



## St. Joseph Catholic Elementary School

405 Douro 4th Line, Douro, ON

ISSUED FOR SITE PLAN APPROVAL Date: March 29, 2022

**CONSULTING TEAM** 

### ARCHITECTURAL

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## 01

DEI CONSULTING ENGINEERS 55 NORTHLAND ROAD, WATERLOO, ONTARIO N2V 1Y8 T: 519-725-3555 F: 519-725-2515

**MECHANICAL / ELECTRICAL** 

Cilcot		NT1
Number	Sheet Name	SG1
		SS1
A 1 O 1	Cita Dian Laganda 9 Canaval Natas	ESC1
A101	Site Plan, Legends & General Notes	
A102	Demolition Site Plan, Site Details &	
	Demoltion Notes	Land
A103	Demolition Floor & Roof Plans, Elevations	Lanc
	& Removals Notes	Sheet Number
A 004		L1
A201	Fire Separations, General Notes & Misc.	L2
	Details	L3
A202	Floor Plan & Details	
A203	Roof Plan & Miscellaneous Details	01
A204	Enlarged Plans & Miscellaneous Details	Stru
A205	Enlarged Plans & Miscellaneous Details	Sheet Number
		S101
A301	Exterior Elevations & Details	\$102
A302	Curtainwall / Screen Elevations, Room &	S201
	Door Schedules	S202 S301
A 404		3301
A401	Wall Sections & Details	

Architectural - Drawing List

Wall Sections & Details

A701 Reflected Ceiling Plan & Details

Wall Sections & Miscellaneous Details

Sheet Number	Sheet Name							
NT1	Notes and Details							
SG1	Site Grading Plan							
SS1	Site Servicing Plan Erosion and Sediment Control Plan							
ESC1								
Lan	dscape Drawing List							
Sheet Number	Sheet Name							
L1	Tree Preservation Plan							
L2	Landscape Plan Details							
L3								
	uctural Drawing List							
	Sheet Name							
Str Sheet Number S101								
Sheet Number	Sheet Name Foundation Plan Roof Framing Plan							
Sheet Number S101	Sheet Name Foundation Plan Roof Framing Plan Foundation Sections & Column Schedule							
Sheet Number S101 S102	Sheet Name Foundation Plan							

Civil Drawing List

Sheet Number	Sheet Name
M101	Site Plan, Legend, Schedules & Details
M201	Floor Plan - Plumbing & Drainage Demolition
M202	Floor Plan - Ventilation & Heating Demolition
M301	Floor Plan - Plumbing & Drainage Renovation & Details
M302	Floor Plan - Ventilation & Heating Renovation & Details
M401	Mechanical Room Demo and Reno Plans & Details
M402	Mechanical Room Schematic Renovation
M501	Roof Plan & Details

Electrical Drawing List								
Sheet Number	Sheet Name							
E101	Site Plan							
E201	Floor Plan - Demolition							
E301	Floor Plan - Renovation Lighting							
E401	Floor Plan - Renovation Power/Systems							
E402	Roof Plan - Renovation Power/Systems							
E501	Distribution Riser Diagram							
E601	Schedules and Details							
E701	Lighting Control Diagrams							



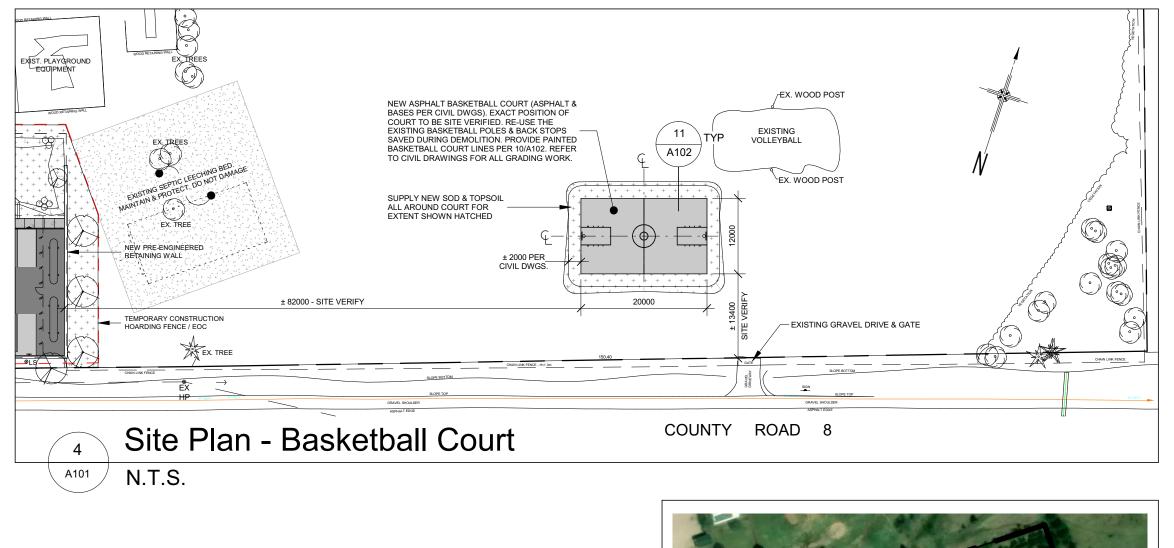
EXISTING RENOVATED	TOTAL PROJECT AREA
	EXISTING RENOVATED

TEM	ONTARIO BUILDING		OBC REFERENCE					
1	PROJECT DESCRIP	PTION [] (	CHANGE OF USE	□ NEW	☑ P11	☑ PART 3	□ PART 9	
		$\boxtimes$ A	ALTERATION		FOR EXISTING	FOR NEW BLDG	2.2.1 & 9.10.1.3	
2	MAJOR OCCUPANO	3.2.2.24	9.10.2					
3	BUILDING AREA (M		1.1.3.2	1.1.3.2				
4	GROSS AREA (M²)	- 2502.5 N	12			1.1.3.2	1.1.3.2	
5	NUMBER OF STOR	EYS - 1 STORE	ΞΥ				2.1.1.3	
6	HEIGHT OF BUILDII	NG (M) - 6.4m				3.2.1.1 & 1.1.3.2	2.1.1.3	
7	NUMBER OF STREE	ETS/ACCESS RO	UTES 1 STREET	- Fire Route indicated o	n drawings	3.2.2.10 & 3.2.5.5		
8	BUILDING CLASSIF	ICATIONS GRO	UP 'A' - Division 2, up	to 2 Storeys		3.2.2.24	9.10.4	
9	SPRINKLER SYSTE	OF RATING	3.2.2.24	9.10.8				
10	STANDPIPE REQUI	RED	☐ YES	⊠ NO		3.2.9		
11	FIRE ALARM REQU	IRED	⊠ YES	□ NO		3.2.4	9.10.7.2	
12	WATER SERVICE /S	SUPPLY IS ADEQ		3.2.5.7				
13	HIGH BUILDING			3.2.6				
14	PERMITTED CONSTRU		⊠ BOTH □ BOTH	3.2.2.24	9.10.6			
15	MEZZANINE(S) ARE	EA (M²) - 27.74 M	2			3.2.1.1	9.10.4.1	
16	OCCUPANT LOAD I	BASED ON □ M² O(	PERSONS	3.1.17	9.9.1.3			
17	BARRIER-FREE DE	SIGN	☑ YES ☐ NO (E	XPLAIN)		3.8	9.5.2	
18	HAZARDOUS SUBS	STANCES	□ YES ⊠ NO			3.2.1.2(1) & 3.3.1.19(1)	9.1.10.3	
19	REQUIRED FIRE RESISTANCE RATING (FRR)	HORIZONTAL A FRR (HOURS) FLOORS		LISTED DESIGN No OR DESCRIPTION (		3.2.2.24	9.10.8	
	,	ROOF		N/A N/A				
		MEZZANINE	3/4 HOUR 3/4 HOUR	N/A N/A				
		FRR OF SUPP	SG-2)	-				
		FLOORS	N/A	N/A	,			
		ROOF	3/4 HOUR	N/A				

MEZZANINE 3/4 HOUR

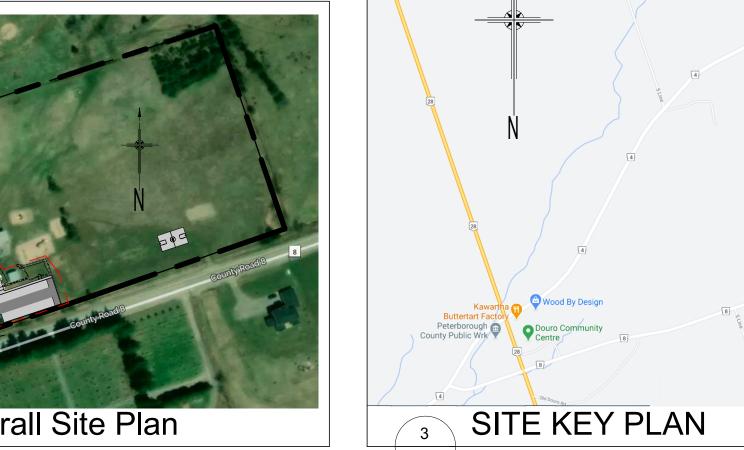
20 SPATIAL SEPARATION \*\*REFER TO NOTES REGARDING DEMOLITION / CONSTRUCTION PHASING 3.2.3

