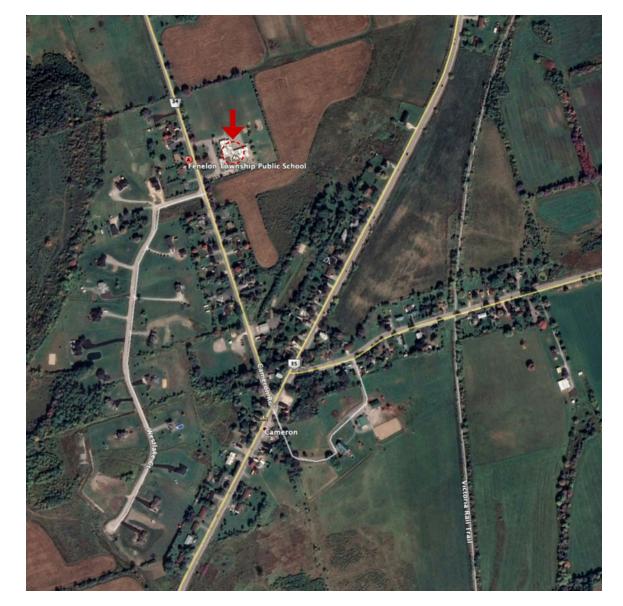


LOCATION PLAN



Project Address: 50 Cameron Rd, Cameron, ON K0M 1G0

GENERAL NOTES

GENERAL NOTES COVER SHEET

1. THESE DRAWINGS FORM PART OF THE CONTRACT DOCUMENTS. REFER TO THE CONTRACT FOR THE COMPLETE LIST OF CONTRACT DOCUMENTS AND THEIR RELATED HIERARCHY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO READ AND UNDERSTAND THE CONTRACT DOCUMENTS IN THEIR ENTIRETY AND REQUEST CLARIFICATION FROM THE CONSULTANT WHERE NECESSARY.

2. THESE DRAWINGS, THE APPENDIX A - DETAIL BOOKLET, APPENDIX B -REFERENCE BOOKLET, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND THE SPECIFICATION PROJECT MANUAL ARE TO BE READ IN CONJUNCTION WITH ONE ANOTHER IN THEIR ENTIRETY.

3. DRAWINGS ARE NOT TO BE SCALED. WHERE DIMENSIONS ARE IN QUESTION THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE CONSULTANT BEFORE PROCEEDING.

4. KEYNOTES IN THE ARCHITECTURAL DRAWINGS ARE NUMBERED REFERENCES TO THE KEYNOTE LEGEND AND TO THE RELEVANT SPECIFICATION SECTION AND ARE TO BE READ IN CONJUNCTION WITH THE REQUIREMENTS OF THE SPECIFICATIONS.

5. LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS, UNLESS OTHERWISE NOTED.

6. THE CONTRACTOR SHALL RETAIN ONE SET OF THE COMPLETE SET OF CONTRACT DOCUMENTS ON SITE AT ALL TIMES FOR REFERENCE INCLUDING ALL ADDENDA ISSUED DURING TENDER, ALL CLARIFICATIONS OR MODIFICATIONS ISSUED DURING CONSTRUCTION IN THE FORM OF SUPPLEMENTARY INSTRUCTIONS AND/OR CHANGE

7. DETAIL BOOKLET. THE APPENDIX A AND B DETAIL BOOKLET CONTAINS CRITICAL INFORMATION FOR UNDERSTANDING THE WORK:

- GUIDES FOR ABBREVIATIONS AND GRAPHIC LANGUAGE OF THE ARCHITECTURAL

- CODE REQUIRED MOUNTING HEIGHTS AND CLEARANCES - CONSTRUCTION ASSEMBLIES

- TYPICAL DETAILS ORGANIZED BY DIVISION CATEGORY FOR CONCRETE, MASONRY, METALS, WOOD AND PLASTICS, MILLWORK, THERMAL AND MOISTURE AND FIRESTOPPING, DOORS AND WINDOWS, PARTITION ASSEMBLIES, FINISH DETAILS

AND INFORMATION FOR WASHROOM ACCESSORIES. - STRUCTURAL DETAILS (REFER TO STRUCTURAL DRAWINGS FOR REFERENCES)

SOME OF THESE DETAILS ARE REFERENCED DIRECTLY FROM THE DRAWING SET OTHERS ARE REFERENCED BY THE TAG NUMBERING SYSTEM INDICATED ON THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE CONTENTS OF THE DETAIL BOOKLET AND PROVIDING THE APPROPRIATE TYPICAL DETAIL.

DIMENSIONING CONVENTIONS

DIMENSIONING CONVENTIONS

A. ALL DIMENSIONS ON ARCHITECTURAL DRAWINGS ARE CLEAR MEASUREMENTS TO FINISHED FACE UNLESS OTHERWISE NOTED.

B. THE CONTRACTOR SHALL ENSURE ALL CODE REQUIRED MINIMUM CLEARANCES ARE MAINTAINED IN THE WORK. NOTIFY CONSULTANT WHERE CLEAR OR CRITICAL

C. DRAWINGS ARE NOT TO BE SCALED. VERIFY ANY MISSING OR CONFLICTING DIMENSIONS WITH THE ARCHITECT/CONSULTANT PRIOR TO PROCEEDING WITH THE

D. MAINTAIN CONSISTANT FINISHED FLOOR DATUM THROUGHOUT THE PROJECT AREA SUCH THAT DIMENSIONS INDICATED AS ABOVE FINISHED FLOOR (AFF) ARE REFERENCED FROM THE SAME DATUM TO MAINTAIN ALIGNMENT OF ELEMENTS

E. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING WORK. REPORT ALL DISCREPANCIES TO THE CONSULTANT FOR CLARIFICATION PRIOR TO COMMENCING WORK.

F. REFER TO APPENDIX A: DETAILS FOR TYPICAL MOUNTING HEIGHTS. BUILDING CODE REQUIRED MINIMUM CLEARANCES ARE TO BE MAINTAINED.

ARCHITECTURAL

STRUCTURAL

MECHANICAL

Cover Sheet CODE COMPLIANCE and DEMOLITION Rm 118A NEW WORK Rm 118A FINISHES

APPENDIX A DETAILS

RFTB25-03 STRUCTURAL UPGRADE AND REPAIRS - GENERAL NOTES RFTB25-03 STRUCTURAL UPGRADE AND REPAIRS - ROOM 119A AND 122

RFTB25-03 STRUCTURAL UPGRADE AND REPAIRS - CONSTRUCTION DETAILS

LEGEND, DRAWING LIST, KEY PLAN, DETAILS & SCHEDULES - MECHANICAL

HVAC, PLUMBING & DRAINAGE LAYOUTS - MECHANICAL

LEGEND, KEY PLAN AND DETAILS - ELECTRICAL

ELECTRICAL LAYOUTS, PANEL SCHEDULE & DETAILS



Jason Lowe Architect Inc. 20 South Dufferin Street

Huntsville, Ontario

Contact: Jason Lowe T: 705.571.1465



THIS DRAWING IS AN INSTRUMENT OF SERVICE AND IS THE PROPERTY OF THE ARCHITECT. COPYRIGHT FOR THE ARCHITECT'S INSTRUMENTS OF SERVICE BELONGS TO THE ARCHITECT. THIS DRAWING MAY NOT BE REPRODUCED WITHOUT PERMISSION. IF REPRODUCED IT MUST BE REPRODUCED IN FULL AND CARRY THE ARCHITECT'S NAME.



STRUCTURAL TULLOCH Engineering Inc 80 Main Street - West,

Huntsville, ON P1H 1W9

Contact: Frank Palmay T: 705 789 7851 ext. 433 frank.palmay@TULLOCH.ca | TULLOCH.ca



MECHANICAL and ELECTRICAL

HL Engineering Ltd. 7725 Birchmount Rd, Unit 46 Markham, ON Canada

Contact: Ming Jia Li, P.Eng. Tel: 905-713-0003 mjli@hlengineering.ca



Trillium Lakelands District School Board 300 County Road 36 Lindsay, ON K9V 4S4

> Contact: Dan Whalen daniel.whalen@tldsb.on.ca

RFTB25-03 Fenelon Township Public School Universal Washroom

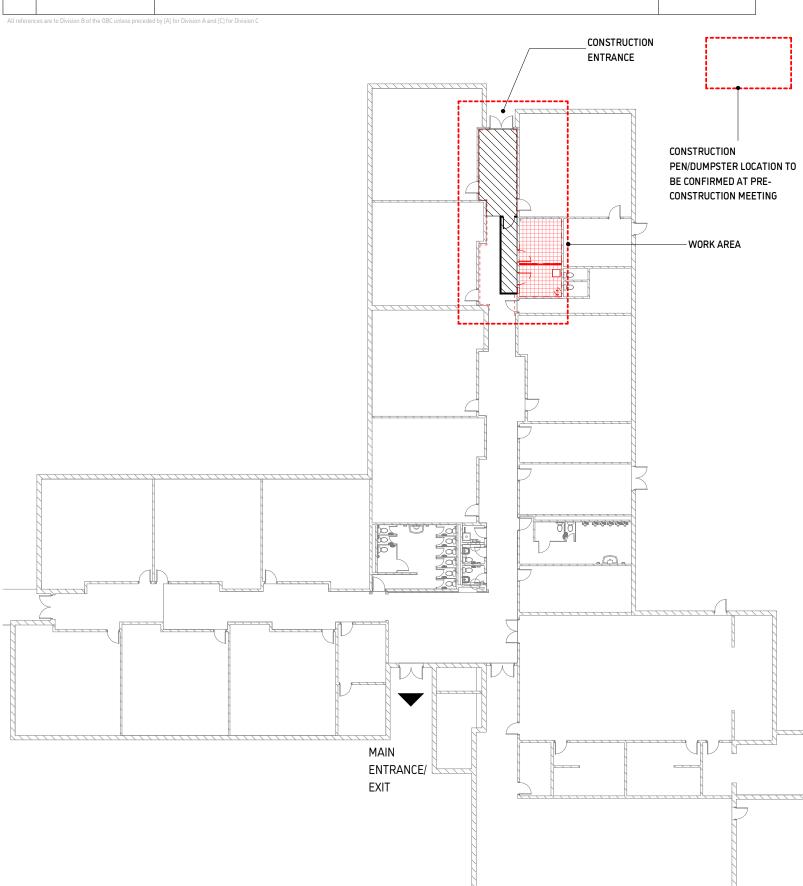
Cameron, Ontario

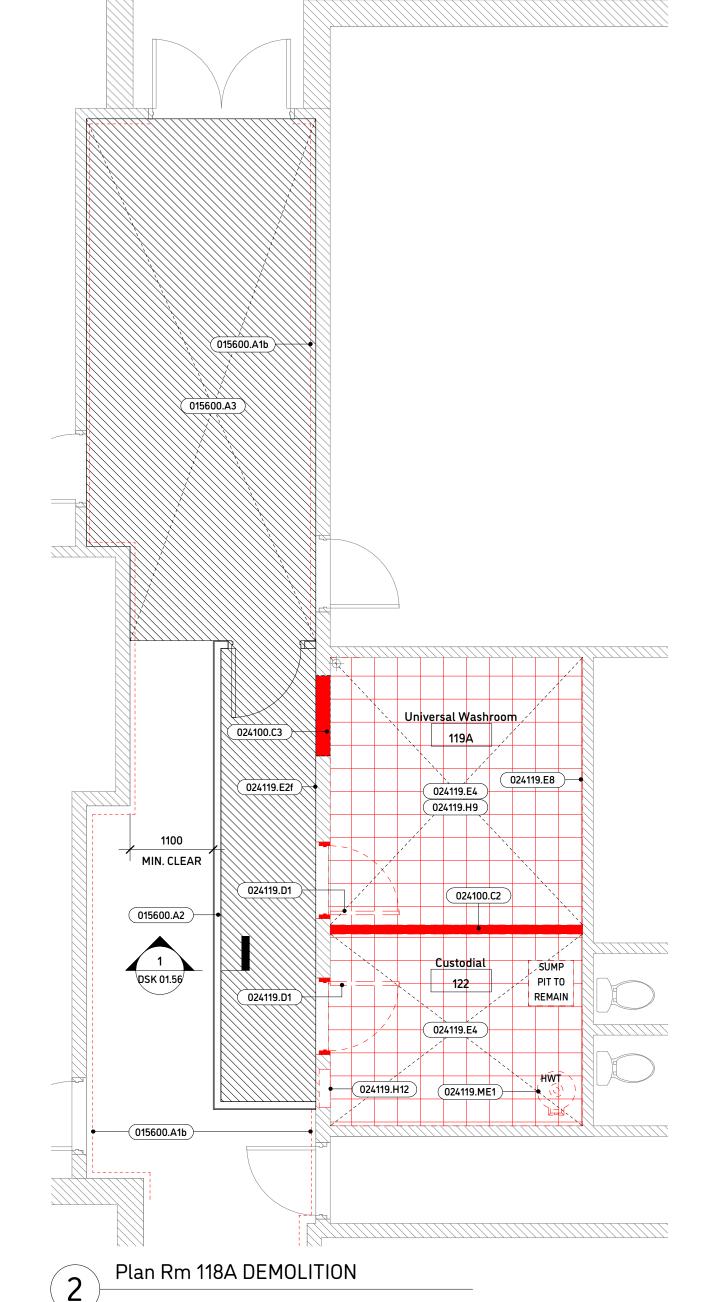
Issued for: TENDER and BUILDING PERMIT

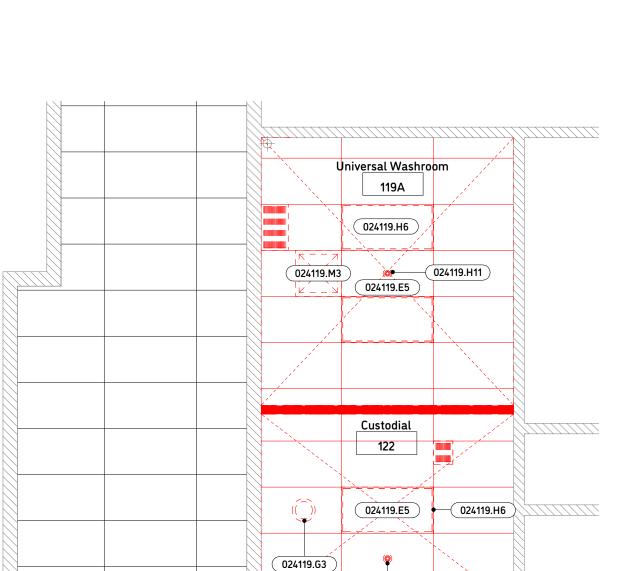
ONTARIO BUILDING CODE DATA MATRIX

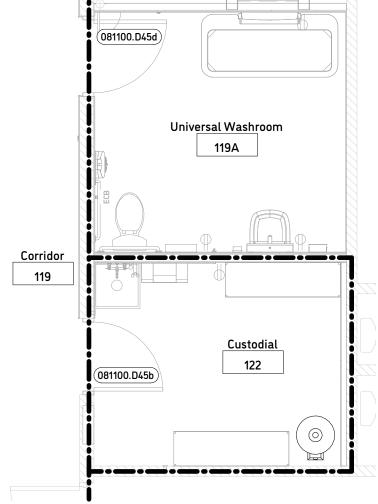
PART 11

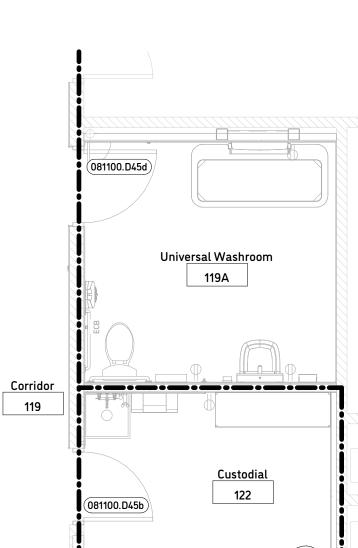
11.00	Building Code Version:	<u>0. Reg. 163/24</u> Last Amendments: <u>0. Reg. 447/24</u>	OBC Ref.
1.01	Project Type:	□ New□ Addition□ Change of Use□ Addition and Renovation	[A] 1.3.3.3B.
		Description: WASHROOM RENOVATION	
1.02	Major Occupancy Classification	Occupancy Use Assembly (A2) Elementary school	3.1.2.1.(1), 2.1.4.1.(1) and 11.2.1.
1.03	Superimposed Major Occupancies	IX No ☐ Yes Description:	11.2 , 3.2.2.5. to 3.2.2.8., and 2.2.1.
1.04	Building Area (m2)	No changes to building area	[A] 1.4.1.2., 11.2., and 11.3.
1.05	Building Height	1 Storeys above grade 0 Storeys below grade Existing - no change	[A] 1.4.1.2., 3.2.1.1., 2.2.2.2., and 11.3.
1.06	Number of streets/ Firefighter access	1 street(s) Existing - no change	3.2.2.10., 3.2.5., 2.2.4.1., and 11.3.
1.07	Building size	□ Small □ Medium 🛛 Large □ > Large	11.2.1.1., and T.11.2.1.1.B-N.
1.08	Existing Building Classification	Change in Major Occupancy:	10.1.1.2., 11.2.1.1. T 11.2.1.1.A T 11.2.1.1.B to N 4.1.2.1.(3), 2.3.1., and 5.2.2.1.(2)
1.09	Renovation Type		11.3.3.1., and 11.3.3.2.
11.10	Occupant Load	Floor Level/Area Occ. Type Based On Occ. Load (Persons)	3.1.17., 2.1.2.2., and
		Entire School A2 OTG (On the ground capacity/Design occupancy) 338 persons	11.4.2.2.
11.11	Plumbing	Ratio: Male:Female = 50:50	3.7.4., 11.3.4.,
	Fixture Requirements	Floor Occupant OBC Fixtures Fixtures Level/Area Load Reference Required Existing Provided	11.3.5., 11.4.2.4., and 11.4.2.5. Tables 3.8.2.3.A and 3.8.2.3.B
		Entire School 338	and 3.8.2.3.B
		F 169 3.7.4.3 (14) 7 10 11 (+1)	
		M <u>169</u> <u>3.7.4.3 (14)</u> <u>6</u> <u>9</u> <u>10 (+1)</u>	
11.12	Barrier-free Design		11.3.1.2., 11.3.2., 11.3.3.2.
11.13	Reduction in	Structural: X No Yes	11.4.2.1.
	Performance Level	By increase in occupant load: 区 No □ Yes	11.4.2.2.
		By change of major occupancy: X No Yes	11.4.2.3.
		Plumbing: X No ☐ Yes	11.4.2.4.
		Sewage systems: X No Yes	11.4.2.5.
		Extension of combustible construction: X No Yes	11.4.2.6.
1.14	, ,	□ No	_ 11.4.3.1.
	Construction:	Structural: X No Yes	_ 11.4.3.2.
		By increase in occupant load:	_ 11.4.3.3.
		By change of major occupancy:	_ 11.4.3.4.
		Plumbing: X No Yes	_ 11.4.3.5.
		Sewage systems: X No Yes	_ 11.4.3.6.
		Extension of combustible construction: X No Yes	_ 11.4.3.7.
11.14	Compliance Alternatives Proposed:	X No □ Yes	_ 11.5.1
	· ·		-











Rm 118A DEMOLITION SLAB

024100.A1f

FIRE SEPARATIONS

PRE-CONSTRUCTION REQUIREMENTS

1. SITE REVIEWS. REFER TO SPECIFICATION FOR LIST OF REQUIRED ON SITE REVIEWS THAT THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CONSULTANT.

2. **DRAINAGE INSPECTIONS**. A PRE-CONSTRUCTION DRAINAGE INSPECTION HAS BEEN PERFORMED BY THE OWNER FOR THIS PROJECT. REFER TO OWNER'S PROVIDED INFORMATION IN THE RFT DOCUMENTATION. NOTE THAT POST-CONSTRUCTION DRAINAGE INSPECTIONS ARE A REQUIREMENT OF THE CONTRACT. REFER TO MECHANICAL FOR REQUIREMENTS.

3. **AIR FLOW TESTS**. A PRE-CONSTRUCTION AIR FLOW TEST IS REQUIRED PRIOR TO CONSTRUCTION. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS.

4. DOORS. ALL DOOR AND DOOR FRAME DIMENSIONS TO BE CONFIRMED BY THE CONTRACTOR ON SITE PRIOR TO SHOP DRAWING PREPARATION. REPORT TO AND REQUEST CLARIFICATION FROM THE CONSULTANT ANY DISCREPANCIES.

DEMOLITION NOTES

1. READ THESE DRAWINGS IN CONJUNCTION WITH NEW WORK AND ADDITIONAL DEMOLITION SCOPE DESCRIBED IN STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.

2. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION ENGINEERING INCLUDING SHORING AND SCANNING OF EXISTING SLAB ON GRADE AND SUSPENDED SLABS TO PERFORM DEMOLITION WORK. REFER TO STRUCTURAL FOR FURTHER INFORMATION.

