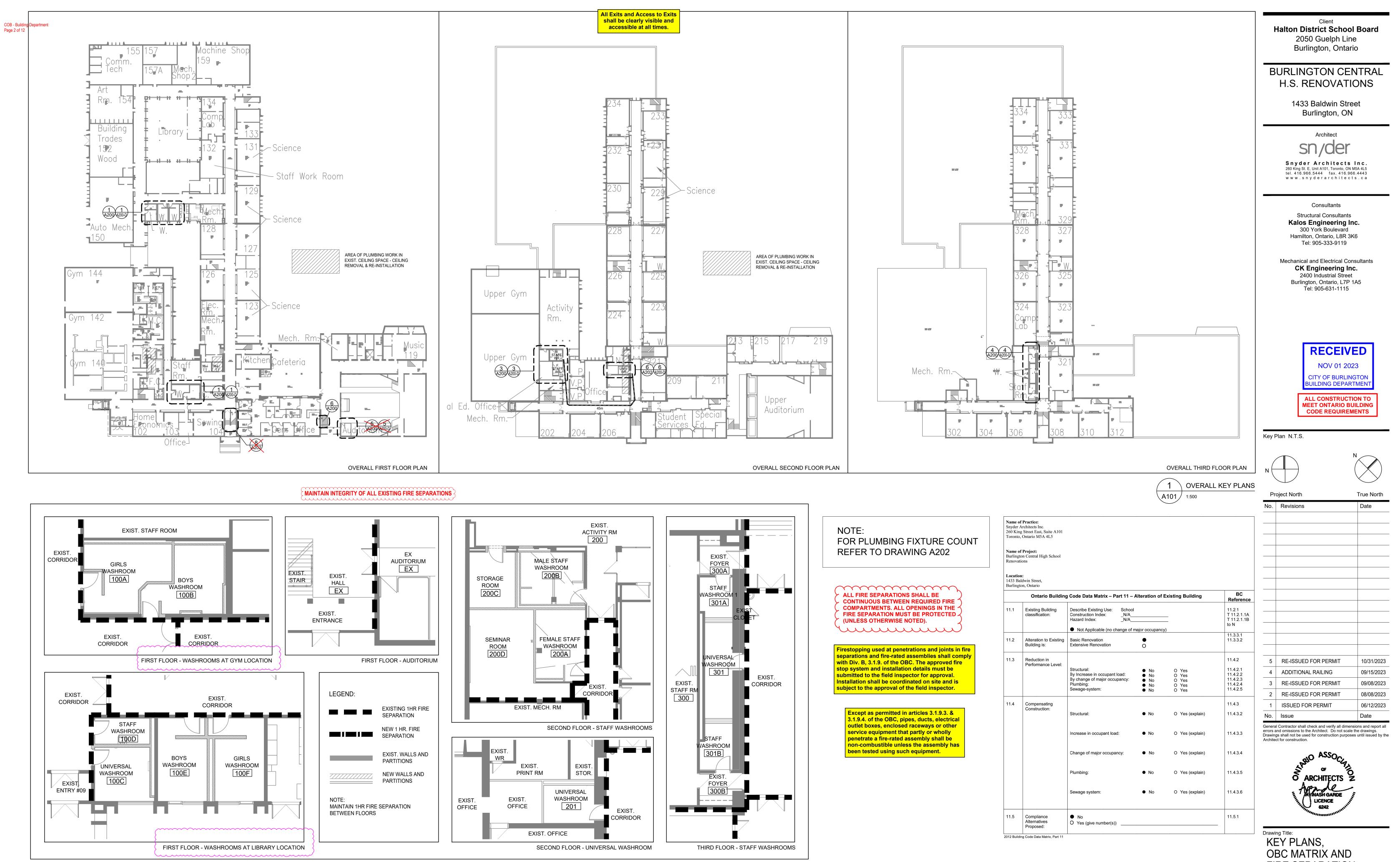
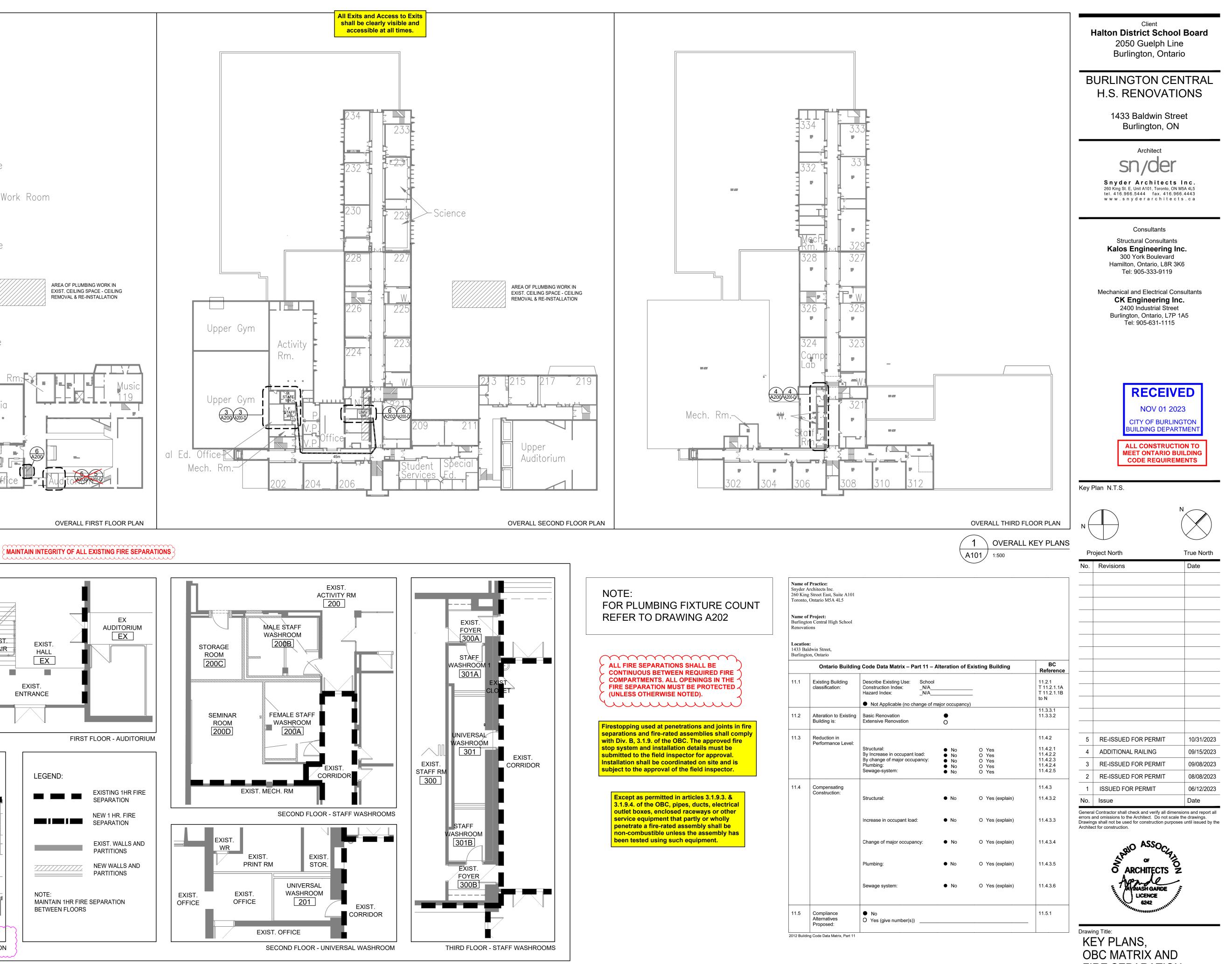
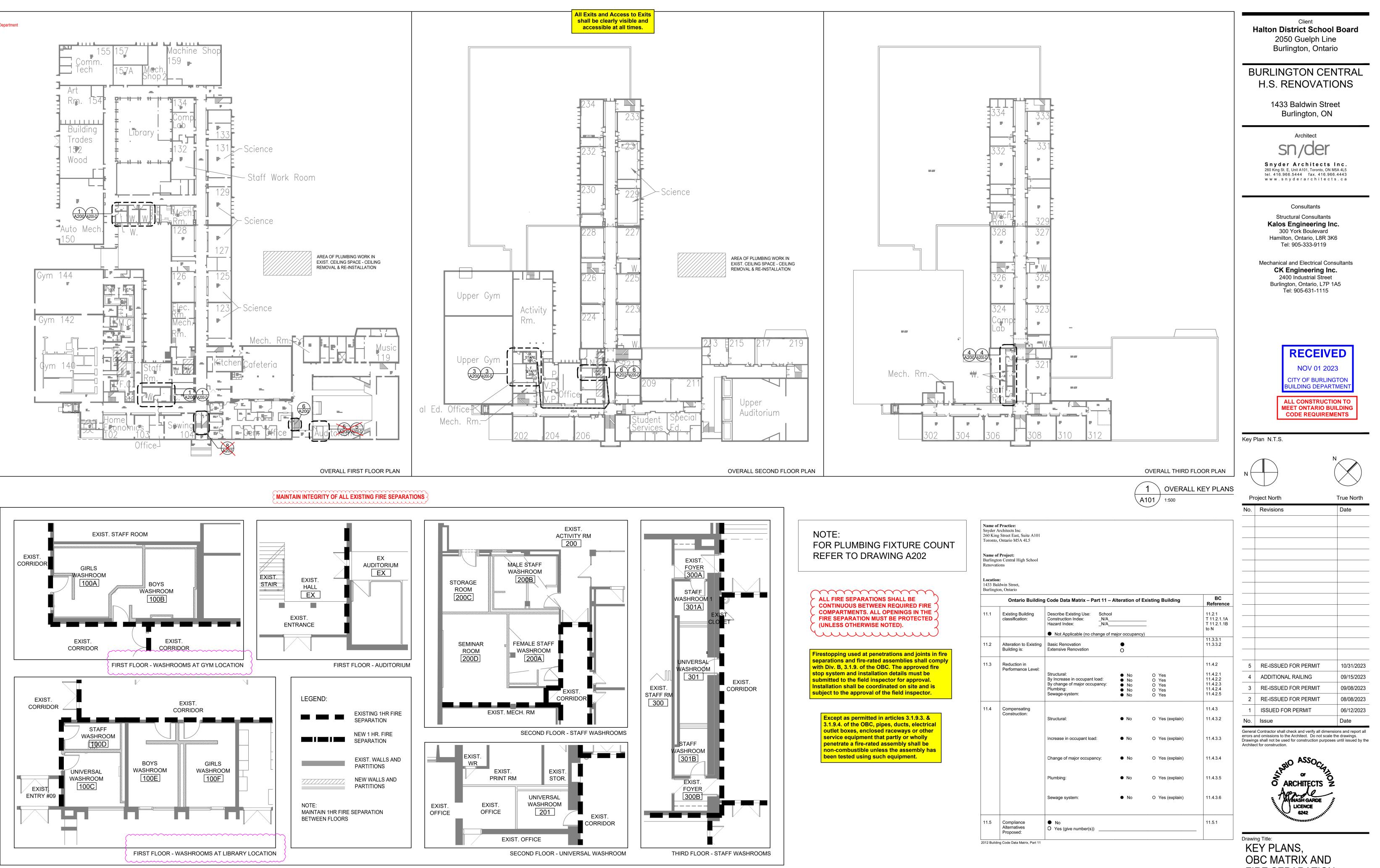


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Job No.		Drawing No	
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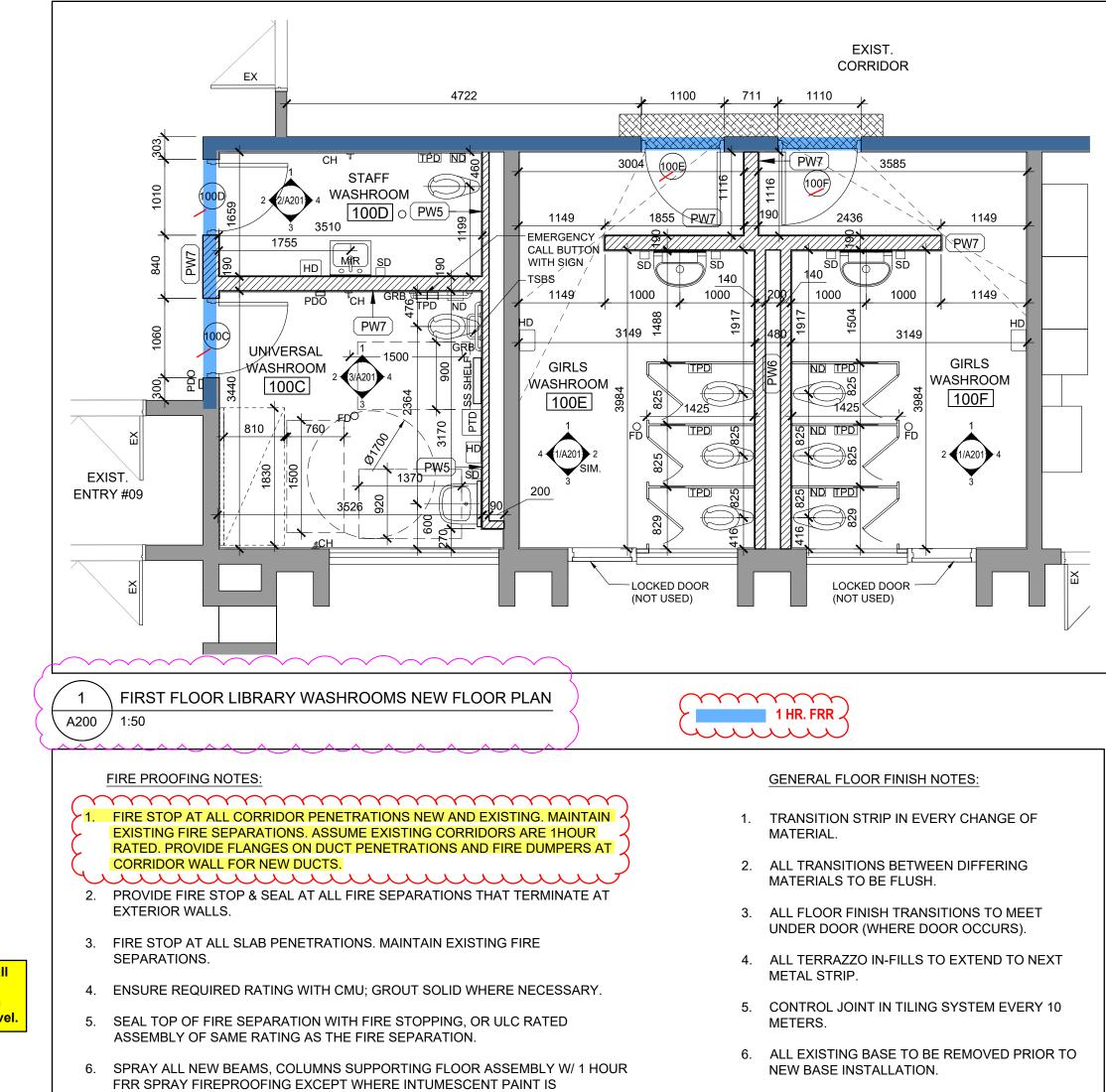