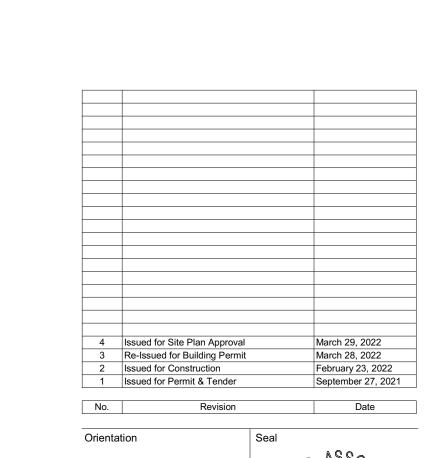
PROJECT STATISTICS	REQUIRED	PROVIDED
ZONING	I (INSTITUTIONAL)	1
TOTAL LOT FRONTAGE (WEST)	90m	74.52 m (EXISTING)
TOTAL LOT AREA	1.6ha	38618.5 m²
TOTAL BUILDING AREA (EXISTING + NEW ADDITION)		2502.5 m²
% OF BUILDING LOT COVERAGE	25% maximum	6.48 %
EXISTING BUILDING AREA (TOTAL)		1872 m²
EXISTING BUILDING "A" AREA		779 m²
EXISTING BUILDING "B" AREA		1093 m²
RENOVATION AREA		293.6 m²
ADDITION AREA (TOTAL)		630.5 m²
ADDITION AREA BUILDING "A"		230 m²
ADDITION AREA BUILDING "B"		400.5 m <sup>2</sup>
REVISED TOTAL BUILDING "A" AREA		1009 m²
REVISED TOTAL BUILDING "B" AREA		1493.5 m²
BUILDING HEIGHT	10.5m maximum	6.4 m
BUILDING TO PROPERTY SETBACKS		
FRONT YARD SETBACK (WEST)	15.0m minimum	11.46 m (EXISTING)
REAR YARD SETBACK (EAST)	7.5m	212.05 m
INTERIOR SIDE YARD SETBACK (NORTH)	7.5m	7.62 m (EXISTING)
EXTERIOR SIDE YARD SETBACK (SOUTH)	15.0m	11.71 m (EXISTING)
PARKING STALLS		
ELEMENTARY SCHOOLS REQUIRE THE GREATER OF 1.5 PARKING SPACES PER CLASSROOM, OR 1 SPACE PER 3.2M² OF GYM/AUDITORIUM  ***EXISTING SCHOOL HAS NO ON SITE PARKING. THERE IS AN AGREEMENT WITH THE CHURCH ACROSS THE ROAD THAT PERMITS USE OF THE CHURCH PARKING. FOUR PORTABLES ARE BEING REMOVED FROM THE SITE UPON COMPLETION OF THE PROJECT, SO PARKING DEMANDS WILL NOT INCREASE AS A RESULT OF THIS PROPOSAL.	75	23***



ITEM	ONTARIO BUILDING CODE DATA MATRIX PAR	OBC REFERENCE			
1	BUILDING CLASSIFICATION				
	DESCRIBE EXISTING USE - GROUP 'A' DIV 2, U CONSTRUCTION INDEX - 5 HAZARD INDEX - 6 ☑ NOT APPLICABLE	up to 2 \$	Storeys, 1 Str	eet	11.2.1 T 11.2.1.1A T 11.2.1.1B TO N
2	ALTERATION TO EXISTING BUILDING IS -	_	BASIC RENC	OVATION RENOVATION	11.3.3.1 11.3.3.2
3	REDUCTION IN PERFORMANCE LEVEL -	11.4.2			
	STRUCTURAL - BY INCREASE IN OCCUPANT LOAD - BY CHANGE OF MAJOR OCCUPANCY - PLUMBING - SEWAGE SYSTEM -		YES YES YES YES YES	□ NO □ NO ⊠ NO □ NO ⊠ NO	11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5
4	COMPENSATING CONSTRUCTION - STRUCTURAL - BY INCREASE IN OCCUPANT LOAD - BY CHANGE OF MAJOR OCCUPANCY - PLUMBING - SEWAGE SYSTEM -		YES YES YES YES YES	□ NO □ NO ⊠ NO □ NO □ NO	11.4.3 11.4.3.2 11.4.3.3 11.4.3.4 11.4.3.5 11.4.3.6
5	COMPLIANCE ALTERNATIVES PROPOSED		YES	■ NO	11.5.1







PROJECT NORTH

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant. © Copyright Reserved: These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc. They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.

# architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1

Project Information St. Joseph C.E.S.-Addition and Alterations

405 Douro 4th Line, Douro, ON

**PVNCCDSB** 

Site Plan, Legends & General

Feb. 23, 2022 As indicated

N.T.S.

A101 N.T.S.

© FH INDICATES FIRE HYDRANT PER CIVIL

INDICATES POST MOUNTED SIGN

BH1 INDICATES BOREHOLE LOCATION.

INVESTIGATION REPORT.

cc INDICATES CONCRETE CURB CUT

\* \* REFER TO LANDSCAPE DRAWINGS

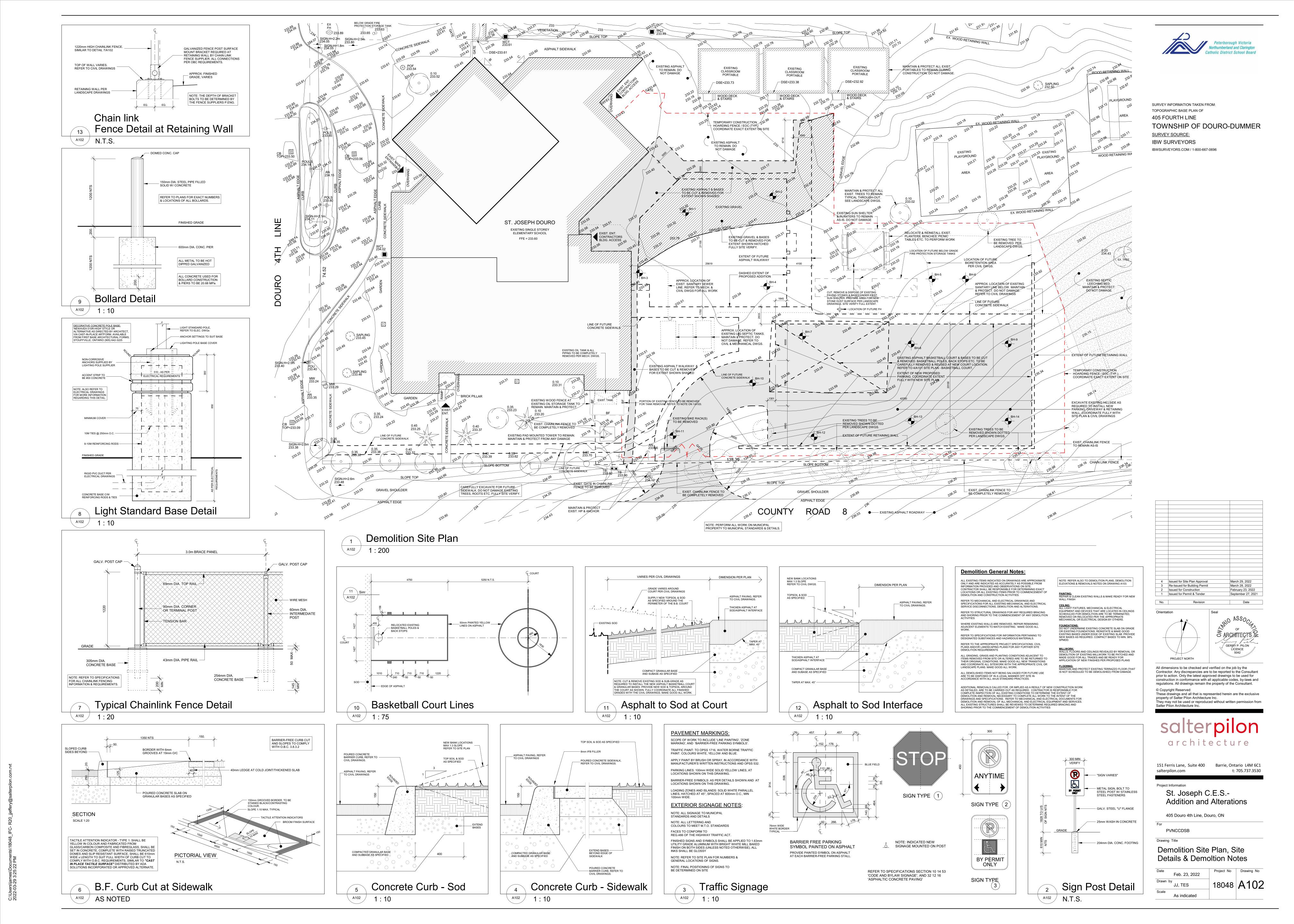
INDICATES EXISTING TREES TO REMAIN.

