

# BELLWOOD PUBLIC SCHOOL

WHITBY, ONTARIO

## THE DURHAM DISTRICT SCHOOL BOARD

CLIENT

SUSAN FRIEDRICH ARCHITECT INC.

ARCHITECTS

LEA CONSULTING LTD.

STRUCTURAL ENGINEERS

ROMAR ENGINEERING

MECHANICAL AND ELECTRICAL ENGINEERS

### LIST OF DRAWINGS

#### ARCHITECTURAL

- A001 TITLE PAGE
- A002 LEGEND AND GENERAL NOTES
- A003 OBC DATA MATRIX
- A004 EXISTING PROJECT PHOTOS
- A101 EXISTING SITE PLAN
- A102 EXISTING FLOOR KEY PLANS
- A201 PART FLOOR PLANS - DEMOLITION
- A301 PART FLOOR PLANS + RCP
- A401 INTERIOR ELEVATIONS
- A402 INTERIOR ELEVATIONS
- A501 SCHEDULES
- A502 DETAILS

#### STRUCTURAL

- S100 GENERAL NOTES AND PROJECT DETAILS
- S101 GENERAL NOTES AND PROJECT DETAILS
- S200 PART SECOND FLOOR FRAMING PLAN
- MECHANICAL**
- M-100 MECHANICAL LEGEND, SPECIFICATIONS, SCHEDULES & DRAWING LIST
- M-101 SCHEDULES & PLUMBING CUT-SHEETS
- M-102 DETAILS
- M-200 1ST FLOOR WASHROOM - MECHANICAL (DEMO/NEW)
- M-201 2ND FLOOR WASHROOM - PD (DEMO/NEW)
- M-202 2ND FLOOR WASHROOM - HVAC (DEMO/NEW)

#### ELECTRICAL

- E-100 ELECTRICAL LEGEND, SPECIFICATION AND DETAILS
- E-200 FIRST FLOOR GIRLS CHANGE ROOM DEMO AND NEW WORK
- E-300 SECOND FLOOR WASHROOMS & CUSTODIAN ROOM DEMO AND NEW WORK POWER

ALL DRAWINGS ARE THE PROPERTY  
OF THE ARCHITECT

DO NOT SCALE DRAWINGS.

3	FEB 5 2026	ISSUED FOR PERMIT AND TENDER
2	JAN 30 2026	ISSUED FOR CLIENT REVIEW
1	DEC 5 2025	ISSUED FOR REVIEW

Revisions, Issues

Project:

WASHROOM RENOVATIONS

BELLWOOD PS

30 BELLWOOD DR.  
WHITBY, ON L1N 8M4

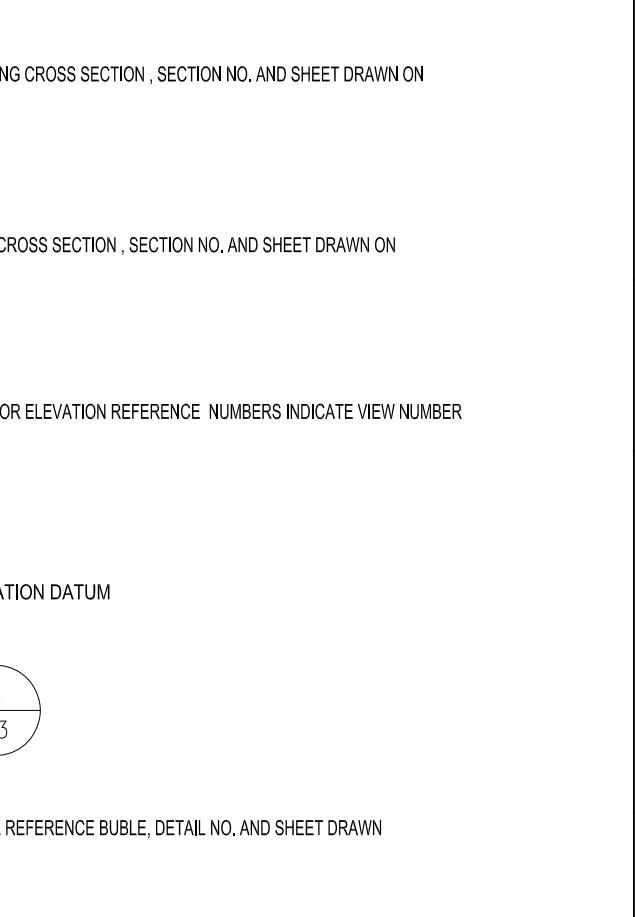
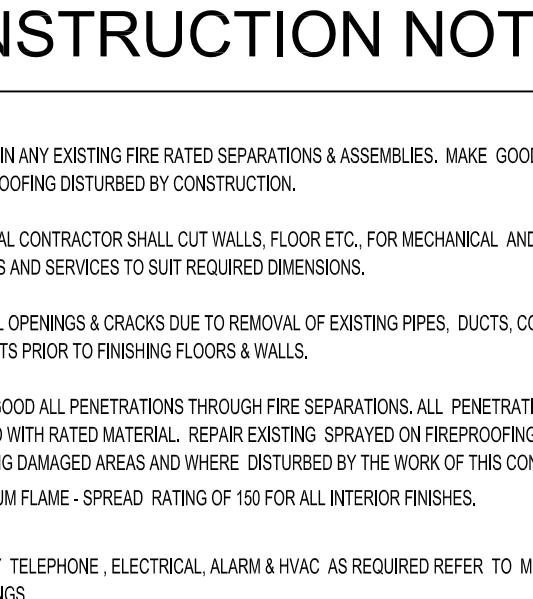
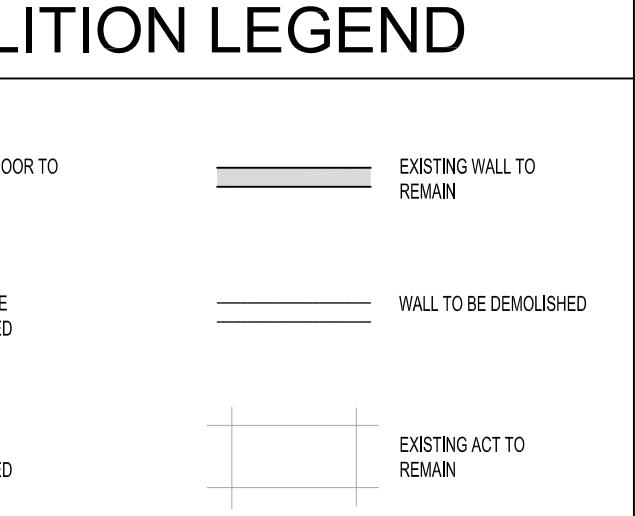
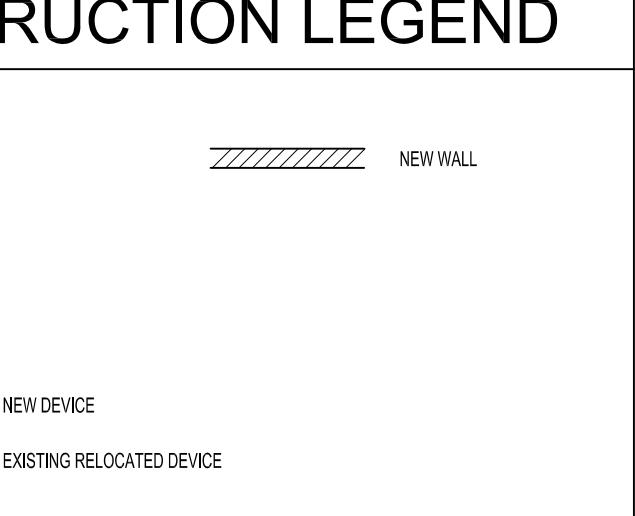
T26-12  
PLOT SCALE: 1:1 AT 24"X36" SHEET SIZE. READ DRAWING ACCORDINGLY.  
• PLOT SCALE: 1:2 AT 11X17" SHEET SIZE. READ DRAWING ACCORDINGLY.

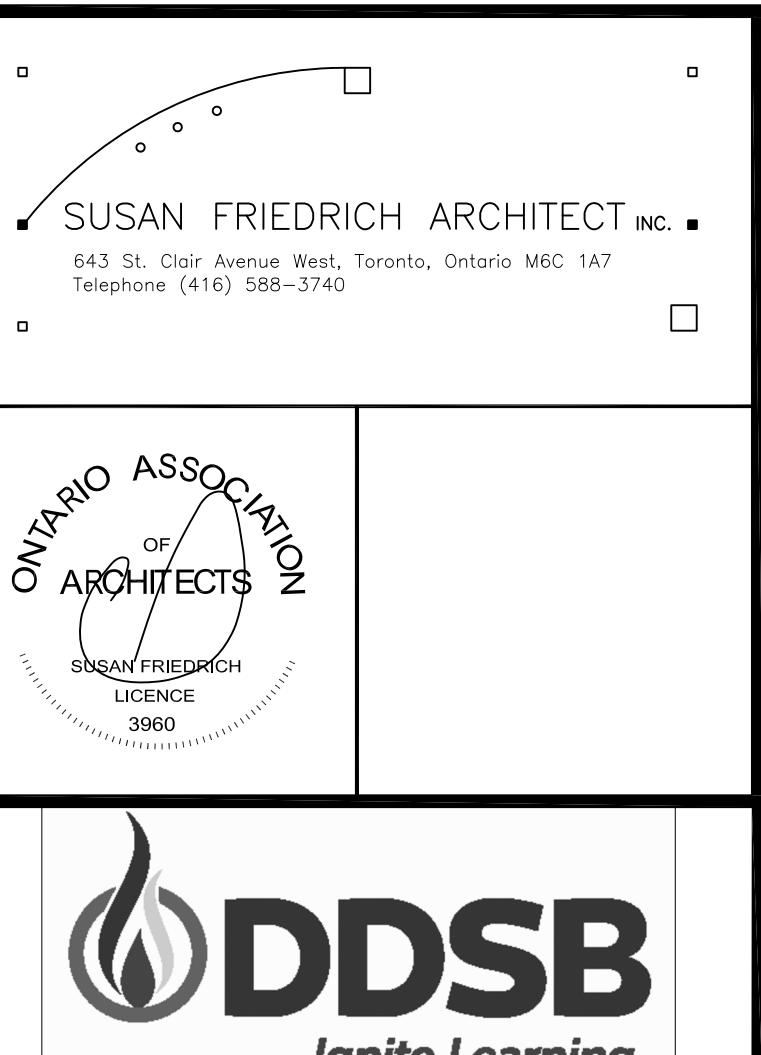
Title: TITLE PAGE

Scale: As Noted Date: NOV 26 2025 Drawing:

Project: 25-30 Drawn By: A001

DATE PLOTTED: FEB 05 2026

STANDARD ABBREVIATIONS			GENERAL NOTES	DRAWING SYMBOL LEGEND	WALL TYPE SCHEDULE																																																																																																																																																																																																		
<p>MANY WORDS OR EXPRESSIONS THAT ARE REPEATED FREQUENTLY ON THE DRAWINGS ARE ABBREVIATED TO REDUCE THE AMOUNT OF WORDING THAT MIGHT ABSURE THE DETAILING. TO AVOID MISINTERPRETATION, THESE ABBREVIATIONS ARE LISTED, WITH THEIR FULL MEANING, IN THIS SECTION.</p> <ul style="list-style-type: none"> <li>REFER ALSO TO MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR OTHER ABBREVIATIONS USED IN MECHANICAL AND ELECTRICAL DOCUMENTS.</li> <li>ABBREVIATIONS NOT LISTED HERE MAY BE USED IN TECHNICAL SECTIONS OF THE SPECIFICATIONS AND ARE DEFINED IN THE SPECIFICATION SECTIONS WHERE THEY ARE USED.</li> </ul>			<ol style="list-style-type: none"> <li>ALL DRAWINGS ARE THE PROPERTY OF THE ARCHITECT. DRAWINGS MUST NOT BE SCALED. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO PROCEEDING. DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK AFFECTED, FOR DIRECTION.</li> <li>ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO REQUIREMENTS OF THE ONTARIO BUILDING CODE LATEST EDITION AND THE OCCUPATIONAL HEALTH AND SAFETY ACT/REGULATIONS FOR CONSTRUCTION PROJECTS. COMPLY WITH ALL MUNICIPAL REGULATIONS.</li> <li>CONFORM TO OWNER'S GENERAL SPECIFICATIONS INCLUDING ALL SAFETY REQUIREMENTS.</li> <li>NOTIFY THE CONSULTANT PRIOR REMOVING ANY PORTION OF THE BUILDING THAT APPEARS TO BE STRUCTURAL REGARDLESS OF THE NOTATION ON THE DRAWINGS AND SPECIFICATION.</li> <li>THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING BUILDING AND EQUIPMENT AND REPAIR SAME TO THE SATISFACTION OF THE OWNER AND CONSULTANT. REPAIR ALL EXISTING JOINTS, FINISHES, ADJACENT SURFACES, ETC. WHERE NEW WORK JOINS. PROTECT EXISTING FROM DAMAGE DURING WORK. REPAIR ANY DAMAGE THAT SHOULD OCCUR.</li> <li>KEEP THE SITE THROUGHOUT THE WORK AREA IN A CLEAN AND ORDERLY CONDITION AT ALL TIMES TO THE SATISFACTION OF THE OWNER.</li> </ol>		<p>NOTES:</p> <ol style="list-style-type: none"> <li>ALL PENETRATIONS IN FIRE RATED WALLS &amp; JUNCTIONS TO BE FIRESTOPPED &amp; SEALED WITH RATED MATERIAL.</li> <li>ALL FIRE SEPARATION PARTS (INCLUDED 0HR RATED WALLS AT CORRIDORS) TO EXTEND TO U/S OF SLAB OR MTL. DECK AND TO BE FIRESTOPPED &amp; SEALED WITH RATED MATERIAL TO DECK, SLAB &amp; ADJ. WALLS.</li> <li>ALL PARTITIONS TO EXTEND TO U/S OF SLAB OR MTL. DECK UNLESS OTHERWISE NOTED.</li> <li>ALL EXPOSED MASONRY CORNERS TO BE BULLNOSED-TYPICAL.</li> </ol>																																																																																																																																																																																																		
<table border="1"> <tbody> <tr><td>AB</td><td>anchor bolt</td></tr> <tr><td>ABV</td><td>above</td></tr> <tr><td>A/C</td><td>air conditioning</td></tr> <tr><td>ACT</td><td>Acoustic tile</td></tr> <tr><td>ACOUST</td><td>acoustic</td></tr> <tr><td>AQT</td><td>fiberock aqua tough</td></tr> <tr><td>AFF</td><td>above finished floor</td></tr> <tr><td>AGG</td><td>aggregate</td></tr> <tr><td>ALUM, AL</td><td>aluminum</td></tr> <tr><td>ANOD</td><td>anodized</td></tr> <tr><td>AP</td><td>acoustic panel</td></tr> <tr><td>ASPH</td><td>asphalt</td></tr> <tr><td>AVB, A/VB</td><td>air/vapour barrier</td></tr> <tr><td>BD</td><td>board</td></tr> <tr><td>BE</td><td>baked enamel</td></tr> <tr><td>BH</td><td>bulkhead</td></tr> <tr><td>BLDG</td><td>building</td></tr> <tr><td>BLK</td><td>block</td></tr> <tr><td>BLKG</td><td>blocking</td></tr> <tr><td>BM</td><td>bench mark or beam</td></tr> <tr><td>BOT</td><td>bottom</td></tr> <tr><td>BR</td><td>brick</td></tr> <tr><td>BS, B/S</td><td>both sides</td></tr> <tr><td>BSMT</td><td>basement</td></tr> <tr><td>BU</td><td>built-up</td></tr> <tr><td>BUR</td><td>built-up roofing</td></tr> <tr><td>CA</td><td>cash allowance</td></tr> <tr><td>CAB</td><td>cabinet</td></tr> <tr><td>CAR</td><td>carpet</td></tr> <tr><td>CART</td><td>carpet tile</td></tr> <tr><td>CB</td><td>catch basin or conc. block or chalkboard</td></tr> <tr><td>C/C</td><td>centre to centre</td></tr> <tr><td>CEM</td><td>cement</td></tr> <tr><td>CH</td><td>coat hook</td></tr> <tr><td>CJ</td><td>control joint</td></tr> <tr><td>C JT</td><td>construction joint</td></tr> <tr><td>CL</td><td>centre line</td></tr> <tr><td>CLG</td><td>ceiling</td></tr> <tr><td>CLNG</td><td>ceiling</td></tr> <tr><td>CLK</td><td>caulk(ing)</td></tr> <tr><td>CLOS</td><td>closet</td></tr> <tr><td>CMT</td><td>ceramic mosaic tile</td></tr> <tr><td>CO</td><td>cleanout</td></tr> <tr><td>COL</td><td>column</td></tr> <tr><td>CONC</td><td>concrete</td></tr> <tr><td>COND</td><td>conduit</td></tr> <tr><td>CONN</td><td>connect or connection</td></tr> <tr><td>CONST</td><td>construction</td></tr> <tr><td>CONV</td><td>convector</td></tr> <tr><td>CP</td><td>control panel</td></tr> <tr><td>CPC</td><td>cement plaster ceiling</td></tr> <tr><td>CRC</td><td>cold rolled chanel</td></tr> <tr><td>CRS</td><td>courses</td></tr> <tr><td>CS</td><td>convenience shelf</td></tr> <tr><td>CSK</td><td>countersunk</td></tr> <tr><td>CT</td><td>ceramic tile</td></tr> <tr><td>CTR</td><td>centre</td></tr> <tr><td>CW</td><td>cold water</td></tr> <tr><td>CWP</td><td>crystalline waterproofing</td></tr> <tr><td>CWI</td><td>ceramic wall tile</td></tr> <tr><td>DB1, DB2</td><td>decorative block</td></tr> <tr><td>DET</td><td>detail</td></tr> <tr><td>DF</td><td>drinking fountain</td></tr> <tr><td>DG</td><td>door grille</td></tr> <tr><td>DGL</td><td>double glazed</td></tr> <tr><td>DIA</td><td>diameter</td></tr> <tr><td>DIM</td><td>dimension</td></tr> <tr><td>DIV</td><td>division</td></tr> <tr><td>DO</td><td>ditto</td></tr> <tr><td>DN</td><td>down</td></tr> <tr><td>DR</td><td>drain</td></tr> <tr><td>DS</td><td>downspout</td></tr> <tr><td>DWG</td><td>drawing</td></tr> <tr><td>EC</td><td>emergency call system</td></tr> <tr><td>ECT</td><td>electrical change table</td></tr> <tr><td>ELEC</td><td>electrical</td></tr> <tr><td>ELEV</td><td>elevator</td></tr> <tr><td>EMERG</td><td>emergency</td></tr> <tr><td>ENCL</td><td>enclosure</td></tr> <tr><td>EP</td><td>electrical panel</td></tr> <tr><td>EQ</td><td>equal</td></tr> <tr><td>EQUIP</td><td>equipment</td></tr> <tr><td>EWC</td><td>electric water cooler</td></tr> <tr><td>EWPM</td><td>exposed waterproofing</td></tr> <tr><td></td><td>membrane</td></tr> <tr><td>EXH</td><td>exhaust</td></tr> <tr><td>EXIST</td><td>existing</td></tr> <tr><td>EXP</td><td>exposed</td></tr> <tr><td>EX JT</td><td>expansion joint</td></tr> <tr><td>EXT</td><td>exterior</td></tr> <tr><td>FA</td><td>fire alarm</td></tr> <tr><td>FD</td><td>floor drain, or fire damper</td></tr> <tr><td>FDN</td><td>foundation</td></tr> <tr><td>FE</td><td>fire extinguisher</td></tr> <tr><td>FEC</td><td>fire extinguisher cabinet</td></tr> <tr><td>FF</td><td>force flow heater</td></tr> <tr><td>F.F.</td><td>Finished Floor</td></tr> </tbody> </table>			AB	anchor bolt	ABV	above	A/C	air conditioning	ACT	Acoustic tile	ACOUST	acoustic	AQT	fiberock aqua tough	AFF	above finished floor	AGG	aggregate	ALUM, AL	aluminum	ANOD	anodized	AP	acoustic panel	ASPH	asphalt	AVB, A/VB	air/vapour barrier	BD	board	BE	baked enamel	BH	bulkhead	BLDG	building	BLK	block	BLKG	blocking	BM	bench mark or beam	BOT	bottom	BR	brick	BS, B/S	both sides	BSMT	basement	BU	built-up	BUR	built-up roofing	CA	cash allowance	CAB	cabinet	CAR	carpet	CART	carpet tile	CB	catch basin or conc. block or chalkboard	C/C	centre to centre	CEM	cement	CH	coat hook	CJ	control joint	C JT	construction joint	CL	centre line	CLG	ceiling	CLNG	ceiling	CLK	caulk(ing)	CLOS	closet	CMT	ceramic mosaic tile	CO	cleanout	COL	column	CONC	concrete	COND	conduit	CONN	connect or connection	CONST	construction	CONV	convector	CP	control panel	CPC	cement plaster ceiling	CRC	cold rolled chanel	CRS	courses	CS	convenience shelf	CSK	countersunk	CT	ceramic tile	CTR	centre	CW	cold water	CWP	crystalline waterproofing	CWI	ceramic wall tile	DB1, DB2	decorative block	DET	detail	DF	drinking fountain	DG	door grille	DGL	double glazed	DIA	diameter	DIM	dimension	DIV	division	DO	ditto	DN	down	DR	drain	DS	downspout	DWG	drawing	EC	emergency call system	ECT	electrical change table	ELEC	electrical	ELEV	elevator	EMERG	emergency	ENCL	enclosure	EP	electrical panel	EQ	equal	EQUIP	equipment	EWC	electric water cooler	EWPM	exposed waterproofing		membrane	EXH	exhaust	EXIST	existing	EXP	exposed	EX JT	expansion joint	EXT	exterior	FA	fire alarm	FD	floor drain, or fire damper	FDN	foundation	FE	fire extinguisher	FEC	fire extinguisher cabinet	FF	force flow heater	F.F.	Finished Floor	<h3>DEMOLITION NOTES</h3> <ol style="list-style-type: none"> <li>ALL EXISTING ITEMS NOT INCORPORATED INTO THE REVISED LAYOUT TO BE REMOVED AND DISPOSED.</li> <li>DISPOSE OF MATERIALS IN LEGAL LANDFILL OR RECYCLING SITES IN ACCORDANCE WITH THE REGION OF YORK REGULATIONS.</li> <li>ALL EXISTING SURFACES AND PARTITIONS ETC. WHICH ARE TO REMAIN SHALL BE PROTECTED DURING DEMOLITION.</li> <li>MAKE GOOD ALL DISTURBED SURFACES, ADJACENT FLOORS, WALLS AND CEILINGS TO MATCH EXISTING AFTER COMPLETION OF WORK, UNLESS OTHERWISE NOTED.</li> </ol>		
AB	anchor bolt																																																																																																																																																																																																						
ABV	above																																																																																																																																																																																																						
A/C	air conditioning																																																																																																																																																																																																						
ACT	Acoustic tile																																																																																																																																																																																																						
ACOUST	acoustic																																																																																																																																																																																																						
AQT	fiberock aqua tough																																																																																																																																																																																																						
AFF	above finished floor																																																																																																																																																																																																						
AGG	aggregate																																																																																																																																																																																																						
ALUM, AL	aluminum																																																																																																																																																																																																						
ANOD	anodized																																																																																																																																																																																																						
AP	acoustic panel																																																																																																																																																																																																						
ASPH	asphalt																																																																																																																																																																																																						
AVB, A/VB	air/vapour barrier																																																																																																																																																																																																						
BD	board																																																																																																																																																																																																						
BE	baked enamel																																																																																																																																																																																																						
BH	bulkhead																																																																																																																																																																																																						
BLDG	building																																																																																																																																																																																																						
BLK	block																																																																																																																																																																																																						
BLKG	blocking																																																																																																																																																																																																						
BM	bench mark or beam																																																																																																																																																																																																						
BOT	bottom																																																																																																																																																																																																						
BR	brick																																																																																																																																																																																																						
BS, B/S	both sides																																																																																																																																																																																																						
BSMT	basement																																																																																																																																																																																																						
BU	built-up																																																																																																																																																																																																						
BUR	built-up roofing																																																																																																																																																																																																						
CA	cash allowance																																																																																																																																																																																																						
CAB	cabinet																																																																																																																																																																																																						
CAR	carpet																																																																																																																																																																																																						
CART	carpet tile																																																																																																																																																																																																						
CB	catch basin or conc. block or chalkboard																																																																																																																																																																																																						
C/C	centre to centre																																																																																																																																																																																																						
CEM	cement																																																																																																																																																																																																						
CH	coat hook																																																																																																																																																																																																						
CJ	control joint																																																																																																																																																																																																						
C JT	construction joint																																																																																																																																																																																																						
CL	centre line																																																																																																																																																																																																						
CLG	ceiling																																																																																																																																																																																																						
CLNG	ceiling																																																																																																																																																																																																						
CLK	caulk(ing)																																																																																																																																																																																																						
CLOS	closet																																																																																																																																																																																																						
CMT	ceramic mosaic tile																																																																																																																																																																																																						
CO	cleanout																																																																																																																																																																																																						
COL	column																																																																																																																																																																																																						
CONC	concrete																																																																																																																																																																																																						
COND	conduit																																																																																																																																																																																																						
CONN	connect or connection																																																																																																																																																																																																						
CONST	construction																																																																																																																																																																																																						
CONV	convector																																																																																																																																																																																																						
CP	control panel																																																																																																																																																																																																						
CPC	cement plaster ceiling																																																																																																																																																																																																						
CRC	cold rolled chanel																																																																																																																																																																																																						
CRS	courses																																																																																																																																																																																																						
CS	convenience shelf																																																																																																																																																																																																						
CSK	countersunk																																																																																																																																																																																																						
CT	ceramic tile																																																																																																																																																																																																						
CTR	centre																																																																																																																																																																																																						
CW	cold water																																																																																																																																																																																																						
CWP	crystalline waterproofing																																																																																																																																																																																																						
CWI	ceramic wall tile																																																																																																																																																																																																						
DB1, DB2	decorative block																																																																																																																																																																																																						
DET	detail																																																																																																																																																																																																						
DF	drinking fountain																																																																																																																																																																																																						
DG	door grille																																																																																																																																																																																																						
DGL	double glazed																																																																																																																																																																																																						
DIA	diameter																																																																																																																																																																																																						
DIM	dimension																																																																																																																																																																																																						
DIV	division																																																																																																																																																																																																						
DO	ditto																																																																																																																																																																																																						
DN	down																																																																																																																																																																																																						
DR	drain																																																																																																																																																																																																						
DS	downspout																																																																																																																																																																																																						
DWG	drawing																																																																																																																																																																																																						
EC	emergency call system																																																																																																																																																																																																						
ECT	electrical change table																																																																																																																																																																																																						
ELEC	electrical																																																																																																																																																																																																						
ELEV	elevator																																																																																																																																																																																																						
EMERG	emergency																																																																																																																																																																																																						
ENCL	enclosure																																																																																																																																																																																																						
EP	electrical panel																																																																																																																																																																																																						
EQ	equal																																																																																																																																																																																																						
EQUIP	equipment																																																																																																																																																																																																						
EWC	electric water cooler																																																																																																																																																																																																						
EWPM	exposed waterproofing																																																																																																																																																																																																						
	membrane																																																																																																																																																																																																						
EXH	exhaust																																																																																																																																																																																																						
EXIST	existing																																																																																																																																																																																																						
EXP	exposed																																																																																																																																																																																																						
EX JT	expansion joint																																																																																																																																																																																																						
EXT	exterior																																																																																																																																																																																																						
FA	fire alarm																																																																																																																																																																																																						
FD	floor drain, or fire damper																																																																																																																																																																																																						
FDN	foundation																																																																																																																																																																																																						
FE	fire extinguisher																																																																																																																																																																																																						
FEC	fire extinguisher cabinet																																																																																																																																																																																																						
FF	force flow heater																																																																																																																																																																																																						
F.F.	Finished Floor																																																																																																																																																																																																						
<h3>CONSTRUCTION NOTES</h3> <ol style="list-style-type: none"> <li>MANTAIN ANY EXISTING FIRE RATED SEPARATIONS &amp; ASSEMBLIES. MAKE GOOD ANY FIREPROOFING DISTURBED BY CONSTRUCTION.</li> <li>GENERAL CONTRACTOR SHALL CUT WALLS, FLOOR ETC., FOR MECHANICAL AND ELECTRICAL ACCESS AND SERVICES TO SUIT REQUIRED DIMENSIONS.</li> <li>FILL ALL OPENINGS &amp; CRACKS DUE TO REMOVAL OF EXISTING PIPES, DUCTS, CONDUITS &amp; FITMENTS PRIOR TO FINISHING FLOORS &amp; WALLS.</li> <li>MAKE GOOD ALL PENETRATIONS THROUGH FIRE SEPARATIONS. ALL PENETRATIONS TO BE SEALED WITH RATED MATERIAL. REPAIR EXISTING SPRAYED ON FIREPROOFING AT ALL EXISTING DAMAGED AREAS AND WHERE DISTURBED BY THE WORK OF THIS CONTRACT. MAXIMUM FLAME-Spread RATING OF 150 FOR ALL INTERIOR FINISHES.</li> <li>MODIFY TELEPHONE, ELECTRICAL, ALARM &amp; HVAC AS REQUIRED REFER TO M&amp;E DRAWINGS.</li> <li>ALL EXPOSED DUCTWORK, CONDUIT AND M/E EQUIPMENT TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS SPECIFICALLY NOTED. CONFIRM ALL FINISHES WITH ARCHITECT PRIOR TO PROCEEDING.</li> <li>SEE M &amp; E DRAWINGS FOR RELOCATION AND/OR REMOVAL OF OBSOLETE EQUIPMENT. PATCH &amp; MAKE GOOD AND FINAL FINISH TO MATCH NEW CONDITION</li> <li>HAZARDOUS AND DESIGNATED SUBSTANCES IF HAZARDOUS MATERIALS / DESIGNATED SUBSTANCES ARE ENCOUNTERED DURING CONSTRUCTION, OWNER IS TO BE NOTIFIED IMMEDIATELY. MATERIALS ARE NOT TO BE REMOVED BY CONTRACTOR. CONTRACTOR TO COORDINATE W/ OWNER AND OWNERS CONTRACTOR.</li> <li>ENTIRE FLOOR AREA PROVIDE COVERS FOR ALL OPENINGS, SOCKETS, ETC. TO EXISTING UNDER FLOOR RACEWAY SYSTEM. PATCH OVER AND SEAL ALL CUTTING, DRILLING OR BORING OF EXISTING FLOOR OR STRUCTURAL CEILING SLAB MUST ENSURE INTEGRITY OF STRUCTURAL SYSTEM (IE. REBAR, STEEL, ETC.) FIRE PROTECTION AND AIR TIGHTNESS ARE MAINTAINED.</li> <li>COORDINATE ALL CUTTING AND PATCHING AROUND SERVICES ETC. PENETRATING EXISTING OR NEW WALLS TO MAINTAIN STRUCTURAL, FIRESTOPPING, AIR TIGHTNESS INTEGRITY AND APPEARANCE. FINISH ALL OPENINGS AROUND DUCTS &amp; OTHER OPENINGS, ETC. WITH DRYWALL PRIOR TO DUCT TAPE. SEAL &amp; PRIME. PROVIDE FIRE STOPPING / AIR BARRIER SEALANT BETWEEN DUCT, ETC. AND DRYWALL PERIMETER. MAKE GOOD ALL SURFACES FOR FINAL FINISH.</li> <li>ALL EQUIPMENT LOCATIONS TO BE COORDINATED WITH THE OWNER. EQUIPMENT LOCATIONS INDICATED ARE FOR INFORMATION ONLY - CONTRACTOR TO COORDINATE INTERACTING TRADES TO FACILITATE FULL OPERATION WHEN THE EQUIPMENT IS INSTALLED BY OWNER.</li> <li>MODIFY CEILING &amp; LIGHTING AT EXISTING AREAS AS RECD</li> <li>CONTRACTOR SHALL CHALK LINE ALL PARTITIONS AND EQUIPMENT POSITIONS FOR REVIEW &amp; APPROVAL BY OWNER PRIOR TO COMMENCEMENT OF WORK. IF CONFLICT ARISES BETWEEN DRAWINGS AND FIELD MEASUREMENTS THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ARCHITECT FOR DIRECTION. AT NO TIME SHALL THE CONTRACTOR PROCEED IN UNCERTAINTY.</li> <li>ALL ELECTRICAL BOXES, PENETRATIONS, ETC. THROUGH WALLS DESIGNATED TO BE AIR-TIGHT TO BE AIR SEALED.</li> <li>RELENTIC COPIES OF THE ARCHITECTURAL DRAWINGS FOR THIS PROJECT FOR USE IN THE PREPARATION OF SHOP DRAWINGS AND AS-BUILT DRAWINGS (AND FOR NO OTHER PURPOSE) ARE AVAILABLE. DRAWINGS ARE IN AUTOCAD LATEST VERSION FILE FORMATS. THE DRAWINGS ARE AVAILABLE AS-IS AND AT A COST OF \$100.00 PER DRAWING WITH A MINIMUM OF \$400.00 PER SUBMISSION. THE DRAWINGS WILL BE PROVIDED WITHOUT ANY TITLE BLOCKS OR SEALS.</li> </ol>																																																																																																																																																																																																							
<h3>DEMOLITION LEGEND</h3> <table border="1"> <tbody> <tr><td></td><td>EXISTING DOOR TO REMAIN</td></tr> <tr><td></td><td>EXISTING WALL TO REMAIN</td></tr> <tr><td></td><td>DOOR TO BE DEMOLISHED</td></tr> <tr><td></td><td>WALL TO BE DEMOLISHED</td></tr> <tr><td></td><td>ACT TO BE DEMOLISHED</td></tr> <tr><td></td><td>EXISTING ACT TO REMAIN</td></tr> <tr><td>E</td><td>DENOTES: EXISTING DEVICE TO REMAIN</td></tr> <tr><td>ER</td><td>DENOTES: EXISTING DEVICE TO BE RELOCATED</td></tr> <tr><td>R</td><td>DENOTES: EXISTING DEVICE TO BE REMOVED AND DISPOSED</td></tr> </tbody> </table> <p>REFER TO MECHANICAL &amp; ELECTRICAL DRAWINGS FOR LIGHT FIXTURES, GRILLES, DIFFUSERS &amp; DEVICES. LOCATIONS TO BE CONFIRMED.</p>				EXISTING DOOR TO REMAIN		EXISTING WALL TO REMAIN		DOOR TO BE DEMOLISHED		WALL TO BE DEMOLISHED		ACT TO BE DEMOLISHED		EXISTING ACT TO REMAIN	E	DENOTES: EXISTING DEVICE TO REMAIN	ER	DENOTES: EXISTING DEVICE TO BE RELOCATED	R	DENOTES: EXISTING DEVICE TO BE REMOVED AND DISPOSED																																																																																																																																																																																			
	EXISTING DOOR TO REMAIN																																																																																																																																																																																																						
	EXISTING WALL TO REMAIN																																																																																																																																																																																																						
	DOOR TO BE DEMOLISHED																																																																																																																																																																																																						
	WALL TO BE DEMOLISHED																																																																																																																																																																																																						
	ACT TO BE DEMOLISHED																																																																																																																																																																																																						
	EXISTING ACT TO REMAIN																																																																																																																																																																																																						
E	DENOTES: EXISTING DEVICE TO REMAIN																																																																																																																																																																																																						
ER	DENOTES: EXISTING DEVICE TO BE RELOCATED																																																																																																																																																																																																						
R	DENOTES: EXISTING DEVICE TO BE REMOVED AND DISPOSED																																																																																																																																																																																																						
<h3>CONSTRUCTION LEGEND</h3> <table border="1"> <tbody> <tr><td></td><td>NEW DOOR</td></tr> <tr><td></td><td>NEW WALL</td></tr> <tr><td></td><td>NEW ACT</td></tr> <tr><td>N</td><td>DENOTES: NEW DEVICE</td></tr> <tr><td>RL</td><td>DENOTES: EXISTING RELOCATED DEVICE</td></tr> </tbody> </table>				NEW DOOR		NEW WALL		NEW ACT	N	DENOTES: NEW DEVICE	RL	DENOTES: EXISTING RELOCATED DEVICE																																																																																																																																																																																											
	NEW DOOR																																																																																																																																																																																																						
	NEW WALL																																																																																																																																																																																																						
	NEW ACT																																																																																																																																																																																																						
N	DENOTES: NEW DEVICE																																																																																																																																																																																																						
RL	DENOTES: EXISTING RELOCATED DEVICE																																																																																																																																																																																																						
<p>CONCRETE BLOCK</p> <table border="1"> <tbody> <tr><td>1HR</td><td>90mm 75% SOLID 140mm STANDARD</td></tr> <tr><td>2HR</td><td>140mm 75% SOLID 190mm SOLID</td></tr> </tbody> </table>			1HR	90mm 75% SOLID 140mm STANDARD	2HR	140mm 75% SOLID 190mm SOLID																																																																																																																																																																																																	
1HR	90mm 75% SOLID 140mm STANDARD																																																																																																																																																																																																						
2HR	140mm 75% SOLID 190mm SOLID																																																																																																																																																																																																						



ALL DRAWINGS ARE THE PROPERTY  
OF THE ARCHITECT

DO NOT SCALE DRAWINGS.