3. DEMOLITION FLOOR PLAN DRAWINGS GENERALLY INDICATE THE EXISTING STATE OF THE EXISTING BUILDING. DIAGONAL HATCHED WALLS INDICATE APPROXIMATE EXTENT OF EXISTING CONSTRUCTION TO REMAIN UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, EXTENT OF DEMOLITION AND REMOVALS ON SITE PRIOR TO PROCEEDING WITH THE WORK.

4. BROKEN, DASHED AND RED LINES AND HATCHES GENERALLY INDICATE REMOVALS. SCOPE TO INCLUDE REMOVALS AS REQUIRED TO ACHIEVE NEW WORK.

5. PROVIDE TEMPORARY BRACING AND SHORING TO SUPPORT EXISTING CONSTRUCTION TO ALLOW FOR NEW CONSTRUCTION AS INDICATED ON DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION ENGINEERING REQUIRED TO PERFORM WORK OF CONTRACT. REFER TO STRUCTURAL.

6. REFER TO OWNER'S REQUIREMENTS FOR HAZARDOUS MATERIALS PROCEDURES.

7. UPON REMOVAL OF WALL AND CEILING FINISHES THE CONTRACTOR IS TO EXAMINE ALL WALLS TO IDENTIFY ANY EXISTING DEFICIENCIES IN DESIGNATED FIRE SEPARATIONS AND BRING THEM TO THE ATTENTION OF THE CONSULTANT. REPAIR AND REINSTATEMENT OF FIRE SEPARATION/FIRE STOPPING INTEGRITY WILL BE ADDRESSED THROUGH CONTINGENCY ALLOWANCE.

8. ACCESS DOORS. EXISTING ACCESS DOORS IN WALLS AND CEILING ARE TO BE NOTED AND DIMENSIONED IN PLAN BY CONTRACTOR ON AS-BUILTS AND COORDINATED WITH MECHANICAL AND ELECTRICAL TRADES FOR RE-USE IN NEW WORK IF REQUIRED. IF NOT REQUIRED NOTIFY CONSULTANT. ABANDONED ACCESS DOOR PENETRATIONS IN WALLS TO BE FILLED/REPAIRED AS REQUIRED TO SUPPORT NEW FINISH OVER.

9. SLAB CUTTING AND UNDERSLAB DRAINAGE WORK. REFER TO MECHANICAL. SCOPE OF WORK TO INCLUDE DRAINAGE INSPECTION, VIDEO DOCUMENTATION AND REPORT OF EXISTING UNDERSLAB DRAINAGE SYSTEMS IN AREA OF WORK TO BE FORWARDED TO CONSULTANT PROMPTLY FOR REVIEW.

BID PRICE TO INCLUDE: a) SELECTIVE AND CLEAN CUTTING AND REMOVAL OF SLAB TO ACHIEVE NEW WORK INDICATED IN MECHANICAL DRAWINGS AND SPECIFICATIONS. b) ASSUME EXCAVATION/TRENCHING TO APPROXIMATELY 600mm BELOW SLAB TO

c) BACKFILL. SUBSURFACE MATERIAL CONDITION IS TO BE REVIEWED BY CONSULTANT PRIOR TO BACKFILL. REFER TO STRUCTURAL FOR BACKFILL d) NEW SLAB INFILL - REFER TO STRUCTURAL FOR DETAILS.

EXPOSE UNDERSLAB DRAINAGE OR INSTALL NEW AS INDICATED IN THE

10. HOARDING. REFER TO APPENDIX A: DETAILS FOR HOARDING DETAILS. CONTRACTOR TO PROVIDE PLYWOOD OR OTHER DUST-PROOF TYPE DOOR INTO EACH HOARDED ZONE. IF KEY IS REQUIRED FOR ACCESS, CONTRACTOR IS TO PROVIDE

11. WASHROOM ACCESSORIES. IN GENERAL ALL WASHROOM ACCESSORIES TO BE REMOVED UNLESS OTHERWISE NOTED.

TLDSB ON-SITE STAFF WITH A KEY FOR ACCESS TO THE WORK SITE(S) AT ALL TIMES.

12. CEILING GRIDS. UNLESS NOTED OR DIMENSIONED OTHERWISE NEW CEILING GRIDS HAVE BEEN LOCATED TO MATCH EXISTING GRID LAYOUTS TO MAINTAIN EXISTING RELATIONSHIPS TO DUCTWORK, SUPPORTS ETC. CONTRACTOR TO LOCATE AN EXISTING GRID T REFERENCE POINT PRIOR TO DEMOLITION FOR LAYOUT OF NEW GRID AS REQUIRED.

13. PROTECTION. ALL EXISTING TO REMAIN FLOOR, WALL AND CEILING FINISHES AND ANY FIXTURES TO REMAIN ARE TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION WITH PLYWOOD, RAM BOARD, FOAM CORNER GUARDS OR OTHER APPROPRIATE MEANS PROVIDED AND MAINTAINED BY THE CONTRACTOR.

LEGEND

MECHANICAL DRAWINGS.

	0 HR FRR FIRE SEPARATION (SMOKE SEAL)
•••••	45 MIN FRR FIRE SEPARATION
	1 HR FRR FIRE SEPARATION
	1-1/2 HR FRR FIRE SEPARATION
	2 HR FRR FIRE SEPARATION
	2 HR FRR FIRE WALL
•	EGRESS PATH
	EXIT

GENERAL NOTES - CODE COMPLIANCE

CODE COMPLIANCE – GENERAL NOTES

1. ALL WORK TO BE PERFORMED IN COMPLIANCE WITH THE CURRENT ONTARIO BUILDING CODE 2012 AND THE AUTHORITIES HAVING JURISDICTION OVER THIS

2. FOR GENERAL NOTES, SYMBOLS AND ARCHITECTURAL ABBREVIATIONS REFER TO APPENDIX A: DETAILS.

3. FIRE SEPARATION CONTINUITY. INDICATED FIRE SEPARATIONS AND ASSEMBLIES ARE TO BE CONTINUOUS AND UNINTERRUPTED AT FLOOR, WALL AND ROOF JUNCTIONS. CONDITION OF EXISTING FIRE SEPARATIONS TO BE REVIEWED WITH ARCHITECT ONCE EXPOSED AT THE COMPLETION OF DEMOLITION.

4. FIRE SEPARATIONS/FIRE STOPPING. ALL NEW AND EXISTING PENETRATIONS THROUGH WALLS, FLOORS AND/OR CEILINGS DESIGNATED AS FIRE SEPARATIONS, NEW OR EXISTING EXPOSED DURING DEMOLITION, SHALL BE FIRE STOPPED AND SMOKE SEALED USING ULC TESTED AND APPROVED SYSTEMS. PATCH AND REPAIR ALL FIRE PROOFING AT BUILDING STRUCTURE WHERE MISSING OR DAMAGED TO MAINTAIN REQUIRED FIRE RATING. SEE DRAWING A010. REFER TO SPECIFICATION SECTIONS 01 33 00 AND 07 84 00.

5. MOUNTING HEIGHTS. REFER TO APPENDIX A: DETAIL BOOKLET FOR CODE REQUIRED BARRIER FREE MOUNTING HEIGHTS FOR ALL PLUMBING AND WASHROOM FIXTURES, ACCESSORIES AND DOOR CONTROLS.

6. CLEARANCES. CODE REQUIRED CLEARANCES ARE INDICATED BY DIMENSIONS IN PLAN AND ARE TO FINISHED FACES AND MUST BE MAINTAINED IN THE COMPLETED

7. SERVICE PENETRATIONS IN FIRE SEPARATIONS. COORDINATE ALL SERVICE PENETRATIONS, FIRE DAMPERS IN FIRE SEPARATIONS WITH MECHANICAL AND ELECTRICAL SCOPE.

8. CLOSURES. REFER TO DOOR SCHEDULE, APPENDIX A AND THE SPECIFICATIONS FOR REQUIRED RATED DOORS, FRAMES AND RELATED HARDWARE.

KEYNOTES

	Key Value	Keynote Text
	015600.A1b	TEMPORARY PROTECTIVE WALL COVER. Provide Poly sheet protection over existing wall finish during entire duration of construction. Attach so as not to damage existing finish.
	015600.A2	HOARDING. Provide dustproof hoarding around local job area for duration of project. Refer to Appendix A: Details for further information. Provide plywood access door c/w hardware to secure jobsite from entry by students. If lock provided ensure that Owner is provided with a key on site for access at all times to the construction area. Ensure minimum 1100mm clear in corridors to maintain means of egress.
	015600.A3	TEMPORARY FLOOR PROTECTION. Provide and maintain "Ram Board" protection over existing floor finish during entire duration

		Board" protection over existing floor finish during entire duration of construction. Attach so as not to damage existing finish.
0241	00.A1f	SLAB ON GRADE. Refer to mechanical for new plumbing requirements. Provide all scanning, sawcutting and removal of entire or portions of existing slab on grade, excavation and trenching (assume 600mm deep) of existing below slab material to achieve below slab drainage installations as indicated in the mechanical drawings. Refer to structural for scanning, backfill, compaction, underpinning of adjacent walls and repair/replacement of slab on grade requirements. Refer to mechanical for post construction inspection, video and report requirements.

024100.C2	ASSUMED STEEL STUD/WOOD PARTITION. Remove completely to accommodate new work.
024100.C3	NEW OPENING. Remove portion of wall as required to accommodate new work. Refer to structural for new lintel requirements. Provide engineered shoring as required.
024119.D1	DOOR. Remove existing door, frame and related hardware.
024119.E2f	TILE FINISH. Remove existing tile base to accommodate new tile base. Refer to elevations for extent of new finish to guide removals.

024119.E4	VINYL COMPOSITE TILE (VCT). Remove existing VCT, scrape/remove all adhesive to expose clean substrate ready for new work.				
024119.E5	ACOUSTIC TILE CEILING (ACT). Remove existing acoustic tile ceiling tiles and grid system. Retain existing hangers if in reusable condition for new work. Note: In most instances new tile layout has been designed to match original grid location to suit existing duct supply/exhaust locations. Contractor to retain grid location in new work where applicable. Refer to Mechanical and Electrical drawings for ceiling fixture/services removals.				
00/440 E0	DUDDED DAGE D				

024119.E8	RUBBER BASE. Remove existing rubber base and prepare substrate for new finish.
024119.G3	EXHAUST GRILLES and FANS. Remove as indicated in mechanical drawings.
024119.H6	LIGHT FIXTURES. Remove all existing light fixtures. Refer to Electrical for complete removal scope.
024119.H9	ELECTRICAL CONDUIT. Remove all exposed electrical conduit. Refer to Electrical for complete removal/relocation scope.
024119.H11	FIRE ALARM DEVICES. Refer to electrical for removals. Coordinate disconnection with Owner prior to removal.
024119.H12	ELECTRICAL PANEL. Refer to electrical for removals. Coordinate disconnection with Owner prior to removal.
024119.M3	Refer to Mechanical for Removals
024119.ME1	Refer to Mechanical and Electrical for Removals

New 45 Min FRR door and frame c/w door closer.

New 45 Min FRR door and frame c/w power door operator.

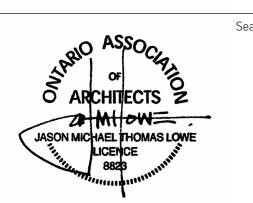
JASON LOWE ARCHITECT

20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

RFTB25-03 Fenelon Township Public School Universal Washroom

Cameron, Ontario

TENDER and **BUILDING PERMIT**



THIS DRAWING IS AN INSTRUMENT OF SERVICE AND IS THE PROPERTY OF THE ARCHITECT. COPYRIGHT FOR THE ARCHITECT'S INSTRUMENTS OF SERVICE BELONGS TO THE ARCHITECT. THIS DRAWING MAY NOT BE REPRODUCED WITHOUT PERMISSION. IF REPRODUCED IT MUST BE REPRODUCED IN FULL AND CARRY THE ARCHITECT'S NAME.

DATE:	3/24/2025 8:37:02 AM
PROJECT NO:	RFTB25-03
DRAWN:	
CHECKED:	JL
	Revisions
# Description	Date

CODE COMPLIANCE and DEMOLITION

DEMOLITION KEYPLAN

RCP Rm 118A Demolition

(024119.H11)



Rating Phase Created

PME HG #2 45 MIN New Construction B

PME | HG #4 | 45 MIN | New Construction | A, B

DOOR SCHEDULE - NOTES

REFER TO DOOR SCHEDULE FOR APPLICABLE NOTE(S) REFER TO APPENDIX A: DETAILS FOR ADDITIONAL DOOR AND FRAME INFORMATION A. CONTRACTOR TO CONFIRM EXISTING DOOR AND FRAME DIMENSIONS PRIOR TO SHOP DRAWING SUBMISSION. B. DOOR AND FRAMES TO RECEIVE PAINT FINISH TO MATCH EXISTING SCHOOL COLOUR SCHEME.

A200 / 087100.AR D119A (D122) (102800.SN-3) (087100.DAB)

965 2134 50 HM PME F1

914 2032 50 HM PME F1

| Material | Finish | Frame Type | Frame Material | Finish

DOOR SCHEDULE

119 Universal Washroom

119 Custodial

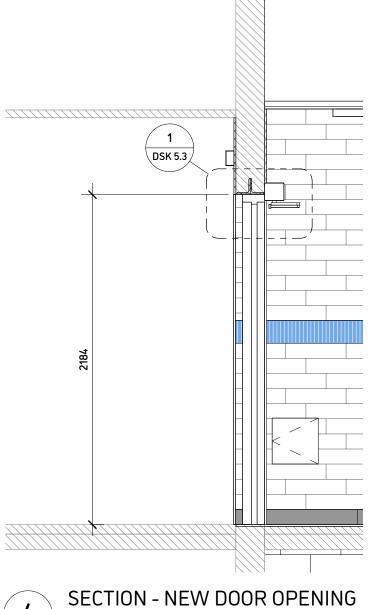
Rm 119 Corridor East

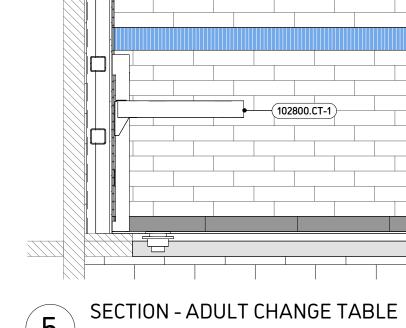
1:25

Door # From

D119A Corridor

D122 Corridor





 $_{
m T}$ REFER TO STRUCTURAL FOR -LATERAL SUPPORT OF CHANGE

TABLE FRAME.—

F92.16T

LICVALOTEC

KEYNOTES	
Key Value	Keynote Text
033000.SIF	SLAB INFILL. Refer to structural for details.
051210.L	New lintel - refer to structural
055000.SF-1	Change table support frame. Refer to structural drawings.
078400.PFP	PREFABRICATED FIRE PROTECTION. Prefabricated fire protection enclosure above fixture.
087100.AR	ASSISTANCE REQUIRED DOME LIGHT. Refer also to Electrical.
087100.DAB	DOOR ACTUATOR BUTTON [Refer also to Electrical]
087100.PD0	POWER DOOR OPERATOR with hold open function. [Refer also to Electrical]
087100.PLA	Combined Push to lock and Door Actuator button [Refer also to Electrical]
102800.CH-1	COAT HOOK
102800.CT-1	ADULT CHANGE TABLE
102800.GB-1	GRAB BAR - Stainless Steel, 90 Degree peened grip
102800.GB-2	GRAB BAR - Stainless Steel 24" Straight peened grip
102800.HD-1	HAND DRYER. Contractor to provide hand dryer and coordinate installation with Electrical trade. Refer to electrical for power supply.
102800.SD-1	SOAP DISPENSER supply by Owner install by Contractor
102800.SH-1	SHELF - Stainless Steel
102800.SN-3	SIGN. Universal Washroom
102800.TP-1	TOILET PAPER HOLDER supply by Owner install by Contractor

102000.514 5	Sion. Oniversal washioun
102800.TP-1	TOILET PAPER HOLDER supply by Owner install by Contracto
125000.CS1	CHEMICAL MIXING STATION supplied by Owner installed by Contractor. Refer to Mechanical for connections
125000.WS60	WIRE SHELVING 60"x 72"
220100.EW1	EYE WASH STATION Refer to Mechanical
220100.FD	FLOOR DRAIN. Refer to mechanical.
220100.L-1	LAVATORY. Refer to mechanical.
220100.MS-1	MOP SINK MS-1. Refer to mechanical.
220100.T1	TOILET T-1. Refer to mechanical.
223300.A1	HOT WATER TANK. Refer to mechanical and electrical.
233000.EX	EXHAUST GRILLE. Refer to mechanical.
233000.SAD	SUPPLY AIR DIFFUSER. Refer to mechanical.
262700 FP	FLECTRICAL PANEL Refer to electrical

ELECTRICAL PANEL. Refer to electrical. LIGHT FIXTURE F1 Refer to Electrical LIGHT FIXTURE L3a Refer to Electrical EMERGENCY LIGHT w/ battery unit Refer to Electrical 265300.BUR EMERGENCY LIGHT remote unit Refer to Electrical PUBLIC ADDRESS SPEAKER. Refer to electrical.

FIRE ALARM STROBE. Refer to electrical. FIRE ALARM SMOKE DETECTOR. Where protecting a rated door locate max. 1500 from opening. Refer to electrical.

GENERAL NOTES - FLOOR PLAN

1. ALL WORK SHALL COMPLY WITH THE LATEST VERSION OF THE ONTARIO BUILDING CODE, REFERENCED STANDARDS, AND MANUFACTURER'S INSTRUCTIONS.

2. ALL DRAWINGS SHALL BE FULLY COORDINATED BY CONTRACTOR TO VERIFY ALL DIMENSIONS AND WORK BY ALL TRADES.

3. COORDINATE LOCATIONS OF NEW FLOOR, WALL AND ROOF OPENINGS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND LATEST REVIEWED SHOP

4. THE CONTRACT DOCUMENTS ARE TO BE READ AS A WHOLE. REFER TO CONTRACT FOR HIERARCHY OF INFORMATION. ARCHITECTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. WHERE CONFLICTS ARE ENCOUNTERED BETWEEN DISCIPLINES THE CONTRACTOR IS TO REQUEST CLARIFICATION FROM THE CONSULTANT IN WRITING.

5. DETAILS AND SECTIONS ON THE DRAWINGS ARE INDICATED AT SPECIFIC LOCATIONS. DETAILS NOTED "TYPICAL" OR "TYP." IMPLY SIMILAR CONDITIONS TO BE TREATED SIMILARLY, MODIFICATIONS TO BE MADE BY CONTRACTOR TO ACCOMMODATE MINOR VARIATIONS. WHERE SIGNIFICANT DIFFERENCES ARE ENCOUNTERED DUE TO SITE CONDITION CONTACT CONSULTANT FOR REVIEW AND DIRECTION PRIOR TO PROCEEDING.

6. FIRE SEPARATIONS/FIRE STOPPING. ALL NEW AND EXISTING PENETRATIONS THROUGH WALLS, FLOORS AND/OR CEILINGS DESIGNATED AS FIRE SEPARATIONS, NEW OR EXISTING EXPOSED DURING DEMOLITION, SHALL BE FIRE STOPPED AND SMOKE SEALED USING ULC TESTED AND APPROVED SYSTEMS. PATCH AND REPAIR ALL FIRE PROOFING AT BUILDING STRUCTURE WHERE MISSING OR DAMAGED TO MAINTAIN REQUIRED FIRE RATING. SEE DRAWING A010. REFER TO SPECIFICATION SECTIONS 01 33 00 AND 07 84 00.

7. COORDINATE AND SEQUENCE INSTALLATION OF ALL BLOCKING REQUIRED BY NEW WORK WITH ELEVATIONS AND DETAILS.

8. ACCESS PANELS/DOORS. NOT ALL REQUIRED OR EXISTING ACCESS PANELS, DOORS OR COVERS MAY BE INDICATED ON THE DRAWINGS. CONTRACTOR TO COORDINATE ACCESS DOOR AND PANEL REQUIREMENTS WITH APPROPRIATE TRADES. WHERE CONFLICTS ARISE REQUEST CLARIFICATION FROM CONSULTANT.

9. FLOOR DRAINS. REFER TO MECHANICAL. WHERE EXISTING FLOOR DRAINS ARE POSITIONED HIGH IN NEW WORK ALLOW FOR LOCAL SLAB CHIPPING AND FLOOR LEVELING TO SUIT SLOPE OR FLUSH TO NEW FINISHES INSTALL OF NEW DRAIN BODY.

10. FLOOR FINISHES. FLOOR FINISHES ARE NOT INDICATED ON GENERAL FLOOR PLANS FOR CLARITY. REFER TO FLOOR FINISH PLAN(S) FOR FLOOR FINISH INFORMATION, TILE PATTERNS AND RELATED INFORMATION.

11. CEILING GRIDS. UNLESS NOTED OR DIMENSIONED OTHERWISE NEW CEILING GRIDS HAVE BEEN LOCATED TO MATCH EXISTING GRID LAYOUTS TO MAINTAIN EXISTING RELATIONSHIPS TO DUCTWORK, SUPPORTS ETC. CONTRACTOR TO LOCATE AN EXISTING GRID T REFERENCE POINT PRIOR TO DEMOLITION FOR LAYOUT OF NEW GRID AS REQUIRED.

