



2026-136-P02217 Waterdown District High School Washrooms, Windows, Exterior Doors and Learning Commons Renovations

215 Parkside Drive, Waterdown, Ontario
ISSUED FOR TENDER- May 01, 2026

CONSULTING TEAM

ARCHITECTURAL

SALTER PILON ARCHITECTURE INC.
 151 FERRIS LANE, SUITE 400
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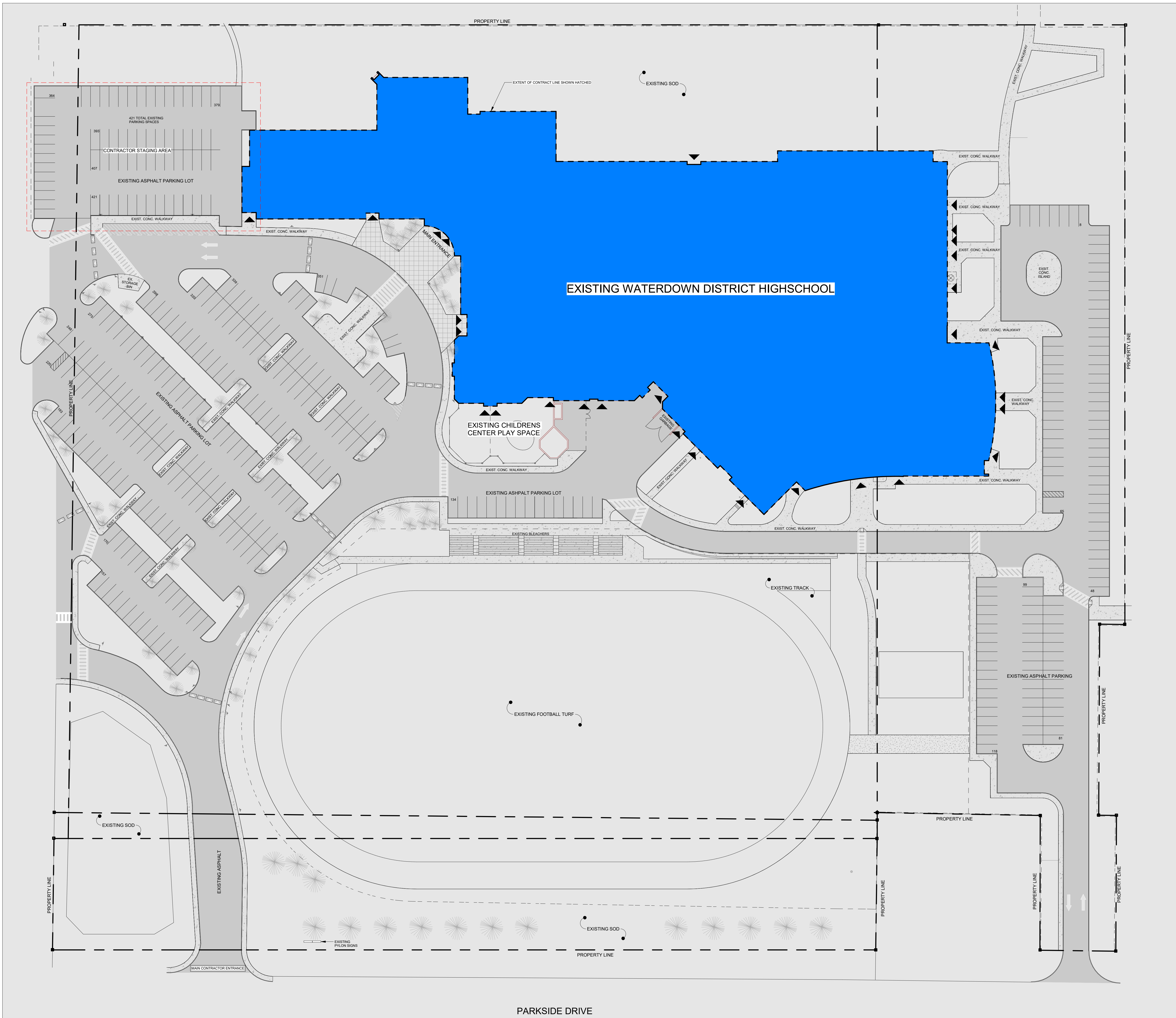
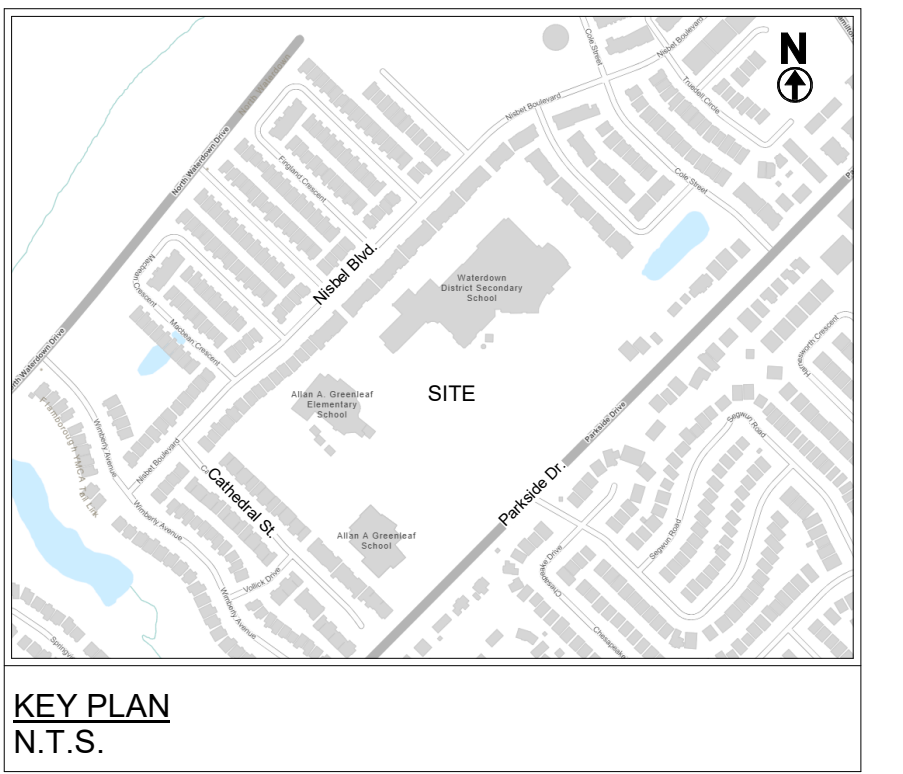
MECHANICAL / ELECTRICAL

REGAL CONSULTING ENGINEERS INC.
 2828 KINGSWAY DR, SUITE 201
 OAKVILLE, ONTARIO
 L6J 7M2
 T: 905-829-3010

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SITE PLAN GENERAL NOTES:

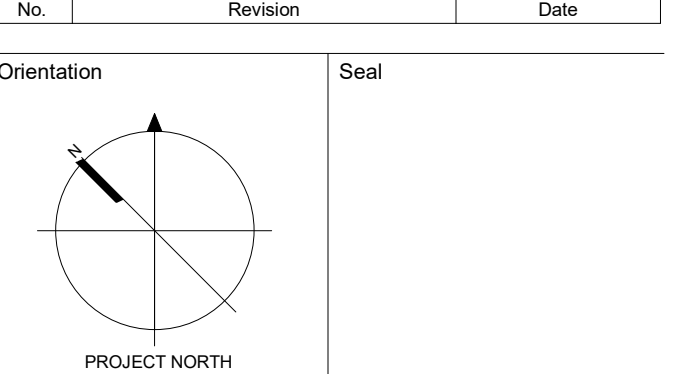
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPALITY AND ANY OTHER RELEVANT AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPALITY AND ANY OTHER RELEVANT AGENCIES.
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SITE PLAN LEGEND:

- POLE MOUNTED LIGHT STANDARD AS PER ELEC. DWG.
- PROPERTY LINE / EXTENT OF CONTRACT
- PART LOT / EASEMENT LINE
- EXISTING TREE
- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE PAVING / SIDEWALK
- EXISTING GRAVEL PATH
- EXISTING LANDSCAPE PAVERS
- EXISTING HEAVY-DUTY PAVERS
- EXISTING HEAVY-DUTY ASPHALT
- EXISTING SOO, AND AS LABELED

No.	Revision	Date
4	Issued for Tender	2008 05 01
3	Issued for 50% CD	2008 03 17
2	Issued for Building Permit	2008 03 17
1	Issued for 75% CD	2008 02 27