FEB 5 2026	ISSUED FOR PERMIT AND TENDER
JAN 30 2026	ISSUED FOR CLIENT REVIEW
DEC 5 2025	ISSUED FOR REVIEW

visions, Issues

project:

## WASHROOM RENOVA

BFI L WOOD

30 BELLWOOD DR.  
WHITBY, ON L1N 8M4

# LEGEND AND GENERAL NOTES

cale:	Date:	Drawing:
As Noted	NOV 26 2025	A002

Project: Drawn By: 25-30 **AU02**

DATE PLOTTED: FEB 05 2026

<p><b>Name of Practice:</b> Susan Friedrich Architect Inc. 643 St. Clair Ave. West Toronto ON M6C 1A7</p> <p><b>Name of Project:</b> Bellwood Public School – Washroom Renovations</p> <p><b>Location:</b> 30 Bellwood Dr., Whitby, ON L1N 8M4</p> <p><b>Date:</b> February 5, 2025</p> <p><b>2024 Ontario Building Code Data Matrix Part 11 – Renovation</b></p> <table border="1"> <tr> <td>11.00</td> <td>Building Code Version:</td> <td>O. Reg. 163/24</td> <td>Last Amendment</td> <td>O. Reg. 447/24</td> <td>Building Code Reference<sup>1</sup></td> </tr> </table> <p><b>11.01 Project Type:</b> <input checked="" type="checkbox"/> Addition <input type="checkbox"/> Renovation <input type="checkbox"/> Addition and renovation <span style="border: 1px solid black; padding: 2px;">[A] 1.3.3.B.</span></p> <p><b>11.02 Major Occupancy Classification:</b> Occupancy Use <span style="border: 1px solid black; padding: 2px;">A2 Elementary School</span></p> <p><b>11.03 Superimposed Major Occupancies:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Description: <span style="border: 1px solid black; padding: 2px;">11.2, 3.2.2.5, to 3.2.2.8, and 2.2.1.</span></p> <p><b>11.04 Building Area (m<sup>2</sup>)</b> Description: Existing New Total <span style="border: 1px solid black; padding: 2px;">[A] 1.4.1.2, 11.2, and 11.3.</span></p> <table border="1"> <tr> <td>Bellwood PS including proposed renovation (90 m<sup>2</sup>)</td> <td>2716</td> <td>0</td> <td>2716</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Total</td> <td>2716</td> <td>0</td> <td>2716</td> </tr> </table> <p><b>11.05 Building Height</b> <span style="border: 1px solid black; padding: 2px;">2 Storeys above grade 0 (m) Above grade</span> <span style="border: 1px solid black; padding: 2px;">[A] 1.4.1.2, 3.2.1.1, 2.2.2.2, and 11.3.</span></p> <p><b>11.06 Number of Streets/ Firefighter Access</b> <span style="border: 1px solid black; padding: 2px;">0 Storeys below grade</span> <span style="border: 1px solid black; padding: 2px;">1 street(s)</span> <span style="border: 1px solid black; padding: 2px;">3.2.2.10, 3.2.5, 2.2.4.1, and 11.3.</span></p> <p><b>11.07 Building Size</b> <input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> &gt; Large <span style="border: 1px solid black; padding: 2px;">11.2.1.1, and T.11.2.1.1.B-N.</span></p>		11.00	Building Code Version:	O. Reg. 163/24	Last Amendment	O. Reg. 447/24	Building Code Reference <sup>1</sup>	Bellwood PS including proposed renovation (90 m <sup>2</sup> )	2716	0	2716		0	0	0		0	0	0		0	0	0	Total	2716	0	2716	<p><b>11.08 Existing Building Classification:</b></p> <table border="1"> <tr> <td>Change in Major Occupancy: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (no change of major occupancy)</td> <td>Construction Index: <span style="border: 1px solid black; padding: 2px;">0</span></td> <td>Hazard Index: <span style="border: 1px solid black; padding: 2px;">0</span></td> <td>Importance Category: <input type="checkbox"/> Low <input type="checkbox"/> Normal <input type="checkbox"/> High <input type="checkbox"/> Post-disaster</td> <td>10.1.1.2, 11.2.1.1, T.11.2.1.1.A to N 4.1.2.1.(3), 2.3.1, and 5.2.2.1.(2)</td> </tr> </table> <p><b>11.09 Renovation Type:</b> <input checked="" type="checkbox"/> Basic Renovation <input type="checkbox"/> Extensive Renovation <span style="border: 1px solid black; padding: 2px;">11.3.3.1, and 11.3.3.2.</span></p> <p><b>11.10 Occupant Load</b> EXISTING <i>Insert additional lines as needed</i></p> <table border="1"> <tr> <td>Floor Level/Area</td> <td>Occupancy Type</td> <td>Based On</td> <td>Occupant Load (Persons)</td> </tr> <tr> <td></td> <td></td> <td></td> <td>0</td> </tr> </table> <p><b>11.11 a Plumbing Fixture Requirements</b> Ratio: <span style="border: 1px solid black; padding: 2px;">M:F = 50:50 Except as otherwise noted</span> <span style="border: 1px solid black; padding: 2px;">3.7.4., 11.3.4., 11.3.5, 11.4.2.4., and 11.4.2.5.</span></p> <table border="1"> <tr> <td>Floor Level/Area</td> <td>Occupant Load</td> <td>OBC Reference</td> <td>WCs Required</td> <td>WCs Provided</td> </tr> <tr> <td>2<sup>nd</sup> Floor</td> <td>Existing</td> <td>3.7.4.3.(14)</td> <td>0</td> <td>7 (new)</td> </tr> <tr> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> </tr> </table> <p><b>11.11 b Plumbing Fixture Requirements continued:</b> <i>Insert additional lines as needed</i></p> <table border="1"> <tr> <td>Floor Level/Area (repeated)</td> <td>Barrier-free WCs Required</td> <td>Barrier-free WCs Provided</td> <td>Universal Washrooms Required</td> <td>Universal Washrooms Provided</td> </tr> <tr> <td>2<sup>nd</sup> Floor</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table> <p><b>11.12 Barrier-free Design:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <span style="border: 1px solid black; padding: 2px;">1 Individual Barrier Free Washroom proposed to replace 1 existing B/F WC stall in Girls WR and 1 existing B/F WC stall in Boys WR (total 2).</span> <span style="border: 1px solid black; padding: 2px;">11.3.1.2, 11.3.2, 11.3.3.2.</span></p> <p><b>11.13 Reduction in Performance Level:</b></p> <table border="1"> <tr> <td>Structural: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</td> <td>11.4.2.1.</td> </tr> <tr> <td>By Increase in occupant load: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</td> <td>11.4.2.2.</td> </tr> <tr> <td>By change of major occupancy: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</td> <td>11.4.2.3.</td> </tr> <tr> <td>Plumbing: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</td> <td>11.4.2.4.</td> </tr> <tr> <td>Sewage-systems: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</td> <td>11.4.2.5.</td> </tr> <tr> <td>Extension of buildings of combustible construction: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</td> <td>11.4.2.6.</td> </tr> </table> <p><b>11.14 Compensating Construction:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <span style="border: 1px solid black; padding: 2px;">11.4.3.1.</span> <span style="border: 1px solid black; padding: 2px;">Structural: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Describe)</span> <span style="border: 1px solid black; padding: 2px;">11.4.3.2.</span></p> <p><b>11.15 Compliance Alternatives Proposed:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <span style="border: 1px solid black; padding: 2px;">11.4.3.3.</span> <span style="border: 1px solid black; padding: 2px;">Increase in occupant load: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Describe)</span> <span style="border: 1px solid black; padding: 2px;">11.4.3.4.</span></p> <p><b>11.16 Alternative Solutions:</b> <span style="border: 1px solid black; padding: 2px;">[A] 1.2.1.1, and [C] 2.1.</span></p> <p><b>11.17 Notes:</b> <span style="border: 1px solid black; padding: 2px;">Insert additional lines as needed</span></p>	Change in Major Occupancy: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (no change of major occupancy)	Construction Index: <span style="border: 1px solid black; padding: 2px;">0</span>	Hazard Index: <span style="border: 1px solid black; padding: 2px;">0</span>	Importance Category: <input type="checkbox"/> Low <input type="checkbox"/> Normal <input type="checkbox"/> High <input type="checkbox"/> Post-disaster	10.1.1.2, 11.2.1.1, T.11.2.1.1.A to N 4.1.2.1.(3), 2.3.1, and 5.2.2.1.(2)	Floor Level/Area	Occupancy Type	Based On	Occupant Load (Persons)				0				0				0				0	Floor Level/Area	Occupant Load	OBC Reference	WCs Required	WCs Provided	2 <sup>nd</sup> Floor	Existing	3.7.4.3.(14)	0	7 (new)				0	0				0	0				0	0	Floor Level/Area (repeated)	Barrier-free WCs Required	Barrier-free WCs Provided	Universal Washrooms Required	Universal Washrooms Provided	2 <sup>nd</sup> Floor	1	1	0	0		0	0	0	0		0	0	0	0		0	0	0	0	Structural: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.1.	By Increase in occupant load: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.2.	By change of major occupancy: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.3.	Plumbing: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.4.	Sewage-systems: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.5.	Extension of buildings of combustible construction: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.6.
11.00	Building Code Version:	O. Reg. 163/24	Last Amendment	O. Reg. 447/24	Building Code Reference <sup>1</sup>																																																																																																														
Bellwood PS including proposed renovation (90 m <sup>2</sup> )	2716	0	2716																																																																																																																
	0	0	0																																																																																																																
	0	0	0																																																																																																																
	0	0	0																																																																																																																
Total	2716	0	2716																																																																																																																
Change in Major Occupancy: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (no change of major occupancy)	Construction Index: <span style="border: 1px solid black; padding: 2px;">0</span>	Hazard Index: <span style="border: 1px solid black; padding: 2px;">0</span>	Importance Category: <input type="checkbox"/> Low <input type="checkbox"/> Normal <input type="checkbox"/> High <input type="checkbox"/> Post-disaster	10.1.1.2, 11.2.1.1, T.11.2.1.1.A to N 4.1.2.1.(3), 2.3.1, and 5.2.2.1.(2)																																																																																																															
Floor Level/Area	Occupancy Type	Based On	Occupant Load (Persons)																																																																																																																
			0																																																																																																																
			0																																																																																																																
			0																																																																																																																
			0																																																																																																																
Floor Level/Area	Occupant Load	OBC Reference	WCs Required	WCs Provided																																																																																																															
2 <sup>nd</sup> Floor	Existing	3.7.4.3.(14)	0	7 (new)																																																																																																															
			0	0																																																																																																															
			0	0																																																																																																															
			0	0																																																																																																															
Floor Level/Area (repeated)	Barrier-free WCs Required	Barrier-free WCs Provided	Universal Washrooms Required	Universal Washrooms Provided																																																																																																															
2 <sup>nd</sup> Floor	1	1	0	0																																																																																																															
	0	0	0	0																																																																																																															
	0	0	0	0																																																																																																															
	0	0	0	0																																																																																																															
Structural: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.1.																																																																																																																		
By Increase in occupant load: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.2.																																																																																																																		
By change of major occupancy: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.3.																																																																																																																		
Plumbing: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.4.																																																																																																																		
Sewage-systems: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.5.																																																																																																																		
Extension of buildings of combustible construction: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.6.																																																																																																																		

1 All references are to Division B of the OBC, unless preceded by [A] for Division A and [C] for Division C.

Ontario Building Code Data Matrix, Part 11  
© Ontario Association of Architects

January 2025

Ontario Building Code Data Matrix, Part 11  
© Ontario Association of Architects

January 2025

Ontario Building Code Data Matrix, Part 11  
© Ontario Association of Architects

January 2025

NOTES ON WC REQUIREMENTS:

TOTAL OCCUPANT LOAD: 235 FEMALE 235 MALE

TOTAL PROPOSED STUDENT WC'S AFTER RENOVATION: 14 FEMALE 12 MALE

TOTAL CAPACITY PER 3.7.4.3.(14): 364 FEMALE 360 MALE

PROPOSED WASHROOMS ON 2ND FL + EXISTING WASHROOMS ON GROUND FL EXCEED OBC REQUIREMENTS BASED ON OCCUPANT LOAD

SUSAN FRIEDRICH ARCHITECT INC.  
643 St. Clair Avenue West, Toronto, Ontario M6C 1A7  
Telephone (416) 588-3740

ONTARIO ASSOCIATION OF ARCHITECTS  
SUSAN FRIEDRICH  
LICENCE 3960

**DDSB**  
Ignite Learning

ALL DRAWINGS ARE THE PROPERTY OF THE ARCHITECT  
DO NOT SCALE DRAWINGS.

2	FEB 5 2026	ISSUED FOR PERMIT AND TENDER
1	JAN 30 2026	ISSUED FOR CLIENT REVIEW

Revisions, Issues

Project: **WASHROOM RENOVATIONS**  
**BELLWOOD PS**  
30 BELLWOOD DR.  
WHITBY, ON L1N 8M4

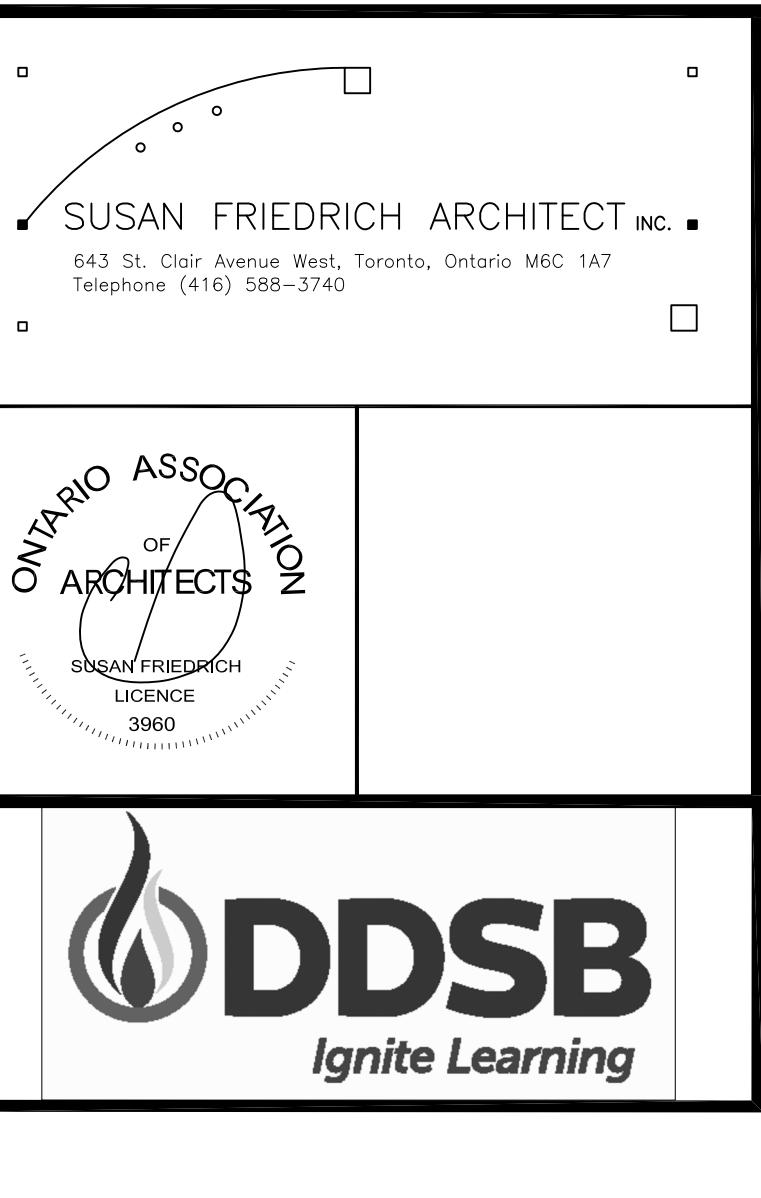
T26-12

Title: **OBC DATA MATRIX**

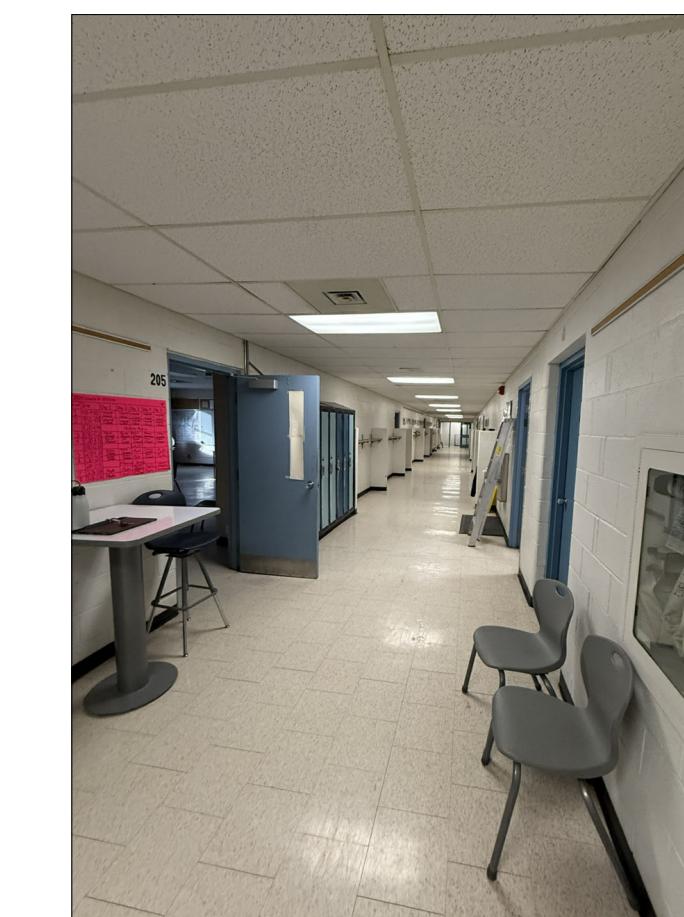
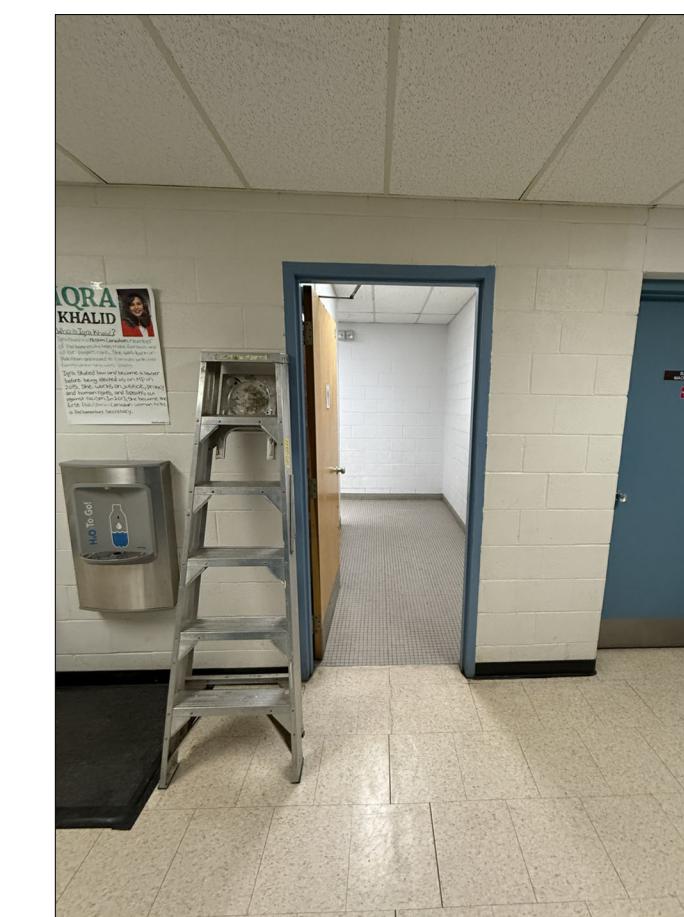
Scale: As Noted	Date: DEC 12 2025	Drawing: A003
Project: 25-30	Drawn By:	

DATE PLOTTED: FEB 05 2026

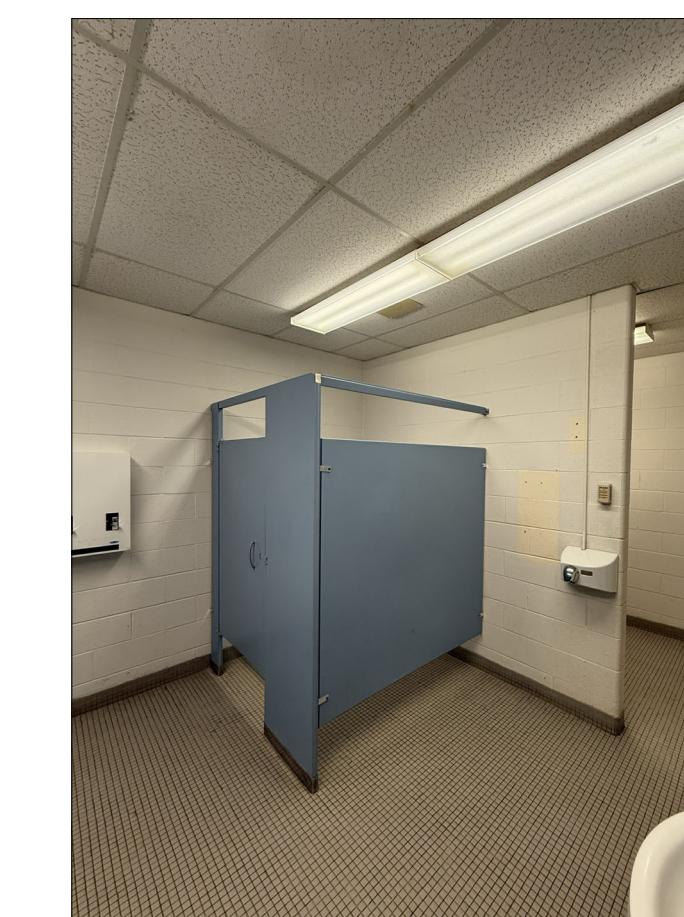
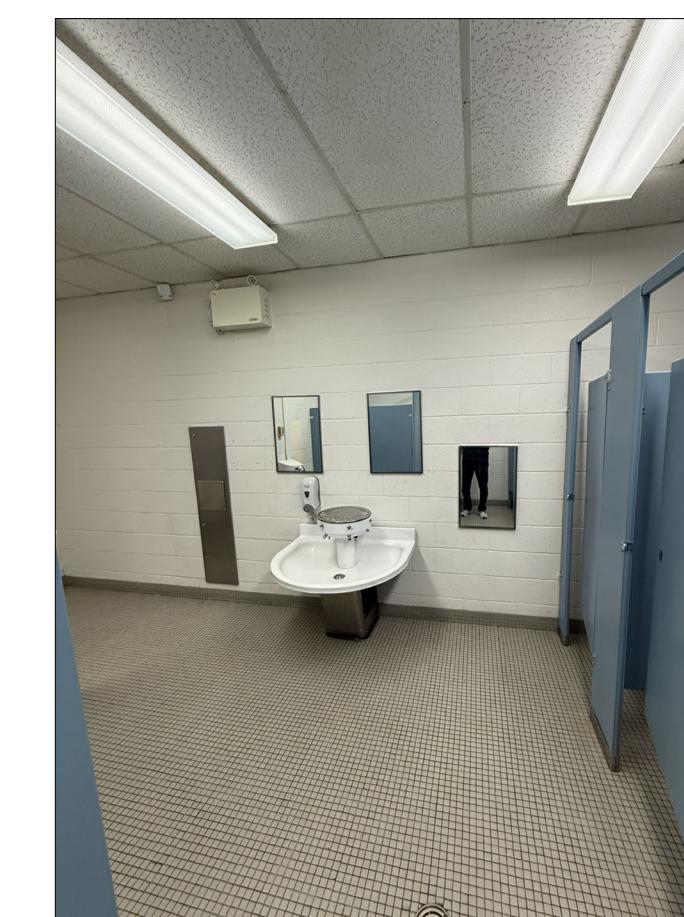
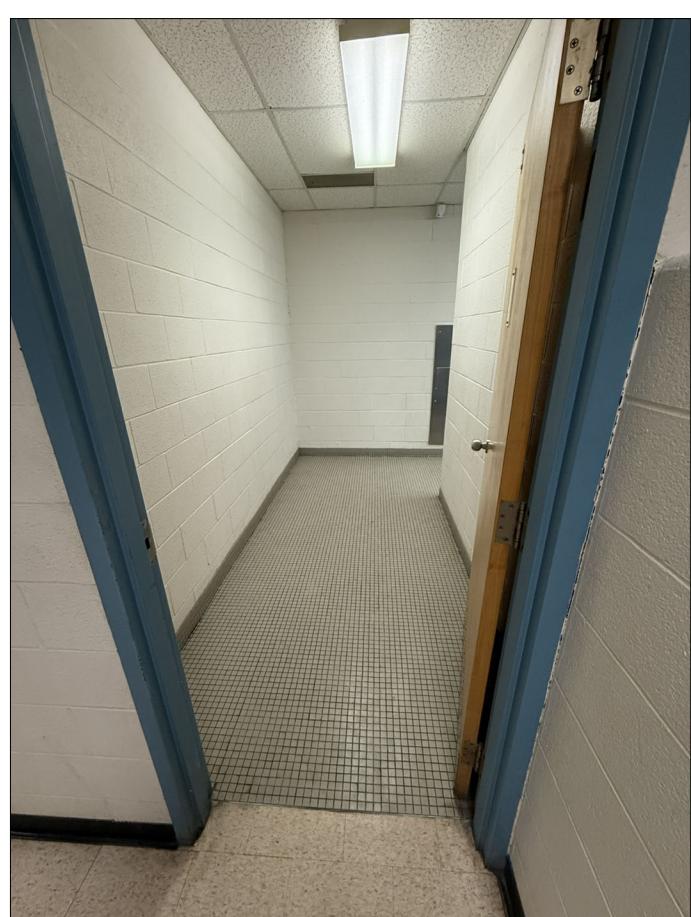
PLOT SCALE: 1:12 AT 24"X36" SHEET SIZE. READ DRAWING ACCORDINGLY.  
PLOT SCALE: 1:2 AT 11"X17" SHEET SIZE. READ DRAWING ACCORDINGLY.



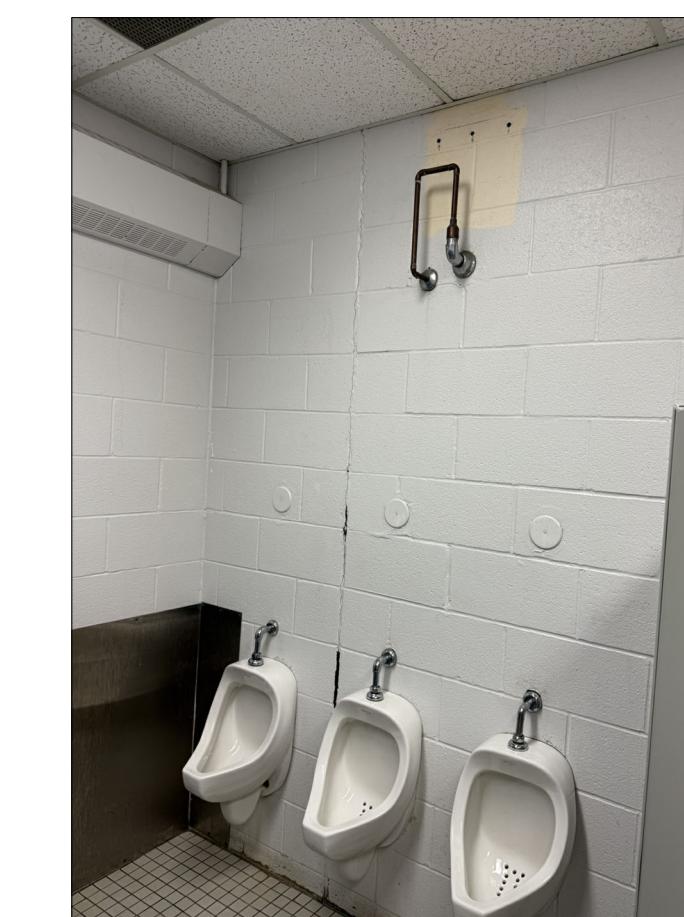
ALL DRAWINGS ARE THE PROPERTY  
OF THE ARCHITECT  
DO NOT SCALE DRAWINGS.



