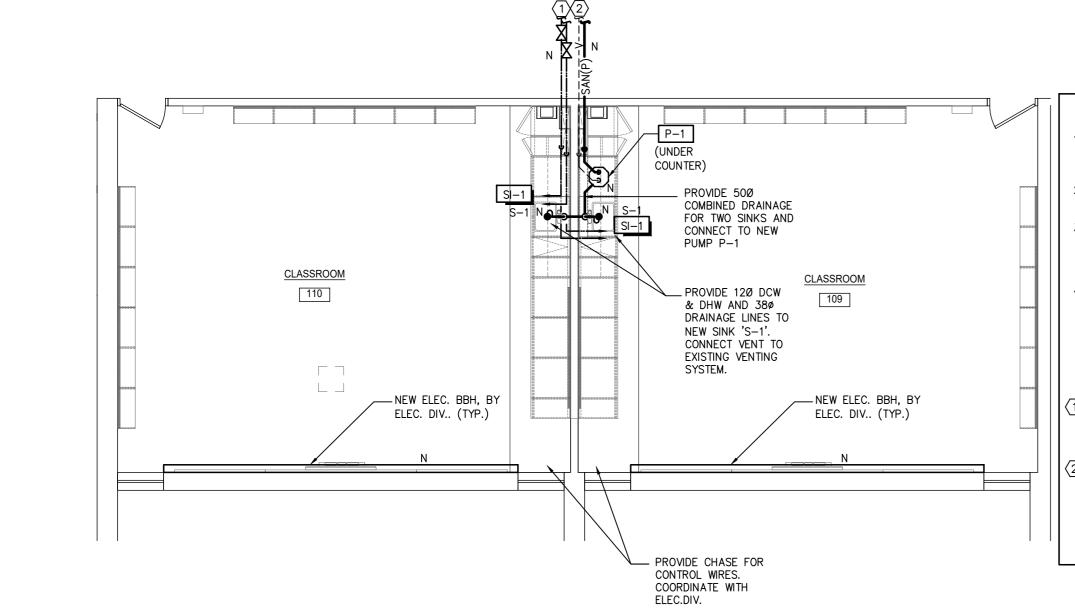
HL ENGINEERING LTD

14721 WOODBINE AVE, STOUFFVILLE, ON
L4A 2G7 905-713-0003 www blancineering on

KEY PLAN

REVISIONS No. Date



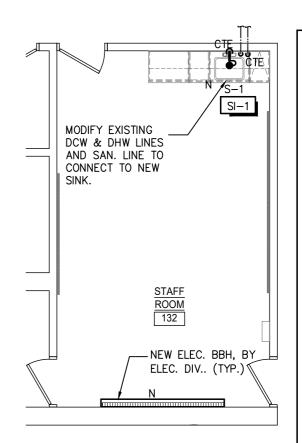


GENERAL NOTES:

- ALL EQUIPMENTS/PIPING SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. PROVIDE COMPLETE VENTING SYSTEM AS PER O.B.C. REQUIREMENT.
- 5. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20MM UNLESS INDICATED OTHERWISE.
- H. PATCH, MAKE GOOD & REPAINT ALL WALLS THAT HAVE BEEN TOUCHED AS A RESULT OF PLUMBING MODIFICATION/EXTENSION REQUIRED TO LOCATE SINKS AS PER ARCH. DRAWING.

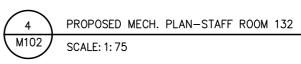
DRAWING NOTES:

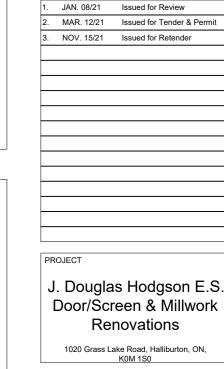
- PROVIDE NEW 20Ø DCW & DHW LINES C/W SHUT-OFF BALL VALVES TO NEW SINKS. REFER TO 1/M001 KEY PLAN FOR CONTINUATION.
- PROVIDE NEW 50Ø PUMPED SAN.
 DISCHARGE C/W UNION, CHECK VALVE
 & SHUT-OFF VALVE ASSEMBLY AS
 CLOSE TO THE PUMP AS POSSIBLE AND
 PROVIDE 50Ø VENT IN CEILING SPACE
 FOR P-1. REFER TO 1/M001 KEY
 PLAN FOR CONTINUATION.



GENERAL NOTES:

- ALL EQUIPMENTS/PIPING SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. PROVIDE COMPLETE
 SANITARY VENT
 CONNECTION TO
 EXISTING VENTING
 SYSTEM COMPLIED WITH
 OBC REQUIREMENT.
- 3. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20MM UNLESS INDICATED OTHERWISE.
- 4. PATCH, MAKE GOOD & REPAINT ALL WALLS THAT HAVE BEEN TOUCHED AS A RESULT OF PLUMBING MODIFICATION/EXTENSION REQUIRED TO LOCATE SINKS AS PER ARCH. DRAWING.







SHEET TITLE

MECHANICAL PLAN -CLASSROOM 109 & 110 AND STAFF RM 132

PHASE: Schematic Design

DRAWN BY: MT

REVIEWED BY: ML

DATE: Dec, 2020

SCALE: As indicated

HL ENGINEERING NO.: 20070B

NORTH



TRUE NORTH

SHEET NUMBER:

M102

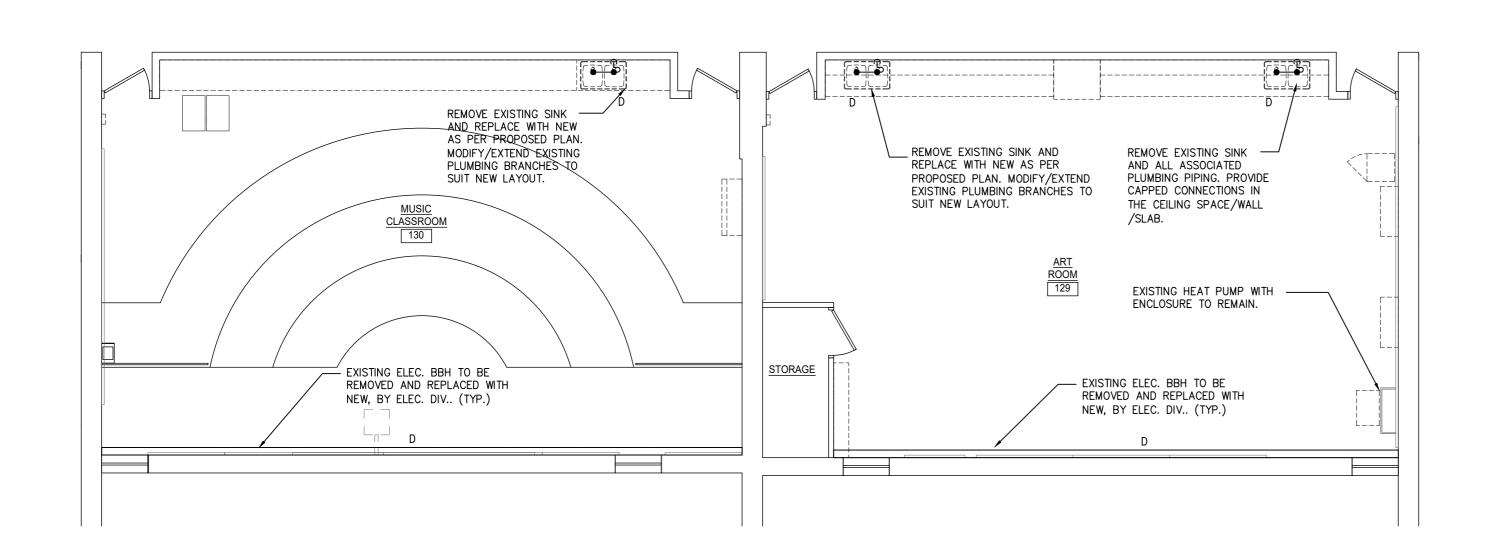
SCALE: 1: 75

M102

SCALE: 1: 75

EXISTING MECH. PLAN-CLASSROOM 109 & 110

PROPOSED MECH. PLAN-CLASSROOM 109 & 110



HL ENGINEERING LTD

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L4A 2G7 905-713-0003 www.hlendineering ca

SEAL

RROFESSIONAL CARONICAL CAR	
NOV. 15, 2021 20070B 20070B 0F ON THRO	
KEY PLAN	

No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



MECHANICAL PLAN -CLASSROOM 129 & 130

Schematic Design DRAWN BY: MT REVIEWED BY: ML Dec, 2020 DATE: As indicated SCALE:

HL ENGINEERING NO.:

TRUE NORTH

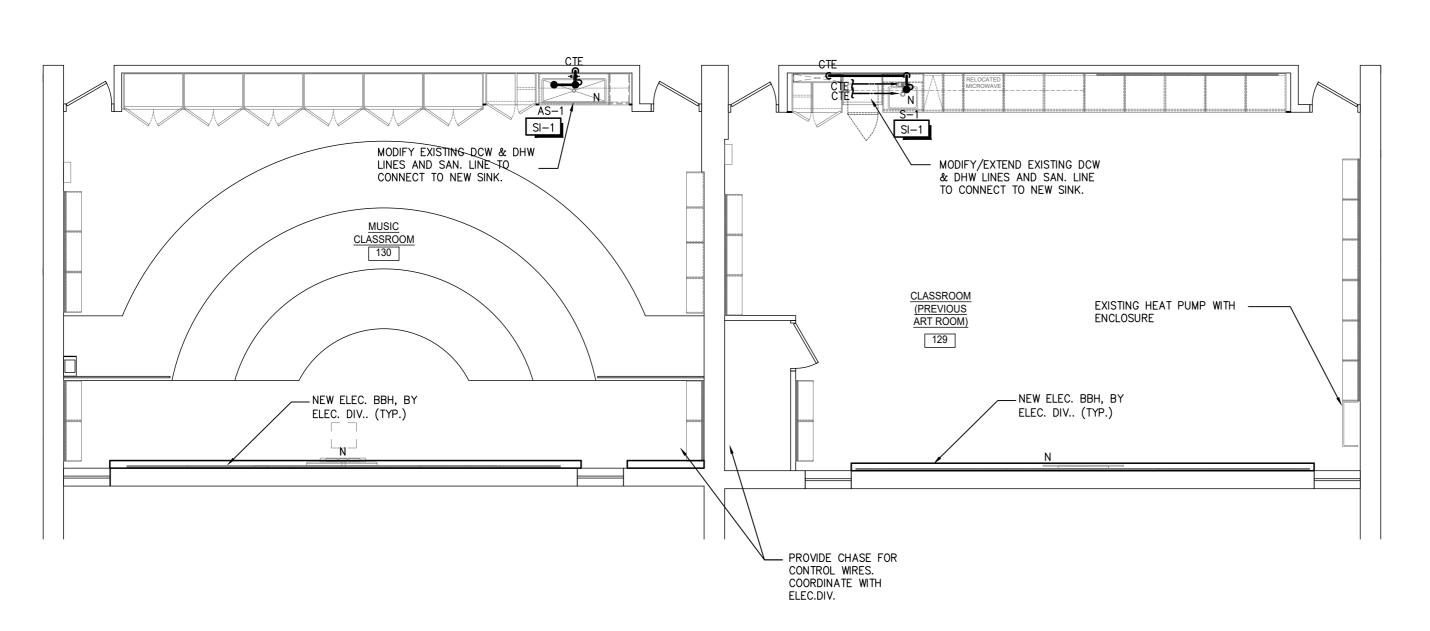
SHEET NUMBER:

M103

EXISTING MECH. PLAN-CLASSROOM 129 & 130

SCALE: 1: 75

M103



GENERAL NOTES:

GENERAL NOTES:

UNLESS INDICATED OTHERWISE.

CONDITIONS AND LOCATIONS ON SITE.

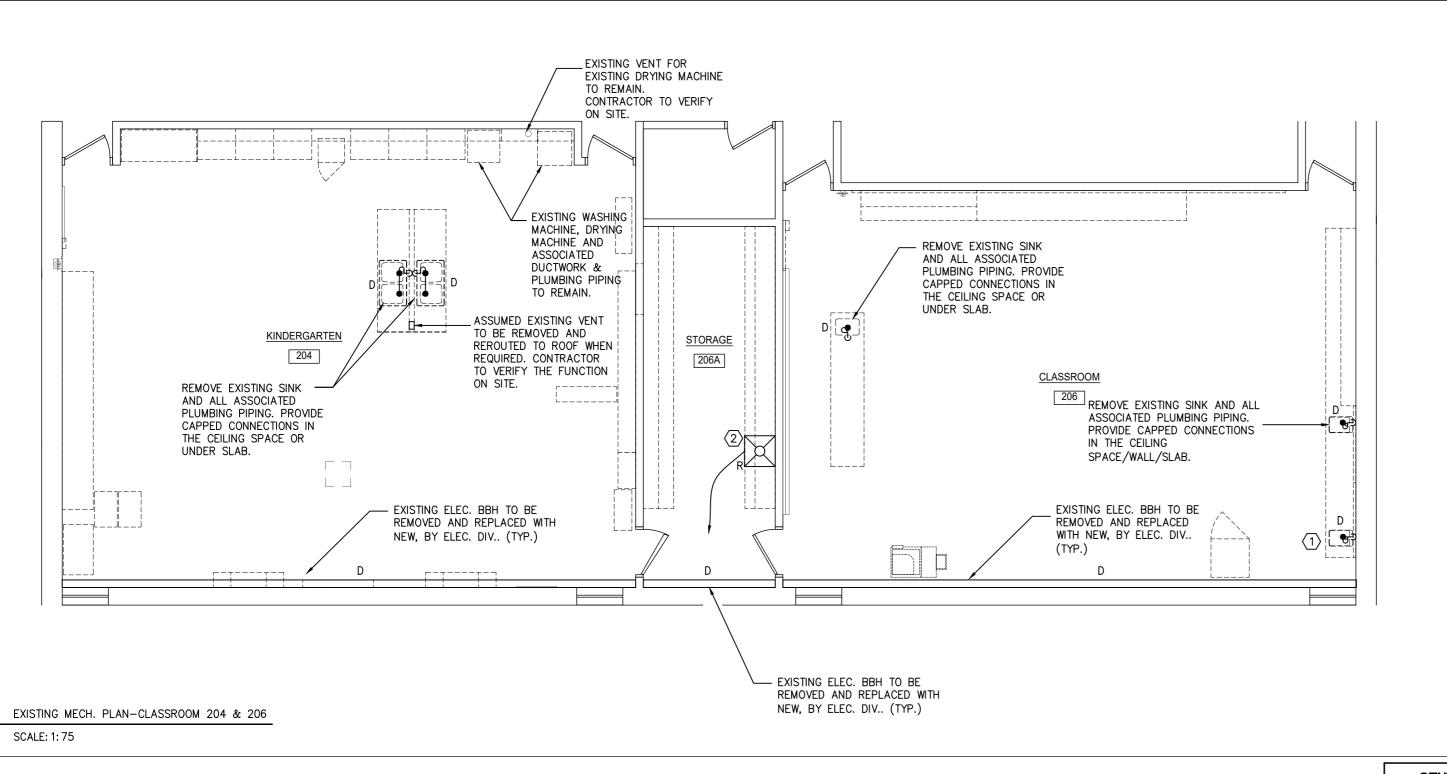
ALL EXISTING MECHANICAL SERVICES TO REMAIN

2. PRIOR TO COMMENCING WORK, CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM

- 1. ALL EQUIPMENTS/PIPING SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. PROVIDE COMPLETE SANITARY VENT CONNECTION TO EXISTING VENTING SYSTEM COMPLIED WITH OBC REQUIREMENT.
- 3. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20MM UNLESS INDICATED OTHERWISE.
- 4. PATCH, MAKE GOOD & REPAINT ALL WALLS THAT HAVE BEEN TOUCHED AS A RESULT OF PLUMBING MODIFICATION/EXTENSION REQUIRED TO LOCATE SINKS AS PER ARCH. DRAWING.

PROPOSED MECH. PLAN-CLASSROOM 129 & 130

SCALE: 1: 75



REFER TO MOO1 FOR DETAIL IN

WASHROOM

ART ROOM

(PREVIOUS

STAFF ROOM

206

NEW ELEC. BBH, BY -

ELEC. DIV.. (TYP.)

RELOCATED ART SINK FROM RM.

TO CONNECT. THE SINK NEEDS TO

RE

208. MODIFY/EXTEND EXISTING - DCW & DHW LINES AND SAN. LINE

BE REFURBISHED.

CUSTODIAL 205

CUSTODIAL

205

(9)

- 1. ALL EXISTING MECHANICAL SERVICES TO REMAIN UNLESS INDICATED OTHERWISE.
- PRIOR TO COMMENCING WORK, CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.

DRAWING NOTES:

GENERAL NOTES:

- REMOVE EXISTING SINK AND REPLACE WITH NEW AS PER PROPOSED PLAN. MODIFY/EXTEND EXISTING PLUMBING BRANCHES TO SUIT NEW LAYOUT.
- EXISTING SUPPLY DIFFUSER TO BE RELOCATED TO THE NEW STORAGE ROOM. MODIFY/EXTEND EXISTING DUCTWORK TO SUIT NEW LOCATION.

HL ENGINEERING LTD

14721 WOODBINE AVE, STOUFFVILLE, ON
L4A 2G7 905-713-0003 www.hlengineering.ca



KEY PLAN

No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



SHEET TITLE

MECHANICAL PLAN -CLASSROOM 204 & 206 & UNIV. WR. 204A

PHASE: Schematic Design

DRAWN BY: MT

REVIEWED BY: ML

DATE: Dec, 2020

IE: Dec, 2020

SCALE: As indicated

HL ENGINEERING NO.:

IL ENGINEERING NO.:

NORTH



TRUE NORTH

20070B

SHEET NUMBER:

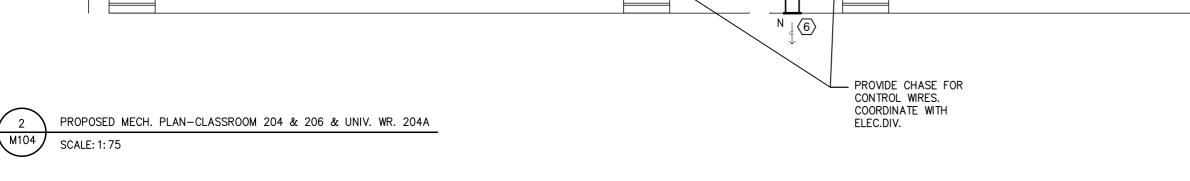
M104



- 1. ALL EQUIPMENTS/PIPING SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. PROVIDE COMPLETE VENTING SYSTEM AS PER O.B.C. REQUIREMENT.
- 3. ALL FLOOR DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP PRIMERS.
- 4. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20MM UNLESS INDICATED OTHERWISE.
- 5. PATCH, MAKE GOOD & REPAINT ALL WALLS THAT HAVE BEEN TOUCHED AS A RESULT OF PLUMBING MODIFICATION/EXTENSION REQUIRED TO LOCATE SINKS AS PER ARCH. DRAWING.

DRAWING NOTES:

- PROVIDE NEW 200 DCW & DHW LINES C/W SHUT-OFF BALL VALVES TO CLASSROOM 209 IN CEILING SPACE. REFER TO M105 DETAIL 2 FOR CONTINUATION.
- (2) NEW 50Ø SAN. BRANCH, CONNECTED TO EXISTING SAN. LINE IN FIRST FLOOR CEILING SPACE. REFER TO 1/M001 KEY PLAN FOR CONTINUATION.
- NEW 75Ø SAN. BRANCH, CONNECTED TO EXISTING SAN. LINE IN FIRST FLOOR CEILING SPACE. REFER TO 1/M001 KEY PLAN FOR CONTINUATION.
- PROVIDE NEW 38Ø DCW & 12Ø DHW LINES TO WASHROOM IN CEILING SPACE.
- PROVIDE NEW 120 DCW & DHW LINES TO SHOWER 'SH-1' IN CEILING SPACE.
- PROVIDE NEW 250X200 WEATHERPROOF EXHAUST LOUVER, C/W VERMIN PROOF MESH.
- PROVIDE NEW SIGHT-PROOF DOOR GRILLE AT LOW LEVEL, MODEL E.H.PRICE ATGH OR APPROVED EQUAL, SIZE AS INDICATED ON DWG.
- 8 RELOCATED SUPPLY DIFFUSER, RECONNECT ASSOCIATED DUCTWORK TO EXISTING SYSTEM. MODIFY/EXTEND DUCTWORK TO SUIT NEW LOCATION.
- 9 PROVIDE 750 VENT UP THROUGH THE ROOF. REFER TO MOO2 DETAIL 1 FOR PIPE DETAIL.
- PROVIDE NEW 32Ø DCW LINE AND 75Ø DRAINAGE TO NEW TOILET 'T-2'.
- PROVIDE NEW 120 DCW & DHW LINES AND 500 DRAINAGE TO NEW LAVATORY 'L-2'.
- PROVIDE NEW FLOOR DRAIN.
- PROVIDE NEW FLOOR CLEANOUT.
- PROVIDE 120 DCW & DHW AND 380 DRAINAGE LINES TO NEW SINK 'S-1'.
 CONNECT VENT TO VENTING SYSTEM NEARBY.



NEW ELEC.-

ELEC. DIV..

BBH, BY

(TYP.)

TORAGI 206A

EXISTING VENT_

DRYING MACHINE

FOR EXISTING

(SAN. LINE IN FIRST

FLOOR CEILING SPACE)

N 20Ø

N 38Ø

M104

50Ø DCW & 25Ø

TO CEILING SPACE

DHW LINES FROM

BELOW AND UP

REFER TO MOO1 DETAIL 1 FOR

CONTINUATION.

IN PLUMBING CHASE.

50Ø COMBINED SAN.

SI-1

CHASE

DRAINAGE DN. TO FIRST

FLOOR CEILING SPACE,

CONNECTED TO 500 SAN.