12. REFER TO APPENDIX A DSK 09 SERIES FOR CONSTRUCTION ASSEMBLIES.

DIMENSIONING CONVENTIONS

DIMENSIONING CONVENTIONS

A. ALL DIMENSIONS ON ARCHITECTURAL DRAWINGS ARE CLEAR MEASUREMENTS TO FINISHED FACE UNLESS OTHERWISE NOTED.

B. THE CONTRACTOR SHALL ENSURE ALL CODE REQUIRED MINIMUM CLEARANCES ARE MAINTAINED IN THE WORK. NOTIFY CONSULTANT WHERE CLEAR OR CRITICAL DIMENSIONS ARE DESIGNATED BUT CANNOT BE ACHIEVED FOR REVIEW AND

C. DRAWINGS ARE NOT TO BE SCALED. VERIFY ANY MISSING OR CONFLICTING DIMENSIONS WITH THE ARCHITECT/CONSULTANT PRIOR TO PROCEEDING WITH THE

D. MAINTAIN CONSISTANT FINISHED FLOOR DATUM THROUGHOUT THE PROJECT AREA SUCH THAT DIMENSIONS INDICATED AS ABOVE FINISHED FLOOR (AFF) ARE REFERENCED FROM THE SAME DATUM TO MAINTAIN ALIGNMENT OF ELEMENTS HORIZONTALLY.

E. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING WORK. REPORT ALL DISCREPANCIES TO THE CONSULTANT FOR CLARIFICATION PRIOR TO COMMENCING WORK.

F. REFER TO APPENDIX A: DETAILS FOR TYPICAL MOUNTING HEIGHTS. BUILDING CODE REQUIRED MINIMUM CLEARANCES ARE TO BE MAINTAINED.



20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

RFTB25-03 Fenelon Township Public School Universal Washroom

Cameron, Ontario

TENDER and **BUILDING PERMIT**

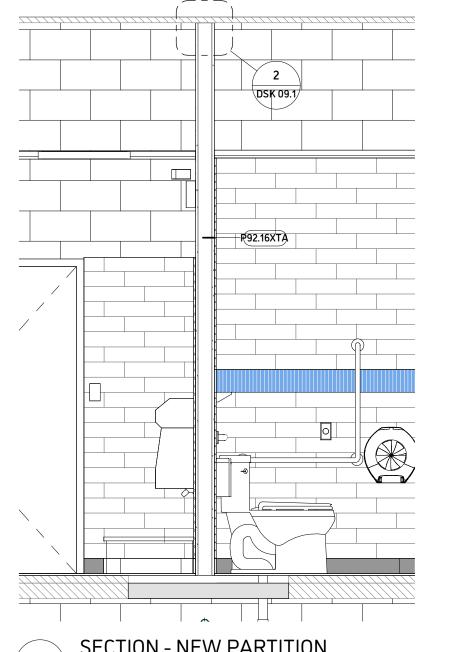
MARCH 24, 2025



THIS DRAWING IS AN INSTRUMENT OF SERVICE AND IS THE PROPERTY OF THE ARCHITECT. COPYRIGHT FOR THE ARCHITECT'S INSTRUMENTS OF SERVICE BELONGS TO THE ARCHITECT. THIS DRAWING MAY NOT BE REPRODUCED WITHOUT PERMISSION. IF REPRODUCED IT MUST BE REPRODUCED IN FULL AND CARRY THE ARCHITECT'S NAME.

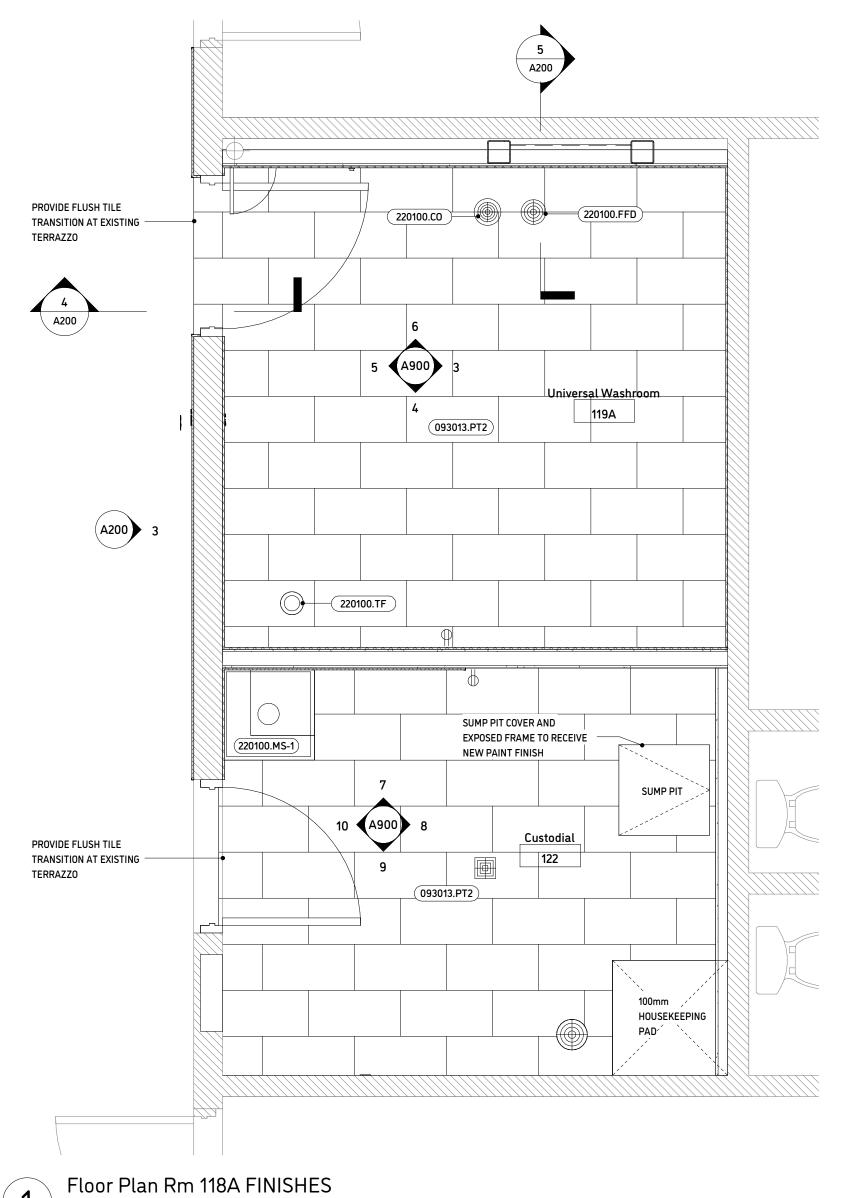
DRAWN: CHECKED: Check
CHECKED: Check

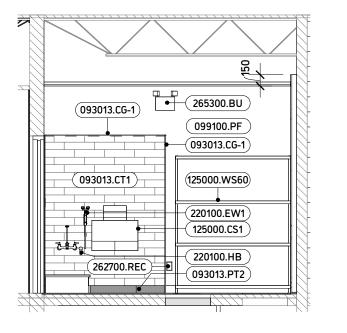
Rm 118A NEW WORK

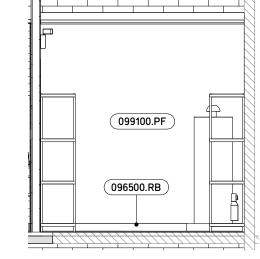


SECTION - NEW PARTITION

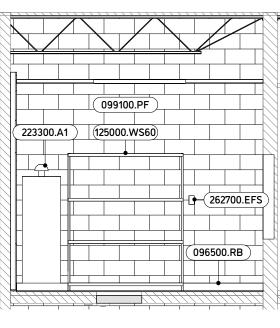
1:25

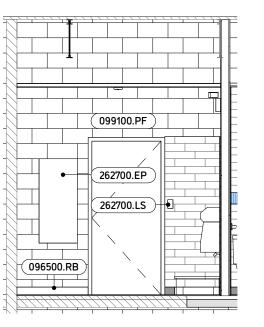


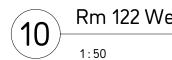




Rm 122 East







A900 Room Fi	Room Finish Schedule					
Room name	Room #	Floor Finish	Wall Finish	Base Finish	Ceiling Finish	Comments
Jniversal Washroom	119A	PT-2	CT-1/MT-3	PT-2	ACT-2	Provide fire rated enclosures to all electrical devices and lighting.
Custodial	122	PT-2	CT-1	PT-2	ACT-2	Provide fire rated enclosures to all electrical devices and lighting.
Jastoulat	122	112	011	112	7.01 2	1 Tovido in e rated effetosares to att effectivat devices and hymning.

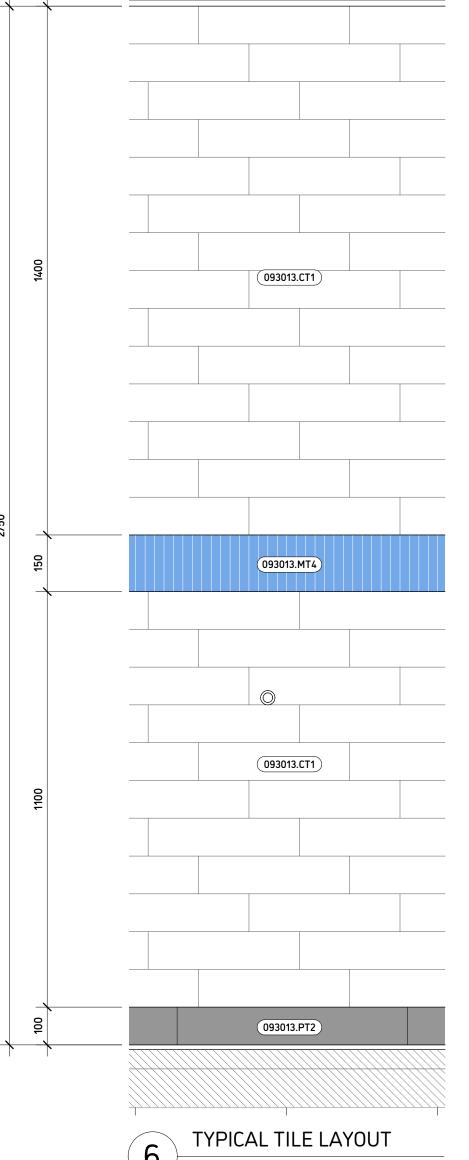
ROOM FINISH SCHEDULE - NOTES

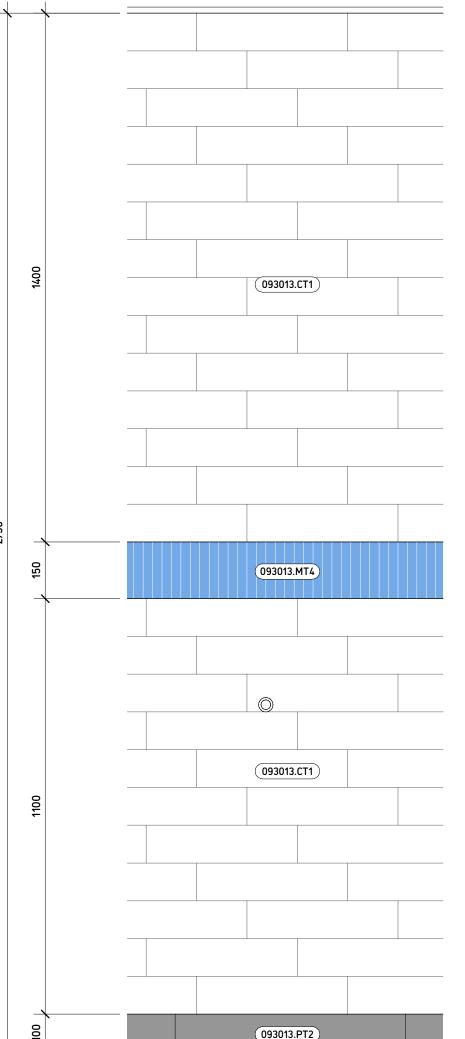
1. REFER TO SPECIFICATIONS FOR SPECIFIC PRODUCTS IDENTIFIED BY THE TAG AND KEYNOTES ON DRAWINGS AND SCHEDULES.

- PT-X. PORCELAIN TILE. CT-X. CERAMIC TILE.
- MT-X. MOSAIC TILE. PF. PAINT FINISH.
- PME. PAINT MATCH EXISTING RB. RUBBER BASE.
- VCT. VINYL COMPOSITE TILE
- ACT. ACOUSTIC CEILING TILE
- EXIST. EXISTING FINISH TO REMAIN EXT EXISTING TERRAZZO TO REMAIN
- CS CONCRETE SEALER

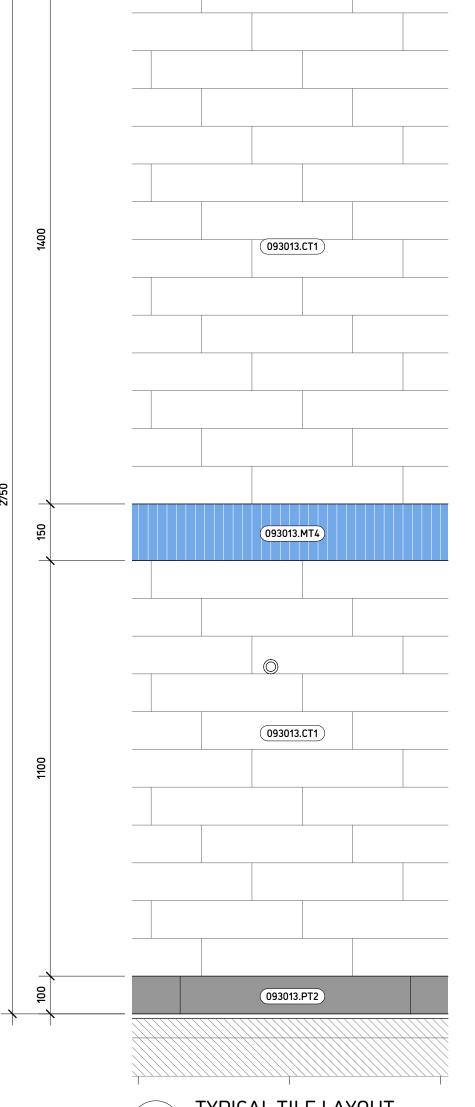
2. REFER TO A900 SERIES FINISH DRAWINGS FOR FULL EXTENT OF FINISHES.

- A. DOOR AND FRAME TO RECEIVE PAINT FINISH TO MATCH EXISTING.
- B. GYPSUM CEILING TO RECEIVE PAINT FINISH.
- C. TRANSOM PANEL. GYPSUM TRANSOM PANEL ABOVE DOOR TO RECEIVE PAINT FINISH.





6 TYPICAL TILE LAYOUT



A200 MIN. FR. SWING 265000.0S (102800.GB-1) (102800.GB-2 087100.ECS

Rm 119A WEST

FINISHES - GENERAL NOTES

1. TILE PRE-INSTALLATION MEETING. A PRE-INSTALLATION MEETING IS TO BE COORDINATED BY THE CONTRACTOR AND THEIR TILE TRADE(S), THE ARCHITECT AND THE OWNER PRIOR TO COMMENCING TILE INSTALLATION. REFER TO SPECIFICATION SECTION 01 31 19 FOR FURTHER INFORMATION.

2. KEYNOTE NUMBERS RELATE TO THE SPECIFICATION SECTIONS - REFER TO APPRORIATE SPECIFICATION SECTION FOR FURTHER INFORMATION.

3. FIXTURES AND ACCESSORIES HAVE BEEN REMOVED FROM VIEW IN FINISH PLANS FOR CLARITY. REFER TO A200 SERIES FLOOR PLANS FOR FURTHER INFORMATION.

4. COORDINATE PLUMBING FIXTURE FINISHED HEIGHTS WITH FINISHED FLOOR ELEVATIONS FOR FLUSH INSTALL.

.1 ALL EXISTING PAINTED SURFACES WITHIN AREA OF NEW WORK TO RECEIVE NEW PAINT INCLUDING WALLS, GYPSUM CEILINGS, DOORS AND FRAMES AND ANY ACCESSORY ITEMS SUCH AS METAL SUPPORT BRACKETS AND FRAMES FOR BENCHES AND HOOKS IF APPLICABLE, UNLESS OTHERWISE NOTED. REFER TO

.2 ALL NEW GYPSUM BOARD SURFACES TO RECEIVE PAINT FINISH. .3 COLOUR. PAINT COLOURS ARE TO MATCH EXISTING SCHOOL COLOUR SCHEME(S). .4 DO NOT PAINT FIRE RATED DOOR OR CEILING GRILLES (TYP.). .5 REFER TO DRAWINGS AND SPECIFICATIONS FOR FINISH REQUIREMENTS FOR EXISTING MILLWORK ELEMENTS.

6. REFER TO APPENDIX A: DETAILS FOR TYPICAL APPLICABLE FINISH DETAILS: DSK 01.4 MOUNTING HEIGHTS DSK 08.1 DOOR FRAME DETAILS – MASONRY WALLS DSK 08.2 DOOR FRAME DETAILS – STEEL STUD WALLS DSK 09.10 DOOR "POCKET" DETAIL DSK 09.11 TILE ACCESSORIES (CORNER GUARDS AND TRANSITIONS) DSK 09.12 TILE BASE DETAILS

7. FOR TILE PATTERNS – REFER TO DETAIL THIS PAGE UNLESS NOTED OTHERWISE BY KEYNOTES ON ELEVATIONS.

KEYNOTES

125000.WS60

262700.REC

Keynote Text

083310.MAD	MECHANICAL ACCESS DOOR. Refer to Mechanical specification. Locate as required for most convenient access to new or existing equipment.
087100.DS	DOOR STOP - wall mounted. Provide blocking behind gypsum board in steel stud partitions.
087100.ECB	EMERGENCY CALL MUSHROOM BUTTON. Refer also to electrical.
087100.ECS	Sign Emergency Call
087100.PD0	POWER DOOR OPERATOR with hold open function. [Refer also to Electrical]
087100.PLA	Combined Push to lock and Door Actuator button [Refer also to Electrical]
093013.CG-1	TILE CORNER TRIM CG-1 Schluter Rondo
000040 074	SERVICE AND THE AGO AGO A STANKING BOLLS

CERAMIC WALL TILE 100x400 Arctic White Bright GLASS MOSAIC TILE 25x150 Twilight Blue/Dusk Glass Tile. Installed in vertical "soldier" pattern. 093013.PT2 PORCELAIN TILE 305x610 Anthracite. Pattern as indicated 096500.RB RUBBER BASE PAINT FINISH. Colour to match existing colour scheme. ADULT CHANGE TABLE GRAB BAR - Stainless Steel, 90 Degree peened grip

GRAB BAR - Stainless Steel 24" Straight peened grip

FUNNEL FLOOR DRAIN for change table. Refer to mechanical.

HOT WATER TANK. Refer to mechanical and electrical. EXHAUST FAN SWITCH. Refer to mechanical and electrical.

HOSE BIBB. Refer to mechanical.

LAVATORY. Refer to mechanical. MOP SINK MS-1. Refer to mechanical. TOILET T-1. Refer to mechanical.

ELECTRICAL PANEL. Refer to electrical. GFI RECEPTACLE. Refer to electrical.

LIGHTING CONTROLS. Refer to electrical.

OCCUPANCY SENSOR Refer to Electrical

EMERGENCY LIGHT w/ battery unit Refer to Electrical

RECEPTACLE. Refer to electrical.

283000.FAS FIRE ALARM STROBE. Refer to electrical.