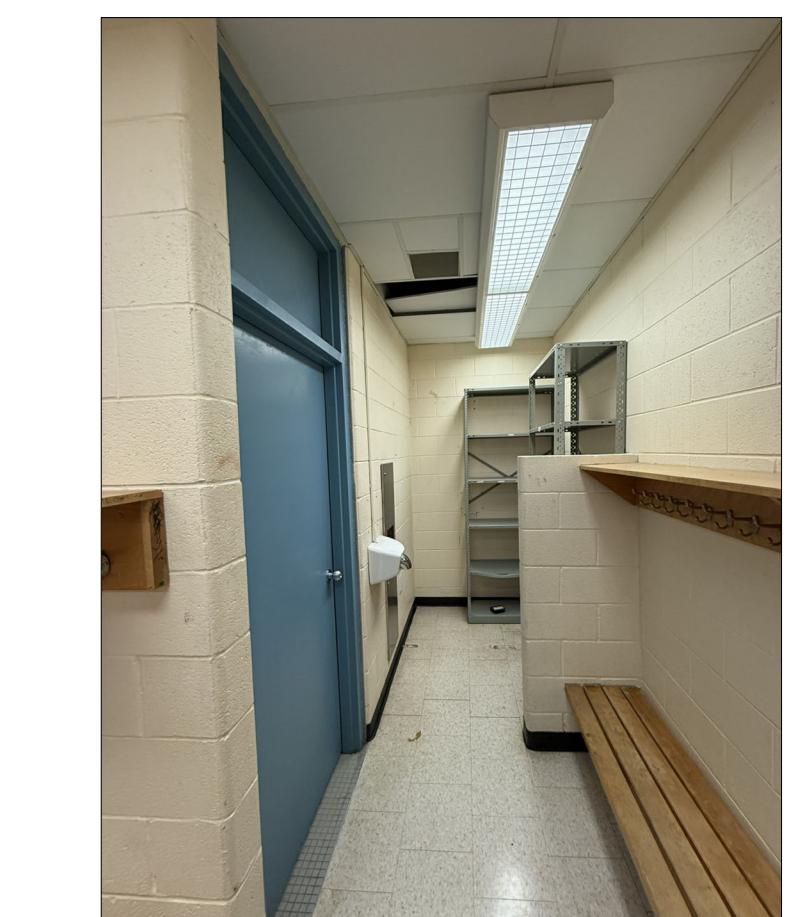
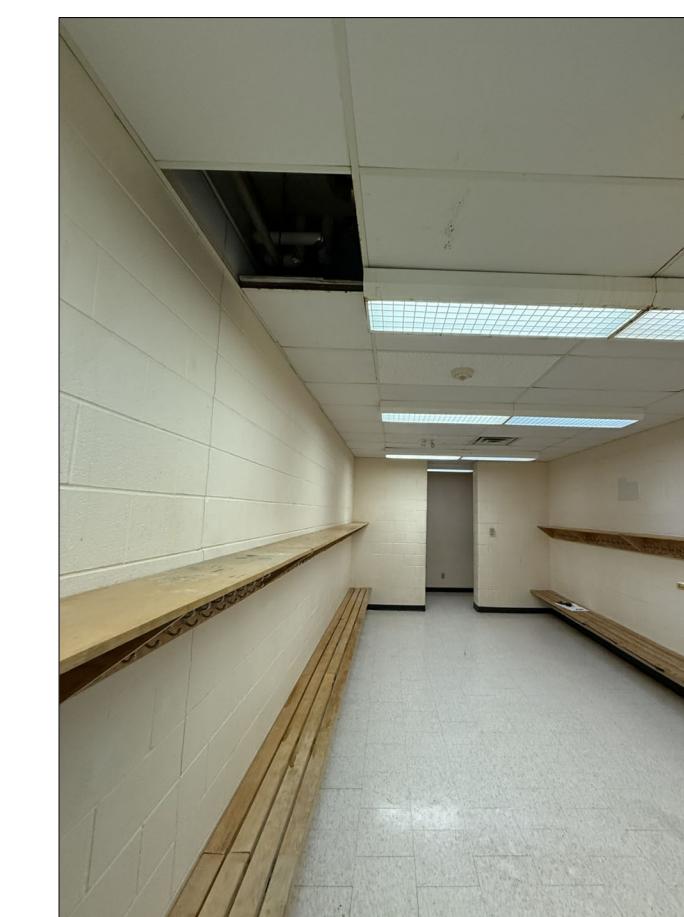
1 EXISTING PHOTOS – CORRIDOR 200



2 EXISTING GIRLS WR 216



3 EXISTING BOYS WR 217



4 EXISTING GIRLS CHANGE RM 130B

3	FEB 5 2026	ISSUED FOR PERMIT AND TENDER
2	JAN 30 2026	ISSUED FOR CLIENT REVIEW
1	DEC 5 2025	ISSUED FOR REVIEW

Revisions, Issues

Project:  
**WASHROOM RENOVATIONS**  
**BELLWOOD PS**

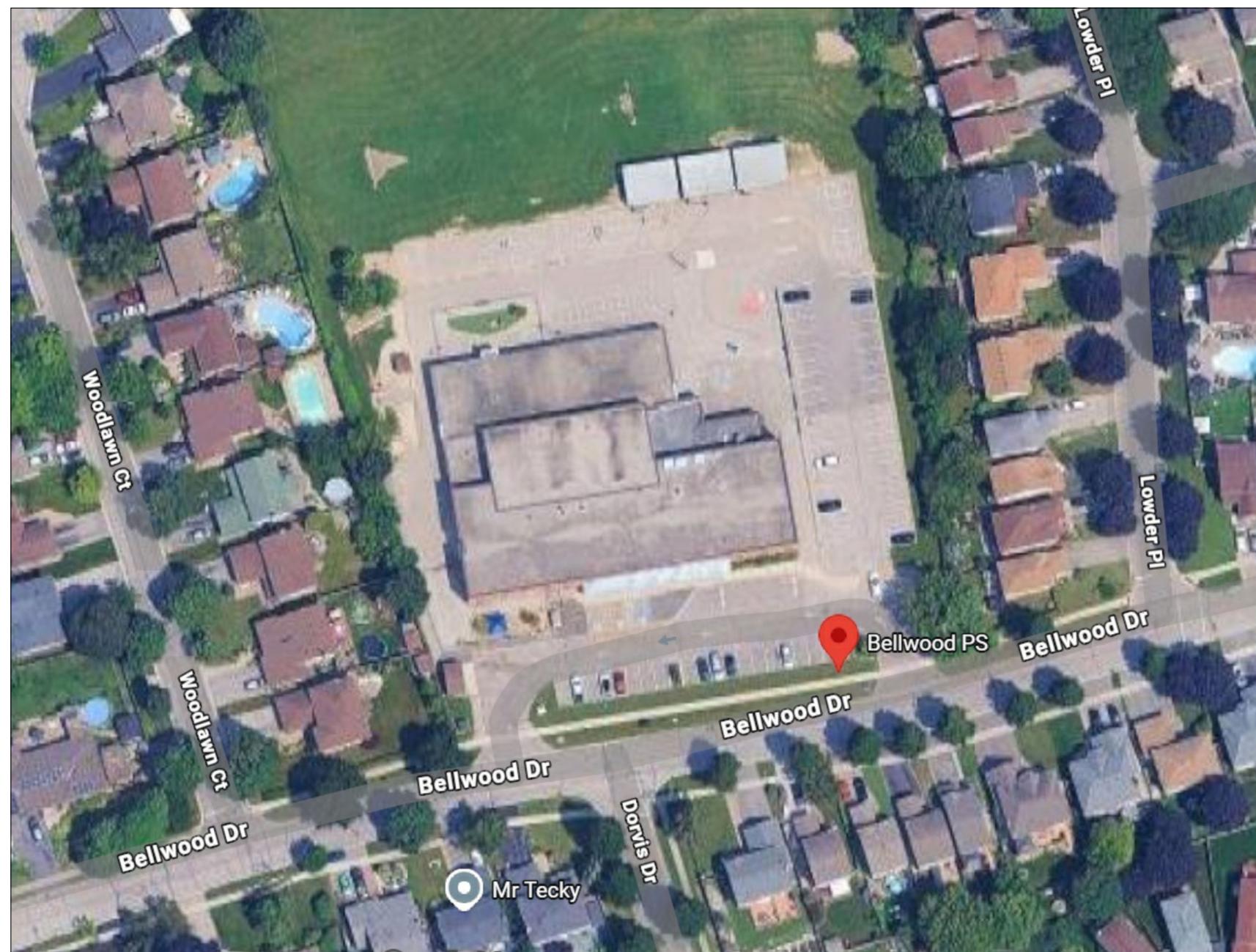
30 BELLWOOD DR.  
WHITBY, ON L1N 8M4

T26-12  
PLOT SCALE: 1:1 AT 24"X36" SHEET SIZE. READ DRAWING ACCORDINGLY.  
PLOT SCALE: 1:2 AT 11"X17" SHEET SIZE. READ DRAWING ACCORDINGLY.

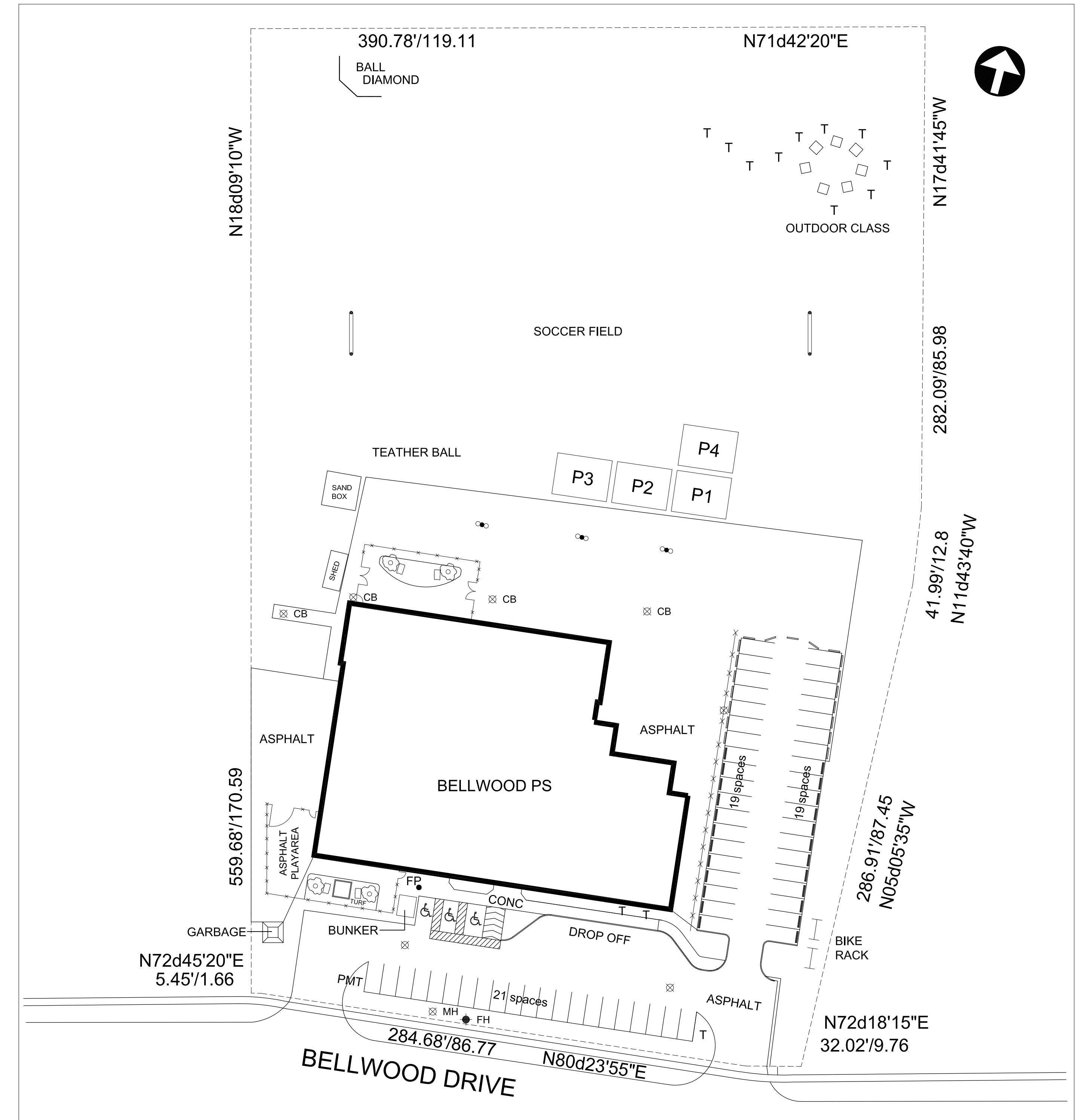
Title: EXISTING PROJECT  
PHOTOS

Scale: As Noted	Date: DEC 1 2025	Drawing: A004
Project: 25-30	Drawn By:	

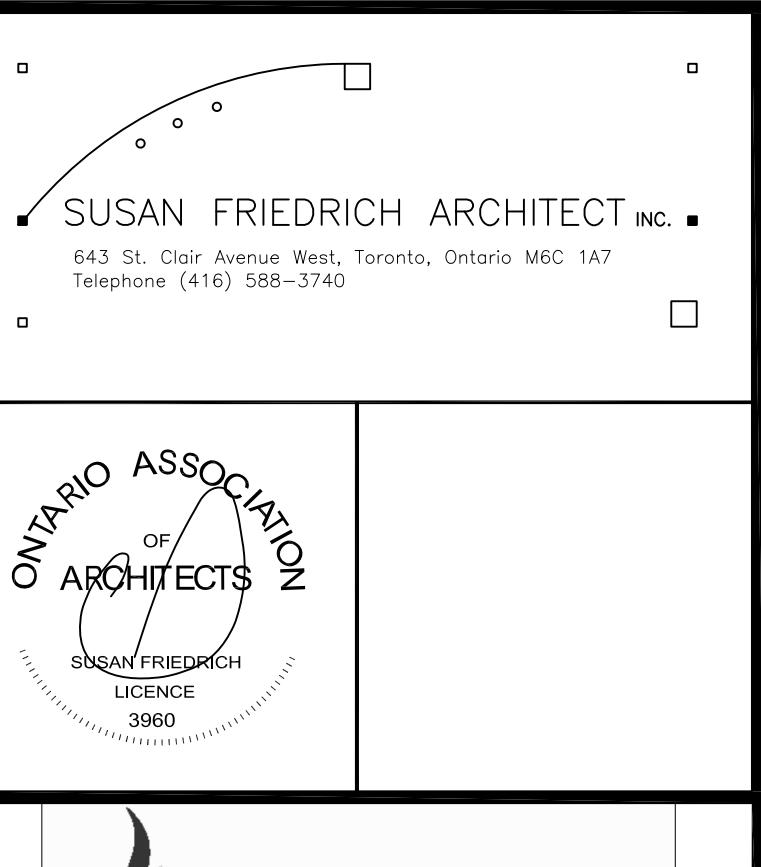
DATE PLOTTED: FEB 05 2026



2 EXISTING AERIAL LOCATION PLAN  
SCALE NTS



1 EXISTING SITE PLAN  
SCALE 1:500



ALL DRAWINGS ARE THE PROPERTY  
OF THE ARCHITECT  
DO NOT SCALE DRAWINGS.

3	FEB 5 2026	ISSUED FOR PERMIT AND TENDER
2	JAN 30 2026	ISSUED FOR CLIENT REVIEW
1	DEC 5 2025	ISSUED FOR REVIEW

Revisions, Issues

Project: **WASHROOM RENOVATIONS**  
**BELLWOOD PS**

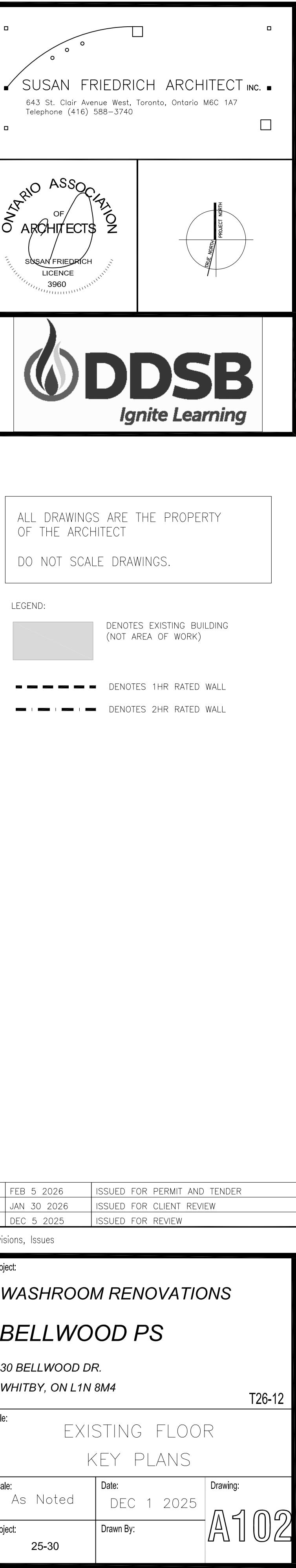
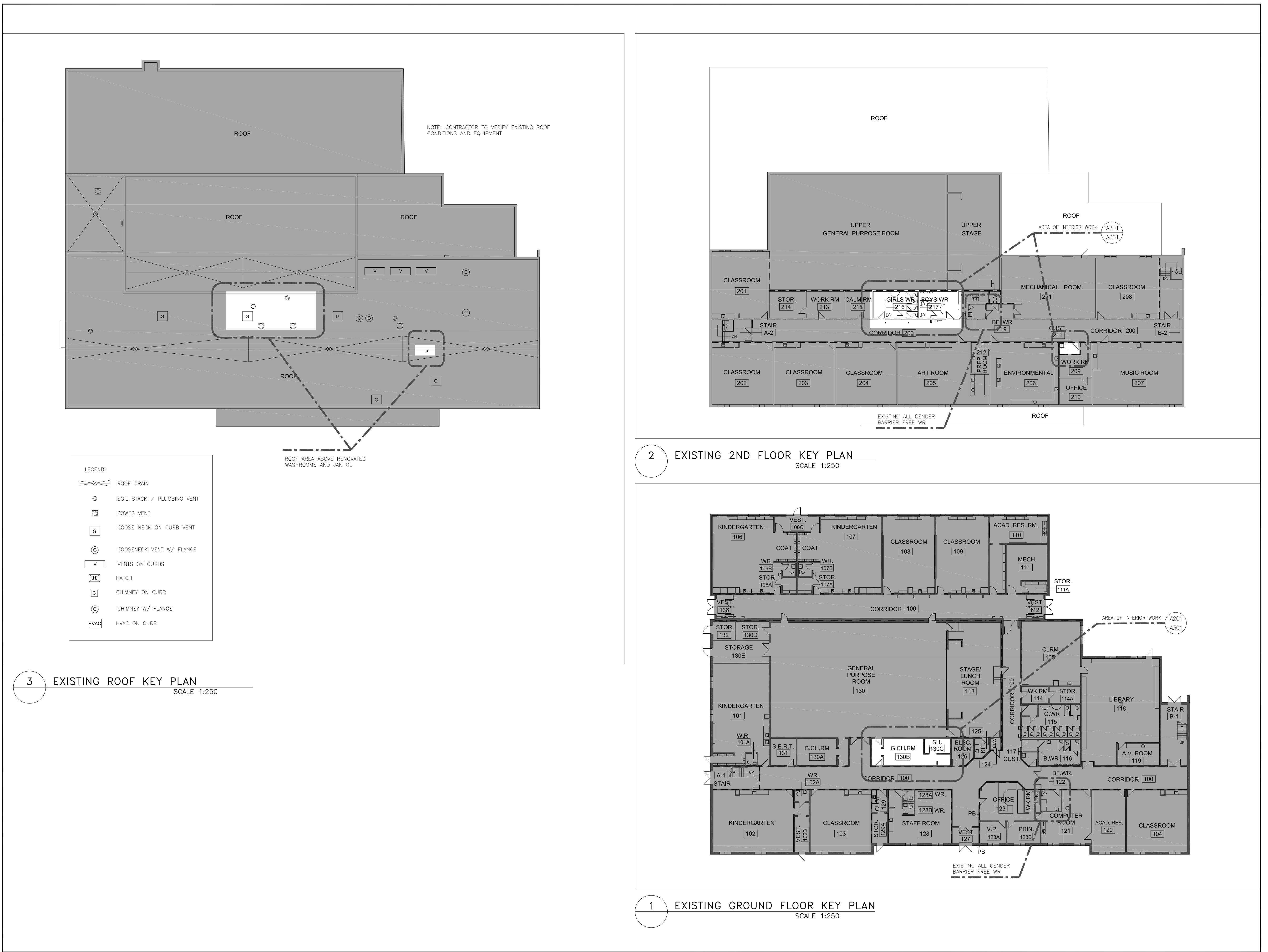
30 BELLWOOD DR.  
WHITBY, ON L1N 8M4

Title: EXISTING SITE PLAN

Scale: As Noted Date: NOV 28 2025 Drawing: A101

Project: 25-30 Drawn By:

DATE PLOTTED: FEB 05 2026



### DEMOLITION NOTES:

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.

1 AT EXISTING GIRLS WASHROOM 216, AND BOYS WASHROOM 217:

- REMOVE FLOOR AND WALL FINISHES, FIXTURES, TOILET PARTITIONS, WR ACCESSORIES
- REMOVE WALL PARTITIONS BETWEEN WASHROOMS AND AT ENTRY AREAS AS NOTED ON PLAN
- PREPARE EXISTING FLOOR AT NEW WRs AND NEW CORRIDOR AREA TO SLOPE TO NEW FLOOR DRAIN AND LEVELLED FOR NEW FLOORING AS SPECIFIED
- PREPARE EXISTING FLOOR TO BE LEVELED TO RECEIVE NEW FLOORING AS SPECIFIED (TYPICAL)
- WASHROOM ACCESSORIES TO BE TURNED OVER TO THE SCHOOL
- REMOVE SUSPENDED T-BAR CEILING, CEILING TILES, AND ACCESSORIES
- ALL WALLS, FLOORS, CEILINGS AND BULKHEADS AFFECTED FOR THIS SCOPE OF WORK TO PATCH AND MAKE GOOD ALL DISTURBED AREA TO MATCH EXISTING
- REFER M&E DWGS FOR ALL M&E DEMOLITIONS AND RELOCATIONS
- REFER STRUCTURAL DWGS FOR ALL STRUCTURAL SUPPORT AND DETAILS

2 AT EXISTING CORRIDOR 212:

- REMOVE MASONRY PARTITION, DOORS AND DOOR FRAMES BETWEEN THE CORRIDOR AND EXISTING WASHROOMS AS NOTED ON PLAN.
- REMOVE PARTIAL HEIGHT MASONRY WALL AND ADJACENT SHELVING AS NOTED ON PLAN. TURN OVER SHELVING TO OWNER.
- ALL WALLS, FLOORS, CEILINGS AND BULKHEADS AFFECTED FOR THIS SCOPE OF WORK TO PATCH AND MAKE GOOD ALL DISTURBED AREA TO MATCH EXISTING.
- REFER M&E DWGS FOR ALL M&E DEMOLITIONS AND RELOCATIONS
- REFER STRUCTURAL DWGS FOR ALL STRUCTURAL SUPPORT AND DETAILS

3 ALL DEMOLITIONS AFFECTED FOR THIS SCOPE OF WORK:

- PATCH AND MAKE GOOD ALL DISTURBED AREA TO MATCH EXISTING – TYPICAL

4 ALL M&E DEMOLITION/RELOCATIONS REFER M&E DWGS – TYPICAL

- ALL OPENINGS ON EXISTING WALLS/FLOORS/CEILINGS AFFECTED FOR THIS SCOPE OF WORK TO BE PATCHED AND MAKE GOOD TO MATCH EXISTING + ALL FIRE RATED AREAS TO BE FIRESTOPPED AND SMOKE SEALED WITH RATED MATERIAL TO MATCH EXISTING – TYPICAL

5 WHERE EXISTING FLOOR/CEILING AT EXISTING CORRIDOR AFFECTED FOR THIS SCOPE OF WORK AND/OR TO BE CUT FOR NEW M&E SERVICES:

- REMOVE EXISTING VCT AS REQUIRED AND SUPPLY/INSTALL NEW VCT TO MATCH EXISTING (TYP.)
- REMOVE AND REWORK EXISTING ACT/GWB CEILING AS NEEDED TO SUIT ALL NEW M&E WORK
- PATCH AND MAKE GOOD ALL DISTURBED AREA TO MATCH EXISTING (TYP.)
- REFER M&E DWGS FOR THE EXTENT OF M&E WORK (TYPICAL)

6 EXISTING WALLS AT CORRIDOR:

- ALL OPENINGS IN THE AREA OF WORK TO BE INFILLED, FIRE STOPPED AND SMOKE SEALED WITH RATED MATERIAL (TYPICAL). NEW MASONRY INFILL TO MATCH EXISTING.

7 REFER STRUCTURAL DWGS FOR ALL STRUCTURAL SUPPORT AND DETAILS (TYPICAL)

8 DUSTPROOF PARTITIONS SHALL CONSIST OF 25 GAUGE STEEL STUDS WITH STABILIZER BAR. EXTEND FROM FLOOR TO THE UNDERSIDE OF CEILING OR ROOF DECK, WITH DUST CONTROL 10 MIL POLYETHYLENE ABOVE CEILING WHERE NEEDED. APPLY 16 MM TYPE X GYPSUM WALL BOARD SCREWED TO STEEL STUDS WITH TAPE JOINTS TO PREVENT DUST GOING INTO OCCUPIED SPACES. LOCKABLE TEMPORARY HOLLOW METAL DOOR AND FRAME INTO WORKSPACE TO PREVENT STAFF OR STUDENTS FROM ENTERING.

9 ALL ITEMS EXISTING NOT INCORPORATED INTO THE REVISED LAYOUT TO BE REMOVED AND DISPOSED OF UNLESS NOTED. MAKE GOOD ALL DISTURBED SURFACES, ADJACENT FLOORS, WALLS AND CEILINGS TO MATCH EXISTING AFTER COMPLETION OF WORK, UNLESS OTHERWISE NOTED.  
ALL ABANDONED ELECTRIC PANELS, EQUIPMENT, CONDUIT, ETC., TO BE REMOVED

GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS ON SITE PRIOR TO INSTALLATION OF NEW WORK

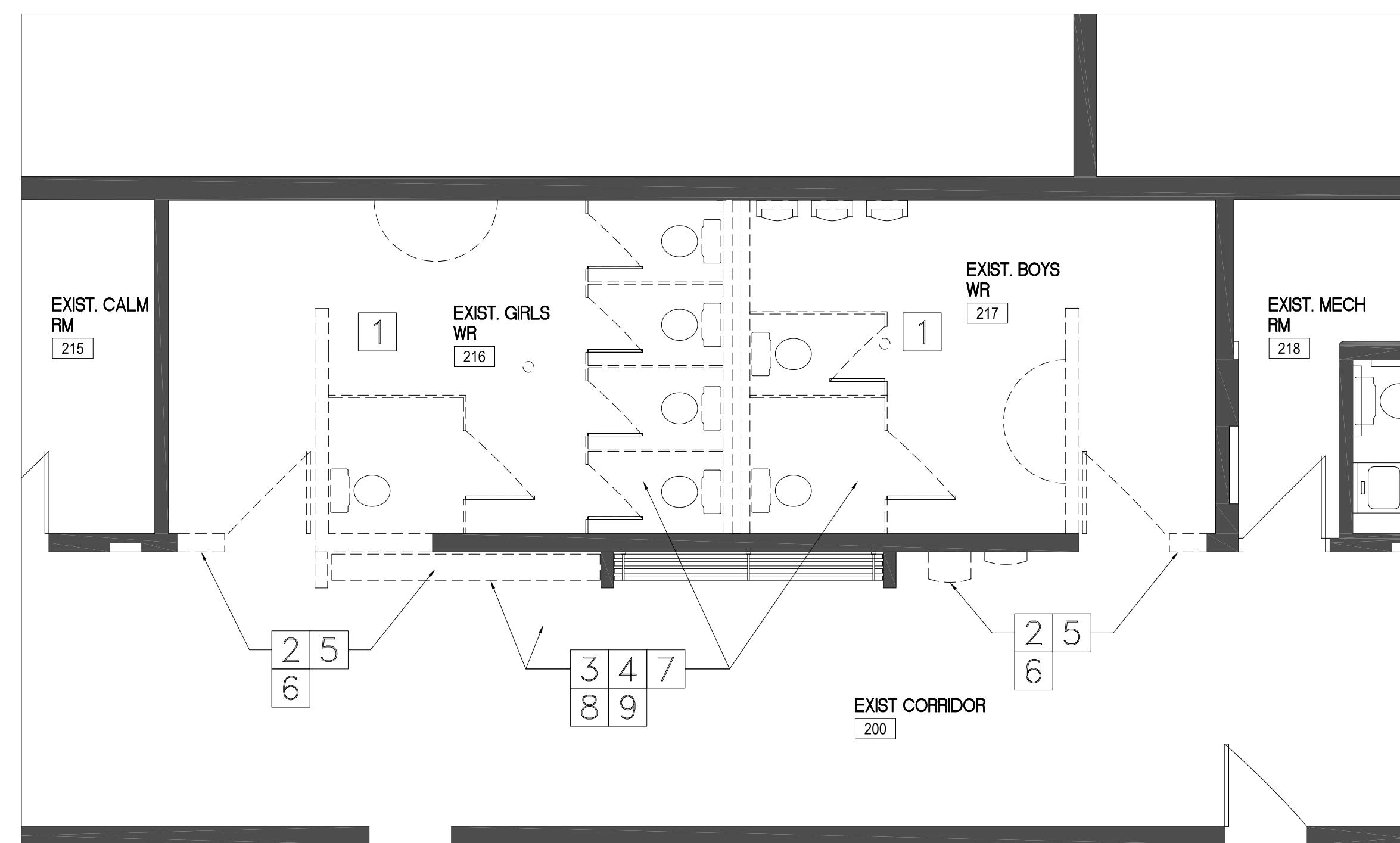
10 REMOVE EXISTING ACT CEILING AS REQUIRED TO SUIT NEW M&E SERVICES. RESTORE, PATCH AND MAKE GOOD ALL DISTURBED AREAS TO MATCH EXISTING.

## CONCRETE CUTTING AND CORING

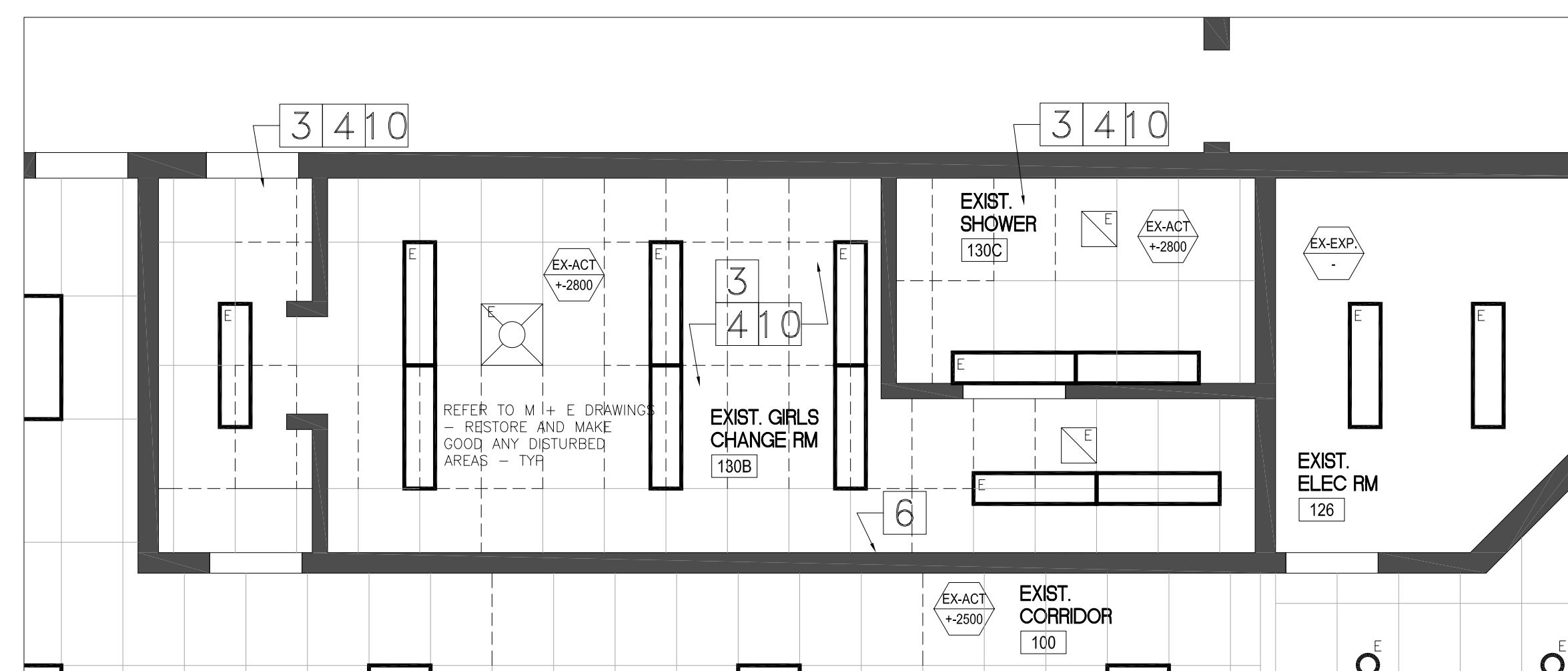
1. PRIOR TO CUTTING OR CORING ANY CONCRETE SLAB OR ON GRADE, OR ANY CONCRETE BEAM, INVESTIGATE BY TELEMETRICALLY SCANNING THE ELEMENT FOR PRESENCE OF EMBEDDED SERVICES (PIPEING, CABLING, CONDUIT, ETC.), AND FOR LOCATIONS OF REINFORCING STEEL IN CONCRETE SLABS AND BEAMS.
2. ACCEPTABLE TELEMETRIC SCANNING SYSTEMS INCLUDE:
  - a) X-RAY SCANNING OF SLABS AND FOR CONCRETE BEAMS.  
(GROUND-PENETRATING) RADAR FOR SLAB ON GRADE, FOR SLABS AND FOR CONCRETE BEAMS.
  - b) MAGNETIC RADIO SCANNERS NOT ACCEPTABLE FOR TELEMETRIC SCANNING.  
THE TERM X-RAYS INCLUDE GAMMA RAY METHODS, AND PROCEDURES THAT USE ELECTRICALLY GENERATED X-RAYS.
  - c) WHERE X-RAYS EMPLOYED:
    - I. PROVIDE OWNER MINIMUM 5 WORKING DAYS ADVANCE NOTICE OF SCANNING TIME IN ORDER TO PROVIDE SUFFICIENT ADVANCE NOTICE TO PERSONNEL THAT MAY BE AFFECTED BY THE X-RAY WORK.
    - II. CONFORM TO OWNER'S RADIATION PROTECTION REQUIREMENTS PRIOR TO START OF ANY XRAY WORK.
    - III. PROVIDE OWNER AND CONSULTANT WITH INSPECTION AGENCY'S WRITTEN REPORT, SUMMARIZING INVESTIGATIONS AND CONCLUSIONS.
    - IV. OBTAIN CONSULTANT'S DIRECTION WHERE INVESTIGATIONS REVEAL THAT CUTTING OR CORING REQUIRED IN CONTRACT WOULD CUT OR DAMAGE EMBEDDED SERVICES, OR CUT OR DAMAGE REINFORCING STEEL IN CONCRETE SLABS OR BEAMS.
    - V. EXECUTE CUTTING AND CORING TO PREVENT DAMAGE TO ALL EMBEDDED SERVICES. MAKE GOOD ALL DAMAGE ARISING FROM CUTTING EMBEDDED SERVICES.
    - VI. EXECUTE CUTTING AND CORING TO PREVENT DAMAGE (CUTTING IN WHOLE OR IN PART) REINFORCING STEEL IN CONCRETE SLABS WITH CONSULTANT'S PRIOR AUTHORIZATION.
    - VII. MAKE GOOD ALL DAMAGE ARISING FROM CUTTING REINFORCING STEEL IN CONCRETE SLABS AND BEAMS.