**RENOVATION AREAS - FIRE SEPARATION** 2 A101 1100

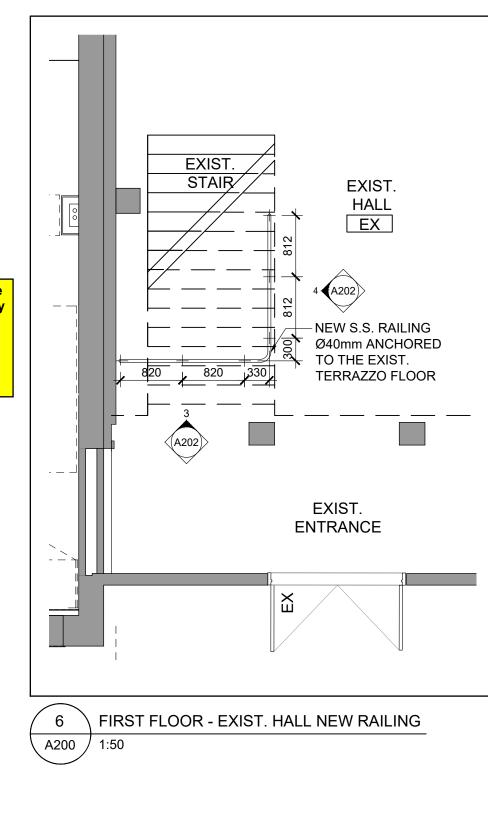
FIRE SEPARATION Scale: AS NOTED Date: 04 23 2023 Checked by: Drawn by: Job No. Drawing No. 2005 Iding Department Page 2 at 12



- $\sim$ ALL FIRE SEPARATIONS SHALL BE CONTINUOUS BETWEEN REQUIRED FIRE COMPARTMENTS. ALL OPENINGS IN THE FIRE SEPARATION MUST BE PROTECTED  $\checkmark$
- (UNLESS OTHERWISE NOTED).

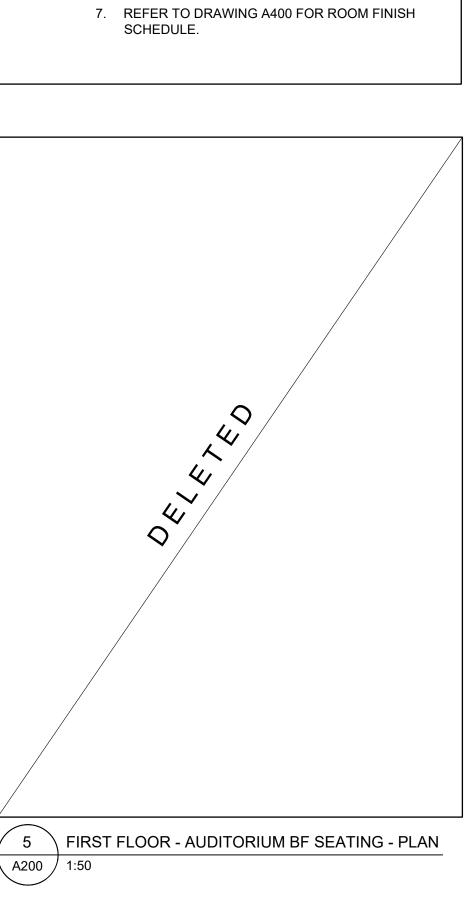
Firestopping used at penetrations and joints in fire separations and fire-rated assemblies shall comply with Div. B, 3.1.9. of the OBC. The approved fire stop system and installation details must be submitted to the field inspector for approval. Installation shall be coordinated on site and is subject to the approval of the field inspector.

Except as permitted in articles 3.1.9.3. & 3.1.9.4. of the OBC, pipes, ducts, electrical outlet boxes, enclosed raceways or other service equipment that partly or wholly penetrate a fire-rated assembly shall be non-combustible unless the assembly has been tested using such equipment.



SPECIFIED (ALL EXPOSED STRUCTURAL STEEL ELEMENTS).

7. PRIME AND PAINT ALL LINTELS.

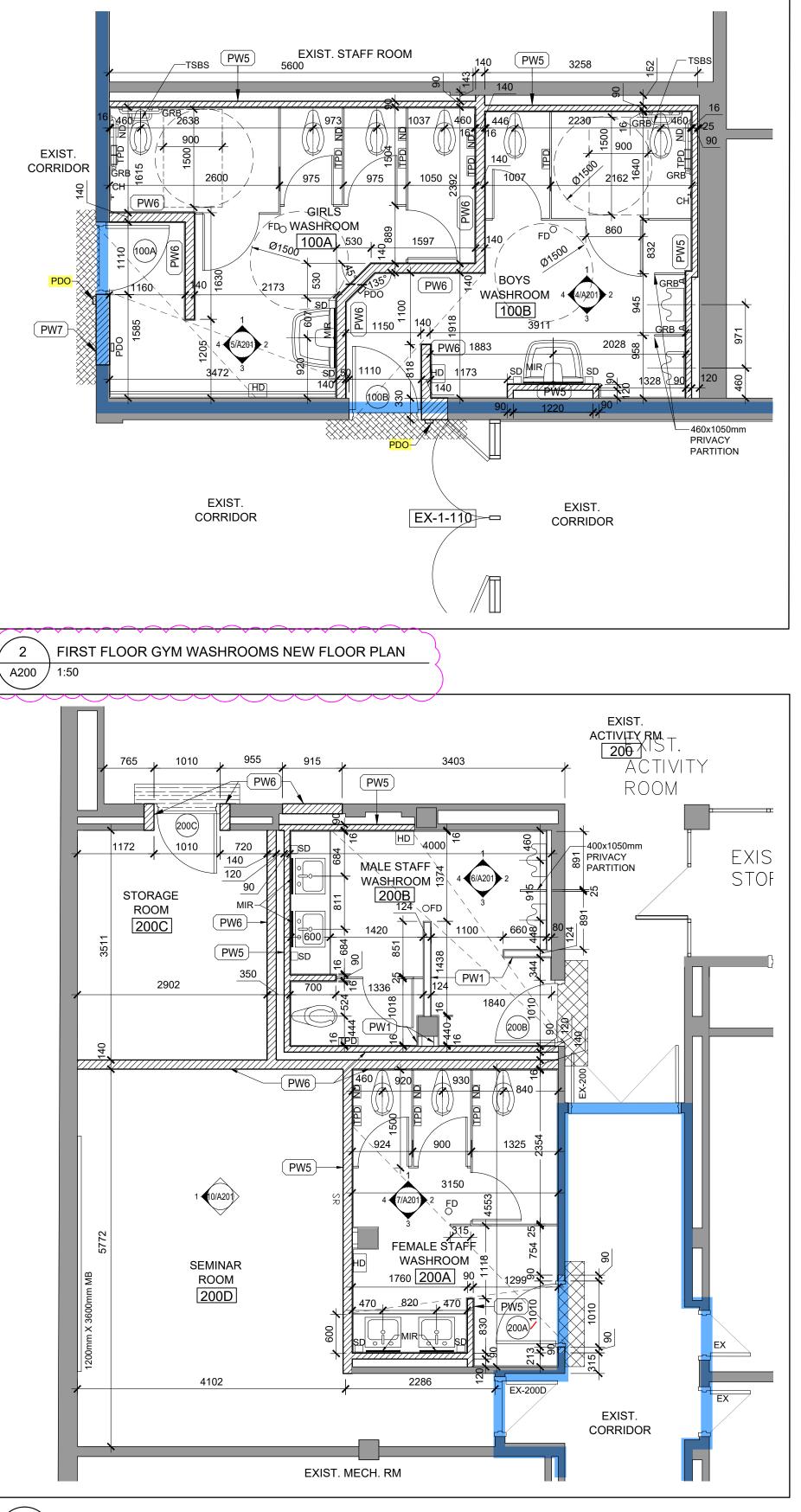


NOTE: ALL DIMENSIONS TO BE SITE VERIFIED

#### All Exits and Access to Exits shall be clearly visible and accessible at all times.

Barrier free doorways and doors shall comply to Div. B, 3.8.3.3. of the OBC and maintain an a minimum 1100mm nobstructed barrier free path of travel.

**UNIVERSAL WASHROOMS to** comply with Div. B, 3.8.3.12. Ontario Building Code 2012



SECOND FLOOR WASHROOMS NEW FLOOR PLAN ´3 A200 / 1:50

**NEW INTERIOR WALL AND PARTITION TYPES:** 

(PW1) 15.9mm GYPSUM BOARD (GB-AR) ON BOTH SIDES OF 92 METAL STUDS 400mm O.C. FILLED WITH 89mm THICK MINERAL BATT INSULATION

→ 15.9mm GYPSUM BOARD (GB-AR) ON 92mm METAL

STUDS 400mm O.C.

(PW4) 90mm FILL-IN BRICK WALL

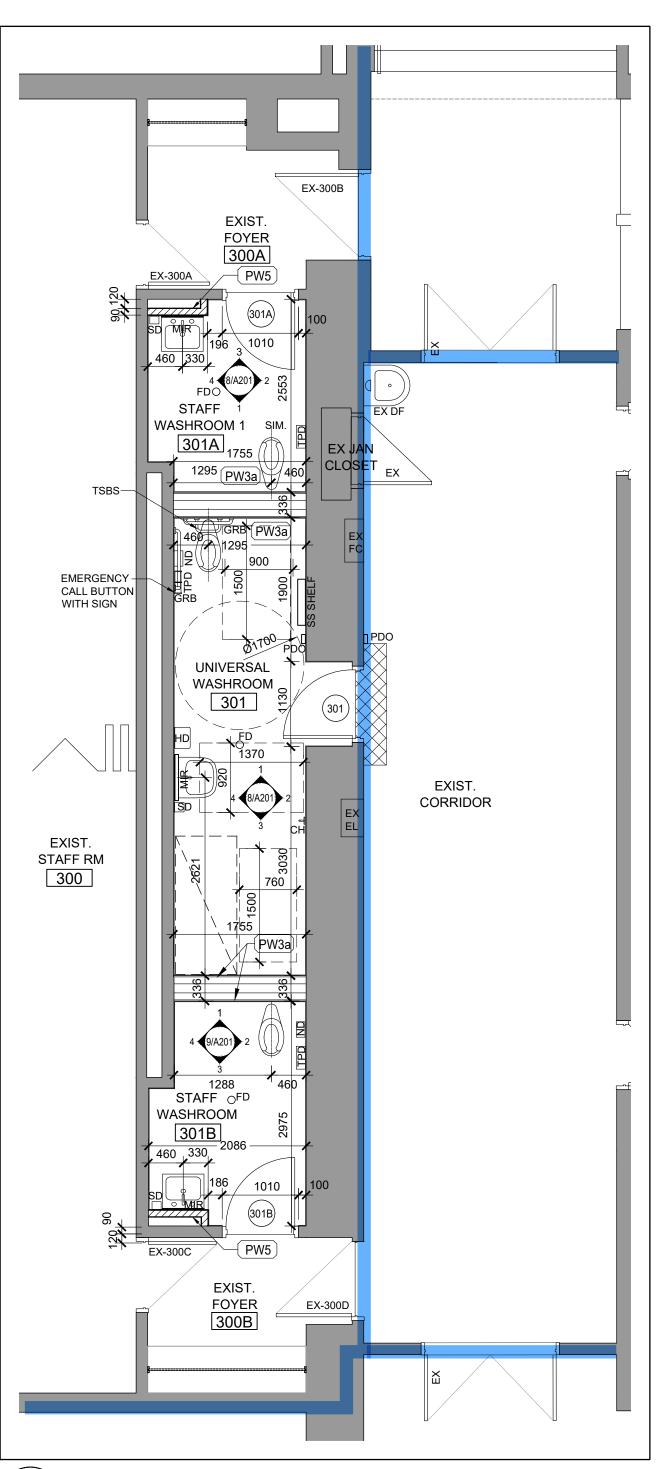
PW5 90mm CONCRETE MASONRY UNIT WALL

PW6 140mm CONCRETE MASONRY UNIT WALL

PW7 190mm CONCRETE MASONRY UNIT WALL

PW8 290mm CONCRETE MASONRY UNIT WALL

- PW1R 1 LAYER OF15.9mm SHEETROCK <sup>></sup> FIRECODE CORE GYPSUM PANELS ON BOTH SIDES OF 92mm STEEL STUDS 610mm O.C. - ALL THE WAY UP TO THE STRUCTURE, ALL JOINTS FINISHED -ULC Des W453
- PW2 15.9mm GYPSUM BOARD (GB-AR) ON 22mm METAL FURRING 400mm O.C.
- 15.9mm GYPSUM BOARD (GB-AR) ON PW3 64mm METAL STUDS 400mm O.C.