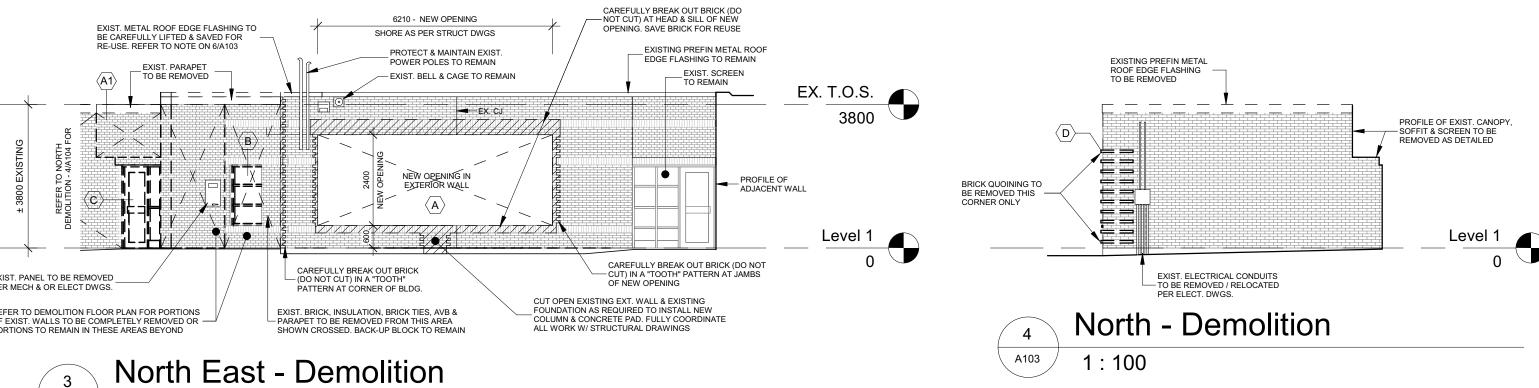
REFER TO GEOTECHNICAL

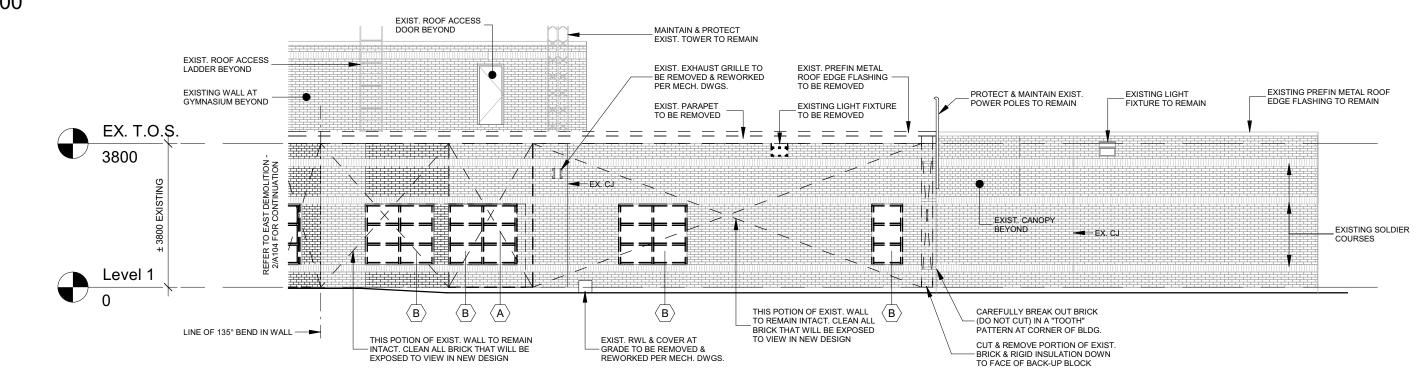
GRASS / SOD / TOPSOIL

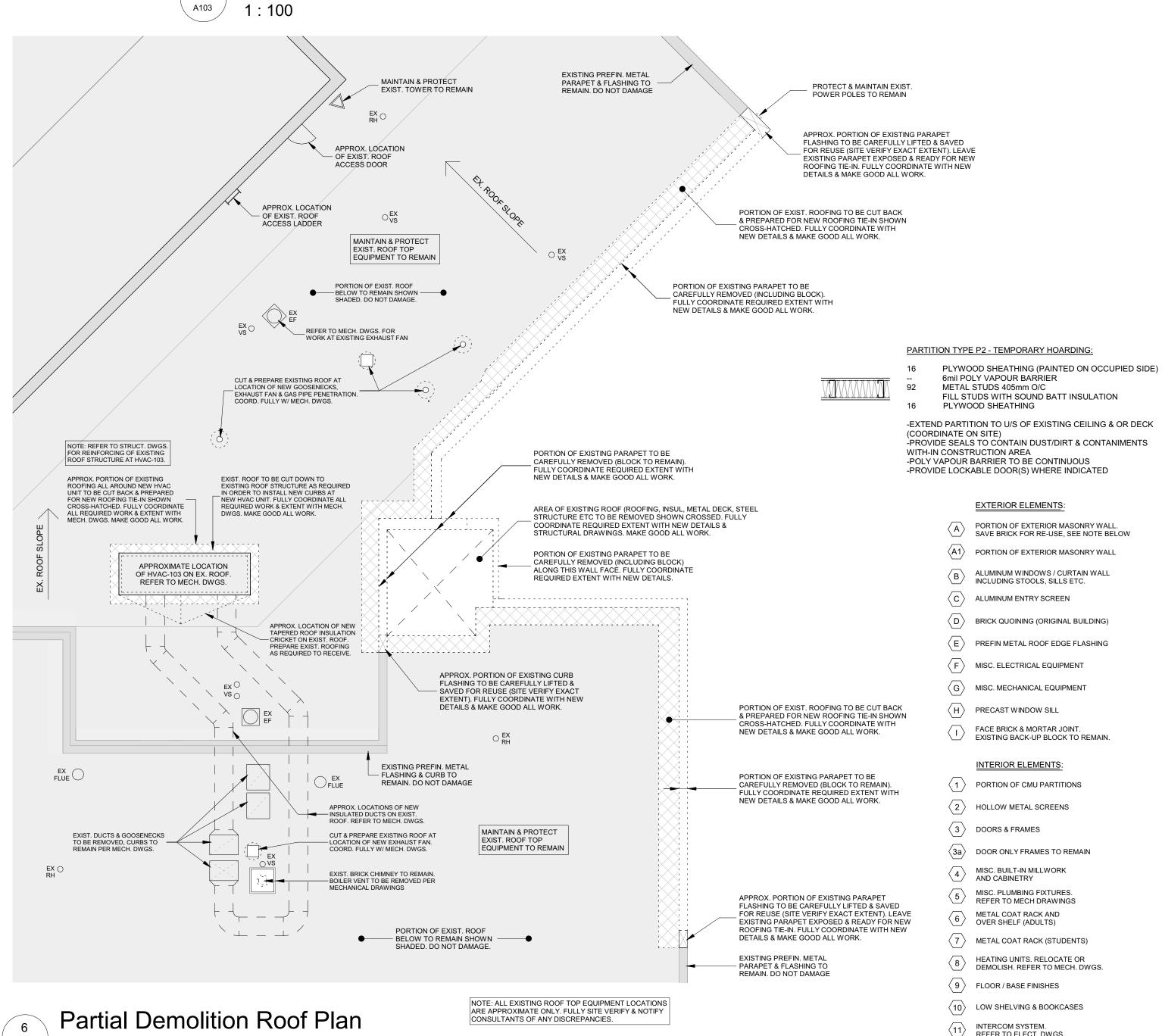
EXISTING SEPTIC BED

CONCRETE PAVING / SIDEWALK









- RUBBER FLOORING

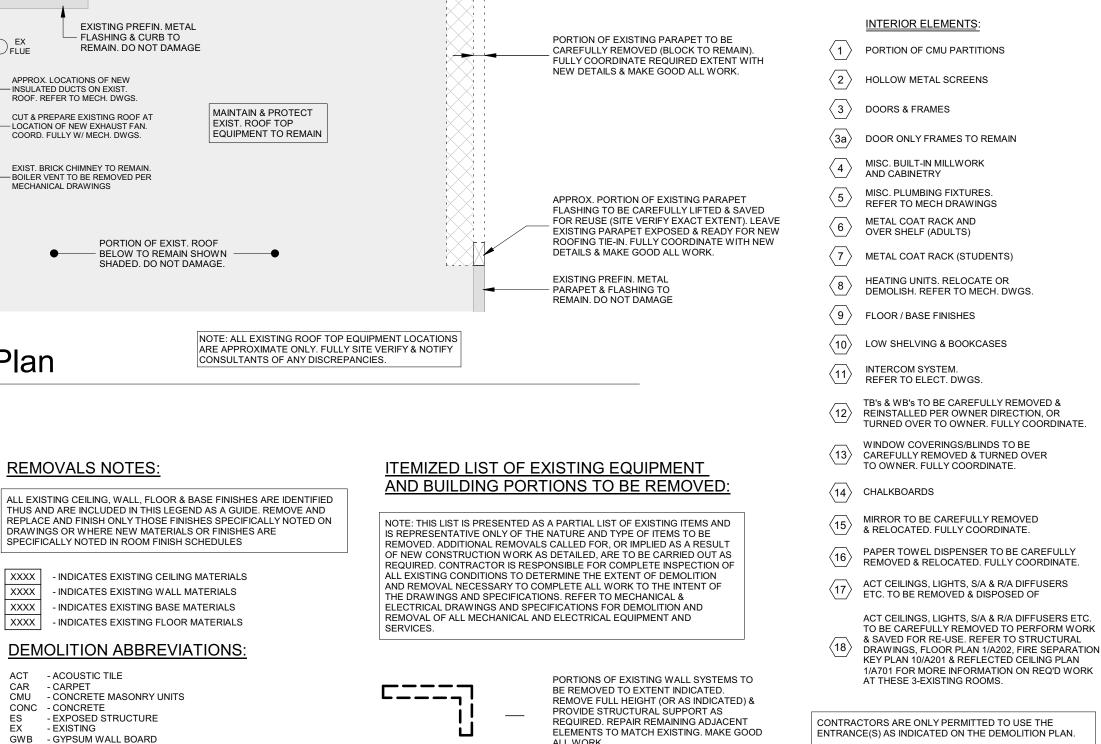
VCT - VINYL COMPOSITION TILE

TERR - TERRAZZO

- WOOD

- SPECIAL ACOUSTIC TILE - SPECIAL FLOORING

South East - Demolition



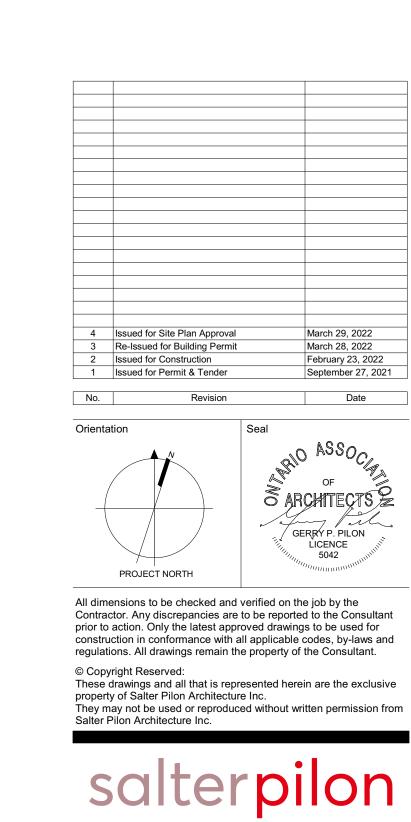
ALL WORK.

FOR LOCATIONS.

INDICATES EXISTING DOORS & FRAMES TO

EXISTING JAMBS TO REMAIN. SEE PLANS

BE REMOVED. REPAIR & MAKE GOOD



architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1

St. Joseph C.E.S.-

405 Douro 4th Line, Douro, ON

Addition and Alterations

t: 705.737.3530

EXTERIOR ELEMENTS:

Demolition Floor & Roof Plans Elevations & Removals Notes CONTRACTORS ARE NOT ALLOWED ACCESS TO ANY OTHER AREAS OF THE EXISTING BUILDING EXCEPT TO PERFORM ANY & ALL WORK AS PART OF THIS CONTRACT CONTRACTORS ARE NOT TO USE THE EXISTING BUILDING Feb. 23, 2022 WASHROOM FACILITIES. NOTE: THE DEMOLITION CONTRACTORS' ENGINEER SHALL REVIEW AND ADVISE ON ANY REQUIRED As indicated BRACING, SHORING, NEEDLING ETC.

salterpilon.com

Project Information

**PVNCCDSB** 

ALL DIMENSIONS ARE IN MILLIMETERS [mm] UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO THE COMMENCEMENT OF WORK.

THE SPECIFICATIONS, INSTALLATION, AND PERFORMANCE OF AIR BARRIER SYSTEMS AND VAPOUR BARRIERS MUST MEET OR EXCEED DIV. B PART 5 OF THE ONTARIO BUILDING CODE. **STEEL STUD FRAMING & PARTITIONING** 

CONTRACTOR TO ENSURE THAT STEEL STUD THICKNESS, SIZE, AND SPACING IS ADEQUATE FOR THE HEIGHTS OF PARTITIONS INDICATED. ADD BRACING AS REQUIRED.

PROVIDE FOR DEFLECTION ALLOWANCE [SLIP JOINT] AT TOP OF ALL WALLS ABUTTING ROOF STRUCTURE/DECK. **GYPSUM BOARD WALL & PARTITIONS** 

ALL GYPSUM BOARD & STEEL STUD WALLS & PARTITIONS ARE TO EXTEND TO THE U/S OF DECK UNLESS OTHERWISE

FOR PARTITIONS WITH ACOUSTIC BLANKET INSULATION, RECESSED OUTLETS ARE TO BE STAGGERED. APPLY CONTINUOUS ACOUSTIC SEALANT TO BOTH SIDES OF TRACK AT THE JUNCTIONS WITH FLOORS AND STRUCTURAL

SLABS, AND AROUND PENETRATIONS TO PARTITIONS. DO NOT SCREW METAL STUDS TO CURTAIN WALL MULLIONS OR TEE BAR GRIDS.