#### ADDITIONAL CEILING DEMOLITION NOTES:

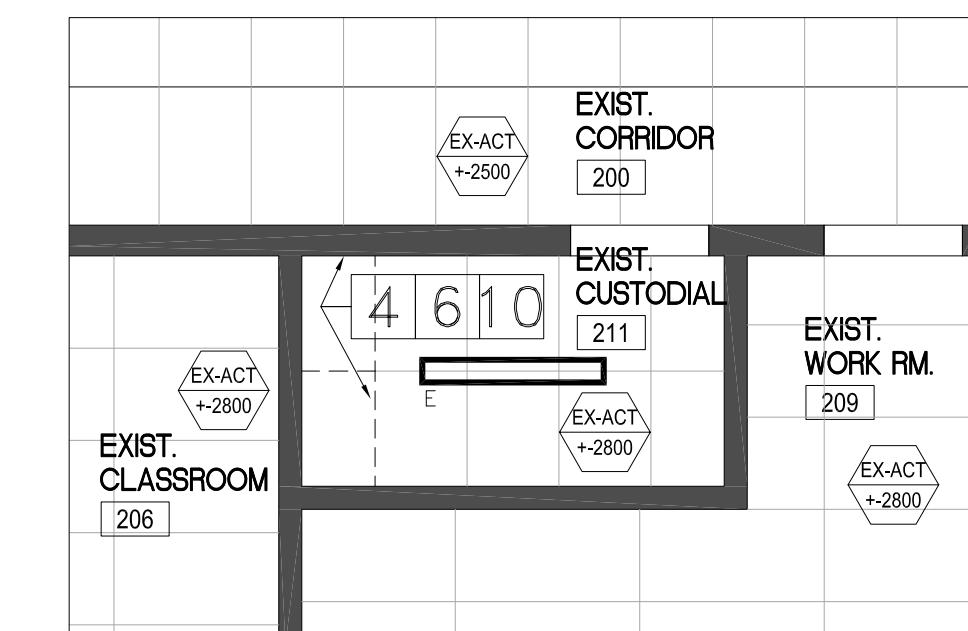
- FOR ALL M&E DEMOLITION/RELOCATIONS (ON WALLS AND CEILING) INCLUDING BUT NOT LIMITED TO HVAC DIFFUSERS RETURNS; EXHAUST FANS; SPRINKLERS; ETC. REFER TO M&E DWGS (TYPICAL)
- WHERE EXISTING ACT/GWB CEILING AFFECTED FOR THIS SCOPE OF WORK FOR NEW M&E SERVICES:
  - REMOVE AND REWORK EXISTING ACT/GWB CEILING AS NEEDED TO SUIT ALL NEW M&E WORK
  - REFER M&E DWGS FOR THE EXTENT OF M&E WORK (TYP.)
- PATCH AND MAKE GOOD ALL DISTURBED AREA TO MATCH EXISTING (TYP.)
- ALL DISTURBED FIREPROOFING AREA TO BE RESTORED, FIRE-STOPPED AND SMOKE SEALED TO MATCH EXISTING TYP



1 PART 2ND FLOOR DEMOLITION PLAN  
AT EXISTING CORRIDOR AND WASHROOMS SCALE 1:50



2 PART GROUND FL RCP DEMOLITION PLAN  
EXIST CHANGE RM SCALE 1:50



3 PART 2ND FL RCP DEMO PLAN  
EXIST CUSTODIAL. 211 SCALE 1:50

SUSAN FRIEDRICH ARCHITECT INC.

643 St. Clair Avenue West, Toronto, Ontario M6C 1A7

Telephone (416) 588-3740

ONTARIO ASSOCIATION OF ARCHITECTS

SUSAN FRIEDRICH

LICENCE

3960

PROJECT NORTH

TRUE NORTH

**DDSB**  
*ignite Learning*

ALL DRAWINGS ARE THE PROPERTY  
OF THE ARCHITECT

DO NOT SCALE DRAWINGS.

FEB 5 2026	ISSUED FOR PERMIT AND TENDER
JAN 30 2026	ISSUED FOR CLIENT REVIEW
DEC 5 2025	ISSUED FOR REVIEW

### visions, Issues

project:

#### TEAMWORK

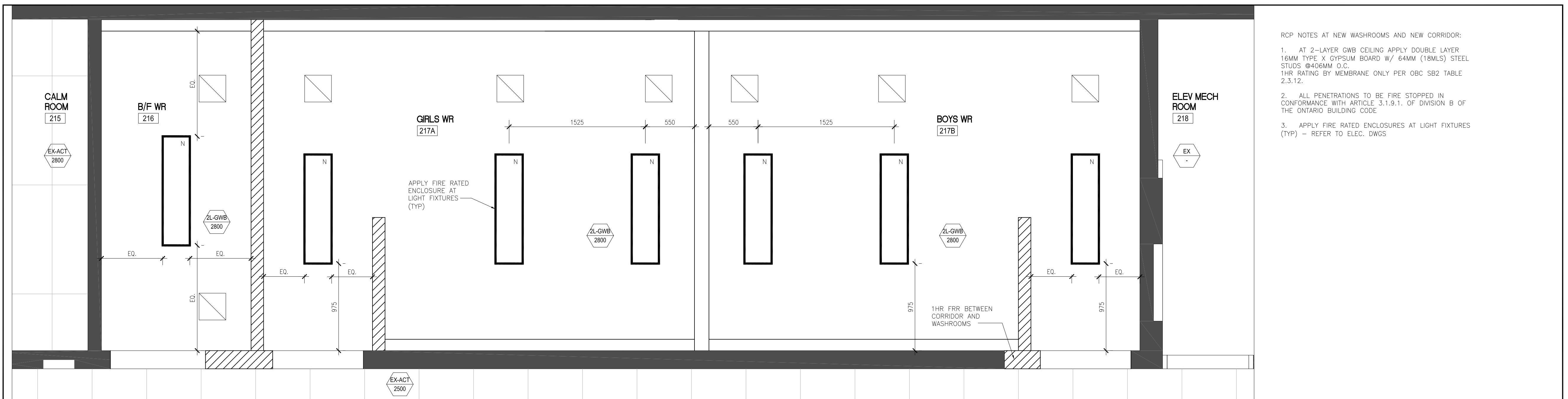
30 BELLWOOD DR.  
WILMINGTON, NC 28311-3004

T26-12

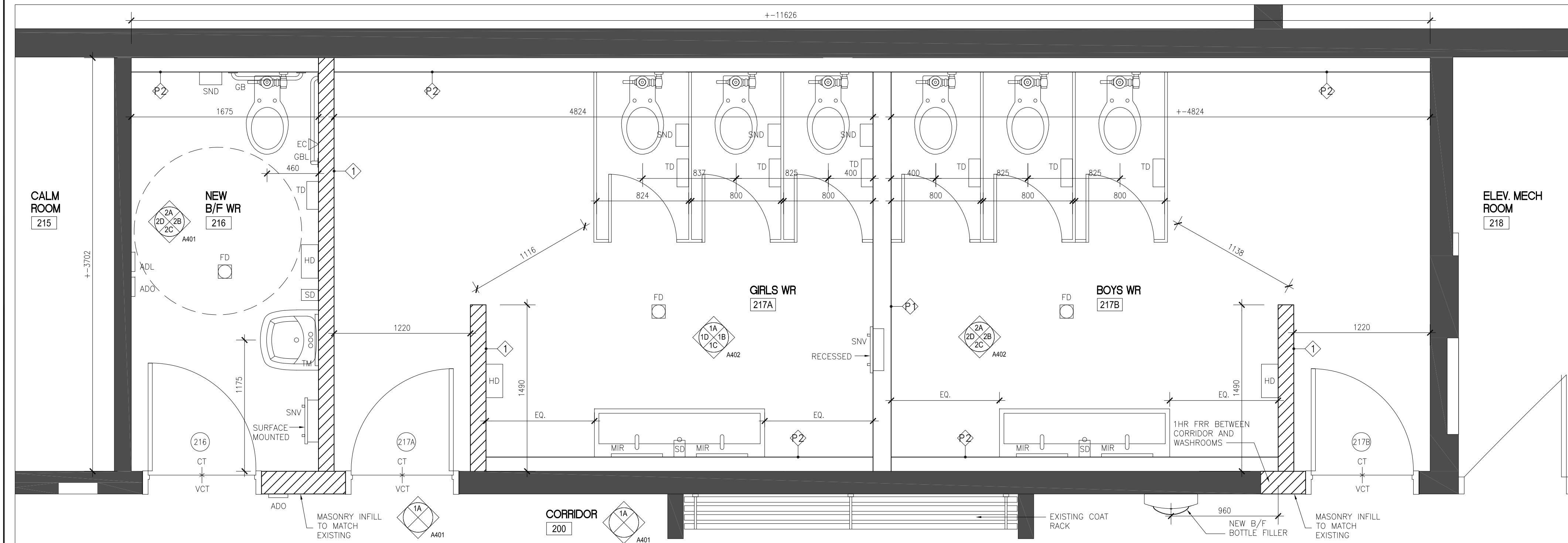
---

---

201

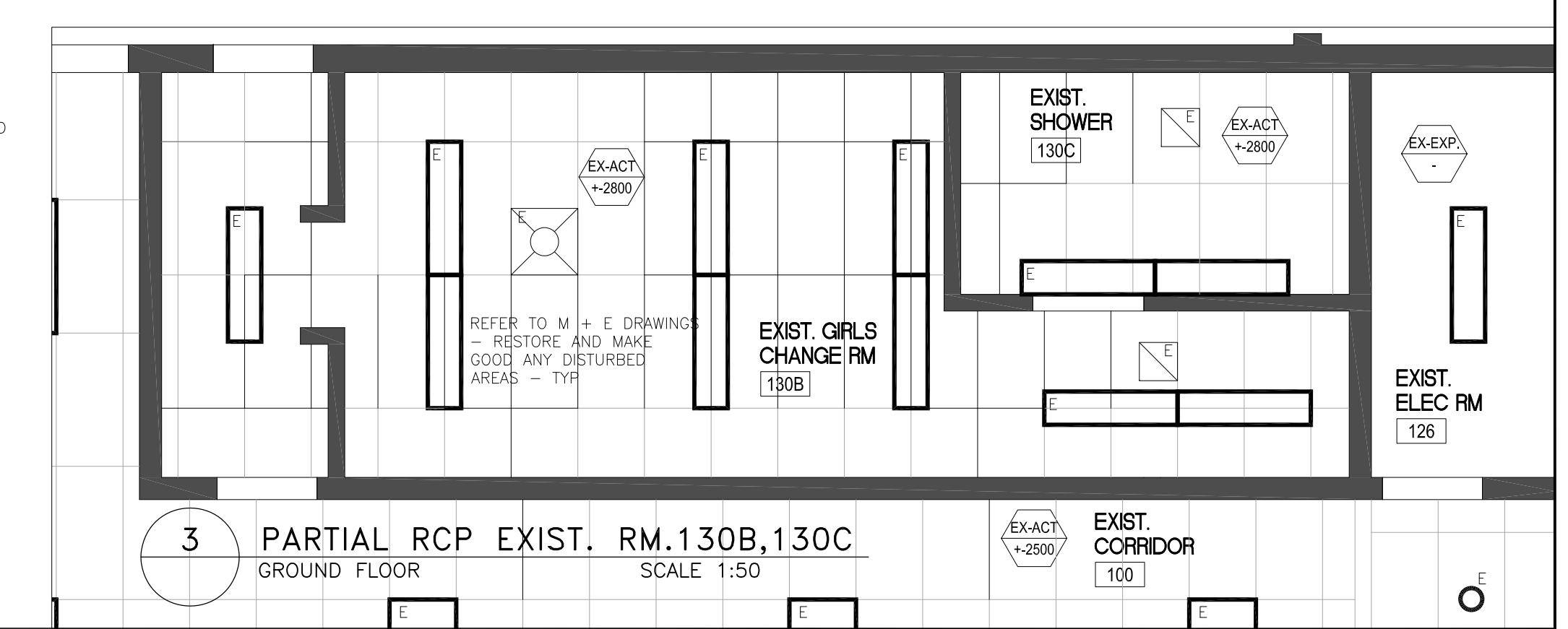
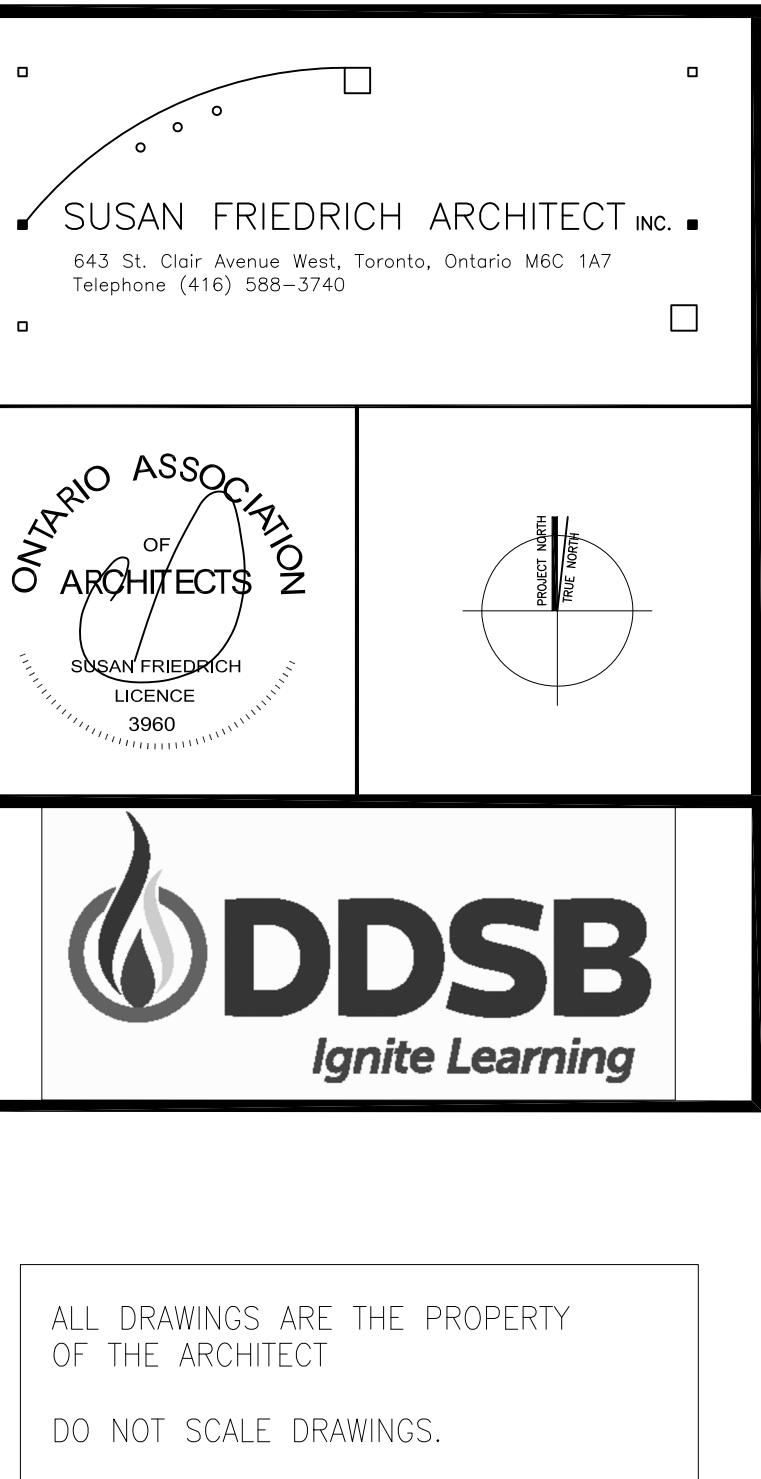


1 PARTIAL 2ND FLOOR RCP - NEW WASHROOMS  
SCALE 1:25



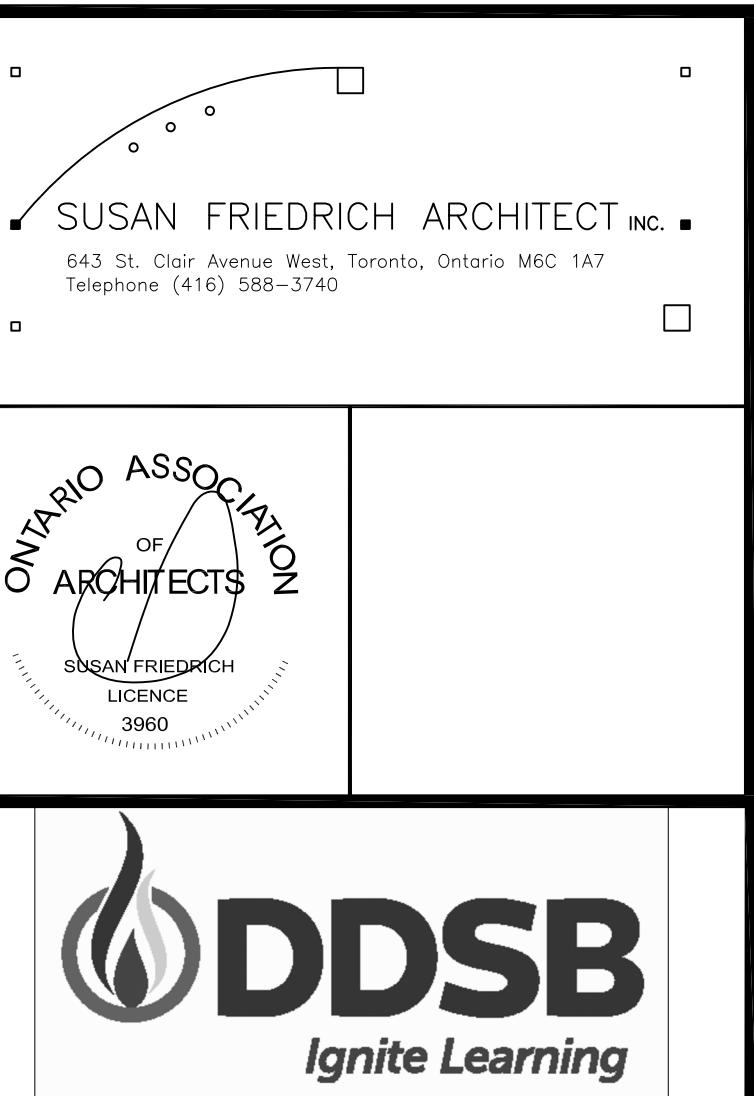
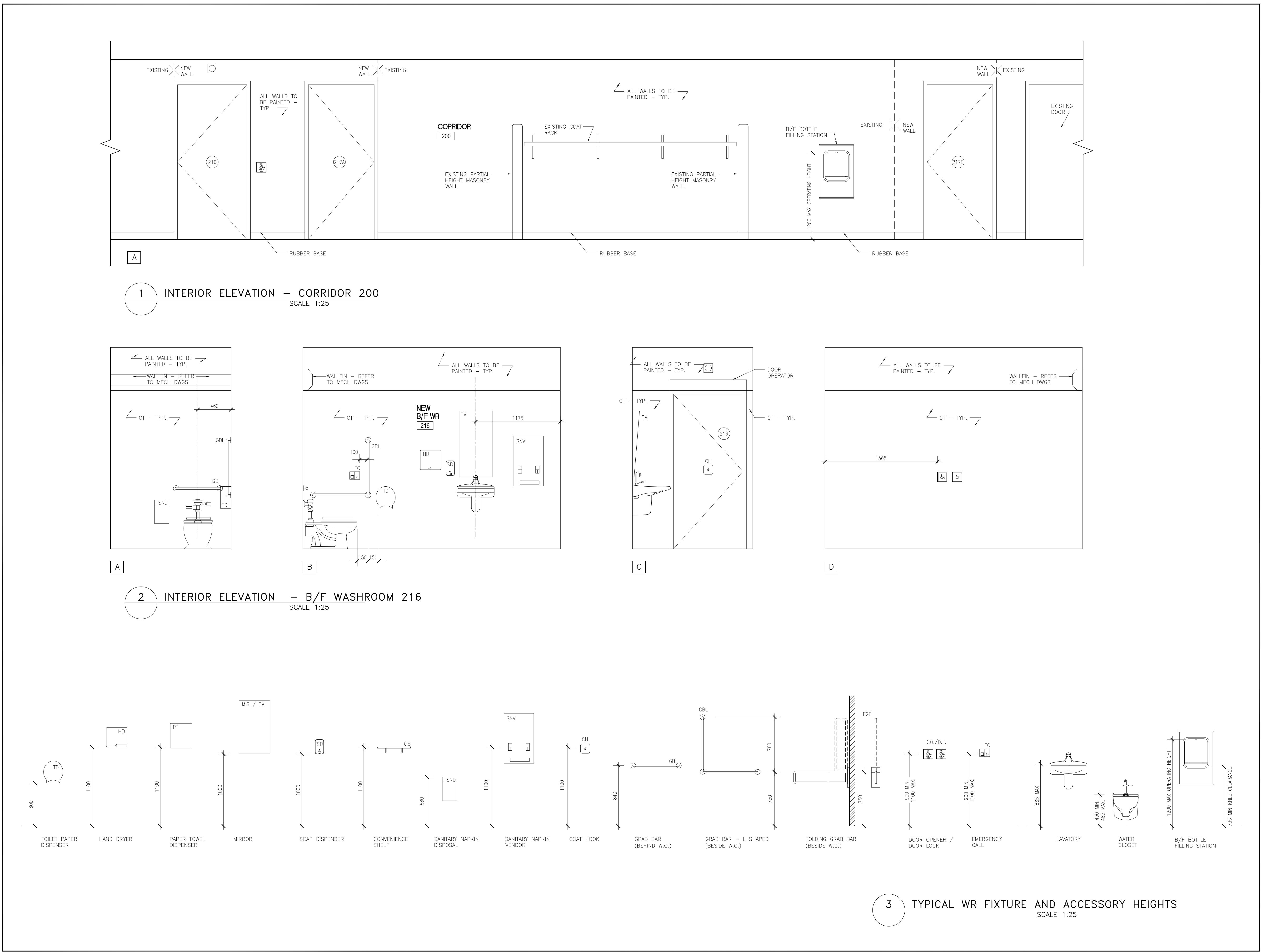
2 PARTIAL 2ND FLOOR PLAN - NEW WASHROOMS  
SCALE 1:25

RCP NOTES AT NEW WASHROOMS AND NEW CORRIDOR:  
1. AT 2-LAYER GWB CEILING APPLY DOUBLE LAYER  
16MM TYPE X CYPNUM BOARD W/ 64MM (18MLS) STEEL  
STUDS @406MM O.C.  
1HR RATING BY MEMBRANE ONLY PER OBC SB2 TABLE  
2.3.12.  
2. ALL PENETRATIONS TO BE FIRE STOPPED IN  
CONFORMANCE WITH ARTICLE 3.1.9.1. OF DIVISION B OF  
THE ONTARIO BUILDING CODE  
3. APPLY FIRE RATED ENCLOSURES AT LIGHT FIXTURES  
(TYP) - REFER TO ELEC. DWGS



Revisions, Issues

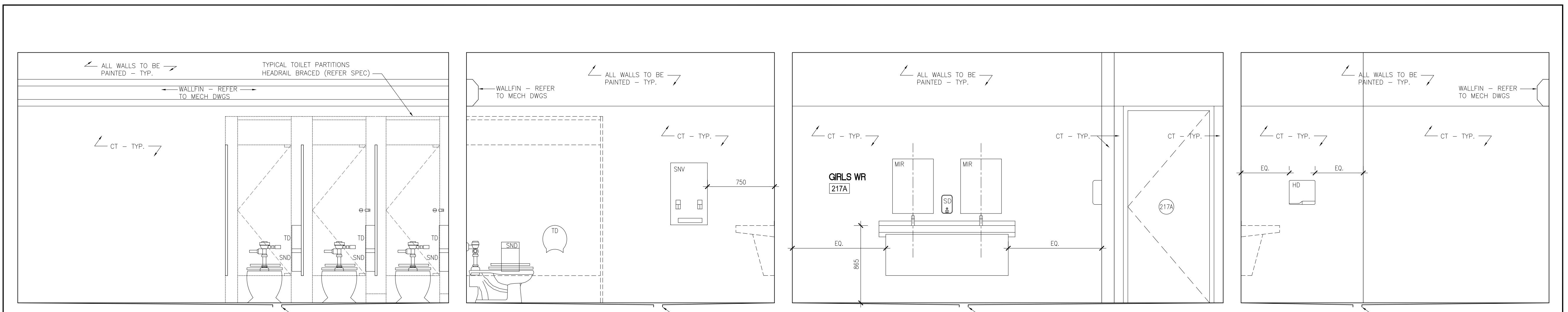
Project:	WASHROOM RENOVATIONS		
BELLWOOD PS			
30 BELLWOOD DR. WHITBY, ON L1N 8M4			
T26-12			
Title: PART FLOOR PLANS + RCP			
Scale:	As Noted	Date:	DEC 2 2025
Project:	25-30	Drawn By:	A301
Drawing:			



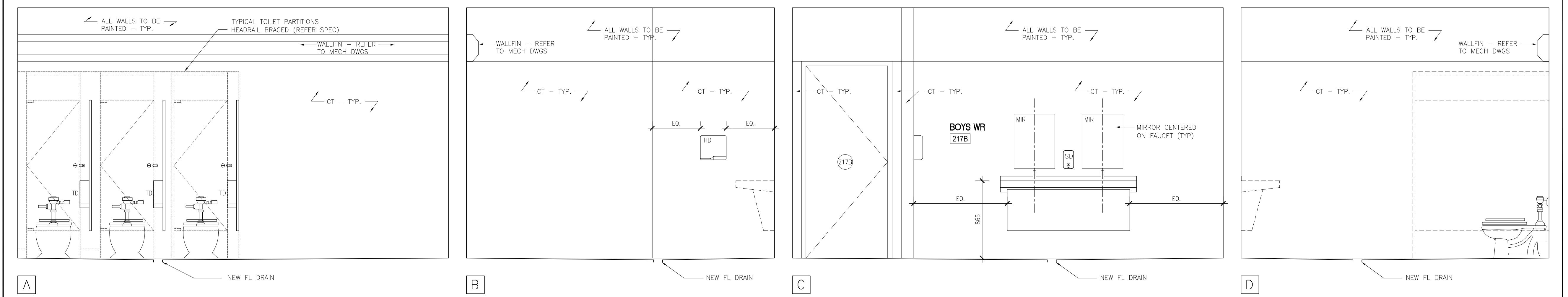
ALL DRAWINGS ARE THE PROPERTY OF THE ARCHITECT  
DO NOT SCALE DRAWINGS.

3 FEB 5 2026 ISSUED FOR PERMIT AND TENDER  
2 JAN 30 2026 ISSUED FOR CLIENT REVIEW  
1 DEC 5 2025 ISSUED FOR REVIEW

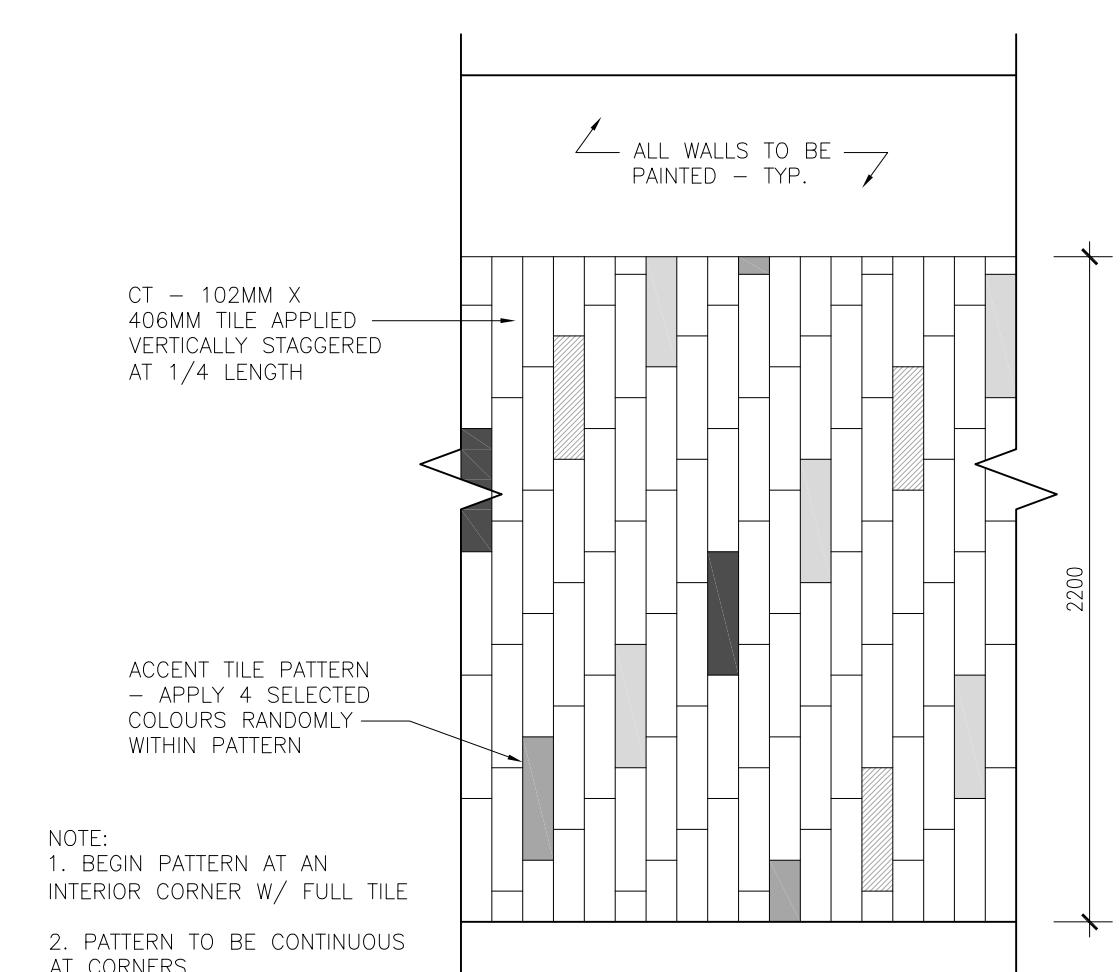
Revisions, Issues



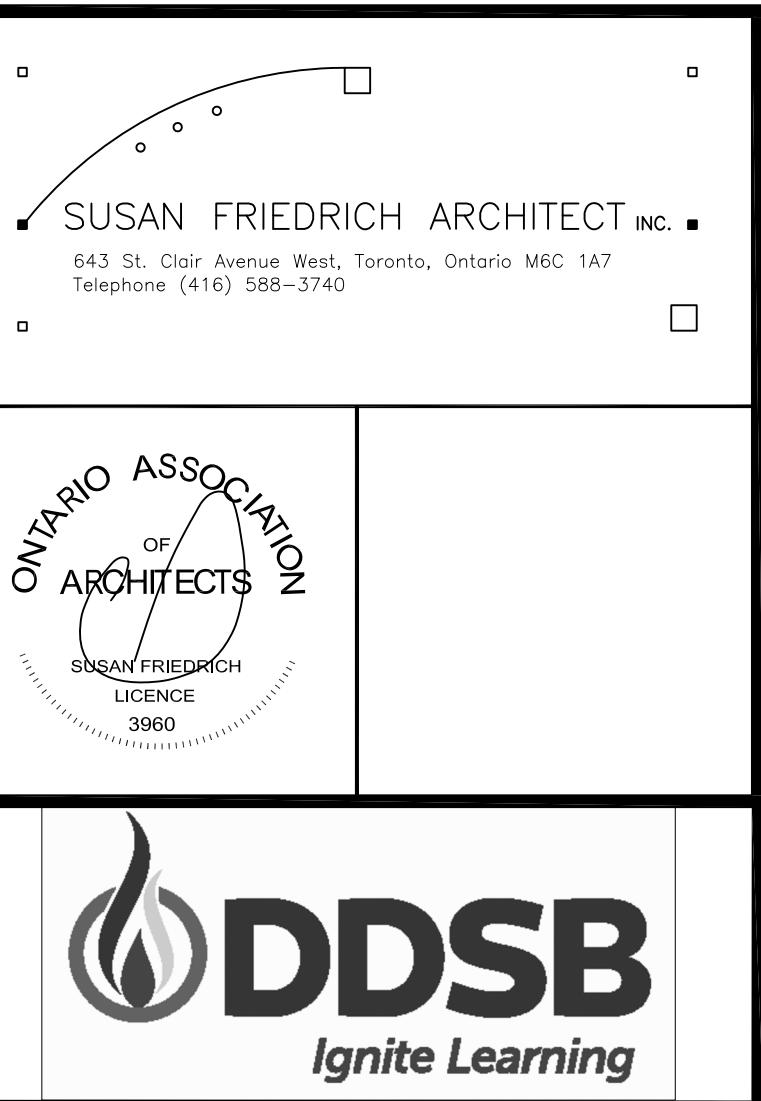
1 INTERIOR ELEVATION - GIRLS WR 217A  
SCALE 1:25



2 INTERIOR ELEVATION - BOYS WR 217B  
SCALE 1:25



3 TYPICAL WALL TILE PATTERN  
SCALE 1:25



ALL DRAWINGS ARE THE PROPERTY  
OF THE ARCHITECT  
DO NOT SCALE DRAWINGS.