14) N 380

20Ø DCW & DHW

LINES SERVING SINKS

ROOM

(PREVIOUSLY

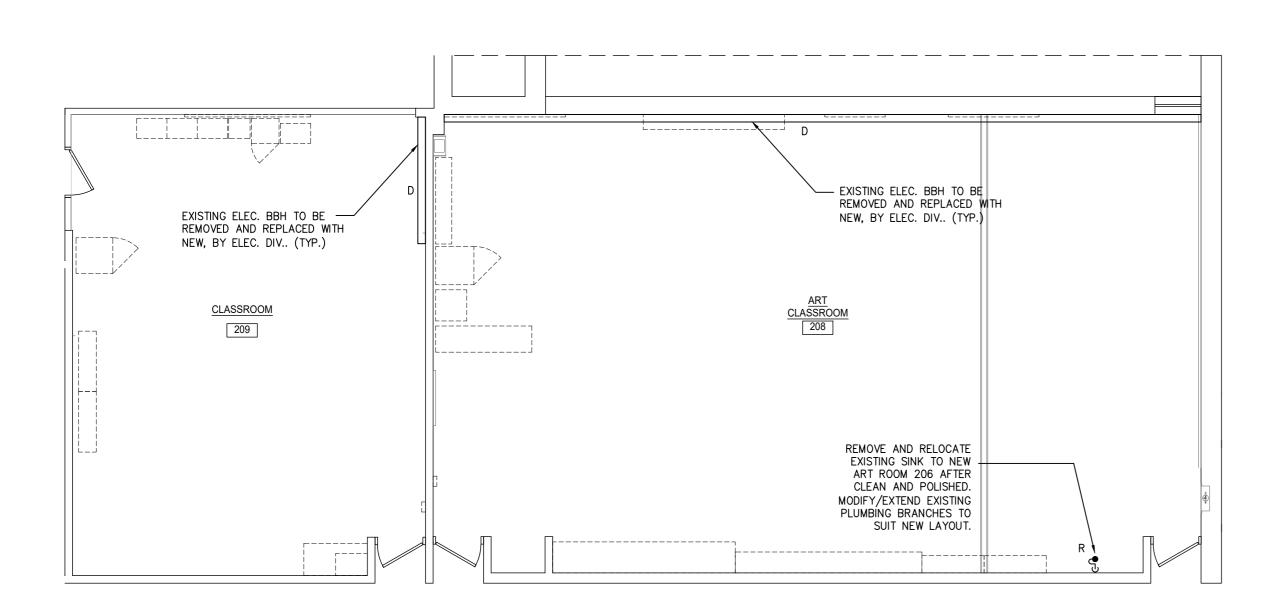
DAYCARE)

204

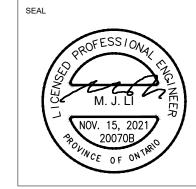
NEW ELEC. BBH, BY

ELEC. DIV.. (TYP.)

IN LOWER PLUMBING



- ALL EXISTING MECHANICAL SERVICES TO REMAIN UNLESS INDICATED OTHERWISE.
- 2. PRIOR TO COMMENCING WORK, CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.



HL ENGINEERING LTD

14721 WOODBINE AVE, STOUFFVILLE, ON
L4A 2G7 905-713-0003 www.hlenqineering.ca

	JAN. 08/21	Description Issued for Review
1.		
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



SHEET TITLE

MECHANICAL PLAN -CLASSROOM 208 & 209 & WR. 208A

Schematic Design DRAWN BY: MT REVIEWED BY: ML Dec, 2020 As indicated SCALE:

0

HL ENGINEERING NO.:



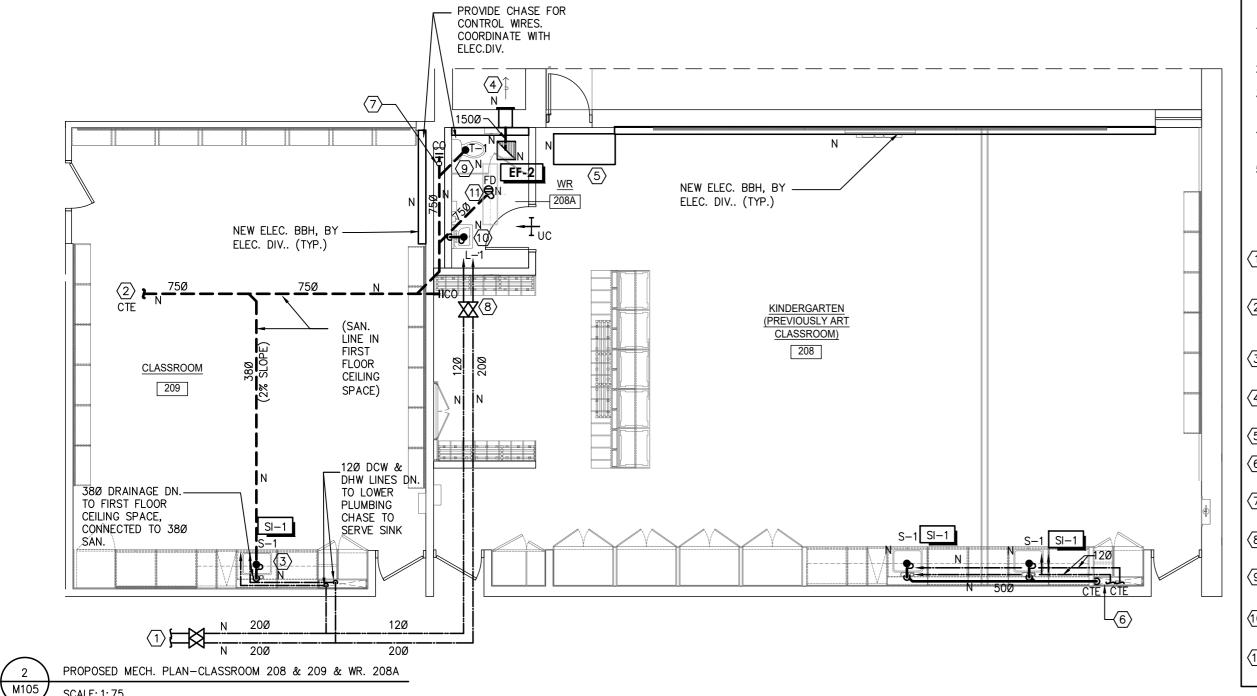
TRUE NORTH

20070B

SHEET NUMBER: M105

EXISTING MECH. PLAN-CLASSROOM 208 & 209 SCALE: 1: 75

M105



GENERAL NOTES:

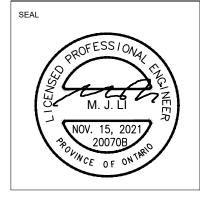
- ALL EQUIPMENTS/PIPING SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. PROVIDE COMPLETE VENTING SYSTEM AS PER O.B.C. REQUIREMENT.
- 3. ALL FLOOR DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP
- 4. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20MM UNLESS INDICATED OTHERWISE.
- 5. PATCH, MAKE GOOD & REPAINT ALL WALLS THAT HAVE BEEN TOUCHED AS A RESULT OF PLUMBING MODIFICATION/EXTENSION REQUIRED TO LOCATE SINKS AS PER ARCH. DRAWING.

DRAWING NOTES:

- PROVIDE NEW 200 DCW & DHW LINES C/W SHUT-OFF BALL VALVES TO NEW SINK, CONNECTED FROM WATER SUPPLY IN CLASSROOM
- (2) NEW 75Ø SAN. BRANCH, CONNECTED TO EXISTING SAN. LINE IN FIRST FLOOR CEILING SPACE. REFER TO 1/M001 KEY PLAN FOR
- 3 PROVIDE 120 DCW & DHW AND 380 DRAINAGE LINES TO NEW SINK
- 4 PROVIDE NEW 200X200 WEATHERPROOF EXHAUST LOUVER, C/W VERMIN PROOF MESH.
- $\langle 5 \rangle$ NEW 0.625KW ELEC. HEATER, BY ELEC. DIV..
- 6 MODIFY/EXTEND EXISTING DCW & DHW LINES AND SAN. LINE TO CONNECT TO NEW SINKS 'S-1'.
- PROVIDE 75Ø VENT UP THROUGH THE ROOF. REFER TO MOO2 DETAIL 1 FOR PIPE DETAIL.
- 8 PROVIDE 200 DCW AND 120 DHW LINES C/W SHUT-OFF BALL VALVES TO WASHROOM.
- 9 PROVIDE NEW 200 DCW LINE AND 750 DRAINAGE TO NEW TOILET
- PROVIDE NEW 120 DCW & DHW LINES AND 500 DRAINAGE TO NEW LAVATORY 'L-1'.
- 11 PROVIDE NEW FLOOR DRAIN.

SCALE: 1: 75







REVISIONS No. Date JAN. 08/21 Issued for Review 2. MAR. 12/21 Issued for Tender & Permit NOV. 15/21 Issued for Retender

> J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



MECHANICAL PLAN -CLASSROOM 210 & 211

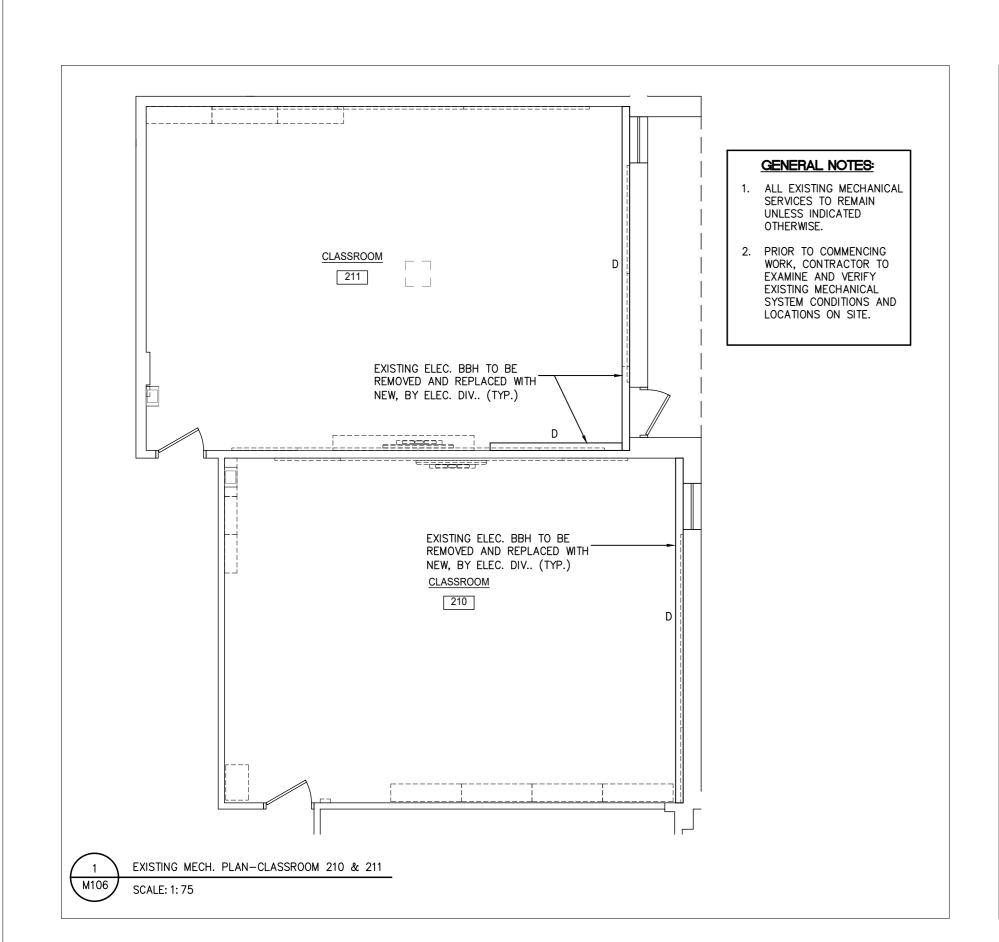
PHASE: Schematic Design DRAWN BY: MT REVIEWED BY: ML Dec, 2020 As indicated SCALE: HL ENGINEERING NO.:

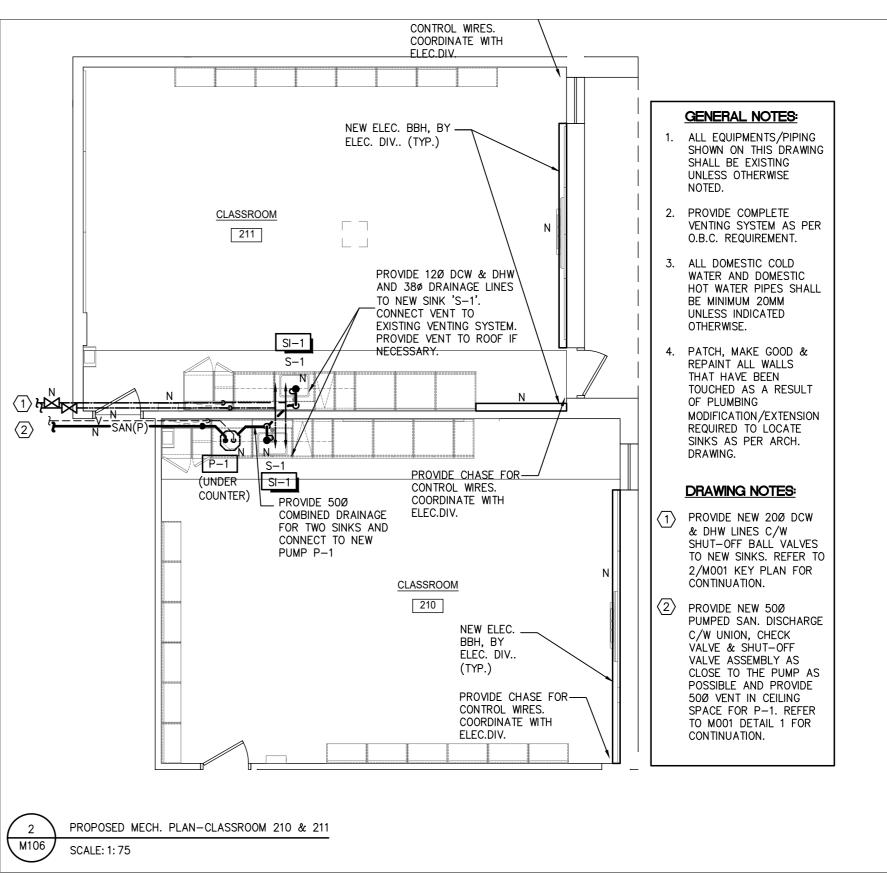


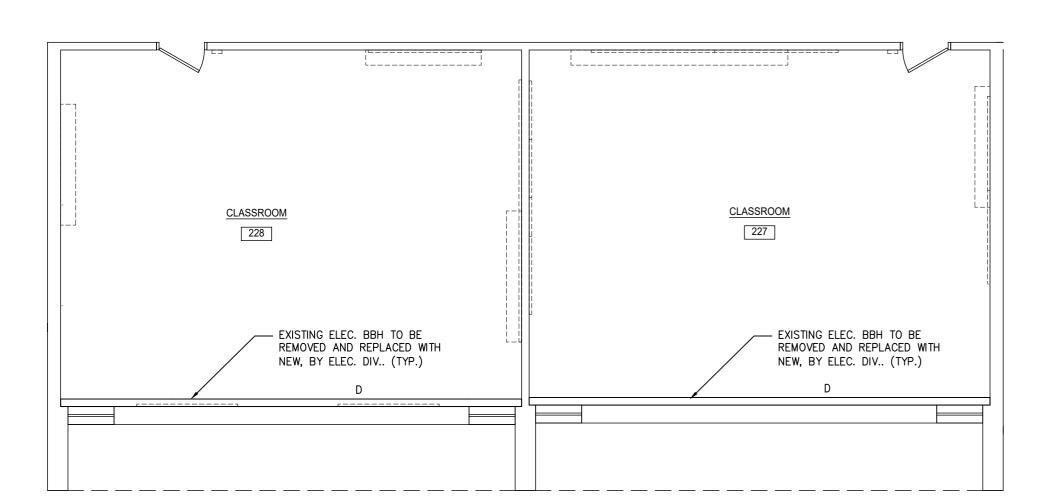
SHEET NUMBER:

TRUE NORTH

M106







- ALL EXISTING MECHANICAL SERVICES TO REMAIN UNLESS INDICATED OTHERWISE.
- PRIOR TO COMMENCING WORK, CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.





KEY PLA

No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



SHEET TITLE

MECHANICAL PLAN -CLASSROOM 227 & 228

PHASE: Schematic Design

DRAWN BY: MT

REVIEWED BY: ML

DATE: Dec, 2020

SCALE: As indicated

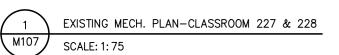
HL ENGINEERING NO.: 20070B

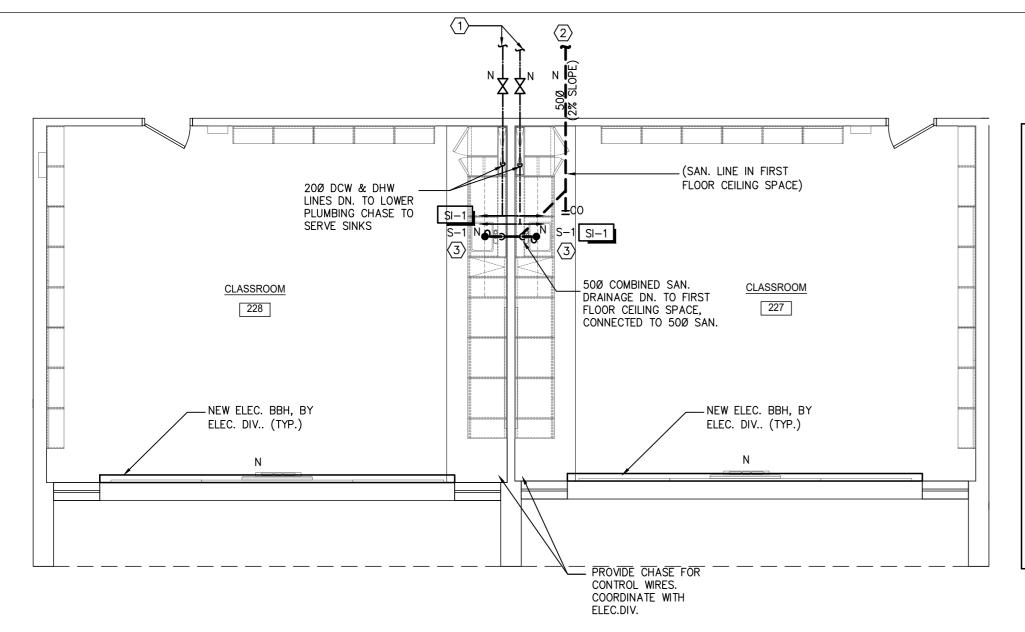




TRUE NORTH

SHEET NUMBER: M107



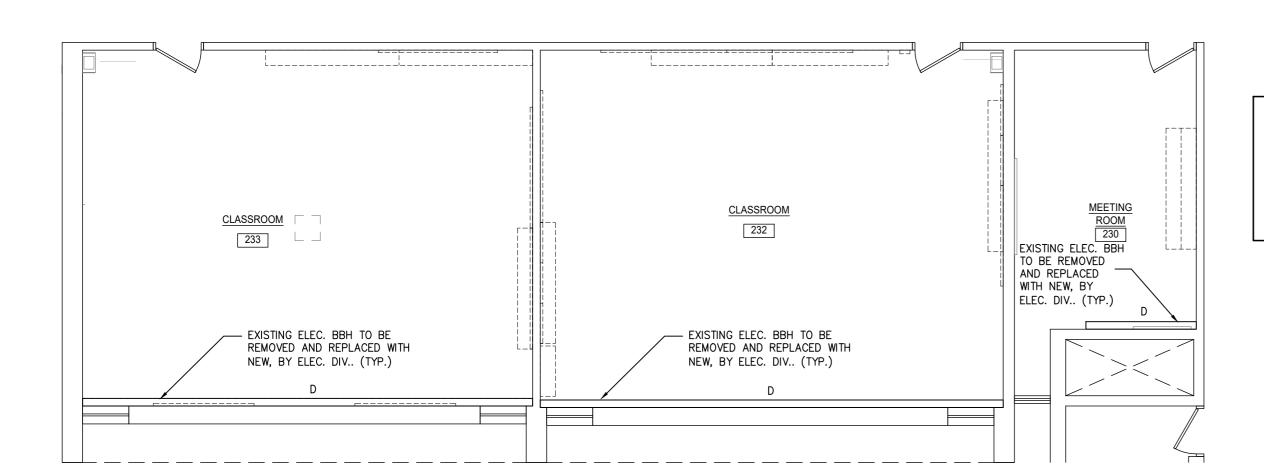


GENERAL NOTES:

- I. ALL EQUIPMENTS/PIPING SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. PROVIDE COMPLETE VENTING SYSTEM AS PER O.B.C. REQUIREMENT.
- 3. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20MM UNLESS INDICATED OTHERWISE.
- 4. PATCH, MAKE GOOD & REPAINT ALL WALLS THAT HAVE BEEN TOUCHED AS A RESULT OF PLUMBING MODIFICATION/EXTENSION REQUIRED TO LOCATE SINKS AS PER ARCH. DRAWING.

DRAWING NOTES:

- 1) NEW 200 DCW & DHW LINES C/W SHUT-OFF BALL VALVES IN CEILING SPACE. REFER TO 2/M001 KEY PLAN FOR CONTINUATION.
- NEW 500 SAN. BRANCH, CONNECTED TO SAN. LINE IN FIRST FLOOR CEILING SPACE IN NEARBY CLASSROOM. REFER TO 2/M110 PROPOSED MECH. PLAN FOR CONTINUATION.
- PROVIDE 120 DCW & DHW AND 380 DRAINAGE LINES TO NEW SINK 'S-1'. CONNECT VENT TO EXISTING VENTING SYSTEM. PROVIDE VENT TO ROOF IF NECESSARY.



- 1. ALL EXISTING MECHANICAL SERVICES TO REMAIN UNLESS INDICATED OTHERWISE.
- 2. PRIOR TO COMMENCING WORK, CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.