TOILET FLANGE in tile

REPRODUCED IN FULL AND CARRY THE ARCHITECT'S NAME. HAND DRYER. Contractor to provide hand dryer and coordinate installation with Electrical trade. Refer to electrical for power 102800.MI-1 TILT MIRROR - 24" x 36" barrier free PROJECT NO: SOAP DISPENSER supply by Owner install by Contractor DRAWN: SHELF - Stainless Steel CHECKED: SANITARY NAPKIN DISPOSAL TOILET PAPER HOLDER supply by Owner install by Contractor CHEMICAL MIXING STATION supplied by Owner installed by

Description Contrsctor. Refer to Mechanical for connections WIRE SHELVING 60"x 72" CLEAN OUT. Refer to mechanical. EYE WASH STATION Refer to Mechanical

Rm 118A FINISHES

JASON LOWE ARCHITECT

20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

RFTB25-03 Fenelon

Township Public

School Universal

Washroom

Cameron, Ontario

TENDER and

BUILDING PERMIT

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND IS THE

3/24/2025 8:37:05 AM

RFTB25-03

Checker

Revisions

Date

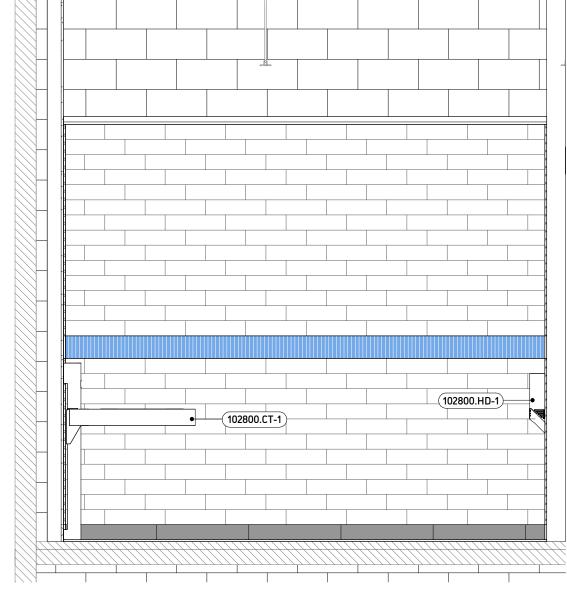
ARCHITECT'S INSTRUMENTS OF SERVICE BELONGS TO THE

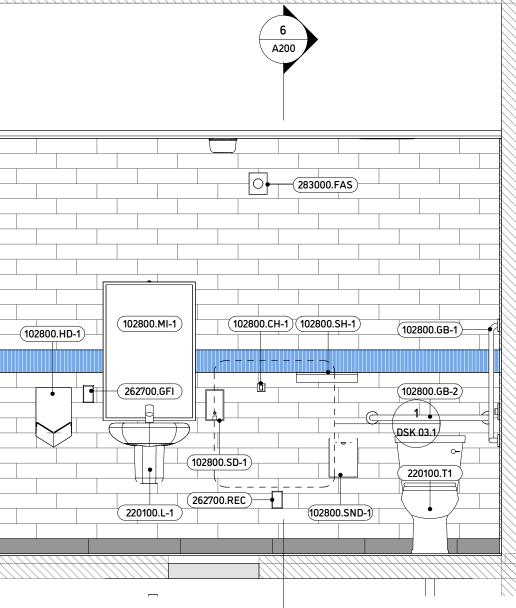
ARCHITECT. THIS DRAWING MAY NOT BE REPRODUCED

WITHOUT PERMISSION. IF REPRODUCED IT MUST BE

PROPERTY OF THE ARCHITECT. COPYRIGHT FOR THE

(087100.PDO √ 087100.DS (102800.CT-1) \pm (083310.MAD) 262700.GFI —





Rm 119A SOUTH

- 1. READ STRUCTURAL DRAWINGS IN CONNECTION WITH OTHER CONTRACT DOCUMENTS
- 2. THE CONTRACTOR IS TO CHECK AND VERIFY ALL DIMENSIONS ON THE STRUCTURE DRAWINGS WITH THE ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION. ANY DISCREPANCIES OR ERRORS MUST BE REPORTED TO THE ARCHITECT / ENGINEER PRIOR TO COMMENCING WORK
- 3. DO NOT SCALE DRAWINGS
- 4. FEATURES OF CONSTRUCTION NOT FULLY SHOWN ARE OF THE SAME CHARACTER AS THOSE NOTED FOR SIMILAR CONDITIONS.
- 5. STRUCTURAL DESIGN IS BASED ON THE LATEST EDITION OF THE NATIONAL BUILDING CODE AND, SPECIFICALLY, DIV. B- PART 4 OF THE 2012 ONTARIO BUILDING CODE
- 6. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR THE TESTING OF CONCRETE, COMPACTION, INSPECTION OF STRUCTURAL REINFORCING AND STRUCTURAL STEEL FOR ALIGNMENT, BOLTS AND WELDED CONNECTIONS, AND FOR THE PROMPT SUBMISSION OF ALL REPORTS TO THE PROJECT ENGINEER AND ARCHITECT.
- 7. ANY TEMPORARY SHORING REQUIRED TO CONSTRUCT THE WORKS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT THE START OF THE PROJECT AND ARRANGE FOR ALL INSPECTIONS IN ACCORDANCE WITH CLAUSE 10.2 OF THE BUILDING CODE ACT AND DIV. C. PART 1 OF THE ONTARIO BUILDING CODE, PROVIDE MINIMUM 48 HOURS NOTICE WHEN AN INSPECATION IS REQUIRED. TULLOCH ENGINEER HUNTSVILLE MY BE CONTACTED BY PHONE AT (705)789-8751.
- 9. WHERE DEMOLITION OR RENOVATION OF EXISTING BUILDING IS INVOLVED, IT IS THE RESPONSIBILITY OF THE OWNER TO COMPLETE A DESIGNATED SUBSTANCE SURVEY. A COPY OF THE SURVEY SHALL BE FORWARDED TO THE ENGINEER AND TO THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION.

- 1. STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF CSA SPECIFICATIONS S16.1 (LATEST EDITION) AND CSA SPECIFICATIONS G40.1 TYPE350W (LATEST EDITION) FOR BEAMS AND 350W FOR HSS (CLASS C).
- 2. THE WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE CSA W59 AND THE WELDING COMPANY AND WELDERS SHALL BE QUALIFIED UNDER THE REQUIREMENTS OF CSA W57 (LATEST EDITION) FOR THE APPROPRIATE POSITION.
- 3. PREPARE AND SUBMIT FOR APPROVAL, FULLY DETAILED AND DIMENSIONED DRAWINGS AND ERECTION DIAGRAMS, FOUR COPIES SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL, FABRICATION, AND ERECTION, DRAWINGS SHALL BE SEALED BY THE FABRICATORS ENGINEER. ADDITIONAL COPIES OF THE DRAWINGS SHALL BE PROVIDED AS REQUIRED.
- 4. BOLTED CONNECTIONS SHALL BE MADE USING FRICTION TYPE CONNECTIONS AND HIGH TENSILE STRENGTH BOLTS (A325 MINIMUM).
- 5. PROVIDE AND REMOVE TEMPORARY BRACING NECESSARY TO KEEP THE STRUCTURE TRUE AND PLUMB DURING CONSTRUCTION.
- 6. ALL CONNECTIONS TO BE STANDARD FRAME BEAM CONNECTORS AND ARE TO BE DESIGNED AND STAMPED BY THE FABRICATOR'S ENGINEER AS PER CSA S16.1
- 7. STEEL SHALL BE THOROUGHLY CLEANED AND BE GIVEN ONE SHOP COAT OF ANTI-CORROSIVE PRIMER, AREAS EFFECTED BY WEATHERING, DAMAGE DUE TO HANDLING ETC., SHALL HAVE THE RUST REMOVED AND BE "TOUCHED UP" IN THE FIELD.
- 8. ALL OF THE BASE PLATES FOR COLUMNS AND BEARING PLATES FOR THE BEAMS SHALL BE GROUTED WITH MINIMUM OF 38MM $(1\frac{1}{2})$ OF 35 MPA (5100 PSI) NON-SHRINK GROUT.
- 9. NO SPLICES IN BEAMS AND COLUMNS WILL BE ALLOWED WITHOUT WRITTEN APPROVAL BY THE ENGINEER, BUTT WELDS IN SPLICES AND MOMENT CONNECTIONS MUST BE ULTRASONICALLY TESTED OR X-RAYED AND PASSED BY AN INDEPENDENT TESTING COMPANY.
- 10. CO-ORDINATE WITH MECHANICAL ENGINEER, ELECTRICAL ENGINEER, AND ALL SUB-TRADES WHOSE WORK AFFECTS THE DETAILING, FABRICATION AND ERECTION OF THE STRUCTURAL STEEL. DO NOT CUT OPENINGS IN STRUCTURAL STEEL MEMBERS WITHOUT ENGINEER
- 11. NO HOLES SHALL BE CUT IN THE BEAMS OR COLUMNS.

- 1. FOUND ALL FOOTINGS ON NATURALLY CONSOLIDATED, UNDISTURBED SOIL CAPABLE OF SAFELY SUSTAINING 150 kPa (3000 psf). BEARING CAPACITY SHALL BE CONFIRMED BY CBO OR ENGINEER
- 2. NO FOOTINGS SHALL BE POURED UNTIL THE ENGINEER HAS APPROVED THE FOUNDATION
- 3. THE LINE SLOPE BETWEEN ADJACENT FOOTINGS OR EXCAVATIONS OR ALONG STEPPED FOOTINGS SHALL NOT EXCEED A RISE OF 7 AND A RUN OF 10.
- 4. ERECT, MAINTAIN, AND IF REQUIRED, REMOVE A SUPPORTING SHORING SYSTEM ALONG THE SIDES OF THE EXCAVATION.

1. CONCRETE IS SPECIFIED USING ALTERNATIVE NUMBER OF CSA A23.1 TABLE 2 AS FOLLOWS: EXTERIOR FOUNDATIONS INTERIOR FLOOR SLAB

EXPOSED CLASS (TABLE 1)	C-1	N
AIR CONTENT CATEGORY (TABLE 4)	1	N/A
MAX. W/C RATIO (TABLE 2)	0.40	.055
CURING TYPE (TABLE 2)	2	1
MAX. COMPRESSIVE STRENGTH @ 28 DAYS	35MPa	30MPa
2. AT LEAST TWO (2) WEEKS PRIOR TO THE	PLACEMENT OF CONCRETE	THE CONTRACTOR SHALL

- SUBMIT THE FOLLOWING TO THE ENGINEER FOR REVIEW: A VALID 'CERTIFICATE OF READY MIXED CONCRETE PRODUCTION FACILITIES' OR A VALID
- 'CERTIFICATE OF MOBILE MIX CONCRETE PRODUCTION FACILITIES' AS ISSUED BY THE 'READY MIXED CONCRETE ASSOCIATION OF ONTARIO' TO THE PLANT BEING USED. A COMPLETED 'CONCRETE MIXED FINAL SUBMISSION FORM'
- A QUALITY PLAN THAT DESIGNATES A SPECIFIED SLUMP OR SOME OTHER MEASURE OF WORKMANSHIP TEST RESULTS TO SHOW COMPLIANCE WITH CSA A23.1
- AIR VOID SYSTEM OF HARDENED CONCRETE. STATISTICAL STRENGTH TEST ANALYSIS TO CONFIRM THE STRENGTH LEVEL FOR EACH
- CLASS OF CONCRETE INCLUDING THE EXPECTED 7/28 DAY STRENGTH RATIO
- 3. FABRICATION AND PLACEMENT OF REINFORCING STEEL TO BE IN ACCORDANCE WITH CSA A23.1 AND THE REINFORCING STEEL INSTITUTE OF CANADA'S 'REINFORCING STEEL MANUAL OF STANDARD PRACTICE'.
- 4. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO CSA G30.18 M92, Fy=400 MPa (GRADE 400)
- 5. CONCRETE SHALL NOT BE POURED UNTIL REBAR HAS BEEN INSPECTED BY THE ENGINEER.
- 6. WHERE REBARS JOIN AT CORNERS PROVIDE CORNER BARS FOR LAPS, UNLESS NOTED
- 7. CONCRETE COVER FOR REINFORCING STEEL AS PER TABLE 17 OF CSA A23.1 ALL CONCRETE CAST AGAINST EARTH 76MM
 - ALL CONCRETE CAST IN FORMS BUT EXPOSED TO EARTH OR WEATHER 50MM BARS 20M AND SMALLER IN WALLS AND SLABS 32MM CONCRETE NOT EXPOSED TO EARTH AND WEATHER 25MM OR 1.5 NOMINAL BAR DIAMETER
- 8. ALL REINFORCING BARS SHALL BE ACCURATELY PLACED AND ADEQUATELY SUPPORTED BY PRECAST CONCRETE, ADDITION BARS, TIES, TIES OR APPROVED CHAIRS AGAINST DISPLACEMENT.
- 9. CONTINUOUS AND TEMPERATURE REINFORCING BARS SPLICES TO BE LAPPED 40 BAR DIAMETERS OR A MINIMUM OF 600 AT SPLICES AND CORNERS, UNLESS OTHERWISE SHOWN ON SECTION OR TYPICAL DETAILS. LAP CONTINUOUS TOP BARS AT CENTRE BETWEEN SUPPORTS AND CONTINUOUS ENDS WITH STANDARD HOOKS.
- 10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL CONCRETE IS PLACED AND CURED IN CONFORMANCE WITH THE REQUIREMENT OF CSA A23.1-14. THE CONTRACTOR IS RESPONSIBLE FOR ALL HEATING AND HOARDING REQUIRED.
- 11. ALL EXTERIOR EDGES TO BE CHAMFERED 19MM UNLESS NOTED OTHERWISE.

1. CEMENTITIOUS GROUT UNDER BASE PLATES TO BE SIKAGROUT 212.

ONCRETE ANCHORS:

- 1. ALL CONCRETE ANCHORS TO BE HILTI HAS ROD HOT DIPPED GALVANIZED (DIAMETER AS NOTED ON DRAWINGS).
- 2. ALL CONCRETE ANCHORS TO BE COMPLETE WITH HOT DIPPED GALVANIZED FLAT WASHERS, NUTS, LOCK NUTS, ETC. AS SPECIFIED ON THE DRAWINGS
- 3. ALL EPOXY ADHESIVE SHALL BE HILTI HIT-HY 200/HIT ICE.
- 4. INSTALL AS PER MANUFACTURE'S SPECIFICATIONS.

- 1. ALL MASONRY WORK SHALL CONFORM TO NATIONAL BUILDING CODE LATEST EDITION AND CSA STANDARDS S 304.1 - 'DESIGN OF MASONRY STRUCTURES', LATEST EDITION.
- 2. ALL CONCRETE MASONRY UNITS SHALL CONFORM TO CAN/CSA A165 SERIES-04 EXCEPT WHERE OTHERWISE SPECIFIED. PROVIDE MASONRY BLOCK WITH A MINIMUM COMPRESSIVE
- 3. LINTELS OVER ALL OPENINGS IN NON LOAD BEARING MASONRY WALLS, UNLESS OTHERWISE SHOWN ON STRUCTURAL DRAWINGS, PROVIDE LINTELS AS PER THE FOLLOWING SCHEDULE:

	LINTEL SCHEE	DULE FOR NON-L	LOADBEARING MAS	SONRY WALLS								
THICKNESS OF	MAXIMUM CLEAR SPAN OF OPENING											
WALL	L1 4'-0" OR LESS	L2 4'-0" OR 6'-0"	L3 6'-0" OR 8'-0"	L4 8'-0" OR 10'-0"	TYPE							
150mm	2 – L89x89x6	2 – L89x64x8	L125x125x8	L150x150x8	OR							

- 4. ALL STEEL LINTELS TO HAVE MINIMUM OF 150MM (6") BEARING ON EACH SIDE OF OPENING.
- 5. PROVIDE MINIMUM OF 2 COURSES OF 100% FILLED SOLID BLOCK 16" LONG MINIMUM FILLED WITH 20 MPa CONCRETE, CENTERED UNDER EACH BEAM AND JOIST BEARING PLATE.
- 6. MINIMUM BEAM BEARING PLATE UNLESS NOTED FOR JOIST OR BEAM SUPPLIED BY STEEL FABRICATOR

SP1 - 150MM CONC BLOCK - 250 x 12 x 125 SP2 - 200MM CONC BLOCK - 250 x 12 x 178 EACH WITH 1-12MMØ ANCHORS

BLOCK-LOC LADDER REINFORCING.

- 7. FILL BLOCKS SOLID BELOW BEARING PLATES TWO COURSES, AND ALL LINTEL BLOCKS WITH TYPE M MORTAR 17.5 MPa
- 8. LOAD BEARING AND NON-LOAD BEARING WALLS TYPE S MORTAR 12.5 MPa
- 9. PROVIDE HORIZONTAL REINFORCING AT EVERY 2nd BLOCK COURSE USING HEAVY DUTY
- 10. OVER ALL OPENING AND RECESSES IN MASONRY WALLS, INCLUDING THOSE FOR MECHANICAL
- AND ELECTRICAL SERVICES OR EQUIPMENT, PROVIDE AND INSTALL MASONRY OR STEEL LINTELS IN ACCORDANCE WITH THE REQUIREMENTS OF THE LINTEL SCHEDULE
- 11. OBTAIN THE ENGINEERS'S PERMISSION FOR ALL OPENINGS, SLEEVES, AND SLOTS THROUGH STRUCTURAL COMPONENTS NOT SHOWN ON STRUCTURAL DRAWINGS.
- 12. WHERE DOWELS, ANCHOR BOLTS, ETC., ARE SHOWN PROJECTING INTO MASONRY, GROUT THESE TIGHT INTO MASONRY VOIDS WITH CONCRETE OR CEMENT MORTAR.
- 13. PROVIDE A MINIMUM OF 400MM (16") DEPTH OF 100% SOLID MASONRY UNITS FOR BEARING OF STEEL, CONCRETE, OR MASONRY LINTELS AND FOR MINIMUM OF 200MM (8") PAST
- 14. ALL MASONRY MUST BE SET WITH FULLY FILLED JOINTS USING MORTAR AS DEFINED IN THE NATIONAL BUILDING CODE AND/OR CSA A179M. MORTAR TO BE TYPE 'S' UNLESS NOTED
- 15. PROVIDE A MINIMUM OF 38MM $(1\frac{1}{2})$ PORTLAND CEMENT GROUT UNDER ALL WALL PLATES
- 16. GROUT SHALL ALSO BE SUPPLIED IN CONCRETE BLOCK WALLS WHEREVER HORIZONTAL OR VERTICAL REINFORCING STEEL IS SPECIFIED. FILL CORES SOLID WHEREVER GROUT IS
- 17. ALL MASONRY GROUT SHALL CONFORM TO CA/CSA A179-04 AND SHALL BE FINE TYPE GROUT WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 10 MPa.
- 18. THE CONCRETE BLOCK SHALL CONFORM TO CSA STANDARD CAN3-A165 SERIES-04
- 19. THE MASONRY WIRE REINFORCING SHALL CONFORM TO CSA A370-04.
- 20. MASONRY VENEER CONNECTORS SHALL CONFORM TO AN BE INSTALLED IN ACCORDANCE WITH CSA A370-04
- 21. NO MASONRY WORK SHALL BE PERMITTED WITH TEMPERATURE BELOW 5 DEGREES CELSIUS UNLESS PROVISIONS ARE MADE FOR HEATING THE MATERIALS AND PROTECTING THE WORK WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
- 22. ALL MASONRY CONSTRUCTION SHALL CONFORM TO CSA STANDARDS A371-04.
- 23. PROVIDE CONTINUOUS TRUSS TYPE JOINT REINFORCING AT 400MM (16") O.C. AND USE "CORNER-LOK" AT ALL WALL INTERSECTIONS. REINFORCING TO BE HOT DIP GALVANIZED AT ASTM A 153 CLASS B2. LONGITUDINAL WIRES TO BE 4.76MM (37) DIAMETER, AND DIAGONAL WIRES TO BE 3.66MM DIAMETER (9 GA).
- 24. ALL METAL ANCHORS TO BE SECURE WALLS EXPOSED TO WEATHER SHALL BE HOT DIP
- 25. ANCHOR ALL MASONRY TO COLUMNS WITH STEEL STRAP PLATE 40 X 5 X 525MM, 50MM HOOKS AT 600MM O.C. (PLATE 1½" X 윦" X 21", 2" HOOKS AT 24") UNLESS NOTED.
- 26. PROVIDED LINTELS PER LINTEL SCHEDULE.
- 27. VERTICAL REINFORCING SHALL BE CONTINUOUS. LAB BARS 450MM (18")
- 28. REINFORCE ALL OPENINGS THROUGH MASONRY WALLS WITH TWO (2) 15M VERTICAL BARS EACH SIDE OF THE OPENING AND EXTENDING 600MM (16") PAST OPENING.
- 29. PROVIDE ONE COURSE BOND BEAM COMPLETE WITH TWO (2) 15M CONTINUOUS FOR ALL BEARING WALLS UNDER ROOF STRUCTURES AND ALL FLOOR STRUCTURES.

INCLU MASONINI FILIN.		
OPENING MP1	1 CORE BESIDE OPENING FILLED SOLID AND REINFORCED WITH 15M REBAR TYPICAL ALL OPENINGS	OPENING OPENING MP2

TRIAL TESTING AND INSPECTION: THE CONTRACTOR SHALL INCLUDE COSTS TO ENSURE THAT THE FOLLOWING QUALITY CONTROL

- ACTIVITIES ARE UNDERTAKEN DURING THE COURSE OF WORK: 1. COMPACTION TESTING AS SPECIFIED ON THE DRAWINGS
- 2. TULLOCH TO PERFORM REBAR INSPECTION PRIOR TO CONCRETE PLACEMENT ON BEHALF OF OWNER AT NO COST TO CONTRACTOR
- 3. CONCRETE TESTING AN COMPACTION IN ACCORDANCE WIN CSA A23.1 AND A23.2 TO BE INCLUDED IN CONTRACTOR BID PRICE BY A THIRD PARTY INDEPENDENT FIRM

NAL CLEAN UP:

- 1. AT THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES, THE BUILDING ERECTION CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL WASTE CONSTRUCTION MATERIALS, DEBRIS, ETC.
- 2. AT THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES, THE BUILDING CONTRACTOR SHALL BE RESPONSIBLE TO SWEEP, WIPE AND POWER WASH ALL SURFACES ON THE INTERIOR AND EXTERIOR OF THE BUILDING.