3	FEB 5 2026	ISSUED FOR PERMIT AND TENDER
2	JAN 30 2026	ISSUED FOR CLIENT REVIEW
1	DEC 05 2025	ISSUED FOR REVIEW

Revisions, Issues

Project:  
**WASHROOM RENOVATIONS**

**BELLWOOD PS**

30 BELLWOOD DR.  
WHITBY, ON L1N 8M4

T26-12  
PLOT SCALE: 1:1 AT 24"X36" SHEET SIZE. READ DRAWING ACCORDINGLY.  
• PLOT SCALE: 1:2 AT 11"X17" SHEET SIZE. READ DRAWING ACCORDINGLY.

Title: **INTERIOR ELEVATIONS**

Scale: As Noted	Date: DEC 3 2025	Drawing: A402
Project: 25-30	Drawn By: SUSAN FRIEDRICH	

DATE PLOTTED: FEB 05 2026

### ROOM FINISH SCHEDULE - 2nd FLOOR

ROOM NUMBER	ROOM NAME	CEILING		WALL		FLOOR		BASE		REMARKS
		N.	E.	S.	W.	RESILIENT FLOOR	CEMETIC TILE	RESILIENT BASE		
130B	EX. GIRLS CHANGE RM	T-BAR/ACT GWB/CING. PAINTED	PT. EXIST. WALL MAKE GOOD	CMU - PAINTED PT. EXIST. WALL MAKE GOOD	CMU - PAINTED PT. EXIST. WALL MAKE GOOD	RESILIENT FLOOR TO MATCH EXIST. VCT	CEMETIC TILE	RESILIENT BASE		
130C	EX. SHOWER RM	EXIST. T-BAR/ACT CLG. MAKE GOOD GWB CLG. MAKE GOOD AND PAINT	CEMETIC TILE	CEMETIC TILE	CEMETIC TILE					
216	NEW B/F WR	GW3 - PAINTED	EXIST. MAKE GOOD	GW3 - PAINTED	GW3 - PAINTED					
217A	NEW GIRLS WR	GW3 - PAINTED	EXIST. MAKE GOOD	GW3 - PAINTED	GW3 - PAINTED					
217B	NEW BOYS WR	GW3 - PAINTED	EXIST. MAKE GOOD	GW3 - PAINTED	GW3 - PAINTED					
200	EXISTING CORRIDOR	GW3 - PAINTED	EXIST. MAKE GOOD	GW3 - PAINTED	GW3 - PAINTED					
211	EXISTING CUSTODIAL	GW3 - PAINTED	EXIST. MAKE GOOD	GW3 - PAINTED	GW3 - PAINTED					

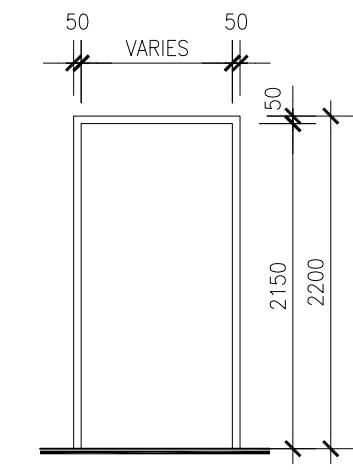
\*\* EXISTING CORRIDORS AT 1ST AND 2ND FLOOR + EXISTING CEILINGS AFFECTED FOR THIS SCOPE OF WORK - PATCH, MAKE GOOD AND PAINT ALL DISTURBED AREA TO MATCH EXISTING TYPICAL

NOTE: REFER TO PLANS, ELEVATIONS AND DETAILS



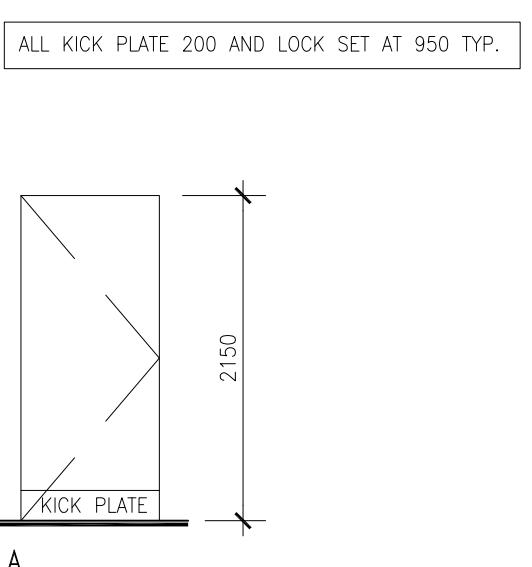
### DOOR SCHEDULE

DOOR NO.	GROUND FLOOR PLAN	SIZE	TYPE	FIRE RATING	MATERIAL OF DOOR FRAME	FINISH	SELF CLOSER	LATCH	LOCK	PANIC	GLAZING	REMARKS	LEGEND:		
													ALUM CA FR/MP HM HCW PT	ALUMINUM CLEAR ANODIZED FIRE-RATED METAL PANEL HOLLOW METAL HOLLOW CORE WD PAINT	IGU IM SCW ST TGL FRG
216	NEW B/F WR 216	965x2150x44	A	45 MIN	HM	HM	PT	○		○					AUTO DOOR OPERATOR, PRIVACY LOCK DOOR SWEEP, KICKPLATE
217A	NEW GIRLS WR 217A	915x2150x44	A	45 MIN	HM	HM	PT	○		○					DOOR SWEEP, KICKPLATE, HOLD OPEN DEVICE, FIRE ALARM ACTIVATED CLOSER
217B	NEW BOYS WR 217B	915x2150x44	A	45 MIN	HM	HM	PT	○		○					DOOR SWEEP, KICKPLATE, HOLD OPEN DEVICE, FIRE ALARM ACTIVATED CLOSER



2 FRAME TYPE

SCALE 1:50



1 DOOR TYPE

SCALE 1:50

3	FEB 5 2026	ISSUED FOR PERMIT AND TENDER
2	JAN 30 2026	ISSUED FOR CLIENT REVIEW
1	DEC 5 2025	ISSUED FOR REVIEW

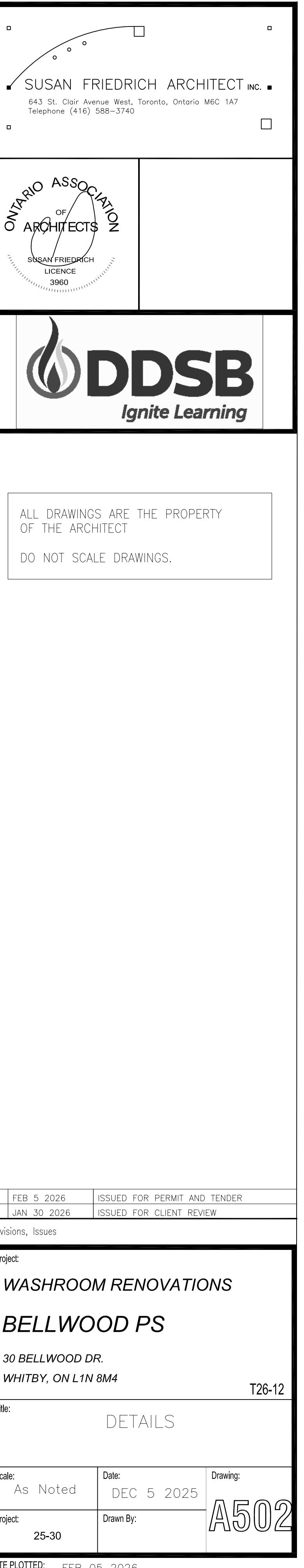
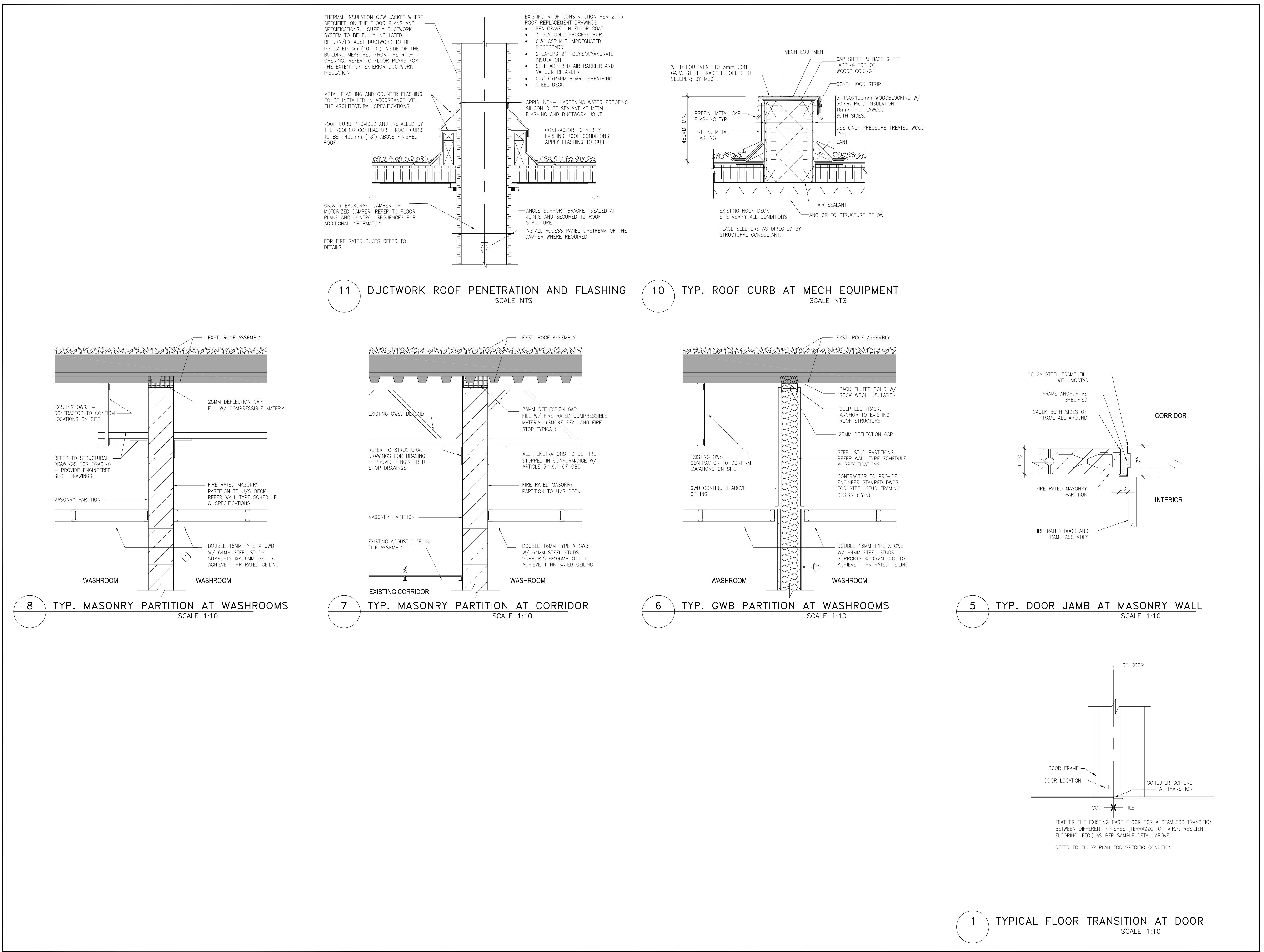
Revisions, Issues

Project: **WASHROOM RENOVATIONS**  
**BELLWOOD PS**  
30 BELLWOOD DR.  
WHITBY, ON L1N 8M4  
T26-12

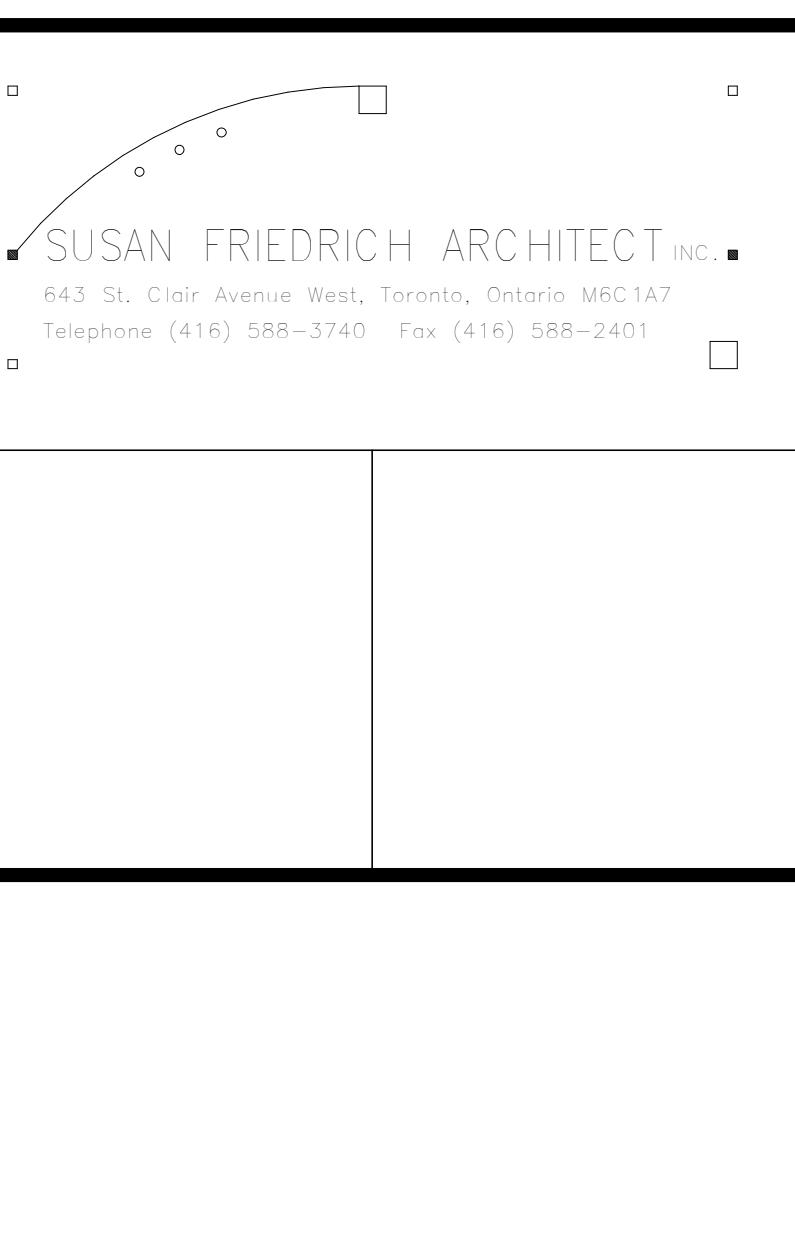
Title: **SCHEDULES**

Scale: As Noted Date: DEC 5 2025 Drawing: A501  
Project: 25-30 Drawn By: A501  
PLOT SCALE: 1:1 AT 24"X36" SHEET SIZE. READ DRAWING ACCORDINGLY.  
PLOT SCALE: 1:2 AT 11X17" SHEET SIZE. READ DRAWING ACCORDINGLY.

DATE PLOTTED: FEB 05 2026

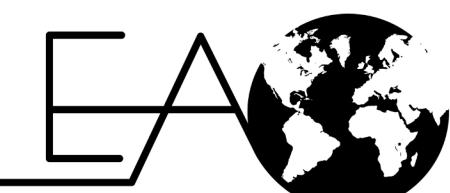


GENERAL NOTES	GNS-001 June 20, 2022	STRUCTURAL MASONRY	GNS-006 June 20, 2022
<p>1. THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT. BREAKDOWN OF THE WORK BY TRADE IS THE RESPONSIBILITY OF THE CONTRACTOR. EXISTING CONDITIONS ARE ASSUMED. REPORT ANY INCONSISTENCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.</p> <p>2. THIS IS A METRIC PROJECT. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.</p> <p>3. DO NOT SCALE THESE DRAWINGS.</p> <p>4. SEE ARCHITECTURAL DRAWINGS FOR FIREPROOFING REQUIREMENTS.</p> <p>5. CODES AND STANDARDS:</p> <p>A. 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.</p>	<p>1. CONFORM TO CSA-A371 "MASONRY CONSTRUCTION FOR BUILDINGS".</p> <p>2. MATERIALS:</p> <p>A. HOLLOW BLOCK: CSA A165.1-H/15/C/M</p> <p>B. ABOVE-GRADE MORTAR: CSA A179M - TYPE S</p> <p>C. GROUT FOR BLOCK CORES: CSA A179M - COARSE GROUT 1:3:2</p> <p>D. CEMENT: SAND:PEA STONE BY VOLUME WITH 200mm (8") SLUMP</p> <p>3. DRILLED MASONRY ANCHORS (DMA) TO BE HILTI HLC SLEEVE ANCHORS OR EQUIVALENT. PULL TEST ANCHORS TO RATED CAPACITY AND REPORT RESULTS.</p> <p>4. NON LOAD-BEARING MASONRY WALLS ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS, SEE ARCHITECTURAL DRAWINGS.</p> <p>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.</p> <p>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.</p> <p>7. PROVIDE LATERAL SUPPORT AT TOPS OF ALL WALLS.</p> <p>8. UNLESS OTHERWISE NOTED, PROVIDE MINIMUM 25 (1") DEFLECTION GAP AT TOP OF ALL NON LOAD BEARING MASONRY WALLS.</p> <p>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.</p> <p>10. PROVIDE CONTROL JOINTS AT 6m (20'-0") CENTRES MAXIMUM.</p> <p>11. 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.</p>		
SHOP DRAWING AND OTHER SUBMITTALS	GNS-002 June 20, 2022	<p>1. SUBMIT FOR REVIEW BEFORE START OF WORK:</p> <p>A. TEMPORARY SHORING</p> <p>B. EXISTING STRUCTURE SCANS AT PROPOSED OPENINGS</p> <p>2. REVIEW OF SHOP DRAWINGS IS ONLY FOR GENERAL CONFORMITY WITH 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 IN 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.).</p> <p>3. AFTER REVIEW OF SHOP DRAWINGS, ONLY ERECTION DIAGRAMS WILL BE RETURNED TO THE CONTRACTOR STAMPED TO SHOW ONE OF THE FOLLOWING:</p> <p>A. NOT REVIEWED - IF THE WORK IS NOT IN LEA CONSULTING LTD. SCOPE</p> <p>B. REVIEWED - NO COMMENTS NOTED</p> <p>C. REVIEWED AS MODIFIED - COMMENTS NOTED ON THE DRAWINGS</p> <p>D. RESUBMIT - CORRECTION OF THE NOTED ITEMS MUST BE MADE AND RESUBMITTED FOR REVIEW</p> <p>4. 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.</p>	
EXISTING STRUCTURES	GNS-003 June 20, 2022	<p>1. EXISTING BUILDING STRUCTURAL INFORMATION IS BASED UPON DRAWINGS PREPARED BY DAVID A G MILL DATED 1987.</p> <p>2. EXISTING CONDITIONS ARE ASSUMED. REPORT ANY VARIATIONS TO THE CONSULTANT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK.</p> <p>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.</p> <p>4. PROVIDE TEMPORARY SHORING AND BRACING REQUIRED WHERE NEEDED.</p> <p>5. MAKE GOOD ONCE STRUCTURAL WORK IS DONE AND REVIEWED.</p> <p>6. SEISMIC</p>	
CUTTING AND CORING	GNS-011 June 20, 2022	<p>1. THE CONTRACTOR SHALL CARRY THE PRICE TO RETAIN AN INDEPENDENT TESTING COMPANY TO LOCATE EXISTING REINFORCEMENT AND CONDUIT IN THE AREAS OF PROPOSED OPENINGS AND TO MARK LOCATIONS ON THE SURFACES OF SLABS AND WALLS ON WHICH THE CORES AND CUTS ARE TO BE STARTED. MARK LOCATIONS USING INDELIBLE MARKERS AS FOLLOWS: RED FOR TOP BARS, GREEN FOR BOTTOM BARS, AND BLACK FOR CORES, OPENINGS, AND CONDUITS. X-RAY CONCRETE UNLESS OTHER METHODS CAN BE SHOWN BY CONTRACTOR TO ACCURATELY LOCATE REINFORCEMENT AND CONDUIT. THE CONTRACTOR SHALL ALSO LOCATE ALL SUSPENDED SERVICES ON BOTH SIDES OF THE PROPOSED OPENING. IF LOCATIONS ARE NOT ACCEPTABLE TO CONSULTANT, RELOCATE PROPOSED OPENINGS AND REPEAT PROCESS AT NO EXTRA COST TO THE CONTRACT.</p> <p>2. CORING: DO NOT CUT EXISTING REINFORCEMENT AND CONDUIT WHEN CORING EXISTING CONCRETE UNLESS APPROVED IN ADVANCE BY THE CONSULTANT. SAVE THE COMPLETE LENGTH OF ALL CORES. LABEL EACH CORE WITH LOCATION TAKEN. MAKE ALL CORES AVAILABLE FOR REVIEW BY CONSULTANT. DISPOSE OF CORES ONLY WITH APPROVAL OF CONSULTANT.</p> <p>3. CUTTING: DO NOT CUT EXISTING REINFORCEMENT AND CONDUIT WHEN CUTTING EXISTING CONCRETE UNLESS APPROVED IN ADVANCE BY THE CONSULTANT. DO NOT OVER CUT OPENINGS. CORE FOUR CORNERS AND ENDS OF INTERMEDIATE SAWCUTS OF ALL OPENINGS PRIOR TO CUTTING SIDES AND INTERMEDIATE LINES. SAWCUT SIDES AND INTERMEDIATE LINES. CHIP CORNERS SQUARE IF NECESSARY. IF NEW REINFORCEMENT IS REQUIRED AT AN OPENING, INSTALL REINFORCEMENT BEFORE CUTTING OPENING OR SHORE UP STRUCTURE UNTIL NEW REINFORCEMENT IS INSTALLED.</p>	
CONSTRUCTION REVIEW	GNS-012 June 20, 2022	<p>1. NOTIFY THE CONSULTANT TWO WORKING DAYS PRIOR TO CONCRETE POURS, BACKFILLING, AND COVERING UP THE STRUCTURE WITH FINISHES</p>	



ALL DRAWINGS ARE THE PROPERTY  
OF THE ARCHITECT

DO NOT SCALE DRAWINGS



**LEA Consulting Ltd.**  
40 University Avenue, Suite 503  
Toronto, Ontario M5J 1T1

905 470 0015  
: 905 470 0030  
W.LEA.CA

1	2026-02-05	ISSUED FOR PERMIT AND TENDER
EV.	DATE	DESCRIPTION

# project

## *WASHROOM RENOVATIONS*

### *BELL WOOD PS*

30 BELLWOOD DR.

## GENERAL NOTES & PROJECT DETAILS

10 of 10 pages

scale 1 : 20	Date 05/02/26	Drawing No. S100
Project No. 26289	Drawn A.K.	Check I.B.

**TYPICAL MASONRY LINTELS IN NON-LOAD BEARING WALLS**

SEE SD-312 FOR STANDARD STEEL LINTELS

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

**LATERAL SUPPORT OF NON-BEARING INTERIOR MASONRY PARTITIONS**

MD-300  
October 29, 2020

PD-M-001  
April 29, 2021

**NOTES:**

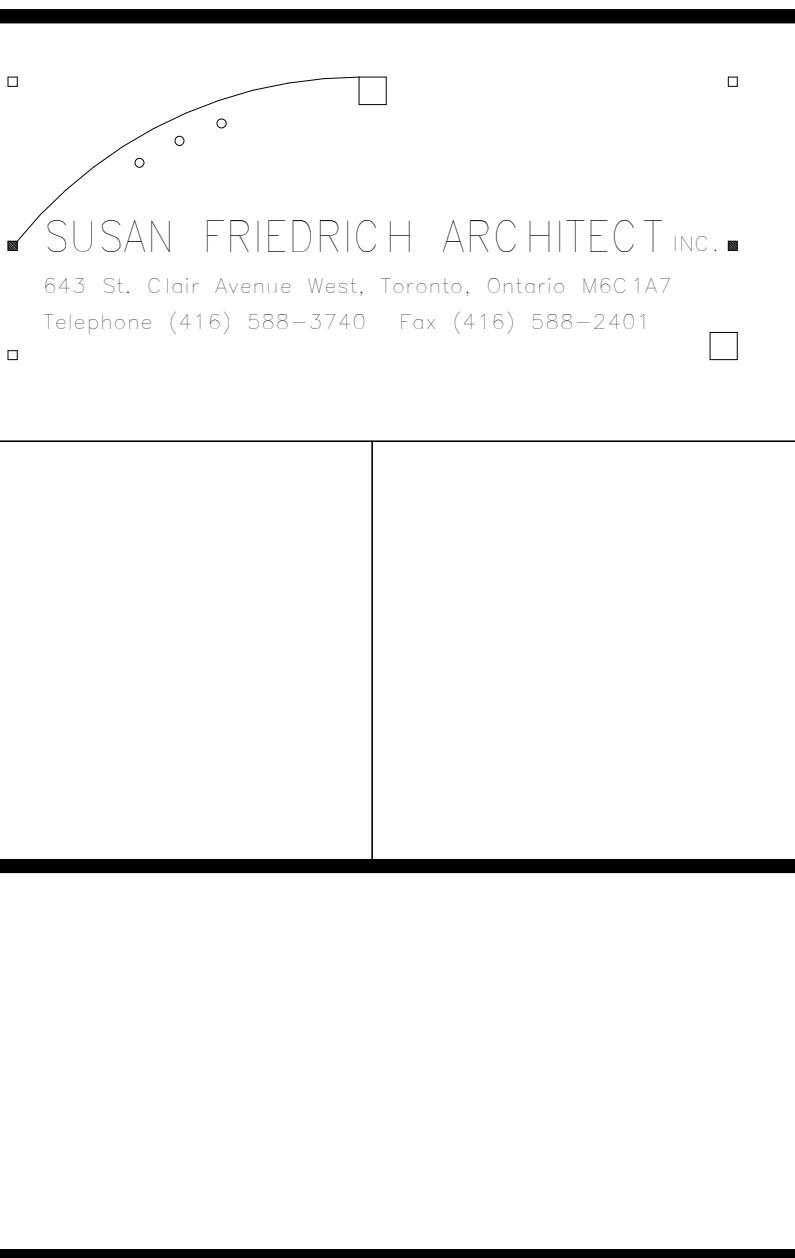
- DO NOT USE MASONRY LINTELS FOR OPENINGS WHERE MOVEMENT JOINT OR WALL END OR CORNER IS LOCATED LESS THAN 0.5 OF THE LINTEL SPAN AWAY FROM THE FACE OF THE OPENING.
- STANDARD LINTELS ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENING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

**HOLLOWCORE CORING DETAIL**

PD-003  
November 22, 2023

**ROOF DECK OPENINGS**

SD-206  
March 17, 2020

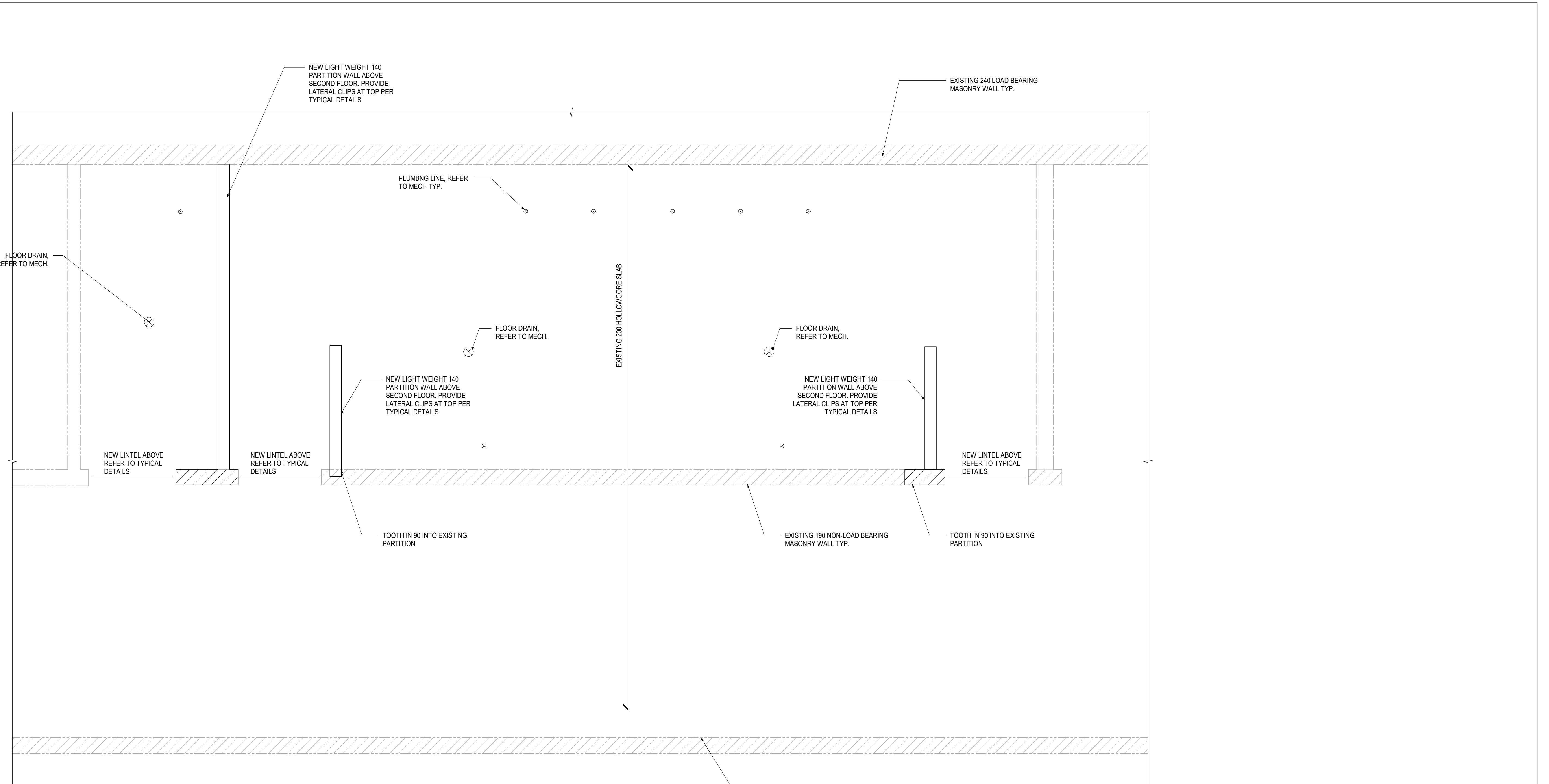


ALL DRAWINGS ARE THE PROPERTY  
OF THE ARCHITECT  
DO NOT SCALE DRAWINGS.



LEA Consulting Ltd.  
40 University Avenue, Suite 503  
Toronto, Ontario M5J 1T1  
Tel: 905 470 0015  
Fax: 905 470 0030  
WWW.LEA.CA

1	2026-02-05	ISSUED FOR PERMIT AND TENDER
REV.	DATE	DESCRIPTION
Project		
WASHROOM RENOVATIONS BELLWOOD PS		
30 BELLWOOD DR. WHITBY, ON L1N 8M4		
Title		
GENERAL NOTES & PROJECT DETAILS		
Scale	Date	Drawing No.
1 : 20	05/02/26	S101
Project No.	Drawn	Check
26289	A.K.	I.B.