KEY PLAN

 JAN. 08/21 Issued for Review MAR. 12/21 Issued for Tender & F NOV. 15/21 Issued for Retender 	Permit
	ermit
3. NOV. 15/21 Issued for Retender	

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



SHEET TITLE

MECHANICAL PLAN -CLASSROOM 232 & 233

PHASE: Schematic Design

DRAWN BY: MT

REVIEWED BY: ML

DATE: Dec, 2020

SCALE: As indicated

HL ENGINEERING NO.: 20070B

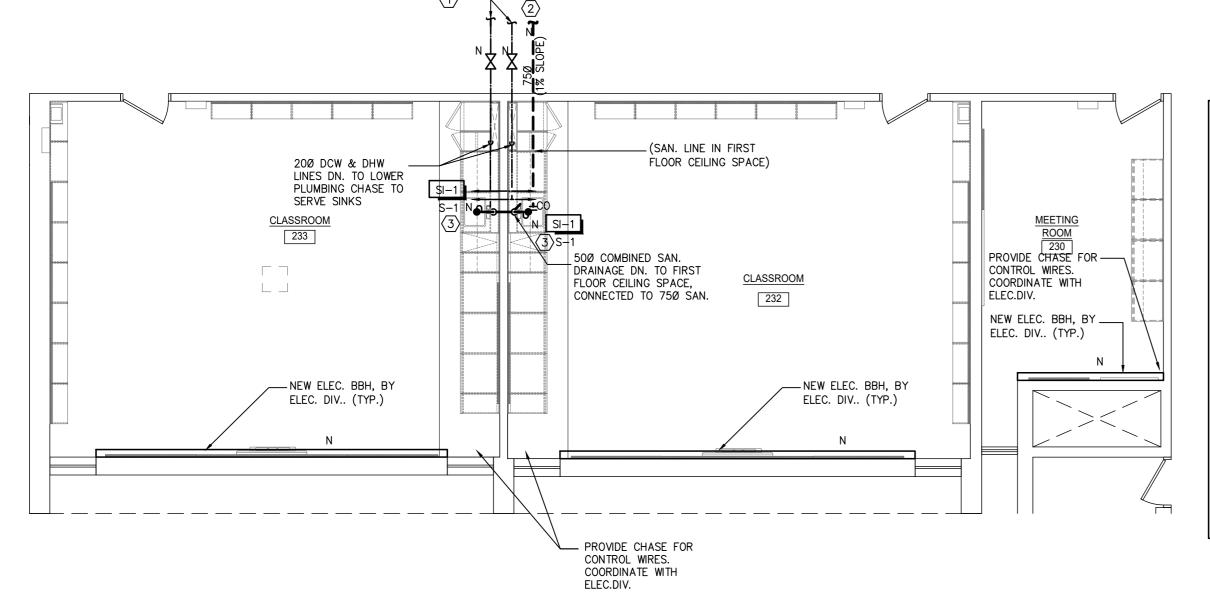




TRUE NORTH

SHEET NUMBER: M108

1 EXISTING MECH. PLAN-CLASSROOM 232 & 233 M108 SCALE: 1:75

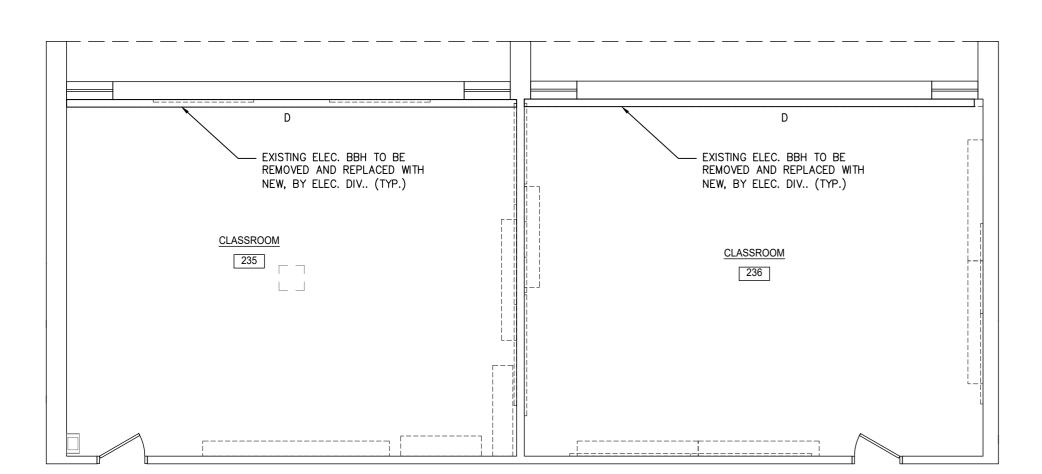


GENERAL NOTES:

- 1. ALL EQUIPMENTS/PIPING SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. PROVIDE COMPLETE VENTING SYSTEM AS PER O.B.C. REQUIREMENT
- 3. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20MM UNLESS INDICATED OTHERWISE.
- 4. PATCH, MAKE GOOD & REPAINT ALL WALLS THAT HAVE BEEN TOUCHED AS A RESULT OF PLUMBING MODIFICATION/EXTENSION REQUIRED TO LOCATE SINKS AS PER ARCH. DRAWING.

DRAWING NOTES:

- NEW 200 DCW & DHW LINES C/W SHUT-OFF BALL VALVES IN CEILING SPACE. REFER TO 2/M109 PROPOSED MECH. PLAN FOR CONTINUATION.
- (2) NEW 50Ø SAN. BRANCH CONNECTED SAN. LINE IN FIRST FLOOR CEILING SPACE FROM NEARBY CLASSROOM. REFER TO 2/M109 PROPOSED MECH. PLAN FOR CONTINUATION.
- PROVIDE 120 DCW & DHW AND 380 DRAINAGE LINES TO NEW SINK 'S-1'. CONNECT VENT TO EXISTING VENTING SYSTEM. PROVIDE VENT TO ROOF IF NECESSARY.



- ALL EXISTING MECHANICAL SERVICES TO REMAIN UNLESS INDICATED OTHERWISE.
- 2. PRIOR TO COMMENCING WORK, CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.





KEY PLAN

No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



SHEET TITLE

MECHANICAL PLAN -CLASSROOM 235 & 236

PHASE: Schematic Design

DRAWN BY: MT

REVIEWED BY: ML

DATE: Dec, 2020

SCALE: As indicated

HL ENGINEERING NO.: 20070B

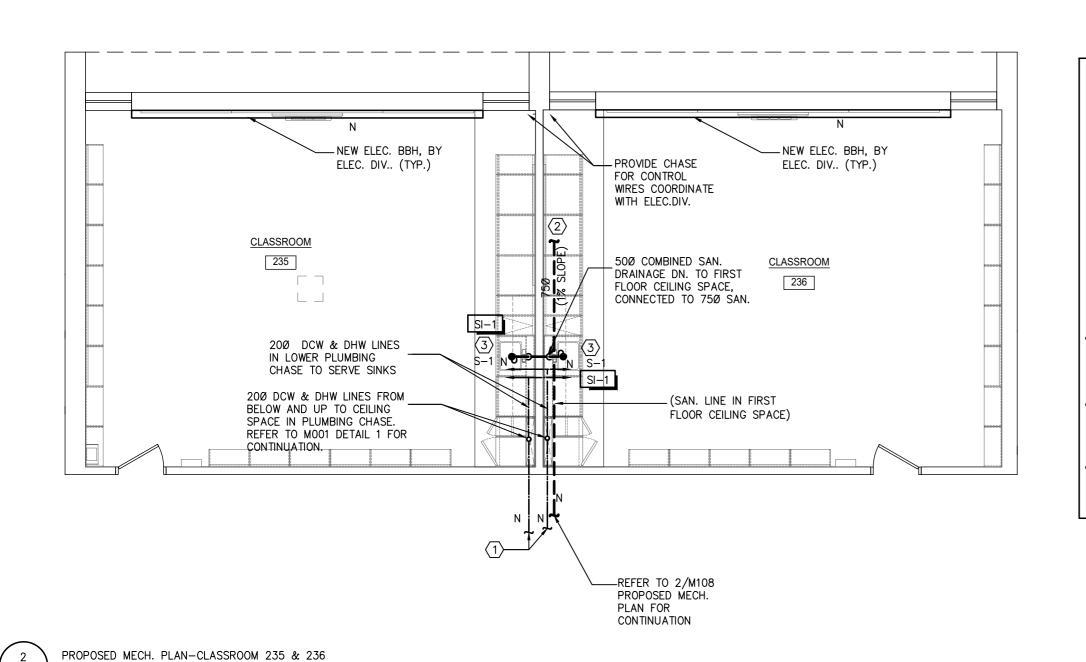




TRUE NORTH

M109

1 EXISTING MECH. PLAN-CLASSROOM 235 & 236 M109 SCALE: 1: 75



GENERAL NOTES:

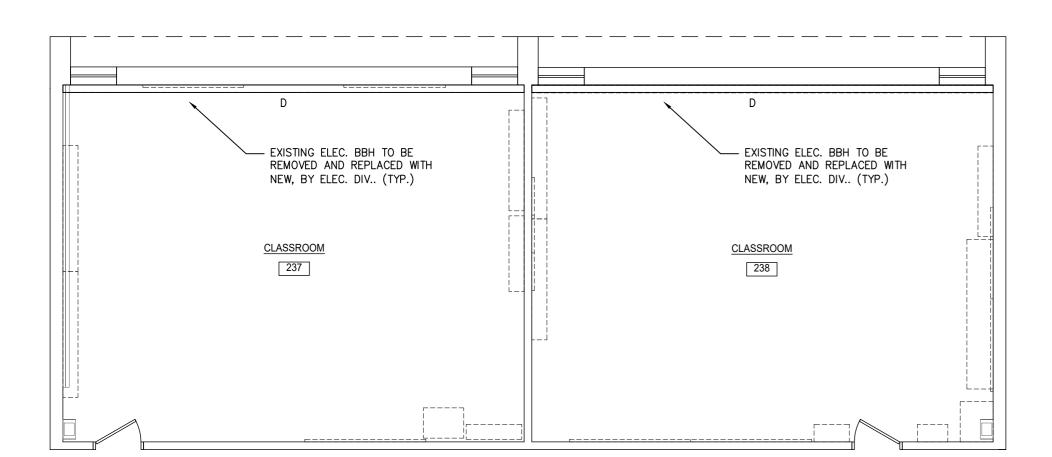
- ALL EQUIPMENTS/PIPING SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. PROVIDE COMPLETE VENTING SYSTEM AS PER O.B.C. REQUIREMENT.
- 3. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20MM UNLESS INDICATED OTHERWISE.
- 4. PATCH, MAKE GOOD & REPAINT ALL WALLS THAT HAVE BEEN TOUCHED AS A RESULT OF PLUMBING MODIFICATION/EXTENSION REQUIRED TO LOCATE SINKS AS PER ARCH. DRAWING.

DRAWING NOTES:

- PROVIDE NEW 20Ø DCW & DHW LINES IN CEILING SPACE TO SERVE SINKS IN CLASSROOM 232 & 233. REFER TO 2/M108 PROPOSED MECH. PLAN FOR CONTINUATION.
- NEW 75Ø SAN. CONNECTED TO SAN LINE IN FIRST FLOOR CEILING SPACE. COORDINATE WITH ANOTHER PROJECT FOR THE CONNECTION LOCATION. REFER TO 1/M001 KEY PLAN FOR CONTINUATION.
- PROVIDE 120 DCW & DHW AND 380 DRAINAGE LINES TO NEW SINK 'S-1'. CONNECT VENT TO EXISTING VENTING SYSTEM. PROVIDE VENT TO ROOF IF NECESSARY.

SCALE: 1: 75

M109



- ALL EXISTING MECHANICAL SERVICES TO REMAIN UNLESS INDICATED OTHERWISE.
- 2. PRIOR TO COMMENCING WORK, CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.





KEY PLA

No.	o. Date Description	
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



SHEET TITLE

MECHANICAL PLAN -CLASSROOM 237 & 238

PHASE: Schematic Design

DRAWN BY: MT

REVIEWED BY: ML

DATE: Dec, 2020

SCALE: As indicated

HL ENGINEERING NO.: 20070B



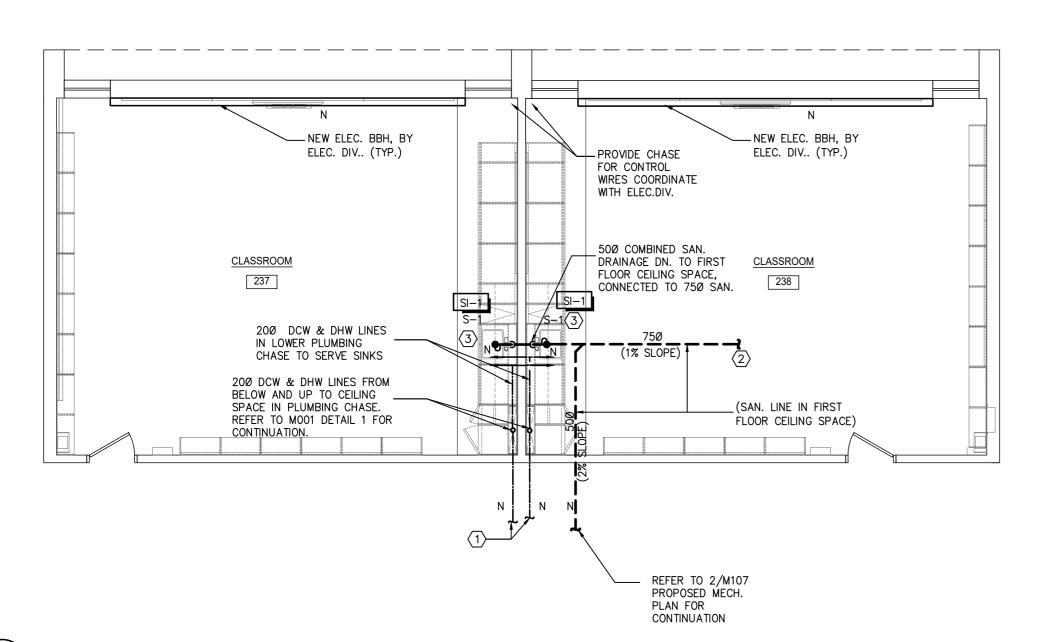


TRUE NORTH

SHEET NUMBER:

EXISTING MECH. PLAN-CLASSROOM 237 & 238

SCALE: 1: 75



GENERAL NOTES:

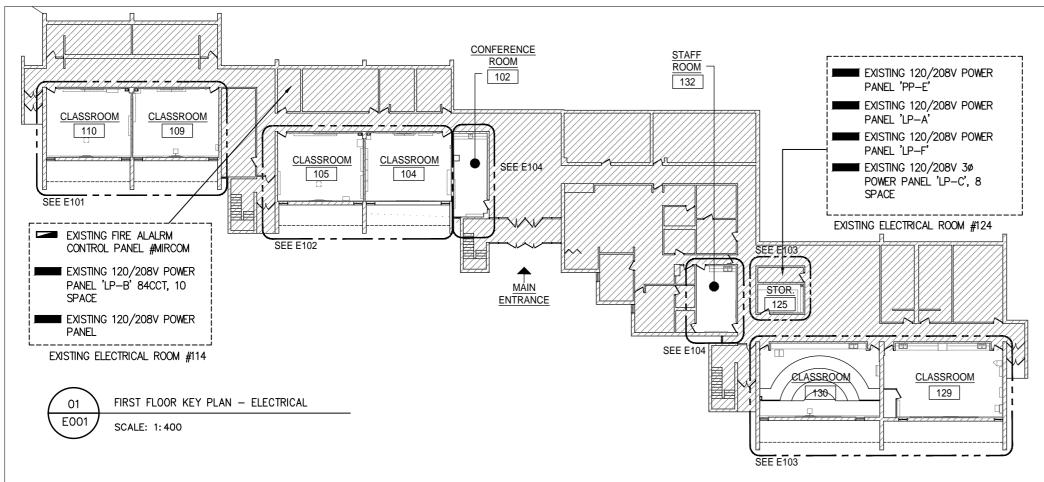
- 1. ALL EQUIPMENTS/PIPING SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. PROVIDE COMPLETE VENTING SYSTEM AS PER O.B.C. REQUIREMENT.
- ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 20MM UNLESS INDICATED OTHERWISE.
- 4. PATCH, MAKE GOOD & REPAINT ALL WALLS THAT HAVE BEEN TOUCHED AS A RESULT OF PLUMBING MODIFICATION/EXTENSION REQUIRED TO LOCATE SINKS AS PER ARCH. DRAWING.

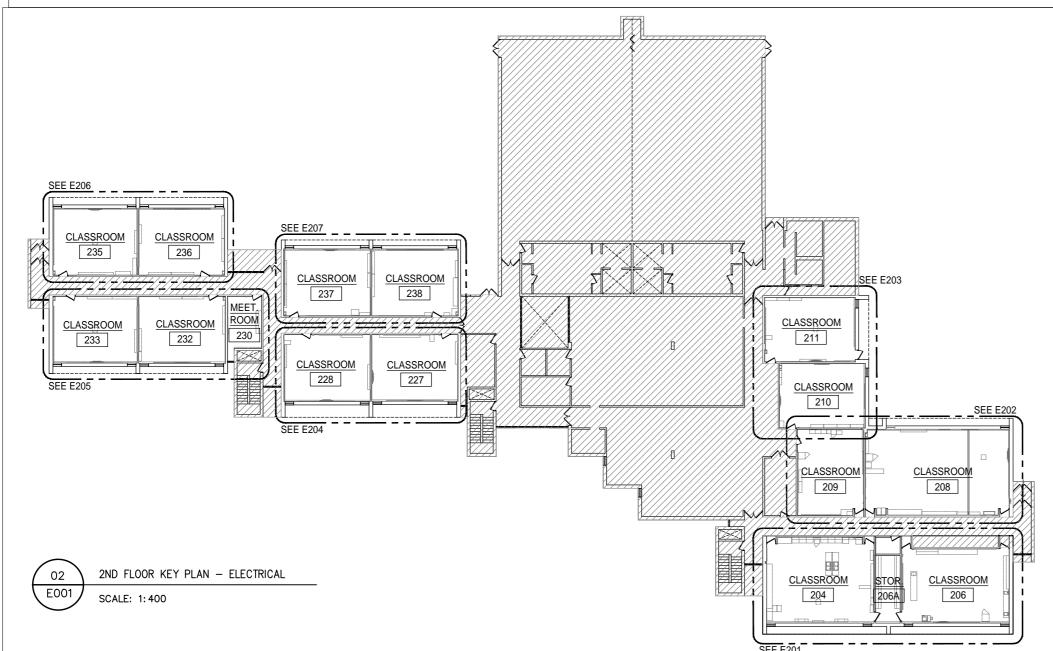
DRAWING NOTES:

- PROVIDE NEW 200 DCW & DHW LINES IN CEILING SPACE TO SERVE SINKS IN CLASSROOM 227 & 228. REFER TO 2/M107 PROPOSED MECH. PLAN FOR CONTINUATION.
- NEW 750 SAN. CONNECTED TO SAN LINE IN FIRST FLOOR CEILING SPACE. COORDINATE WITH ANOTHER PROJECT FOR THE CONNECTION LOCATION. REFER TO 1/M001 KEY PLAN FOR CONTINUATION.
- PROVIDE 120 DCW & DHW AND 380 DRAINAGE LINES
 TO NEW SINK 'S-1'. CONNECT VENT TO EXISTING
 VENTING SYSTEM. PROVIDE VENT TO ROOF IF
 NECESSARY.

ELECTRICAL LEGEND			
SYMBOL	DESCRIPTION		
F1	LED LUMINAIRES, RECESSED IN CEILING, LETTER DENOTES FIXTURE TYPE PER SCHEDULE		
⊢ F	LED TASK LIGHT, LETTER DENOTES FIXTURE TYPE PER SCHEDULE		
A O	LED LUMINAIRES, CEILING OR WALL MOUNTED RESPECTIVELY, LETTER DENOTES FIXTURE TYPE PER SCHEDULE		
\$\$\$	120V SINGLE POLE TOGGLE SWITCHES, RESPECTIVELY WITH ONE, TWO, OR THREE GANG COVER PLATE, AMPERAGE RATING TO MATCH CIRCUIT BREAKER		
<u>©</u> S	CEILING MOUNTED OCCUPANCY SENSOR FOR LIGHTING CONTROL		

	ELECTRICAL LEGEND
SYMBOL	DESCRIPTION
P ^S P P	CEILING OR WALL RECESSED MOUNTED SINGLE GANG BOX FOR P.A. SPEAKER. "S" DENOTES SURFACE BOX FOR PENDENT SPEAKER.
EBH	ELECTRIC BASEBOARD HEATER
T	THERMOSTAT
JB	JUNCTION BOX
•	PUSH BUTTON

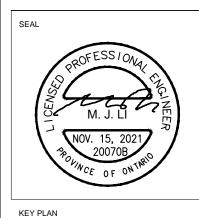




	DRAWING LIST		
DWG. NO.	DWG. NO. DRAWING TITLE		
E001 KEY PLAN, LEGEND & DRAWING LIST — ELECTRICAL			
E002 LEGEND, SCHEDULES & DETAILS — ELECTRICAL			
E003 UNIVERSAL WASHROOM LAYOUT & DETAILS — ELECTRICAL			
E101	POWER & SYSTEMS LAYOUT - CLASSROOM 109 & 110		
E102	POWER & SYSTEMS LAYOUT - CLASSROOM 104 & 105		
E103	POWER & SYSTEMS LAYOUT - CLASSROOM 129 & 130		
E104	POWER & SYSTEMS LAYOUT - CONF. 102, STAFF 125 & STOR. 132		
E201	POWER & SYSTEMS LAYOUT - CLASSROOM 204, 206 & STORAGE 206A		
E202	POWER & SYSTEMS LAYOUT - CLASSROOM 208, 209 & WASHROOM 208A		
E203	POWER & SYSTEMS LAYOUT - CLASSROOM 210 & 211		
E204	POWER & SYSTEMS LAYOUT - CLASSROOM 227 & 228		
E205	POWER & SYSTEMS LAYOUT - CLASSROOM 232, 233 & MEETING ROOM 230		
E206	POWER & SYSTEMS LAYOUT - CLASSROOM 235 & 236		
E207	POWER & SYSTEMS LAYOUT - CLASSROOM 237 & 238		

	ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION		
Φ	WALL MOUNTED DUPLEX RECEPTACLE, U-GROUND, CSA 5-15R TYPE (15A, 120V) UNLESS OTHERWISE NOTED		
15A, 125V DUPLEX GROUND FAULT INTERRUPTER RECEPTACLE (CSA 5			
QUADUPLEX RECEPTACLE, DOUBLE DUPLEX RECEPTACLES AS ABOVE COMMON COVER PLATE			
Ø Ø Ø	RECEPTACLES AS ABOVE RESPECTIVELY, BUT MOUNTED UNDERSIDE AT 150mm ABOVE COUNTER TOP, OR AS NOTED		
8	30A, 125/250V DRYER RECEPTACLE (CSA 14-30R)		
\bigcirc	DIRECT CONNECTION TO EQUIPMENT AS NOTED.		
	DIRECT CONNECTION C/W DISCONNECT SWITCH		
SURFACE MOUNTED PANEL. C FIRE ALARM MANUAL PULL STATION, 'C' DENOTES VANDAL PROOF CLEAR COVER			
			FIRE ALARM SMOKE DETECTOR, CEILING OR WALL MOUNTED
> <u>\</u>	FIRE ALARM HORN C/W STROBE LIGHT		
Z	FIRE ALARM HORN		
	FIRE ALARM CONTROL PANEL OR ANNUNCIATOR PANEL, RECESSED OR SURFACE MOUNTE		
ă ă	FIRE ALARM STROBE		





KEY PLAN

NO.	Date	Description
1.	JAN. 08/21	Issued for Review
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PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



SHEET TITLE

KEY PLAN, LEGEND & DRAWING LIST -ELECTRICAL

PHASE: Schematic Design

DRAWN BY: HZ

REVIEWED BY: ML

DATE: Jan, 2021

SCALE: As indicated

HL ENGINEERING NO.: 20070B





SHEET NUMBER:

TELECOM SYSTEMS NOTES

- ALL DATA/VOICE CABLING AND JACKS SHALL BE DONE BY SCHOOL CONTRACTORS UNDER CASH ALLOWANCE.
- ALL SECURITY SYSTEM WORKS(CAMERAS. MOTION SENSORS, WIRES)
 SHALL BE DONE BY SCHOOL CONTRACTORS UNDER CASH ALLOWANCE.
- 3. A/V SYSTEM WORKS(MICROPHONE SOUND MIXER, SMART BOARDS) SHALL BE DONE BY SCHOOL CONTRACTORS UNDER CASH ALLOWANCE.
- 4. THIS CONTRACTOR SHALL PROVIDE ALL REQUIRED WORK FOR PA SPEAKERS AND WIRES.