- 1. THE STRUCTURAL TIMBER AND LUMBER SHALL BE NO. 1 OR 2 GRADE SPECIES SPF OR BETTER UNLESS NOTED OTHERWISE.
- 2. THE DESIGN OF THE BEAMS, COLUMNS AND LINTELS IS BASED ON THE LIMIT STATES DESIGN SPECIFIED UNDER CSA STANDARD 086. ANY SUBSTITUTIONS OF SPECIES, GRADE OR GROUP
- MUST BE APPROVED BY THE ENGINEER PRIOR TO THE COMMENCING OF WORK. 3. THE LUMBER WAS DESIGNED FOR A MOISTURE CONTENT GREATER THAN 15% AT THE TIME OF
- MANUFACTURE AND LESS THAN 15% IN SERVICE. 4. DURING CONSTRUCTION, ENSURE ALL MEMBERS ARE IN GOOD BEARING CONTACT.
- 5. CONNECTION HARDWARE IS TO RECEIVE ONE COAT OF ZINC CHROMATE PRIMER OR EQUAL. ENSURE THAT ALL HARDWARE AND FASTENERS IN CONTACT WITH PRESSURE TREATED WORD
- 6. ALL PLYWOOD JOINTS ARE TO BE STAGGERED. NAIL ALL FLOOR, ROOF AND WALL SHEATHING AT 150MM (6") O.C. AT EDGES AND 300MM (1") CENTRES ELSEWHERE UNLESS NOTED
- 7. ALL PLYWOOD SHALL CONFORM TO CSA STANDARD 0121 OR 0151.

ARE COMPATIBLE WITH THE PRESSURE TREATED CHEMICALS.

- 8. THE BEARING SHOWN ON THE DRAWINGS IS THE MAXIMUM WIDTH TO BE PROVIDED AND THE
- TRUSS MANUFACTURER MUST DESIGN THE TRUSSES TO SUIT THE BEARING WIDTH. 9. PROVIDE STANDARD JOIST HANGERS AS REQUIRED BY SIMPSON, RSC OR APPROVED EQUIVALENT.
- 10. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
- 11. MAXIMUM BRIDGING SPACING FOR SWAN LUMBER JOISTS SHALL BE 2300MM (7'-6") O.C..
- 12. SPIKE EACH LAMINATION OF BUILD-UP BEAMS @ 300MM (1') O.C. AS FOLLOWS:
- 1 ROW OF 90MM $(3\frac{1}{2})$ LONG NAILS FOR 140MM $(5\frac{1}{2})$ DEPTH. \cdot 2 ROWS OF 90MM ($3\frac{1}{2}$ ") LONG NAILS FOR GREATER DEPTH.
- 13. SPIKE AND GLUE BUILD-UP POSTS @22-MM $(8\frac{1}{2})$ O.C. AS PER CODE AS FOLLOWS:
- · 1 ROW FOR 38X89 (2"X4") 2 ROWS FOR LARGER SIZES
- 14. CONTINUITY OF POST MUST BE MAINTAINED TROUGH FLOORS BY SOLID BLOCKING OR POST

- 1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE SUBMITTAL OF ALL REQUIRED SHOP OR
- 2. ALL STRUCTURAL SUBMITTALS SUBMITTED FOR REVIEW MUST FIRST BE REVIEW BY AND
- STAMPED BY THE GENERAL CONTRACTOR. 3. THE FOLLOWING SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW:
 - <u>P.ENG. SEAL</u>
 - A. REINFORCING STEEL

FABRICATION DRAWINGS IN A TIMELY MANNER.

- . CONCRETE MIX DESIGN STRUCTURAL STEEL
- . SHORING OF EXISTING STRUCTURE 4. WHERE NOTED IN THE ABOVE TABLE, STRUCTURAL SUBMITTALS SHALL BEAR THE SEAL AND
- SIGNATURE OF A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO. 5. ALL STRUCTURAL SUBMITTALS WILL BE REVIEWED BY THE ARCHITECT AND THE ENGINEER SOLELY FOR THE CONFORMANCE WITH THE DESIGN INTENT AND THE CONSTRUCTION
- 6. ALL SUBMITTALS SHALL CONSIST OF ONE ELECTRONIC PDF COPY OR FOUR PRINTS. ONE COPY WILL BE RETAINED BY THE ENGINEER.



44.44352, -78.77678

ENGINEER'S SEAL:



ISSUED FOR TENDER REVISION

CONSULTANT:



PROJECT TITLE:

FENELON TOWNSHIP PUBLIC SCHOOL CAMERON, ONTARIO

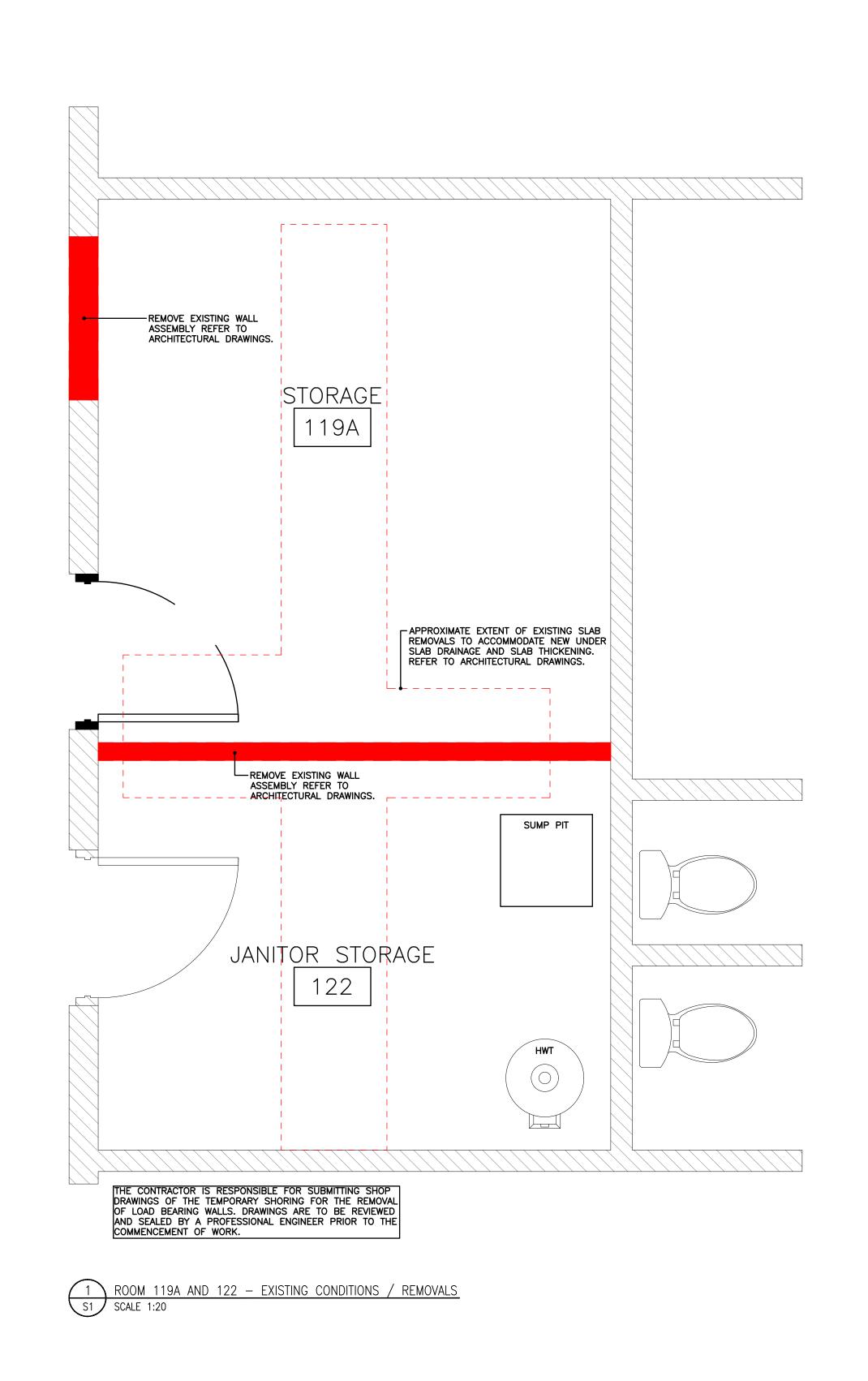
DRAWING TITLE:

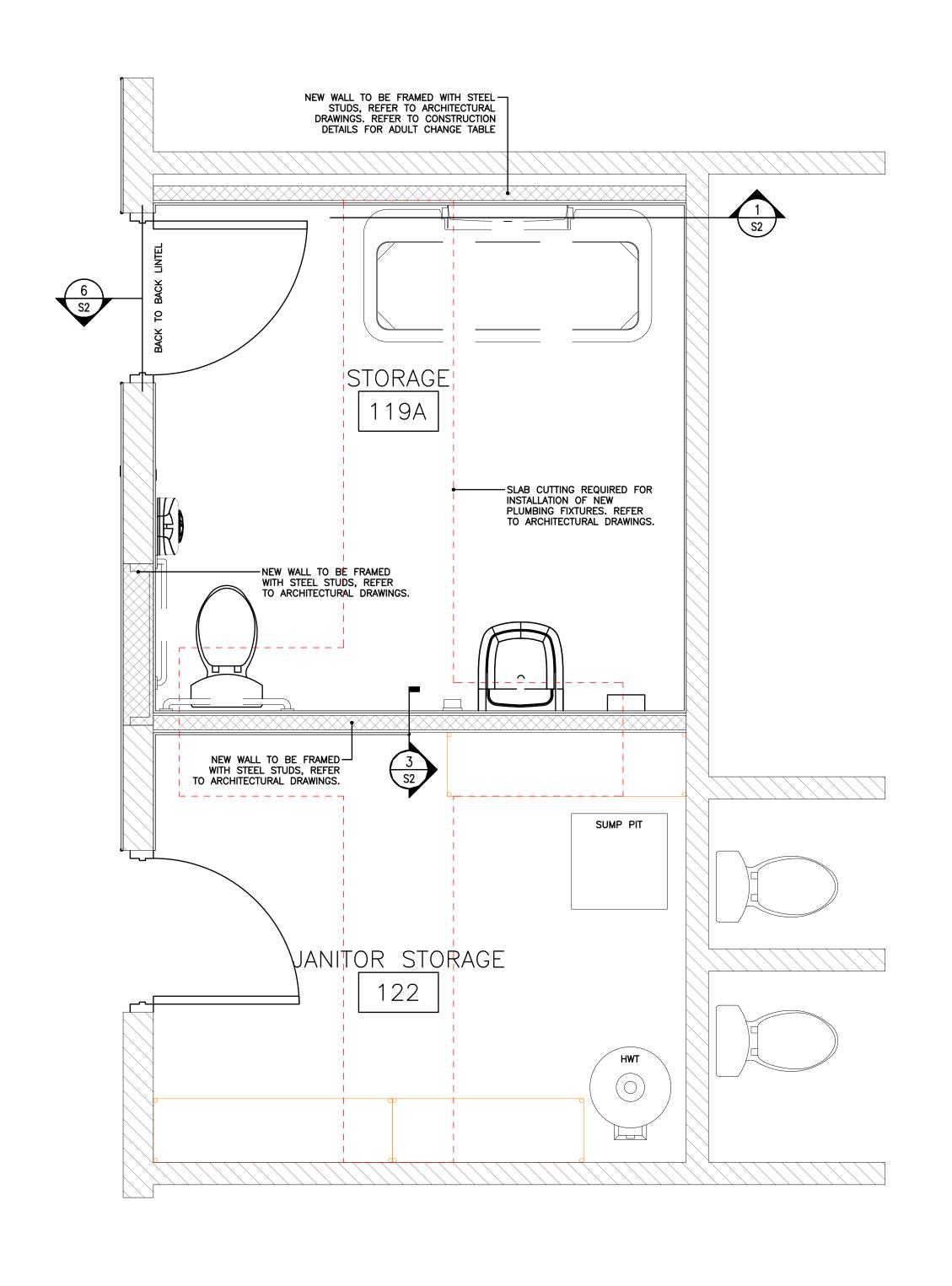
RFT B25-03 STRUCTURAL UPGRADE AND REPAIRS GENERAL NOTES

DRAWN | DESIGNED | CHECKED | APPROVED AS NOTED 2025/03/21 SCALE DATE

PROJECT No. REVISION

DRAWING

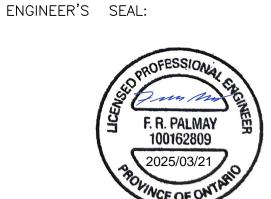




2 ROOM 119A AND 122 - PROPOSED PLAN S1 SCALE 1:20 KEY PLAN



44.44352, -78.77678



			_	
2025/03/21	0	ISSUED FOR TENDER	HD	FP
DATE (day/mth/yr.)	REV.	REVISION	BY	APP'[
OL IENIT				

CLIENT:



CONSULTANT:

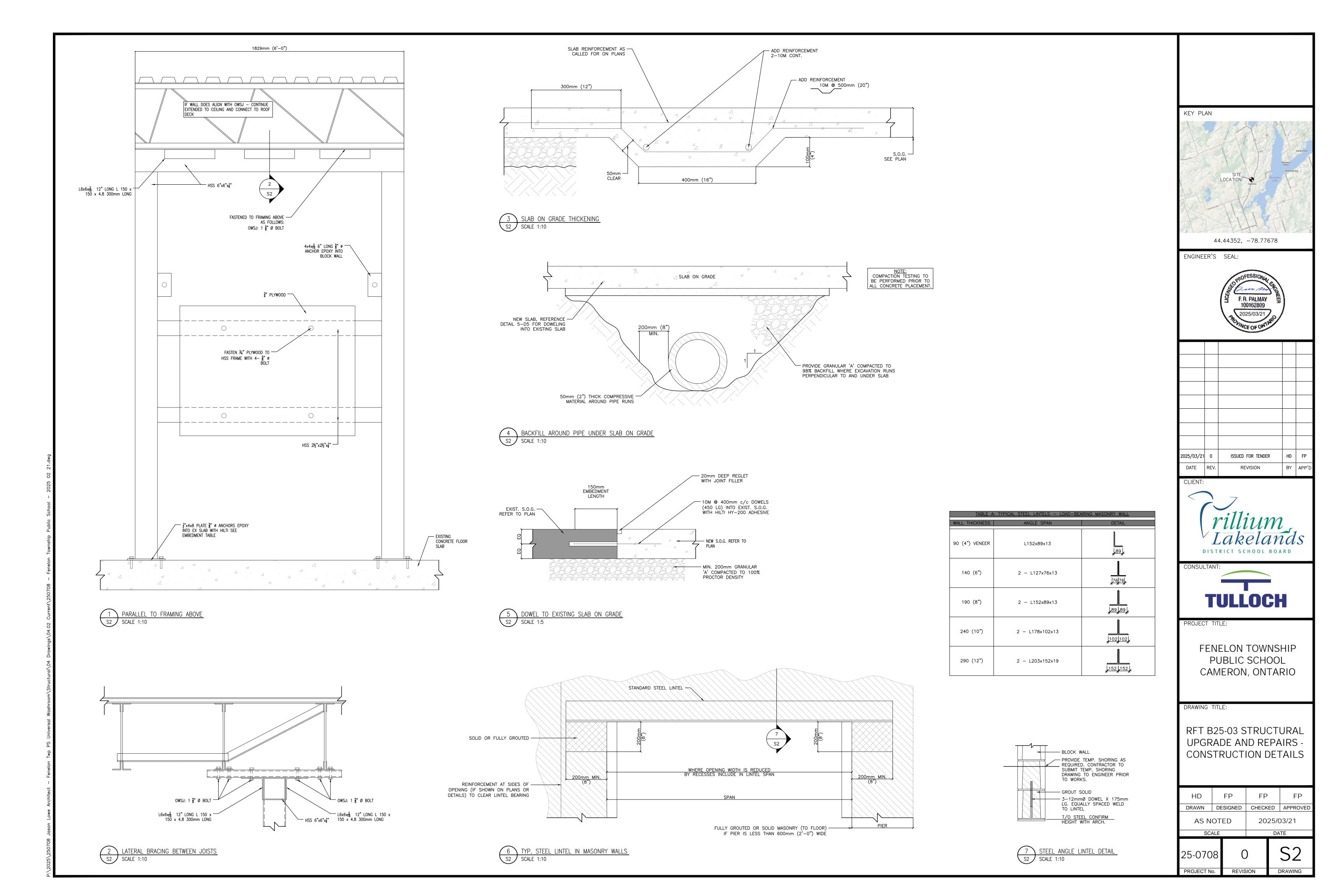
PROJECT TITLE:

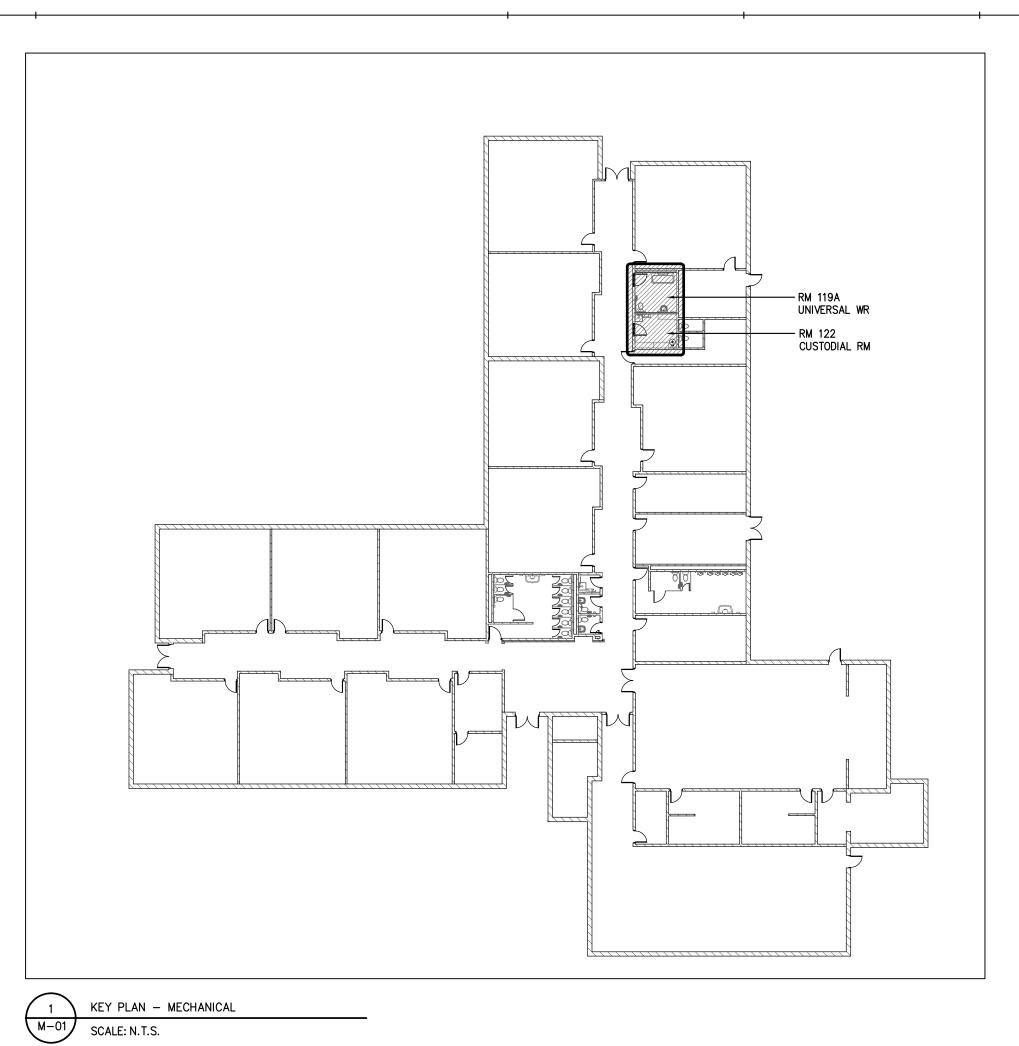
FENELON TOWNSHIP PUBLIC SCHOOL CAMERON, ONTARIO

DRAWING TITLE:

RFT B25-03 STRUCTURAL UPGRADE AND REPAIRS -ROOM 119A AND 122

HD		FP	FP		FP		
DRAWN	DE	SIGNED	CHECK	ED	APPROVED		
1::	20		2025/03/21				
SCA	ALE		DATE				
25-070	8	C)		S1		
PROJECT No	ο.	REVIS	SION		DRAWING		





PLUMBING FIXTURE SPECIFICATION

'T-1', FLOOR MOUNTED TOILET - BARRIER FREE -TANK TYPE - ELONGATED BOW

AMERICAN STANDARD CADET PRO COMPACT RIGHT HEIGHT ELONGATED #215FA.104 TOILET, 3517F.101, 4188B.104, 419 MM HIGH, FEATURES THE CADET®FLUSHING SYSTEM, VITREOUS CHINA, SPACE SAVING ELONGATED BOWL FITS IN SPACE OF A ROUND FRONT, HIGH EFFICIENCY TOILET (HET), ULTRA-LOW CONSUMPTION (4.8 LPF/1.28 GPF), UTILIZES 20% LESS INCLUDES EZ-INSTALL TOOLS W/COLOR MATCH BOWL CAPS, EVERCLEAN® SURFACE INCLUDED, 75MM FLUSH VALVE, FULLY-GLAZED 54MM TRAPWAY, 420MM RIM HEIGHT FOR ACCESSIBLE APPLICATIONS, 305MM ROUGH-IN, GENEROUS 229MM X 203MM WATER SURFACE AREA, CHROME FINISH TRIP LEVER IS SUPPLIED, 1,000G MAP SCORE** AT 4.8 LPF. NOMINAL DIMENSIONS: $719 \times 460 \times 771MM (28-5/16" \times 18-1/8" \times 30-3/8")$. CENTOCO #820STS.001 TOILET SEAT, EXTRA HEAVY DUTY, FOR ELONGATED BOWL, OPEN FRONT, SOLID PLASTIC, STAINLESS STEEL CHECK HINGES, METAL 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.