No.	Revision	Date



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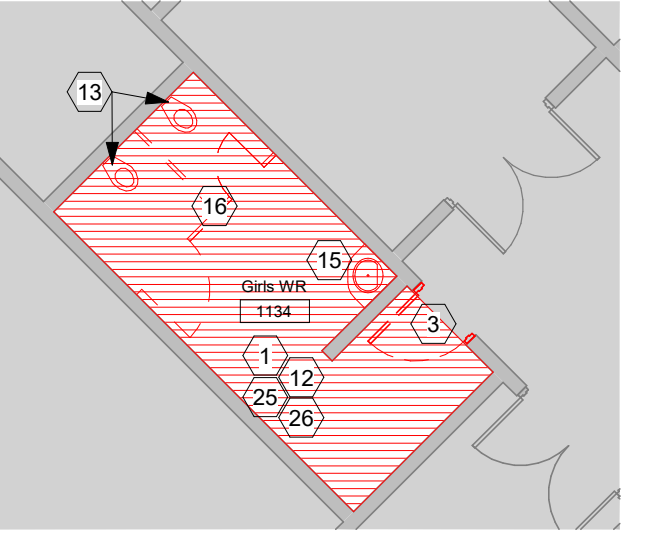
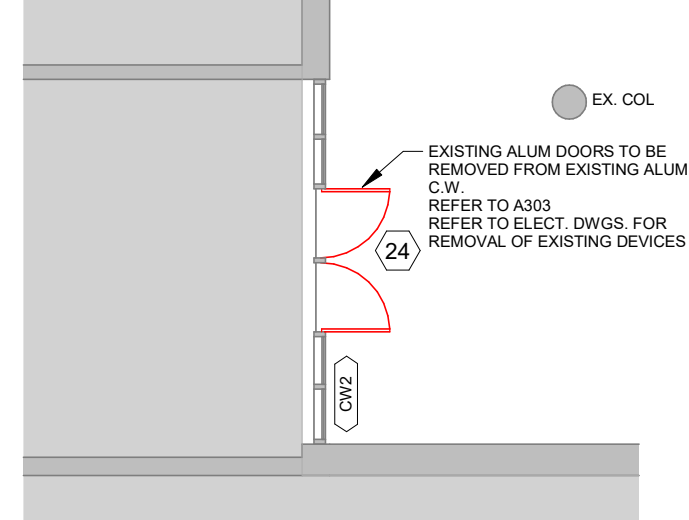
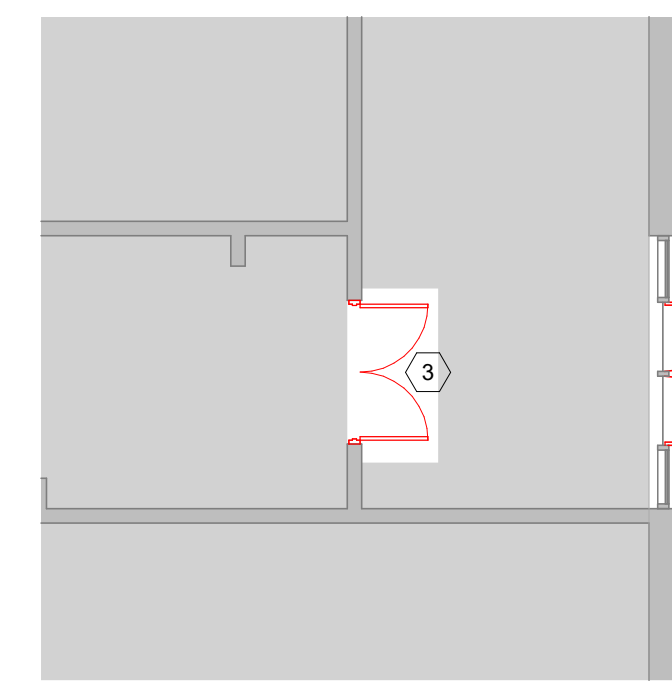
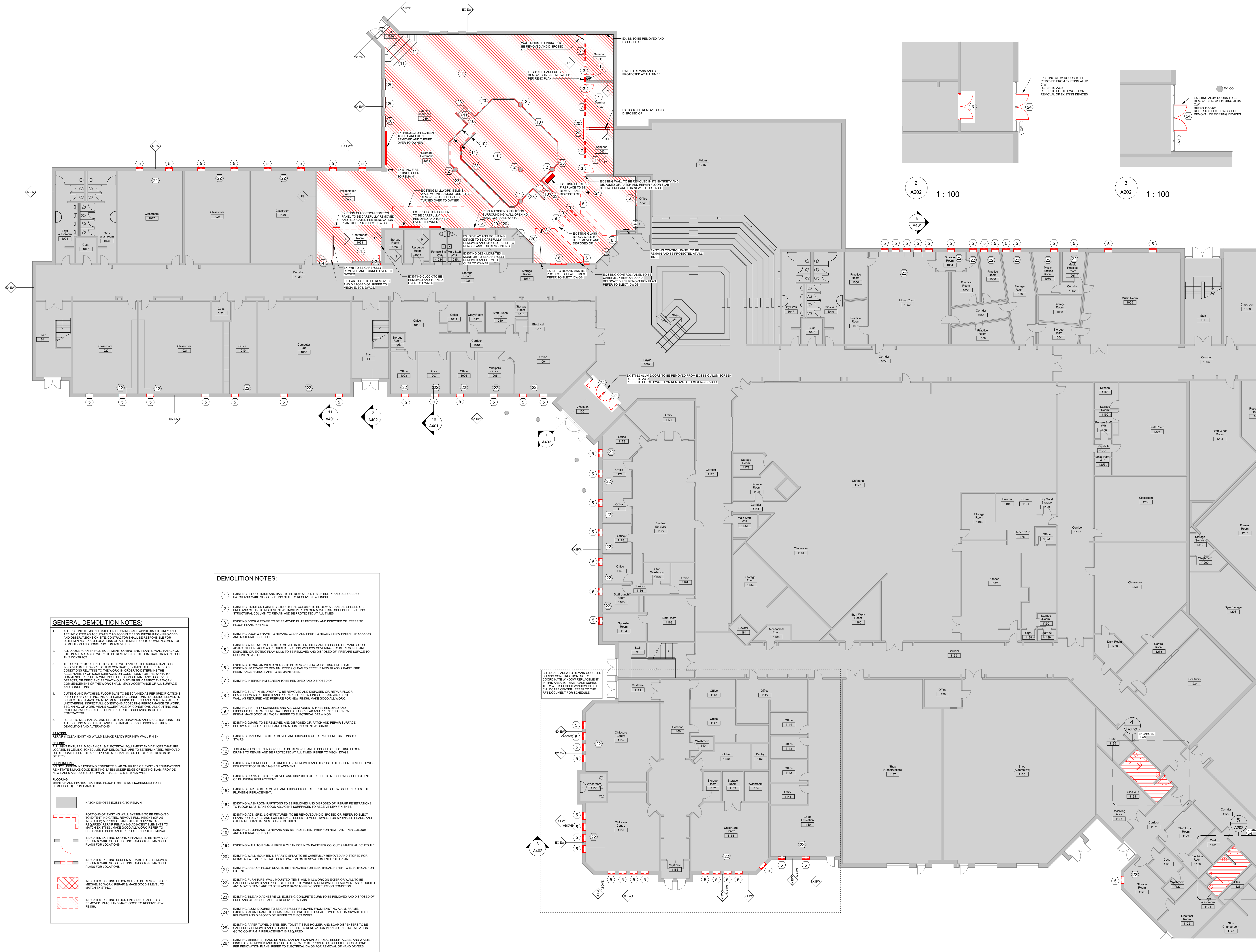
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

For Hamilton-Wentworth District School Board

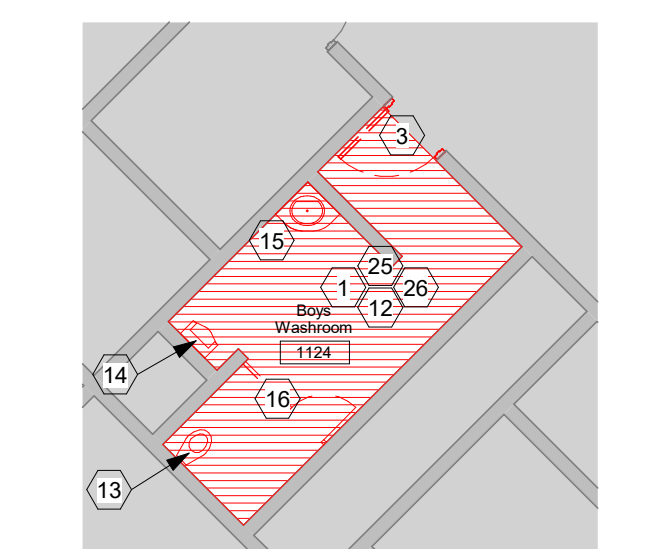
Site Plan

Date	Project No	Drawing No
2026.05.01	25019	A101
Drawn by KM EL		
Scale As indicated		

AutoCAD 2024/25019 - Waterdown Highschool Renovations/25019 - Waterdown Highschool Renovation_R04.rvt 2026-05-01 1:16:47 PM