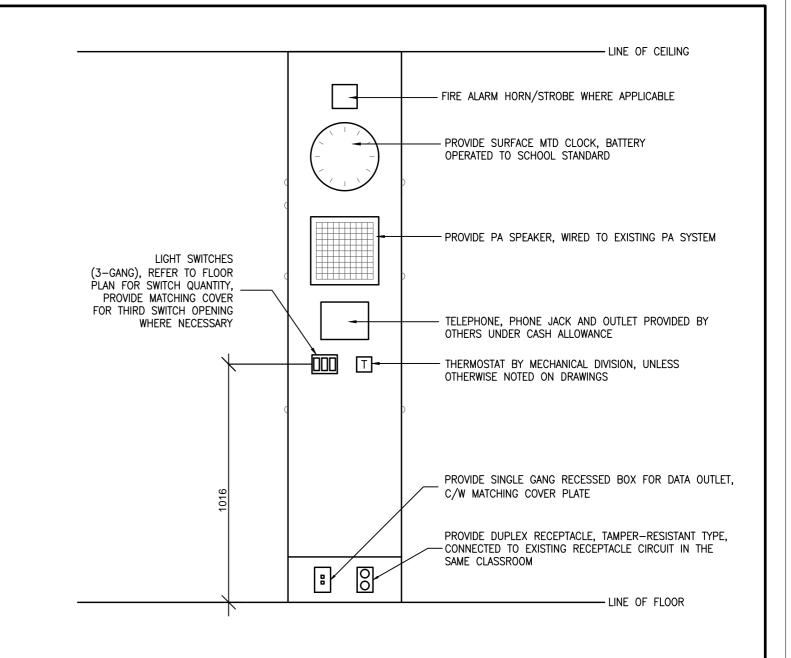
E	ELECTRIC HEATER SCHEDULE				
NO.	CAPACITY(KW)	V/P	REMARKS	NOTES	
EBH-5A	1.25(MATCH EXISTING)	208/1ø(MATCH EXISTING)	5' LONG	NOTE 3	
EBH-5B	1.25(MATCH EXISTING)	208/1ø(MATCH EXISTING)	5' LONG	NOTE 4	
EBH-6A	1.5(MATCH EXISTING)	208/1ø(MATCH EXISTING)	6' LONG	NOTE 3	
EBH-6B	1.5(MATCH EXISTING)	208/1ø(MATCH EXISTING)	6' LONG	NOTE 4	
EBH-7A	1.75(MATCH EXISTING)	208/1ø(MATCH EXISTING)	7' LONG	NOTE 3	
EBH-7B	1.75(MATCH EXISTING)	208/1ø(MATCH EXISTING)	7' LONG	NOTE 4	
EBH-8A	2.0(MATCH EXISTING)	208/1ø(MATCH EXISTING)	8' LONG	NOTE 3	
EBH-10A	2.5(MATCH EXISTING)	208/1ø(MATCH EXISTING)	10' LONG	NOTE 3	
EBH-10B	2.5(MATCH EXISTING)	208/1ø(MATCH EXISTING)	10' LONG	NOTE 4	
ECH-0.625	0.625	120/1ø	2'X4'	NOTE 3	

NOTE:

- . EBH SHALL BE OUELLET #OCB HEAVEY-DUTY ALUMINUM HEATER.
- 2. SHALL BE FLOOR MOUNTED WITH PEDESTALS, ANODIZED ALUMINUM.
- 3. HEATERS SHALL BE COMPLETED WITH BUILT—IN TAMPER—PROOF HEATING THERMOSTAT. 4. COMPLETE WITH CONTROL RELAY AND WIRES FOR REMOTE LOW VOLTAGE
- THERMOSTAT CONTROL.

 5. ECH SHALL BE QMARK MODEL #CP621, T—BAR CEILING RECESSED MOUNTED.

	ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION	
∇	DATA OUTLET, WALL MOUNTED AT A STANDARD HEIGHT UNLESS NOTED OTHERWISE	
▼	TELEPHONE OUTLET, WALL MOUNTED AT A STANDARD HEIGHT UNLESS NOTED OTHERWISE	
▼	COMBINATION OF VOICE/DATA OUTLET, WALL MOUNTED AT A STANDARD HEIGHT UNLESS NOTED OTHERWISE	
₩₩	AS ABOVE BUT MOUNTED AT A HEIGHT OF XXXXmm (XX") AFF OR AS NOTED ON DRAWING	
AV	AUDIO/VEDIO OUTLET, WALL MOUNTED	
GFI	GROUND FAULT INTERRUPTER	
LP1-1	AS APPLIED TO CIRCUITING, DENOTES "PANEL 'LP-1', CIRCUIT # 1"	
LP	LIGHTING PANEL	
S	DENOTES SURFACE INSTALLATION	
EX	DENOTES EXISTING DEVICE(S) TO REMAIN	
R	DENOTES EXISTING DEVICE(S) TO BE RELOCATED	
D	DENOTES EXISTING DEVICE(S) TO BE REMOVED	
RN	DENOTES EXISTING DEVICE(S) TO BE REMOVED AND REPLACED WITH NEW	
RR	DENOTES EXISTING DEVICE(S) TO BE REMOVED AND RE-INSTALLED IN LOCATION AS NOTED	
RE	DENOTES EXISTING DEVICE(S) IN RELOCATED/REINSTALLED POSITION	
N	DENOTES PROVIDE NEW DEVICE(S)	
(2)	DENOTES DRAWING REFERENCE NOTES # 2	
01 E-02	DENOTES REFER TO DETAIL #1 ON DRAWING #E-02.	
₽ ♦	CLASS ROOM SERVICE CONTROL PANEL (SCP), C/W THE FOLLOWING DEVICES: 1 - CLOCK 1 - DUPLEX RECEPTACLE 1 - DATA OUTLET 1 - ROOM THERMOSTAT 1 - PA SPEAKER 1 - HANDSET OR CALL SWITCH (TELEPHONE)	



NOTES:

- 1. DIMENSIONS SHOW IN MILLIMETERS. THE DETAILS SHOW GENERAL ARRANGEMENT ONLY.
- 2. CLASSROOM SERVICE CONTROL PANEL WILL BE A PRE-MANUFACTURED UNIT "CLASS MATE, CLASSROOM CONTROL PANEL" BY INTERSPEC SYSTEMS.
- 3. CLASSROOM SERVICE CONTROL PANELS ARE PROVIDED BY OTHER DIVISION, REFER TO ARCHITECTURAL SPECIFICATION.
- 4. PROVIDE RECESSED JUNCTION BOXES FOR SYSTEM DEVICES.
- 5. ALL 120 VOLT WIRING IN CLASSROOM PANELS SHALL BE IN FLEXIBLE CONDUIT FROM OUTLET BOXES IN ACCESSIBLE CEILING SPACES.
- 6. PA, PHONE AND CONTROL WIRING TO BE RUN EXPOSED INSIDE CLASSROOM PANEL FROM OUTLET BOX OR CONDUIT IN CEILING SPACE.



TYPICAL CLASSROOM SERVICE CONTROL PANEL DETAILS

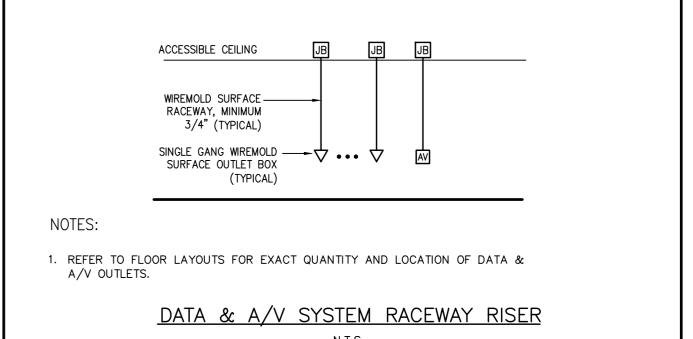
SCALE: N.T.S.

	LUMINAIRE SCH	HEDULE		
TYPE	DESCRIPTION	LAMP	BALLAST	REMARKS
F1	2' LINEAR LED FIXTURE, SURFACE MOUNTED UNDER CABINETS. CODE—GAUGE STEEL HOUSING WITH FLAT FROSTED ACRYLIC LENS. WIDE LIGHTING DISTRIBUTION. APPLICATION: UNDER CABINET	13.5W LED 4000K 1604 LUM	120V LED DRIVER	HUBBELL COLUMBIA LIGHTING #MPS SERIES OR APPROVED EQUAL
F1a	SAME AS 'F1', EXCEPT C/W 4' FIXTURE. APPLICATION: UNDER CABINET	20W LED 4000K 2494 LUM	120V LED DRIVER	HUBBELL COLUMBIA LIGHTING #MPS SERIES OR APPROVED EQUAL
F1b	SAME AS 'F1', EXCEPT C/W 8' FIXTURE. APPLICATION: UNDER CABINET	40W LED 4000K 4988 LUM	120V LED DRIVER	HUBBELL COLUMBIA LIGHTING #MPS SERIES OR APPROVED EQUAL
F2	1' X 4' BACKLIT CEILING RECESSED PANEL WITH ALUMINUM FRAME AND PMMA LENS, WHITE FINISH. APPLICATION: CUSTODIAL ROOM	30W, LED LAMP, 4000K 3825LM	120V ELECTRONIC LED DRIVER	RAB DESIGN #CPL14-LED30 SERIES OR APPROVED EQUAL
A1	6" DIA. WET LOCATION CEILING RECESSED LED DOWN LIGHT, C/W ONE-PIECE 22 GAUGE NON-CORROSIVE STEEL HOUSING, CLEAR ALZAK REFLECTOR, WHITE SELF-TRIM, C/W IP65 SHOWER LENS. APPLICATION: SHOWER.	17.8W, LED LAMP, 4000K 1400 LM	120V ELECTRONIC LED DRIVER	HUBBELL PRESCOLITE #LC6SL SERIES OR APPROVED EQUAL
E1	EMERGENCY REMOTE UNIT, C/W ONE(1) OR TWO(2) 6W MR16 LED HEADS, CEILING OR SURFACE MOUNTED, WITH A CLEAR POLYCARBONATE UV AND IMPACT RESISTANT LENS, DIE CAST ALUMINUM BACK PLATE, WHITE FINISH, 12VDC.	2 x 6W		EMERGI-LITE #EF40 SERIES OR APPROVED EQUAL.
E2	EMERGENCY LIGHTING BATTERY UNIT, 1/2HR BATTERY, WITH OPTIONAL ONE(1) OR TWO(2) 6W MR16 LED HEADS, WALL MOUNTED, WHITE FINISH, 12VDC/120VAC OR TO MATCH EXISTING AS NOTED. MOUNT @ 200MM BELOW CEILING.			EMERGI-LITE #ESL SERIES OR APPROVED EQUAL.

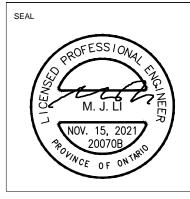
1 - HANDSET OR CALL SWITCH (TELEPHONE)

SWITCHING, 120 VOLT, AS REQUIRED

1 - FIRE ALARM HORN







KEY PLAN

REVISIONS

No. Date Description

1. JAN. 08/21 Issued for Review

2. MAR. 12/21 Issued for Tender & Permit

3. NOV. 15/21 Issued for Retender

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



SHEET TIT

LEGEND, SCHEDULES & DETAILS -ELECTRICAL

PHASE: Schematic Design

DRAWN BY: HZ

REVIEWED BY: ML

DATE: Jan, 2021

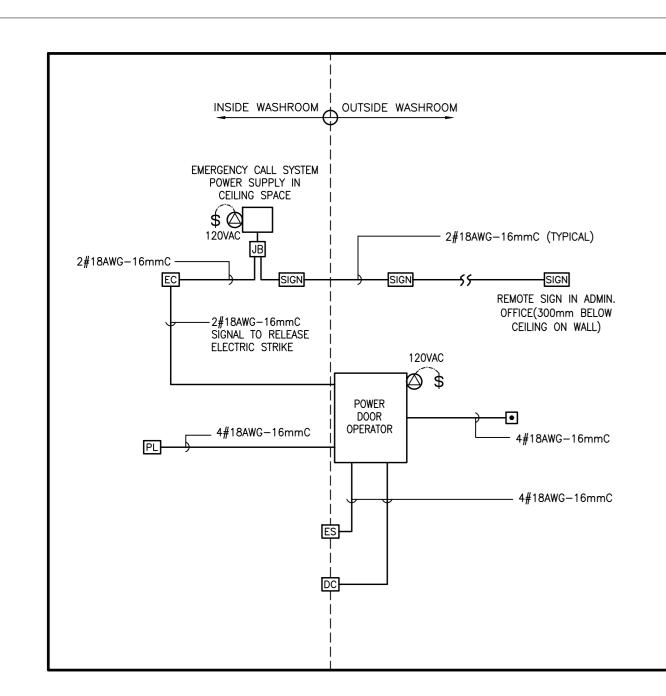
SCALE: As indicated

HL ENGINEERING NO.: 20070B



TRUE NORTH

SHEET NUMBER:



- 1. CONFIRM ALL REQUIRED OUTLETS, CONDUITS, WIRING, ETC. WITH SHOP DRAWINGS PRIOR TO ROUGH IN.
- 2. FOLLOWING ITEMS SHALL BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE WIRES IN CONDUITS AND JUNCTION BOX FOR EACH DEVICE.
 - PUSH TO LOCK TOUCH PAD, DOOR PUSH BUTTON TOUCH PAD C/W 'IN-USE' SIGN.
- ELECTRIC STRIKES DOOR CONTACTS
- POWER DOOR OPERATOR C/W POWER SUPPLY TRANSFORMER
- 5. DOOR OPERATION CONTROL RELAYS
- 3. ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE EMERGENCY CALL ASSISTANCE SYSTEM, INCLUDING INTERLOCK SIGNAL TO RELEASE ELECTRIC STRIKE.
- 4. THE MOUNTING HEIGHTS OF ALL OPERATION DEVICES SHALL MEET "OBC BARRIER-FREE DESIGN" REQUIREMENTS (LESS THAN 1200mm AFF). CONFIRM EXACT MOUNTING HEIGHT OF 'ASSISTANCE REQUIRED' SIGNS ON SITE. IN GENERAL MINIMUM 200mm ABOVE DOOR AND 200mm BELOW CEILING.
- 5. ALL LOW VOLTAGE WIRING SHALL BE STRANDED & SHIELDED COPPER CONDUCTORS, PLENUM RATED INSTALLED IN CONDUIT OR PLENUM RATED IN HOLLOW METAL DOOR FRAME WHERE ACCESSIBLE. RUN WIRES IN TO HEADER OF AUTOMATIC DOOR OPERATOR OPPOSITE HINGE SIDE ABOVE DOOR JAMB TO ALLOW FOR ORGANIZED LOW VOLTAGE WIRING DUE TO LOCATION OF RELAY.
- 6. COORDINATE LOW VOLTAGE WIRING FINAL CONNECTION & COMMISSIONING OF THE DOOR OPERATOR SYSTEM WITH MANUFACTURER.
- 7. UNIVERSAL BF W/R EMERGENCY CALL SYSTEM SHALL BE CAMDEN #CM-WEC SERIES OR EQUAL.
- 8. 'ASSISTANCE REQUIRED' SIGN SHALL BE CAMDEN #CM-AF141SO, DOME LIGHT WITH ADJUSTABLE SOUNDER, WEATHER AND VANDAL RESISTANT, TEXT ON LENS.
- 9. EMERGENCY CALL STATION SHALL BE CAMDEN #CM-450R/12, MUSHROOM PUSH BUTTON, PUSH/PULL OPERATION, WITH TEXT 'PRESS FOR EMERGENCY ASSISTANCE', SINGLE GANG STAINLESS STEEL FACEPLATE, C/W EXTRA RELAY FOR REMOTE RELEASE OF ELECTRIC STRIKE.
- 10. ALL CONDUITS AND JUNCTION BOXES SHALL BE RECESSED AND CONCEALED, SURFACE INSTALLATION IS NOT PERMITTED.

OPERATION:

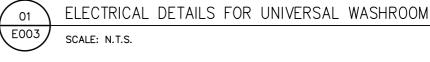
- 1. EXTERIOR DOOR PUSH BUTTON TOUCH PAD OPENS DOOR.
- 2. PUSH TO LOCK TOUCH PAD DEACTIVATES EXTERIOR TOUCH PAD, LOCKS THE DOOR & ACTIVATES 'IN USE' SIGNS INSIDE AND OUTSIDE OF THE WASHROOM
- 3. RE-PUSH TO UNLOCK AND OPEN THE DOOR & DEACTIVATES 'IN USE' SIGNS INSIDE AND OUTSIDE OF THE WASHROOM.
- 4. EMERGENCY CALL STATION ACTIVATES ALL EMERGENCY 'ASSISTANCE REQUIRED' SIGNS, AND RELEASE THE ELECTRIC STRIKE.

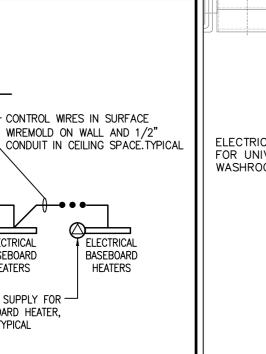
LEGEND:

- EC EMERGENCY CALL STATION
- SIGN EMERGENCY CALL STATION 'ASSISTANCE REQUIRED' SIGN
- RECESSED MOUNTED PUSH TO LOCK TOUCH PAD C/W 'IN USE' SIGN, PROVIDE 1 1/2" DEEP, 4"

SQUARE JUNCTION BOX

- RECESSED MOUNTED DOOR PUSH BUTTON TOUCH PAD C/W 'IN USE' SIGN, PROVIDE 1 1/2" DEEP, 4" SQUARE JUNCTION BOX
- ES ELECTRIC STRIKE
- DC DOOR CONTACT





NOTES:

TRANSFORMER

VLOTAGE

THERMOSTAT

CLASSROOM

SERVICE CONTROL

PANEL

1 PROVIDE LOW VOLTAGE THERMOSTAT TO CONTROL UP TO EIGHT (8) ELECTRICAL BASEBOARD HEATERS.

ÉLECTRICAL

BASEROARD

HEATERS

ÉLECTRICAL

BASEROARD

HEATERS

POWER SUPPLY FOR -

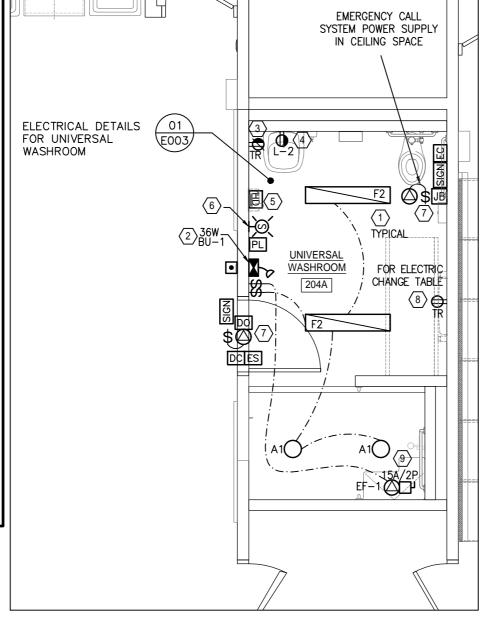
BASEBOARD HEATER,

120V AC POWER INCOME

E003

03 LOW VOLTAGE THERMOSTAT CONTROL DIAGRAM

SCALE: N.T.S.



UNIVERSAL WASHROOM #204A LAYOUT SCALE: 1:50

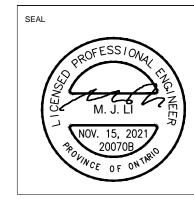
GENERAL NOTES:

- . UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.

NOTES:

- PROVIDE NEW LIGHT 'F2' AND 'A1', CEILING RECESSED MOUNTED, NEW LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN THIS AREA AND CONTROLLED BY NEW WALL SWITCH.
- 2 PROVIDE ONE(1) NEW EMERGENCY LIGHTING BATTERY UNIT 'BU-1' C/W SINGLE-HEAD REMOTE LIGHTS. PROVIDE UNSWITCHED HOT CONDUCTOR FROM EXISTING NORMAL LIGHT CIRCUIT TO 'BU-1'.
- PROVIDE ONE(1) NEW GFI RECEPTACLE, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN EXISTING PANEL 'LP-H', PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW GFI RECEPTACLES.
- PROVIDE NEW GFI RECEPTACLES FOR LAVATORY 'L-2' SENSORS, CONFIRM EXACT LOCATION AND MOUNTING HEIGHT ON SITE. CONTRACTOR TO MAKE SURE THE RECEPTACLE TO BE CONCEALED BEHIND 'L-2'. CONNECT TO GFI RECEPTACLE CIRCUIT IN THIS WASHROOM.
- PROVIDE NEW HAND DRYER, MOUNTING HEIGHT: 1100mm AFF TO HAND DRYER TOP. PROVIDE ONE NEW 15A/1P GFI BREAKER IN EXISTING PANEL 'LP-H', PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW HAND DRYER
- 6 PROVIDE NEW FIRE ALARM STROBES AND CONNECT TO EXISTING FA STROBE CIRCUIT IN THIS AREA.
- PROVIDE POWER CONNECTIONS C/W SWITCH FOR UNIVERSAL WASHROOM EMERGENCY CALL SYSTEM AND POWER DOOR OPERATOR. ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN EXISTING PANEL 'LP-H', PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW EMERGENCY CALL SYSTEM AND DOOR OPERATOR.
- (8) PROVIDE ONE(1) NEW GFI RECEPTACLE FOR ELECTRIC CHANGE TABLE, CONFIRM EXACT LOCATION AND MOUNTING HEIGHT ON SITE. ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN EXISTING PANEL 'LP-H', PROVIDE DEDICATED FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW GFI RECEPTACLE.
- (9) PROVIDE NEW POWER CONNECTION FOR EF-1, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN EXISTING PANEL 'LP-H', PROVIDE DEDICATED FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW EF-1.