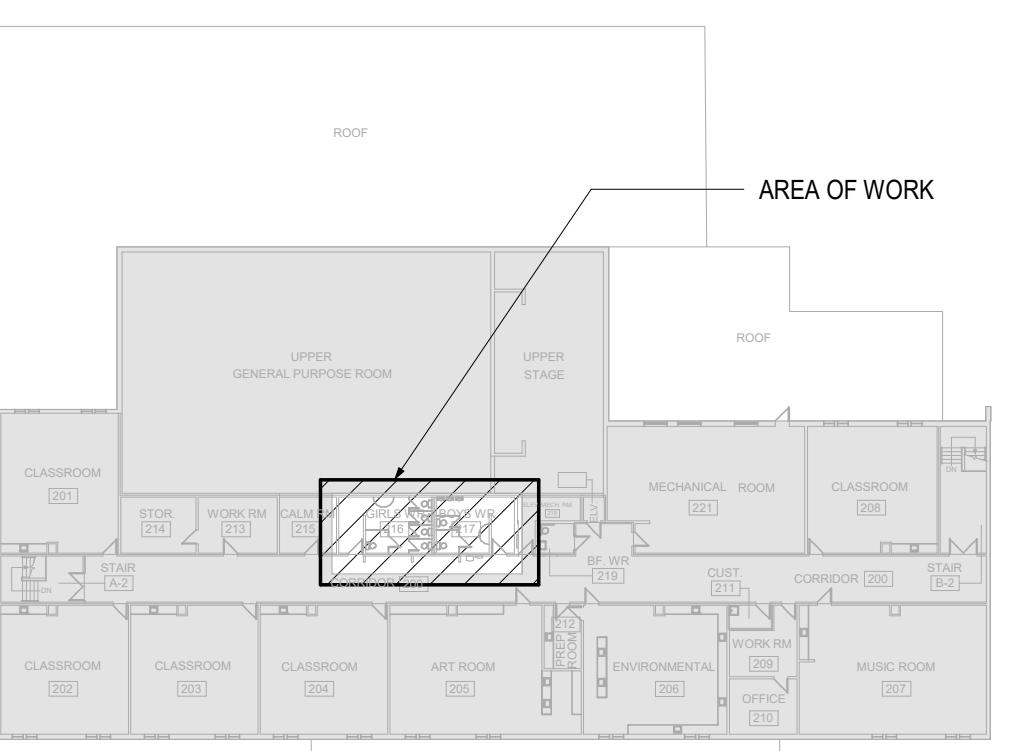


1  
S200 PART SECOND FLOOR FRAMING PLAN

2026-02-05 5:31:39 PM

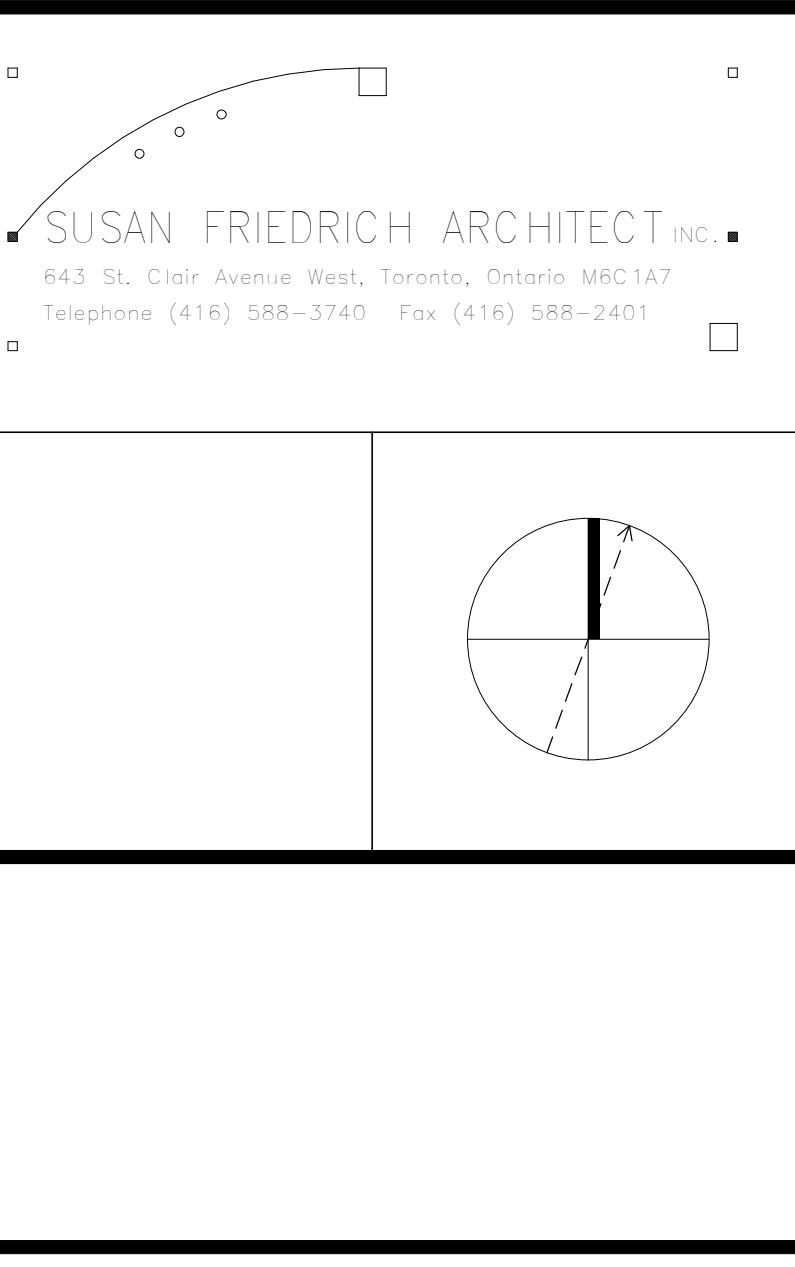
NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS
2. EXISTING STRUCTURAL FRAMING IS SHOWN SCHEMATICALLY ONLY. SITE VERIFY ALL DIMENSIONS, MEMBER SIZES, ETC. IF ANY DISCREPANCIES NOTIFY CONSULTANT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK
3. PROVIDE TEMPORARY SHORING AS REQUIRED TO FACILITATE THE WORK



2  
S200 KEY PLAN

PLOT SCALE: 1:1 AT 24"X36" SHEET SIZE. READ DRAWING ACCORDINGLY.  
• PLOT SCALE: 1:2 AT 11"X17" SHEET SIZE. READ DRAWING ACCORDINGLY.



ALL DRAWINGS ARE THE PROPERTY  
OF THE ARCHITECT  
DO NOT SCALE DRAWINGS.



LEA Consulting Ltd.  
40 University Avenue, Suite 503  
Toronto, Ontario M5J 1T1  
Tel: 905 470 0015  
Fax: 905 470 0030  
WWW.LEA.CA

1 2026-02-05 ISSUED FOR PERMIT AND TENDER  
REV. DATE DESCRIPTION

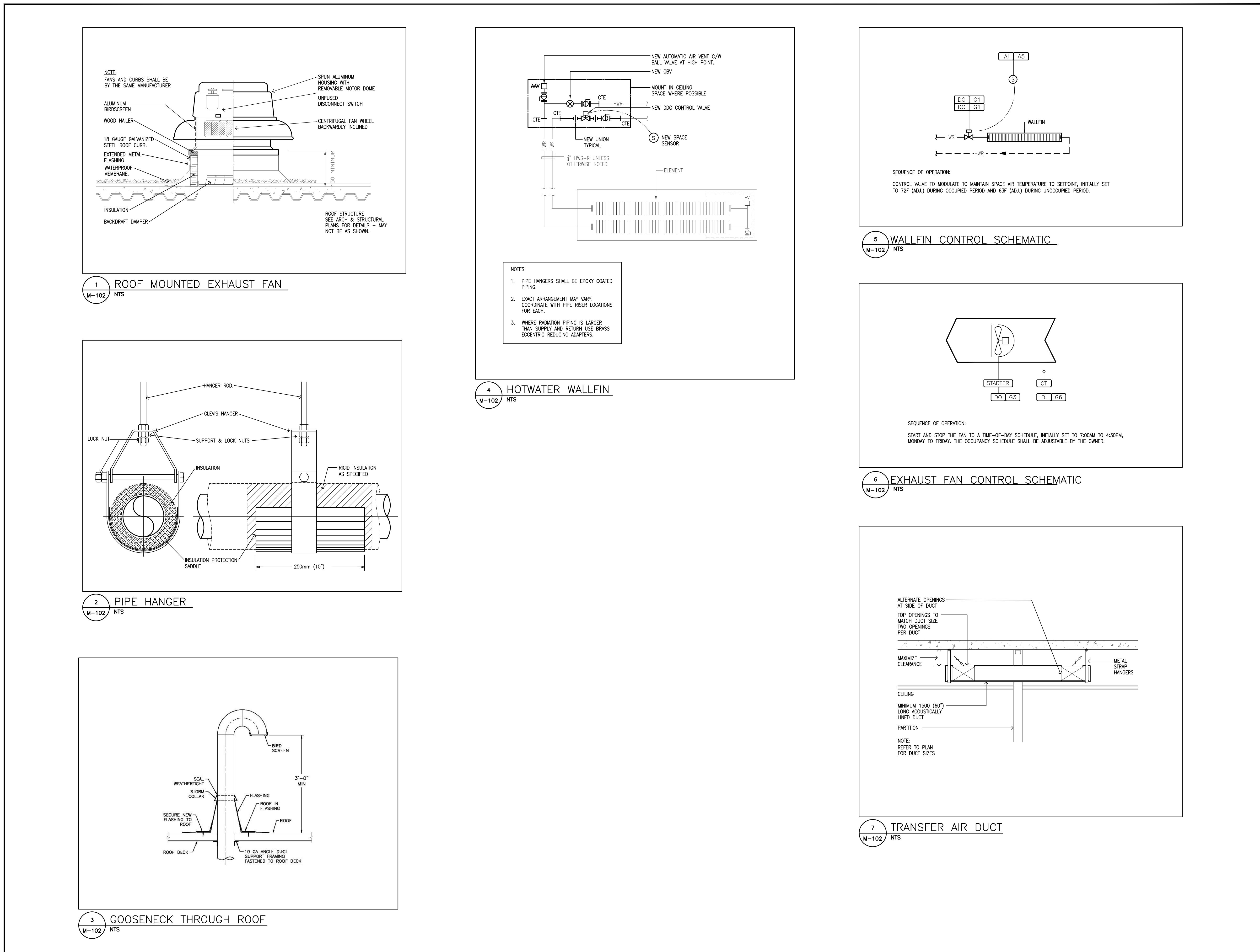
Project  
WASHROOM RENOVATIONS  
BELLWOOD PS  
30 BELLWOOD DR.  
WHITBY, ON L1N 8M4

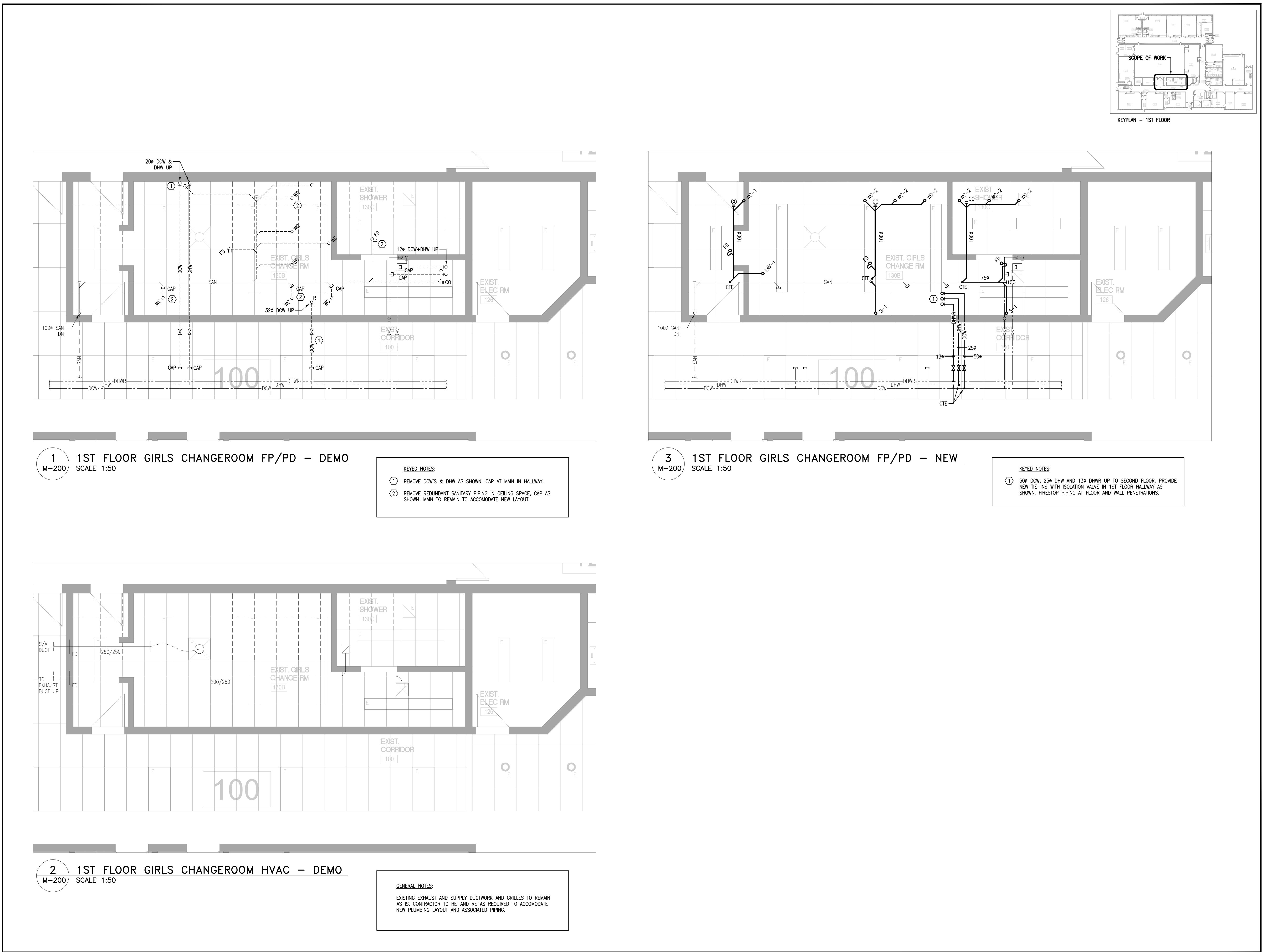


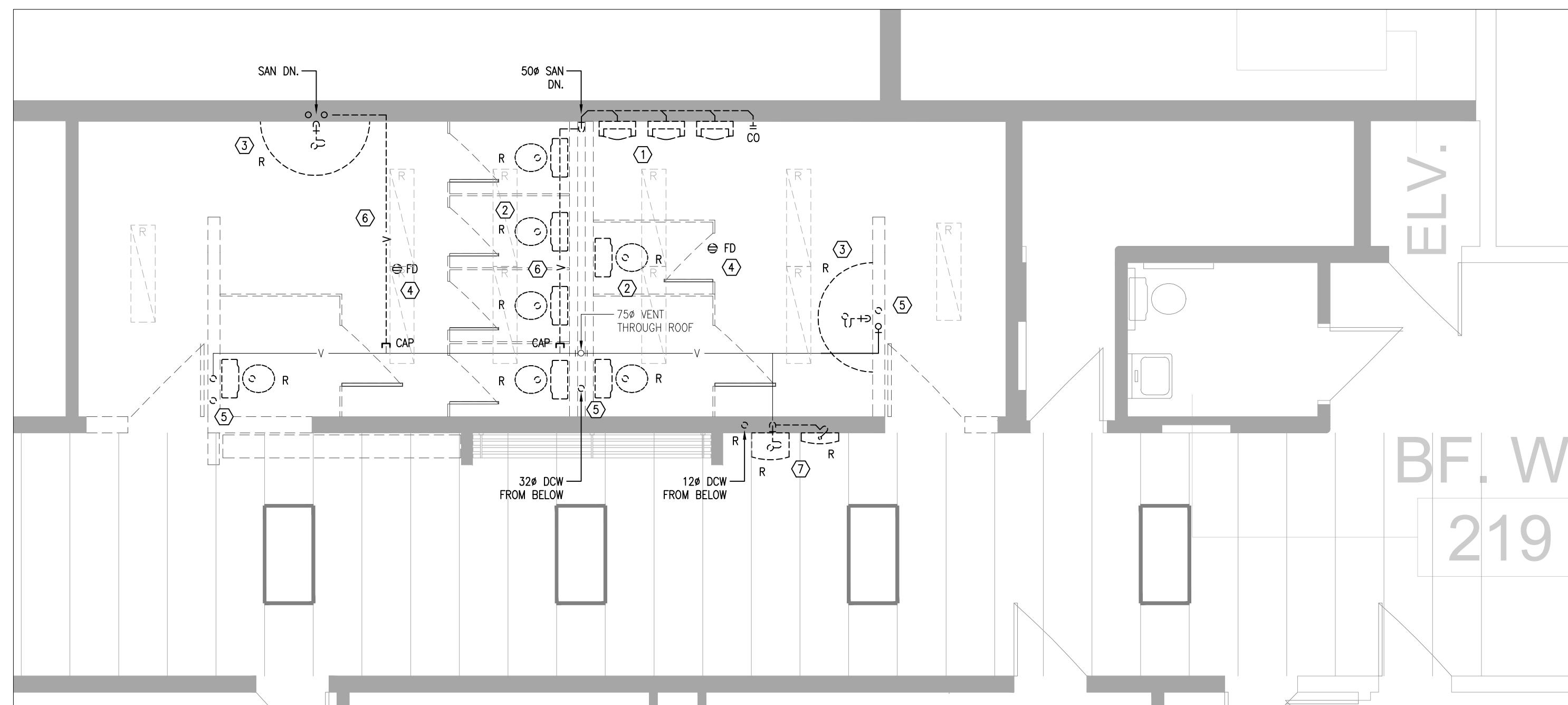
Title  
PART SECOND FLOOR FRAMING PLAN  
Scale As indicated Date 05/02/26 Drawing No. S200  
Project No. 26289 Drawn A.K. Check I.B.

**GENERAL**  PERFORM ALL MECHANICAL WORK DETAILED ON THESE DRAWINGS TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL OPERATING SYSTEM TO THE SATISFACTION OF THE MECHANICAL CONSULTANT.  WHEN THERE IS APPARENT CONTRADICTION OR AMBIGUITY IN THE DOCUMENTS, OR WHERE THERE ARE APPARENT DISCREPANCIES IN OR OMISSIONS FROM THE DOCUMENTS, OR IF THERE IS ANY DOUBT AS TO THE INTENT OF THE DOCUMENTS, THE BIDDER SHALL REQUEST AND OBTAIN WRITTEN CLARIFICATION(S) FROM THE CONSULTANT PRIOR TO SUBMITTING A TENDER. CONSIDERATION SHALL NOT BE GRANTED FOR MISUNDERSTANDING OF THE INTENT OF THE DOCUMENTS OR THE EXTENT OF THE WORK TO BE PERFORMED.  EQUIPMENT SUBSTITUTIONS AFTER AWARD OF CONTRACT WILL NOT BE CONSIDERED WITHOUT WRITTEN EXPLANATION AND CONSULTANT'S WRITTEN AUTHORIZATION. THE QUALITY AND PERFORMANCE CHARACTERISTICS OF SUBSTITUTED PRODUCT SHALL BE EQUIVALENT TO THE SPECIFIED PRODUCT. ALL SUBSTITUTE PRODUCTS SHALL BE APPROVED BY CONSULTANT. ANY ADDITIONAL COSTS INCURRED BY ALL TRADES FOR SUBSTITUTED EQUIPMENT INSTALLATION MUST BE INCURRED BY THIS CONTRACT.  BASE BUILDING STANDARDS SHALL FORM THE BASIS FOR THE CONSTRUCTION. COMPLY WITH SCHOOL BOARDS' REQUIREMENTS FOR SYSTEM SHUTDOWN AND CONNECTION.  CODES AND BYLAWS SHALL BE STRICTLY ADHERED TO, OBTAIN NECESSARY PERMITS, APPROVALS AND INSPECTIONS FROM THE AUTHORITIES HAVING JURISDICTION.  PERMITS AND FEES REQUIRED BY THE AUTHORITIES HAVING JURISDICTION SHALL BE OBTAINED AND PAID FOR BY THIS CONTRACTOR. INCLUDE ALL APPLICABLE TAXES.  EXISTING SITE CONDITIONS AFFECTING THE WORK OF THIS TRADE SHALL BE REVIEWED PRIOR TO TENDER SUBMISSION. FAILURE TO DO SO SHALL NOT RELIEVE CONTRACTOR OF FULL CONTRACT RESPONSIBILITY.  CUTTING, PATCHING AND CORE DRILLING REQUIRED BY THIS TRADE SHALL BE PAID FOR BY THIS CONTRACTOR. COORDINATE PATCHING WITH GENERAL CONTRACTOR. ANY FLOOR CUTTING, TRENCHING, AND EXCAVATION FOR UNDERGROUND PLUMBING SHALL BE BY THE GENERAL CONTRACTOR. BACKFILL SHALL BE BY THIS CONTRACTOR. ALL SAW CUTTING AND RESTORATION OF CONCRETE FLOOR BY GENERAL CONTRACTOR. COORDINATE WITH SAME.  FIRE STOP SHALL BE ULC LISTED FOR THE REQUIRED SEPARATION AND PROVIDED AT ALL PIPE PENETRATIONS THROUGH RATED ASSEMBLIES.  PREMIUM TIME COSTS SHALL BE INCLUDED FOR WORK OUTSIDE OF NORMAL WORKING HOURS.  SHOP DRAWINGS SHALL BE SUBMITTED WITH CONTRACTORS' REVIEWED STAMP. SUBMIT ONE ELECTRONIC COPY. ALLOW ONE (1) WEEK FOR ENGINEERS REVIEW.  CONTROL WIRING AND DEVICES SHALL BE PROVIDED UNDER THIS CONTRACT. WHEN REQUIRED, CONTROL WORK SHALL BE COMPLETED BY SCHOOL BOARDS' APPROVED CONTRACTOR AND PAID FOR UNDER THIS CONTRACT.  ELECTRICAL DEVICES SHALL BE PROVIDED FOR ALL LOAD SIDES INCLUDING WIRING, STARTERS, DISCONNECT, ETC. VERIFY AND COORDINATE VOLTAGE AND PHASE WITH THE ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.  ACCESS DOORS SHALL BE PROVIDED FOR ALL INACCESSIBLE MECHANICAL EQUIPMENT AND SERVICES REQUIRING INSPECTION OR SERVICE. FINISH SHALL SUIT DESIGNERS REQUIREMENTS. ACCESS DOORS SHALL BE RECESSED AS REQUIRED TO SUIT WALL FINISH (EG. TILE.)  ENGINEERS FINAL INSPECTION IS IMPERATIVE. PRIOR TO INSTALLATION OF ALL CEILINGS, THIS CONTRACTOR SHALL CONTACT MARGARET EDWARDS (ROMAR) AT MEDWARDS@ROMARENGINEERING.CA TO PERFORM A FINAL INSPECTION. WHEN CEILING TILES HAVE BEEN INSTALLED IT WILL BE NECESSARY FOR THE CONTRACTOR TO REMOVE PORTIONS FOR INSPECTION.  ONE YEAR WRITTEN WARRANTY SHALL BE PROVIDED FOR THE COMPLETE MECHANICAL INSTALLATION FROM DATE OF ACCEPTANCE.  CAD AS-BUILT DRAWINGS SHALL BE COMPLETED UTILIZING AUTOCAD. RECORD ACCURATELY INSTALLED WORK ON WHITE PRINTS TRANSFERRING TO AUTOCAD. SUBMIT BOTH COPIES.  OPERATING AND MAINTENANCE MANUALS CONTAINING APPROVED SHOP DRAWINGS, AIR AND WATER BALANCING REPORTS, EQUIPMENT DATA SHEETS, WRITTEN WARRANTY, OPERATING INSTRUCTIONS AND MAINTENANCE PROCEDURES SHALL BE SUBMITTED TO CONSULTANT FOR REVIEW. MANUALS SHALL BE SEPARATED WITH DIVIDERS IN APPROPRIATE SECTIONS. MAKE ALL CORRECTIONS REQUESTED BY CONSULTANT AND RESUBMIT FOR REVIEW.  WHEN THERE IS APPARENT CONTRADICTION OR AMBIGUITY IN THE DOCUMENTS, OR WHERE THERE ARE APPARENT DISCREPANCIES IN OR OMISSIONS FROM THE DOCUMENTS, OR IF THERE IS ANY DOUBT AS TO THE INTENT OF THE DOCUMENTS, THE BIDDER SHALL REQUEST AND OBTAIN WRITTEN CLARIFICATION(S) FROM THE CONSULTANT PRIOR TO SUBMITTING A TENDER. CONSIDERATION SHALL NOT BE GRANTED FOR MISUNDERSTANDING OF THE INTENT OF THE DOCUMENTS OR THE EXTENT OF THE WORK TO BE PERFORMED.  CHANGES TO THIS DRAWING, INCLUDING BUT NOT LIMITED TO, COST BREAKDOWN OF LABOUR AND MATERIALS, FAILURE TO PROVIDE WILL RESULT IN REJECTION. ALL MECHANICAL CHANGE NOTICES SHALL BE PRICED IN ACCORDANCE WITH MECHANICAL CONTRACTORS ASSOCIATION (MCA) LABOUR UNITS STRICTLY FOR LABOUR AND FOR MATERIAL COST USE "ALL PRISER" LESS 50% DISCOUNT FOR PIPE AND FITTINGS, 35% DISCOUNT FOR INSULATION, AND 25% FOR VALVES AND OTHER MATERIALS.  TEMPORARY FILTERS 25MM (1 IN.) SHALL BE PROVIDED AT ALL BASE BUILDING RETURN AIR OPENINGS WHICH REMAIN OPERATIONAL DURING CONSTRUCTION. FILTERS TO BE REPLACED WEEKLY. REMOVE UPON CONSTRUCTION COMPLETION.  **MECHANICAL DEMOLITION**  PROVIDE LABOUR, MATERIALS, PRODUCTS, EQUIPMENT AND SERVICES REQUIRED TO COMPLETE THE DEMOLITION WORK SPECIFIED HEREIN.  REFER TO DRAWINGS FOR EXTENT OF DEMOLITION WORK. THE DRAWINGS INDICATE THE APPROXIMATE LOCATIONS OF SERVICES AS FAR AS THESE ARE KNOWN.  DISPOSE, OFF SITE, OF ALL DEBRIS IN ACCORDANCE WITH THE JURISDICTIONAL AUTHORITIES. REMOVAL AND STORAGE OF SALVAGEABLE ITEMS AS DIRECTED BY THIS SPECIFICATION SECTION AND THE OWNER OF THEIR REPRESENTATIVE.  MEET THE REQUIREMENTS AND RECOMMENDATIONS OF ALL MUNICIPAL, PROVINCIAL AND FEDERAL BYLAWS AND ORDINANCES. EXECUTE THIS WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS: CAN/CSA-G300-M1980 CODE OF PRACTICE FOR SAFETY IN DEMOLITION STRUCTURES, ONTARIO BUILDING CODE, OCCUPATIONAL HEALTH AND SAFETY ACT, REGULATIONS FOR CONSTRUCTION PROJECTS, ONTARIO FIRE CODE, REGULATIONS UNDER FIRE MARSHALS ACT.  REMOVAL FROM SITE AND DISPOSAL OF DEBRIS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL JURISDICTIONAL AUTHORITIES. CONSTRUCTION AND DEMOLITION WORK AND THE INSPECTION NECESSARY FOR THE proper EXECUTION AND COMPLETION OF THE DEMOLITION WORK, ALL MATERIALS WHICH HAVE NOT BEEN DESIGNATED FOR SALVAGE FROM THE DEMOLITION SHALL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVE ALL MATERIAL AND DEBRIS FROM THE SITE AS QUICKLY AS POSSIBLE AND DISPOSE OF LEGALLY. BURNING OF DEBRIS OR SELLING OF MATERIALS ON THE SITE WILL NOT BE PERMITTED. CONFORM TO REQUIREMENTS OF MUNICIPALITY'S WORKS DEPARTMENT REGARDING DISPOSAL OF		WASTE MATERIALS. MATERIALS PROHIBITED FROM MUNICIPALITY WASTE MANAGEMENT FACILITIES SHALL BE REMOVED FROM SITE AND DESIGNATED FOR RECYCLING COMPANY.  SPECIFYING IN RECYCLABLE MATERIALS. AT THE END OF EACH WORK SHIFT, LEAVE WORK IN A SAFE CONDITION, PAYING FIRE RATED PARTITIONS AND FLOORS TO MAINTAIN RATING UPON REMOVAL OF MECHANICAL SERVICES ORIGINALLY SPANNING FIRE RATED ASSEMBLIES. DEMOLISH WORK INTO SECTIONS OF PRACTICAL SIZE FOR REMOVAL, WITHOUT ALTERATION OR DAMAGE TO EXISTING BUILDING STORE MATERIALS ONLY IN AREAS DESIGNATED BY THE OWNER AND AS PERMITTED BY THE LOCAL JURISDICTIONAL AUTHORITIES. MATERIALS AND DEBRIS SHALL NOT BE STACKED IN BUILDING TO THE EXTENT THAT OVERLOADING OF ANY PART OF THE STRUCTURE WILL OCCUR.  CONFER WITH THE OWNER CONCERNING SCHEDULE, DUST AND NOISE CONTROL PRIOR TO COMMENCING WORK IN OR ADJACENT TO EXISTING FACILITIES WHERE SUCH WORKMEN AFFECT OTHER EXISTING FACILITIES OR THEIR OCCUPANTS. EXECUTE WORK WITH LEAST POSSIBLE INTERFERENCE OR DISTURBANCE TO OCCUPANTS, PUBLIC AND NORMAL USE OF PREMISES. PROVIDE TEMPORARY MEANS TO MAINTAIN SECURITY WHEN SECURITY HAS BEEN REDUCED BY DIVISION 15.  PROVIDE TEMPORARY DUST SCREENS, BARRIERS, WARNING SIGNS IN LOCATIONS WHERE RENOVATIONS AND ALTERNATION WORK IS ADJACENT TO AREAS WHICH WILL BE OPERATIVE DURING WORK.  PROTECT ALL MECHANICAL SYSTEMS, INDICATED TO REMAIN, FROM DAMAGE. PROVIDE AND MAINTAIN READY ACCESS TO FIREFIGHTING EQUIPMENT AT ALL TIMES. PROVIDE AND MAINTAIN PROPER AND SUITABLE FIRE EXTINGUISHERS THROUGHOUT THE DURATION OF THE WORK.  THE DRAWINGS INDICATE THE APPROXIMATE LOCATIONS OF SERVICES AS FAR AS THESE ARE KNOWN. SHOULD ANY MECHANICAL OR ELECTRICAL SERVICE LINE BE BROKEN, OR DISRUPTED BY OPERATIONS SPECIFIED UNDER THIS CONTRACT, REPAIR SERVICE LINES, AND MAKE GOOD ALL DAMAGE DUE TO THE DISRUPTION OR BREAK, AT NO EXPENSE TO THE OWNER. NOTIFY THE OWNER IMMEDIATELY WHENEVER ANY SERVICE LINE IS BROKEN OR DAMAGED.  DEMOLISH AND REMOVE ALL REDUNDANT AND OBSOLETE CONTROLS (I.E. PNEUMATIC TUBING) AND/OR MECHANICAL EQUIPMENT (I.E. EXHAUST FANS, TRANSFER DUCTS, AIR TERMINAL UNIT) WHICH ARE NOT IDENTIFIED TO REMAIN ON NEW LAYOUT PLANS.  ACCEPT LIABILITY FOR COSTS INCURRED BY THE OWNER IN REPAIRING AND CLEANING EQUIPMENT, ETC., RESULTING FROM FAILURE TO COMPLY WITH THE ABOVE REQUIREMENTS.  **CLEAN UP**  DURING THE PROCESS OF WORK EACH CONTRACTOR SHALL KEEP HIS WORK TIDY. THE PREMISES SHALL AT ALL TIMES BE FREE FROM RUBBISH AND SURPLUS MATERIALS, CLEAN DAILY.  **PROTECTING TRADES**  DIVISION 15 IS ENTIRELY FINANCIALLY RESPONSIBILITY FOR ALL DAMAGE TO PROPERTY OR ADJACENT PROPERTY, ARISING OF THE WORK OF THIS CONTRACTOR, WHETHER CAUSED BY HIMSELF OR AN PERSON ENGAGED ON HIS WORK.  DIVISION 15 CONTRACTORS ARE RESPONSIBLE TO ENSURE THAT THEIR EMPLOYEES AND SUB-TRADES USE ONLY SAFE PRACTICES AND CONDITIONS, OBSERVE ALL SAFETY REGULATIONS, SECURITY REGULATIONS AND FIRE SAFETY RULES.  **DUCTWORK**  NEW MATERIAL AND EQUIPMENT SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH BASE BUILDING STANDARDS.  DUCTWORK AND HANGERS SHALL BE FABRICATED IN ACCORDANCE WITH THE LATEST SMACNA STANDARDS.  FLEXIBLE DUCTWORK SHALL BE FLEXMASTER TRIPLE LOC OR EQUAL, SPIRAL WOUND ALUMINUM. SECURE TO RIGID DUCT USING GEAR CLAMPS, AT THE INLET OF EACH VAV TERMINAL CONTROL UNIT. PROVIDE A MINIMUM OF 3 DIAMETERS OF STRAIGHT FLEX DUCT, MAXIMUM LENGTH 1200 MM [4 FT.-0 IN.]. FLEXIBLE DUCTS SERVING DIFFUSERS SHALL BE INSTALLED AS ONE CONTINUOUS PIECE AND SHALL NOT EXCEED 10'-0" LENGTHS.  FIRE SMOKE DAMPERS SHALL BE OUT OF STREAM ULC LABELED. PROVIDE FIRE DAMPERS AS REQUIRED IN NEW AND EXISTING DUCTWORK C/W ACCESS DOORS.  ACOUSTIC DUCT LINING 25MM [1 IN.] SHALL BE PROVIDED WHERE SHOWN ON DRAWINGS. SECURE WITH MECHANICAL FASTENERS AND ADHESIVE. SEAL RAW EDGES. NOTE DUCT DIMENSIONS ARE CLEAR INSIDE.  THERMAL INSULATION WITH VAPOUR BARRIER SHALL BE PROVIDED ON ALL NEW SUPPLY AIR DUCTWORK TO MATCH BASE BUILDING STANDARDS OR REFER TO INSULATION SECTION.  FLEXIBLE DUCT CONNECTIONS SHALL BE DURODINE NEOPRENE AND INSTALLED BETWEEN ALL AIR HANDLING EQUIPMENT AND SYSTEM DUCTWORK.  AIR TRANSFER OPENINGS INDICATED WITHOUT DUCT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO ADVISE AND CONFIRM PROVISION BY GENERAL TRADES.  BALANCING AND VOLUME CONTROL DAMPERS SHALL BE PROVIDED IN NEW OR EXISTING DUCTWORK TO PROVIDE A COMPLETE AND BALANCED SYSTEM. BALANCING CONTRACTOR SHALL BE A MEMBER OF AABC OR NEBC. SUBMIT BALANCING REPORT IN TRIBUTE TO THE CONSULTANT AND THE OWNER INDICATING TERMINAL DESIGN AND MEASURED FLOW RATES. PROVIDE EIGHT (8) ADDITIONAL HOURS OF BALANCING WORK. THIS WORK SHALL BE PERFORMED AFTER THE OCCUPANTS HAVE MOVED IN, AS MAY BE REQUIRED FOR COMFORT BALANCING.  BALANCING WORK SHALL BE COMPLETED BY SCHOOL BOARD APPROVED CONTRACTORS - QUALITY AIR DISTRIBUTION INC AT 289-892-7168 OR AIRFLOW TESTING AND BALANCING AT 613-876-9314.  FAN SHEAVES SHALL BE ADJUSTED OR REPLACED AS REQUIRED TO OBTAIN DESIGN AIR QUANTITIES. COORDINATE THIS WORK WITH SCHOOL BOARD.  **HVAC PIPING SYSTEMS**  PIPING MATERIAL FOR HEATING, CHILLED AND HEAT PUMP CIRCUITS SHALL BE ASTM A53 BLACK STEEL SCHEDULE 40, ELECTRIC RESISTANCE WELDED. PIPING UNDER 65MM (2-1/2") SHALL BE THREADED FOR 1035 KPA (150 PSI) BEADED MALLEABLE IRON LINE JOINT COUPLINGS AND 860 KPA (125 PSI) THREADED CAST IRON FITTINGS.  PIPING 65MM (2-1/2") AND LARGER SHALL HAVE WELDED LINE JOINTS WITH ENDS BEVELED FOR WELDING AND STANDARD WALL SEAMLESS STEEL, GRINNELL, TUBETURN OR LADISH FITTINGS AND 1035 KPA (150 PSI) SLIP-ON FLANGES.  CONDENSATE DRAINS SHALL BE DWV COPPER DRAINAGE TUBE WITH CAST BRASS FITTINGS AND 50/50 SOLDERED JOINTS.  MEET THE REQUIREMENTS AND RECOMMENDATIONS OF ALL MUNICIPAL, PROVINCIAL AND FEDERAL BYLAWS AND ORDINANCES. EXECUTE THIS WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS: CAN/CSA-G300-M1980 CODE OF PRACTICE FOR SAFETY IN DEMOLITION STRUCTURES, ONTARIO BUILDING CODE, OCCUPATIONAL HEALTH AND SAFETY ACT, REGULATIONS FOR CONSTRUCTION PROJECTS, ONTARIO FIRE CODE, REGULATIONS UNDER FIRE MARSHALS ACT.  REMOVAL FROM SITE AND DISPOSAL OF DEBRIS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL JURISDICTIONAL AUTHORITIES. CONSTRUCTION AND DEMOLITION WORK AND THE INSPECTION NECESSARY FOR THE proper EXECUTION AND COMPLETION OF THE DEMOLITION WORK, ALL MATERIALS WHICH HAVE NOT BEEN DESIGNATED FOR SALVAGE FROM THE DEMOLITION SHALL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVE ALL MATERIAL AND DEBRIS FROM THE SITE AS QUICKLY AS POSSIBLE AND DISPOSE OF LEGALLY. BURNING OF DEBRIS OR SELLING OF MATERIALS ON THE SITE WILL NOT BE PERMITTED. CONFORM TO REQUIREMENTS OF MUNICIPALITY'S WORKS DEPARTMENT REGARDING DISPOSAL OF  VALVES CRANE OR JENKINS (JENKINS FIGURE NUMBER LISTED BELOW):  .1 TO 1379 KPA [200 PSI] WORKING PRESSURE:		GATE	GLOBE	BALL		------------------------------	------	--------	----------------		50 MM [2 IN.] AND SMALLER	813	106-BP	34		SOLDERED	810	106-B	33		SCREWED					65 MM [2-1/2 IN.] AND LARGER	454	2342	NOT APPLICABLE		FLANGED				.2 TO 2068 KPA [300 PSI] WORKING PRESSURE:		GATE	GLOBE	BALL		------------------------------	------	--------	----------------		50 MM [2 IN.] AND SMALLER	902A	106-BP	34		SOLDERED	2810	106-B	33		SCREWED					65 MM [2-1/2 IN.] AND LARGER	204	162	NOT APPLICABLE		FLANGED					CHECK VALVE: CRANE 37				.3 PROVIDE BALL OR BUTTERFLY VALVES FOR ALL SHUT-OFF REQUIREMENTS. GATE VALVES WILL NOT BE APPROVED.  .4 PROVIDE 20 MM [3/4" IN.] HOSE END DRAIN VALVES WITH CAP AND CHAIN AT ALL SYSTEM LOW POINTS.  .5 PROVIDE DI-ELECTRIC COUPLINGS FOR CONNECTION OF DISSIMILAR PIPING MATERIALS.  PROVIDE CIRCUIT BALANCING VALVES AS REQUIRED TO BALANCE WATER FLOW. CIRCUIT BALANCING VALVES SHALL BE ARMSTRONG MODEL CBV - Y PATTERN STYLE, ALL METAL, WITH SOLDERED OR SCREWED CONNECTIONS, BUILT-IN DRAIN CONNECTION WITH SHUT OFF VALVE AND PROTECTIVE CAPS AND INTEGRAL VALVE INSULATION. PROVIDE FOR EACH VALVE:  .1 VERNIER TYPE HANDWHEEL SETTINGS FOR PRECISION FLOW BALANCING.  .2 POSITIVE SHUT OFF VALVE WITH NO DRIP SEAT AND PLUG TYPE STEM WITH TEFLOON DISC.  .3 TAMPER PROOF HIDDEN MEMORY.  .4 POSITIVE SHUT OFF METERING VALVES WITH CONNECTIONS FOR PORTABLE METER.  SELECT CIRCUIT BALANCING VALVE SIZE TO GIVE A PRESSURE DROP AT 100% OPEN BETWEEN 3.0 KPA [1 FT.] AND 21 KPA [7 FT.]. SELECT VALVES LOCATION REMOTE FROM THE PUMPS IN THE CIRCUIT NEAR MINIMUM PRESSURE DROP AND THOSE LOCATED NEAR THE PUMPS AT HIGHER PRESSURE DROPS.  PROVIDE SAFETY AND RELIEF VALVES FOR ALL CLOSED WATER SYSTEMS. PIPE RELIEF TO NEAREST FLOOR DRAIN. PROVIDE MATTS 174A VALVES RATED AT 1035 KPA [150 PSI] AT 99°C [210°F] ASTM RATED, CAST IRON BODY BRONZE DISC AND SEAT, STEEL SPINDLE ASSEMBLY, CARBON STEEL SPRING.  PROVIDE STRANERS UPSTREAM OF EACH PUMP AND WHERE INDICATED ON DRAWINGS. STRANERS SHALL BE BRONZE BODY TYPE WITH SCREWED CONNECTIONS, STAINLESS STEEL SCREENS WITH 1.6 MM [1/16 IN.] PERFORATIONS AND CAPABLE OF SYSTEM PRESSURE OF 860 KPA [125 PSI].  AUTOMATIC AIR VENTS AND COLLECTING CHAMBERS SPIRAX 13W SHALL BE PROVIDED AT ALL HIGH POINTS OF PIPING SYSTEM. ENSURE RATINGS ARE COMPATIBLE WITH SYSTEM PRESSURE.  INSULATION SHALL BE PROVIDED TO MATCH BASE BUILDING STANDARDS OR REFER TO INSULATION SECTION.  FLUSH, CLEAN AND PRESSURE TEST ALL HVAC PIPING SYSTEMS. CHEMICALLY CLEAN ALL PIPING SYSTEMS UTILIZING LOW FOAMING CHEMICAL DETERGENTS WHICH SHALL NOT ADVERSELY AFFECT SYSTEM COMPONENTS.  WATER BALANCING SHALL BE PROVIDED FOR ALL CHILLED WATER SYSTEMS AND SHALL INCLUDE A WRITTEN REPORT INDICATING TEMPERATURE, FLOW RATES, OPERATING PRESSURES AND PRESSURE DIFFERENTIAL BETWEEN THE SUPPLY AND RETURN AT EACH PIECE OF EQUIPMENT.  PERFORM PRESSURE TESTING ON ALL NEW AND MODIFIED PIPES TO ENSURE TIGHTNESS OF ALL NEW JOINTS USING HYDROSTATIC TEST AT 150% OF DESIGN WORKING PRESSURE BUT NOT LESS THAN 700KPA (100 PSI). TEST WITHOUT PRESSURE DROP FOR MIN. 4 HOURS AND REMOVE AND REPLACE DEFECTIVE PARTS AND COMPONENTS THAT WILL NOT WITHSTAND PRESSURE.  ACCEPTABLE ALTERNATE: GREENHECK, CARNES, PENN.  **Mechanical Legend**	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION		----------	---	----------	---		FD	EXISTING DUCTS, PIPES & EQUIPMENT TO REMAIN	RD	NEW FLOOR DRAIN		R	DUCTS, PIPES & EQUIPMENT TO BE REMOVED	RO	NEW ROOF DRAIN		—	NEW DUCT OR PIPE	IV	NEW ISOLATION VALVE		—	NEW DUCT OR EQUIPMENT	IBV	EXISTING BALL VALVE TO REMAIN		—	NEW FLEXIBLE DUCT	NBV	NEW BALL VALVE		—	NEW CAP ON EXISTING DUCT OR PIPE	ECV	EXISTING CONTROL VALVE TO REMAIN		—	NEW CAP ON EXISTING DUCT	NPV	NEW PRESSURE REDUCING VALVE		①	EXISTING THERMOSTAT	NCB	NEW CIRCUIT BALANCING VALVE		②R	REMOVE OR RELOCATE EXISTING SPRINKLER HEAD	NTC	NEW THREE WAY AUTOMATIC CONTROL VALVE		③	NEW THERMOSTAT	VTR	VENT THROUGH ROOF		\$	FAN SWITCH	DTF	DOWN THROUGH FLOOR		○	EXISTING SPRINKLER HEAD TO REMAIN	PIP UP	PIPE UP		○ R	REMOVE OR RELOCATE EXISTING SPRINKLER HEAD	PIP DOWN	PIPE DOWN		FD	NEW FIRE DAMPER	M	NEW METER		SD	NEW SMOKE DAMPER	UN	NEW UNION		BD	NEW MANUAL BALANCING DAMPER	SN	NEW STRAINER		VD	NEW VOLUME DAMPER	BFP	NEW BACKFLOW PREVENTER		FSD	NEW MOTORIZED COMBINATION FIRE AND SMOKE DAMPER	SD	EXISTING SANITARY DRAIN TO REMAIN		V	NEW SANITARY VENT PIPE	—	EXISTING SANITARY DRAIN UNDER FLOOR TO REMAIN		— V	EXISTING SANITARY VENT PIPE TO REMAIN	ST	EXISTING STORM DRAIN TO REMAIN		— G	EXISTING NATURAL GAS PIPE TO REMAIN	— ST	EXISTING STORM DRAIN UNDER FLOOR TO REMAIN		— CD	NEW CONDENSATE DRAIN	— SAN	NEW SANITARY DRAIN		CD	EXISTING CONDENSATE DRAIN TO REMAIN	P-TRAP			— HWS	HEATED WATER SUPPLY	—	EXISTING DOMESTIC COLD WATER TO REMAIN		— HWR	NEW HEATED WATER RETURN	—	EXISTING DOMESTIC HOT WATER TO REMAIN		— HWR —	EXISTING HEATED WATER RETURN TO REMAIN	—	NEW DOMESTIC COLD WATER		— CHWS	NEW CHILLED WATER SUPPLY	—	NEW DOMESTIC HOT WATER		— F	EXISTING FIRE LINE TO REMAIN	—	NEW DOMESTIC HOT WATER RECIRCULATION		— SP	EXISTING SPRINKLER LINE TO REMAIN	CP	CIRCULATING PUMP		— 12/2-E	GRILLE OR REGISTER SIZE TYPE	128-A	DIFF NECK SIZE DIFF TYPE		— 150	EXHAUST OR RETURN AIR CM	— 100	SUPPLY AIR L/S	**Drawing Schedule**	DWG NO	DRAWING TITLE		--------	---		M-100	MECHANICAL LEGEND, SPECIFICATIONS, SCHEDULES & DRAWING LIST		M-101	SCHEDULES AND PLUMBING CUT SHEETS		M-102	DETAILS		M-200	1ST FLOOR CHANGEROM - MECHANICAL (DEMO/NEW)		M-201	2ND FLOOR WASHROOM - PD (DEMO/NEW)		M-202	2ND FLOOR WASHROOM - HVAC (DEMO/NEW)	**Air Terminal Schedule**	TAG	SIZE	MANUFACTURER	TYPE	DESCRIPTION	FINISH	OPTIONS/ ACCESSORIES		-----	---------	--------------	-------------	---------------------------------	--------	--		A	300/300	EH PRICE	535-FR-L(D)	FIRE RATED LOUVERED FACE RETURN	B12	SINGLE DEFLECTION, 1/2" BLADE SPACING, CEILING FIRESTOP FLAP, 16SF FUSEABLE LINK, ULC LISTED C/W DAMPER.		B	300/300	EH PRICE	535-FR-L	FIRE RATED LOUVERED FACE RETURN	B12	SINGLE DEFLECTION, 1/2" BLADE SPACING, CEILING FIRESTOP FLAP, 16SF FUSEABLE LINK, ULC LISTED.	NOTES: EH PRICE OR APPROVED EQUAL  **EF Schedule**	TAG	MANUFACTURER	AIR VOLUME (CFM)	ESP (IN H2O)	MOTOR (HP)	ELECTRICAL (V/PH/Hz)	FLA	TYPE	REMARKS		--------	--------------	------------------	--------------	------------	----------------------	-----	-----------------	--		EF-216	COOK	375	0.5	FRACTIONAL	120/1/60		ROOF MOUNTED	TIE INTO BAS TO RUN DURING OCCUPIED HOURS. COMPLETE WITH BACKDRAFT DAMPER.		EF-211	BROAN L100G	100	0.25	FRACTIONAL	120/1/60		CEILING MOUNTED		ACCEPTABLE ALTERNATE: GREENHECK, CARNES, PENN.  **EF Schedule**	TAG	LOCATION	MANUFACTURER	MODEL	ENCLOSURE TYPE	ENCLOSURE HEIGHT (IN)	FIN LENGTH (IN)	ROWS (QTY)	HEATING CAPACITY (BTU/FT.)	FLUID	EWT	LWT	REMARKS		-----	----------	--------------	-------	----------------	-----------------------	-----------------	------------	----------------------------	-------	-----	-----	---------		WF-														