4 WR 1134 - Demo
A202 1:100



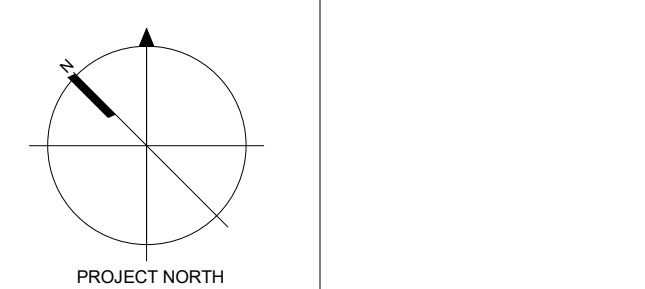
5 WR 1124 - Demo
A202 1:100

- DEMOLITION NOTES:**
- EXISTING FLOOR FINISH AND BASE TO BE REMOVED IN ITS ENTIRETY AND DISPOSED OF. PATCH AND MAKE GOOD EXISTING SLAB TO RECEIVE NEW FINISH.
 - EXISTING FINISH ON EXISTING STRUCTURAL COLUMN TO BE REMOVED AND DISPOSED OF. PREP AND CLEAN TO RECEIVE NEW FINISH PER COLOUR & MATERIAL SCHEDULE. EXISTING STRUCTURAL COLUMN TO REMAIN AND BE PROTECTED AT ALL TIMES.
 - EXISTING DOOR & FRAME TO BE REMOVED IN ITS ENTIRETY AND DISPOSED OF. REFER TO FLOOR PLANS FOR NEW.
 - EXISTING DOOR & FRAME TO REMAIN. CLEAN AND PREP TO RECEIVE NEW FINISH PER COLOUR AND MATERIAL SCHEDULE.
 - EXISTING WINDOW LINT TO BE REMOVED IN ITS ENTIRETY AND DISPOSED OF. MAKE GOOD ADJACENT SURFACES AS REQUIRED. EXISTING WINDOW COVERS TO BE REMOVED AND DISPOSED OF. EXISTING FLOOR SLAB TO BE REMOVED AND DISPOSED OF. PREPARE SURFACE TO RECEIVE NEW SLAB.
 - EXISTING GLASS WINDOW GLASS TO BE REMOVED FROM EXISTING ILM FRAME. EXISTING ILM FRAME TO REMAIN. PREP & CLEAN TO RECEIVE NEW GLASS PANE. FIRE RESISTANCE RATINGS ARE TO BE MAINTAINED.
 - EXISTING INTERIOR ILM SCREEN TO BE REMOVED AND DISPOSED OF.
 - EXISTING BUILT-IN MILLWORK TO BE REMOVED AND DISPOSED OF. REPAIR FLOOR SLAB BELOW AS REQUIRED AND PREPARE FOR NEW FINISH. MAKE GOOD ADJACENT WALL AS REQUIRED AND PREPARE FOR NEW FINISH. MAKE GOOD ALL WORK. REFER TO ELECTRICAL DRAWINGS.
 - EXISTING SECURITY SCANNERS AND ALL COMPONENTS TO BE REMOVED AND DISPOSED OF. REPAIR PENETRATIONS TO FLOOR SLAB AND PREPARE FOR NEW FINISH. MAKE GOOD ALL WORK. REFER TO ELECTRICAL DRAWINGS.
 - EXISTING GLAZING TO BE REMOVED AND DISPOSED OF. PATCH AND REPAIR SURFACE BELOW AS REQUIRED. PREPARE FOR MOUNTING OF NEW GLAZING.
 - EXISTING HANDRAIL TO BE REMOVED AND DISPOSED OF. REPAIR PENETRATIONS TO STAIRS.
 - EXISTING FLOOR DRAIN COVERS TO BE REMOVED AND DISPOSED OF. EXISTING FLOOR DRAINS TO REMAIN AND BE PROTECTED AT ALL TIMES. REFER TO MECH. DWGS.
 - EXISTING WATERLOST FIXTURES TO BE REMOVED AND DISPOSED OF. REFER TO MECH. DWGS FOR EXTENT OF PLUMBING REPLACEMENT.
 - EXISTING URINALS TO BE REMOVED AND DISPOSED OF. REFER TO MECH. DWGS FOR EXTENT OF PLUMBING REPLACEMENT.
 - EXISTING SINK TO BE REMOVED AND DISPOSED OF. REFER TO MECH. DWGS FOR EXTENT OF PLUMBING REPLACEMENT.
 - EXISTING WARDROOM PARTITIONS TO BE REMOVED AND DISPOSED OF. REPAIR PENETRATIONS TO FLOOR SLAB. MAKE GOOD ADJACENT SURFACES TO RECEIVE NEW FINISH.
 - EXISTING ACT. GRID, LIGHT FIXTURES, TO BE REMOVED AND DISPOSED OF. REFER TO ELEC. PLANS FOR DEVICES AND EXT BRIDGES. REFER TO MECH. DWGS FOR SPRINKLER HEADS AND OTHER MECHANICAL, VENTS AND FUTURES.
 - EXISTING BULKHEADS TO REMAIN AND BE PROTECTED. PREP FOR NEW PAINT PER COLOUR AND MATERIAL SCHEDULE.
 - EXISTING WALL TO REMAIN. PREP & CLEAN FOR NEW PAINT PER COLOUR & MATERIAL SCHEDULE.
 - EXISTING WALL MOUNTED LIBRARY DISPLAY TO BE CAREFULLY REMOVED AND STORED FOR REINSTALLATION. REINSTALL PER LOCATION ON RENOVATION ENLARGED PLAN.
 - EXISTING AREA OF FLOOR SLAB TO BE TRENCHED FOR ELECTRICAL (FOR EXTENT)
 - EXISTING FURNITURE, WALL MOUNTED TIME AND MILLWORK ON EXTERIOR WALL TO BE CAREFULLY REMOVED AND STORED. REFER TO RENOVATION PLANS FOR REINSTALLATION. GO TO CONFIRM IF REPLACEMENT IS REQUIRED.
 - EXISTING TILE AND ADHESIVE ON EXISTING CONCRETE CURB TO BE REMOVED AND DISPOSED OF. PREP AND CLEAN SURFACE TO RECEIVE NEW FINISH.
 - EXISTING ALUM. DOOR(S) TO BE CAREFULLY REMOVED FROM EXISTING ALUM. FRAME. EXISTING ALUM. FRAME TO REMAIN AND BE PROTECTED AT ALL TIMES. ALL HARDWARE TO BE REMOVED AND DISPOSED OF. REFER TO ELEC. DWGS.
 - EXISTING PAPER TOWEL DISPENSER, TOILET TISSUE HOLDER, AND SOAP DISPENSERS TO BE CAREFULLY REMOVED AND STORED. REFER TO RENOVATION PLANS FOR REINSTALLATION. GO TO CONFIRM IF REPLACEMENT IS REQUIRED.
 - EXISTING MIRROR(S), HAND DRYERS, SANITARY NAPKIN DISPOSAL RECEPTACLES, AND WASTE BINS TO BE REMOVED AND DISPOSED OF. NEW TO BE PROVIDED AS SPECIFIED. LOCATIONS PER RENOVATION PLANS. REFER TO ELECTRICAL DWGS FOR REMOVAL OF HAND DRYERS.

- GENERAL DEMOLITION NOTES:**
- ALL EXISTING ITEMS INDICATED ON DRAWINGS ARE APPROXIMATE ONLY AND ARE INDICATED AS ACCURATELY AS POSSIBLE FROM INFORMATION PROVIDED AND OBSERVATIONS ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL ITEMS PRIOR TO COMMENCEMENT OF DEMOLITION AND CONSTRUCTION ACTIVITIES.
 - ALL LOOSE FURNISHINGS, EQUIPMENT, COMPUTERS, PLANTS, WALL HANGINGS ETC. IN ALL AREAS OF WORK TO BE REMOVED BY THE CONTRACTOR AS PART OF THIS CONTRACT.
 - THE CONTRACTOR SHALL, TOGETHER WITH ANY OF THE SUBCONTRACTORS INVOLVED IN THE WORK OF THIS CONTRACT, EXAMINE ALL SURFACES OR CONDITIONS OF SUCH SURFACES OR CONDITIONS FOR THE WORK TO BE COMPLETED. SUCH AN EXAMINATION AND OBSERVATION OF THE WORK SHALL IMPLY ACCEPTANCE OF ALL SURFACE AND CONDITIONS.
 - CUTTING AND PATCHING FLOOR SLAB TO BE SCANNED AS PER SPECIFICATIONS PRIOR TO ANY CUTTING. REMOVE EXISTING CONDITIONS INCLUDING ELEMENTS SUBJECT TO DAMAGE OR MOVEMENT DURING CUTTING AND PATCHING. AFTER UNCOVERING, INSPECT ALL EXISTING EXISTING PERFORMANCE OF WORK. BEGINNING OF WORK MEANS ACCEPTANCE OF CONDITIONS. ALL CUTTING AND PATCHING WORK SHALL BE DONE UNDER THE SUPERVISION OF THE CONTRACTOR.
 - REFER TO MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ALL EXISTING MECHANICAL AND ELECTRICAL SERVICE DISCONNECTIONS, DEMOLITION AND ALTERNATIONS.
- PAINTING:**
REPAIR & CLEAN EXISTING WALLS & MAKE READY FOR NEW WALL FINISH.
- CEILING:**
ALL LIGHT FIXTURES, MECHANICAL & ELECTRICAL EQUIPMENT AND DEVICES THAT ARE LOCATED IN CEILING SCHEDULED FOR REMOVAL ARE TO BE TERMINATED, REMOVED OR RELOCATED PER THE APPROPRIATE MECHANICAL OR ELECTRICAL DESIGN BY OTHERS.
- FOUNDATIONS:**
DO NOT DISTURB EXISTING CONCRETE SLAB ON GRADE OR EXISTING FOUNDATIONS. REINSTATE & MAKE GOOD EXISTING BASES UNDER EDGE OF EXISTING SLAB. PROVIDE NEW BASES AS REQUIRED. CONTACT BASES TO MECH. DWGS.
- FLOORING:**
REFER TO MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ALL EXISTING MECHANICAL AND ELECTRICAL SERVICE DISCONNECTIONS, DEMOLITION AND ALTERNATIONS.
- LEGEND:**
- HATCH DENOTES EXISTING TO REMAIN
 - PORTIONS OF EXISTING WALL SYSTEMS TO BE REMOVED TO EXTENT INDICATED. REMOVE FULL HEIGHT OR AS INDICATED & PROVIDE STRUCTURAL SUPPORT AS REQUIRED. PATCH & MAKE GOOD ALL WORK. REFER TO DISCRETE SUBSTRATE REMOVAL NOTES FOR REMOVAL OF EXISTING WALL SYSTEMS.
 - INDICATES EXISTING DOORS & FRAMES TO BE REMOVED. REPAIR & MAKE GOOD EXISTING JAMBS TO REMAIN. SEE PLANS FOR LOCATIONS.
 - INDICATES EXISTING SCREEN & FRAME TO BE REMOVED. REPAIR & MAKE GOOD EXISTING JAMBS TO REMAIN. SEE PLANS FOR LOCATIONS.
 - INDICATES EXISTING FLOOR SLAB TO BE REMOVED FOR MECHANICAL WORK. REPAIR & MAKE GOOD LEVELS TO MATCH EXISTING.
 - INDICATES EXISTING FLOOR FINISH AND BASE TO BE REMOVED. PATCH AND MAKE GOOD TO RECEIVE NEW FINISH.