'L-1', BARRIER FREE - 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 FAUCET: MOEN MODEL: CA8302

ONE PIECE, CAST BRASS CONSTRUCTION ABOVE-DECK WITH VARIOUS FINISHED IDENTIFIED BY SUFFIX. 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. 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 140MM; 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 GÁ. (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.

'MS-1', SERVICE / MOP SINK - TWO HANDLES FAUCET

STERN WILLIAMS #SB-900 SQUARE SERVICE / MOP SINK, 610 MM (24") WIDE X 610 MM (24") LONG X 305 MM (12") HIGH DEEP, FLOOR MOUNTED, TERRAZZO COMPOSED OF PEARL GRAY MARBLE CHIPS AND PORTLAND CEMENT GROUND SMOOTH, SEALED TO RESIST STAIN FINISH, ONE PIECE STAINLESS STEEL CAST INTEGRAL ON ALL SIDES, WITHOUT TILING FLANGE, CAST BRASS DRAIN WITH STAINLESS STEEL STRAINER, 3"(75 MM) OUTLET. COMPLETE WITH DRAIN GASKET.

CHICAGO FAUCETS #897-RCF WALL MOUNTED TWO HANDLES FAUCET, ROUGH CHROME FINISH, SOLID BRASS EXPOSED BODY, CERAMIC 1/4 TURN OPERATING CARTRIDGE, UNRESTRICTED HOSE END OUTLET, 203 MM (8") PROJECTION SPOUT WITH ATMOSPHERIC VACUUM BREAKER AND BUCKET HOOK, 60 MM (2-3/8") METAL VANDAL PROOF LEVER HANDLES WITH BLUE AND RED INDEX BUTTONS, WALL BRACE SUPPORT. STERN WILLIAMS T-35 HOSE AND WALL HOOK 36" (914 MM) LONG HOSE WITH 3/4" (19 MM) CHROME COUPLING, STAINLESS STEEL WALL BRACKET. STERN WILLIAMS #T-40 MOP HANGER, STAINLESS STEEL #4 FINISH, 24" (610 MM) LONG WITH 3 RUBBER SPRING LOADED CLIPS. STERN WILLIAMS BP BACK SPLASH PANEL 20 GA. (0.9 MM) TYPE 304 STAINLESS STEEL PROVIDE P-TRAP, SAME MATERIAL AS THE CONNECTING PIPE DRAIN.

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

WATTS #FD-100-C-L5-1-6-7 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 -L5-1 127 MM X 127 MM NICKEL BRONZE, HEAVY DUTY, SQUARE STRAINER.

WATTS #CO-200-S CLEANOUT - EPOXY COATED, CAST IRON BODY, 130 MM SQUARE ADJUSTABLE GASKETED HEAVY DUTY NICKEL BRONZE TOP, ABS PLUG WITH NEOPRENE GASKET, VANDAL PROOF, NO HUB OUTLET.

'HB-1', HOSE BIBB

ZURNZ1341XL - EXPOSED, LEAD-FREE, ANTI-SIPHON, MODERATE CLIMATE WALL HYDRANT FOR RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS. HYDRANT FEATURES Z1399-VB EXTERNAL VACUUM BREAKER WITH 19MM MALE HOSE CONNECTION, BRONZE AND STAINLESS STEEL INTERIOR COMPONENTS, VANDAL RESISTANT OPERATING STEM, AND SECURED WHEEL-TYPE HANDLE. HYDRANT IS FINISHED WITH ROUGH BRONZE EXTERIOR WITH A CHOICE OF FIVE DIFFERENT INLET CONNECTION OPTIONS AND INCLUDES AN OPTIONAL LOOSE KEY.

THERMOSTATIC MIXING VALVE - FOR EYE WASH MODEL 9201EW AXION®EMERGENCY TEMPERING VALVE THERMOSTATICALLY MIXES HOT AND COLD WATER TO PROVIDE A SAFE FLUID SUPPLY FOR A SINGLE EMERGENCY EYE/FACE WASH, WITH A FLOW RATE OF 10 GPM. MODEL 7360BT—7460BT WALL MOUNTED EYE/FACE WASH SHALL INCLUDE A STAINLESS STEEL 11" (27.9 CM) ROUND BOWL, AN AXION®MSR EYE/FACE WASH HEAD SHALL FEATURE INVERTED DIRECTIONAL LAMINAR FLOW WHICH ACHIEVES ZERO VERTICAL VELOCITY SUPPLIED BY AN INTEGRAL 3.7 GPM FLOW CONTROL, CHROME—PLATED BRASS STAY—OPEN BALL VALVE EQUIPPED WITH STAINLESS STEEL BALL AND STEM, AND CHROME—PLATED BRASS IN—LINE 50 X 50 MESH WATER STRAINER. UNIT SHALL ALSO INCLUDE CAST—ALUMINUM CHROMATE PROTECTED WALL BRACKET, DRAIN TRAP AND TAILPIECE, YELLOW PLASTIC POP-OFF DUST COVER FOR EYEWASH HEAD, TAILPIECE AND TRAP, UNIVERSAL SIGN, 1/2" NPT INLET, AND 1-1/2" NPT WASTE.

	FAN SCHEDULE												
UNIT	UNIT MAKE MODEL NO.		LOCATION	SERVICE	FAN FLOW ESP MOTOR						WEIGHT	T CONTROL	REMARK
No.	MAKE	MODEL 110.	2007111011		RATE (L/S)	(PA)	TYPE	RPM	TOR WATT	V/PH/HZ	(KG)		
EF-1	GREENHECK	CSP-B110	UNIVERSAL WR #119A	UNIVERSAL WR #119A	45	0.5	CEILING MOUNTED	950	80W	115/1/60	5	LIGHTING SWITCH	NOTE.1,2
EF-2	GREENHECK	CSP-B110	CUSTODIAL #122	CUSTODIAL #122	45	0.5	CEILING MOUNTED	950	80W	115/1/60	5	LIGHTING SWITCH	NOTE.1,2
NOTES	S: 1. MANUA	L SWITCH, LI	GHTING SWITCH SU	PPLIED AND INSTA	ALLED BY FLEC	CTRICAL	DIVISION.						

	GRILLE & DIFFUSER SCHEDULE											
REF. LETTER	TYPE	MAKE/MODEL	DAMPER	FINISH	REMARKS							
Α	DIFFUSER	PRICE SCDA-FR	N	SHALL BE APPROVED BY THE ARCHITECT	ALUMINIUM LOUVER FACE GRILLE							
В	RETURN AIR GRILLE	GRILLE: 600FR	N	SHALL BE APPROVED BY THE ARCHITECT	ALUMINIUM LOUVER FACE GRILLE							

	BACKFLOW PREVENTER SCHEDULE									
TAG	NAME	MAKE/MODEL	SIZE	REMARKS						
BFP-1	REDUCED PRESSURE ZONE ASSEMBLY	WATTS LF009	20ø	C/W STRAINER AND AIR GAP						
BFP-2	REDUCED PRESSURE ZONE ASSEMBLY	WATTS LF009	20ø	C/W STRAINER AND AIR GAP						

ELECTRIC HOT WATER HEATER SCHEDULE											
UNIT NO.	MANUFACTURER	MODEL NO.	LOCATION	SERVICE	STOR. CAP. (L)	HTG ELEC (KW)	V/PH/HZ	HEIGHT (MM)	DIAMETER (MM)	WEIGHT (KG)	ACCESSORIES
HWT-1	SPACESAVER	SS640SDE3-30X	CUSTODIAL #122	DOMESTIC HOT WATER	152	3	208/1/60	127	51	200	_

EXPANSION TANK SCHEDULE											
SYMBOL	MFGR.	MODEL	SYSTEM	TEMP. (MAX.) (℃)	MAX. PRESSURE (GAUGE) (kPa)	HEIGHT (mm)	DIA. (mm)	TANK VOLLUME (L)	MAX. ACCEPTABLE FACTOR	WEIGHT (KG)	REMARKS
ET-1	AMTROL	ST-5C-DD	DHW	93	1034	356	203	8	0.45	20	NOTE 1 ,2

	PLUMBING FIXTURE SCHEDULE											
TYPE	FIXTURE	D.H.W.	D.C.W.	VENT	SANITARY	NOTES						
T-1	TOILET	_	15ø	38ø	75ø	FLOOR MOUNTED, FLUSH TANK, BARRIER FREE						
MS-1	MOP SINK	19ø	19ø	38ø	75ø							
L-1	LAVATORY	13ø	13ø	38ø	38ø	C/W MIXING VALVE, BARRIER FREE						

AIR FLOW TEST

2. C/W GRAVITY/BACKDRAFT DAMPER.

ALL EXISTING AIR FLOW RATE AND DUCT SIZE INDICATED ON THIS DRAWING BASED ON BASE BLDG. MECHANICAL SYSTEM DRAWING FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY EXACT LAYOUTS AND

SIZES ON SITE. WITHIN WORKING AREA, PRIOR TO CONSTRUCTION, PERFORM AIR FLOW TEST OF ALL EXISTING HVAC SYSTEMS INCLUDING HVAC UNITS AND DUCT SYSTEMS, SUPPLY, RETURN AND EXHAUST AIR FLOW OF DUCT AND DIFFUSERS/GRILLES, OUTDOOR AIR FLOW, EXTERNAL STATIC PRESSURE OF UNITS. THE REPORT SHALL CONTAIN AIR FLOW AND EXTERNAL STATIC PRESSURE OF HVAC UNIT, ELECTRICAL POWER AND STARTER OF HVAC UNIT. THE REPORT SHALL ALSO CONTAIN AIR FLOW OF DIFFUSERS, GRILLS AND DUCT SYSTEMS. SUBMIT EXISTING AIR FLOW TEST REPORT AND EXISTING MECHANICAL DRAWINGS SHOWING AIR FLOW RATE, DUCT LAYOUT AND SIZE, DIFFUSER/GRILLE LAYOUT AND SIZE.

INSPECT CONDITION OF BALANCING DAMPERS AND FIRE DAMPERS. PERFORM POST CONSTRUCTION AIR FLOW TEST AND SUBMIT REPORT.

DRAINAGE SYSTEM WORK NOTES:

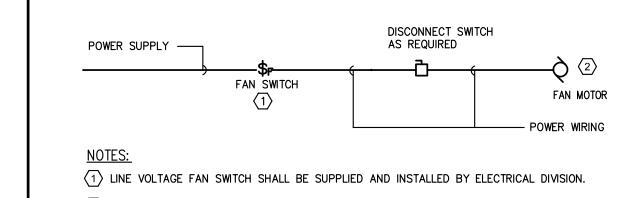
- AFTER CONSTRUCTION, PERFORM EXISTING BURIED DRAINAGE LINE CAMERA TEST AND SUBMIT VIDEO & WRITTEN REPORT. PERFORM UNDERGROUND DRAINAGE LINE CLEANING. EXAMINE AND REPLACE ALL EXISTING DAMAGED VENTS WITHIN THE
- SUIT NEW PROPOSED LAYOUT AND AS PER O.B.C. REQUIREMENT. WHEN UNDERGROUND FLOOR SANITARY LINE ROUGH-IN LAYOUT HAVE BEEN COMPLETE AND PRIOR TO POURING CONCRETE FLOOR, CONTRACTOR SHALL INFORM CONSULTANT FOR INSPECTION OF ROUGH-IN AND ELEVATION OF PIPE LAYOUT.

PROJECT WORKING AREA. MODIFY THE EXISTING VENTING SYSTEM TO

EXAMINE AND REPLACE ALL EXISTING ABOVE GROUND DAMAGED DCW & DHW LINES AND VALVES WITHIN THE PROJECT WORKING AREA.

DUCT WORK CLEANING

CLEAN ENTIRE DUCTWORK SYSTEMS SERVING SCOPE AREAS INCLUDING ALL ASSOCIATED DUCTWORK, DIFFUSERS AND GRILLES SERVING OTHER ROOMS.

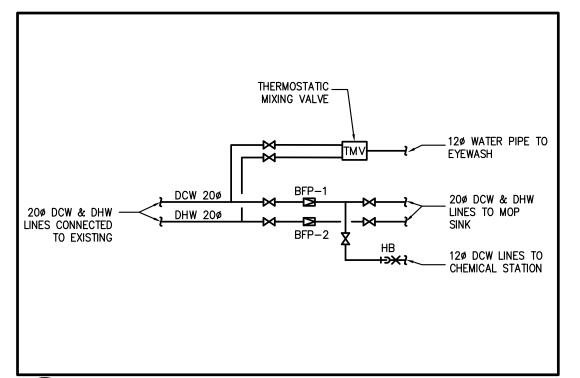


 $\langle 2 \rangle$ FAN MOTOR, MOTORIZED DAMPER (MD) AND CONTROLS SHALL BE PROVIDED BY MECHANICAL

TYPICAL DIAGRAM FOR LOCAL FAN SWITCH CONTROL DEVICES

REDUCED PRESSURE ZON ASSEMBLY PRESSURE PRESSURE GAUGE GAUGE -PLASTIC FUNNEL STRAINER — UNDER VENT PIPE SHUT-OFF VALVE TO FLOOR DRAIN

BACKFLOW PREVENTER DETAIL SCALE: N.T.S.



4 \ MOP SINK, EYEWASH & CHEMICAL STATION CONNECTION

M-01 SCALE: N.T.S

SCALE: N.T.S.

	MECHANICAL DRAWING LIST
DWG. NO.	DRAWING TITLE
M-01	LEGEND, DRAWING LIST, SCHEDULES & DETAILS - MECHANICAL
M-11	HVAC, PLUMBING & DRAINAGE LAYOUTS - MECHANICAL

HVAC LEGEND		
SYMBOL	DESCRIPTION	
	DUCTWORK (DOUBLE LINE)	
	DUCTWORK (SINGLE LINE)	
① п	THERMOSTAT	
BD FBD	BALANCING DAMPER	
FD FD	FIRE DAMPER	
MD PMD	MOTORIZED DAMPER	
\boxtimes	SQUARE SUPPLY AIR DIFFUSER	
	RETURN OR EXHAUST AIR GRILLE	
0	ROUND SUPPLY AIR DIFFUSER	
\$	MANUAL SWITCH	
DG I	DOOR 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)	
	DOMESTIC HOT WATER RECIRCULATION (DHWR)	
v	SANITARY VENT	
	BURIED SANITARY DRAIN OR IN CEILING SPACE/FLOOR BELOW	
	SUSPENDED SANITARY DRAIN	
——STM——	BURIED STORM DRAIN OR IN CEILING SPACE/FLOOR BELOW	
——- STM——	SUSPENDED STORM DRAIN	
	CLEANOUT PLUG	
p CO	FLOOR CLEANOUT	
── ₩ ─	VALVE SHUT-OFF	
——BFP——	BACKFLOW PREVENTOR	
⊖ FD ⊜ FD	FLOOR DRAIN	
⊜ HD ⊟ HD	HUB DRAIN	
→	ELBOW, TURNED DOWN AND TURNED UP	
 3	CAPPED CONNECTION	
	BRANCH — TOP CONNECTION	
	BRANCH - BOTTOM CONNECTION	
	PIPE CUT	
	PIPE DOWN	
	PIPE UP	
	SANITARY ROUGH-IN	

ABBREVIATIONS		
ABBREV. DESCRIPTION		
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	
\times	EXISTING SERVICES OR EQUIPMENTS TO BE REMOVED	

r-I√I∕W------ DCW

RELIEF

HWT-1

VALVE

(TYP.)

SCALE: N.T.S.

ELECTRIC HOT WATER TANK SCHEMATIC

VALE



20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

Fenelon Township Public School Washroom Renewal RFT B25-03

> 50 Cameron Rd, Cameron, ON, K0M 1G0

TENDER and **BUILDING PERMIT**

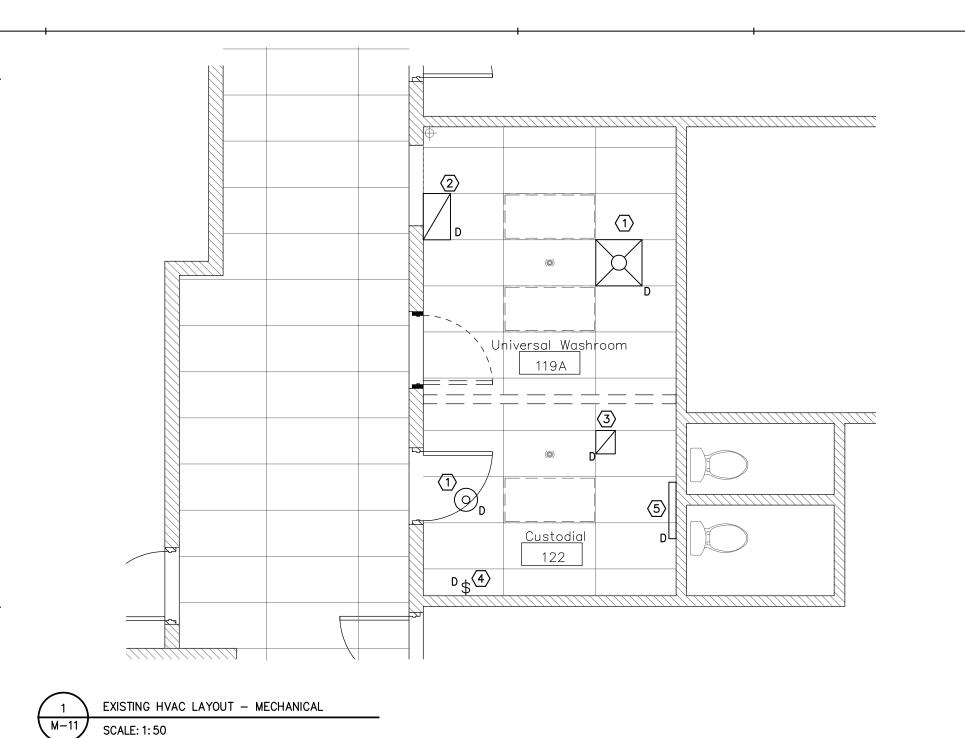




DATE:	FEB. 2025
PROJECT NO:	25004B
SCALE:	1:100
DRAWN:	RC
CHECKED:	MY
	Revisions
1. ISSUED FOR REVIEW	2025-03-03
	2025-03-21

LEGEND, **DRAWING LIST,** KEY PLAN, **DETAILS & SCHEDULES -MECHANICAL**

-100MM HIGH CONCRETE HOUSEKEEPING PAD



GENERAL NOTES:

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING SHALL BE EXISTING UNLESS OTHERWISE NOTED.
- 2. ALL EXISTING MECHANICAL SERVICE/EQUIPMENT TO REMAIN UNLESS INDICATED OTHERWISE.
- 3. ALL EXISTING AIR FLOW RATE AND DUCT SIZE INDICATED ON THIS DRAWING BASED ON BASE BLDG. EXISTING MECHANICAL SYSTEM DRAWING FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY EXACT
- CONTRACTOR TO EXAMINE AND VERIFY EXISTING MECHANICAL SYSTEM CONDITIONS AND LOCATIONS ON SITE.

DRAWING NOTES:

GENERAL NOTES:

INDICATED OTHERWISE.

RETURNED TO OWNER.

EXISTING CONDITION.

DRAWING NOTES:

(1) EXISTING DCW LINE TO REMAIN.

(2) EXISTING DHW LINE TO REMAIN.

4 EXISTING HWT TO BE REMOVED.

(3) EXISTING DCW & DHW LINES TO BE REMOVED.

(1) EXISTING DIFFUSER TO BE REMOVED.

LAYOUTS AND SIZES ON SITE.

- (2) EXISTING GRILLE TO BE REMOVED.
- $\langle 3 \rangle$ EXISTING EXHAUST FAN TO BE REMOVED.
- $\langle 4 \rangle$ EXISTING CONTROL TO THE EXISTING EXHAUST FAN TO BE REMOVED.

ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING

ALL EXISTING MECHANICAL SERVICE/EQUIPMENT TO REMAIN UNLESS

LAYOUT AND SIZE OF EXISTING PIPING SHOWN ON DRAWING ARE BASED ON BASE BUILDING DRAWING FOR REFERENCE ONLY. CONTRACTOR SHALL EXAMINE AND VERIFY EXISTING MECHANICAL

RELOCATE ALL EXISTING ACCESS PANELS WHERE AFFECTED BY THE

CONTRACTOR SHALL VERIFY ON SITE EXACT LOCATION AND INVERT

TO ENSURE THAT SAN. LINE MEETS SLOPE AND INVERT PRIOR TO

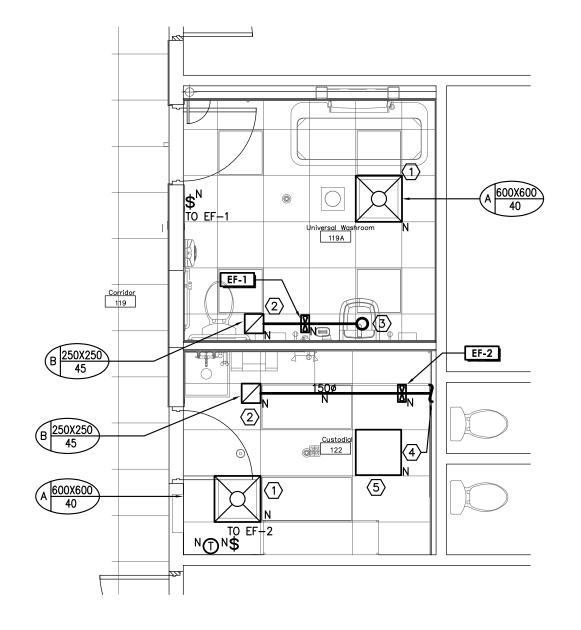
SYSTEM CONDITIONS AND LOCATIONS, INVERTS ON SITE.

5. ALL REMOVED FLUSH VALVES AND WASHFOUNTAINS SHALL BE

CONSTRUCTION. SCAN SLAB TO VERIFY EXISTING SAN. PIPE UNDERGROUND CUT, PATCH AND REPAIR FLOOR SLAB TO MATCH

SHALL BE EXISTING UNLESS OTHERWISE NOTED.

(5) EXISTING BASEBOARD HEATER TO BE REMOVED.



PROPOSED HVAC LAYOUT - MECHANICAL

EX DCW LINE-

20ø DCW LINE-

DN TO MOP

SINK, EW-1

PROPOSED PLUMBING LAYOUT - MECHANICAL

SCALE: 1: 50

CONNECT NEW 20ø-

DCW LINES TO

SCALE: 1: 50

EXISTING IN CORRIDOR CEILING

GENERAL NOTES:

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING SHALL BE NEW UNLESS OTHERWISE NOTED.
- TEMPERATURE SENSORS SHALL BE NOMINALLY 1200MM (48 IN.) ABOVE THE FINISHED FLOOR UNLESS INDICATED OTHERWISE.
- DIFFUSER DUCT RUN-OUTS SHALL BE THE SAME SIZE AS THE DIFFUSER
- 4. RE-BALANCE AIR FLOW AS SHOWN ON DRAWING.

INLETS UNLESS INDICATED OTHERWISE.

- COORDINATE ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATIONS OF GRILLES AND DIFFUSERS.
- CONTRACTOR TO VERIFY EXISTING FIRE DAMPER LOCATIONS WITHIN SCOPE AREA. PROVIDE FIRE DAMPERS ON EXISTING DUCTS WHERE DUCTS PENETRATE FIRE SEPARATIONS WHEN REQUIRED.

DRAWING NOTES:

- 1) PROVIDE NEW FIRE RATED DIFFUSER. MODIFY EXISTING DUCT TO SUIT NEW DIFFUSER.
- 2 PROVIDE NEW FIRE RATED GRILLE.
- (3) 1500 EXHAUST AIR DUCT UP THROUGH ROOF C/W GOOSENECK.
- (4) CONNECT NEW 1500 EXHAUST DUCT TO EXISTING. MODIFY EXISTING EXHAUST DUCT TO SUIT NEW FAN.
- (5) PROVIDE ELEC. CEILING HEATING PANEL. 375W, BY ELEC. DIV.

GENERAL NOTES:

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING
- 2. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL
- PROVIDE ISOLATING BALL VALVES ON MAIN AND/OR BRANCH LINES AND FOR ALL EQUIPMENT SERVED WITH HOT AND COLD WATER LINES.
- PROVIDE COMPLETE SANITARY VENT CONNECTION TO EXISTING VENT
- 6. ALL SANITARY DRAINAGE BELOW GRADE SHALL BE MINIMUM 75Ø
- ALL NEW FLOOR DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP PRIMERS. CONTRACTOR TO VERIFY EXISTING TRAP PRIMER WHEN FLOOR
- TO SUIT NEW TANK.
- (2) NEW EYEWASH EW-1, CHEMICAL DISPENSER ARE PROVIDED BY TLDSB.
- PROVIDE NEW DCW & DHW LINES TO BE CONNECTED TO EXISTING IN CEILING, MODIFY EXISTING LINES TO SUIT NEW.

- SHALL BE NEW UNLESS OTHERWISE NOTED.
- BE MINIMUM 200 UNLESS INDICATED OTHERWISE.
- ALL VALVES SHALL BE SUITABLE FOR THE OPERATING PRESSURE OF THE SYSTEM IN WHICH THEY ARE INSTALLED.
- PROVIDE INSULATION FOR ALL COLD & HOT WATER PIPING C/W PVC
- PIPES COMPLY WITH OBC REQUIREMENT.
- UNLESS INDICATED OTHERWISE.
- DRAIN IS REPLACED. PROVIDE NEW TRAP PRIMER WHEN REQUIRED.

DRAWING NOTES:

1 PROVIDE NEW HOT WATER TANK. MODIFY EXISTING DCW & DHW LINES

(3) PROVIDE BALL VALVE ON DCW & DHW LINES.

PROJECT NO: 25004B SCALE: 1:50 DRAWN: CHECKED: MY

HL ENGINEERING LTD

7725 BIRCHMOUNT RD, UNIT 46, MARKHAM,
ON L3R 9X3 905-713-0003 www.hlengineering.ca

JASON LOWE **ARCHITECT**

20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

Fenelon Township

Public School

Washroom

RFT B25-03

50 Cameron Rd,

TENDER and

BUILDING PERMIT

Cameron, ON,

K0M 1G0

FEBRUARY 2025

FEB. 2025

Revisions

2025-03-03

2025-03-21

Renewal

1. ISSUED FOR REVIEW

2. ISSUED FOR TENDER

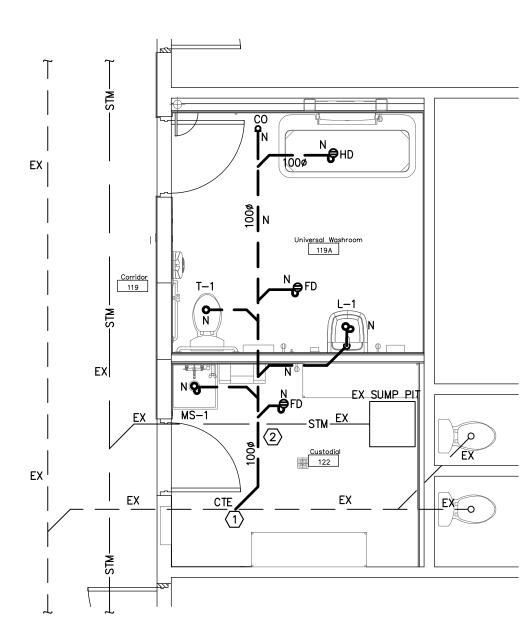
GENERAL NOTES

- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING
- ALL EXISTING MECHANICAL SERVICE/EQUIPMENT TO REMAIN UNLESS
- BASED ON BASE BUILDING DRAWING FOR REFERENCE ONLY. CONTRACTOR SHALL EXAMINE AND VERIFY EXISTING MECHANICAL

SYSTEM CONDITIONS AND LOCATIONS, INVERTS ON SITE.

- RELOCATE ALL EXISTING ACCESS PANELS WHERE AFFECTED BY THE
- ALL REMOVED FLUSH VALVES AND WASHFOUNTAINS SHALL BE RETURNED TO OWNER.
- 6. CONTRACTOR SHALL VERIFY ON SITE EXACT LOCATION AND INVERT TO ENSURE THAT SAN. LINE MEETS SLOPE AND INVERT PRIOR TO CONSTRUCTION. SCAN SLAB TO VERIFY EXISTING SAN. PIPE UNDERGROUND CUT, PATCH AND REPAIR FLOOR SLAB TO MATCH EXISTING CONDITION.

- (2) EXISTING HUB DRAIN TO BE REMOVED.
- (3) EXISTING SUMP PIT OF STORM TO REMAIN.
- 4 EXISTING STORM LINE TO REMAIN.



MS-1

ET-1

GENERAL NOTES:

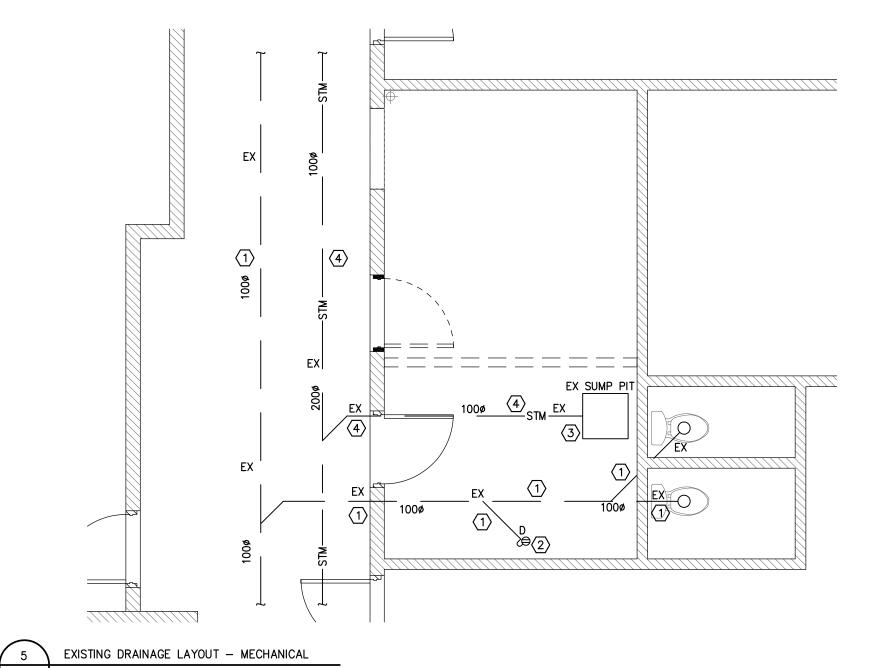
- ALL MECHANICAL SERVICE/EQUIPMENT SHOWN ON THIS DRAWING SHALL BE NEW UNLESS OTHERWISE NOTED.
- 2. ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER PIPES SHALL BE MINIMUM 200 UNLESS INDICATED OTHERWISE.
- PROVIDE ISOLATING BALL VALVES ON MAIN AND/OR BRANCH LINES AND FOR ALL EQUIPMENT SERVED WITH HOT AND COLD WATER LINES. ALL VALVES SHALL BE SUITABLE FOR THE OPERATING PRESSURE OF THE SYSTEM IN WHICH THEY ARE INSTALLED.
- PROVIDE INSULATION FOR ALL COLD & HOT WATER PIPING C/W PVC
- PROVIDE COMPLETE SANITARY VENT CONNECTION TO EXISTING VENT PIPES COMPLY WITH OBC REQUIREMENT.
- 6. ALL SANITARY DRAINAGE BELOW GRADE SHALL BE MINIMUM 75Ø UNLESS INDICATED OTHERWISE.
- ALL NEW FLOOR DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP
- PRIMERS. CONTRACTOR TO VERIFY EXISTING TRAP PRIMER WHEN FLOOR DRAIN IS REPLACED. PROVIDE NEW TRAP PRIMER WHEN REQUIRED.

DRAWING NOTES:

- (1) CONNECT NEW 1000 SAN TO EXISTING TRANSITION OF CAST IRON TO ASBESTOS CEMENT PIPE. CONTRACTOR TO VERIFY EXACT LOCATION
- 2 VERIFY EXISTING STORM PIPE LOCATION AND INVERT, RUN NEW SANITARY LINE TO AVOID EXISTING STORM LINE.

PLUMBING & DRAINAGE LAYOUTS -MECHANICAL

HVAC,



EXISTING PLUMBING LAYOUT - MECHANICAL

M-11 SCALE: 1: 50

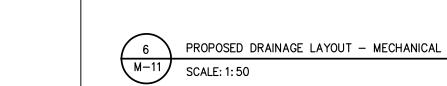
SCALE: 1: 50

SHALL BE EXISTING UNLESS OTHERWISE NOTED.

- INDICATED OTHERWISE. LAYOUT AND SIZE OF EXISTING PIPING SHOWN ON DRAWING ARE

DRAWING NOTES:

- (1) EXISTING SAN. LINE TO REMAIN.



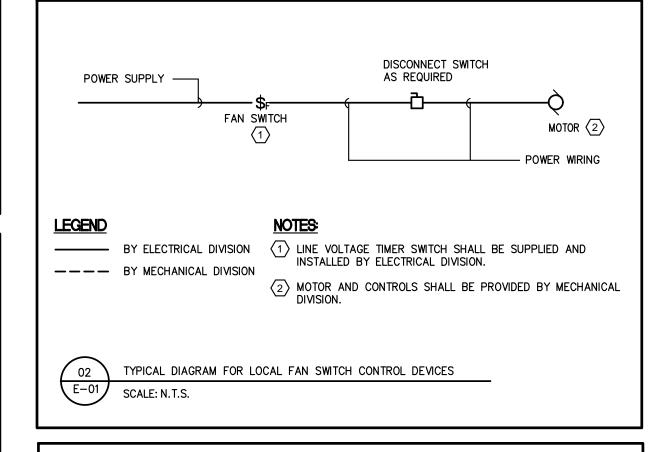
	LIGHTING SYSTEM
SYMBOL	DESCRIPTION
F1	FLUORESCENT OR LED LUMINAIRES, RECESSED IN CEILING, LETTER DENOTES FIXTURE TYPE PER SCHEDULE
F2	FLUORESCENT OR LED LUMINAIRES, SURFACE MOUNTED ON CEILING, LETTER DENOTES FIXTURE TYPE PER SCHEDULE
F3	FLUORESCENT OR LED LUMINAIRES, WALL MOUNTED, LETTER DENOTES FIXTURE TYPE PER SCHEDULE
F	FLUORESCENT OR LED STRIP LUMINAIRES, 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
\$ _F	EXHAUST FAN SWITCH (SUPPLIED AND INSTALLED BY DIV. 16)
®	CEILING MOUNTED OCCUPANCY SENSOR FOR LIGHTING CONTROL
\$os	WALL MOUNTED OCCUPANCY SENSOR SWITCH FOR LIGHT
৭ ৭১	EMERGENCY LIGHTING REMOTE HEADS, CEILING OR WALL MOUNTED, WITH DOUBLE OR SINGLE HEADS RESPECTIVELY
	EMERGENCY LIGHTING BATTERY UNIT
46	EMERGENCY LIGHTING BATTERY UNIT C/W INTEGRAL HEADS
逐域	EXIT SIGNS, SINGLE FACE OR DOUBLE FACES RESPECTIVELY, WITH DIRECTIONAL ARROWS AS SHOWN, CEILING MOUNTED
₩	EXIT SIGN, SINGLE FACE WITH DIRECTIONAL ARROWS AS SHOWN, WALL MOUNTED

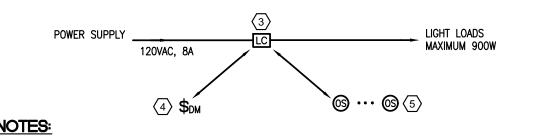
	POWER SYSTEM
	DESCRIPTION
Φ	WALL MOUNTED DUPLEX RECEPTACLE, U-GROUND, CSA 5-15R TYPE (15A, 120V) UNLESS OTHERWISE NOTED
Φ	15A, 125V DUPLEX GROUND FAULT INTERRUPTER RECEPTACLE (CSA 5-15R)
Ø Ø	RECEPTACLES AS ABOVE RESPECTIVELY, BUT MOUNTED AT 8" ABOVE COUNTER TOP, OR 42"AFF, OR AS NOTED
8	20A, 125V DUPLEX RECEPTACLE (CSA 5-20R)
2	20A, 125V DUPLEX GROUND FAULT INTERRUPTER RECEPTACLE, MOUNTED 150mm ABOVE COUNTER (CSA 5-20R)
∅	DIRECT CONNECTION TO EQUIPMENT AS NOTED.
	DIRECT CONNECTION C/W DISCONNECT SWITCH
깯	FUSED DISCONNECT SWITCH
ㅁ	UNFUSED DISCONNECT SWITCH
×	STARTER (SUPPLIED BY DIV. 15 & WIRED BY DIV. 16)
_	SURFACE MOUNTED PANEL.
HD	HAND DRYER, SUPPLIED BY OTHERS AND INSTALLED BY ELECTRICAL CONTRACTOR, 1,000W, 120V 10; MOUNTING HEIGHT: 1,100mm AFF.
Ф	CLOCK

	FIRE ALARM SYSTEM
SYMBOL	DESCRIPTION
	FIRE ALARM SMOKE DETECTOR, CEILING OR WALL MOUNTED
9	FIRE ALARM HEAT DETECTOR, COMBINATION OF FIXED TEMPERATURE 57°C (135°F) AND RATE-OF-RISE 8°C/MIN TYPE, CEILING OR WALL MOUNTED
7	FIRE ALARM HORN C/W STROBE LIGHT
ă ă	FIRE ALARM STROBE
<u> </u>	DOOR HOLDER

	COMMUNICATION SYSTEM
SYMBOL	DESCRIPTION
WAP	WIRELESS ACCESS POINT, LOCATE SINGLE GANG BOX IN CEILING SPACE, UNLESS OTHERWISE NOTED.
₽₽₽₽	CEILING OR WALL RECESSED MOUNTED SINGLE GANG BOX FOR P.A. SPEAKER. "S" DENOTES SURFACE BOX FOR PENDENT SPEAKER.
∇	DATA OUTLET, WALL MOUNTED AT A STANDARD HEIGHT UNLESS NOTED OTHERWISE
▼	TELEPHONE OUTLET, WALL MOUNTED AT A STANDARD HEIGHT UNLESS NOTED OTHERWISE
V	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

	ABBREVIATIONS
ABBREV.	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
GFI	GROUND FAULT INTERRUPTER
TR	DENOTES TAMPER-RESISTANT TYPE RECEPTACLE
NIC	NOT IN CONTRACT
WP	WEATHER PROOF
WG	(DEVICE C/W) WIRE GUARD
F/A	FIRE ALARM
HD	HAND DRYER
W	WALL MOUNTED
x 2	DENOTES PROVIDE TWO OF THE SAME DEVICE
LP1-1	AS APPLIED TO CIRCUITING, DENOTES "PANEL 'LP-1', CIRCUIT # 1"
LP	LIGHTING PANEL
PP	POWER PANEL
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 SAME LOCATION
RE	DENOTES EXISTING DEVICE(S) IN RELOCATED POSITION
N	DENOTES PROVIDE NEW DEVICE(S)
N-1	(NOTE: PROVIDE NEW DEVICE(S) IF NONE OF THE ABOVE ABBREVIATIONS ARE SHOWN SYMBOL ON DWGS)
2	DENOTES DRAWING REFERENCE NOTES # 2
1 E02	DENOTES REFER TO DETAIL #1 ON DRAWING #E-02.





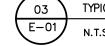
- THIS SCHEMATIC IS NOT INTENDED FOR EXACT FIELD INSTALLATION OR WIRING. SCHEMATIC SHOWS DESIGN INTENT OF SYSTEM. WIRING WILL VARY BETWEEN MANUFACTURERS.
- (2) MANUFACTURER TO PROVIDE SHOP DRAWINGS SHOWING ALL WIRING REQUIRED PRIOR TO ORDERING OF EQUIPMENT.

SENSORS. INSTALLED ON JUNCTION BOX IN CEILING SPACE MUST NOT INSIDE METAL BOX.

- LINE VOLTAGE DIMMING/CONTROL MODULE, LUTRON #POWPAK, C/W 0-10V DIMMING AND ON-OFF CONTROL, 120VAC, 8A RATED. COMMUNICATED WITH WIRELESS DIMMER AND MULTIPLE WIRELESS CEILING OCCUPANCY
- WIRELESS DIMMER, LUTRON #PICO-PJ2-2BRL-L01 SERIES. WHITE FINISH, 2 BUTTON C/W RAISE/LOWER, BUILT-IN BATTERY (10-YEAR) OPERATION, WIRELESS COMMUNICATION WITH LUTRON #PICO LINE VOLTAGE CONTROL MODULE. MOUNTED ON SINGLE GANG BOX (INCLUDING SCREW MOUNTING KIT AND ADAPTOR), OR A

SURFACE WALL MOUNTING KIT. PROVIDE STAINLESS STEEL COVER MATCHING REGULAR WALL SWITCH.