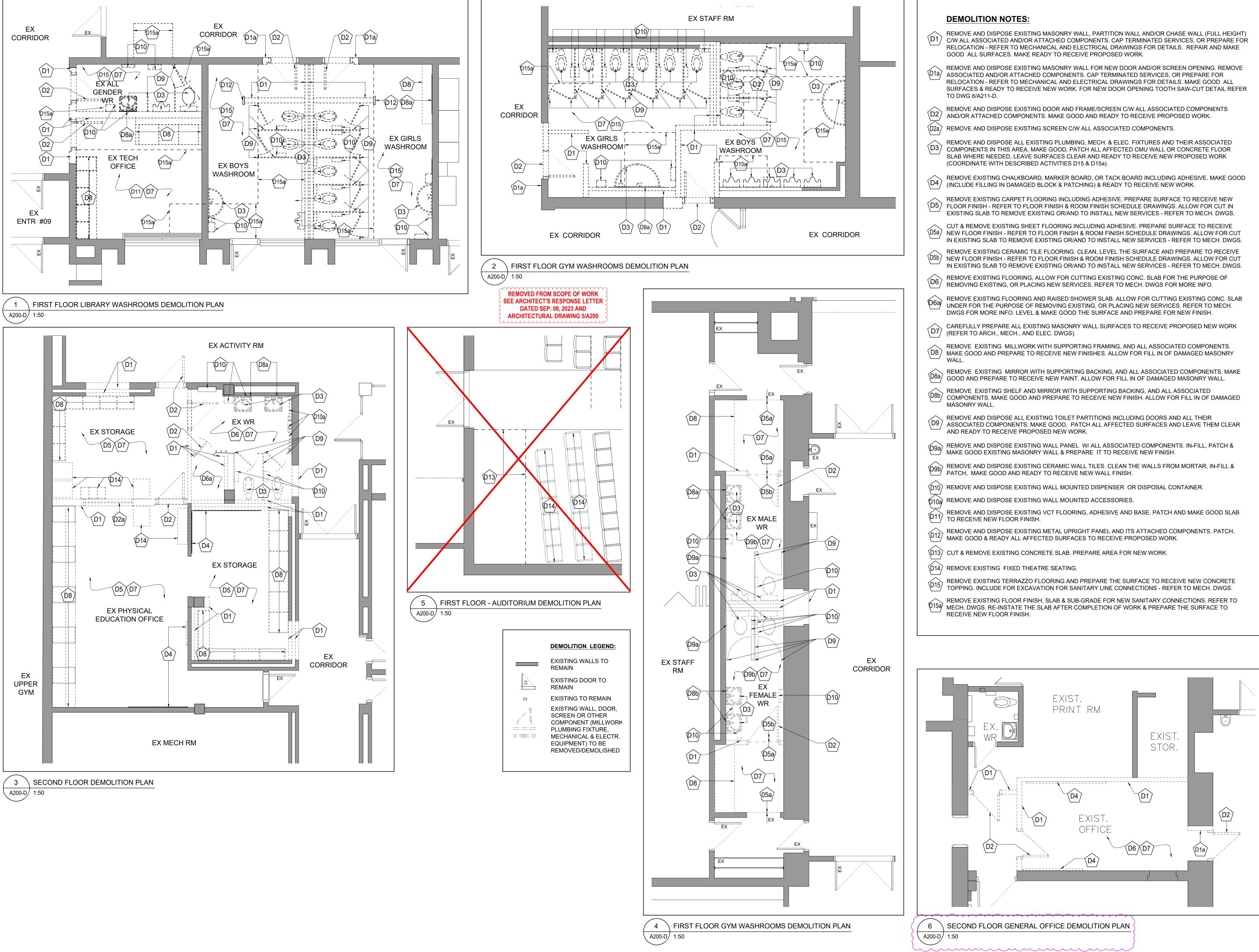
THIRD FLOOR WASHROOMS NEW FLOOR PLAN 4 \ A200 / 1:50

<u>LEGEN</u>	D	ABBF	REVIATIONS:
	EXISTING WALLS TO REMAIN	EX	EXISTING
7777777		MB	MARKER BOARD
	NEW MASONRY WALL	S.S.	STAINLESS STEEL
	NEW STUD PARTITION	HD	HAND DRYER
	AREA OF TERRAZZO FLOOR	PTD	PAPER TOWEL DISPENSER
	FILL-IN & REPAIR	GRB	GRAB BAR
	AREA OF VCT FLOOR BASE IN-FILL & REPAIR	TPD	TOILET PAPER DISPENSER
E=====	AREA OF CARPET FLOOR	SD	SOAP DISPENSER
	REPAIR	ND	NAPKIN DISPOSAL
		TSBS	TOILET SEAT BACK SUPPORT
<u> </u>	EXISTING DOOR TO REMAIN	TERR	TERRAZZO
		PFT	PORCELAIN FLOOR TILES
(123)	NEW DOOR AND FRAME - REFER TO THE DOOR SCHEDULE	FD	FLOOR DRAIN
		HM	HOLLOW METAL
□pd0	NEW POWER DOOR OPERATOR - REFER TO EL. DWGS	PFT	PORCELAIN FLOOR TILE
FD		CWT	CERAMIC WALL TILE
$^{FD}$	EXIST. FLOOR DRAIN TO REMAIN	Ρ	PAINT
FD	NEW FLOOR DRAIN - REFER TO MECH. DWGS		

ŀ	<b>Halton District School</b> 2050 Guelph Line Burlington, Ontarie	9
В	URLINGTON CEN H.S. RENOVATIO	
	1433 Baldwin Stree Burlington, ON	et
	Architect Sn/der Snyder Architects 260 King St. E, Unit A101, Toronto, ON M tel. 416.966.5444 fax. 416.966 www.snyderarchitect	5A 4L5 .4443
	Consultants Structural Consultants <b>Kalos Engineering In</b> 300 York Boulevard Hamilton, Ontario, L8R 3K Tel: 905-333-9119	
	Mechanical and Electrical Cons <b>CK Engineering Inc</b> 2400 Industrial Street Burlington, Ontario, L7P 1. Tel: 905-631-1115	
	RECEN NOV 01 2 CITY OF BURL BUILDING DEPA ALL CONSTRUC MEET ONTARIO CODE REQUIR	2023 INGTON ARTMENT
кеу г	Plan N.T.S.	
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Client

LAYOU	TS		
Scale:	AS NOTED	Date:	19-04-2023
Drawn by:		Checked by:	
Job No.		Drawing No.	
20	05	COB - Building De Pag	200



Client Halton District School Board 2050 Guelph Line Burlington, Ontario

## **BURLINGTON CENTRAL** H.S. RENOVATIONS

1433 Baldwin Street Burlington, ON

Architect sn/der

Snyder Architects Inc. 260 King St. E, Unit A101, Toronto, ON M5A 4L5 tel. 416.966.5444 fax. 416.966.4443 www.snyderarchitects.ca

#### Consultants

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Mechanical and Electrical Consultants CK Engineering Inc. 2400 Industrial Street Burlington, Ontario, L7P 1A5 Tel: 905-631-1115



Key Plan N.T.S.



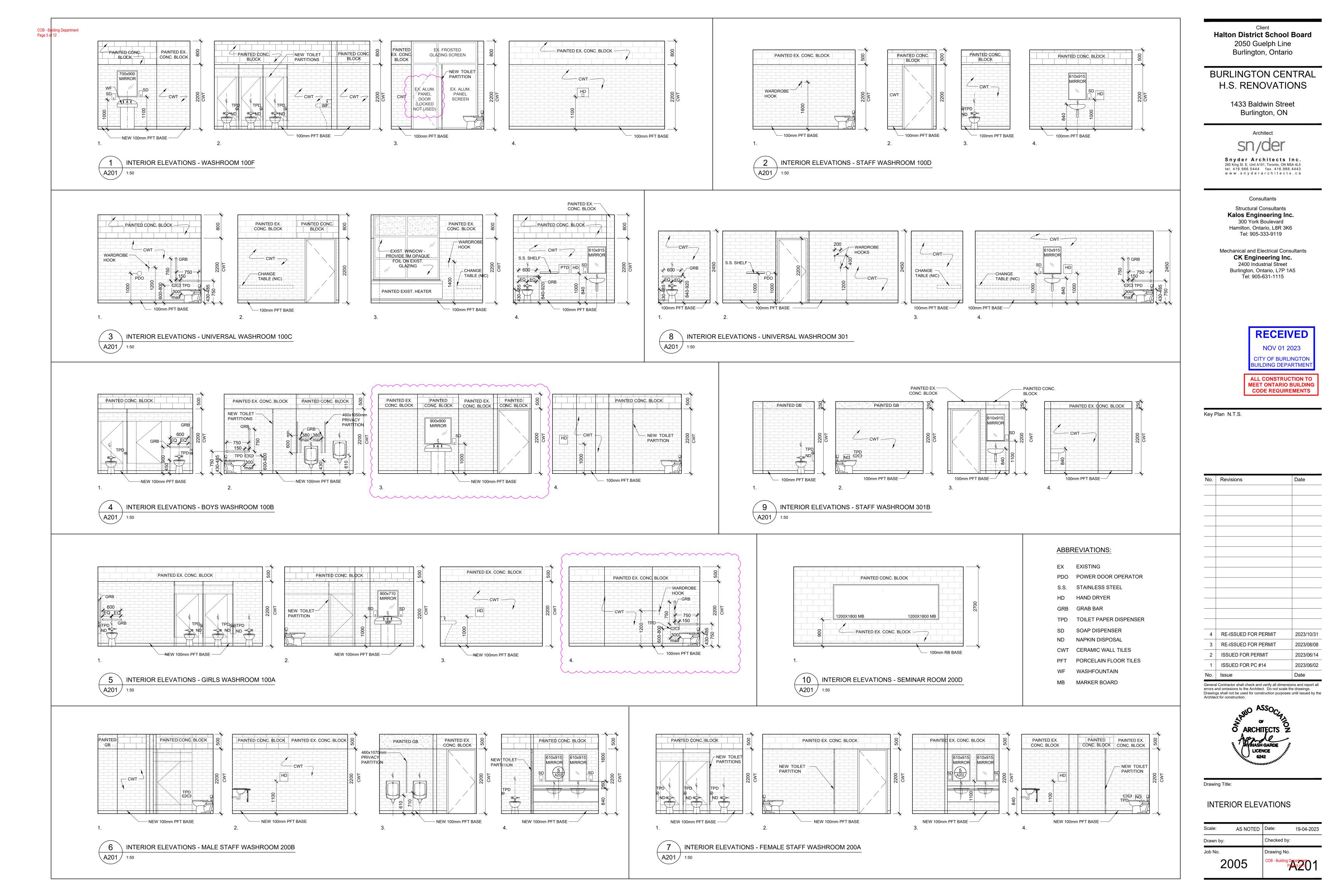
Pr	Project North			
No.	Revisions	Date		
3	RE-ISSUED FOR PERMIT	2023/08/08		
2	ISSUED FOR PERMIT	2023/06/14		
1	ISSUED FOR PC #14	2023/06/02		
No.	Issue	Date		

errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

FLOOR	- DEMO	LITION P	LANS
Scale:	AS NOTED	Date:	19-04-2023
Drawn by:		Checked by:	
Job No. <b>20</b>	)05	Drawing No. COB - Building De	