1 Level 1 Floor Plan - Demolition
A202 1:150

No.	Revision	Date
5	Issued for Tender	2026 05 01
4	Issued for 50% CD	2026 05 17
3	Issued for Building Permit	2026 05 17
2	Issued for 75% CD	2026 02 27
1	Issued for Class 0 Costing	2026 01 09



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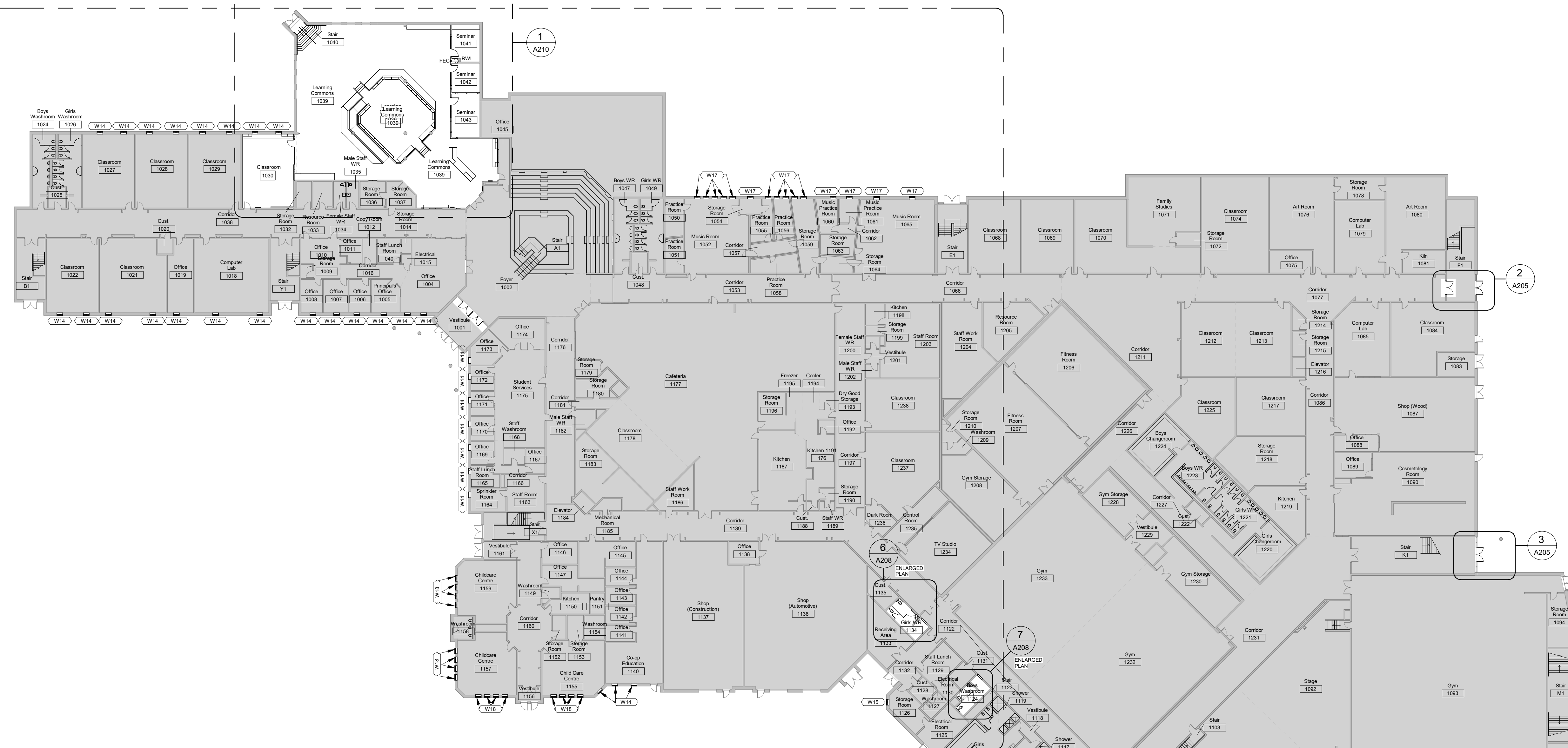
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Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

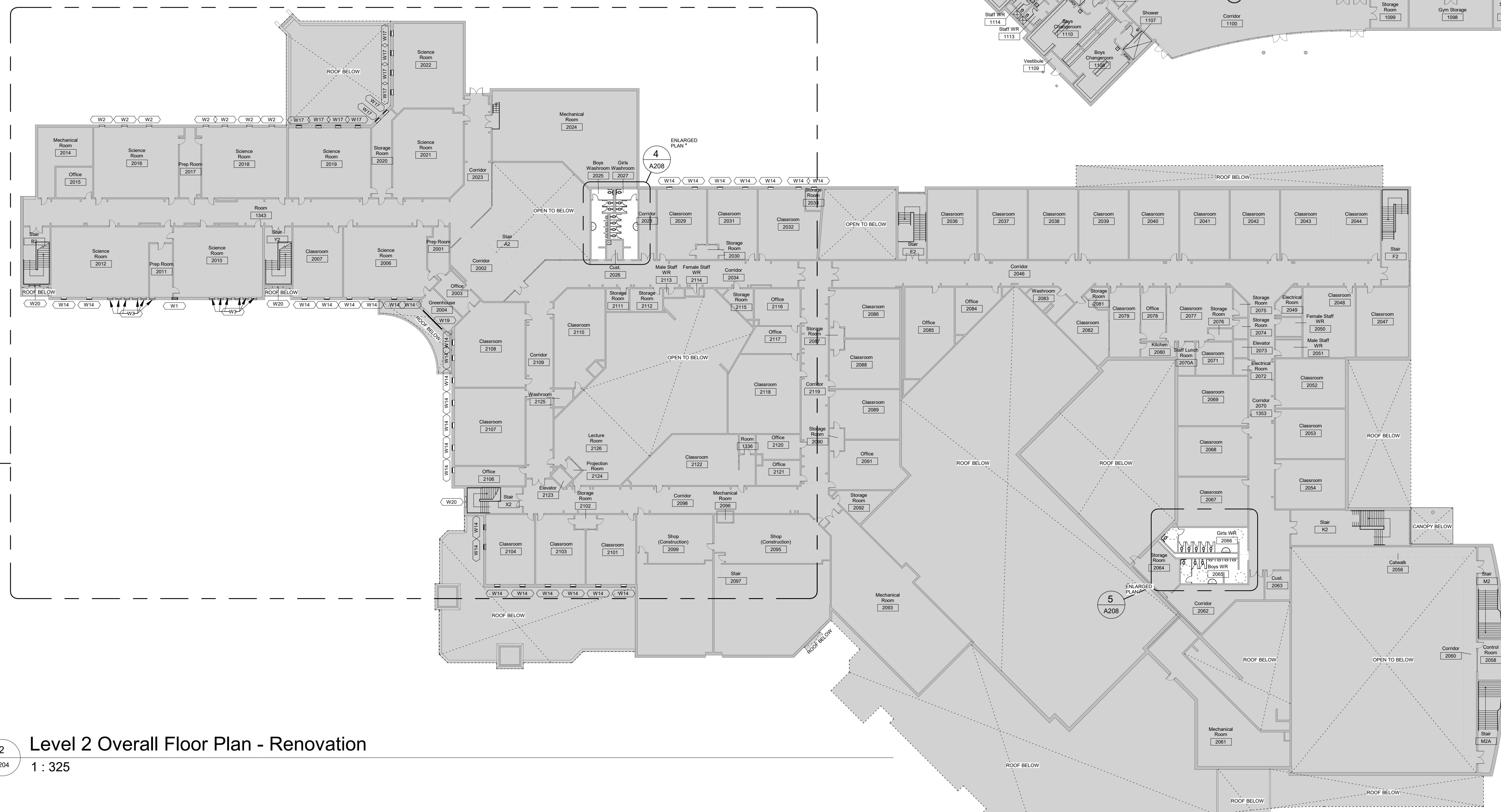
For
Hamilton-Wentworth District School Board

Drawing Title
Level 1 Floor Plan - Demolition

Date: 2026.05.01 Project No: 25019 Drawing No: A202
Drawn by: EL
Scale: As indicated

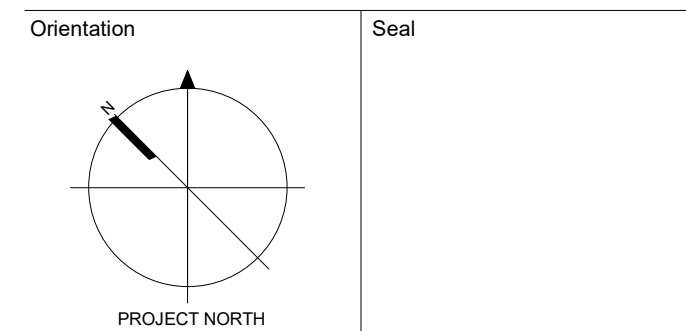


1
A204
Level 1 Overall Floor Plan - Renovation
1 : 325



2
A204
Level 2 Overall Floor Plan - Renovation
1 : 325

No.	Revision	Date
1	Issued for Tender	2026 05 01
2	Issued for 50% CD	2026 05 17
3	Issued for Building Permit	2026 05 17
4	Issued for 75% CD	2026 02 27
5	Issued for Case O Costing	2026 01 09