TYPICAL INTERIOR DOORS PROVIDE MIN. 50mm CLEARANCE FROM DOOR JAMB TO ADJOINING PERPENDICULAR

#### CONCRETE MASONRY UNITS (CMU) [INTERIOR]

THICKNESS OF STRUCTURAL CONCRETE MASONRY UNIT WALLS NOTED IN STRUCTURAL DRAWINGS. HEIGHT OF CONCRETE MASONRY UNIT WALLS TO BE TO UNDERSIDE OF FLOOR/ROOF DECK ABOVE UNLESS OTHERWISE NOTED. WHERE CMU PARTITION IS A STRUCTURAL BEARING WALL REFER ALSO TO THE STRUCTURAL DRAWINGS FOR

#### **CONCRETE MASONRY UNIT (CMU)**

WHERE CONCRETE UNIT MASONRY WALLS ABUT REINFORCED CONCRETE WALLS AND PIERS, RAKE BACK MORTAR JOINT WHERE THE TWO MATERIALS MEET AND PROVIDE CONTINUOUS SEALANT. FIRE RATED WALL & PARTITION ASSEMBLIES

F.R.R. REFERS TO WALLS, PARTITIONS, FLOORS, AND CEILINGS THAT HAVE A FIRE RESISTANCE RATING.

AT RECESSED PANEL INSTALLATIONS [E.G. ELECTRICAL PANELS] WITHIN RATED WALLS PROVIDE FOR CONTINUITY OF THE REQUIRED RATING BEHIND THE PANEL. REFER TO THE ONTARIO BUILDING CODE DIVISION B, SECTION 3.1.9.2 FOR REQUIREMENTS FOR COMBUSTIBILITY OF SERVICE PENETRATIONS AND SECTION 3.1.10.2 FOR RATING OF

#### **ACOUSTIC PARTITIONS**

WHERE ACOUSTIC BLANKET INSULATION IS SPECIFIED AS A COMPONENT PART OF A WALL OR PARTITION ASSEMBLY. PROVIDE A CONTINUOUS SEALANT TO BOTH SIDES OF STUDS AND TRACKS ALONG PARTITION PERIMETER. IN ACOUSTIC PARTITIONS, RECESSED OUTLETS ARE TO BE STAGGERED, AND CONTINUOUS FLEXIBLE SEALANT IS TO BE PROVIDED AT THE JUNCTIONS WITH FLOORS AND CEILINGS, AND STRUCTURAL MEMBERS. PROVIDE FLEXIBLE

#### **DUCT PENETRATIONS THROUGH BLOCK WALLS & FLOOR ASSEMBLIES**

WHERE DUCTS, PIPES, AND CONDUITS PENETRATE EXPOSED CONCRETE UNIT MASONRY WALLS, CUT BLOCKS TO SUIT REQUIRED OPENINGS TO MINIMIZE PATCHING.

#### **BLOCKING FOR MILLWORK & SPECIALITIES**

SEALANT AROUND PENETRATIONS IN THE PARTITION.

PROVIDE BLOCKING TO PARTITIONS AND WALLS FOR MILLWORK AND CASEWORK.

PROVIDE BLOCKING TO PARTITIONS AND WALLS FOR HANDRAILS, GRAB BARS, BULLETIN BOARDS, WHITEBOARDS, MIRRORS, AND OTHER WALL MOUNTED MESSAGE BOARDS. WASHROOM ACCESSORIES AND AS INDICATED ON DRAWINGS. MASONRY VENEER

ENSURE THAT A CONTINUOUS AVB MEMBRANE IS MAINTAINED WHEREVER BRICK TIES PENETRATE EXTERIOR SHEATHING OR CONCRETE MASONRY UNIT.

## VERIFY WITH STRUCTURAL ENGINEER IF SHEAR CONNECTORS ARE REQUIRED FOR BRICK/BLOCK TIES.

ROOF ASSEMBLIES UPSTANDS ON ROOF FOR MECHANICAL UNITS, PARAPETS, SKYLIGHTS TO COME COMPLETE WITH CANT STRIPS. CONTINUOUS VAPOUR RETARDER MEMBRANE COMPONENT OF ROOF ASSEMBLIES TO BE WRAPPED UP AT ALL

VAPOUR BARRIER & AVB MEMBRANES ON ALL VERTICAL SURFACES. PROVIDE 'PEEL & STICK' TYPE TRANSITION MEMBRANES IN ORDER TO ENSURE CONTINUITY OF AVB AND AIR BARRIER MEMBRANES. REFLECTED CEILING PLAN NOTES CONFIRM ALL MECHANICAL AND ELECTRICAL SERVICES AND FIXTURES WITH MECHANICAL AND ELECTRICAL

PARAPETS, CURBS, EXTERIOR WALL ASSEMBLIES BY A MIN, 200mm OR AS DETAILED ON DRAWINGS. TIE INTO

DRAWINGS AND SPECIFICATIONS. QUANTITIES AND TYPES OF FIXTURES SHALL BE AS PER MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS. EXACT LOCATION SHALL BE AS PER ARCHITECTURAL REFLECTED REFLECTED CEILING PLANS MAY NOT SHOW ALL MECHANICAL AND ELECTRICAL FIXTURES.

WHERE MECHANICAL AND ELECTRICAL FIXTURES PENETRATE AN ACOUSTIC PARTITION, PATCH AND PROVIDE AN AIR-TIGHT SEAL AROUND PENETRATION. AT FIRE SEPARATIONS USE FIRESTOP MATERIAL AT PENETRATIONS TO

MATCH THE FIRE RATING OF THE PARTITION, WALL, OR FLOOR ASSEMBLY. COORDINATE ALL SERVICES INSTALLED WITHIN THE CEILING SYSTEM. COORDINATE ALL PENETRATIONS AND

ACCESS PANELS WITH THE CEILING SUPPORT SYSTEM. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR FIRE EXIT SIGNAGE.

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL LOCATIONS AND SIZES OF ACCESS PANELS. LOCATE SPRINKLERS, DETECTORS, SPEAKERS, ETC. ON CENTER LINE OR MID-POINT OF ACT CEILING PANELS U.N.O. LOCATE LIGHT FIXTURES ON CENTER OF ACOUSTIC CEILING TILES U.N.O.

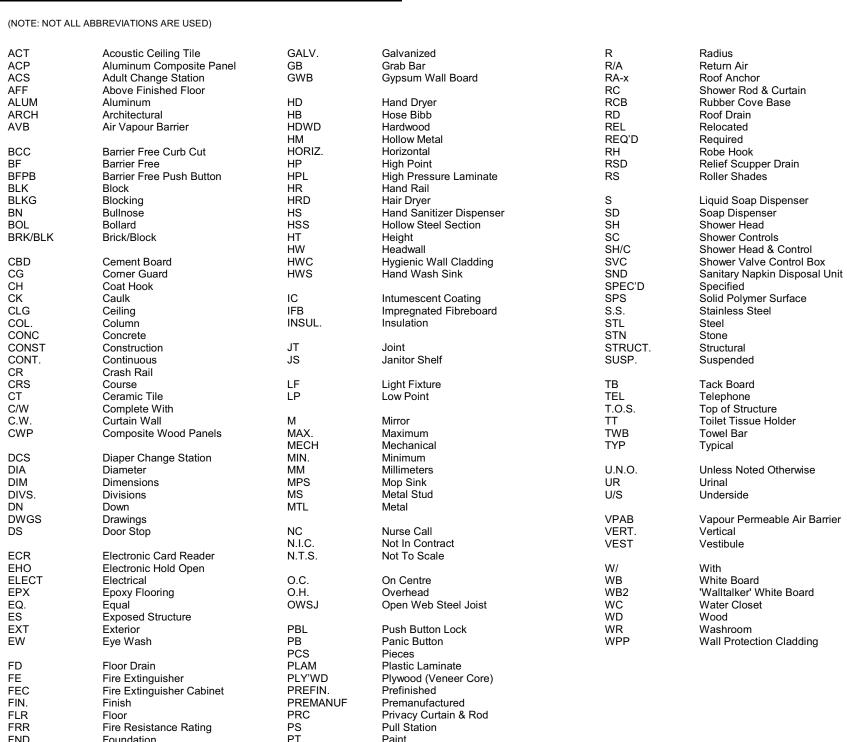
FIRE SEPARATIONS ARE TO EXTEND TO THE UNDERSIDE OF THE DECK AND STRUCTURE COMPLETE WITH FIRESTOP MATERIAL AND SMOKE SEAL AS REQUIRED. REFER TO FIRE SEPARATION LEGEND ON DRAWING A200.

## **FLOOR PLAN GENERAL NOTES:**

- DIMENSIONS SHOWN ARE TAKEN TO FACE OF CMU, POURED CONCRETE, OR METAL STUD UNLESS NOTED OTHERWISE. ALL GWB OR CMU PARTITIONS TO EXTEND TIGHT TO U/S OF FLOOR OR ROOF DECKS UNLESS NOTED OTHERWISE.
- REFER TO FIRE SEPARATION KEYPLANS FOR LOCATIONS OF ALL RATED WALLS.
- ALL INTERIOR ALUM SCREENS SHALL HAVE GWB AND METAL STUD ASSEMBLIES FROM TOP OF SCREEN/DOOR FRAME TO UNDERSIDE OF DECKS UNLESS A LINTEL HAS BEEN PROVIDED BY STRUCTURAL WITH BLOCK WALL ABOVE TO U/S DECKS. WHERE SCREENS OR DOORS OCCUR WITHIN WALLS CONSTRUCTED AS FIRE SEPARATIONS, THE WALL ABOVE SUCH SCREENS OR DOORS SHALL BE CONSTRUCTED TO PROVIDE THE REQUIRED FIRE RESISTANCE RATING INDICATED.
- WHERE FIRE RATED PARTITIONS ABUT NON-RATED PARTITIONS THE FIRE RATED ASSEMBLY SHALL BE CONTINUOUS AND UNINTERRUPTED BY THE ABUTTING WALLS TO MAINTAIN A CONTINUOUS FIRE SEPARATION.
- SEAL PERIMETER OF WALLS AND AROUND PENETRATIONS THROUGH WALLS WITH ACOUSTIC SEALANT WHERE SOUND ATTENUATION BATTS ARE CALLED FOR ON THE WALL TYPE
- SEAL PERIMETER OF FIRE RATED WALLS AND AROUND PENETRATIONS THROUGH FIRE RATED WALLS WITH APPROVED FIRESTOPPING MATERIALS.
- REFER TO STRUCTURAL DRAWINGS FOR LATERAL SUPPORT AT THE TOP OF CMU WALLS.
- ON ALL EXPOSED CORNERS OF EXPOSED MASONRY WALLS PROVIDE BULLNOSE BLOCK UNLESS NOTED OTHERWISE.
- REFER TO ELECTRICAL DWGS FOR LOCATIONS OF PANELS, DOOR CONTROLS, SECURITY DEVICES ETC NOT SHOWN ON ARCHITECTURAL DRAWINGS.