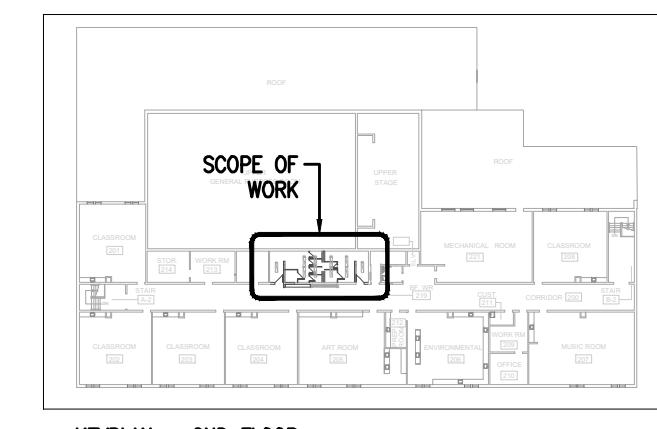




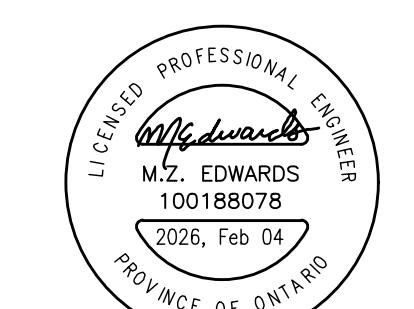
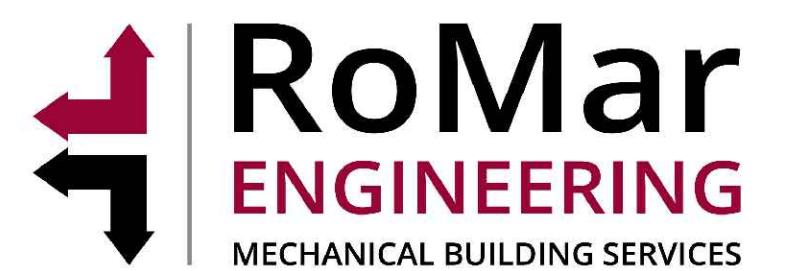




1  
M-201 2ND FLOOR WASHROOM FP/PD - DEMO  
SCALE 1:50



SUSAN FRIEDRICH ARCHITECT INC.  
643 St. Clair Avenue West, Toronto, Ontario M6C 1A7  
Telephone (416) 588-3740



2 FEB 05, 2026 ISSUED FOR PERMIT/TENDER  
1 JAN 28, 2026 ISSUED FOR REVIEW

Revisions, Issues

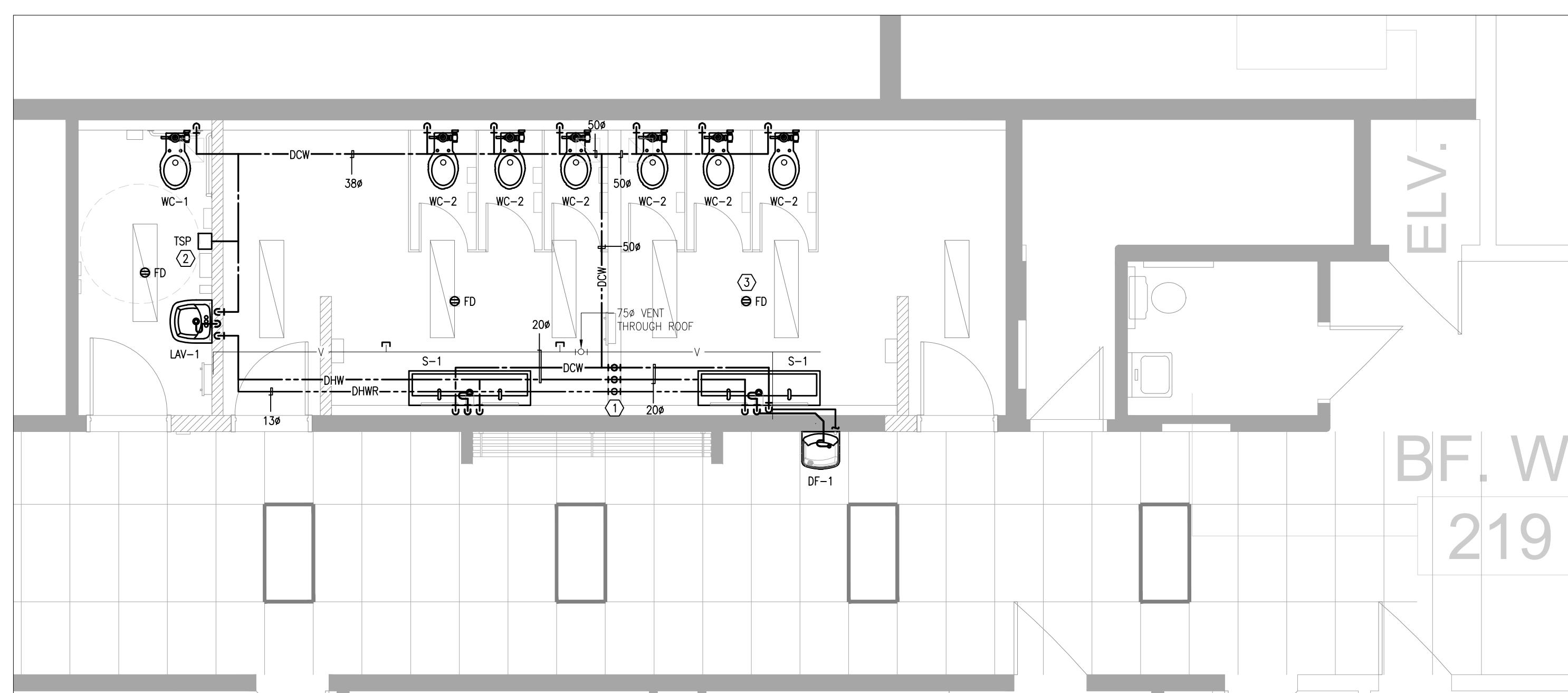
Project:  
WASHROOM RENOVATIONS  
**BELLWOOD PS**

30 BELLWOOD DR.  
WHITBY, ON L1N 8M4

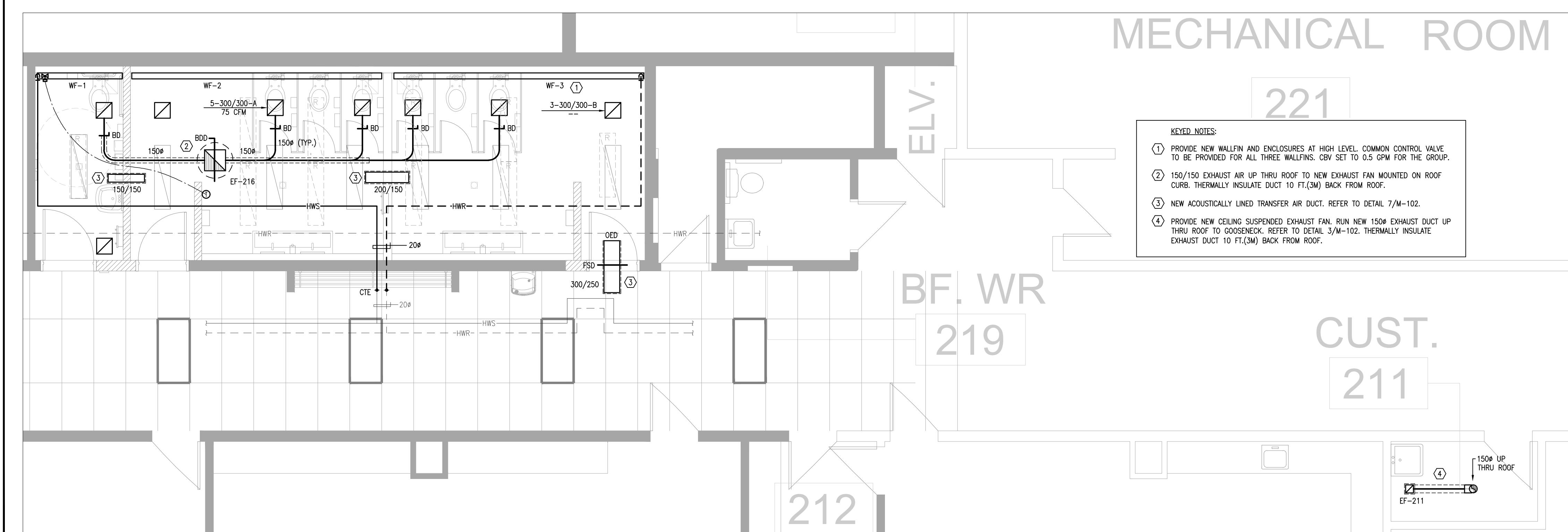
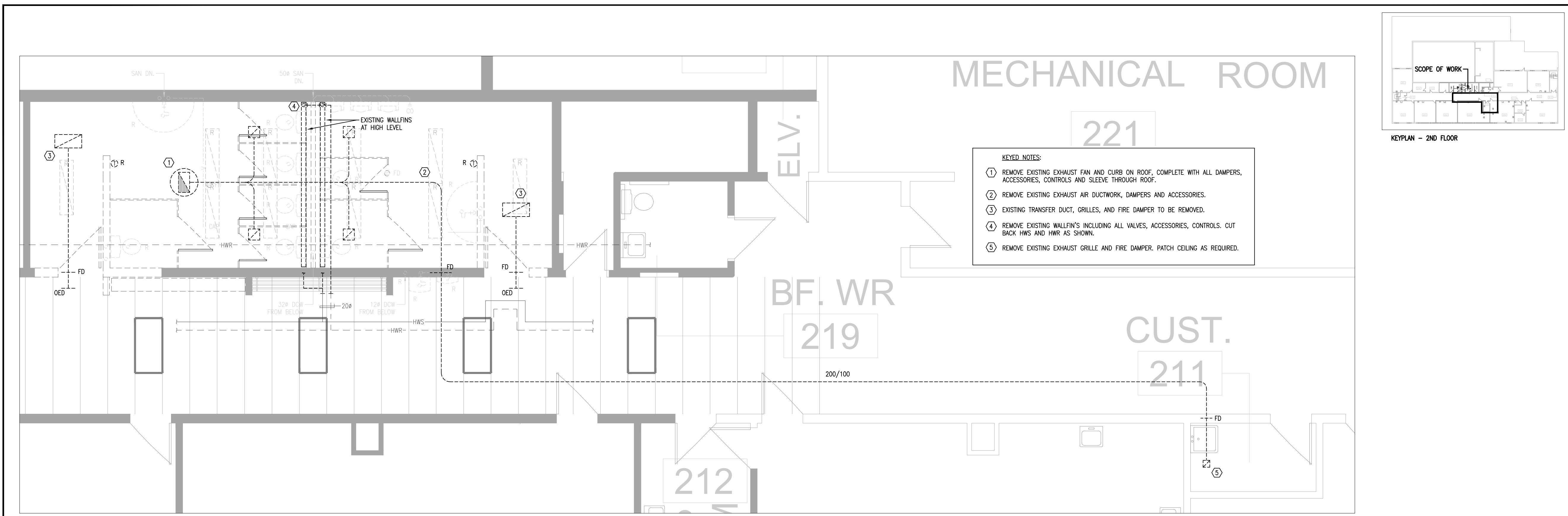
Title:  
2ND FLOOR WASHROOM  
- PD (DEMO/NEW)

Scale: As Noted	Date: 	Drawing: 
Project: 25-17	Drawn By: GPC	M-201

DATE PLOTTED:



2  
M-201 2ND FLOOR WASHROOM FP/PD - NEW  
SCALE 1:50



**2ND FLOOR WASHROOM HVAC - NEW**

**SUSAN FRIEDRICH ARCHITECT INC.**  
643 St. Clair Avenue West, Toronto, Ontario M6C 1A7  
Telephone (416) 588-3740

**DDSB**  
Ignite Learning

**RoMar**  
ENGINEERING  
MECHANICAL BUILDING SERVICES

LICENSED PROFESSIONAL ENGINEER  
M.Z. EDWARDS  
10018078  
PROVINCE OF ONTARIO  
2025, Feb 04

2 FEB 05, 2026 ISSUED FOR PERMIT/TENDER  
1 JAN 28, 2026 ISSUED FOR REVIEW

Revisions, Issues

Project: WASHROOM RENOVATIONS  
**BELLWOOD PS**  
30 BELLWOOD DR.  
WHITBY, ON L1N 8M4

Title: 2ND FLOOR WASHROOM  
- HVAC (DEMO/NEW)