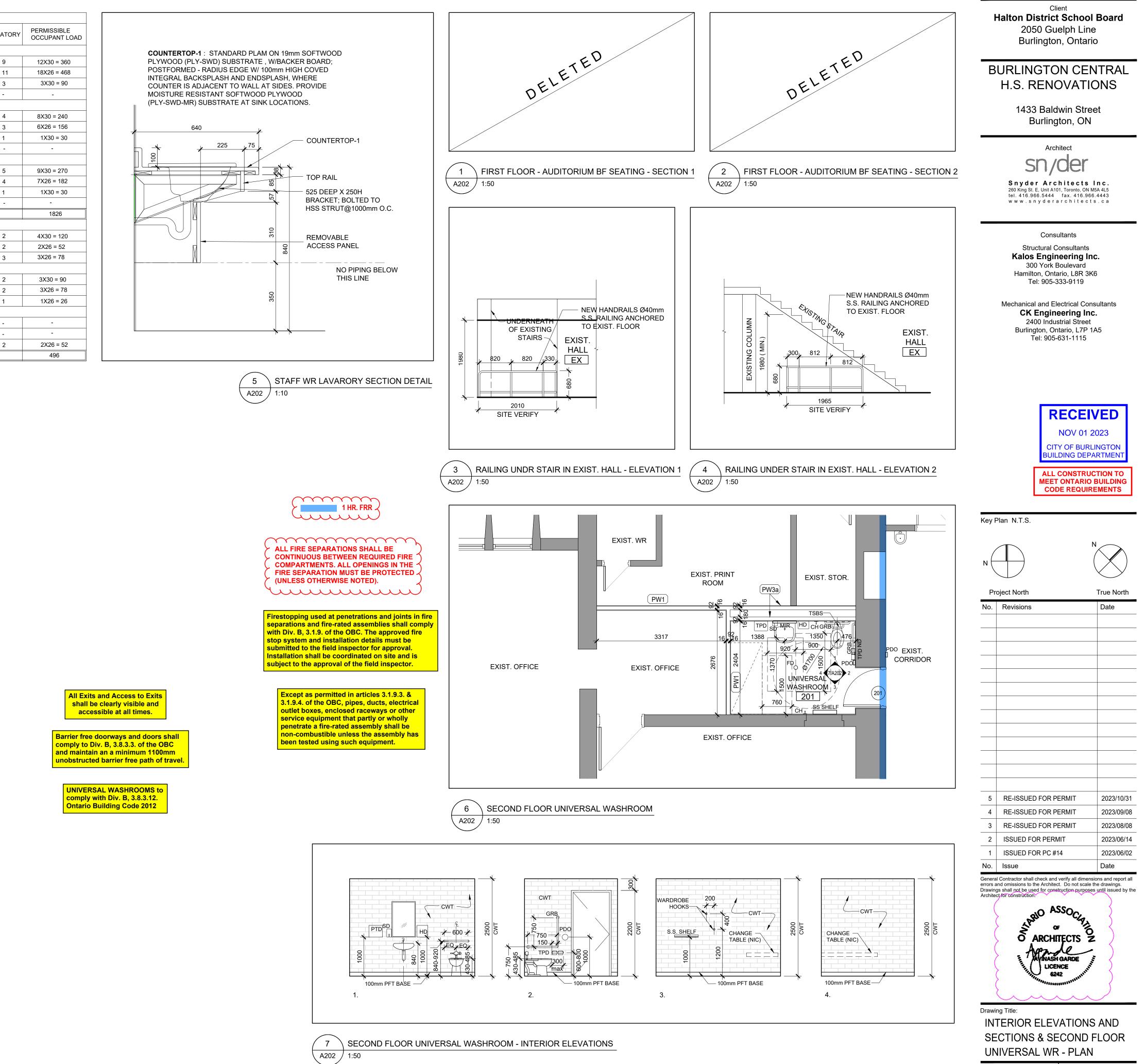
FIRST, SECOND & THIRD

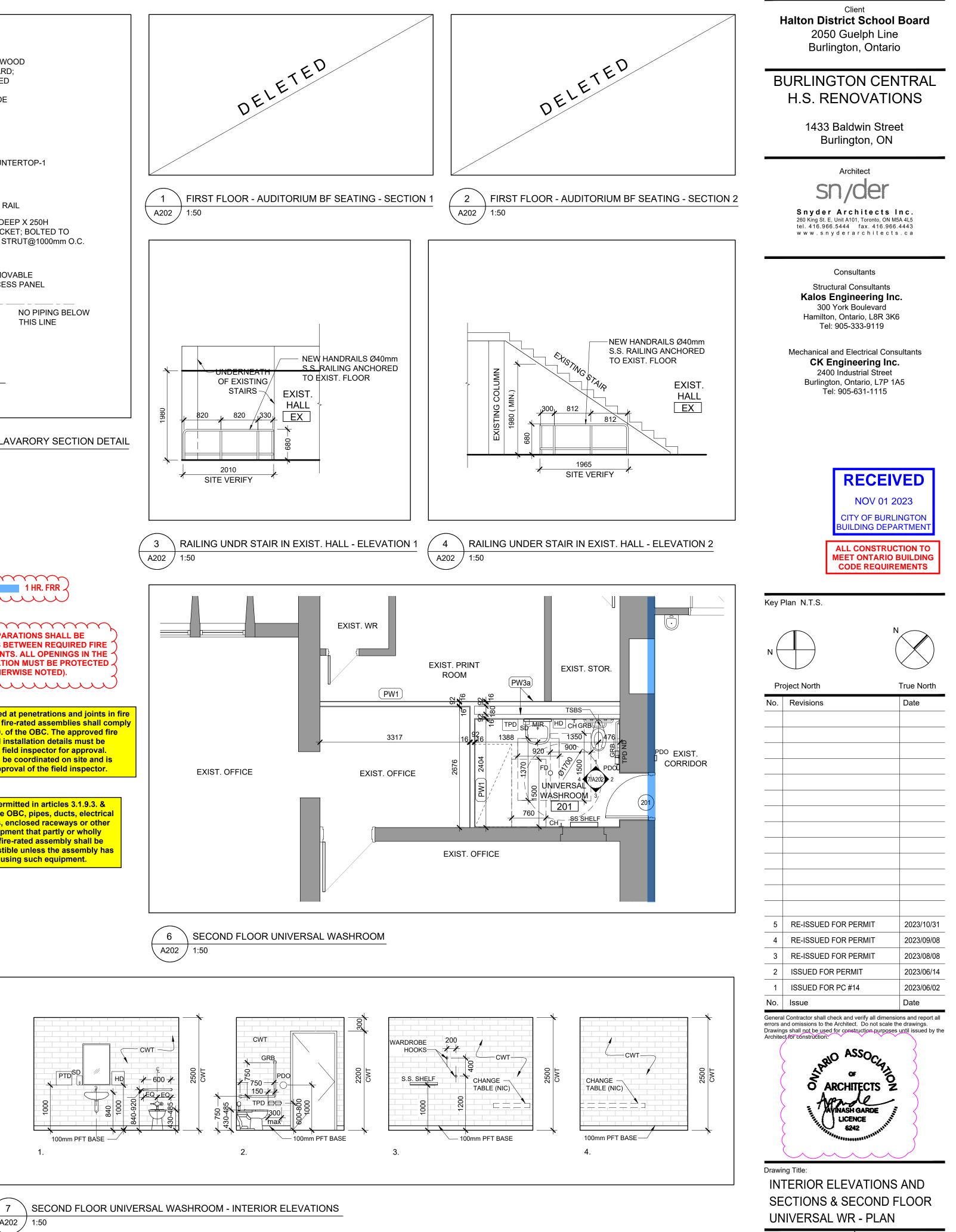
Drawing Title:



OCCUPANT LOAD FOR PLUMBING	
STUDENTS	
59 CLASSROOMS X 28 STUDENTS	= 1652
TOTAL STUDENTS	= 1652
STAFF	
59 CLASSROOMS X 1 TEACHER	= 59
GENERAL OFFICE 290sqm / 9.3	= 31
STUDENT SERVICES & SPEC. ED. OFFICE 227sqm/9.3	= 25
LIBRARY AND OTHER SUPPORT STAFF	= 10
MAINTENANCE STAFF	= 10
TOTAL STAFF	= 135
TOTAL STUDENTS & STAFF	= 1787

	F	PLUMBING F	IXTURES (	COUNT	
		F	IXTURE		
		TOILETS	URINALS	TOTAL	LAVAT
		FIRST FLO	DOR		
	MALE	6	6	12	9
	FEMALE	18		18	1
	UNIVERSAL WASHROOMS	3		3	3
S	UNI-SEX WASHROOMS	-		-	-
⊢ Z		SECOND	FLOOR		
Ш П	MALE	4	4	8	4
$\supset$	FEMALE	6		6	3
S⊤	UNIVERSAL WASHROOMS	1		1	1
	UNI-SEX WASHROOMS	-		-	-
		THIRD FL	OOR		
	MALE	4	5	9	5
	FEMALE	7		7	4
	UNIVERSAL WASHROOMS	1		1	1
	UNI-SEX WASHROOMS	-		-	-
	TOTAL FOR STUDENTS	·		65	
		FIRST FLO	DOR		
	MALE	2	2	4	2
	FEMALE	2		2	2
	UNI-SEX WASHROOMS	3		3	3
		SECOND	FLOOR		
ш	MALE	1	2	3	2
⊾ ∀	FEMALE	3		3	2
S⊤	UNI-SEX WASHROOMS	1		1	1
		THIRD FL	OOR		
	MALE	-	-	-	-
	FEMALE	-		-	-
	2 UNI-SEX WASHROOMS	2		2	2
	TOTAL FOR STAFF			18	





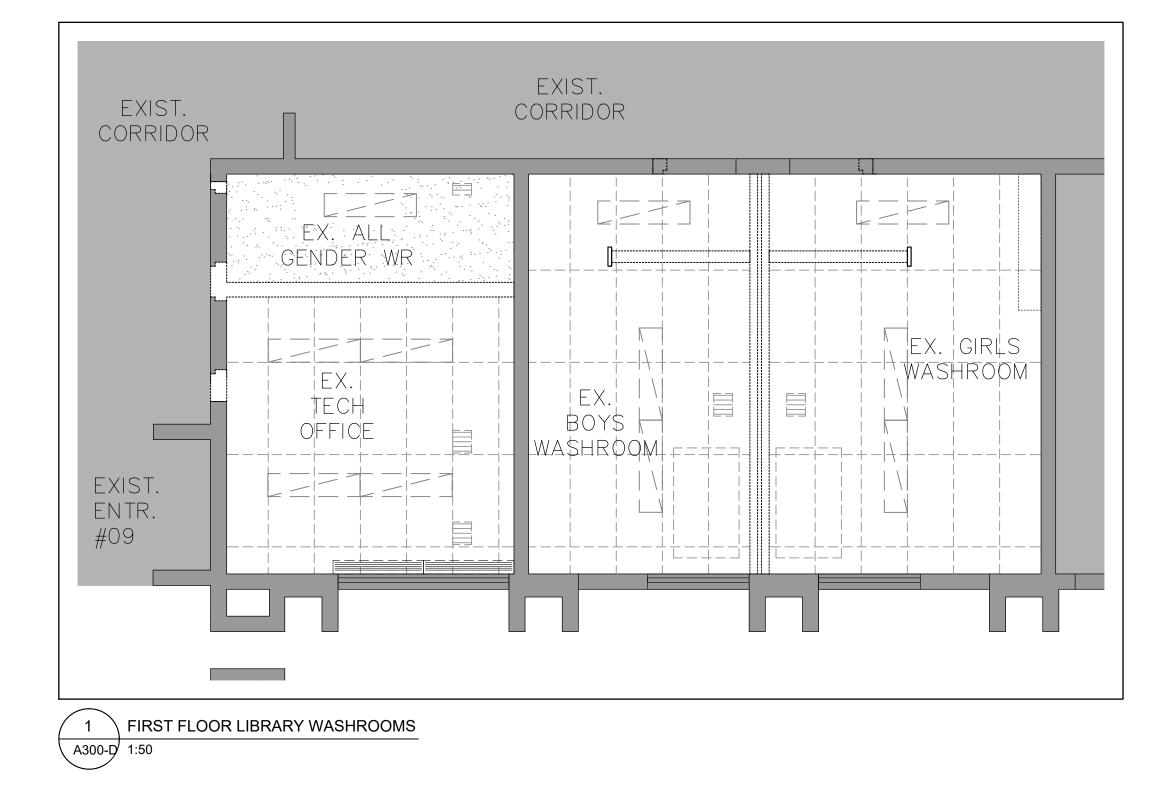
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19-04-2023

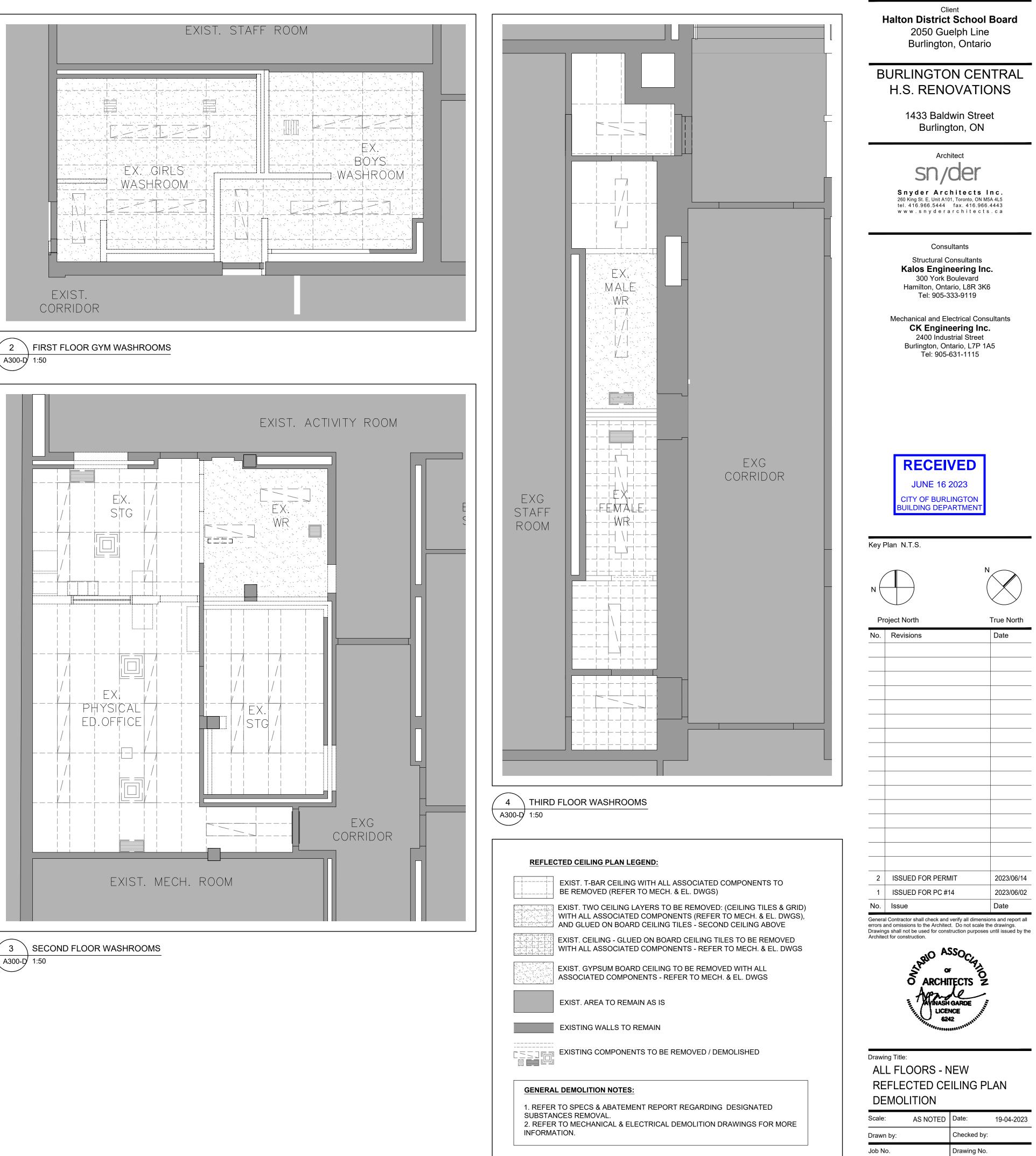
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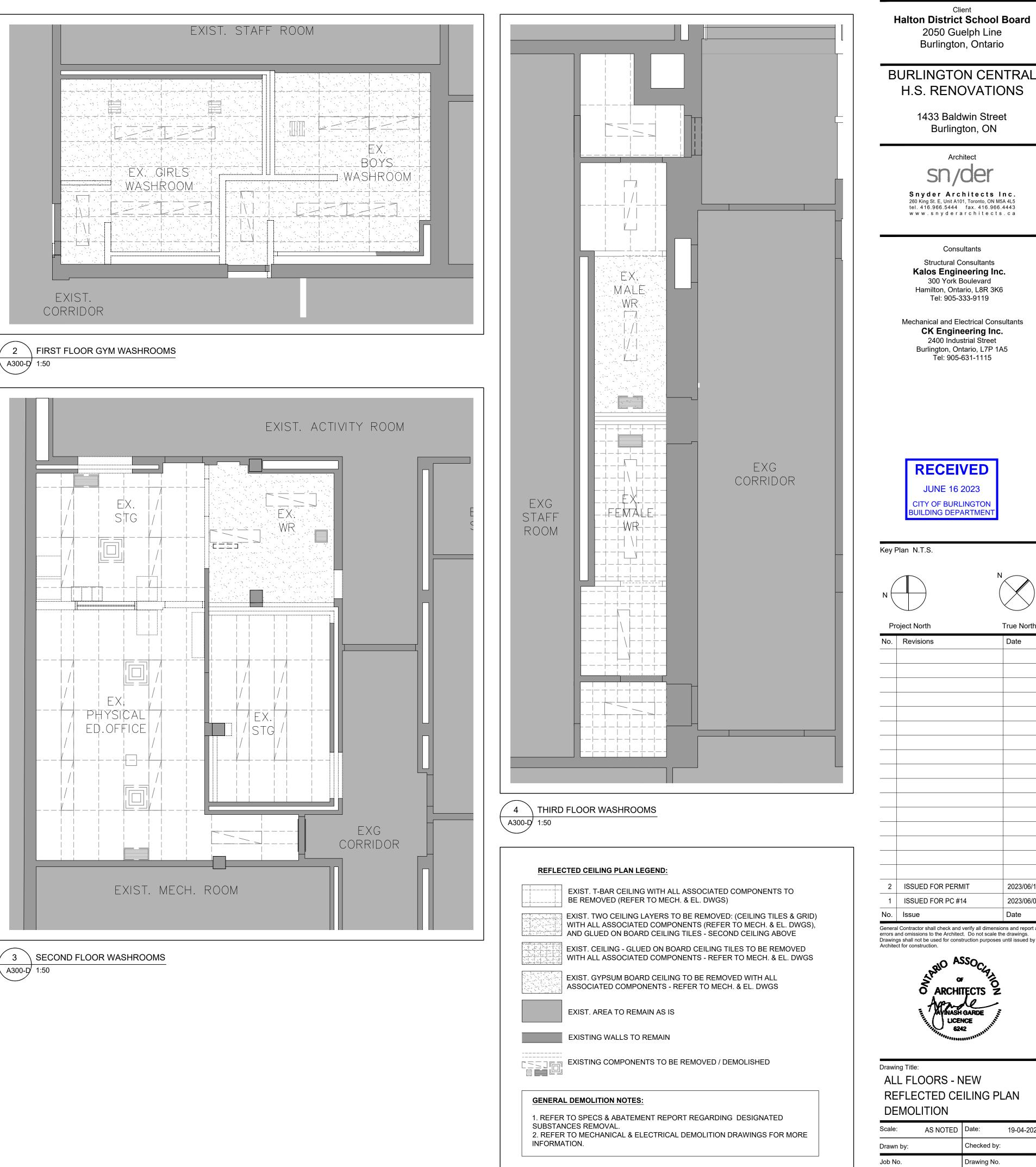
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COB - Building Department Page 7 of 12