## **GENERAL ABBREVIATION LIST:**

Folding Seat



Paper Towel Dispenser

Preservative Pressure Treated

Paper Towel Dispenser & Waste Receptacle

NCHOR NEW BLOCK \_

10mm MORTAR JOINT -

**/** 4 \

A201 1:10

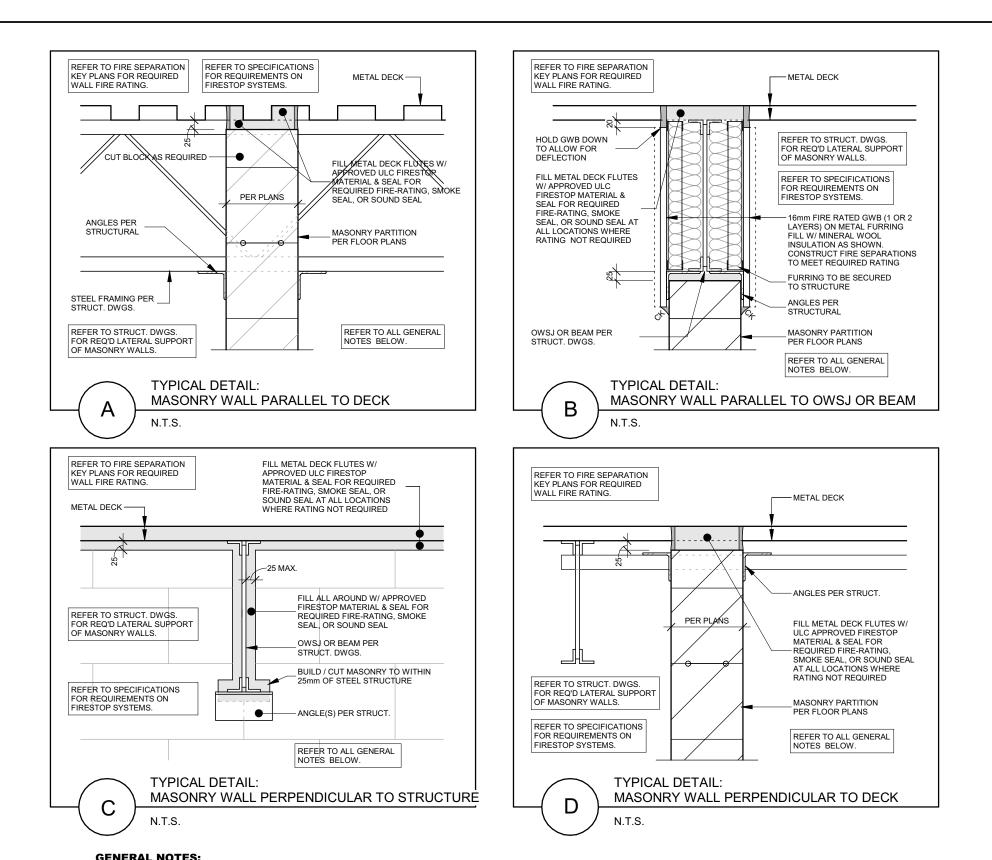
A402

DOTTED LINE OF EXIST.
—WINDOW, SILL & STOOL
TO BE REMOVED

NOTE: ALL NEW MASONRY IS TO MATCH EXIST. MASONRY COURSING & MORTAR JOINTS. TYPICAL THROUGH-OUT.

Corridor 156

Corridor 155



- THESE DETAILS SHALL APPLY TO ALL WALLS THAT FORM ANY PART OF A RATED AND NON-RATED FIRE SEPARATION, AND ALL WALLS THAT REQUIRE ACOUSTIC PERFORMANCE. THESE DETAILS SHALL ALSO APPLY TO ALL OTHER WALLS THAT DO NOT FORM A REQUIRED FIRE SEPARATION OR ACOUSTIC PARTITION. IN THE INSTANCE WHERE WALLS NOT REQUIRED TO HAVE FIRE RATINGS OR ACOUSTIC PERFORMANCES ARE EXPOSED TO VIEW (IE. NO CEILINGS) PROVIDE ACOUSTIC SEALANT IN LIEU OF FIRE STOPPING. IN THE INSTANCE WHERE WALLS NOT REQUIRED TO HAVE FIRE RATINGS OR ACOUSTIC PERFORMANCES ARE CONCEALED (IE. ABOVE SUSPENDED CEILINGS) ACOUSTIC SEALANT CAN BE OMITTED.

o - These above details shall also apply to conditions where the floor structure is constructed of precast and/or cast-IN-PLACE CONCRETE. THE ABOVE DETAILS AND CONDITIONS ARE SIMILARLY APPLICABLE TO SEVERAL CONSTRUCTION TYPES, AND WALLS SHALL BE CONSTRUCTED TO MAINTAIN THE SAME LEVEL OF FIRE PROTECTION OR ACOUSTIC PERFORMANCE VALUE AS DETAILED AND

OPENING. ENSURE STRUCT. BOND TO EXIST. MASONRY. TYP.

 $\prec$ P1angle

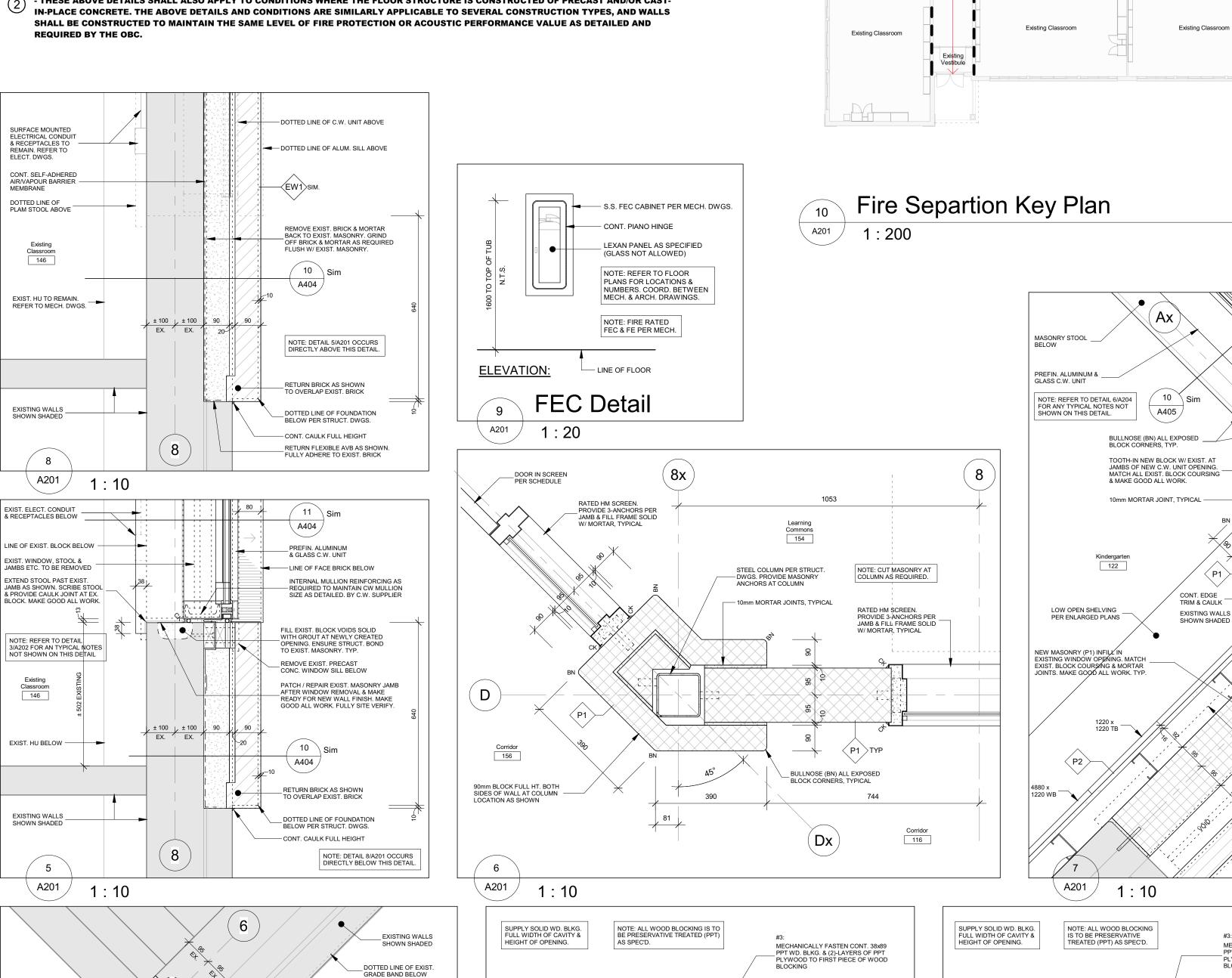
Learning Commons

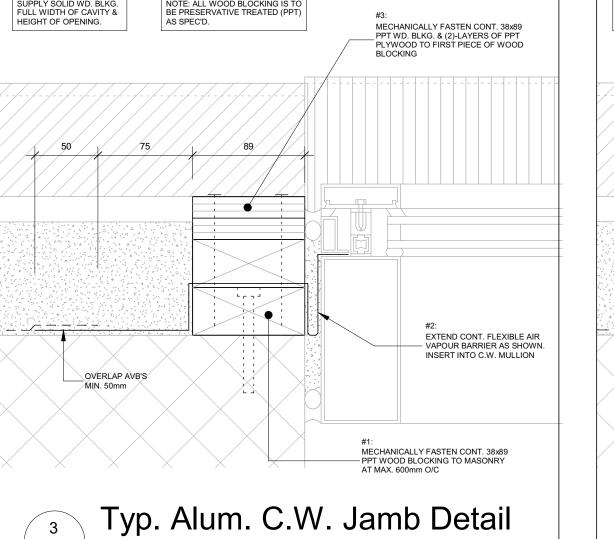
Learning Commons
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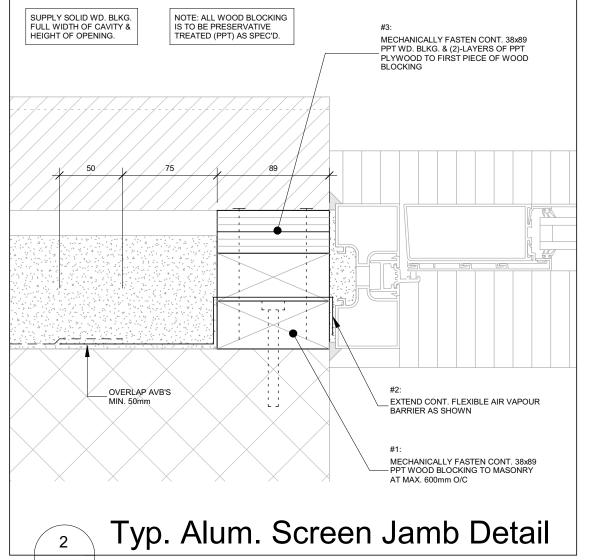
DOTTED LINE OF EXIST. BRICK,