KEY PLAN

REVISIONS			
No.	Date	Description	
1.	JAN. 08/21	Issued for Review	
2.	MAR. 12/21	Issued for Tender & Permit	
3.	NOV. 15/21	Issued for Retender	

. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



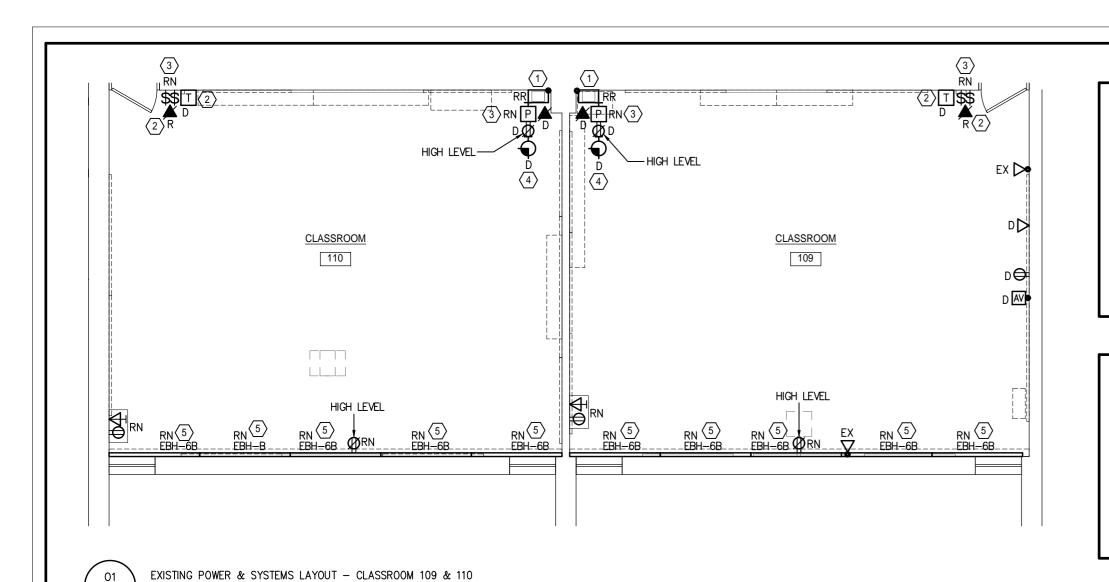
UNIVERSAL **WASHROOM LAYOUT &** DETAILS - ELECTRICAL

Schematic Design DRAWN BY: HZ REVIEWED BY: ML Jan, 2021 As indicated SCALE: HL ENGINEERING NO.: 20070B



SHEET NUMBER:



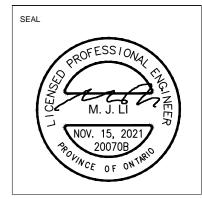


- 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL DIRECTORY.
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

- $\langle 1 \rangle$ EXISTING SHELF WITH MICROPHONE SOUND MIXER TO BE REMOVED AND REINSTALLED WITHIN NEW TEACHER CLOSET.
- \bigcirc EXISTING ELECTRICAL DEVICES(TELEPHONE) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- (3) EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER, THERMOSTAT) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES.
- 4 EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- (5) REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY.





KEY PLAN

REV	'ISIONS	
No.	Date	Description
1.	JAN. 08/21	Issued for Review
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3.	NOV. 15/21	Issued for Retender

GENERAL NOTES:

- 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- 4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES.
- 5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT ACCEPTABLE.

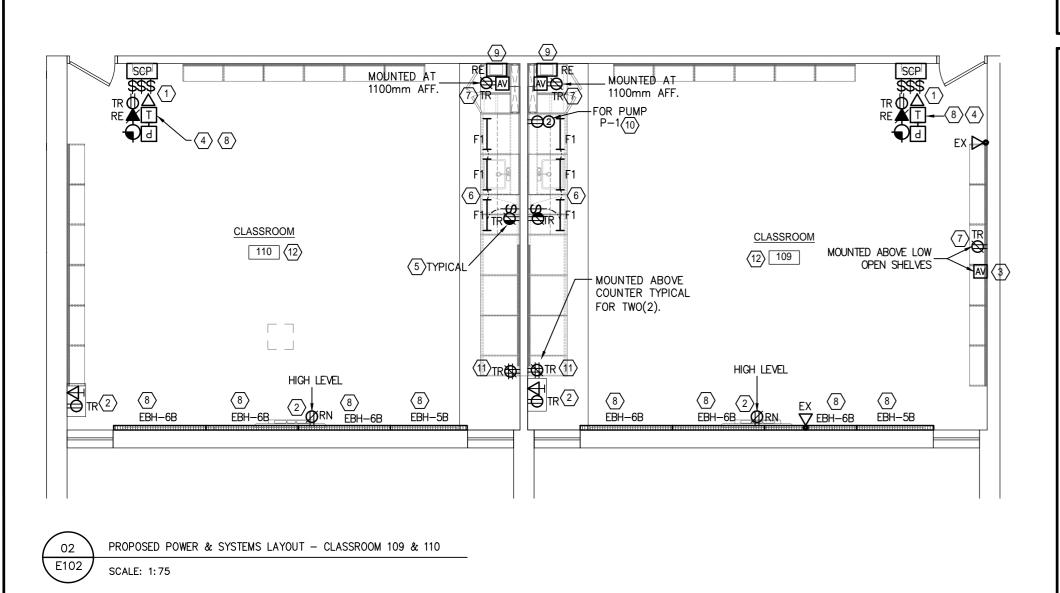
NOTES:

- NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
- UNLESS OTHERWISE NOTED, REPLACE ALL EXISTING RECEPTACLES WITH NEW. LOCATION AND MOUNTING HEIGHT MAINTAIN THE SAME. PROVIDE WIREMOLD BOXES FOR SURFACE MOUNTED RECEPTACLES. ALL NEW RECEPTACLES SHALL BE TAMPER-RESISTANT TYPE.
- (3) PROVIDE ONE(1) NEW WIREMOLD A/V OUTLET BOX AND WIREMOLD SURFACE RACEWAY TO CEILING SPACE.
- PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER TO LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- PROVIDE NEW TAMPER-RESISTANT GFI RECEPTACLES, WALL RECESSED MOUNTED AT 150mm ABOVE COUNTER TOP, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM.
- PROVIDE NEW TASK LIGHTS 'F1', SURFACE MOUNTED UNDER UPPER CABINETS. ALL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- PROVIDE ONE(1) NEW TAMPER-RESISTANT RECEPTACLE, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOX AND WIREMOLD RACEWAY TO CEILING SPACE. SURFACE CONDUIT IS NOT PERMITTED.
- REPLACE EXISTING ELECTRICAL BASEBOARD HEATER WITH NEW AND CONNECT TO EXISTING ELECTRIC HEATER CIRCUIT. THE VOLTAGE AND WATTAGE OF NEW ELECTRICAL BASEBOARD HEATER SHALL MATCH EXISTING. REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY. WIRE ALL NEW EBH TO BE CONTROLLED BY NEW THERMOSTAT IN SERVICE CONTROL PANEL.
- RELOCATE EXISTING SHELF WITH MICROPHONE SOUND MIXER TO NEW LOCATION, MOUNTED AT 1200mm AFF. PROVIDE ONE(1) NEW WIREMOLD SURFACE A/V BOX, MOUNTED AT 1200mm AFF. PROVIDE WIREMOLD RACEWAY TO CEILING SPACE FOR EXISTING AUDIO CABLE.
- PROVIDE ONE(1) NEW 20A RECEPTACLE IN CABINET FOR PUMP 'P-1', 1/2 HP, 120V1ø. ADD ONE(1) NEW 20A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING POWER PANEL. RUN FEEDER 2#12+GRD-21MMC FOR PUMP CIRCUIT.
- PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/1P BREAKERS TO MATCH EXISTING IN EXISTING PANEL 'LP-B' FOR EACH NEW QUAD RECEPTACLE CIRCUITS (TOTAL TWO). PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLES. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO ROUGH-IN.
- PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES:

 1. FROM SMARTBOARD TO CEILING;

 2. FROM A/V AMPLIFIERS TO CEILING.

 CONFIRM EXACT LOCATION ON SITE.



PROJECT

J. Douglas Hodgson E.S.

Renovations

1020 Grass Lake Road, Halliburton, ON,

Door/Screen & Millwork



POWER & SYSTEMS
LAYOUT - CLASSROOM

109 & 110

PHASE: Schematic Design

DRAWN BY: HZ

REVIEWED BY: ML

DATE: Jan, 2021

SCALE: As indicated

HL ENGINEERING NO.: 20070B

CONSTRUCTION NORTH

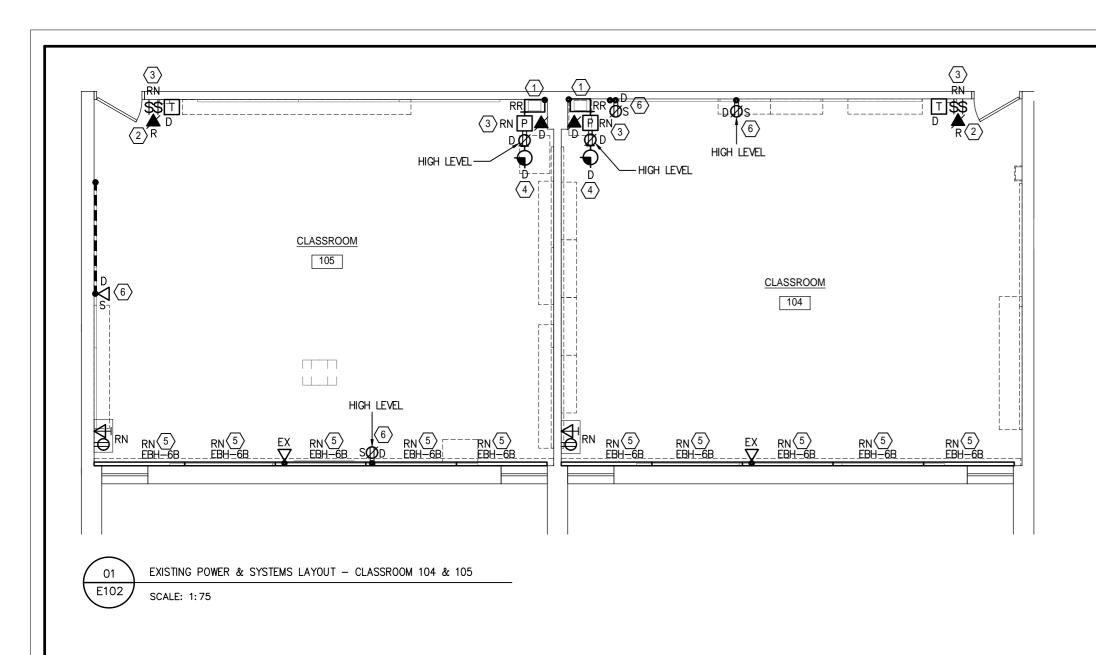
TRUE NORTH

SHEET NUMBER:

E101

E101

SCALE: 1:75

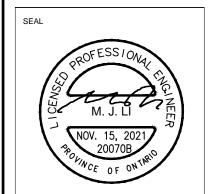


- 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- 3. REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL DIRECTORY.
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

- $\langle 1 \rangle$ EXISTING SHELF WITH MICROPHONE SOUND MIXER TO BE REMOVED AND REINSTALLED WITHIN NEW TEACHER CLOSET.
- $\langle 2 \rangle$ EXISTING ELECTRICAL DEVICES(TELEPHONE) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER, THERMOSTAT) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES
- 4 EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- $\overline{\left\langle 5\right\rangle }$ REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY.
- 6 UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING SURFACE MOUNTED POWER, DATA, TV OUTLET BOXES AND ALL EXISTING SURFACE EMT, BX CONDUITS TO THESE OUTLET BOXES.

HL ENGINEERING LTD 14721 WOODBINE AVE, STOUFFVILLE, ON 14A 2G7 905-713-0003 www.hlengineering.ca



KEY PLAN

REV	'ISIONS	
No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

GENERAL NOTES:

- 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- 4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT. WIRES OR CABLES.
- 5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT ACCEPTABLE.

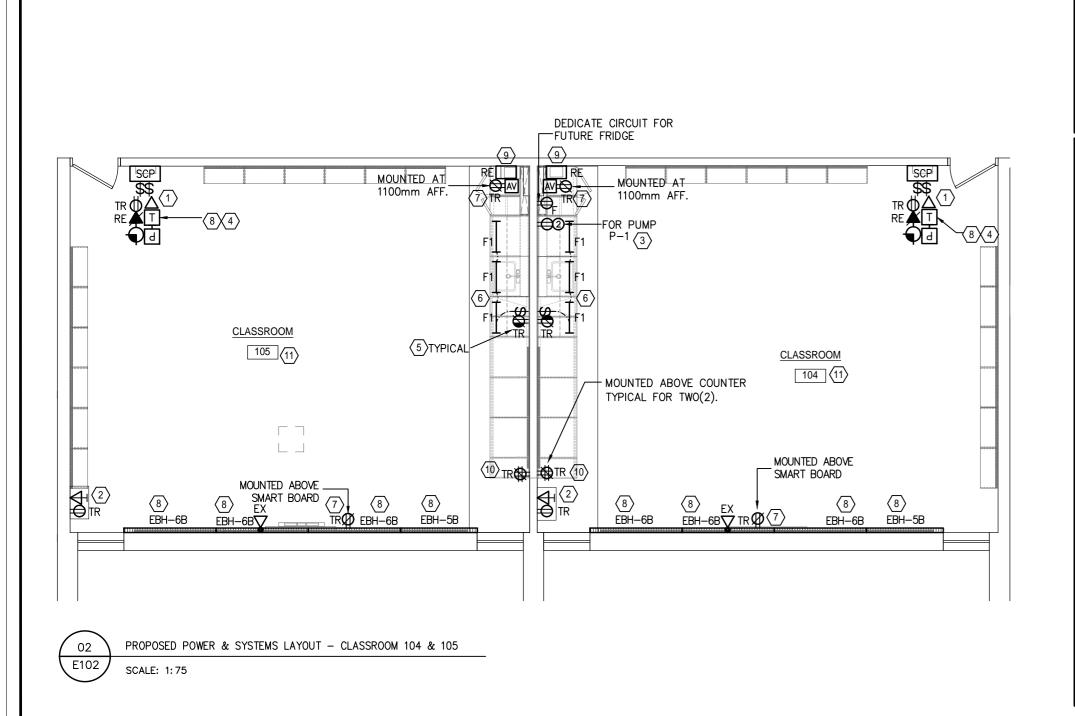
NOTES:

- NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
- UNLESS OTHERWISE NOTED, REPLACE ALL EXISTING RECEPTACLES WITH NEW. LOCATION AND MOUNTING HEIGHT MAINTAIN THE SAME. PROVIDE WIREMOLD BOXES FOR SURFACE MOUNTED RECEPTACLES. ALL NEW RECEPTACLES SHALL BE TAMPER-RESISTANT TYPE.
- PROVIDE ONE(1) NEW 20A RECEPTACLE IN CABINET FOR PUMP 'P-1', 1/2 HP, 120V1ø. ADD ONE(1) NEW 20A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING POWER PANEL. RUN FEEDER 2#12+GRD-21MMC FOR PUMP CIRCUIT.
- PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER TO LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- PROVIDE NEW TAMPER-RESISTANT GFI RECEPTACLES, WALL RECESSED MOUNTED AT 150mm ABOVE COUNTER TOP, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM.
- PROVIDE NEW TASK LIGHTS 'F1', SURFACE MOUNTED UNDER UPPER CABINETS. ALL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- PROVIDE ONE(1) NEW TAMPER-RESISTANT RECEPTACLE, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOX AND WIREMOLD RACEWAY TO CEILING SPACE. SURFACE CONDUIT IS NOT PERMITTED.
- REPLACE EXISTING ELECTRICAL BASEBOARD HEATER WITH NEW AND CONNECT TO EXISTING ELECTRIC HEATER CIRCUIT. THE VOLTAGE AND WATTAGE OF NEW ELECTRICAL BASEBOARD HEATER SHALL MATCH EXISTING. REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY. WIRE ALL NEW EBH TO BE CONTROLLED BY NEW THERMOSTAT IN SERVICE CONTROL PANEL.
- REINSTAWLL EXISTING SHELF WITH MICROPHONE SOUND MIXER WITH NEW TEACHER CABINET, MOUNTED AT 1200mm AFF. PROVIDE ONE(1) NEW WIREMOLD SURFACE A/V BOX, MOUNTED AT 1200mm AFF. PROVIDE WIREMOLD RACEWAY TO CEILING SPACE FOR EXISTING AUDIO CABLE.
- PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/1P BREAKERS TO MATCH EXISTING IN EXISTING PANEL 'LP-B' FOR EACH NEW QUAD RECEPTACLES CIRCUITS (TOTAL TWO). PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLE. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO ROUGH-IN.
- PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES:

 1. FROM SMARTBOARD TO CEILING;

 2. FROM A/V AMPLIFIERS TO CEILING.

CONFIRM EXACT LOCATION ON SITE.



PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



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POWER & SYSTEMS LAYOUT - CLASSROOM 104 & 105

PHASE: Schematic Design

DRAWN BY: HZ

REVIEWED BY: ML

DATE: Jan, 2021

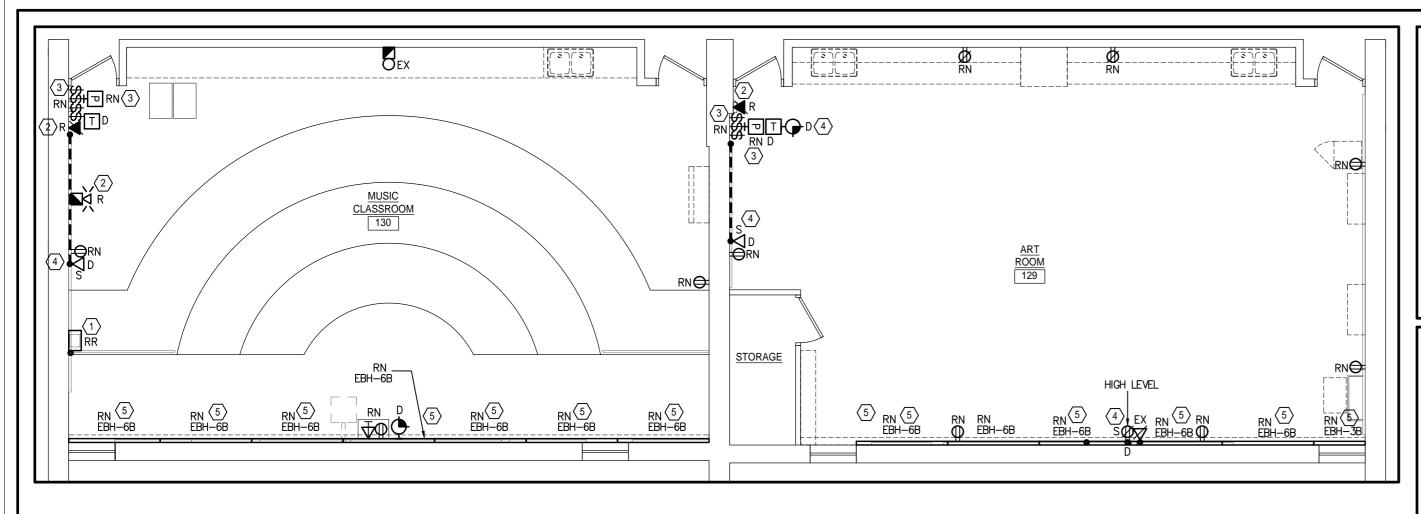
SCALE: As indicated

HL ENGINEERING NO.: 20070B

CONSTRUCTION NORTH

TRUE NORTH

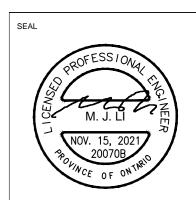
SHEET NUMBER:



- UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

- EXISTING SHELF WITH MICROPHONE SOUND MIXER TO BE REMOVED AND REINSTALLED AT SAME LOCATION.
- (2) EXISTING ELECTRICAL DEVICES(TELEPHONE) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- (3) EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER, THERMOSTAT) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES.
- $\langle 4 \rangle$ EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- 5 REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD
- 4 UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING SURFACE MOUNTED POWER, DATA, TV OUTLET BOXES AND ALL EXISTING SURFACE EMT, BX CONDUITS TO THESE





KEY PLAN

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	NOV. 15/21	Issued for Retender	

. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



POWER & SYSTEMS LAYOUT - CLASSROOM 129 & 130

Schematic Design DRAWN BY: HZ

REVIEWED BY: ML

Jan, 2021

As indicated SCALE:

HL ENGINEERING NO.:

CONSTRUCTION NORTH

SHEET NUMBER:

TRUE NORTH

20070B

E103

(2) TR (+) HEIGHT ON SITE CLASSROOM (9) 130 **₩**TR **⊕**TR 2) RN CLASSROOM (PREVIOUS (9) ART ROOM) 129 RE 3 (2) TR**⊖** HIGH LEVEL EBH-10B EBH-10B FRH-10R EBH-10B EBH-10B EBH-10B GENERAL NOTES: 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW. 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE. 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.

NOTES:

- NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
- 2 UNLESS OTHERWISE NOTED, REPLACE ALL EXISTING RECEPTACLES WITH NEW. LOCATION AND MOUNTING HEIGHT MAINTAIN THE SAME. PROVIDE WIREMOLD BOXES FOR SURFACE MOUNTED RECEPTACLES. ALL NEW RECEPTACLES SHALL BE TAMPER-RESISTANT TYPE.
- (3) RELOCATE EXISTING SHELF WITH MICROPHONE SOUND MIXER AT SAME LOCATION.
- PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER TO LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- $\langle 5 \rangle$ PROVIDE NEW TASK LIGHTS 'F1' AND 'F1a', SURFACE MOUNTED UNDER UPPER CABINETS. ALL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- (6) PROVIDE ONE(1) NEW TAMPER-RESISTANT RECEPTACLE, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOX AND WIREMOLD RACEWAY TO CEILING SPACE. SURFACE CONDUIT IS NOT PERMITTED.
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- PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/1P BREAKERS TO MATCH EXISTING IN EXISTING PANEL 'LP-C' FOR NEW QUAD RECEPTACLE CIRCUIT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLE. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO ROUGH-IN.
- 9 PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES: FROM SMARTBOARD TO CEILING; 2. FROM A/V AMPLIFIERS TO CEILING. CONFIRM EXACT LOCATION ON SITE.

02 E103

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E103

SCALE: 1:75

RE CONTROL OF THE CON

PROPOSED POWER & SYSTEMS LAYOUT - CLASSROOM 129, 130 & STORAGE 125 SCALE: 1:75

EXISTING POWER & SYSTEMS LAYOUT - CLASSROOM 129, 130 & STORAGE 125

OEX

4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES.