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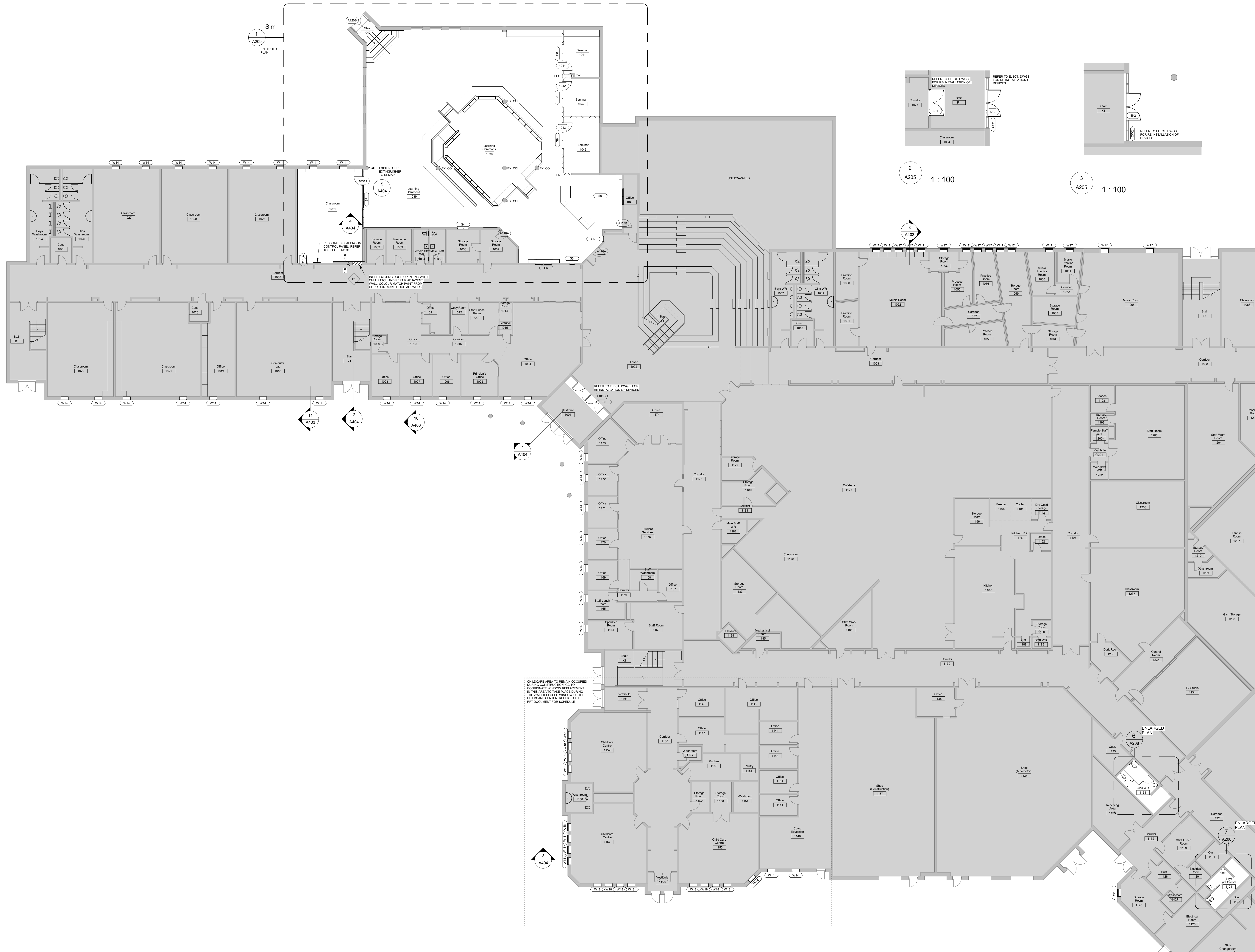
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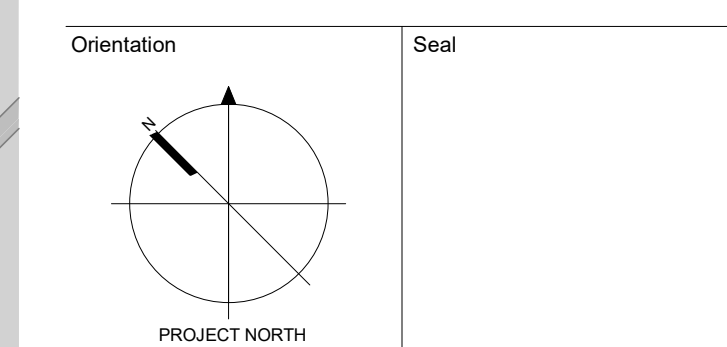
Project Information
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 For Hamilton-Wentworth District School Board

Drawing Title		
Date	2026.05.01	Project No
Drawn by	EL	25019 A204
Scale	1 : 325	Drawing No



No.	Revision	Date
1	Issued for Case O Costing	2008.01.09
2	Issued for 75% CD	2008.02.27
3	Issued for Building Permit	2008.03.17
4	Issued for 50% CD	2008.05.17
5	Issued for Tender	2008.05.01

No.	Revision	Date
1	Issued for Case O Costing	2008.01.09
2	Issued for 75% CD	2008.02.27
3	Issued for Building Permit	2008.03.17
4	Issued for 50% CD	2008.05.17
5	Issued for Tender	2008.05.01



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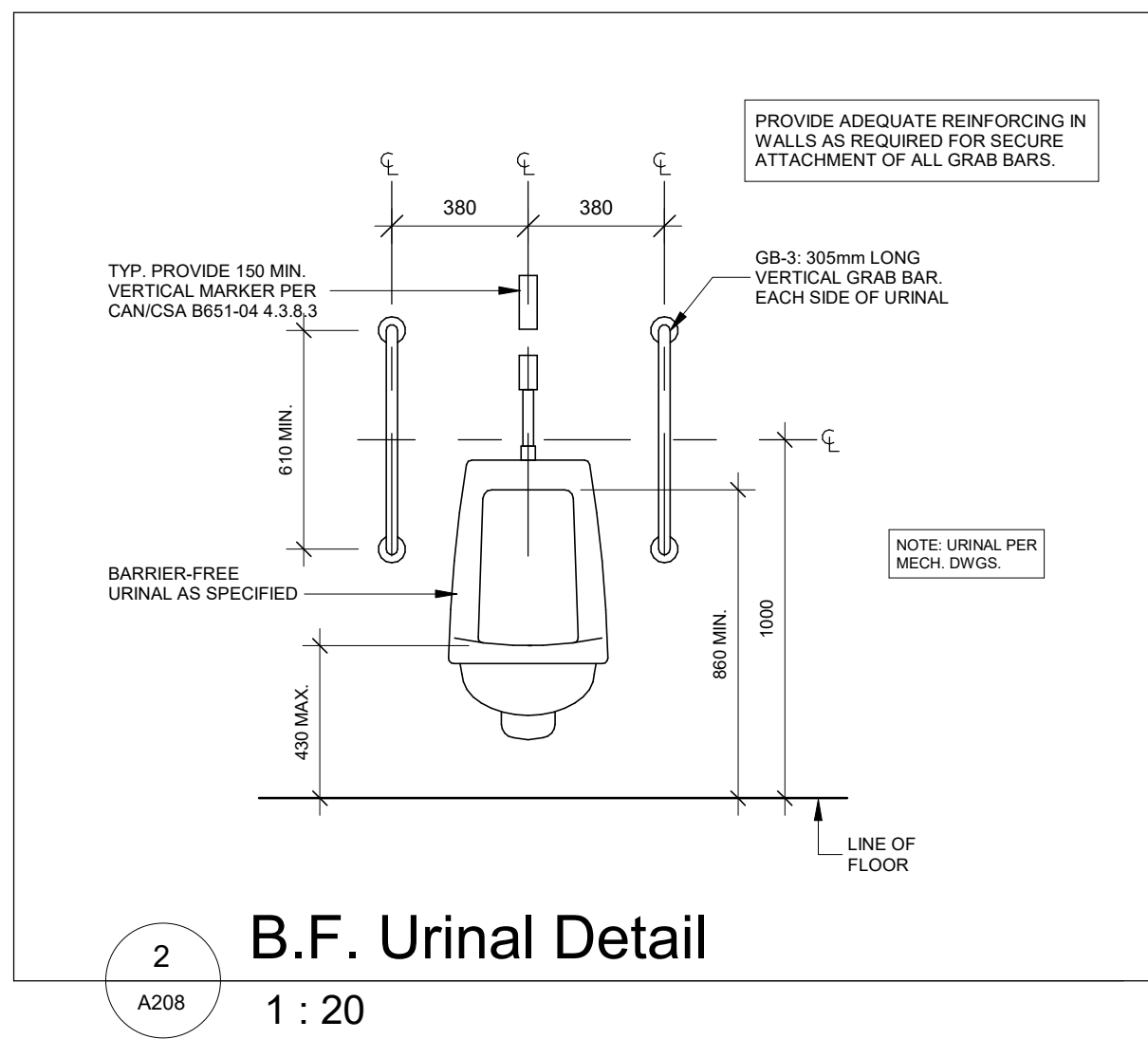
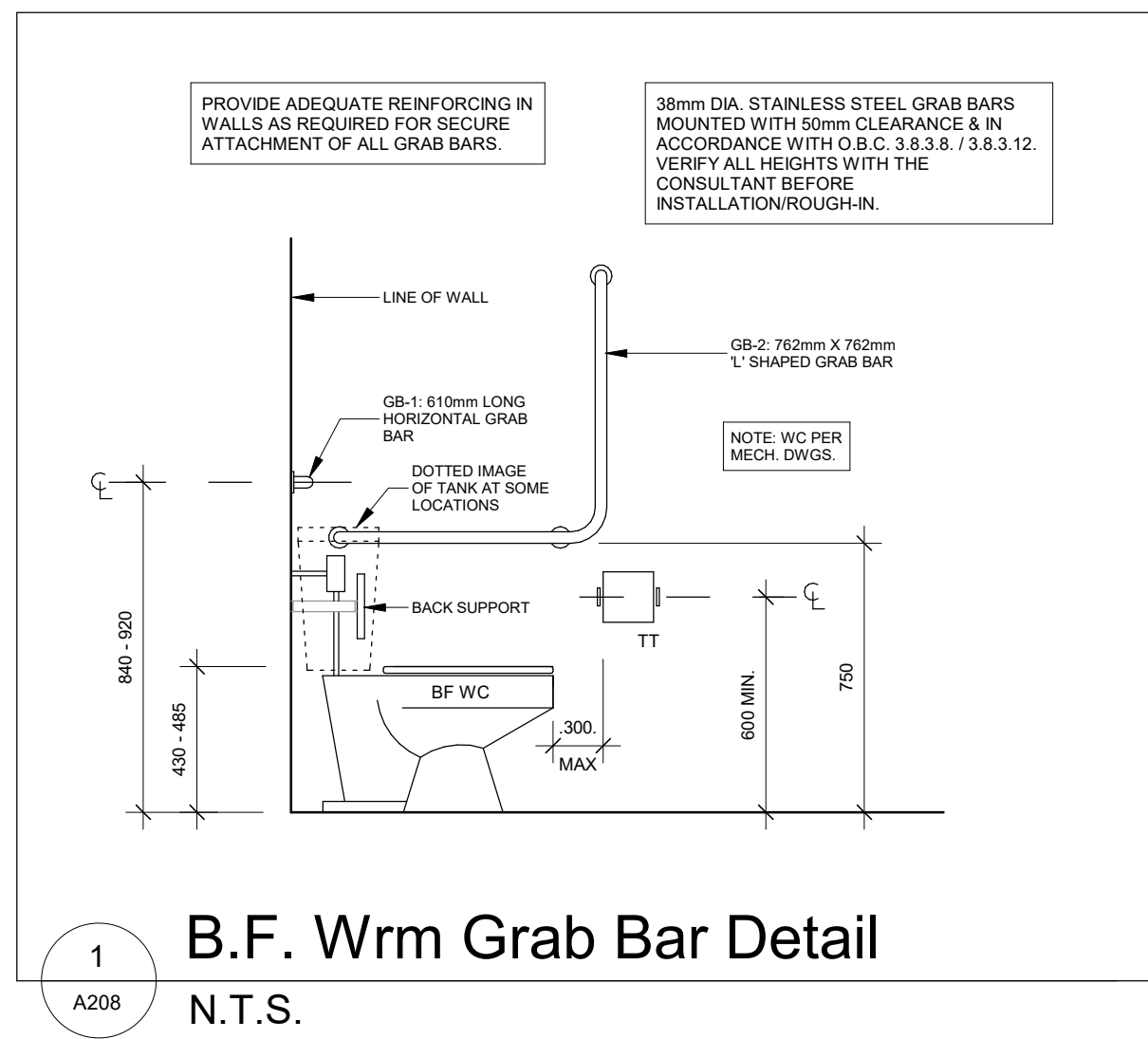
Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