ALL CONSTRUCTION TO **MEET ONTARIO BUILDING** CODE REQUIREMENTS

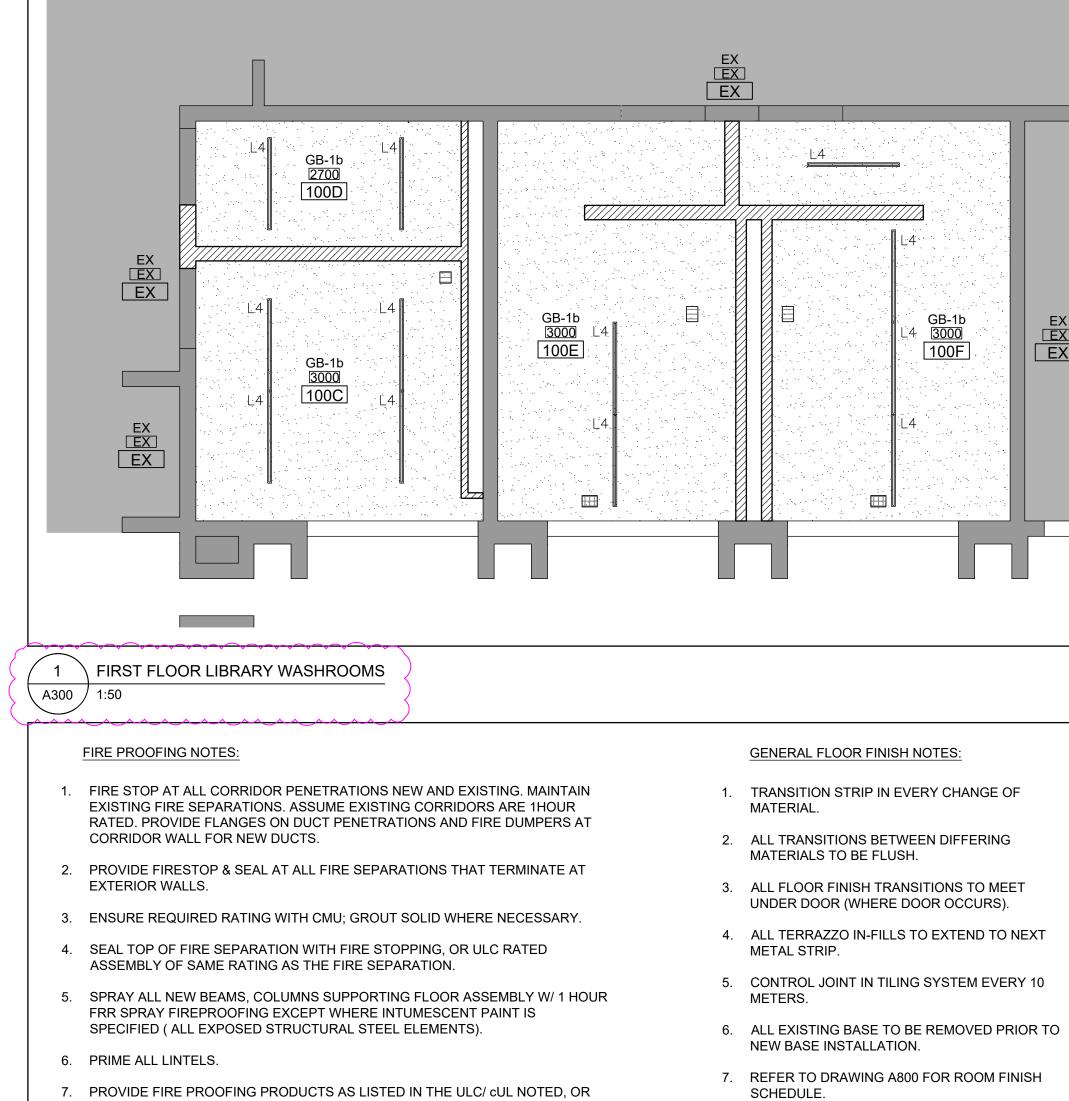




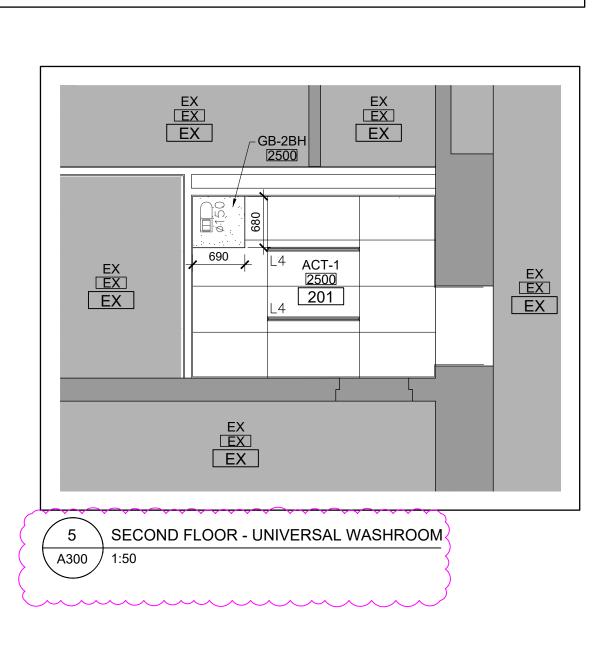


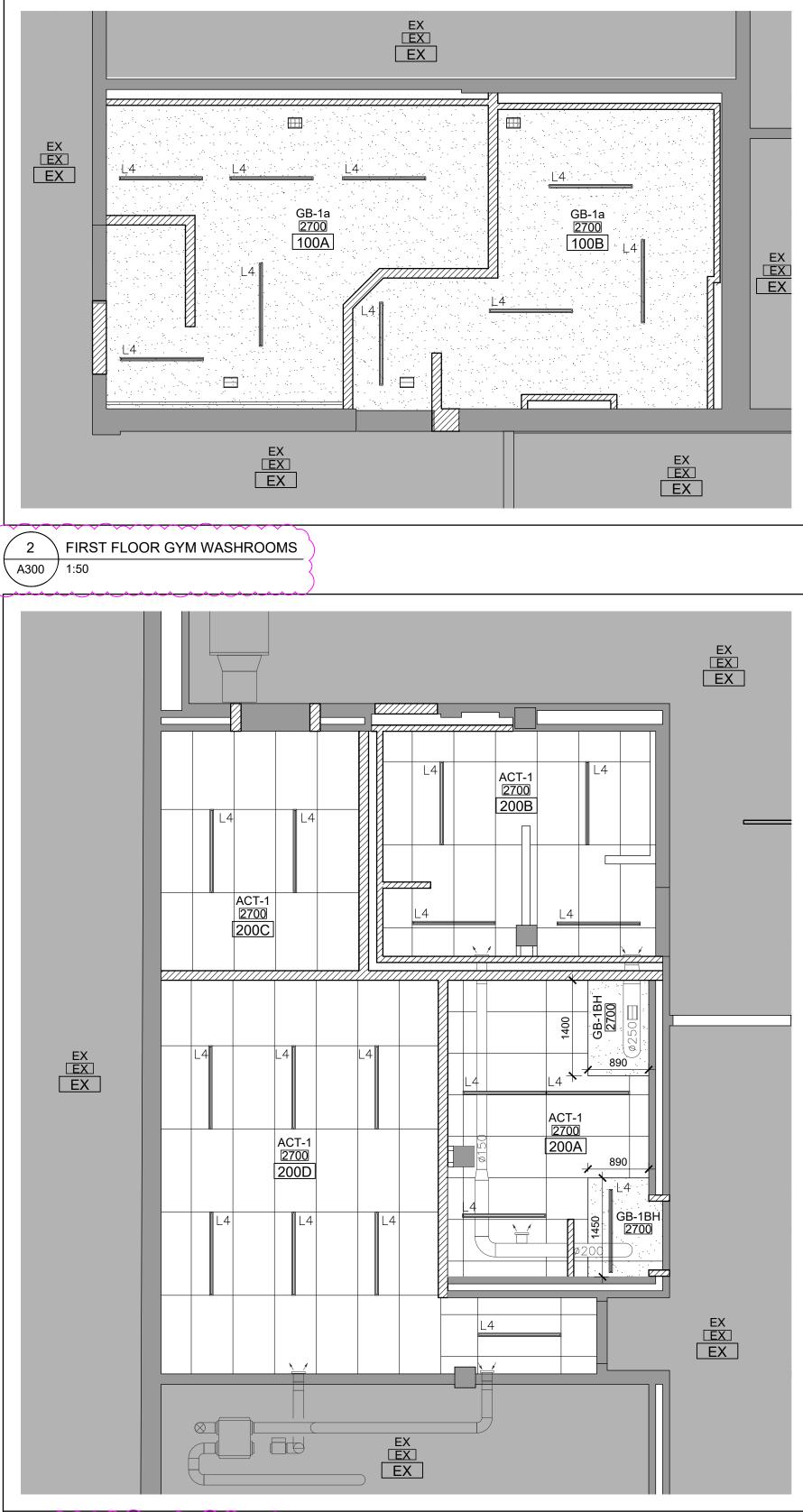
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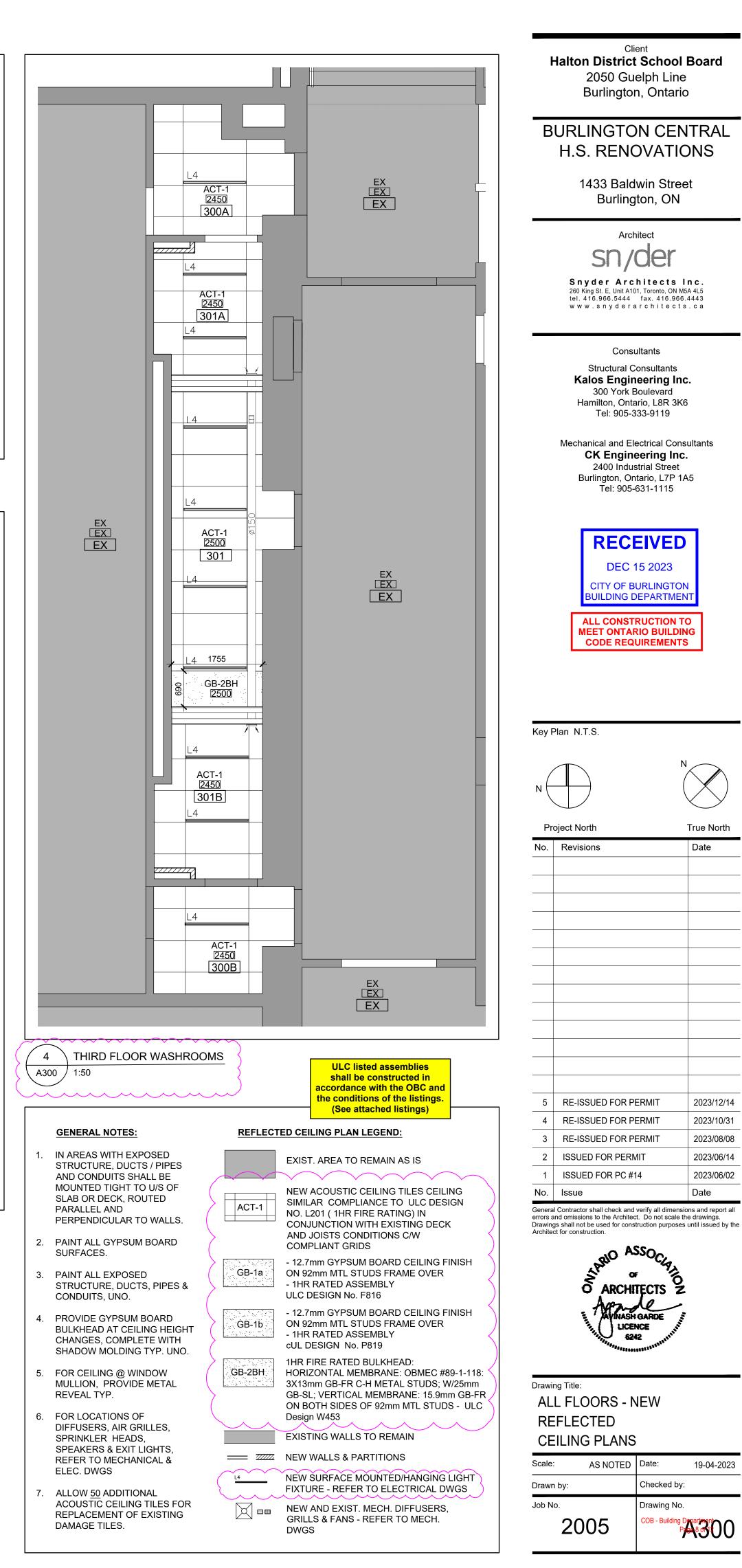
APPROVED EQUIVALENT.