— BLOCK, INSUL. & WD.BLKG. TO
BE CAREFULLY CUT & REMOVED

P1







ONT. EDGE

**EXISTING WALLS** 

Existing Coat Room

Purpose Storage

Stage / Lunch

Existing General Purpose Room

ANNUNCIATOR

Existing Principal

Existing General Office

Existing Classroom

Existing Kindergarten

Existing Classroom

50min. FRR. MEMBRANE: 2-LAYERS 13mm FR.GWB ON

RENOVATED EXISTING AREA

22mm METAL FURRING CHANNELS AT LI/S OF EXISTING OWS LEOR HATCHED

> 22mm METAL FURRING CHANNELS AT U/S OF NEW OWSJ & STEEL CHANNELS FOR HATCHED AREAS AS DETAILED. FOR

ENTIRE NEW ADDITION AREA.

FIRE SEPARATION LEGEND

→ → → → → 3/4 HR (FIRE SEPARATION)

2 HR (FIREWALL)

TOOTH-IN EXIST. BRICK SAVED FROM — DEMOLITION AT JAMBS OF NEW C.W. UNIT. MAKE GOOD ALL WORK.

\_ DOTTED LINE OF EXIST. GRADE BAND BELOW

**EXISTING WALLS** 

NTERNAL MULLION REINFORCING AS REQUIRED TO MAINTAIN CW MULLION

SIZE AS DETAILED. BY C.W. SUPPLIER

COUNTER BELOW

WINDOW, SILL & STOOL

TO BE REMOVED

INFILL EXIST. WINDOW OPENING WARIC

VED FROM DEMOLITION. MATCH AL

RACEWAY BELOW

BULLNOSE (BN) ALL

EXPOSED BLOCK CORNERS, TYP.

0 HR (SMOKE SEPARATION)

1 HR (FIRE SEPARATION)

BELOW PER MECH. DWGS.

CONT. FLEXIBLE AVB TO OVERLAP EXIS

TOOTH-IN NEW BRICK W/ EXISTIN

TRAVEL DISTANCE (m)

NOTE: DETAIL 4/A405 OCCURS DIRECTLY ABOVE THIS DETAIL

NOTE: REFER TO DETAIL 3/A20

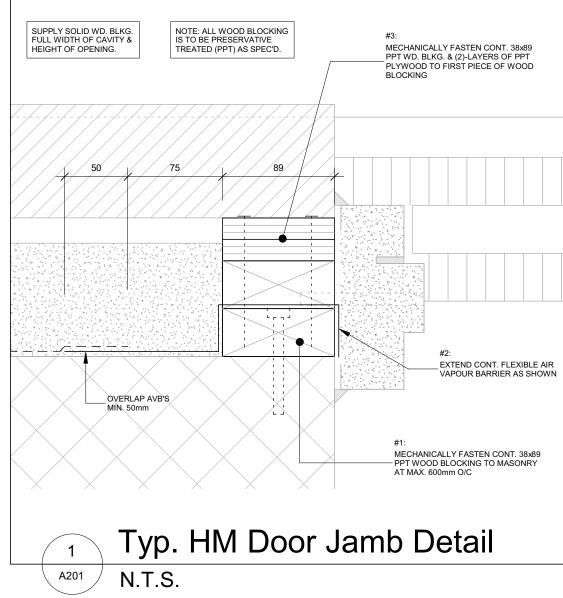
FOR ANY TYPICAL NOTES NOT SHOWN ON THIS DETAIL.

PROVIDE MINIMUM - 50mm OVERLAP IN AIR

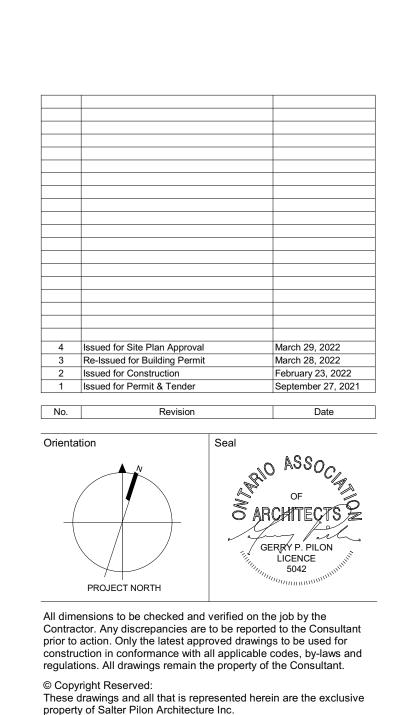
VAPOUR BARRIERS

OPENING VENT C/W INSE

AREAS AS DETAILED. FOR ENTIRE







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architecture

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Salter Pilon Architecture Inc.

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Project Information

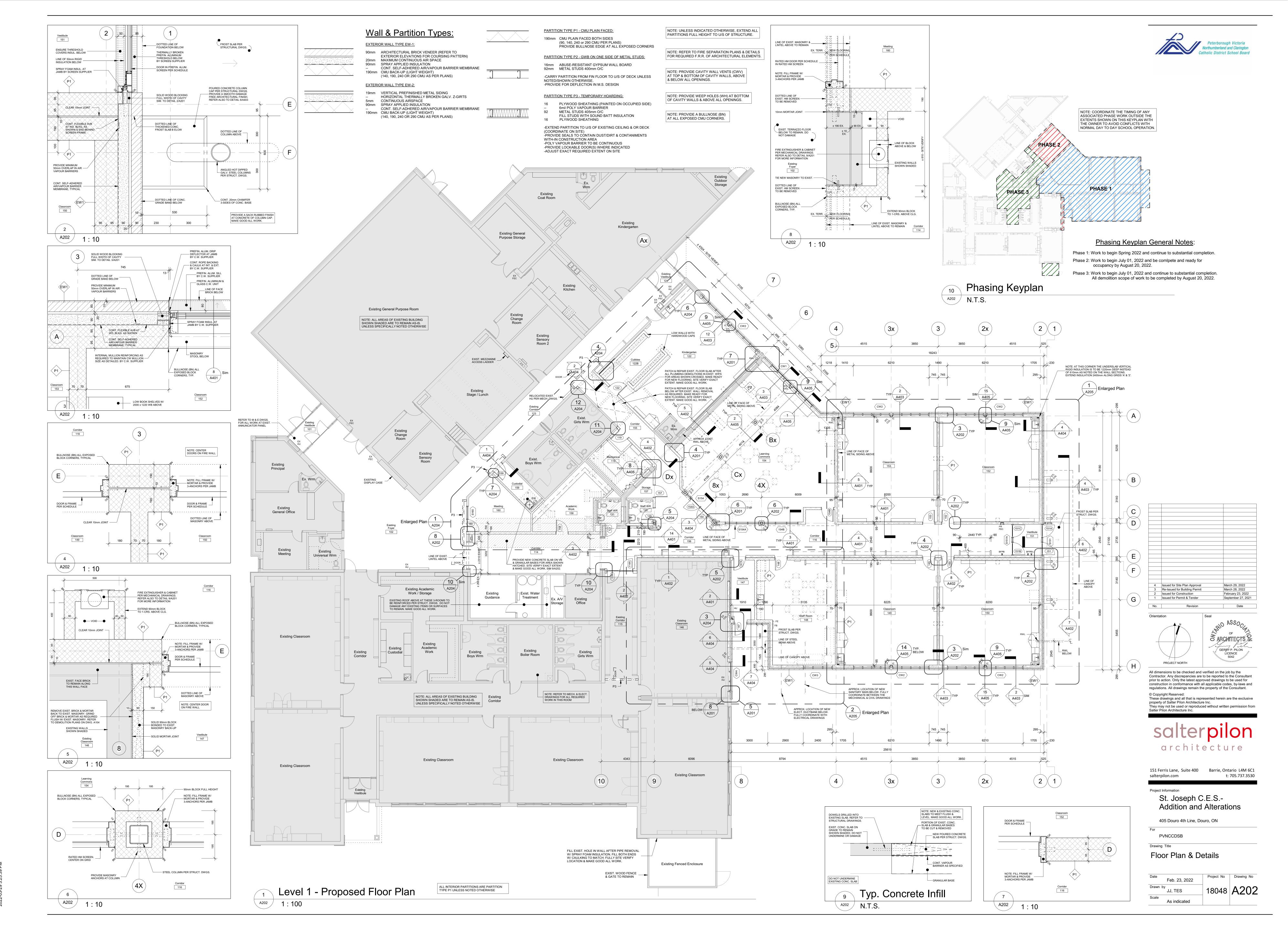
405 Douro 4th Line, Douro, ON **PVNCCDSB** 