For Hamilton-Wentworth District School Board
Drawing Title **Level 1 Floor Plan - Renovation**

Date	2026.05.01	Project No	Drawing No
Drawn by	EL	25019	A205
Scale	As indicated		

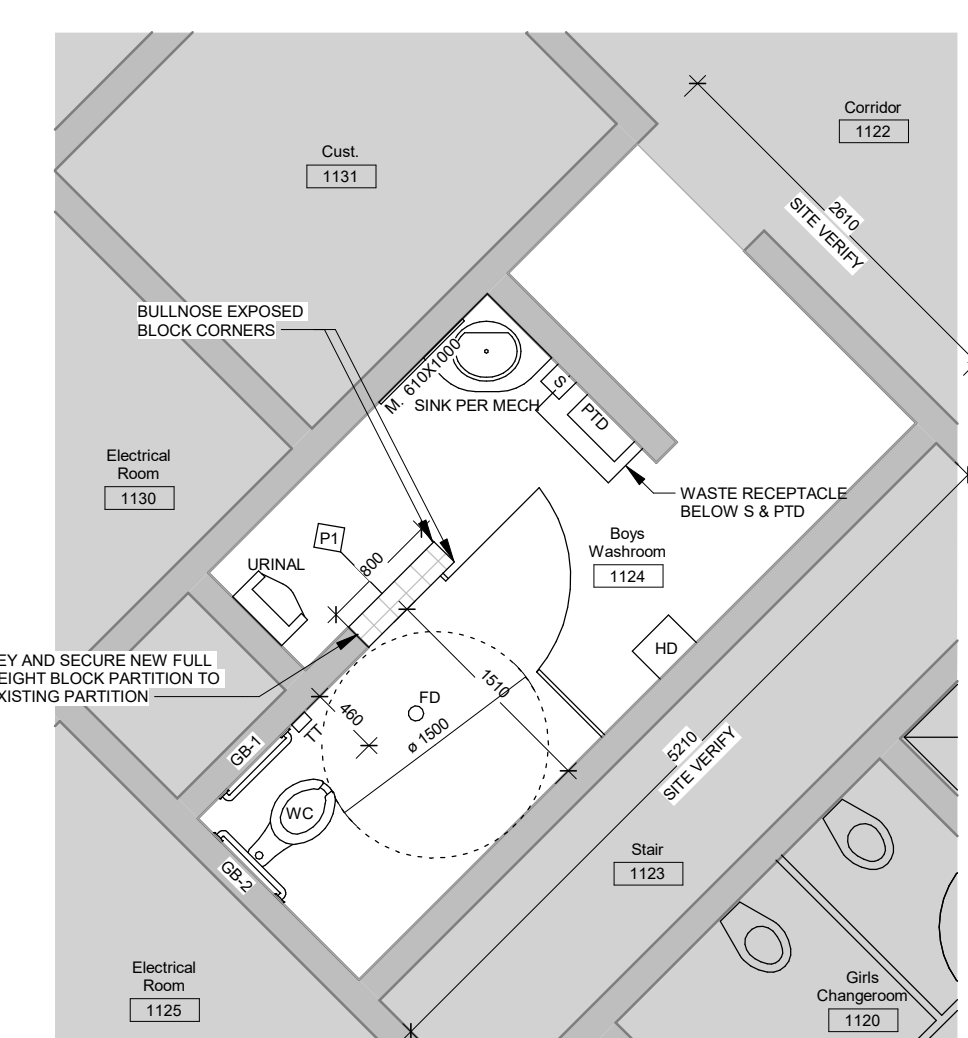
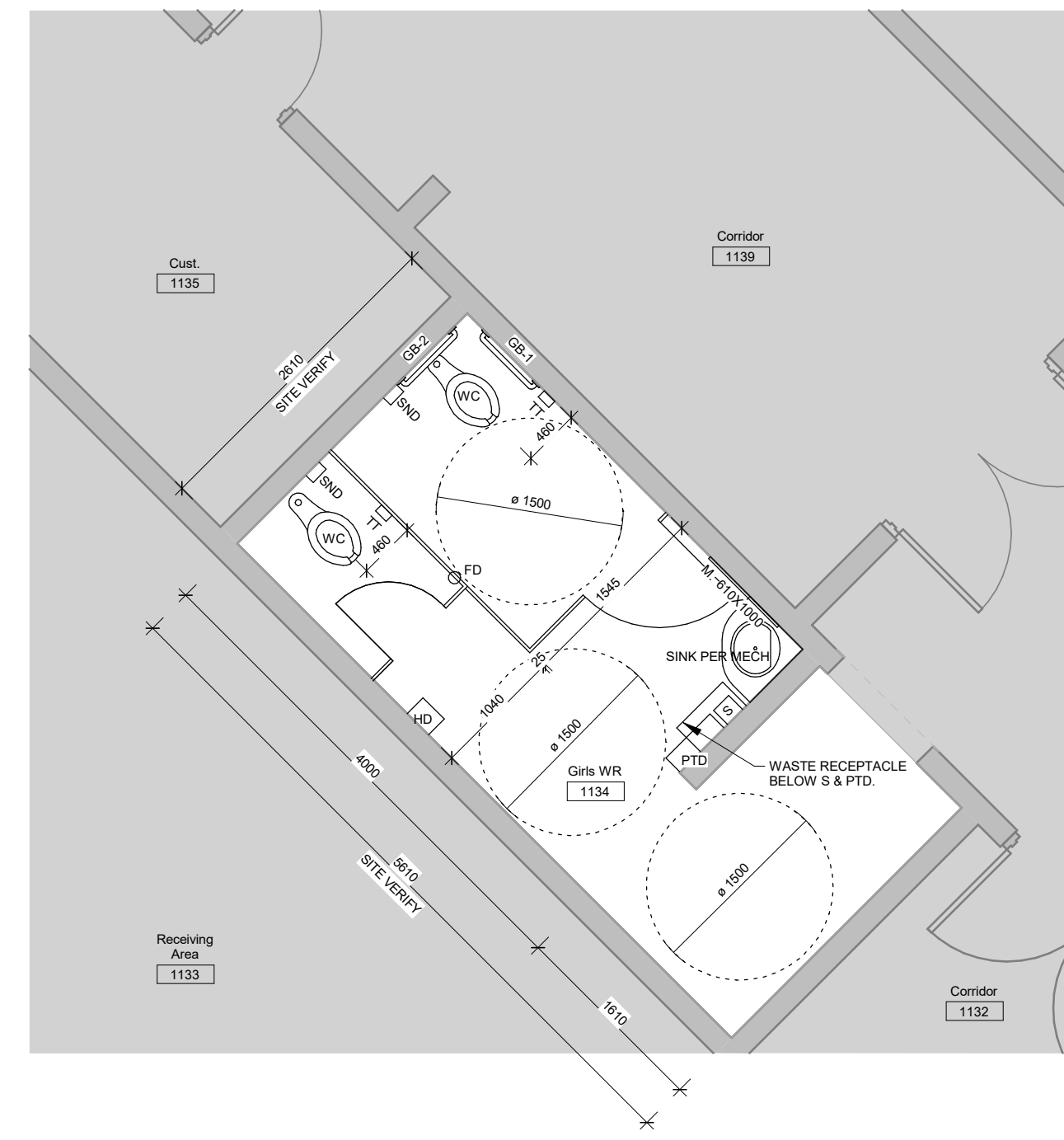
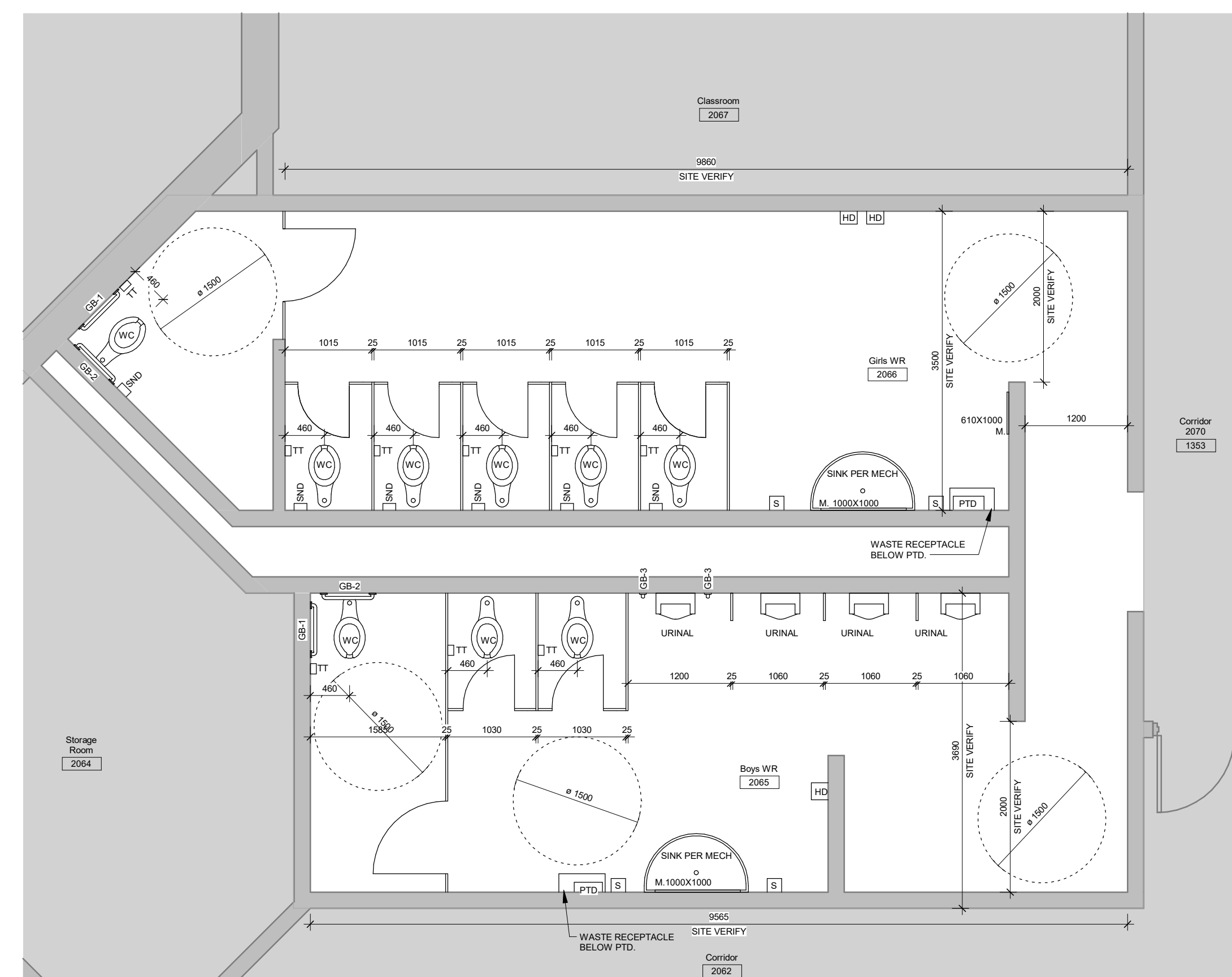
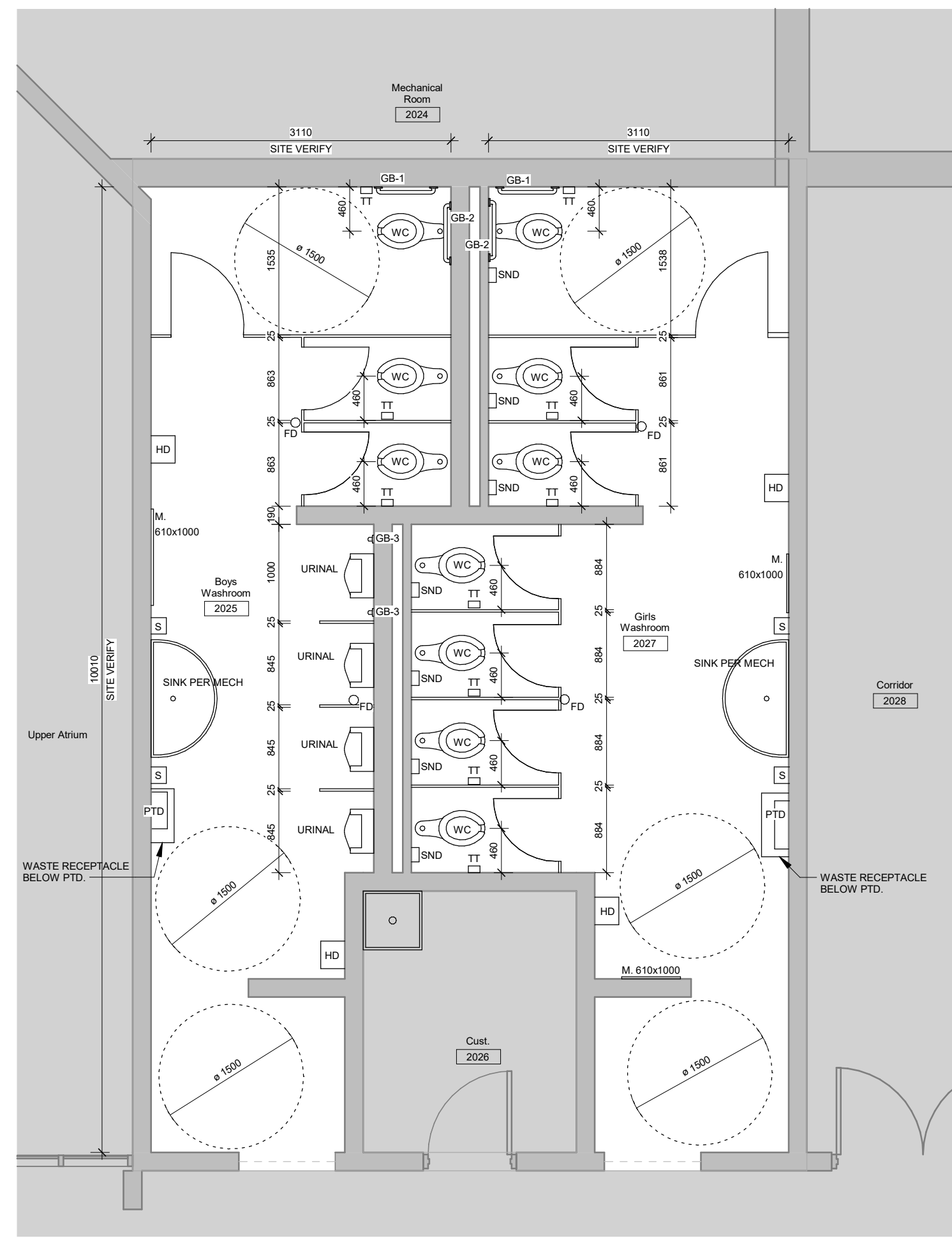
1 A205 Level 1 Floor Plan - Renovation
1 : 150