3 SECOND FLOOR WASHROOMS

A300 / 1:50 



# **ROOM FINISH SCHEDULE**

ROOM #	ROOM NAME	FINISHES	FINISHES									
		FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS						
GROUN	D FLOOR											
100A	GIRLS WASHROOM	PFT	PFT	EX/CB - P; CWT	GB - P							
100B	BOYS WASHROOM	PFT	PFT	EX/CB - P; CWT	GB - P							
100C	UNIVERSAL WASHROOM	PFT	PFT	EX/CB - P; CWT	GB - P							
100D	STAFF WASHROOM	PFT	PFT	EX/CB - P; CWT	GB - P							
100E	BOYS WASHROOM	PFT	PFT	EX/CB - P; CWT	GB - P							
100F	GIRLS WASHROOM	PFT	PFT	EX/CB - P; CWT	GB - P							
SECONE	D FLOOR											
200A	FEMALE STAFF WASHROOM	PFT	PFT	EX/CB - P; CWT	GB - P							
200B	MALE STAFF WASHROOM	PFT	PFT	EX/CB - P; CWT	GB - P							
200C	STORAGE ROOM	LVT	RB	EX/CB - P	ACT							
200D	SEMINAR ROOM	LVT	RB	EX/CB - P	ACT							
201	UNIVERSAL WASHROOM	PFT	PFT	EX/GB - P; CWT	GB - P							
THIRD F	i .											
300A	EXISTING FOYER	EX	RB	GB - P	ACT							
300B	EXISTING FOYER	EX	RB	GB - P	ACT							
301	UNIVERSAL WASHROOM	PFT	PFT	EX/CB/GB - P; CWT	ACT							
301A	STAFF WASHROOM	PFT	PFT		EX/P							
301B	STAFF WASHROOM	PFT	PFT		EX							

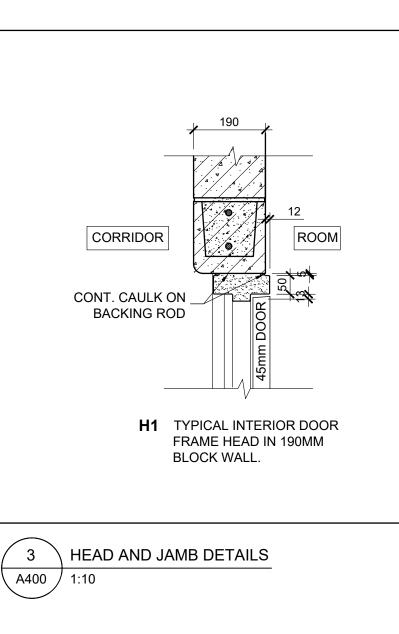
ROOM FINISH SCHEDULE LEGEND

	INISH SCHEDULE LEGEND.			
EXP	EXPOSED CEILING	CWT	CERAMIC WALL TILES	
EX	EXISTING FINISH	PCT	PORCELAIN CERAMIC TILES	
GB	GYPSUM BOARD	LVT	LUXURY VINYL TILE	
СВ	CONCRETE BLOCK	RB	RESILIENT BASE	
Р	PAINT	ACT	ACOUSTIC CEILING TILE	

#### **ROOM FINISH SCHEDULE NOTES:**

1. PROVIDE STAINLESS STEEL TRANSITION STRIP FOR ALL DOOR THRESHOLDS WHERE FLOOR FINISH CHANGES. 2. AT TRANSITIONS WHEN ADJACENT FLOOR FINISHES ARE OF DIFFERENT THICKNESS, SLOPE THE FLOOR SO AS TO SET A SEAMLESS FLUSH TRANSITION.

- 3. ALL NEW WALLS AND GB CEILINGS TO BE PAINTED.
- 4. FOR INTERIOR ELEVATIONS AND MORE INFORMATION REFER TO DRAWING A201.



# DOOR SCHEDULE (NEW & EXISTING DOORS)

	DOOMNAME	INTERIOR DOOR								INTERIOR FRAME / SCREEN						
MARK	ROOM NAME	FIRE RATING	DOOR TYPE	LEAF WIDTH	LEAF HEIGHT	NO. OF LEAFS	THICKNESS	MATERIAL	FINISH	GLAZING	SCREEN / FRAME TYPE		MATERIAL	FINISH	MULLION	COMMENTS
100A	GIRLS WASHROOM	45 min. FRR	А	1000	2150	1	45	НМ	Р	-	F1	-	HM	Р	-	PDO
100B	BOYS WASHROOM	45 min. FRR	A	1000	2150	1	45	HM	Р	-	F1	-	HM	Р	-	PDO
100C	UNIVERSAL WASHROOM	45 min. FRR	A	950	2150	1	45	HM	P		F1		HM	P	<u> </u>	PDO
1000	STAFE WASHROOM	45 min FRR	A	950	2150	1	45	НМ	P		F1		HM	P		
100E	GIRLS WASHROOM	45 min. FRR	Α	1000	2150	1	45	НМ	Р	-	F1	-	HM	Р	-	
100F	GIRLS WASHROOM	45 min. FRR	Α	1000	2150	1	45	НМ	Р	-	F1	-	HM	Р	-	
EX-200	EXISTING ACTIVITY ROOM	EX	EX	EX	EX	EX	EX	EX	P		EX		EX	P	-	
200A	FEMALE STAFF WASHROOM	45 min. FRR	А	900	2150	1	45	НМ	Р	-	F1	-	HM	Р	-	
200B	MALE STAFF WASHROOM	-	А	900	2150	1	45	НМ	Р	-	F1	-	HM	Р	-	
200C	STORAGE ROOM	-	A	900	2150	1	45	WD	Р	-	F1	-	HM	Р	-	
EX-200D	SEMINAR ROOM	EX	EX	EX	EX	EX	EX	EX	Р	-	EX	-	EX	Р	-	
201	UNIVERSAL WASHROOM	45 min. FRR	А	950	2150	1	45	НМ	Р	-	F1	-	HM	Р	-	PDO
EX-300A	EXISTING STAFF ROOM	EX	EX	EX	EX	EX	EX	EX	Р	-	EX	-	EX	Р	-	
EX-300B	EXISTING FOYER	EX	EX	EX	EX	EX	EX	EX	Р	-	EX	-	EX	Р	-	
EX-300C	EXISTING STAFF ROOM	EX	EX	EX	EX	EX	EX	EX	Р	-	EX	-	HM	Р	-	
EX-300D	EXISTING FOYER	EX	EX	EX	EX	EX	EX	EX	Р	-	EX	-	HM	Р	-	
301	UNIVERSAL WASHROOM	45 min. FRR	A	950	2150	1	45	НМ	Р	-	F1	-	HM	Р	-	PDO
301A	STAFF WASHROOM 1	-	A	900	2150	1	45	WD	Р	-	F1	-	НМ	Р	-	
301B	STAFF WASHROOM 2	-	Α	900	2150	1	45	WD	Р	-	F1	-	НМ	Р	-	

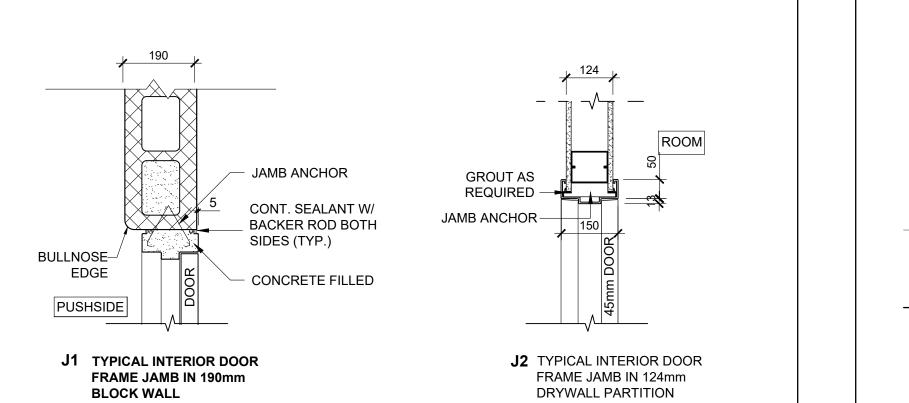
A400 1:50

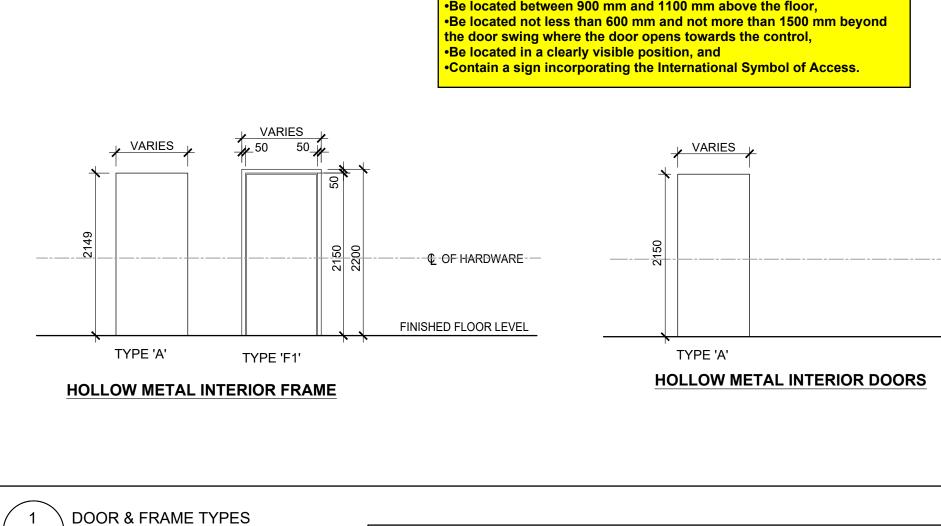
#### DOOR & FRAME SCHEDULE SCHEDULE LEGEND:

ΗМ	HOLLOW METAL	GL-3	TEMPERED SAFETY GLASS	SIG	SEALED INSULATING GLASS UNITS		
AL	ALUMINUM	GL-4	TEMPERED FIRE-RATED GLASS	Р	PAINT		
WD	WOOD	GL-5	FIRE-RATED LAMINATED GLASS	PF	PRE FINISHED		
FRR	FIRE RESISTANT RATING	PDO	POWER DOOR OPERATOR	EX	EXISTING		

#### **DOOR & FRAME SCHEDULE NOTES:**

- 1. ALL DOORS AND FRAMES MUST HAVE APPROPRIATE REINFORCING.
- 2. ALL FRAMES TO BE CONCRETE FILLED. 3. FOR HARDWARE, REFER TO HARDWARE SCHEDULE.
- 4. ALL FRAME IN FIRE SEPARATION AREAS TO BE FIRE RATED.





Client Halton District School Board 2050 Guelph Line Burlington, Ontario

# BURLINGTON CENTRAL H.S. RENOVATIONS

1433 Baldwin Street Burlington, ON

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#### Consultants

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

Mechanical and Electrical Consultants CK Engineering Inc. 2400 Industrial Street Burlington, Ontario, L7P 1A5 Tel: 905-631-1115



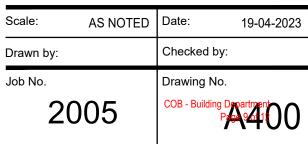
Key Plan N.T.S.