Scale: As Noted Date: Drawing: **M-202**

Project: 25-17 Drawn By: GPC

DATE PLOTTED: JAN 05 2026

<p><b>SPECIFICATION NOTES:</b></p> <p>DRAWINGS ARE PERFORMANCE IN INTENT AND DIAGRAMMATIC IN NATURE.</p> <p>PROVIDE ALL PRODUCTS AND LABOUR TO PERFORM COMPLETELY THE WORK AS SHOWN OR REQUIRED TO MEET THE DESIGN INTENT, AT NO EXTRA COST.</p> <p>PERFORM ALL WORK IN CONFORMANCE TO BUILDING CODE, ELECTRICAL SAFETY CODE, LOCAL ELECTRICAL INSPECTOR'S REQUIREMENTS AND ALL MUNICIPAL BY-LAWS.</p> <p>DO NOT REDUCE STANDARDS SET BY THESE DRAWINGS BY APPLYING CODES.</p> <p>EXAMINE SITE FOR CONDITIONS AFFECTING WORK. NO EXTRA COST SHALL BE ALLOWED FOR CONSIDERATIONS OVERLOOKED.</p> <p>APPLY FOR ALL PERMITS, SERVICES AND INSPECTIONS AND PAY ALL RELATED FEES.</p> <p>SUBMIT SHOP DRAWINGS TO CONSULTANT FOR ALL ELECTRICAL EQUIPMENT FOR REVIEW AND COMMENTS.</p> <p>CARRY OUT WORK IN CONFORMANCE TO BASE BUILDING STANDARDS.</p> <p>MAKE ANY ADJUSTMENTS, REROUTINGS OR RELOCATIONS TO EXISTING ELECTRICAL PRODUCTS AS REQUIRED. PROVIDE SUCH ADJUSTMENTS AT NO EXTRA COST.</p> <p>BECOME FULLY FAMILIAR WITH EXISTING BUILDING SYSTEMS &amp; EQUIPMENT OPERATIONS. PROVIDE ALL REQUIRED PRODUCTS TO MAKE NEW WORK FULLY OPERATIONAL TO MEET DESIGN INTENT.</p> <p>INCLUDE IN QUOTED PRICE FOR ALL ALTERATIONS TO EXISTING BUILDING SYSTEMS AND ANY INSTALLED PRODUCTS AFFECTED IN INTERFACING NEW WORK.</p> <p>MAINTAIN ALL BUILDING SERVICE IN OPERATION. PROVIDE ALL TEMPORARY WIRING AND CONNECTIONS. SHUTDOWN SERVICES ONLY AS AUTHORIZED IN WRITING.</p> <p>INCLUDE IN QUOTED PRICE FOR PREMIUM TIME WORK REQUIRED.</p> <p>COORDINATE WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION. NOTIFY CONSULTANT OF ANY DISCREPANCIES.</p> <p>TEST NEW AND EXISTING INTERFACED SYSTEMS TO ENSURE PROPER OPERATION. VERIFY ALL DEFICIENCIES.</p> <p>REPAIR ANY SYSTEM DAMAGED DURING EXECUTION OF WORK.</p> <p>PRODUCTS SHALL BE OF MANUFACTURE SPECIFIED. WHERE MANUFACTURE IS NOT SPECIFIED, PRODUCTS SHALL BE OF HIGH COMMERCIAL QUALITY AND SHALL BE CSA APPROVED FOR THE APPLICATION.</p> <p>VERIFY LOADING OF EXISTING CIRCUITS TO BE REUSED. DO NOT EXCEED CODE REQUIREMENTS. VERIFY ON SITE EXISTING CIRCUITS USED, SPARE AND SPACES AVAILABLE WHERE EXISTING PANELS ARE TO BE REUSED. PROVIDE ADDITIONAL BREAKERS AND CIRCUITS AS NECESSARY.</p> <p>ADJUST PANEL SCHEDULES TO REFLECT ANY CHANGES PERFORMED TO THE CIRCUITS.</p> <p>ALL NEW BREAKERS SHALL BE BOLT-ON TYPE, 'SWD' RATED TO MATCH EXISTING.</p> <p>ALL NEW DISCONNECT SWITCHES SHALL BE HEAVY DUTY QUICK-MAKE, QUICK BREAK ENCLOSED SAFETY SWITCHES.</p> <p>PACK AND SEAL ALL PENETRATIONS THROUGH FLOORS AND FIRE RATED WALLS WITH APPROVED MATERIAL TO RETAIN FIRE RATING.</p> <p>PROVIDE ALL CUTTING AND PATCHING REQUIRED TO EFFECT WORK WITH THE PRIOR APPROVAL AND INSTRUCTION OF THE OWNER'S REPRESENTATIVE.</p> <p>WIRE NEW POWER OUTLETS IN EMT CONDUIT.</p> <p>DO ALL REQUIRED WORK RELATED TO LIFE SAFETY SYSTEMS AT NO EXTRA COST. RETAIN THE SYSTEM MANUFACTURER'S FORCES TO PERFORM FINAL CONNECTIONS, MODIFICATIONS AND PROVISION OF NEW INTERFACING DEVICES IN THE SYSTEM PANELS.</p> <p>ENSURE FULL COMPATIBILITY OF ALL NEW DEVICES WITH EXISTING LIFE SAFETY SYSTEMS.</p> <p>HAVE SYSTEM MANUFACTURER TEST AND CERTIFY LIFE SAFETY SYSTEMS FOR PROPER OPERATION AT COMPLETION OF WORK. PROVIE COMPLETE SYSTEM VERIFICATION TO SUIT LOCAL AUTHORITIES.</p> <p>DO NOT SCALE DRAWINGS. FOR EXACT LOCATIONS REFER TO ARCHITECTURAL DRAWINGS AND VERIFY ON SITE ALL DIMENSIONS PRIOR TO INSTALLING PRODUCTS.</p> <p>ADJUST LOCATION OF PRODUCTS UP TO 3ft (10 FT) IN ANY DIRECTION AS DIRECTED AT NO EXTRA COST, PROVIDED THE CHANGES ARE REQUESTED PRIOR TO INSTALLATION.</p> <p>INCLUDE FOR ANY ADDITIONAL COSTS INCURRED BY OTHER TRADES RESULTING FROM SUBSTITUTING ANY ALTERNATIVE EQUIPMENT.</p> <p>PROVIDE RECORD DRAWINGS OF THE AS-CONSTRUCTED WORK. OBTAIN AND PAY FOR ONE (1) SET OF MYLAR SEPIAS. SUBMIT SEPIAS AND ONE (1) SET OF PRINTS FOR APPROVAL.</p> <p>PROVIDE A FULLY ITEMIZED BREAKDOWN OF LABOUR AND MATERIAL FOR EXTRA OR OTHER WORK.</p> <p>ARRANGE FOR INSPECTION OF WORK BY INSPECTION AUTHORITY. PROVIDE A FINAL UNCONDITIONAL CERTIFICATE OF APPROVAL.</p> <p>PROVIDE A WRITTEN GUARANTEE FOR ONE (1) YEAR COVERING MATERIAL AND WORKMANSHIP. RECTIFY ANY DEFECTS PROMPTLY.</p> <p>REFER TO DIVISION 15 DOCUMENTS AND PROVIDE ALL POWER WIRING AND DISCONNECT SWITCHES REQUIRED.</p> <p>ENSURE RECEPTACLES ARE INSTALLED WHICH MATCH EQUIPMENT PLUG CON-FIGURATION. MAKE CHANGES TO SUIT AT NO EXTRA COST. TEST EACH RECEPTACLE FOR PROPER POLARITY AND GROUND.</p> <p>SUPPORT ALL NEW CONDUIT INSTALLATION FROM STRUCTURE. SECURE ALL PRODUCTS IN APPROVED MANNER.</p> <p>CIRCUIT NUMBERS INDICATED ON DRAWINGS ARE FOR LOAD GROUPING PURPOSES ONLY. BALANCE LOADS ON PANELS TO WITHIN 10% ACROSS PHASES.</p> <p>PROVIDE ALL WIRING DEVICES AS SPECIFICATION GRADE UNLESS NOTED OTHERWISE.</p> <p>IDENTIFY ALL EQUIPMENT PROVIDED WITH LAMICOID PLATES WITH 7mm (1/4") HIGH ENGRAVED LETTERS.</p> <p>PROVIDE ALL WIRING AS COPPER T90 FOR OVERHEAD INSTALLATION AND RWJ90 FOR UNDER GROUND INSTALLATION. ALL WIRING SHALL BE DONE IN CONDUIT UNLESS OTHERWISE NOTED. BX CABLE MAY BE USED IN PARTITION WALLS AND CEILING SPACE FOR RUNS NOT EXCEEDING 10 FT. HORIZONTALLY.</p> <p>MINIMUM WIRE SIZE IS #12 AWG. INCREASE SIZE AS REQUIRED TO LIMIT BRANCH CIRCUIT VOLTAGE DROP TO 3% AND FEEDER VOLTAGE DROPS TO 2% AT FULL LOAD AS PER OESC AND OBO SB-10 REQUIREMENTS. USE SOLID CONDUCTORS FOR SIZES #10 AWG AND SMALLER AND STRANDED CONDUCTORS FOR SIZES # 8 AWG AND LARGER.</p>	<p>KEY PLAN - FIRST FLOOR</p> <p>E100 SCALE: 1:200</p> <p>FIRST FLOOR SCOPE OF WORK, SEE DRAWING E-100 FOR MORE DETAILS.</p> <p>EXISTING ANNUNCIATOR PANEL</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">LEGEND OF SYMBOLS</th> </tr> <tr> <th>EXISTING</th> <th>NEW</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>FLUORESCENT OR LED LIGHT FIXTURE. INSCRIBED LETTER DENOTES TYPE AS PER SCHEDULE.</td> </tr> <tr> <td></td> <td></td> <td>H.I.D. OR LED LIGHT FIXTURE. INSCRIBED LETTER DENOTES TYPE AS PER SCHEDULE.</td> </tr> <tr> <td></td> <td></td> <td>CEILING OR WALL MOUNTED LED SERIES PICTOGRAM "RUNNING MAN" EXIT LIGHT SHADED AREA DENOTES REQUIRED FACE. SELF-POWERED 120/347V. LUMACELL OR EQUAL.</td> </tr> <tr> <td></td> <td></td> <td>EMERGENCY BATTERY PACK AND 2-6W MR16 LED LAMPHEADS. LUMACELL OR EQUAL.</td> </tr> <tr> <td></td> <td></td> <td>EMERGENCY BATTERY UNIT AS NOTED ON DRAWINGS C/W 12V, 6 WATT MR16 LED LAMPHEADS, UNLESS NOTED OTHERWISE. LUMACELL RGS SERIES C/W 1/2 HOUR WATTAGE CAPACITY AS NOTED ON DRAWINGS (120/347V INPUT). CONTRACTOR MUST NOT EXCEED 3% VOLTAGE DROP.</td> </tr> <tr> <td></td> <td></td> <td>SINGLE OR DOUBLE REMOTE EMERGENCY LAMPHEADS WALL MOUNTED C/W 6 WATT MR16 LED LAMPS, UNLESS NOTED OTHERWISE. LUMACELL OR APPROVED EQUAL.</td> </tr> <tr> <td></td> <td></td> <td>CEILING MOUNTED SELF-POWERED, 120/347V EMERGENCY FIXTURE C/W 4 X 2.5 WATT LED LAMP BEGHELLI PL-R-EM SERIES OR APPROVED EQUAL.</td> </tr> <tr> <td></td> <td></td> <td>15A 120V DUPLEX U-GROUND RECEPTACLE C/W MATCHING COVERPLATE, MH 12" A.F.F. ("20A" DENOTES CSA 5-20R, "1G" DENOTES ISOLATED GROUND).</td> </tr> <tr> <td></td> <td></td> <td>SAME AS ABOVE EXCEPT QUAD RECEPTACLE.</td> </tr> <tr> <td></td> <td></td> <td>SPECIAL RECEPTACLE. CSA CONFIGURATION AS NOTED.</td> </tr> <tr> <td></td> <td></td> <td>FLUSH FLOOR MOUNTED BOX WITH 2-20A DUPLEX RECEPTACLE AND PROVISION FOR TEL/DATA WIRING C/W CAST ALUMINUM COVER. VERIFY FINISHED COLOR. LEGRAND EVOLUTION SERIES EFB85</td> </tr> <tr> <td></td> <td></td> <td>FLUSH FLOOR MOUNTED BOX FOR CONNECTION TO SYSTEMS FURNITURE C/W CAST ALUMINUM COVER, VERIFY FINISHED COLOR. LEGRAND EVOLUTION SERIES EFBF</td> </tr> <tr> <td></td> <td></td> <td>WALL MOUNTED BOXES FOR POWER AND TEL/DATA WIRING TO SYSTEMS FURNITURE REFER TO FLOOR PLANS FOR WIRING REQUIREMENTS.</td> </tr> <tr> <td></td> <td></td> <td>SINGLE POLE TOGGLE SWITCH C/W MATCHING COVERPLATE. ("PL" DENOTES C/W PILOT LIGHT. "3" DENOTES 3-WAY, "D" DENOTES DIMMER TO SUIT APPLICATION)</td> </tr> <tr> <td></td> <td></td> <td>WALL MOUNTED TELEPHONE OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.</td> </tr> <tr> <td></td> <td></td> <td>WALL MOUNTED DATA OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.</td> </tr> <tr> <td></td> <td></td> <td>WALL MOUNTED TELEPHONE/DATA OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.</td> </tr> <tr> <td></td> <td></td> <td>WALL MOUNTED CABLE OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.</td> </tr> <tr> <td></td> <td></td> <td>CONNECTION TO 120V MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.</td> </tr> <tr> <td></td> <td></td> <td>CONNECTION TO 208V 1 PHASE MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.</td> </tr> <tr> <td></td> <td></td> <td>CONNECTION TO 208V 3 PHASE MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.</td> </tr> <tr> <td></td> <td></td> <td>CONNECTION TO 600V 3 PHASE MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.</td> </tr> <tr> <td></td> <td></td> <td>DISCONNECT SWITCH SIZED AS INDICATED ON DRAWINGS OR TO SUIT.</td> </tr> <tr> <td></td> <td></td> <td>MANUAL MOTOR STARTER SUPPLIED BY MECHANICAL CONTRACTOR BUT INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.</td> </tr> <tr> <td></td> <td></td> <td>MAGNETIC MOTOR STARTER SUPPLIED BY MECHANICAL CONTRACTOR BUT INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.</td> </tr> <tr> <td></td> <td></td> <td> THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR UNLESS OTHERWISE NOTED.</td> </tr> <tr> <td></td> <td></td> <td> ELECTRIC BASEBOARD HEATER 347V 1 PHASE C/W BUILT-IN THERMOSTAT UNLESS INDICATED OTHERWISE. STELPRO B SERIES OR APPROVED EQUAL. JUNCTION BOX BEHIND BASEBOARD HEATER FLUSH WITH FINISHED WALL FOR CONNECTION TO HEATER.</td> </tr> <tr> <td></td> <td></td> <td> RECESSED ELECTRIC FORCE FLOW HEATER 347V 1 PHASE C/W BUILT-IN THERMOSTAT TAMPERPROOF. STELPRO B SERIES OR APPROVED EQUAL. WATTAGE OF UNITS AS INDICATED ON DRAWINGS.</td> </tr> <tr> <td></td> <td></td> <td> SUSPENDED ELECTRIC UNIT HEATER 600V, 3 PHASE C/W REMOTE THERMOSTAT UNLESS OTHERWISE NOTED. STELPRO SHU SERIES OR APPROVED EQUAL. WATTAGE OF UNITS AS INDICATED ON DRAWINGS.</td> </tr> <tr> <td></td> <td></td> <td> ELECTRICAL PANEL</td> </tr> <tr> <td></td> <td></td> <td> FIRE ALARM PANEL OR ANNUNCIATOR</td> </tr> <tr> <td></td> <td></td> <td> JUNCTION BOX TO SUIT APPLICATION</td> </tr> <tr> <td></td> <td></td> <td> SPEED CONTROLLER SUPPLIED, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.</td> </tr> <tr> <td></td> <td></td> <td> SINGLE PUSH BUTTON STATION</td> </tr> <tr> <td></td> <td></td> <td> MULTI PUSH BUTTON STATION</td> </tr> <tr> <td></td> <td></td> <td> FIRE ALARM MANUAL PULL STATION</td> </tr> <tr> <td></td> <td></td> <td> FIRE ALARM HORN</td> </tr> <tr> <td></td> <td></td> <td> FIRE ALARM STROBE (110cd)</td> </tr> <tr> <td></td> <td></td> <td> FIRE ALARM HORN/STROBE (110cd)</td> </tr> <tr> <td></td> <td></td> <td> FIRE ALARM HEAT DETECTOR, 135°F RATE OF RISE.</td> </tr> <tr> <td></td> <td></td> <td> FIRE ALARM HEAT DETECTOR, 200°F FIXED TEMPERATURE.</td> </tr> <tr> <td></td> <td></td> <td> FIRE ALARM SMOKE DETECTOR.</td> </tr> </tbody> </table> <p>ABBREVIATION:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>WP</td> <td>DENOTES "WEATHER PROOF (NEMA TYPE 4X ENCLOSURE)".</td> </tr> <tr> <td>IG</td> <td>DENOTES "ISOLATED GROUND".</td> </tr> <tr> <td>GFI</td> <td>DENOTES "GROUND FAULT INTERRUPTER".</td> </tr> <tr> <td>ER</td> <td>DENOTES EXISTING ITEM TO BE RELOCATED.</td> </tr> <tr> <td>RI</td> <td>DENOTES EXISTING ITEM IN RELOCATED POSITION.</td> </tr> <tr> <td>EX</td> <td>DENOTES EXISTING ITEM TO REMAIN.</td> </tr> <tr> <td>R</td> <td>DENOTES EXISTING ITEM TO BE REMOVED.</td> </tr> <tr> <td>N</td> <td>DENOTES NEW TO MATCH EXISTING.</td> </tr> </table> <p>DRAWING LIST</p> <p>E-100 - ELECTRICAL LEGEND, SPECIFICATION AND DETAILS  E-200 - FIRST FLOOR GIRLS CHANGE ROOM DEMO &amp; NEW WORK  E-300 - SECOND FLOOR WASHROOMS &amp; CUSTODIAN ROOM DEMO AND NEW WORK</p>	LEGEND OF SYMBOLS			EXISTING	NEW	DESCRIPTION			FLUORESCENT OR LED LIGHT FIXTURE. INSCRIBED LETTER DENOTES TYPE AS PER SCHEDULE.			H.I.D. OR LED LIGHT FIXTURE. INSCRIBED LETTER DENOTES TYPE AS PER SCHEDULE.			CEILING OR WALL MOUNTED LED SERIES PICTOGRAM "RUNNING MAN" EXIT LIGHT SHADED AREA DENOTES REQUIRED FACE. SELF-POWERED 120/347V. LUMACELL OR EQUAL.			EMERGENCY BATTERY PACK AND 2-6W MR16 LED LAMPHEADS. LUMACELL OR EQUAL.			EMERGENCY BATTERY UNIT AS NOTED ON DRAWINGS C/W 12V, 6 WATT MR16 LED LAMPHEADS, UNLESS NOTED OTHERWISE. LUMACELL RGS SERIES C/W 1/2 HOUR WATTAGE CAPACITY AS NOTED ON DRAWINGS (120/347V INPUT). CONTRACTOR MUST NOT EXCEED 3% VOLTAGE DROP.			SINGLE OR DOUBLE REMOTE EMERGENCY LAMPHEADS WALL MOUNTED C/W 6 WATT MR16 LED LAMPS, UNLESS NOTED OTHERWISE. LUMACELL OR APPROVED EQUAL.			CEILING MOUNTED SELF-POWERED, 120/347V EMERGENCY FIXTURE C/W 4 X 2.5 WATT LED LAMP BEGHELLI PL-R-EM SERIES OR APPROVED EQUAL.			15A 120V DUPLEX U-GROUND RECEPTACLE C/W MATCHING COVERPLATE, MH 12" A.F.F. ("20A" DENOTES CSA 5-20R, "1G" DENOTES ISOLATED GROUND).			SAME AS ABOVE EXCEPT QUAD RECEPTACLE.			SPECIAL RECEPTACLE. CSA CONFIGURATION AS NOTED.			FLUSH FLOOR MOUNTED BOX WITH 2-20A DUPLEX RECEPTACLE AND PROVISION FOR TEL/DATA WIRING C/W CAST ALUMINUM COVER. VERIFY FINISHED COLOR. LEGRAND EVOLUTION SERIES EFB85			FLUSH FLOOR MOUNTED BOX FOR CONNECTION TO SYSTEMS FURNITURE C/W CAST ALUMINUM COVER, VERIFY FINISHED COLOR. LEGRAND EVOLUTION SERIES EFBF			WALL MOUNTED BOXES FOR POWER AND TEL/DATA WIRING TO SYSTEMS FURNITURE REFER TO FLOOR PLANS FOR WIRING REQUIREMENTS.			SINGLE POLE TOGGLE SWITCH C/W MATCHING COVERPLATE. ("PL" DENOTES C/W PILOT LIGHT. "3" DENOTES 3-WAY, "D" DENOTES DIMMER TO SUIT APPLICATION)			WALL MOUNTED TELEPHONE OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.			WALL MOUNTED DATA OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.			WALL MOUNTED TELEPHONE/DATA OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.			WALL MOUNTED CABLE OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.			CONNECTION TO 120V MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.			CONNECTION TO 208V 1 PHASE MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.			CONNECTION TO 208V 3 PHASE MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.			CONNECTION TO 600V 3 PHASE MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.			DISCONNECT SWITCH SIZED AS INDICATED ON DRAWINGS OR TO SUIT.			MANUAL MOTOR STARTER SUPPLIED BY MECHANICAL CONTRACTOR BUT INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.			MAGNETIC MOTOR STARTER SUPPLIED BY MECHANICAL CONTRACTOR BUT INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.			THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR UNLESS OTHERWISE NOTED.			ELECTRIC BASEBOARD HEATER 347V 1 PHASE C/W BUILT-IN THERMOSTAT UNLESS INDICATED OTHERWISE. STELPRO B SERIES OR APPROVED EQUAL. JUNCTION BOX BEHIND BASEBOARD HEATER FLUSH WITH FINISHED WALL FOR CONNECTION TO HEATER.			RECESSED ELECTRIC FORCE FLOW HEATER 347V 1 PHASE C/W BUILT-IN THERMOSTAT TAMPERPROOF. STELPRO B SERIES OR APPROVED EQUAL. WATTAGE OF UNITS AS INDICATED ON DRAWINGS.			SUSPENDED ELECTRIC UNIT HEATER 600V, 3 PHASE C/W REMOTE THERMOSTAT UNLESS OTHERWISE NOTED. STELPRO SHU SERIES OR APPROVED EQUAL. WATTAGE OF UNITS AS INDICATED ON DRAWINGS.			ELECTRICAL PANEL			FIRE ALARM PANEL OR ANNUNCIATOR			JUNCTION BOX TO SUIT APPLICATION			SPEED CONTROLLER SUPPLIED, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.			SINGLE PUSH BUTTON STATION			MULTI PUSH BUTTON STATION			FIRE ALARM MANUAL PULL STATION			FIRE ALARM HORN			FIRE ALARM STROBE (110cd)			FIRE ALARM HORN/STROBE (110cd)			FIRE ALARM HEAT DETECTOR, 135°F RATE OF RISE.			FIRE ALARM HEAT DETECTOR, 200°F FIXED TEMPERATURE.			FIRE ALARM SMOKE DETECTOR.	WP	DENOTES "WEATHER PROOF (NEMA TYPE 4X ENCLOSURE)".	IG	DENOTES "ISOLATED GROUND".	GFI	DENOTES "GROUND FAULT INTERRUPTER".	ER	DENOTES EXISTING ITEM TO BE RELOCATED.	RI	DENOTES EXISTING ITEM IN RELOCATED POSITION.	EX	DENOTES EXISTING ITEM TO REMAIN.	R	DENOTES EXISTING ITEM TO BE REMOVED.	N	DENOTES NEW TO MATCH EXISTING.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>NO.</td> <td>DATE</td> <td>REVISION</td> <td>BY</td> </tr> <tr> <td>1</td> <td>JAN 28/26</td> <td>ISSUED FOR REVIEW</td> <td>MA</td> </tr> <tr> <td>2</td> <td>FEB 05/26</td> <td>ISSUED FOR PERMIT AND TENDER</td> <td>MA</td> </tr> </table> <div style="text-align: center; margin-top: 10px;"> </div> <div style="text-align: center; margin-top: 10px;"> </div> <div style="text-align: center; margin-top: 10px;"> <p>ELECTRICAL CONSULTANT:  <b>MJA ENGINEERING LTD.</b>  ELECTRICAL ENGINEERS</p> <p>556 EDWARD AVENUE, UNIT B2  RICHMOND, ONTARIO  L4C 9T5, CANADA  PHONE: (905) 780-8590 FAX: (905) 780-8591  EMAIL: engineering@mjaeng.com  WEB SITE: www.mjaeng.com</p> </div> <div style="text-align: center; margin-top: 10px;"> <p><b>© COPYRIGHT NOTES:</b></p> <p>DISCLAIMER :</p> <ol style="list-style-type: none"> <li>1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.</li> <li>2. DO NOT SCALE DRAWINGS.</li> <li>3. REPORT ALL DISCOVERIES OF ERRORS, OMISSIONS OR DISCREPANCIES TO ENGINEER FOR CORRECTION AND ENHANCED APPROPRIATE.</li> <li>4. USE ONLY LATEST REVISED DRAWINGS OR THOSE THAT ARE MARKED "ISSUED FOR CONSTRUCTION" AND SIGNED BY THE ENGINEER.</li> <li>5. THIS DOCUMENT SHALL REMAIN THE PROPERTY OF MJA ENGINEERING LTD. THE CLIENT SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE ONLY. THIS DOCUMENT CANNOT BE MODIFIED AND/OR REPRODUCED BY OTHERS WITHOUT WRITTEN CONSENT OF MJA ENGINEERING LTD.</li> </ol> <p>MECHANICAL CONSULTANT:</p> <div style="display: flex; align-items: center;"> <p><b>RoMar</b> ENGINEERING MECHANICAL BUILDING SERVICES</p> </div> <p>PROJECT/LOCATION  <b>BELLWOOD P.S.</b>  WASHROOM RENOVATIONS.  30 BELLWOOD DR., WHITBY, ON L1N 8M4</p> <p>DRAWING NAME  ELECTRICAL LEGEND, SPECIFICATION AND DETAILS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DRAWN</td> <td>SCALE</td> <td rowspan="2">DRAWING NO.</td> </tr> <tr> <td>H.G.</td> <td>N.T.S.</td> </tr> <tr> <td>CHECKED</td> <td>DATE</td> <td rowspan="2">E-100</td> </tr> <tr> <td>M.A.</td> <td>JAN. 2026</td> </tr> <tr> <td colspan="3">PROJECT NO: 2026-013</td> </tr> </table> </div>	NO.	DATE	REVISION	BY	1	JAN 28/26	ISSUED FOR REVIEW	MA	2	FEB 05/26	ISSUED FOR PERMIT AND TENDER	MA	DRAWN	SCALE	DRAWING NO.	H.G.	N.T.S.	CHECKED	DATE	E-100	M.A.	JAN. 2026	PROJECT NO: 2026-013		
LEGEND OF SYMBOLS																																																																																																																																																																																
EXISTING	NEW	DESCRIPTION																																																																																																																																																																														
		FLUORESCENT OR LED LIGHT FIXTURE. INSCRIBED LETTER DENOTES TYPE AS PER SCHEDULE.																																																																																																																																																																														
		H.I.D. OR LED LIGHT FIXTURE. INSCRIBED LETTER DENOTES TYPE AS PER SCHEDULE.																																																																																																																																																																														
		CEILING OR WALL MOUNTED LED SERIES PICTOGRAM "RUNNING MAN" EXIT LIGHT SHADED AREA DENOTES REQUIRED FACE. SELF-POWERED 120/347V. LUMACELL OR EQUAL.																																																																																																																																																																														
		EMERGENCY BATTERY PACK AND 2-6W MR16 LED LAMPHEADS. LUMACELL OR EQUAL.																																																																																																																																																																														
		EMERGENCY BATTERY UNIT AS NOTED ON DRAWINGS C/W 12V, 6 WATT MR16 LED LAMPHEADS, UNLESS NOTED OTHERWISE. LUMACELL RGS SERIES C/W 1/2 HOUR WATTAGE CAPACITY AS NOTED ON DRAWINGS (120/347V INPUT). CONTRACTOR MUST NOT EXCEED 3% VOLTAGE DROP.																																																																																																																																																																														
		SINGLE OR DOUBLE REMOTE EMERGENCY LAMPHEADS WALL MOUNTED C/W 6 WATT MR16 LED LAMPS, UNLESS NOTED OTHERWISE. LUMACELL OR APPROVED EQUAL.																																																																																																																																																																														
		CEILING MOUNTED SELF-POWERED, 120/347V EMERGENCY FIXTURE C/W 4 X 2.5 WATT LED LAMP BEGHELLI PL-R-EM SERIES OR APPROVED EQUAL.																																																																																																																																																																														
		15A 120V DUPLEX U-GROUND RECEPTACLE C/W MATCHING COVERPLATE, MH 12" A.F.F. ("20A" DENOTES CSA 5-20R, "1G" DENOTES ISOLATED GROUND).																																																																																																																																																																														
		SAME AS ABOVE EXCEPT QUAD RECEPTACLE.																																																																																																																																																																														
		SPECIAL RECEPTACLE. CSA CONFIGURATION AS NOTED.																																																																																																																																																																														
		FLUSH FLOOR MOUNTED BOX WITH 2-20A DUPLEX RECEPTACLE AND PROVISION FOR TEL/DATA WIRING C/W CAST ALUMINUM COVER. VERIFY FINISHED COLOR. LEGRAND EVOLUTION SERIES EFB85																																																																																																																																																																														
		FLUSH FLOOR MOUNTED BOX FOR CONNECTION TO SYSTEMS FURNITURE C/W CAST ALUMINUM COVER, VERIFY FINISHED COLOR. LEGRAND EVOLUTION SERIES EFBF																																																																																																																																																																														
		WALL MOUNTED BOXES FOR POWER AND TEL/DATA WIRING TO SYSTEMS FURNITURE REFER TO FLOOR PLANS FOR WIRING REQUIREMENTS.																																																																																																																																																																														
		SINGLE POLE TOGGLE SWITCH C/W MATCHING COVERPLATE. ("PL" DENOTES C/W PILOT LIGHT. "3" DENOTES 3-WAY, "D" DENOTES DIMMER TO SUIT APPLICATION)																																																																																																																																																																														
		WALL MOUNTED TELEPHONE OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.																																																																																																																																																																														
		WALL MOUNTED DATA OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.																																																																																																																																																																														
		WALL MOUNTED TELEPHONE/DATA OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.																																																																																																																																																																														
		WALL MOUNTED CABLE OUTLET C/W COVER PLATE MATCHING ADJACENT CONVENIENCE OUTLETS. MH 12" A.F.F. UNLESS NOTED OTHERWISE EXTEND 3/4" EMT CONDUIT C/W PULL ROPE TO ACCESSIBLE CEILING SPACE.																																																																																																																																																																														
		CONNECTION TO 120V MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.																																																																																																																																																																														
		CONNECTION TO 208V 1 PHASE MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.																																																																																																																																																																														
		CONNECTION TO 208V 3 PHASE MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.																																																																																																																																																																														
		CONNECTION TO 600V 3 PHASE MOTOR OR POWER OUTLET AS INDICATED ON DRAWINGS.																																																																																																																																																																														
		DISCONNECT SWITCH SIZED AS INDICATED ON DRAWINGS OR TO SUIT.																																																																																																																																																																														
		MANUAL MOTOR STARTER SUPPLIED BY MECHANICAL CONTRACTOR BUT INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.																																																																																																																																																																														
		MAGNETIC MOTOR STARTER SUPPLIED BY MECHANICAL CONTRACTOR BUT INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.																																																																																																																																																																														
		THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR UNLESS OTHERWISE NOTED.																																																																																																																																																																														
		ELECTRIC BASEBOARD HEATER 347V 1 PHASE C/W BUILT-IN THERMOSTAT UNLESS INDICATED OTHERWISE. STELPRO B SERIES OR APPROVED EQUAL. JUNCTION BOX BEHIND BASEBOARD HEATER FLUSH WITH FINISHED WALL FOR CONNECTION TO HEATER.																																																																																																																																																																														
		RECESSED ELECTRIC FORCE FLOW HEATER 347V 1 PHASE C/W BUILT-IN THERMOSTAT TAMPERPROOF. STELPRO B SERIES OR APPROVED EQUAL. WATTAGE OF UNITS AS INDICATED ON DRAWINGS.																																																																																																																																																																														
		SUSPENDED ELECTRIC UNIT HEATER 600V, 3 PHASE C/W REMOTE THERMOSTAT UNLESS OTHERWISE NOTED. STELPRO SHU SERIES OR APPROVED EQUAL. WATTAGE OF UNITS AS INDICATED ON DRAWINGS.																																																																																																																																																																														
		ELECTRICAL PANEL																																																																																																																																																																														
		FIRE ALARM PANEL OR ANNUNCIATOR																																																																																																																																																																														
		JUNCTION BOX TO SUIT APPLICATION																																																																																																																																																																														
		SPEED CONTROLLER SUPPLIED, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.																																																																																																																																																																														
		SINGLE PUSH BUTTON STATION																																																																																																																																																																														
		MULTI PUSH BUTTON STATION																																																																																																																																																																														
		FIRE ALARM MANUAL PULL STATION																																																																																																																																																																														
		FIRE ALARM HORN																																																																																																																																																																														
		FIRE ALARM STROBE (110cd)																																																																																																																																																																														
		FIRE ALARM HORN/STROBE (110cd)																																																																																																																																																																														
		FIRE ALARM HEAT DETECTOR, 135°F RATE OF RISE.																																																																																																																																																																														
		FIRE ALARM HEAT DETECTOR, 200°F FIXED TEMPERATURE.																																																																																																																																																																														
		FIRE ALARM SMOKE DETECTOR.																																																																																																																																																																														
WP	DENOTES "WEATHER PROOF (NEMA TYPE 4X ENCLOSURE)".																																																																																																																																																																															
IG	DENOTES "ISOLATED GROUND".																																																																																																																																																																															
GFI	DENOTES "GROUND FAULT INTERRUPTER".																																																																																																																																																																															
ER	DENOTES EXISTING ITEM TO BE RELOCATED.																																																																																																																																																																															
RI	DENOTES EXISTING ITEM IN RELOCATED POSITION.																																																																																																																																																																															
EX	DENOTES EXISTING ITEM TO REMAIN.																																																																																																																																																																															
R	DENOTES EXISTING ITEM TO BE REMOVED.																																																																																																																																																																															
N	DENOTES NEW TO MATCH EXISTING.																																																																																																																																																																															
NO.	DATE	REVISION	BY																																																																																																																																																																													
1	JAN 28/26	ISSUED FOR REVIEW	MA																																																																																																																																																																													
2	FEB 05/26	ISSUED FOR PERMIT AND TENDER	MA																																																																																																																																																																													
DRAWN	SCALE	DRAWING NO.																																																																																																																																																																														
H.G.	N.T.S.																																																																																																																																																																															
CHECKED	DATE	E-100																																																																																																																																																																														
M.A.	JAN. 2026																																																																																																																																																																															
PROJECT NO: 2026-013																																																																																																																																																																																

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">NO.</td> <td style="width: 10%;">DATE</td> <td style="width: 10%;">REVISION</td> <td style="width: 10%;">BY</td> </tr> <tr> <td>1</td> <td>JAN.28/26</td> <td>ISSUED FOR REVIEW</td> <td>MA</td> </tr> <tr> <td>2</td> <td>FEB.05/26</td> <td>ISSUED FOR PERMIT AND TENDER</td> <td>MA</td> </tr> </table>		NO.	DATE	REVISION	BY	1	JAN.28/26	ISSUED FOR REVIEW	MA	2	FEB.05/26	ISSUED FOR PERMIT AND TENDER	MA
NO.	DATE	REVISION	BY										
1	JAN.28/26	ISSUED FOR REVIEW	MA										
2	FEB.05/26	ISSUED FOR PERMIT AND TENDER	MA										
<b>ELECTRICAL CONSULTANT:</b>													
<b>MJA ENGINEERING LTD.</b> ELECTRICAL ENGINEERS													
556 EDWARD AVENUE, UNIT B2 RICHMOND HILL, ONTARIO L4B 9Y5, CANADA PHONE: (905) 780-8590 FAX: (905) 780-8591 EMAIL: engineering@mjaeng.com WEB SITE: www.mjaeng.com													
<b>© COPYRIGHT NOTES:</b>													
DISCLAIMER : 1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. 2. DO NOT SCALE DRAWINGS. 3. REPORT ALL DISCOVERIES OF ERRORS, OMISSIONS OR DISCREPANCIES TO THE ENGINEER. 4. USE ONLY LATEST REVISED DRAWINGS OR THOSE THAT ARE MARKED "ISSUED FOR CONSTRUCTION" AND SIGNED BY THE ENGINEER. 5. THIS DOCUMENT SHALL REMAIN THE PROPERTY OF MJA ENGINEERING LTD. THE CLIENT SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE ONLY. THIS DOCUMENT CANNOT BE MODIFIED AND/OR REPRODUCED BY OTHERS WITHOUT WRITTEN CONSENT OF MJA ENGINEERING LTD.													
<b>MECHANICAL CONSULTANT:</b>													
<b>RoMar</b> ENGINEERING MECHANICAL BUILDING SERVICES													
<b>PROJECT/LOCATION:</b>													
<b>BELLWOOD P.S.</b> <b>WASHROOM RENOVATIONS.</b>													
30 BELLWOOD DR., WHITBY, ON L1N 8M4													
<b>DRAWING NAME:</b>													
FIRST FLOOR GIRLS CHANGE ROOM DEMO AND NEW WORK													
DRAWN <span style="border: 1px solid black; padding: 2px;">H.G</span> <span style="border: 1px solid black; padding: 2px;">SCALE AS SHOWN</span> DRAWING NO. <span style="border: 1px solid black; padding: 2px;"> </span>													
CHECKED <span style="border: 1px solid black; padding: 2px;">M.A</span> <span style="border: 1px solid black; padding: 2px;">DATE JAN. 2026</span>													
PROJECT NO. <span style="border: 1px solid black; padding: 2px;">E-200</span> <span style="border: 1px solid black; padding: 2px;">2026-013</span>													