St. Joseph C.E.S.-

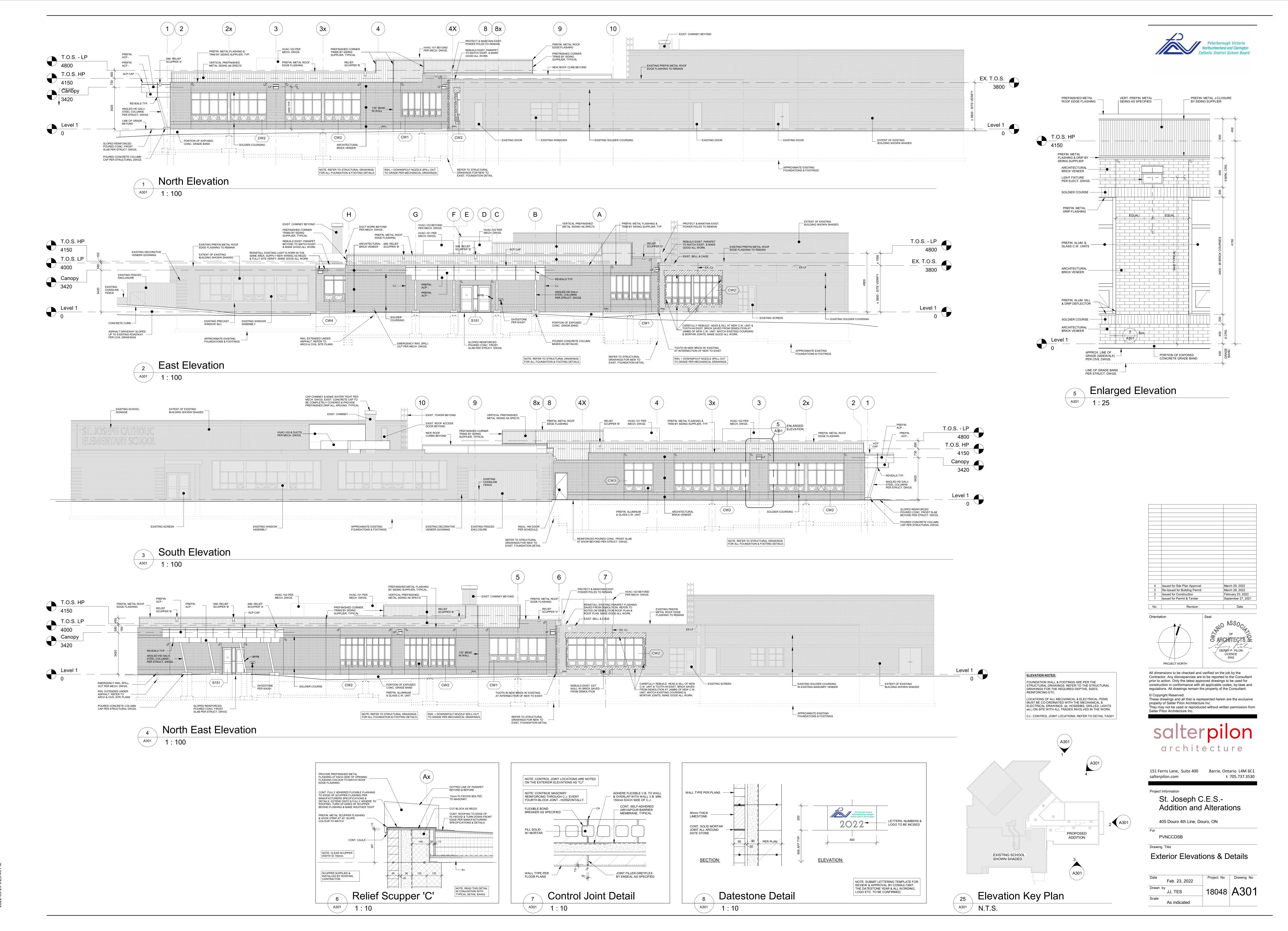
Addition and Alterations

Fire Separations, General Notes & Misc. Details

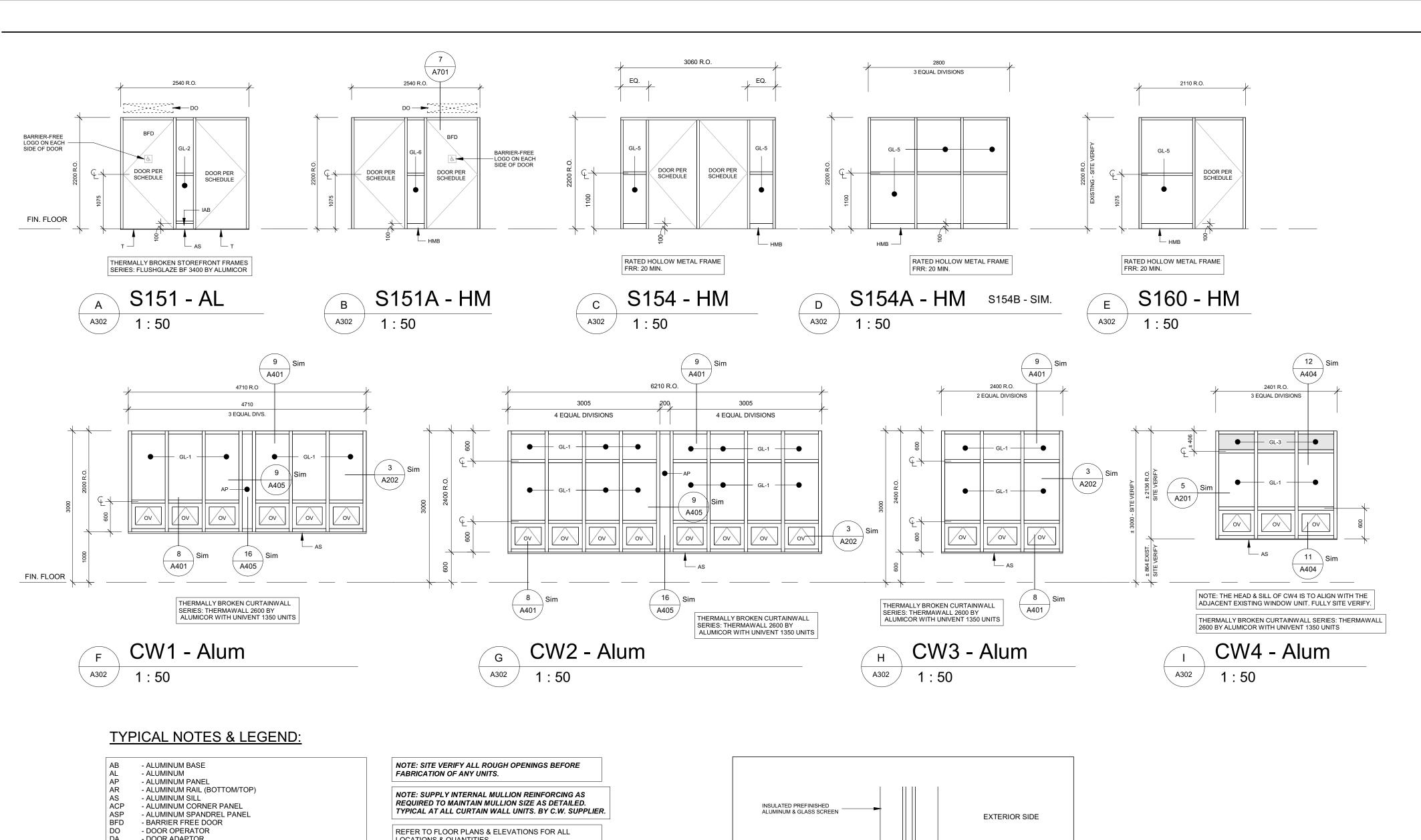
Feb. 23, 2022 Drawn by 18048 **A201** JJ, TES As indicated



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ALUMINUM & GLASS SCREEN

PREFIN ALUM BASE PANEL ON CLIP ANGLES. FILL VOID WITH MINERAL WOOL INSULATION

50x50 WOOD BLOCKING

50mm RIGID INSULATION

Typ. Insul. Alum. Base
1:5

EXTERIOR SIDE

INSULATED ALUMINUM SANDWICH PANEL

CONTINUOUS VERTICAL MULLIONS DOWN TO

EXTRUDED ALUMINUM SILL

160 Meeting

BY WINDOW SUPPLIER

FINISHED FLOOR

NOTE: SUPPLY INTERNAL MULLION REINFORCING AS

REQUIRED TO MAINTAIN MULLION SIZE AS DETAILED. TYPICAL AT ALL CURTAIN WALL UNITS. BY C.W. SUPPLIER.

NOTE: SECURELY FASTEN THE HEADS OF ALL SCREENS

REFER TO FLOOR PLANS & ELEVATIONS FOR ALL

NOTE: AT ALL IME LOCATIONS PROVIDE FOR ROOF

LOCATIONS & QUANTITIES.

TO THE STRUCTURE PROVIDED.

DEFLECTION IN CONNECTION DETAIL.

- ALUMINUM SPANDREL PANEL

- DOOR ADAPTOR - GLASS FILM - HOLLOW METAL

- HOLLOW METAL BASE

- MULLION EXTENSIONS

GL-1 (TYPICAL INSULATED EXTERIOR):

25mm OVERALL THICKNESS.

GL-2 (TYPICAL AT ENTRANCE DOORS, GYM)