No.	Revisions	Date	
4	RE-ISSUED FOR PERMIT	2023/10/31	
3	RE-ISSUED FOR PERMIT	2023/08/11	
2	ISSUED FOR PERMIT	2023/06/14	
1	ISSUED FOR PC #14	2023/06/02	
۱o.	Issue	Date	



# Drawing Title: FIRST, SECOND & THIRD FLOOR- NEW WASHROOMS LAYOUTS



All doors requiring a fire resistance rating shall be labelled, be installed in labelled frames, and be equipped with listed hardware complying to

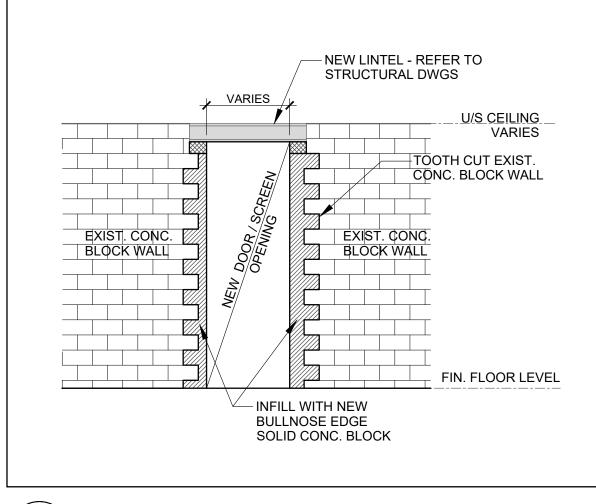
NFPA80 and 3.1.8.4. OBC.

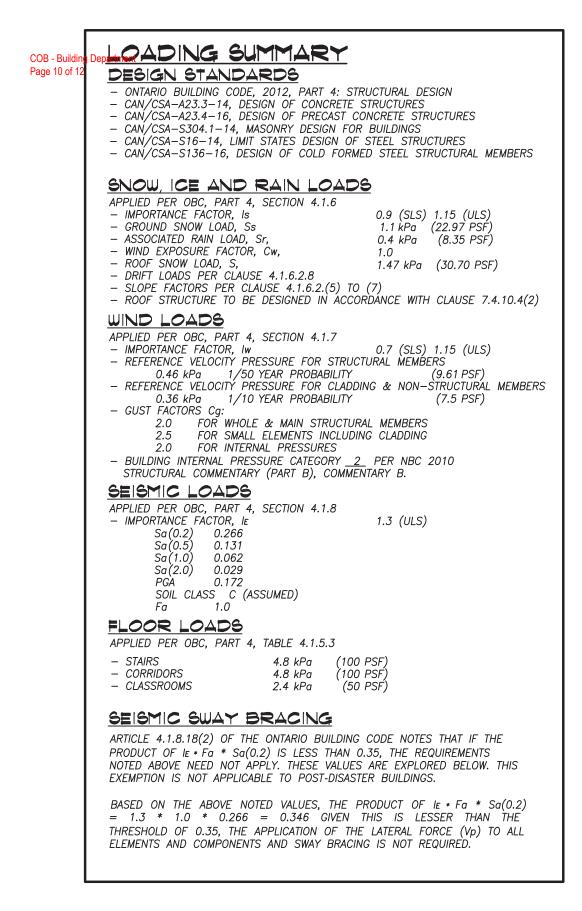
A DOOR IN AN ACCESS TO EXIT SHALL BE READILY **OPENABLE IN TRAVELLING TO AN EXIT WITHOUT REQUIRING KEYS, SPECIAL DEVICES OR SPECIALIZED** KNOWLEDGE OF THE DOOR OPENING MECHANISM. DOOR RELEASE HARDWARE SHALL BE OPERABLE BY ONE HAND AND NOT MORE THAN ONE RELEASING OPERATION AS PER DIV. B, 3.3.1.12.(2) & (3) OBC 2012

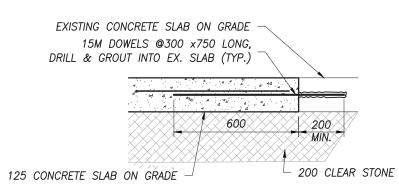
3.8.3.3.(10) – Barrier Free Doorways Barrier free doorways, unless equipped with a power door operator, shall have a clear space beyond a latch side of not less than: •600 mm where the door swings towards the approach side, •300 mm where the door swings away from the approach side, and •300 mm beyond both sides of a sliding door.

3.8.3.3.(17). – Power Door Operators Where a power door operator is provided, it shall be installed on the

latch side. The control for a power door operator shall: •Have a face dimension of not less than 150 mm in diameter where the control is circular or 50 mm by 100 mm where the control is rectangular, Be operable using a closed fist, •Be located between 900 mm and 1100 mm above the floor,

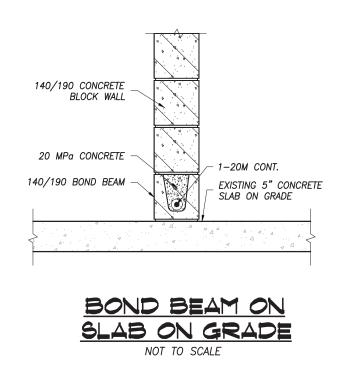


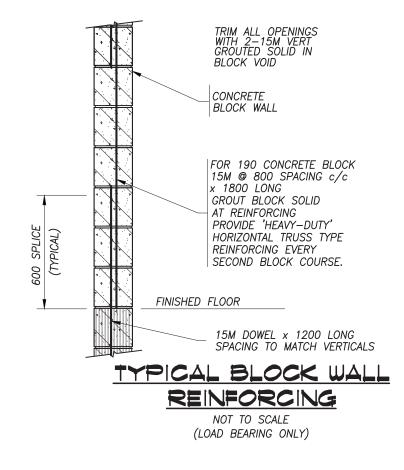






(REFER TO ARCHITECTURAL AND MECHANICAL FOR EXTENTS)



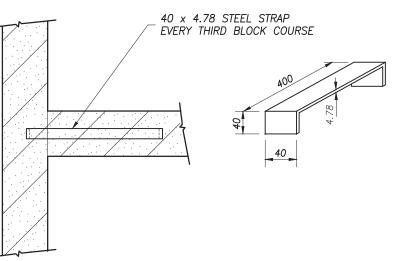


#### GENERAL NOTES

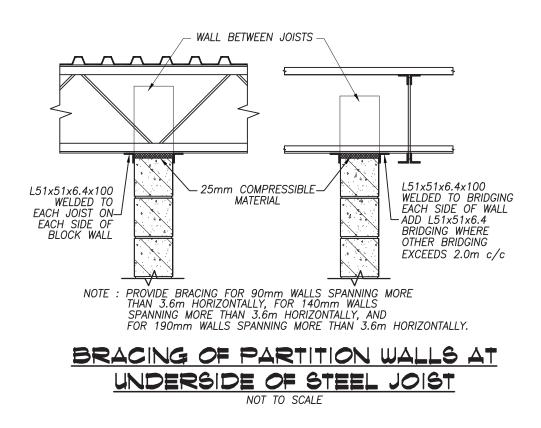
- . CHECK ALL DIMENSIONS ON THESE DRAWINGS WITH ALL OTHER DRAWINGS, INCLUDING BUT NOT LIMITED TO DRAWINGS PREPARED ARCHITECTURAL, MECHANICAL OR ELECTRICAL CONSULTANTS. REPORT ANY INCONSISTENCIES TO THE ARCHITECT OR ENGINEER PRIOR TO COMMENCING WITH THE WORK. DO NOT SCALE THE DRAWINGS.
- 2. THE DESIGN LIVE LOADS ARE INDICATED ON THE DRAWINGS. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS.
- 3. THE COMPLETED STRUCTURE IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING AND ANY OTHER TEMPORARY OR PERMANENT MEASURES AS REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 4. CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPARABLE TO SIMILAR CONDITION DETAILS.
- 5. REFER TO OTHER CONSULTANTS DRAWINGS FOR DETAILS OF OPENINGS, PITS, CHAMFERS, DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS.
- 6. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS, AND GOOD CONSTRUCTION PRACTICES.
- 7. THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.
- 8. CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.

#### MAGONRY NOTES

- 1. ALL STRUCTURAL ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD S304.1. ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD A371. ALL MASONRY CONNECTORS, REINFORCING AND TYING SHALL BE IN ACCORDANCE WITH CSA A370. ALL MORTAR AND GROUT SHALL BE IN ACCORDANCE WITH A179.
- ALL CONCRETE BLOCKS SHALL BE NORMAL WEIGHT TYPE H/15/A/M UNLESS OTHERWISE NOTED. MORTAR SHALL BE TYPE S FOR LOADBEARING AND TYPE N FOR NON-I OADBEARING.
- 3. VERTICAL CONTROL JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 6000mm. REFER TO ARCHITECTURAL DRAWING FOR DETAILS AND LOCATIONS.
- 4. TRIM ALL OPENINGS WITH 2-15M BARS.
- GROUT SHALL CONSIST OF ON ONE PART PORTLAND CEMENT, THREE PARTS SAND (MAXIMUM AGGREGATE SIZE SHALL BE 10mm) WITH WATER TO PROVIDE A MINIMUM 10MPa COMPRESSIVE STRENGTH AT 28 DAYS. SLUMP SHALL BE 200mm TO 250mm.
- 6. ALL CELLS CONTAINING REINFORCING SHALL BE GROUTED SOLID. TWO BLOCK COURSES BELOW BEARING PLATES SHALL BE GROUTED SOLID.
- 7. THE MASONRY SHALL BE CONSTRUCTED EVENLY WITH MAXIMUM LIFTS OF 1200 PER DAY. DO NOT TOOTH AND BOND OR STACK BOND MASONRY. RAKE BACK ENDS OF UNFINISHED WALLS.
- 8. ALL MORTAR JOINTS SHALL BE TOOLED (CONCAVE). A MINIMUM BED JOINT OF 6mm IS REQUIRED FOR THE STARTING COURSE TO A MAXIMUM OF 20mm. THE
- BED JOINTS SHALL BE 10mm.9. PROVIDE VERTICAL AND HORIZONTAL REINFORCING AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- 90 CONCRETE BLOCK 10M VERTICAL AT 600 O.C. & HEAVY DUTY TRUSS TYPE HORIZONTAL REINFORCING EVERY SECOND COURSE.
- 140 CONCRETE BLOCK 10M VERTICAL AT 600 O.C. & HEAVY DUTY TRUSS
   TYPE HORIZONTAL REINFORCING EVERY SECOND COURSE.
- 190 CONCRETE BLOCK 15M VERTICAL AT 800 O.C. & HEAVY DUTY TRUSS TYPE HORIZONTAL REINFORCING EVERY SECOND COURSE.
   NON-LOAD BEARING WALLS – NO VERTICAL REINFORCING.
- THE HORIZONTAL REINFORCING AT EXTERIOR WALLS SHALL BE TRUSS REINFORCEMENT GALVANIZED. DO NOT EXTEND HORIZONTAL REINFORCING THROUGH CONTROL JOINTS UNLESS OTHERWISE NOTED.
- 11. PROVIDE A STEEL LINTEL OVER ALL OPENINGS OR RECESSES INCLUDING OPENINGS FOR MECHANICAL AND ELECTRICAL COMPONENTS. ALL EXTERIOR LINTELS TO BE HOT DIP GALVANIZED.
- 12. BUILD THE MASONRY SOLID AROUND ALL BEAM, LINTEL AND JOIST POCKETS. INSTALL BEARING PLATES AT THE SPECIFIED ELEVATION AND GROUT THE PLATE INTO THE WALL A MINIMUM OF 400mm.
- 13. PROVIDE TEMPORARY BRACING AS REQUIRED TO SUPPORT THE MASONRY WALLS IN CONSTRUCTION. PROTECT THE MASONRY WALLS FROM THE ELEMENTS AT ALL TIMES EXCEPT DURING CONSTRUCTION PROGRESS.



TYPICAL INTERSECTION OF CONCRETE BLOCK WALLS NOT TO SCALE



### CONCRETE NOTES

- ALL STRUCTURAL CONCRETE ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.3. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.1.
- MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE:

   SLAB ON GRADE
   MPa TYPE N
   SLUMP SHALL BE 75mm± 25mm.
   AGGREGATE SHALL BE 20mm MAXIMUM.
   AIR ENTRAINED TO BE 6% ± 1% WHEN EXPOSED TO EXTERIOR.
   CONTRACTOR TO SUBMIT CONCRETE MIX DESIGN FOR REVIEW.
- 3. THE DEFORMED REINFORCING STEEL SHALL CONFORM TO CSA STANDARD G30.18M GRADE 300R FOR STIRRUPS AND TIES AND GRADE 400R FOR ALL OTHER REINFORCING. UNLESS OTHERWISE NOTED THE REINFORCING LAP LENGTH SHALL BE 'CLASS B' IN SPLICES. ALL REINFORCING HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH A23.1.
- 4. WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH CSA G30.5. ALL MESH SHALL BE CHAIRED PRIOR TO THE CONCRETE POUR. LIFTING OF THE MESH DURING THE CONCRETE POUR WILL NOT PERMITTED. ALL SPLICES SHALL BE A MINIMUM OF TWO CROSS WIRE SPACINGS PLUS 50mm.
- 5. THE REINFORCING COVER FOR CONCRETE SHALL BE:
   75mm FOR CONCRETE AGAINST EARTH
   40mm FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 15M OR SMALLER
- 50mm FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 20M OR LARGER
   25mm FOR INTERIOR CONCRETE. ALL CHAIRS, BOLSTERS, SPACERS AND BAR SUPPORTS SHALL BE IN ACCORDANCE WITH A23.1.

#### STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL ELEMENTS, INCLUDING DESIGN OF ELEMENTS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH CAN/CSA S16.