F1 F1 5

TR (8)

- MOUNTED 150mm ABOVE COUNTER, TYPICAL

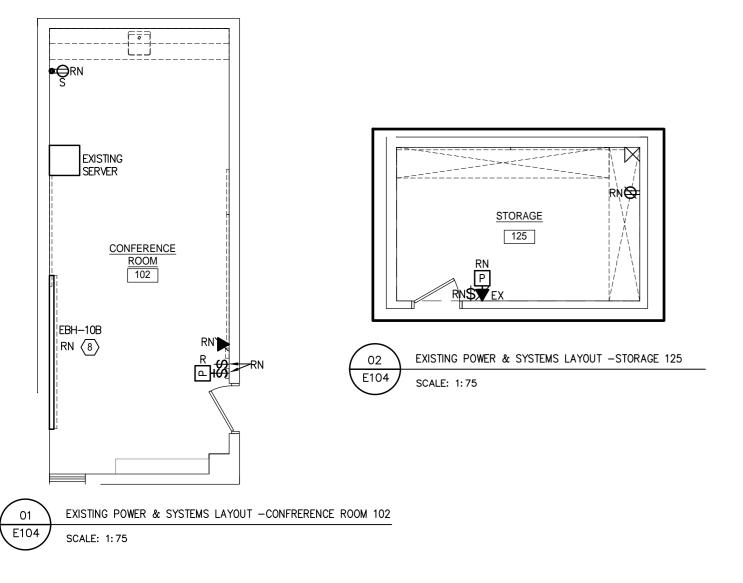
-PROVIDE DEDICATE

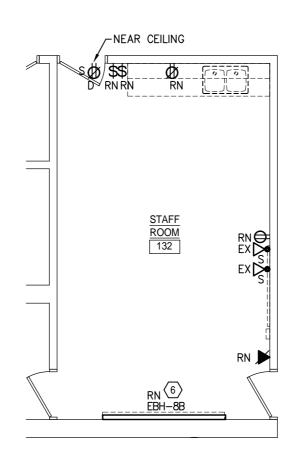
EXACT MOUNTING

CIRCUIT FOR MICROWAVE

RECEPTACLE. CONFIRM

5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT ACCEPTABLE.





EXISTING POWER & SYSTEMS LAYOUT -STAFF ROOM 132 E104 SCALE: 1:75

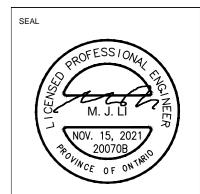
GENERAL NOTES:

- 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

- (1) EXISTING SHELF WITH MICROPHONE SOUND MIXER TO BE REMOVED AND REINSTALLED AT SAME LOCATION.
- (2) EXISTING ELECTRICAL DEVICES(TELEPHONE) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- (3) EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES.
- $\langle 4 \rangle$ EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- 5 REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD
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KEY PLAN

No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



POWER & SYSTEMS LAYOUT - CONF. 102, STAFF 125 & STOR. 132

Schematic Design DRAWN BY: HZ REVIEWED BY: ML Jan, 2021 As indicated **SCALE**

HL ENGINEERING NO .:

SHEET NUMBER:

TRUE NORTH

20070B

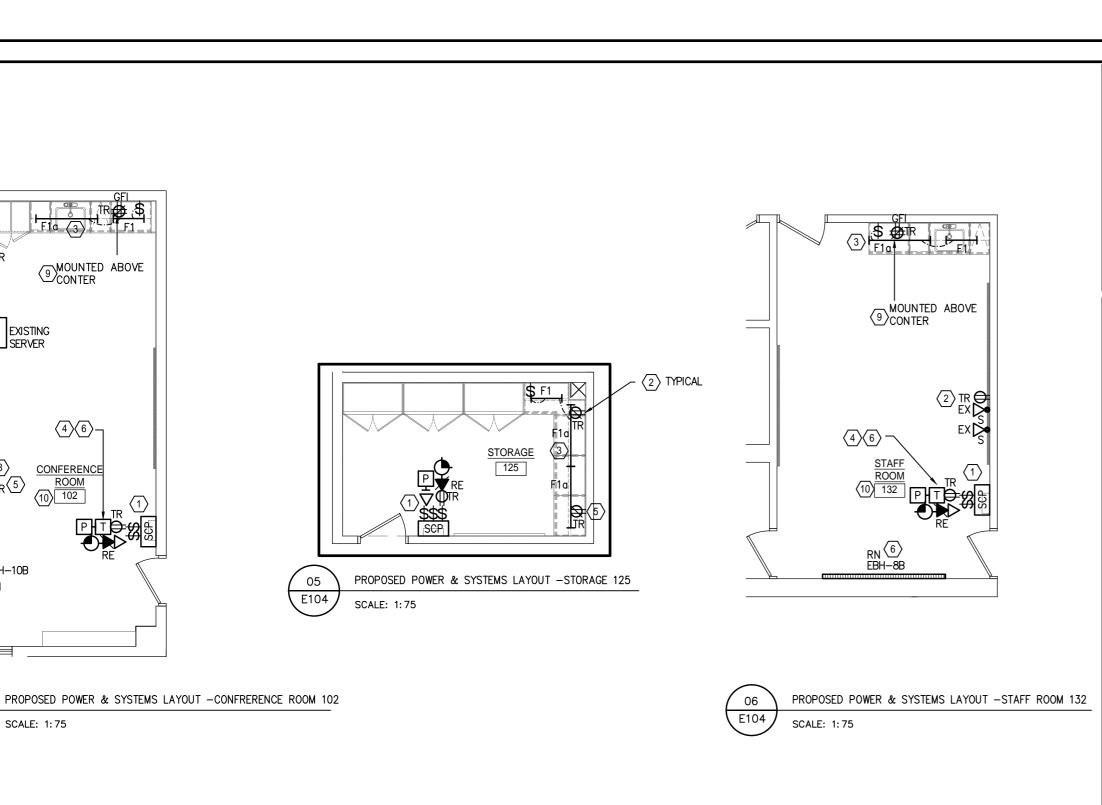
E104

GENERAL NOTES:

- UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- 4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES.
- 5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT

- 1 NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
- (2) UNLESS OTHERWISE NOTED, REPLACE ALL EXISTING RECEPTACLES WITH NEW. LOCATION AND MOUNTING HEIGHT MAINTAIN THE SAME. PROVIDE WIREMOLD BOXES FOR SURFACE MOUNTED RECEPTACLES. ALL NEW RECEPTACLES SHALL BE
- PROVIDE NEW TASK LIGHTS 'F1' AND 'F1a', SURFACE MOUNTED UNDER UPPER CABINETS. ALL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER TO LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- PROVIDE NEW TAMPER-RESISTANT RECEPTACLSE, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS ROOM. PROVIDE WIREMOLD SURFACE OUTLET BOX AND WIREMOLD RACEWAY TO CEILING SPACE. SURFACE CONDUIT IS NOT PERMITTED.
- (6) REPLACE EXISTING ELECTRICAL BASEBOARD HEATER WITH NEW AND CONNECT TO EXISTING ELECTRIC HEATER CIRCUIT. THE VOLTAGE AND WATTAGE OF NEW ELECTRICAL BASEBOARD HEATER SHALL MATCH EXISTING. REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY. WIRE ALL NEW EBH TO BE CONTROLLED BY NEW THERMOSTAT IN SERVICE CONTROL
- 7 PROVIDE ONE(1) NEW TAMPER-RESISTANT RECEPTACLE, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOXES AND WIREMOLD RACEWAY FOR SURFACE INSTALLATION. SURFACE CONDUIT IS NOT
- 8 PROVIDE NEW WIREMOLD DATA OUTLET BOXES AND WIREMOLD SURFACE RACEWAY TO CEILING SPACE.
- 9 PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/IP BREAKERS TO MATCH EXISTING IN EXISTING PANEL 'LP-C' FOR NEW QUAD RECEPTACLE CIRCUIT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLE. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO ROUGH-IN.
- PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES:

 1. FROM SMARTBOARD TO CEILING;
- 2. FROM A/V AMPLIFIERS TO CEILING.
- CONFIRM EXACT LOCATION ON SITE.



E104

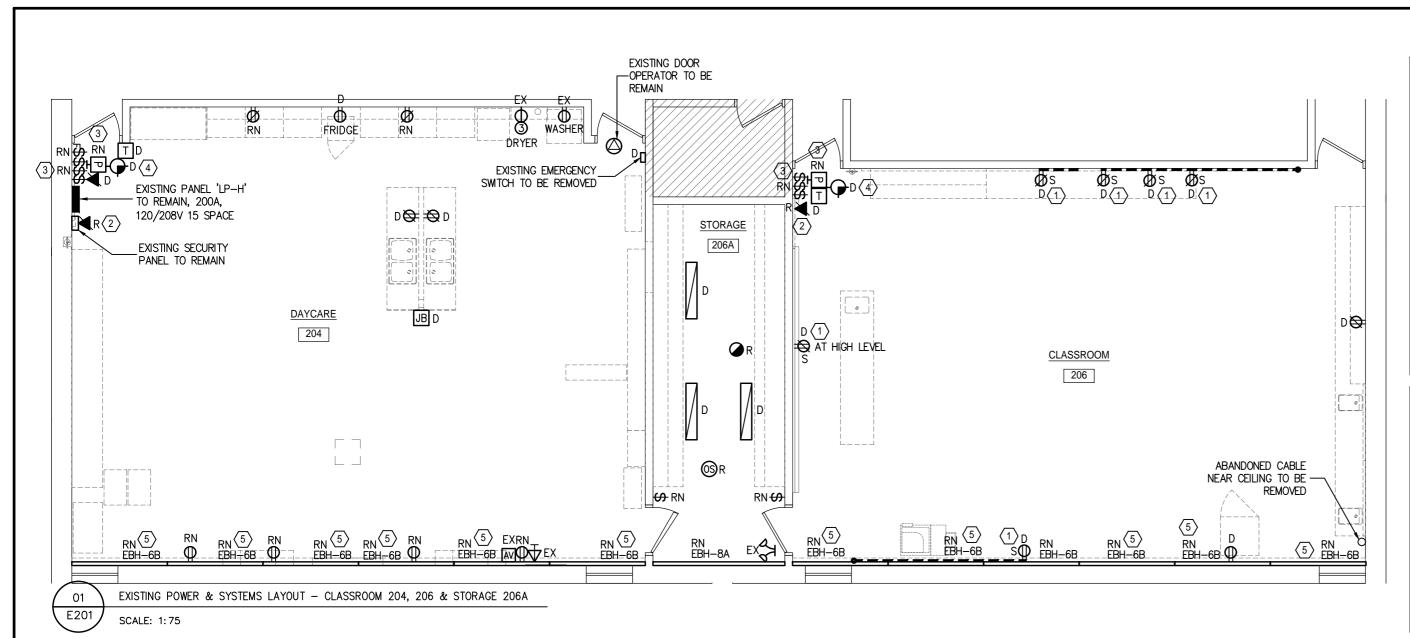
EBH-10B

SCALE: 1:75

9 MOUNTED ABOVE CONTER

EXISTING

CONFERENCE ROOM (10) 102

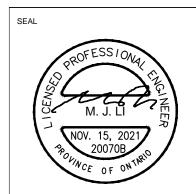


- UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- 3. REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING SURFACE MOUNTED POWER, DATA, TV OUTLET BOXES AND ALL EXISTING SURFACE EMT, BX CONDUITS TO
- 2) EXISTING ELECTRICAL DEVICES(TELEPHONE) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- (3) EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES.
- 4 EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- 5 REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD



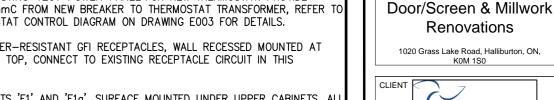


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- $\langle 3 \rangle$ PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER T LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- PROVIDE ONE NEW TAMPER-RESISTANT GFI RECEPTACLES, WALL RECESSED MOUNTED AT 150mm ABOVE COUNTER TOP, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS
- $\langle 5
 angle$ provide new task lights 'f1' and 'f1d', surface mounted under upper cabinets. AL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- 6 PROVIDE ONE(1) NEW RECEPTACLE FOR RELOCATED FRIDGE, CONNECT TO EXISTING FRIDGE CIRCUIT IN THIS AREA.
- PROVIDE TWO(2) NEW TOUCHLESS PADS, CAMDEN #CM-333, C/M WIRELESS COMPONENTS #CM-TX99 CONNECT TO EXISTING DOOR OPERATOR.
- (8) REPLACE EXISTING ELECTRICAL BASEBOARD HEATER WITH NEW AND CONNECT TO EXISTING ELECTRIC HEATER CIRCUIT. THE VOLTAGE AND WATTAGE OF NEW ELECTRICAL BASEBOARD HEATER SHALL MATCH EXISTING. REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY. WIRE ALL NEW EBH TO BE CONTROLLED BY NEW THERMOSTAT IN SERVICE CONTROL PANEL.
- 9 PROVIDE NEW LIGHT 'F2', CEILING RECESSED MOUNTED, 'F2' SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN THIS AREA AND CONTROLLED BY NEW WALL SWITCH
- (10) PROVIDE NEW TAMPER-RESISTANT GFI QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/1P BREAKERS TO MATCH EXISTING IN EXISTING PANEL 'LP-H' FOR EACH NEW QUAD RECEPTACLES CIRCUITS (TOTAL TWO). PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW GFI QUADRECEPTACLES. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO ROUGH-IN.
- $\langle 11
 angle$ PROVIDE NEW TAMPER-RESISTANT RECEPTACLES, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOXES AND WIREMOLD RACEWAY FOR SURFACE INSTALLATION. SURFACE CONDUIT IS NOT PERMITTED.
- (12) PROVIDE NEW WIREMOLD DATA OUTLET BOXES AND WIREMOLD SURFACE RACEWAY TO CEILING SPACE.
- PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES: FROM SMARTBOARD TO CEILING; 2. FROM A/V AMPLIFIERS TO CEILING. CONFIRM EXACT LOCATION ON SITE.





. Douglas Hodgson E.S.

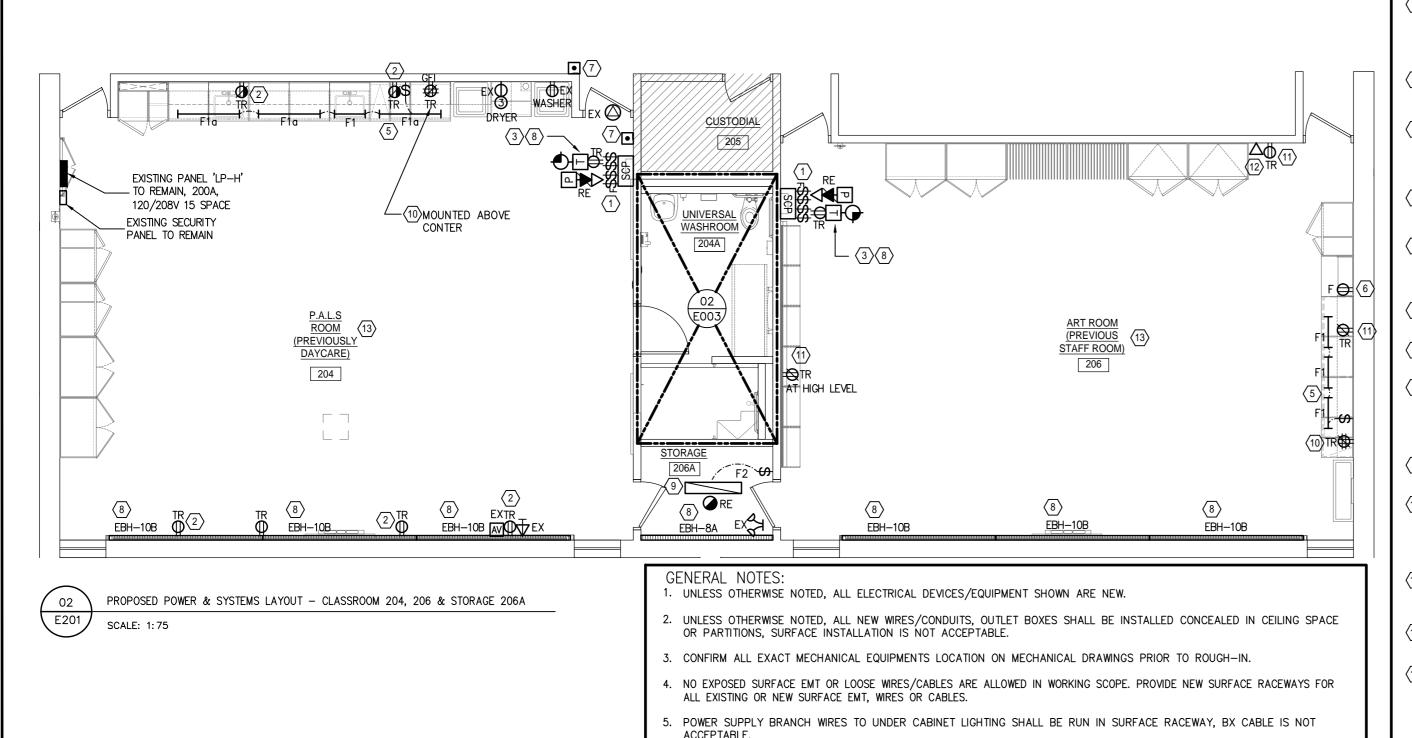
POWER & SYSTEMS LAYOUT - CLASSROOM 204, 206 & STORAGE 206A

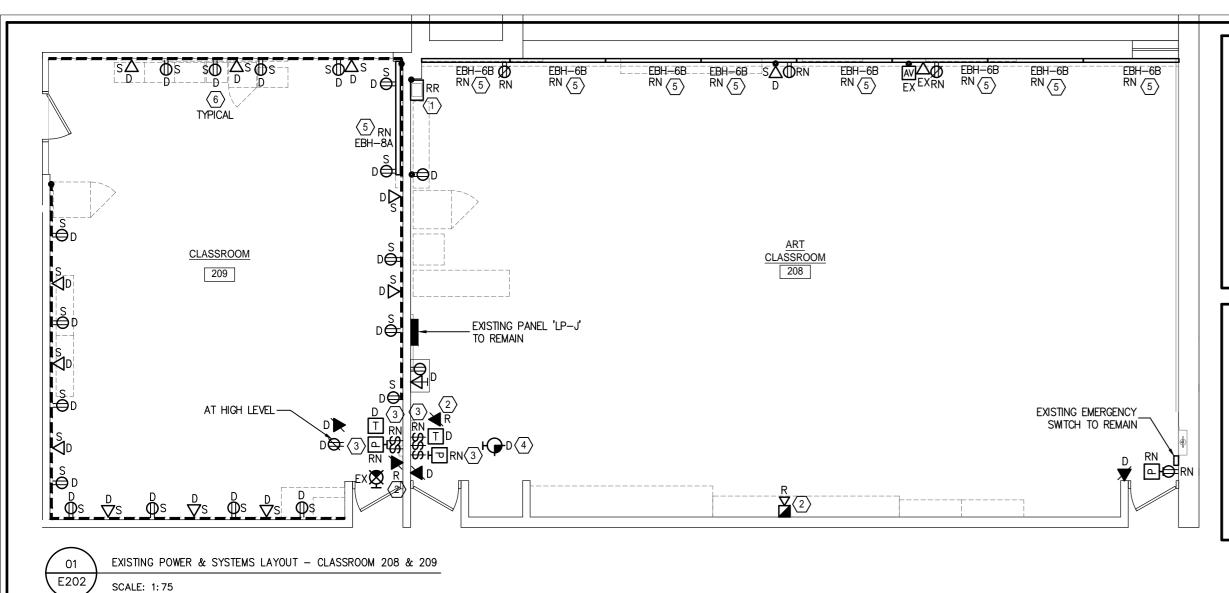
Schematic Design DRAWN BY: HZ REVIEWED BY: MI Jan, 2021 As indicated SCALE: HL ENGINEERING NO.: 20070B



TRUE NORTH

SHEET NUMBER:



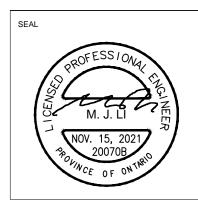


- 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- 3. REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL DIRECTORY.
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

- $\langle 1 \rangle$ EXISTING SHELF WITH MICROPHONE SOUND MIXER TO BE REMOVED AND REINSTALLED.
- 2 EXISTING ELECTRICAL DEVICES(TELEPHONE, FIRE ALARM HORN) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES.
- $\overline{\langle 4 \rangle}$ EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- (5) REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY.
- 6 UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING SURFACE MOUNTED POWER/DATA OUTLETS AND ALL EXISTING SURFACE EMT CONDUITS AND WIRES FOR THESE OUTLET BOXES.





KEY PLAN

REVISIONS		
No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



SHEET TITLE

POWER & SYSTEMS LAYOUT - CLASSROOM 208, 209 & WASHROOM 208A

PHASE: Schematic Design

DRAWN BY: HZ

REVIEWED BY: ML

DATE: Jan, 2021

SCALE: As indicated

CONSTRUCTION NORTH

HL ENGINEERING NO .:

TRUE NORTH

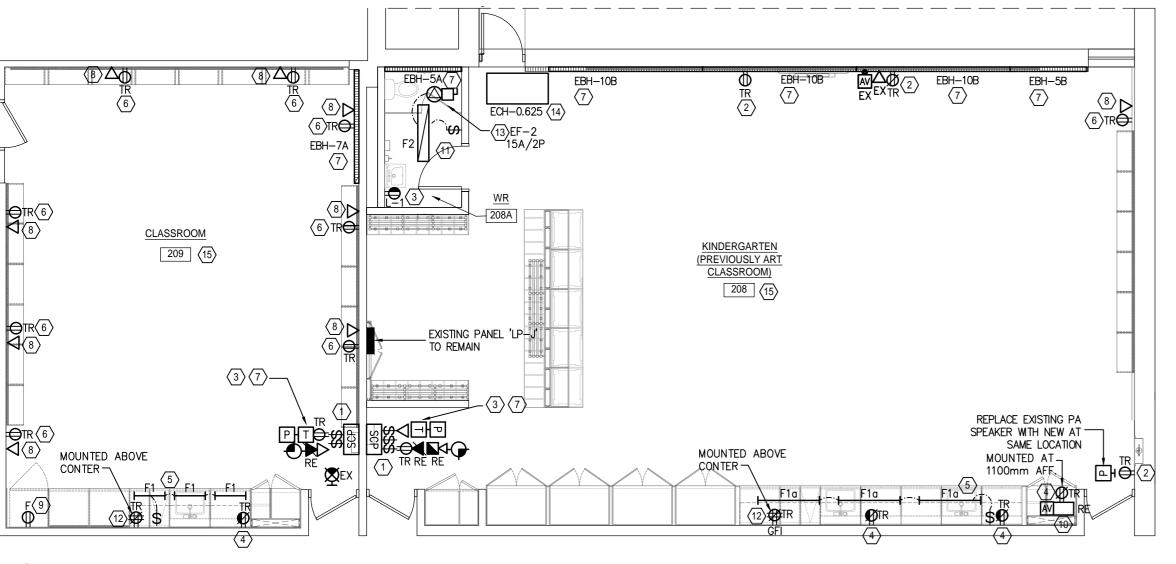
20070B

SHEET NUMBER:

E202

GENERAL NOTES:

- 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- 4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES.
- 5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT ACCEPTABLE.