- WIRELESS CEILING OCCUPANCY SENSORS, LUTRON #LRF2-OC2B BATTERY OPERATED, PASSIVE INFRARED SENSORS, AUTO-ON/OFF, 30M2 TO 60M2 COVERAGE, 15 MINUTES OFF DELAY. WHITE FINISH, SURFACE MOUNTED ON
- T-BAR CÉILING AND DRY WALL CEILING. 6 SUPPLIER SHALL PERFORM COMMISSIONING AND INSPECTION ON ALL INSTALLED SYSTEM/DEVICES.



TYPICAL WIRELESS DIMMING/OCCUPANCY SENSOR CONTROL N.T.S.

	LUMINAIRE SCHEDULE			
TYPE	DESCRIPTION	LAMP	BALLAST	REMARKS
L2a	2° x 2° T-BAR CEILING RECESSED LED PANEL, EXTRUDED ALUMINUM HOUSING, C/W ACRYLIC LENS, WHITE FINISH. <u>C/W ONE HOUR FIRE RATED ENCLOSURE.</u> APPLICATION: CLASSROOM, CORRIDOR	24W, LED LAMP, 4000K 3000 LM	120V ELECTRONIC LED 0~10V DIMMING DRIVER	RAB DESIGN #CPL22-LED30 SERIES OR APPROVED EQUAL
L3a	2' x 4' T-BAR CEILING RECESSED LED PANEL, EXTRUDED ALUMINUM HOUSING, C/W ACRYLIC LENS, WHITE FINISH. <u>C/W ONE HOUR FIRE RATED ENCLOSURE.</u> APPLICATION: CLASSROOM, CORRIDOR	45W, LED LAMP, 4000K 5600 LM	120V ELECTRONIC LED 0~10V DIMMING DRIVER	RAB DESIGN #CPL24-LED45 SERIES OR APPROVED EQUAL
E2	EMERGENCY REMOTE LIGHT, C/W ONE(1) OR TWO(2) 6W LED HEADS, CEILING OR WALL SURFACE MOUNTED, 12VDC, WHITE FINISH.	2 X 6W LED		EMERGI-LITE #EF40 SERIES OR APPROVED EQUAL.
E3	EMERGENCY LIGHTING BATTERY UNIT, 1/2HR BATTERY, WALL MOUNTED, C/W ONE(1) OR TWO(2) 6W LED HEADS, 12VDC/120VAC, WHITE FINISH.	2 X 6W LED		EMERGI-LITE #ESL SERIES OR APPROVED EQUAL.

	DRAWING LIST
DWG. NO.	DRAWING TITLE
E-01	LEGEND, KEY PLAN AND DETAILS — ELECTRICAL
E-02	ELECTRICAL LAYOUTS, PANEL SCHEDULE & DETAILS

01 KEY PLAN - ELECTRICAL E-01 SCALE: N.T.S.

LIGHTING CONTROL RELAY/MODULE

CONTRACTOR SHALL MARK ON AS-BUILT DRAWINGS OF ALL LIGHTING CONTROL RELAYS/MODULES LOCATION. IN T-BAR OR DRY WALL CEILING SPACES, UNDER OPENING CEILINGS, AND/OR ON WALLS.



Fenelon Township Public School Washroom Renewal RFT B25-03

> 50 Cameron Rd, Cameron, ON, K0M 1G0

TENDER and **BUILDING PERMIT**



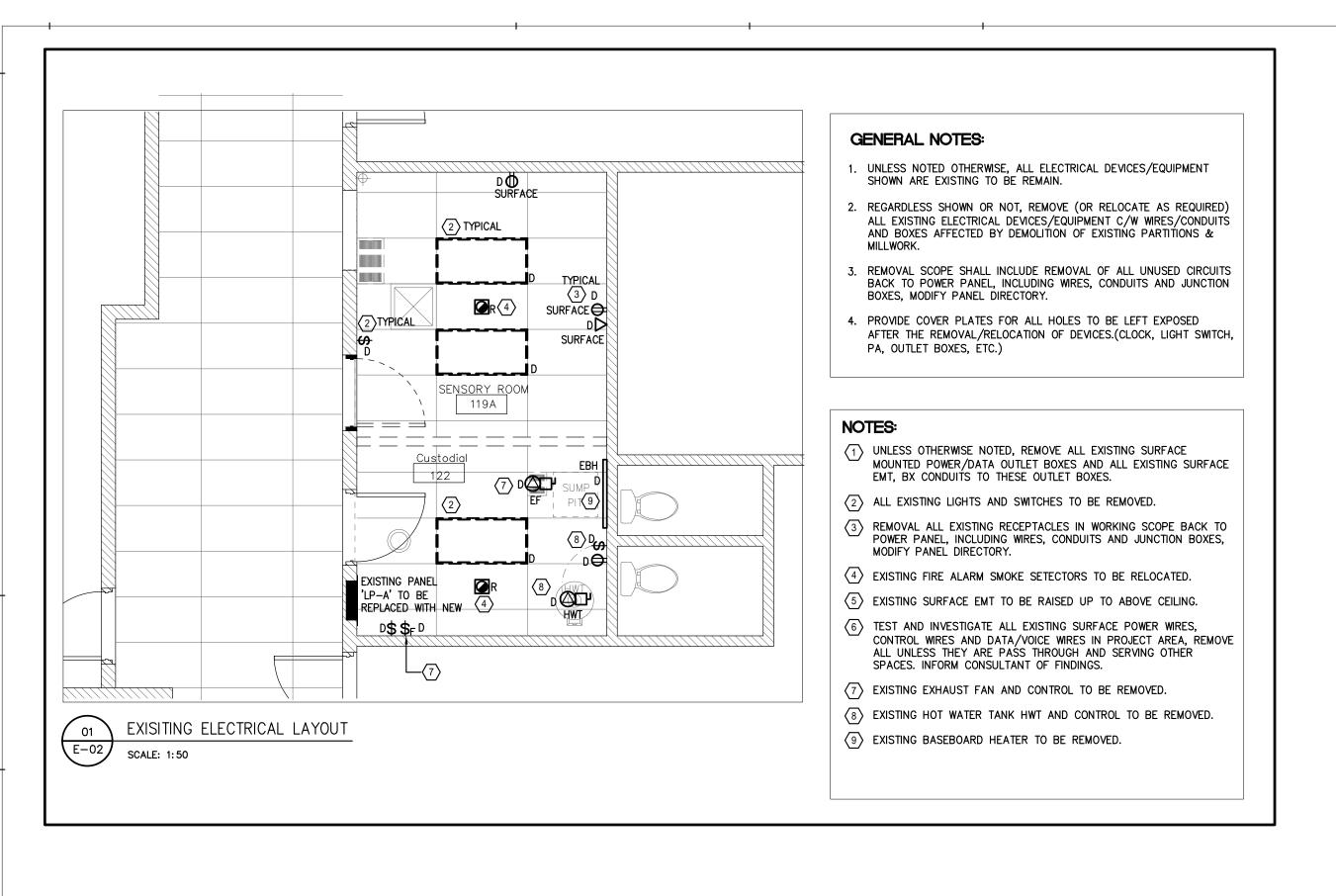


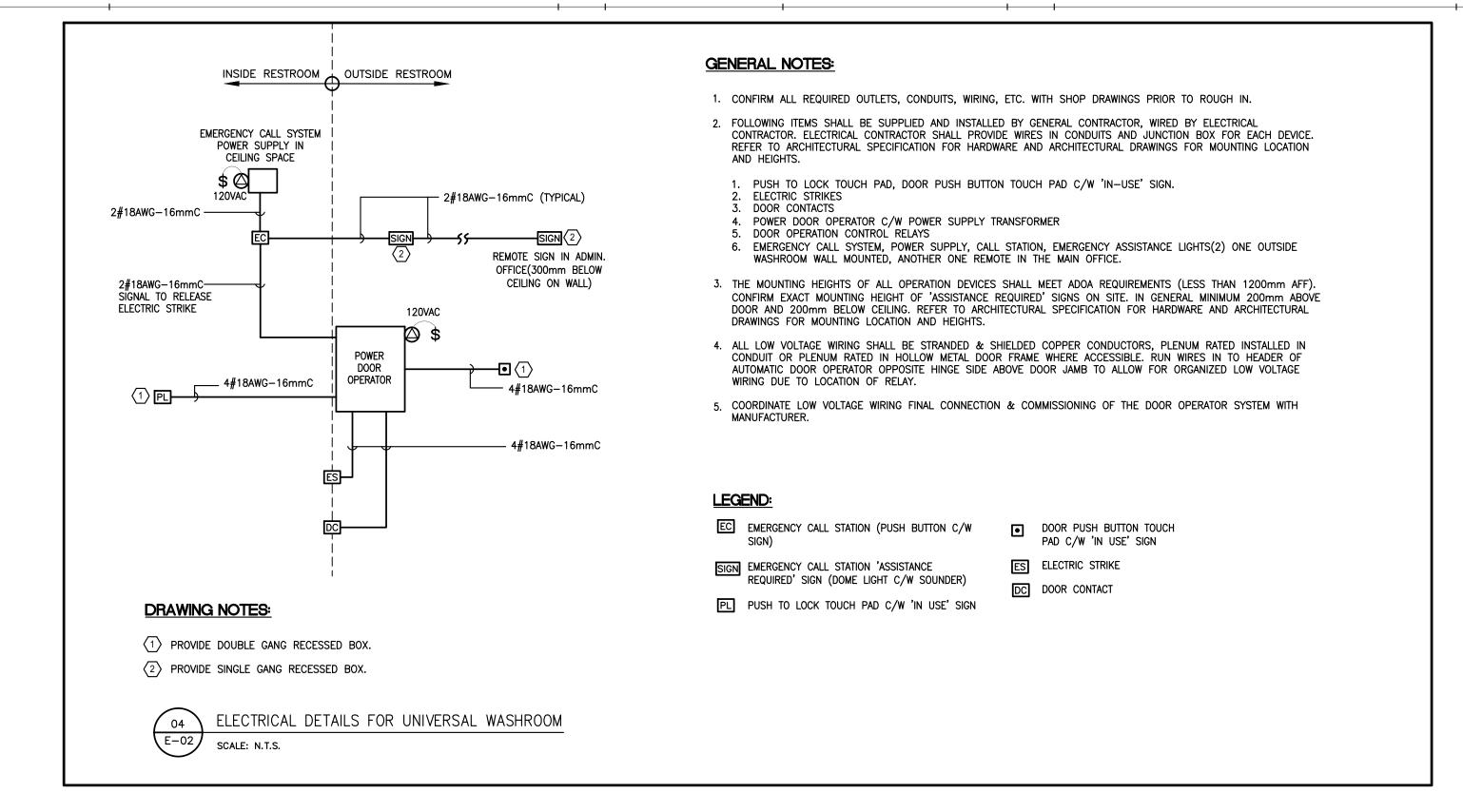
DATE:	FEB. 2025
PROJECT NO:	25004B
SCALE:	N.T.S.
DRAWN:	MC
CHECKED:	FRL
	Revisions
. ISSUED FOR REVIEW	2025-03-03

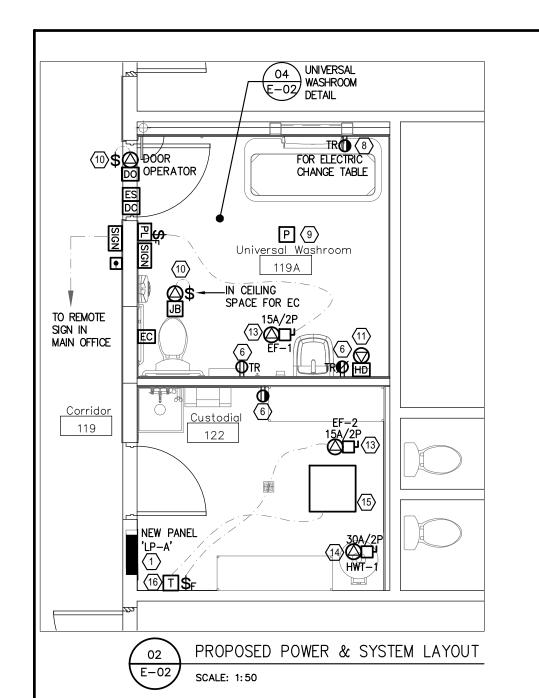
2025-03-21

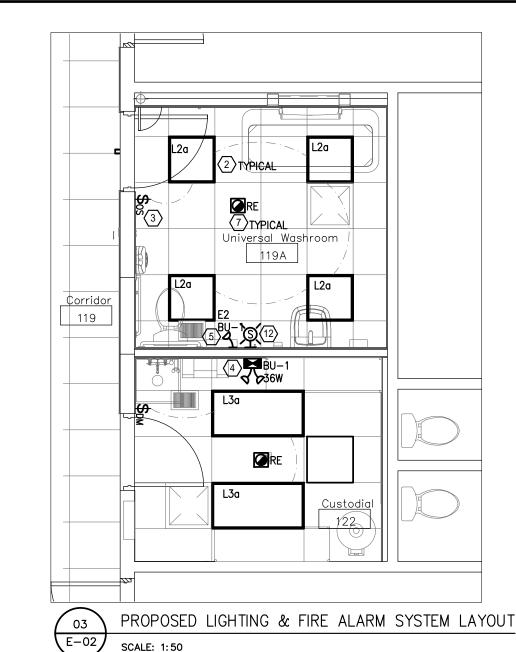
2. ISSUED FOR TENDER

LEGEND, KEY PLAN AND **DETAILS** -ELECTRICAL









GENERAL NOTES: 1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES/EQUIPMENT SHOWN ARE NEW. 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. ALL NEW SWITCHES, RECEPTACLES AND OUTLETS LOCATION AND MOUNTING HEIGHT SHALL BE COORDINATE WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN. NOTES: (1) REPLACE EXISTING PANEL 'LP-A' WITH NEW, NEW PANEL SHALL BE C/W 225A MAIN, 100A/2P MAIN BREAKER, 120/240V, 1P3W, 40CCT, 18KA IC RATED; RECESSED MOUNTED AT SAME LOCATION; PROVIDE NEW BREAKERS IN NEW PANEL TO MATCH EXISTING LOAD REQUIREMENT, RECONNECT ALL EXISTING LOAD TO NEW PANEL. PROVIDE NEW LIGHTS 'L2a' & 'L3a', ALL NEW LIGHTS SHALL BE CONNECT TO EXISTING LIGHTING CIRCUITS IN THIS AREA AND CONTROLLED BY NEW LOCAL SWITCH OR OCCUPANCY SENSOR SWITCH IN THAT ROOM/SPACE. 3 PROVIDE NEW OCCUPANCY SENSOR SWITCHES. ALL NORMAL LIGHTS IN WASHROOM SHALL BE CONTROLLED BY OCCUPANCY SENSORS IN THAT ROOM. 4 PROVIDE ONE(1) NEW EMERGENCY LIGHTING BATTERY UNIT 'BU-1' C/W TWO(2) REMOTE HEADS. PROVIDE UNSWITCHED HOT CONDUCTOR FROM EXISTING NORMAL LIGHT CIRCUIT IN THIS AREA TO 'BU-1'. (5) PROVIDE NEW EMERGENCY REMOTE HEADS '22', CONNECT TO NEW EMERGENCY LIGHTING CIRCUIT 'BU-1', ALL NEW REMOTE HEADS SHALL BE FED FROM BATTERY UNIT 'BU-1'. 6 PROVIDE NEW TAMPER-RESISTANT RECEPTACLE AND GFI RECEPTACLE. ALL NEW RECEPTACLES SHALL BE FED FROM NEW PANEL 'LP-A'. (7) RELOCATE EXISTING FIRE ALARM SMOKE DETECTOR TO NEW LOCATION, EXTEND WIRES/CABLES IN CONDUITS TO FIRE ALARM SMOKE DETECTOR CIRCUITS IN THIS AREA. B PROVIDE NEW GFI RECEPTACLES FOR CHANGE TABLE, FED FROM PANEL LP-A'. PROVIDE ONE (1) NEW 15A/1P BREAKER IN PANEL 'LP-A' FOR GFI RECEPTACLE CIRCUIT. CONFIRM EXACT LOCATION AND MOUNTING HEIGHT ON 9 PROVIDE NEW CEILING MOUNTED PA SPEAKERS, CONNECT TO NEAREST EXISTING PA SPEAKER CIRCUIT IN THIS AREA. NEW SPEAKER SHALL BE C/W ONE HOUR FIRE RATED ENCLOSURE. PROVIDE POWER CONNECTION FOR EMERGENCY CALL AND POWER DOOR, PROVIDE ONE(1) NEW 15A/1P BREAKER TO IN PANEL 'LP-A' FOR NEW POWER CONNECTIONS. CONFIRM EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION FOR HAND DRYERS, ALL NEW HAND DRYER SHALL BE FED FROM PANEL 'LP-A', PROVIDE ONE(1) NEW 15A/1P GFI BREAKER FOR NEW HAND DRYER. RUN DEDICATE FEEDER #2#12+GRD-16mmC FROM NEW BREAKER TO NEW HAND DRYER. CONFIRM SPECIFICATION, EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURE DRAWINGS ON SITE PRIOR TO ROUGH-IN. \$\langle 12 \rangle Provide New Fire Alarm Strobe. Connect existing fire Alarm Strobe circuits in this area. PROVIDE POWER CONNECTION FOR EF-1 AND EF-2, PROVIDE ONE(1) NEW 15A/1P BREAKER IN PANEL 'LP-A' FOR NEW EXHAUST FANS. CONFIRM EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION FOR HWT-1, PROVIDE ONE(1) NEW 20A/2P BREAKER IN PANEL 'LP-A' FOR NEW HOT WATER TANK HWT-1. CONFIRM EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. PROVIDE NEW ELECTRIC RADIANT CEILING PANELS C/W RECESSED MOUNTING KIT, 2'X2', 375W, 120V, QMARK MODEL

CP371, WHITE FINISH. C/W ONE-HOUR FIRE RATED ENCLOSURE. PROVIDE ONE(1) NEW 15A/11P BREAKER IN

PANEL 'LP-A' FOR NEW HEATING PANEL. CONFIRM EXACT LOCATION ON SITE PRIOR TO ROUGH-IN.

 $\overline{\langle 16 \rangle}$ provide line voltage thermostat for electric radiant ceiling panels, mounted at 6' aff.

-	VOLTS: 120/240V, 1PH, 3W MAINS: 225A		FLUS SURFAC			X	_	UGS BREAKER 10	00A/2P	
١	LOAD DESCRIPTION	BRKR	WATTAGE	CIR	В	SUS (CIR	WATTAGE	BRKR	LOAD DESCRIPTION
1>	LIGHTS FOR ROOM #120	15A		1	+	+	2		15A	LIGHTS FOR ROOM #118
1>	LIGHTS FOR ROOM #120	15A		3	+	-	4		15A	LIGHTS FOR ROOM #118
1>	OUTLETS FOR ROOM #120	15A		5	+	+	6		15A	OUTLETS FOR ROOM #118
1	LIGHTS FOR ROOM #127	15A		7	+	-	8		15A	LIGHTS FOR HALL
1>	LIGHTS FOR JAN, RM #123,125,139,140	15A		9	+	+	10		15A	LIGHTS FOR ROOM #136,137,138
1)	OUTLETS FOR RM #127,140	15A		11	╫	-	12		15A	OUTLETS FOR ROOM #136 / SUMP PU
1	LIGHTS FOR ROOM #127	15A		13	+	+	14		15A	OUTLETS FOR ROOM #141 / EX FAN
ı	EXHAUST FANS - RM#119A,122	15A	160	15	+	-	16		20A	EXISTING LOAD
1)	BASE BOARD HEATER	20A		17	+	-	18		20A	EXISTING LOAD
١		2P		19	+	_	20		2P	
1)	DRYER KIND ROOM	15A		21	+	-H	22		15A	REC FOR COPIER+FREEZER
١		2P		23	+	-	24		2P	
*)	HAND DRYER - RM#119A	15A		25	+	-H	26		15A	CHANGE TABLE RECEPTACLE - RM#119
	RECEPTACLES - RM#119A,122	15A		27	+	-	28		15A	EMERGENCY CALL, POWER DOOR- RM#1
١	HWT-1 - RM#122	20A	3kW	29	+	+	30		15A	ELEC HEATING PANEL - RM#122
١	2#10+GRD-16mmC	2P		31	╫	╼╋╢	32			
١				33	╂	-H	34			
١				35	╫	─#\	36			
١				37	+	-H	38			
١				39	+		40			
ı			_		TC	TAL		-		
	CONNECTED LOAD: —								(**) C/W	ND-FAULT INTERUPPTER CIRCUIT BREAKER LOCK-OFF DEVICES FAULT INTERUPPTER CIRCUIT BREAKER



20 SOUTH DUFFERIN ST HUNTSVILLE ONTARIO P1H 1V7

Fenelon Township Public School Washroom Renewal RFT B25-03

> 50 Cameron Rd, Cameron, ON, K0M 1G0

TENDER and **BUILDING PERMIT**

FEBRUARY 2025





DATE:	FEB. 2025
PROJECT NO:	25004B
SCALE:	N.T.S.
DRAWN:	MC
CHECKED:	FRL
	Revisions
1. ISSUED FOR REVIEW	2025-03-
2. ISSUED FOR TENDER	2025-03-

ELECTRICAL LAYOUTS, PANEL SCHEDULE & DETAILS