- 2. ALL STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21 (300W) EXCEPT W SECTIONS AND PLATES G40.21 (350W), HSS MEMBERS G40.21 (350W) CLASS C OR ASTM A500 GRADE C, ANCHOR BOLTS ASTM A307, COLD FORMED SECTIONS ASTM A570M GRADE 350W. UNLESS OTHERWISE NOTED, ALL SECTIONS SHALL BE PRIME PAINTED WITH THE SURFACE PREPARATION AND PAINTING PROCEDURES IN ACCORDANCE WITH CAN/CGSB 85.10.
- 3. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CAN/CSA W59. THE STEEL FABRICATOR SHALL BE FULLY QUALIFIED UNDER THE REQUIREMENTS BY THE CANADIAN WELDING BUREAU IN CONFORMANCE WITH CAN/CSA W47.1.
- 4. DESIGN ALL MOMENT AND SHEAR CONNECTIONS FOR THE FULL CAPACITY OF THE SMALLER MEMBER IN THE CONNECTION UNLESS OTHERWISE NOTED.
- 5. PROVIDE MINIMUM BEARING LENGTH OF STEEL MEMBERS AS FOLLOWS:
- ON MASONRY 150mm
- ON STEEL 90mm
   THE BASE PLATE AND BEARING PLATE GROUT SHALL BE OF THE CEMENTITIOUS NON-SHRINK TYPE.
- 7. FULLY WELD THE BASE PLATE TO THE COLUMN TO DEVELOP THE ANCHOR BOLTS. PROVIDE CAP PLATES ON ALL COLUMNS. PROVIDE 6mm CAP PLATES ON ALL COLUMNS.
- 8. PROVIDE MINIMUM 175x10x175 BEARING PLATES FOR ALL STRUCTURAL
- STEEL c/w 2-15Ø ANCHORS UNLESS OTHERWISE NOTED. 9. ERECT STRUCTURAL STEEL IN ACCORDANCE WITH CSA S16 AND IN
- CONFORMANCE WITH THE APPROVED SHOP DRAWINGS.

#### STRUCTURAL STEEL (1) Welding shall be undertaken only by a company approved by the Canadian

Welding Bureau to the requirements of CSA Standard W.47.1. (2) Temporary bracing to be used wherever

necessary to withstand all loads during erection and subsequent construction. (3) All structural steel buildings to conform to CSA S16-14 (Consolidation).

#### LINTEL PROCEDURE

1. PROVIDE TEMPORARY SHORING TO STRUCTURE ABOVE PRIOR TO ANY REMOVALS. REFER TO SHORING NOTES ON A200-D.

- 2. NEATLY SAWCUT AND BREAK OPEN PART OF EXISTING CONC. BLOCK WALL
- TO SUIT NEW DOOR OPENING  $+ \pm 1$  BLOCK ABOVE
- 3. INSTALL LINTEL FROM LINTEL SCHEDULE. BEARING MINIMUM 150 AT EACH END.
- 4. INFILL BLOCK.

 STEL LINTEL

 TYPICAL OPENING

 LESS THAN 450

 USE 6mm PLATE, MINIMUN 100

 BEARING, WALL WIDTH -25mm

 450 - 2100

 REFER TO LINTEL SCHEDULE

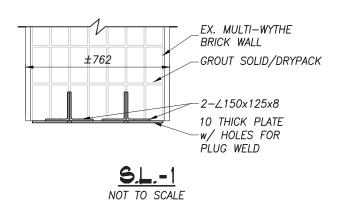
140 WALL		190 WALL		
_#_	2∠s 75x65x8	_ <del></del>	2∠s 90x90x8	
_#_	2∠s 90x65x8	_#L	2∠s 125x90x8	
_#_	2Ls 90x65x10	_#L	2∠s 150x90x8	
	240 WALL		290 WALL	
_#L	2Ls 100x100x8	_#L	3Ls 90x90x8	
_#L	2Ls 150x100x8	_#L	3Ls 125x90x8	
_#L	2Ls 150x100x8	_#L	3Ls 150x90x8	
			H       21s       75x65x8       H         H       21s       90x65x8       H         H       21s       90x65x10       H         H       21s       90x65x10       H         H       21s       90x65x10       H         H       21s       90x65x10       H         L       240       WALL       H         H       21s       100x100x8       H         H       21s       150x100x8       H	

FOR LINTELS IN 90 VENEER, USE 1 ANGLE OF THAT NOTED FOR 190 WALL ON SIMILAR SPAN.

DOUBLE ANGLES TO BE STITCH WELDED BACK TO BACK. LINTELS TO HAVE A BOLTED CONNECTION TO COLUMNS. LINTELS LARGER THAN 2100 TO HAVE BEARING PLATE TYPE A TERMINATE LINTEL PLATES 10mm SHY OF OPENING

#### TYPICAL STEEL LINTEL DETAIL

NOT TO SCALE

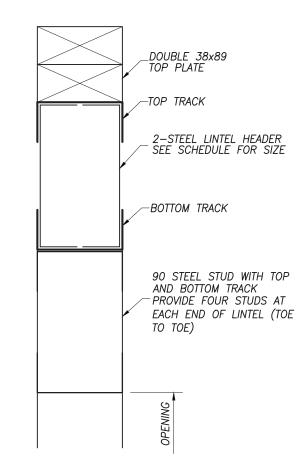


	150 MIN.	EAR SPAN
{		
	CLEAR SPAN	HEADER SIZE
	UP TO 1200mm	2–90 x 16 ga (1.52mm)
	1200 TO 1400mm	2–100 x 16 ga (1.52mm)

1400 TO 2000mm

2000 TO 2800mm

# TYPICAL STEEL STUD LINTEL DETAIL



2–150 x 16 ga (1.52mm)

2–200 x 14 ga (1.91mm)



#### Client Halton District School Board 2050 Guelph Line Burlington, Ontario

# BURLINGTON CENTRAL H.S. RENOVATIONS

1433 Baldwin Street Burlington, ON

Architect Sn/der Snyder Architects Inc. 260 King St. E, Unit A101, Toronto, ON M5A 4L5 tel. 416.966.5444 fax. 416.966.4443 ww.snyderarchitects.ca

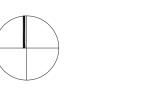
#### Consultants

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

Mechanical and Electrical Consultants **CK Engineering Inc.** 3390 South Service Rd, Suite 302 Burlington, Ontario, L8R 3K6 Tel: 905-631-1115



Key Plan N.T.S.





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Pr	oject North	True North	
No.	Revisions	Date	
3	RE-ISSUED FOR PERMIT	23-10-10	
2	RE-ISSUED FOR PERMIT	23-08-11	
1	ISSUED FOR PERMIT	23-06-13	
No.	Issue	Date	

#### Disclaimer

This drawing is being issued at this time in response to a request made by a sub-contractor. The burden of coordinating the information contained in this drawing rests solely on the sub-contractor. The information included in this drawing is subject to change without notice and the Architect does not assume any liability for its content.

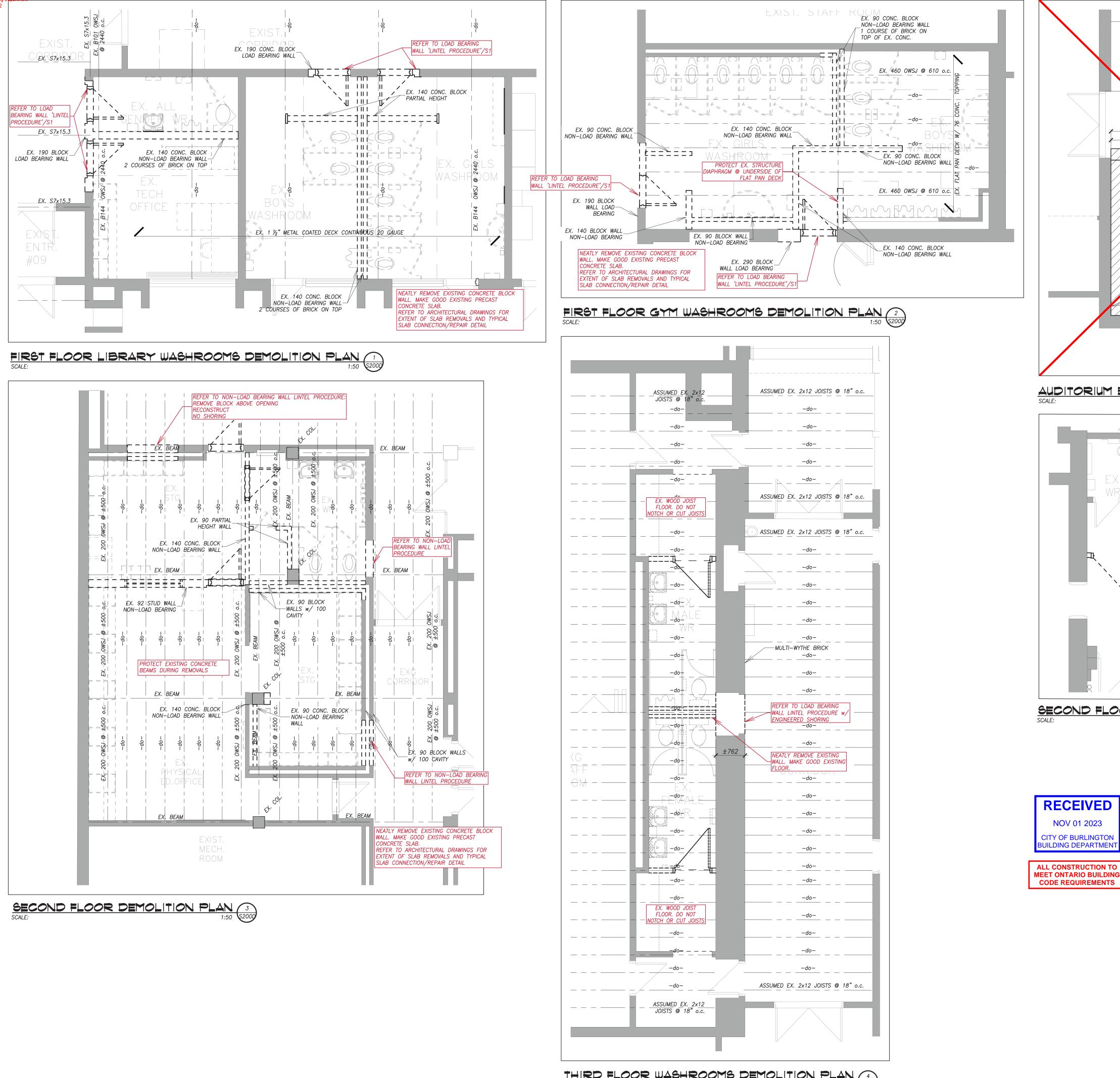
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# TYPICAL NOTES AND DETAILS

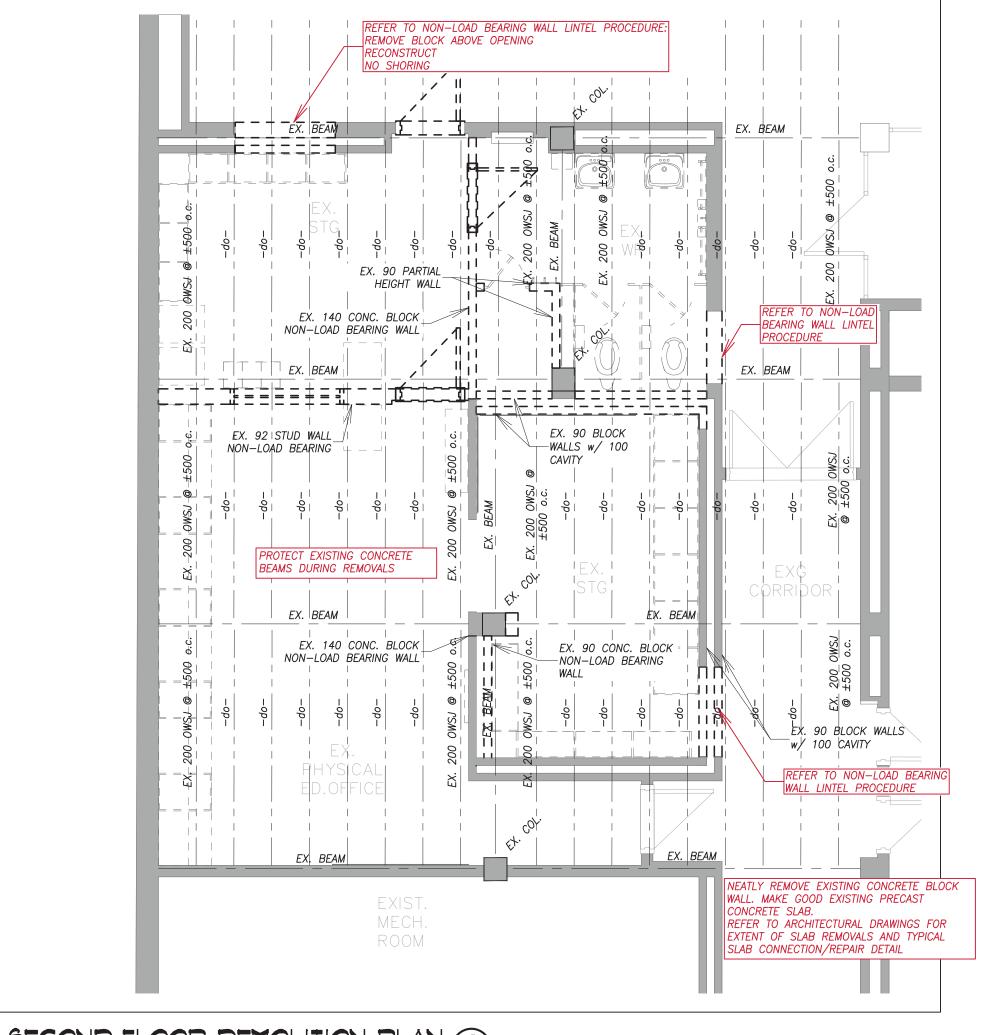
Scale: AS NOTED	Date: APRIL 2023	
Drawn by: JRD	Checked by: JPC	
Job No.	Drawing No.	
2005 °°	B - Building Department Page 10 of 12	

ſ	NOTE:					
	1. INFORMATION FROM EXISTING DRAWINGS PREPAR	PED BY:				
	-SHORE & MOFFAT ARCHITECTS	PROJECT FILE #158	DATED DEC 1949.			
	-SHORE & MOFFAT ARCHITECTS	PROJECT FILE #158B				
	-SHORE & MOFFAT ARCHITECTS	PROJECT FILE #158D				
	-WALL YAMAMOTO & MATTHEWS ARCHITECTS	PROJECT FILE #6410	DATED APR 1965.			









THIRD FLOOR WASHROOMS DEMOLITION PLAN (4)