NO1F2

- NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
- UNLESS OTHERWISE NOTED, REPLACE ALL EXISTING RECEPTACLES WITH NEW. LOCATION AND MOUNTING HEIGHT MAINTAIN THE SAME. PROVIDE WIREMOLD BOXES FOR SURFACE MOUNTED RECEPTACLES. ALL NEW RECEPTACLES SHALL BE TAMPER—RESISTANT TYPE.
- PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER TO LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- PROVIDE NEW TAMPER-RESISTANT RECEPTACLES, WALL RECESSED MOUNTED AT 150mm ABOVE COUNTER TOP, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM.
- PROVIDE NEW TASK LIGHTS 'F1', 'F1a' AND 'F1b', SURFACE MOUNTED UNDER UPPER CABINETS. ALL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- PROVIDE NEW TAMPER-RESISTANT RECEPTACLES, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOXES AND WIREMOLD RACEWAY FOR SURFACE INSTALLATION. SURFACE CONDUIT IS NOT DEPARTITED.
- REPLACE EXISTING ELECTRICAL BASEBOARD HEATER WITH NEW AND CONNECT TO EXISTING ELECTRIC HEATER CIRCUIT. THE VOLTAGE AND WATTAGE OF NEW ELECTRICAL BASEBOARD HEATER SHALL MATCH EXISTING. REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY. WIRE ALL NEW EBH TO BE CONTROLLED BY NEW THERMOSTAT IN SERVICE CONTROL PANEL.
- PROVIDE ONE(1) NEW WIREMOLD DATA OUTLET BOX AND WIREMOLD SURFACE RACEWAY TO CEILING SPACE.
- PROVIDE ONE(1) NEW RECEPTACLE FOR RELOCATED FRIDGE, CONNECT TO EXISTING FRIDGE CIRCUIT IN THIS ROOM.
- REINSTALL EXISTING SHELF WITH MICROPHONE SOUND MIXER, MOUNTED AT 1200mm AFF. PROVIDE SURFACE RACEWAY TO CEILING SPCAE FOR ALL CABLES/WIRES FOR AV AND SOUND MIXER EQUIPEMNT CABLES.
- PROVIDE NEW LIGHT 'F2', CEILING RECESSED MOUNTED, 'F2' SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN THIS AREA AND CONTROLLED BY NEW WALL SWITCH.
- PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/1P BREAKERS TO MATCH EXISTING IN EXISTING PANEL 'LP-J' FOR EACH NEW QUAD RECEPTACLE CIRCUITS (TOTAL TWO). PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLES. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO
- PROVIDE NEW POWER CONNECTION FOR EF-2, CONNECT TO EXISTING NORMAL LIGHTING CIRCUITS IN THIS ROOM AND CONTROLLED BY NEW LIGHTING SWITCH IN THIS WASHROOM.
- PROVIDE NEW ELECTRIC RADIANT CEILING PANELS C/W RECESS MOUNTING KIT, 2'X4', 625W, 120V, QMARK MODEL CP621, WHITE FINISH. ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN EXISTING PANEL 'LP-J', PROVIDE DEDICATED FEEDER: 2#12+GRD-21mmC FOR NEW RADIANT PANEL CIRCUIT. CONFIRM EXACT MOUNTING LOCATION ON SITE.
- PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES:

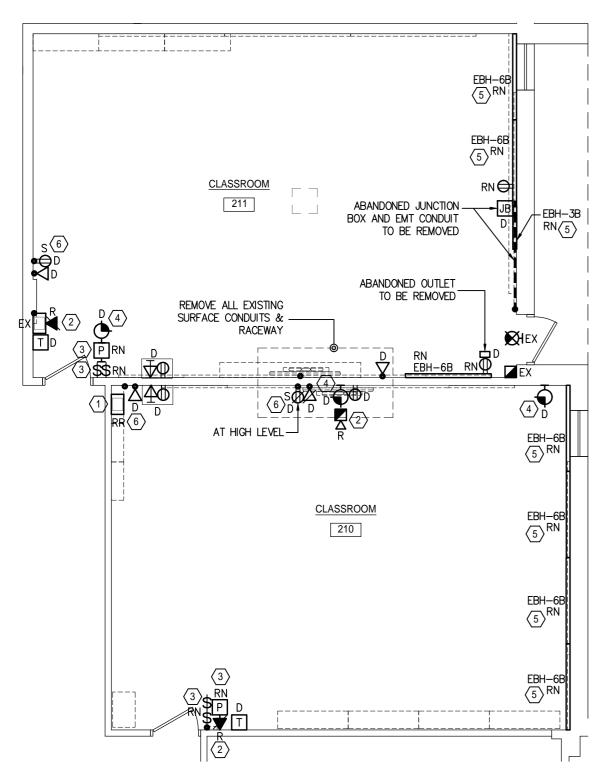
 1. FROM SMARTBOARD TO CEILING;

 2. FROM A/V AMPLIFIERS TO CEILING.
 CONFIRM EXACT LOCATION ON SITE.

SCALE: 1:75

E202

PROPOSED POWER & SYSTEMS LAYOUT - CLASSROOM 208 & 209





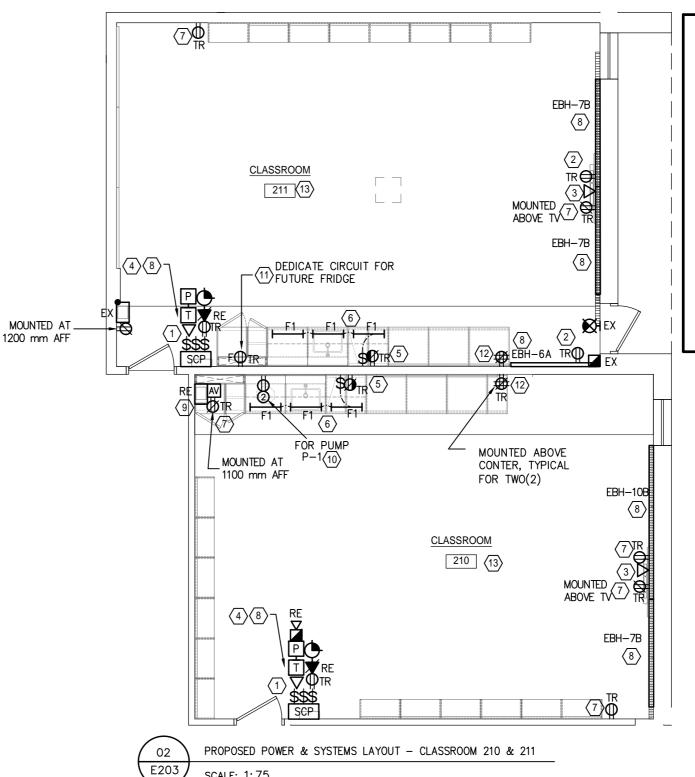
EXISTING POWER & SYSTEMS LAYOUT - CLASSROOM 210 & 211

GENERAL NOTES:

- 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- 3. REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL DIRECTORY.
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

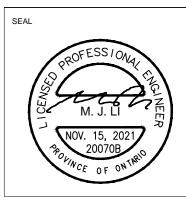
- (1) EXISTING SHELF WITH MICROPHONE SOUND MIXER TO BE REMOVED AND REINSTALLED WITHIN NEW TEACHER CLOSET.
- 2 EXISTING ELECTRICAL DEVICES(TELEPHONE, FIRE ALARM HORN) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES.
- $\langle 4 \rangle$ EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- 5 REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY.
- (6) UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING SURFACE MOUNTED POWER/DATA OUTLETS AND ALL EXISTING SURFACE EMT CONDUITS AND WIRES FOR THESE OUTLET BOXES.



GENERAL NOTES:

- 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH—IN.
- 4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES.
- 5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT ACCEPTABLE.





EY PLAN

	ISIONS	
No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



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POWER & SYSTEMS
LAYOUT - CLASSROOM
210 & 211

П			
П			
	PHASE:	Schematic	Design
	DRAWN BY:	HZ	
	REVIEWED BY:	ML	
	DATE:	Jan, 2021	
	SCALE:	As indicated	d
	HL ENGINEERING	S NO.:	20070E

NORTH



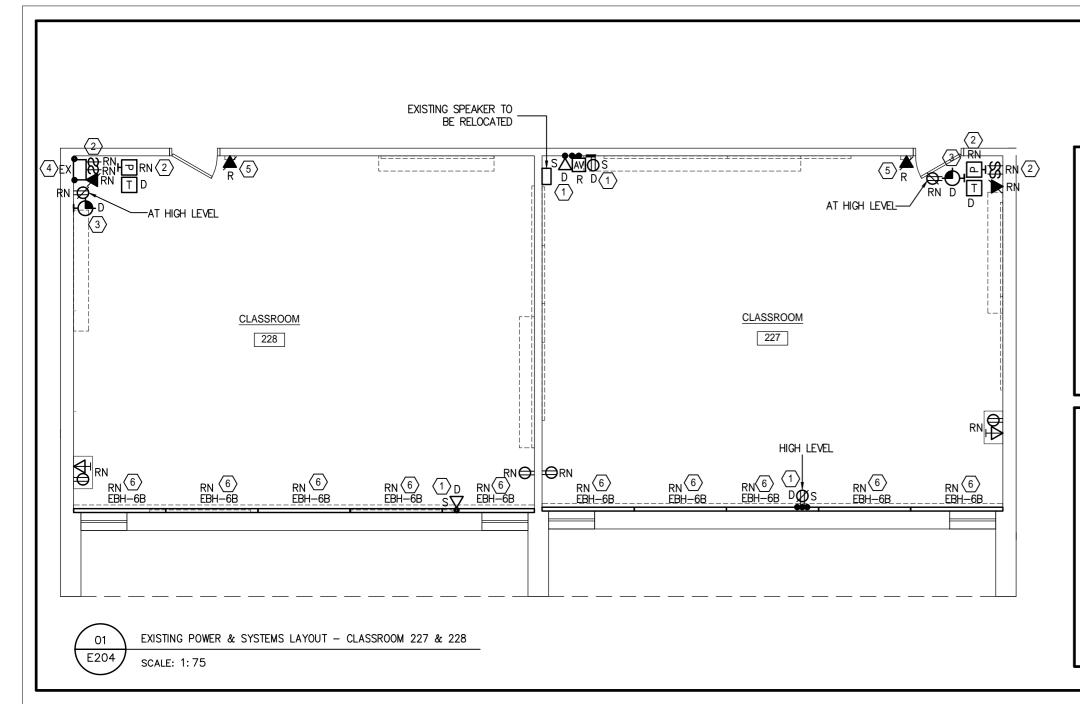
SHEET NUMBER:

E203

NOTEC

- NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
- 2 UNLESS OTHERWISE NOTED, REPLACE ALL EXISTING RECEPTACLES WITH NEW. LOCATION AND MOUNTING HEIGHT MAINTAIN THE SAME. PROVIDE WIREMOLD BOXES FOR SURFACE MOUNTED RECEPTACLES. ALL NEW RECEPTACLES SHALL BE TAMPER—RESISTANT TYPE.
- 3 PROVIDE ONE(1) NEW WIREMOLD DATA OUTLET BOX AND WIREMOLD SURFACE RACEWAY TO CEILING SPACE.
- PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER TO LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- 5 PROVIDE NEW TAMPER-RESISTANT GFI RECEPTACLES, WALL RECESSED MOUNTED AT 150mm ABOVE COUNTER TOP, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM.
- PROVIDE NEW TASK LIGHTS 'F1', SURFACE MOUNTED UNDER UPPER CABINETS. ALL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- PROVIDE ONE(1) NEW TAMPER-RESISTANT RECEPTACLE, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOX AND WIREMOLD RACEWAY TO CEILING SPACE. SURFACE CONDUIT IS NOT PERMITTED.
- REPLACE EXISTING ELECTRICAL BASEBOARD HEATER WITH NEW AND CONNECT TO EXISTING ELECTRIC HEATER CIRCUIT. THE VOLTAGE AND WATTAGE OF NEW ELECTRICAL BASEBOARD HEATER SHALL MATCH EXISTING. REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY. WIRE ALL NEW EBH TO BE CONTROLLED BY NEW THERMOSTAT IN SERVICE CONTROL PANEL.
- REINSTALL EXISTING SHELF WITH MICROPHONE SOUND MIXER IN NEW TEACHER CLOSET, MOUNTED AT 1200mm AFF. PROVIDE ONE(1) NEW WIREMOLD SURFACE A/V BOX, MOUNTED AT 1200mm AFF. PROVIDE WIREMOLD RACEWAY TO CEILING SPACE FOR EXISTING AUDIO CABLES.
- PROVIDE ONE(1) NEW 20A RECEPTACLE IN CABINET FOR PUMP 'P-1', 1/2 HP, 120V1ø. ADD ONE(1) NEW 20A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING POWER PANEL.

 RUN FEEDER 2#12+GRD-21MMC FOR PUMP CIRCUIT.
- PROVIDE ONE(1) NEW TAMPER-RESISTANT RECEPTACLE IN CABINET FOR FUTURE FRIDGE. ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING POWER PANEL. RUN FEEDER 2#12+GRD-21mmC FOR FRIDGE RECEPTACLE CIRCUIT.
- PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/1P BREAKERS TO MATCH EXISTING IN NEARBY EXISTING POWER PANEL. FOR EACH NEW QUAD RECEPTACLE CIRCUITS (TOTAL TWO). PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLES. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO ROUGH-IN.
- PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES:
 - 1. FROM SMÁRTBOARD TO CEILING;
 - 2. FROM A/V AMPLIFIERS TO CEILING. CONFIRM EXACT LOCATION ON SITE.



- 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- 3. REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL DIRECTORY.
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING SURFACE MOUNTED POWER, DATA, TV OUTLET BOXES AND ALL EXISTING SURFACE EMT, BX CONDUITS TO THESE OUTLET BOXES.
- (2) EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER, TELEPHONE) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES.
- (3) EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- EXISTING SHELF WITH MICROPHONE SOUND MIXER TO REMAIN. REMOVE AND REINSTALL IF REQUIRED TO COMPLETE WORK, OR IF OTHERWISE NOTED.
- (5) EXISTING ELECTRICAL DEVICES(TELEPHONE) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- (6) REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY.

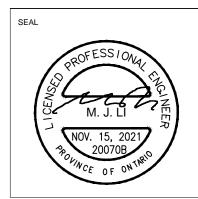
GENERAL NOTES:

- 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- 4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES.
- 5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT ACCEPTABLE.

NOTES:

- NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
- UNLESS OTHERWISE NOTED, REPLACE ALL EXISTING RECEPTACLES WITH NEW. LOCATION AND MOUNTING HEIGHT MAINTAIN THE SAME. PROVIDE WIREMOLD BOXES FOR SURFACE MOUNTED RECEPTACLES. ALL NEW RECEPTACLES SHALL BE TAMPER—RESISTANT TYPE.
- RELOCATE EXISTING A/V OUTLET BOX AND SURFACE RACEWAY TO NEW LOCATION, MOUNTING HEIGHT SHALL MATCH EXISTING. PROVIDE WIREMOLD RACEWAY TO CEILING SPACE FOR A/V CABLE.
- PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER TO LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- PROVIDE NEW TAMPER-RESISTANT GFI RECEPTACLES, WALL RECESSED MOUNTED AT 150mm ABOVE COUNTER TOP, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM.
- PROVIDE NEW TASK LIGHTS 'F1', SURFACE MOUNTED UNDER UPPER CABINETS. ALL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- PROVIDE ONE(1) NEW TAMPER-RESISTANT RECEPTACLE, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOX AND WIREMOLD RACEWAY TO CEILING SPACE. SURFACE CONDUIT IS NOT PERMITTED.
- REPLACE EXISTING ELECTRICAL BASEBOARD HEATER WITH NEW AND CONNECT TO EXISTING ELECTRIC HEATER CIRCUIT. THE VOLTAGE AND WATTAGE OF NEW ELECTRICAL BASEBOARD HEATER SHALL MATCH EXISTING. REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY. WIRE ALL NEW EBH TO BE CONTROLLED BY NEW THERMOSTAT IN SERVICE CONTROL PANEL.
- 9 PROVIDE ONE(1) NEW WIREMOLD DATA OUTLET BOX AND WIREMOLD SURFACE RACEWAY TO CEILING SPACE.
- PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/1P BREAKERS TO MATCH EXISTING IN NEARBY EXISTING POWER PANEL. FOR EACH NEW QUAD RECEPTACLE CIRCUITS (TOTAL TWO). PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLES. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO ROUGH-IN.
- 11) PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES:
 1. FROM SMARTBOARD TO CEILING;
 2. FROM A/V AMPLIFIERS TO CEILING.
 CONFIRM EXACT LOCATION ON SITE.





KEY PLAN

REV	'ISIONS	
No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



POWER & SYSTEMS
LAYOUT - CLASSROOM
227 & 228

PHASE: Schematic Design

DRAWN BY: HZ

REVIEWED BY: ML

DATE: Jan, 2021

SCALE: As indicated

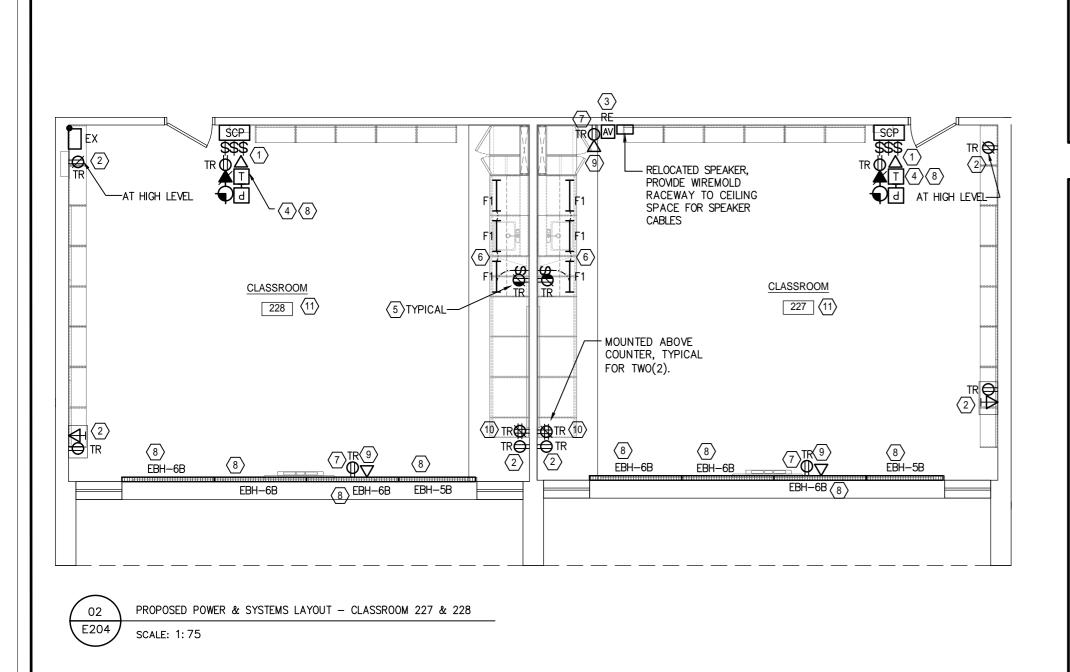
HL ENGINEERING NO.: 20070B

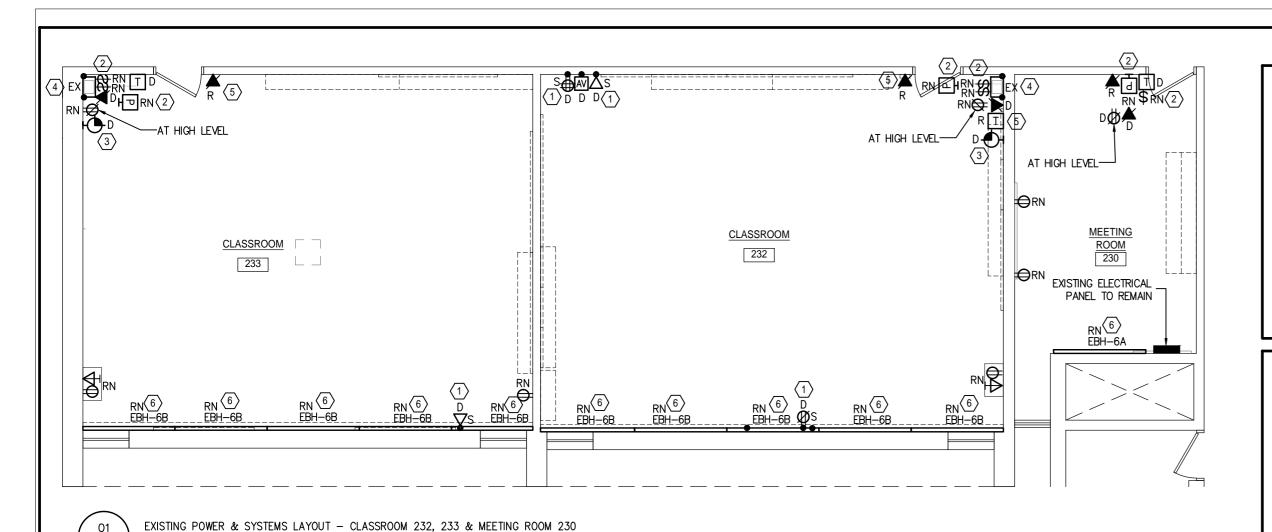
CONSTRUCTION NORTH

(

TRUE NORTH

SHEET NUMBER:





- 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS &
- 3. REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL DIRECTORY.
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

- 1) UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING SURFACE MOUNTED POWER, DATA, TV OUTLET BOXES AND ALL EXISTING SURFACE EMT, BX CONDUITS TO THESE OUTLET BOXES.
- 2) EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES.
- (3) EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- 4 EXISTING SHELF WITH MICROPHONE SOUND MIXER TO REMAIN. REMOVE AND REINSTALL IF REQUIRED TO COMPLETE WORK, OR IF OTHERWISE NOTED.
- $\langle 5 \rangle$ EXISTING ELECTRICAL DEVICES(TELEPHONE) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- (6) REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY.