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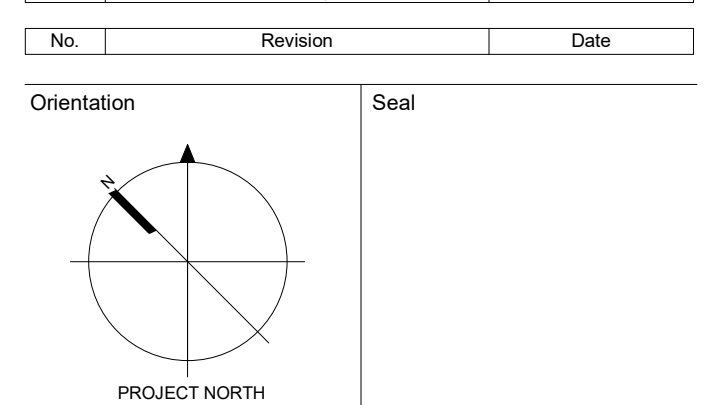


3 Barrier Free Mounting Heights
1 : 20

MOUNTING HEIGHT	TOP OF WC		URINAL RIM	TOP OF LAVATORY	SINKS AND OTHER CONTROLS	THERMOSTAT AND MANUAL FULL CONTROLS	HAND DRIVES	WC ACCESSIBLE (EXCLUDING GRAB BARS) (MAXIMUM ABOVE OCCUPANT)	COUNT TOPS
	MIN. 400	MAX. 485							
FINISHED FLOOR									