GL-3: 6mm THICK SPANDREL GLASS WITH

GL-6: 6mm CLEAR TEMPERED/LAMINATED GLASS

GL-4: 6mm CLEAR TEMPERED GL-5: 5mm FIRE RATED GLASS

- OPERABLE VENT

- ROUGH OPENING

- INSULATED ALUMINUM BASE

- INSULATED ALUMINUM CORNER PANEL - INTERNAL MULLION EXTENSION

- STRUCTURAL SILICONE GLAZING MULLION - THERMALLY BROKEN THRESHOLD - VISUAL IMPEDIMENT STRIP

6mm CLEAR TEMPERED EXTERIÓR LITE, LOW-E COATING ON SURFACE #2, ARGON FILLED AIR SPACE,

6mm CLEAR TEMPERED INTERIOR LIGHT,

6mm CLEAR TEMPERED EXTERIOR LITE, LOW-E COATING ON SURFACE #2,

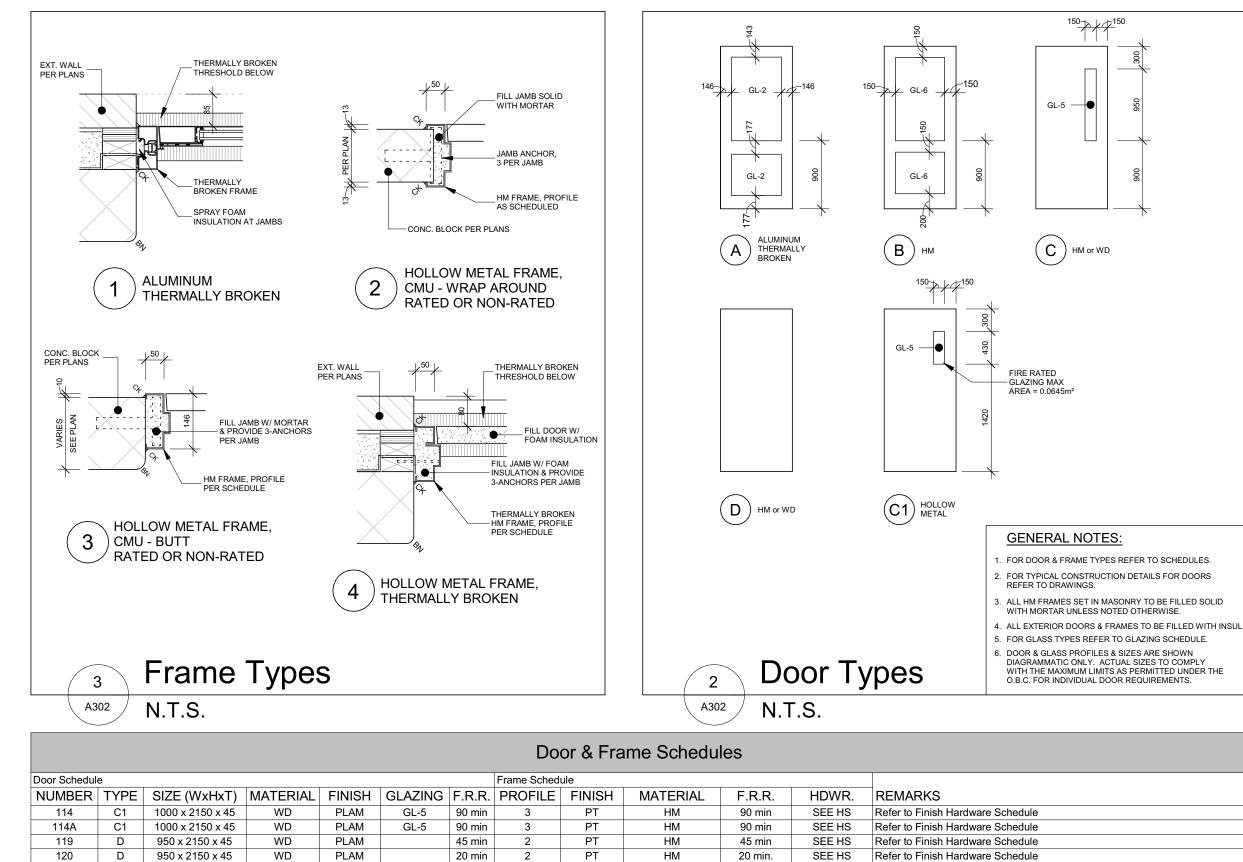
INTERIOR LITE, 25mm OVERALL THICKNESS.

GALVANIZED METAL BACK-PAN FILLED WITH

REFER TO SPECIFICATION SECTION 08 80 00 - GLAZING FOR GL TYPES.

ARGON FILLED AIR SPACE, 7mm LAMINATED SAFETY GLASS

SEMI-RIGID INSULATION PROVIDE PREFIN ALUM PANEL ON INTERIOR SIDE TO MATCH MULLION FRAMING



Refer to Finish Hardware Schedule, New Door in Existing Frame - Site Verify

Refer to Finish Hardware Schedule, TB Door & Frame, Screen S151

SEE HS Refer to Finish Hardware Schedule, TB Door & Frame, Screen S151

Refer to Finish Hardware Schedule, Screen S151A

Refer to Finish Hardware Schedule, Screen S151A

Refer to Finish Hardware Schedule

Refer to Finish Hardware Schedule

SEE HS Refer to Finish Hardware Schedule
SEE HS Refer to Finish Hardware Schedule, Screen S154

SEE HS Refer to Finish Hardware Schedule, Screen S154

45 min SEE HS Refer to Finish Hardware Schedule
20 min. SEE HS Refer to Finish Hardware Schedule
45 min SEE HS Refer to Finish Hardware Schedule

PT GL-5 20 min 3 PT HM 20 min. SEE HS Refer to Finish Hardware Schecule, Screen 160

Room Finish Schedule										sh Schedule							
		Floor		Ba	ase					alls				Ceiling	g		
						North	_	East \	-	South			st Wall				
No.	Name	Mat.	Fin.	Mat.	Fin.	Mat.	Fin.	Mat.	Fin.	Mat.	Fin.	Mat.	Fin.	Mat.	Fin.	Comments	
101	Existing Vestibule	EX	-	EX	-												
102	Existing Foyer	EX	-	EX	-	EX	PT-1	CMU/S156	PT-1/PT -2	EX/HM	PT-1/PT -2	EX/HM	PT-1/PT-	EX/GWB	-	ACCENT BULKHEAD TO BE PAINTED PT-	
114	Corridor	CT-1	-	RB-1	-	CMU/HM	PT-1/P T-2	CMU	PT-1	CMU/HM		СМИ	PT-1	ACT-1/GW	-/PT-3	HM FRAMES - PT-2	
115	Existing Corridor																
116	Corridor	CT-1	-	RB-1	-	CMU/HM	PT-1/P T-2	CMU/S156	PT-1/PT -2	CMU/HM	PT-1/PT -2	-	-	ACT-1	-	HM FRAMES - PT-2	
119	Mechanical	CONC/ CFAW	SEAL	RB-1	-	CMU/HM		CMU	PT-1	СМИ	PT-1	СМИ	PT-1	ACT-1	-	HM FRAMES - PT-2, CFAW ON EQUIPMEN	
120	Staff WR	CT-1	-	CTB-1	DM-1	CMU	EP-1	CMU	EP-1	CMU/HM	EP-1/P T-2	СМИ	EP-1	ACT-1	-	WASHROOM ACCESSORIES - FF	
121	Staff WR	CT-1	-	CT-1	DM-1	CMU	EP-1	CMU	EP-1	CMU/HM	EP-1/P T-2	CMU	EP-1	ACT-1	-	WASHROOM ACCESSORIES - FF	
122	Kindergarten	RSF-1	-	RB-1	-	CMU/CW	PT-1/F F	CMU	PT-1	СМU	PT-1	CMU	PT-1	ACT-1	-	MILLWORK - MEL-1, COUNTERTOP - PL-1 LOW WALL CAP - STN-1	
122B	Cubbies	RSF-1	-	RB-1	-	CMU/WD	PT-1/S TN-1	CMU/WD	PT-1/ST N-1	СМИ	PT-1	СМИ	PT-1	ACT-1	-	SUPPORT BRACKETS - PT-2, CUBBIES - STN-1, WD CAP-STN-1	
123	Existing Corridor	CT-1	-	RB-1	-	EX	EX	CMU	PT-1	-	-	EX	EX	ACT-1	-	REPAIR AND MAKE GOOD FINISHES TO MATCH	
124	Existing Vestibule	EX	-	EX	-												
146	Existing Classroom	VCT-1	WAX	RB-1	-	CMU	PT-1	CMU/CW3/ CW5	PT-1/FF	СМИ	PT-1	CMU/HM	PT-1/PT- 2	ACT-1/GW B	-/PT-3		
47	Vestibule	CT-1	-	RB-1	-	CMU/HM	PT-1/P T-2	СМИ	PT-1	CMU/HM	PT-1/PT -2	СМИ	PT-1	ACT-1	-		
148	Staff Room	LVT-1	-	RB-1	-	CMU/HM	PT-1/P T-2	CMU	PT-1	CMU/W1	PT-1/FF	CMU	PT-1	ACT-1/GW B	-/PT-3	MILLWORK - MEL-1, COUNTERTOP - PL-1	
149	Classroom	VCT-1	WAX	RB-1	-	CMU/HM	PT-1/P T-2	CMU	PT-1	CMU/C W2	PT-1/FF	CMU	PT-1	ACT-1/GW B	-/PT-3	MILLWORK - MEL-1, COUNTERTOP - PL-1	
150	Classroom	VCT-1	WAX	RB-1	-	CMU/HM	PT-1/P T-2	CMU	PT-1	CMU/C W2	PT-1/FF	CMU	PT-1	ACT-1/GW	-/PT-3	MILLWORK - MEL-1, COUNTERTOP - PL-1	
151	Vestibule	CT-1	-	RB-1	-	CMU	PT-1	CMU/CW1	PT-1/FF		PT-1	CMU/HM	PT-1/PT-	GWB	PT-3		
152	Classroom	VCT-1	WAX	RB-1	-	CMU/CW	PT-1/F	CMU	PT-1	CMU/HM	PT-1/PT -2	СМИ	PT-1	ACT-1/GW B	-/PT-3	MILLWORK - MEL-1, COUNTERTOP - PL-1	
153	Classroom	VCT-1	WAX	RB-1	-	CMU/CW	PT-1/F	CMU	PT-1	CMU/HM	PT-1/PT -2	СМИ	PT-1	ACT-1/GW	-/PT-3	MILLWORK - MEL-1, COUNTERTOP - PL-1	
154	Learning Commons	RSF -2	-	RB-1	-	CMU/CW	PT-1/F F	СМИ	PT-1	CMU/HM	PT-1/PT -2	СМИ	PT-1	ACT-1/GW B	-/PT-3		
155	Corridor	CT-1	-	CTB-1	DM-1	CMU/HM	PT-1/P T-2	-	-	CMU/HM	PT-1/PT -2	-	-	ACT-1	-	HM FRAMES - PT-2, CT-1 TO MEET FLUSH WITH EXISTING TERRAZZO	
156	Corridor																
57	Storage																
158	Academic Work	VCT-1	WAX	RB-1	-	CMU	PT-1	CMU	PT-1	CMU/HM	PT-1/PT -2	СМИ	PT-1	ACT-1	-	MILLWORK - MEL-1, COUNTERTOP - PL-1	
159	Custodial					CMU	EP-1							ACT-1	-	HM FRAMES - PT-2	
160	Mosting																

900 x 2150 x 45

950 x 2150 x 45 950 x 2150 x 45

950 x 2150 x 45

950 x 2150 x 45 950 x 2150 x 45

1000 x 2150 x 57 1000 x 2150 x 57

1000 x 2150 x 45 1000 x 2150 x 45

950 x 2150 x 45

950 x 2150 x 45

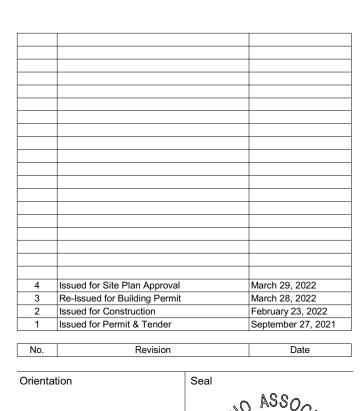
951 x 2150 x 45 951 x 2150 x 45

950 x 2150 x 45

D 950 x 2150 x 45

PLAM PLAM

20 min 45 min



All dimensions to be checked and verified on the job by the

Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant. © Copyright Reserved: These drawings and all that is represented herein are the exclusive property of Salter Pilon Architecture Inc. They may not be used or reproduced without written permission from Salter Pilon Architecture Inc.



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St. Joseph C.E.S.-Addition and Alterations

405 Douro 4th Line, Douro, ON

**PVNCCDSB** 

**Project Information** 

Curtainwall / Screen Elevations, Room & Door Schedules

Feb. 23, 2022 Drawn by JJ, TES, AS As indicated

18048 A302