GENERAL NOTES:

- 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- 4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR
- 5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT

- (1) NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
- (2) UNLESS OTHERWISE NOTED, REPLACE ALL EXISTING RECEPTACLES WITH NEW. LOCATION AND MOUNTING HEIGHT MAINTAIN THE SAME. PROVIDE WIREMOLD BOXES FOR SURFACE MOUNTED RECEPTACLES. ALL NEW RECEPTACLES SHALL BE
- 3 PROVIDE ONE(1) NEW WIREMOLD DATA OUTLET BOX AND WIREMOLD SURFACE RACEWAY TO CEILING SPACE.
- PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER TO LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- 5 PROVIDE NEW TAMPER-RESISTANT GFI RECEPTACLES, WALL RECESSED MOUNTED AT 150mm ABOVE COUNTER TOP, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM.
- 6 PROVIDE NEW TASK LIGHTS 'F1', SURFACE MOUNTED UNDER UPPER CABINETS. ALL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- (7) PROVIDE ONE(1) NEW TAMPER-RESISTANT RECEPTACLE, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOX AND WIREMOLD RACEWAY TO CEILING SPACE. SURFACE CONDUIT IS NOT PERMITTED.
- (8) REPLACE EXISTING ELECTRICAL BASEBOARD HEATER WITH NEW AND CONNECT TO EXISTING ELECTRIC HEATER CIRCUIT. THE VOLTAGE AND WATTAGE OF NEW ELECTRICAL BASEBOARD HEATER SHALL MATCH EXISTING. REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY. WIRE ALL NEW EBH TO BE CONTROLLED BY NEW THERMOSTAT IN SERVICE CONTROL PANEL.
- 9 PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/IP BREAKERS TO MATCH EXISTING IN NEARBY EXISTING POWER PANEL. FOR EACH NEW QUAD RECEPTACLE CIRCUITS (TOTAL TWO). PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLES. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR
- (10) PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES: 1. FROM SMÁRTBOARD TO CEILING; 2. FROM A/V AMPLIFIERS TO CEILING. CONFIRM EXACT LOCATION ON SITE.

ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES.

K0M 1S0 rillium Lakelands

J. Douglas Hodgson E.S.

Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,

Issued for Tender & Permit Issued for Retender

HL ENGINEERING LTD

14721 WOODBINE AVE, STOUFFVILLE, ON

KEY PLAN

REVISIONS No. Date

NOV. 15/21

POWER & SYSTEMS LAYOUT - CLASSROOM 232, 233 & MEETING **ROOM 230**

Schematic Design DRAWN BY: HZ REVIEWED BY: ML Jan, 2021 As indicated **SCALE**

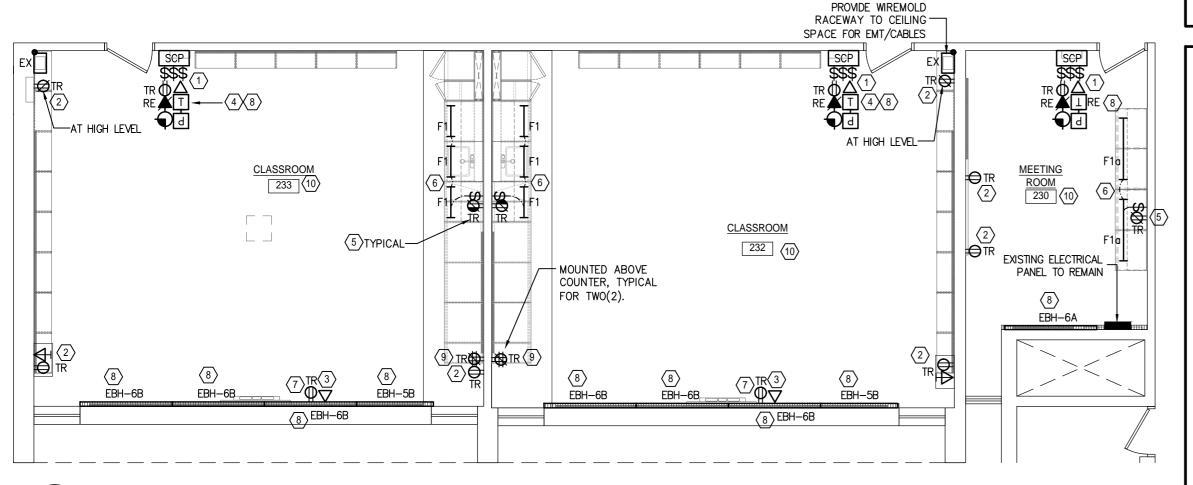
HL ENGINEERING NO.:



20070B

SHEET NUMBER:

E205



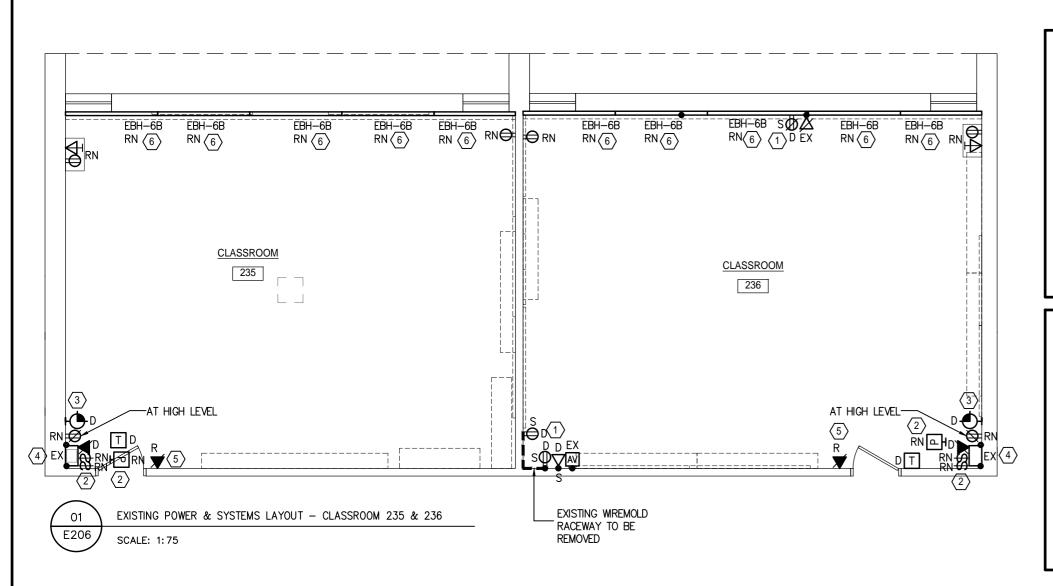
SCALE: 1:75

E205

PROPOSED POWER & SYSTEMS LAYOUT - CLASSROOM 232, 233 & MEETING ROOM 230

E205

SCALE: 1:75

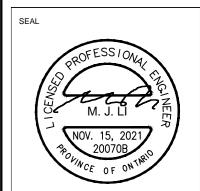


- 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- 3. REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL DIRECTORY.
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA, THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING SURFACE MOUNTED POWER, DATA, TV OUTLET BOXES AND ALL EXISTING SURFACE EMT, BX CONDUITS TO THESE OUTLET BOXES.
- EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SURFACE CONDUITS FOR RELOCATED DEVICES.
- (3) EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- EXISTING SHELF WITH MICROPHONE SOUND MIXER TO REMAIN. REMOVE AND REINSTALL IF REQUIRED TO COMPLETE WORK, OR IF OTHERWISE NOTED.
- (5) EXISTING ELECTRICAL DEVICES(TELEPHONE) TO BE RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM.
- (6) REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY.





EY PLAN

REVISIONS		
No.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

GENERAL NOTES:

- 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- 4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES.
- 5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT ACCEPTABLE.

NOTES:

- NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
- UNLESS OTHERWISE NOTED, REPLACE ALL EXISTING RECEPTACLES WITH NEW. LOCATION AND MOUNTING HEIGHT MAINTAIN THE SAME. PROVIDE WIREMOLD BOXES FOR SURFACE MOUNTED RECEPTACLES. ALL NEW RECEPTACLES SHALL BE TAMPER—RESISTANT TYPE.
- PROVIDE ONE(1) NEW WIREMOLD DATA OUTLET BOX AND WIREMOLD SURFACE RACEWAY TO CEILING SPACE.
- PROVIDE NEW LOW VLOTAGE THERMOSTAT, ADD ONE(1) NEW 15A/1P BREAKER TO MATCH EXISTING IN NEARBY EXISTING 120V POWER PANEL FOR NEW THERMOSTAT. PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO THERMOSTAT TRANSFORMER, REFER TO LOW VOLTAGE THERMOESTAT CONTROL DIAGRAM ON DRAWING E003 FOR DETAILS.
- PROVIDE NEW TAMPER-RESISTANT GFI RECEPTACLES, WALL RECESSED MOUNTED AT 150mm ABOVE COUNTER TOP, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM.
- PROVIDE NEW TASK LIGHTS 'F1', SURFACE MOUNTED UNDER UPPER CABINETS. ALL NEW TASK LIGHTS SHALL BE CONNECTED TO EXISTING NORMAL LIGHT CIRCUIT IN EACH CLASSROOM AND CONTROLLED BY NEW WALL SWITCH AS SHOWN. WALL SWITCH SHALL BE MOUNTED AT 150mm ABOVE COUNTER TOP.
- PROVIDE ONE(1) NEW TAMPER-RESISTANT RECEPTACLE, CONNECT TO EXISTING RECEPTACLE CIRCUIT IN THIS CLASSROOM. PROVIDE WIREMOLD SURFACE OUTLET BOX AND WIREMOLD RACEWAY TO CEILING SPACE. SURFACE CONDUIT IS NOT PERMITTED.
- REPLACE EXISTING ELECTRICAL BASEBOARD HEATER WITH NEW AND CONNECT TO EXISTING ELECTRIC HEATER CIRCUIT. THE VOLTAGE AND WATTAGE OF NEW ELECTRICAL BASEBOARD HEATER SHALL MATCH EXISTING. REPLACE EXISTING SURFACE BX CABLE FOR EBH WITH NEW WIRES IN WIREMOLD RACEWAY. WIRE ALL NEW EBH TO BE CONTROLLED BY NEW THERMOSTAT IN SERVICE CONTROL PANEL.
- PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/1P BREAKERS TO MATCH EXISTING IN NEARBY EXISTING POWER PANEL. FOR EACH NEW QUAD RECEPTACLE CIRCUITS (TOTAL TWO). PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLES. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO ROLIGH-IN
- PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES:

 1. FROM SMARTBOARD TO CEILING;

 2. FROM A/V AMPLIFIERS TO CEILING.

CONFIRM EXACT LOCATION ON SITE.

PROJECT

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON, K0M 1S0



SHEET TITLE

POWER & SYSTEMS LAYOUT - CLASSROOM 235 & 236

PHASE: Schematic Design

DRAWN BY: HZ

REVIEWED BY: ML

DATE: Jan, 2021

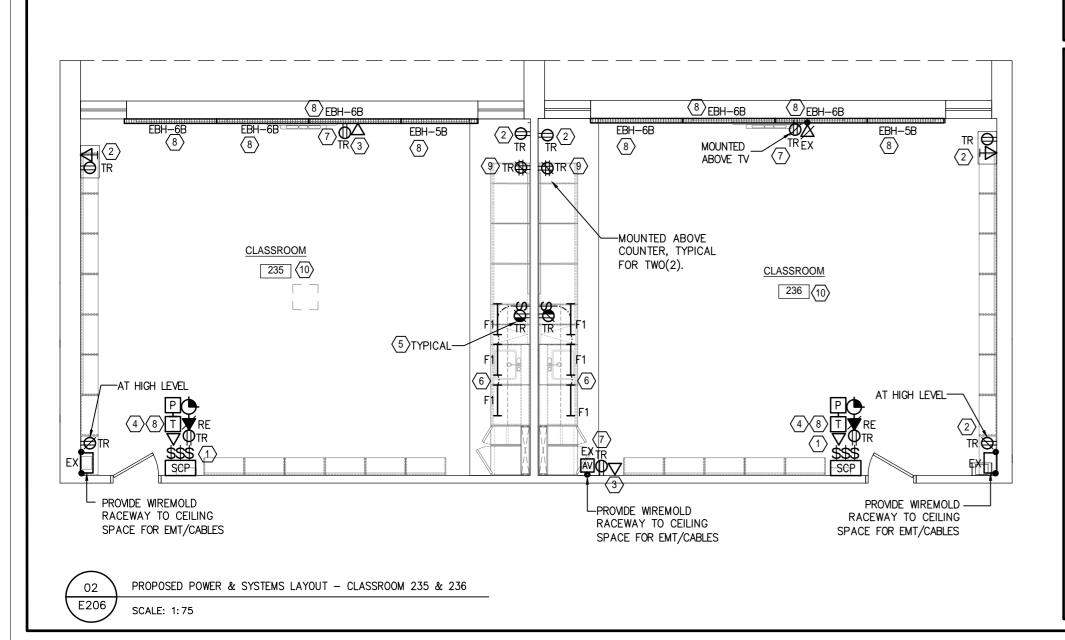
SCALE: As indicated

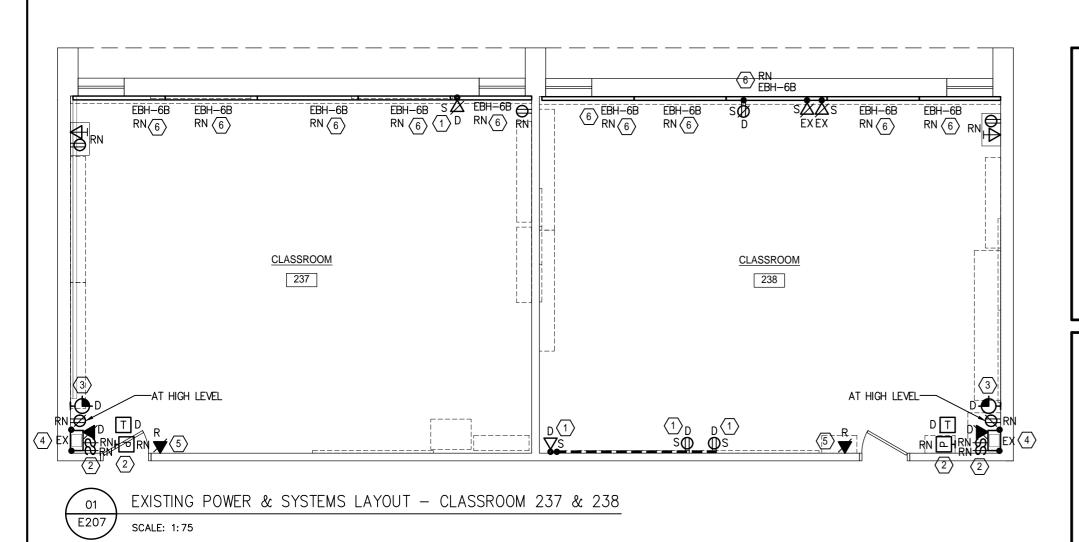
HL ENGINEERING NO.: 20070B

CONSTRUCTION NORTH

TRUE NORTH

SHEET NUMBER:





- 1. UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE EXISTING TO REMAIN.
- 2. REGARDLESS SHOWN OR NOT, REMOVE (OR RELOCATE AS REQUIRED) ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT C/W WIRES/CONDUITS AND BOXES AFFECTED BY DEMOLITION OF EXISTING PARTITIONS & MILLWORK.
- 3. REMOVAL SCOPE SHALL INCLUDE REMOVAL OF ALL UNUSED CIRCUITS BACK TO POWER PANEL, INCLUDING WIRES, CONDUITS AND JUNCTION BOXES, MODIFY PANEL DIRECTORY.
- 4. PROVIDE COVER PLATES FOR ALL HOLES TO BE LEFT EXPOSED AFTER THE REMOVAL/RELOCATION OF DEVICES(CLOCK, LIGHT SWITCH, PA. THERMOSTAT, OUTLET BOXES, ETC.)
- 5. TLDSB RESPONSIBLE FOR THE REMOVAL OF THE MICROPHONE MIXER SHELF AND ALL SMARTBOARDS, TV MONITORS AND WALL/CEILING PROJECTORS.

NOTES:

- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING SURFACE MOUNTED POWER, DATA, TV OUTLET BOXES AND ALL EXISTING SURFACE EMT, BX CONDUITS TO THESE OUTLET BOXES.
- (2) EXISTING ELECTRICAL DEVICES(LIGHTING SWITCHES, PA SPEAKER) TO BE REPLACED WITH NEW AND RELOCATED TO NEW CONTROL PANEL IN THIS CLASSROOM. REMOVE ALL EXISTING SÚRFACE CONDUITS FOR RELOCATED DEVICES. THERMOSTAT TO BE DONE BY MECHANICAL DIVISION.
- $\langle 3
 angle$ EXISTING CLOCK TO BE REMOVED AND RETURNED TO SCHOOL BOARD.
- (4) EXISTING SHELF WITH MICROPHONE SOUND MIXER TO REMAIN. REMOVE AND REINSTALL IF REQUIRED TO COMPLETE WORK, OR IF OTHERWISE NOTED.
- $\langle 5
 angle$ existing electrical devices(telephone) to be relocated to new control panel in this classroom.
- $\langle 6
 angle$ replace existing surface bx cable for ebh with new wires in wiremold raceway.

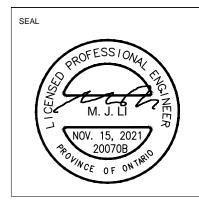
GENERAL NOTES:

- 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW.
- 2. UNLESS OTHERWISE NOTED, ALL NEW WIRES/CONDUITS, OUTLET BOXES SHALL BE INSTALLED CONCEALED IN CEILING SPACE OR PARTITIONS, SURFACE INSTALLATION IS NOT ACCEPTABLE.
- 3. CONFIRM ALL EXACT MECHANICAL EQUIPMENTS LOCATION ON MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
- 4. NO EXPOSED SURFACE EMT OR LOOSE WIRES/CABLES ARE ALLOWED IN WORKING SCOPE. PROVIDE NEW SURFACE RACEWAYS FOR ALL EXISTING OR NEW SURFACE EMT, WIRES OR CABLES.
- 5. POWER SUPPLY BRANCH WIRES TO UNDER CABINET LIGHTING SHALL BE RUN IN SURFACE RACEWAY, BX CABLE IS NOT ACCEPTABLE.

NOTES:

- NEW CLASSROOM SERVICE CONTROL PANEL C/W NEW AND RELOCATED DEVICES AS SHOWN ON THE DRAWING, CONTROL PANEL IS SPECIFIED IN ARCHITECTURAL SPECIFICATIONS. ALL POWER CONDUIT AND CONTROL WIRING FOR NEW AND RELOCATED ELECTRICAL DEVICES SHALL RUN FROM CEILING SPACE AND DOWN TO CONTROL PANEL, NO SURFACE CONDUIT IS PERMITTED. REFER TO DETAILS.
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- (3) PROVIDE ONE(1) NEW WIREMOLD A/V OUTLET BOX AND WIREMOLD SURFACE RACEWAY TO CEILING SPACE.
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- PROVIDE NEW TAMPER-RESISTANT QUAD RECEPTACLES FOR IPAD/IPHONE CHARGER, ADD ONE(1) NEW 15A/1P BREAKERS TO MATCH EXISTING IN NEARBY EXISTING POWER PANEL, FOR EACH NEW QUAD RECEPTACLE CIRCUITS (TOTAL TWO). PROVIDE FEEDER: 2#12+GRD-21mmC FROM NEW BREAKER TO NEW QUAD RECEPTACLES. CONFIRM EXACT MOUNTING HEIGHT ON SITE PRIOR TO ROUGH-IN.
- 10 PROVIDE TWO(2) NEW SURFACE RACEWAY FOR A/V CABLES: FROM SMÁRTBOARD TO CEILING; 2. FROM A/V AMPLIFIERS TO CEILING. CONFIRM EXACT LOCATION ON SITE.





KEY PLAN

Nο	/ISIONS Date	Description
INU.	Date	Description
1.	JAN. 08/21	Issued for Review
2.	MAR. 12/21	Issued for Tender & Permit
3.	NOV. 15/21	Issued for Retender

J. Douglas Hodgson E.S. Door/Screen & Millwork Renovations

1020 Grass Lake Road, Halliburton, ON,



POWER & SYSTEMS LAYOUT - CLASSROOM 237 & 238

Schematic Design DRAWN BY: HZ REVIEWED BY: ML Jan, 2021 As indicated SCALE:

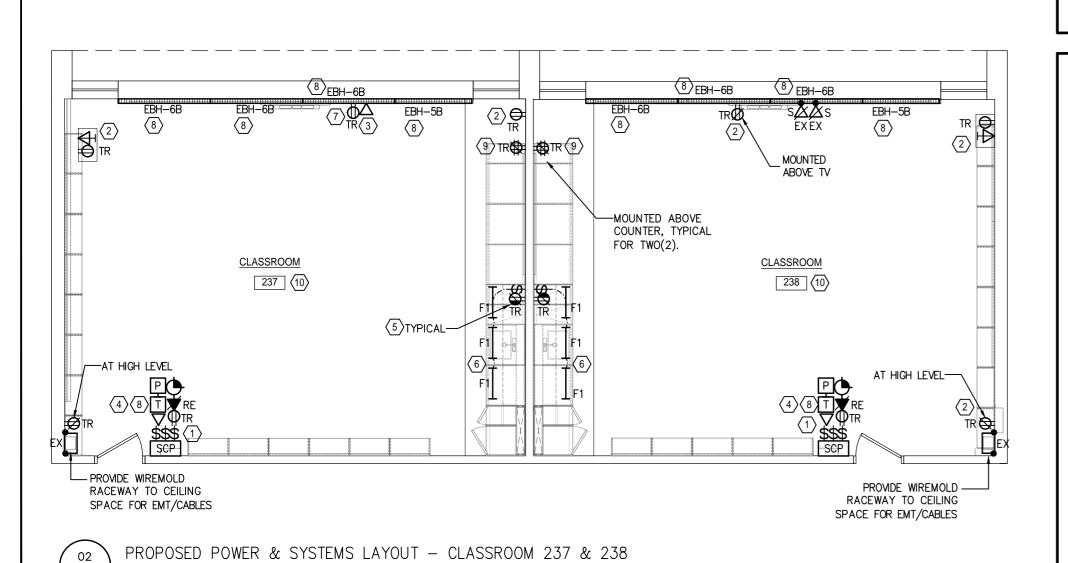
HL ENGINEERING NO.:

TRUE NORTH

20070B

SHEET NUMBER:

E207



SCALE: 1:75