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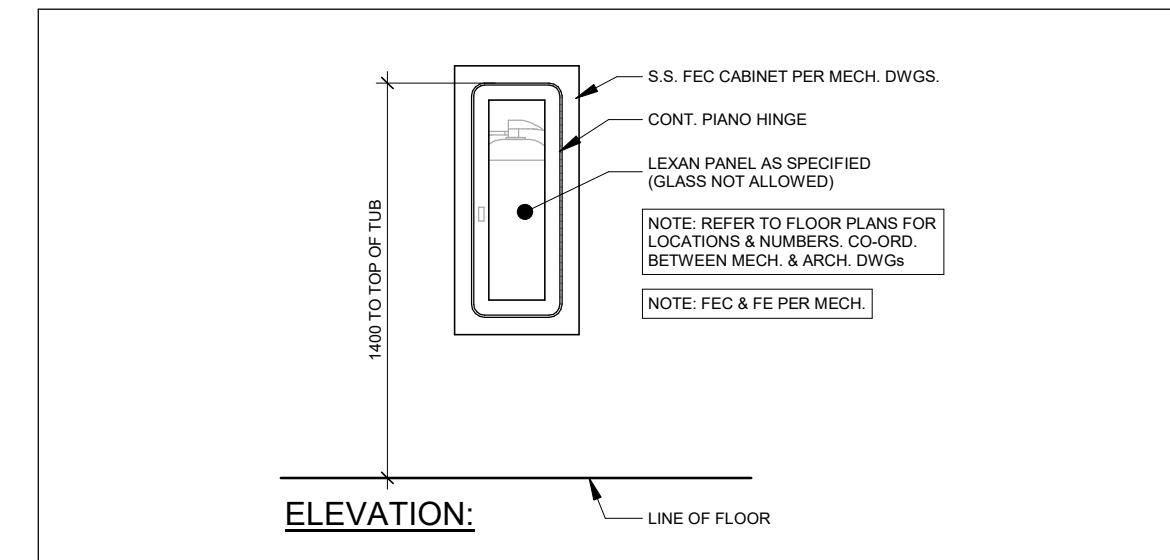
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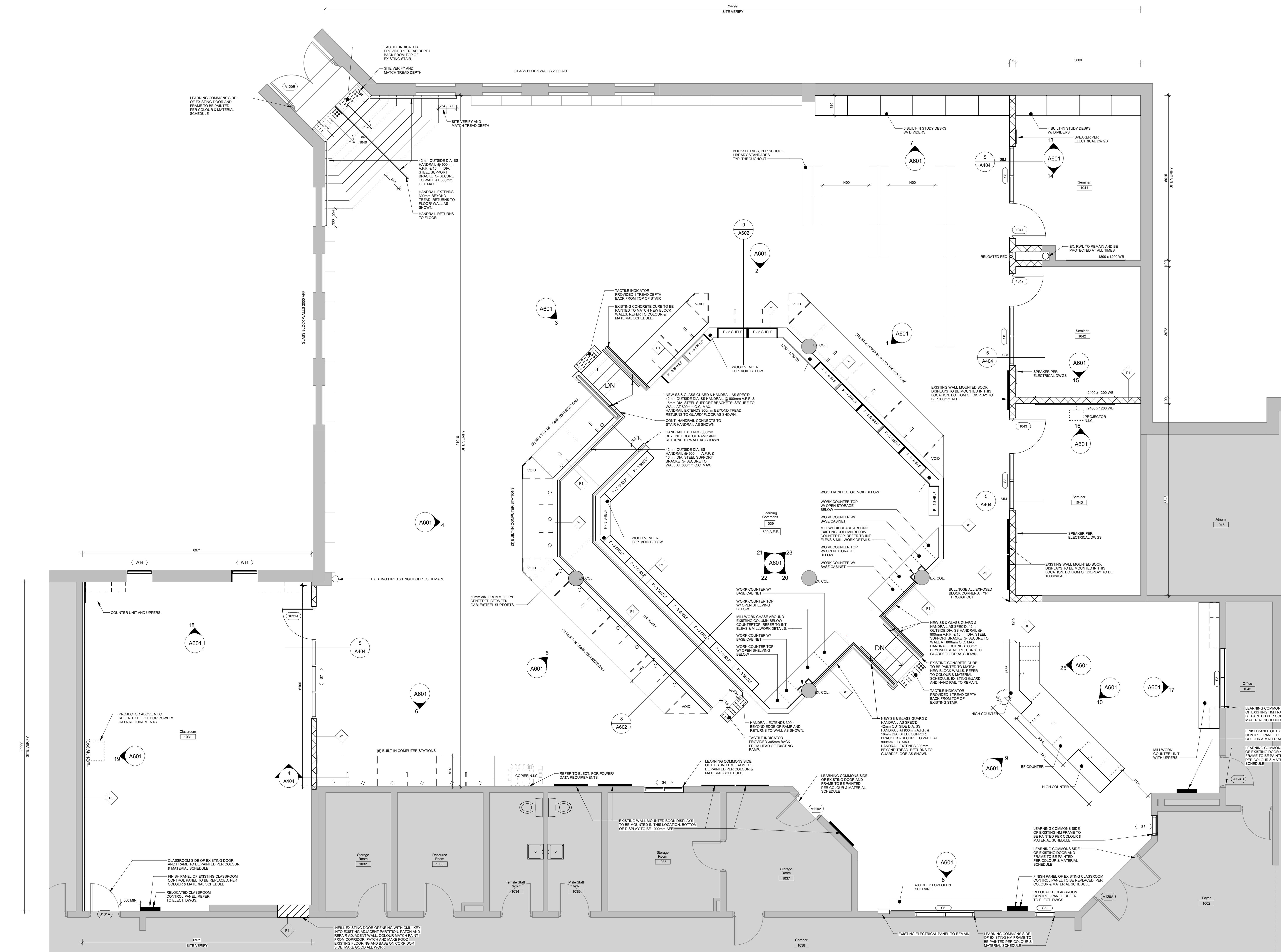
For
Hamilton-Wentworth District School Board

Drawing Title
Enlarged Plans - Washrooms

Date	2026.05.01	Project No	25019	Drawing No	A208
Drawn by	EL				
Scale	As indicated				

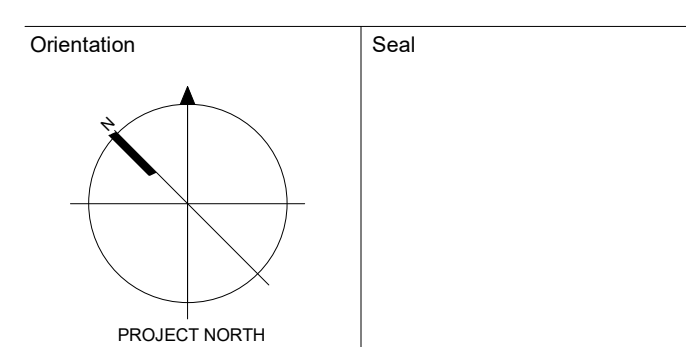


2
A209
Fire Extinguisher Cabinet Detail
1 : 20



1
A209
Enlarged Learning Commons
1 : 50

No.	Revision	Date
4	Issued for Tender	2008 05 01
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2	Issued for Building Permit	2008 03 17
1	Issued for 75% CD	2008 02 27



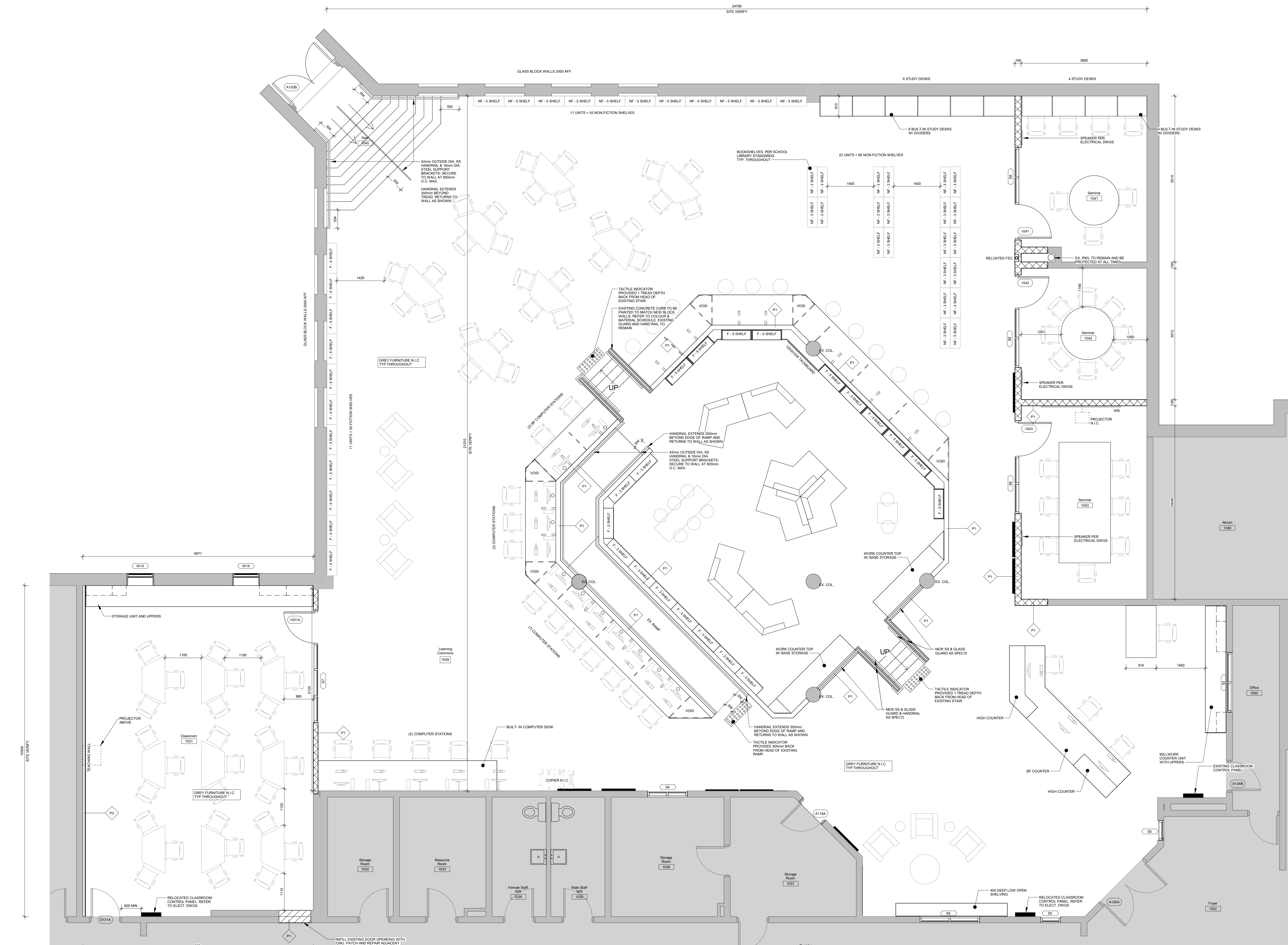
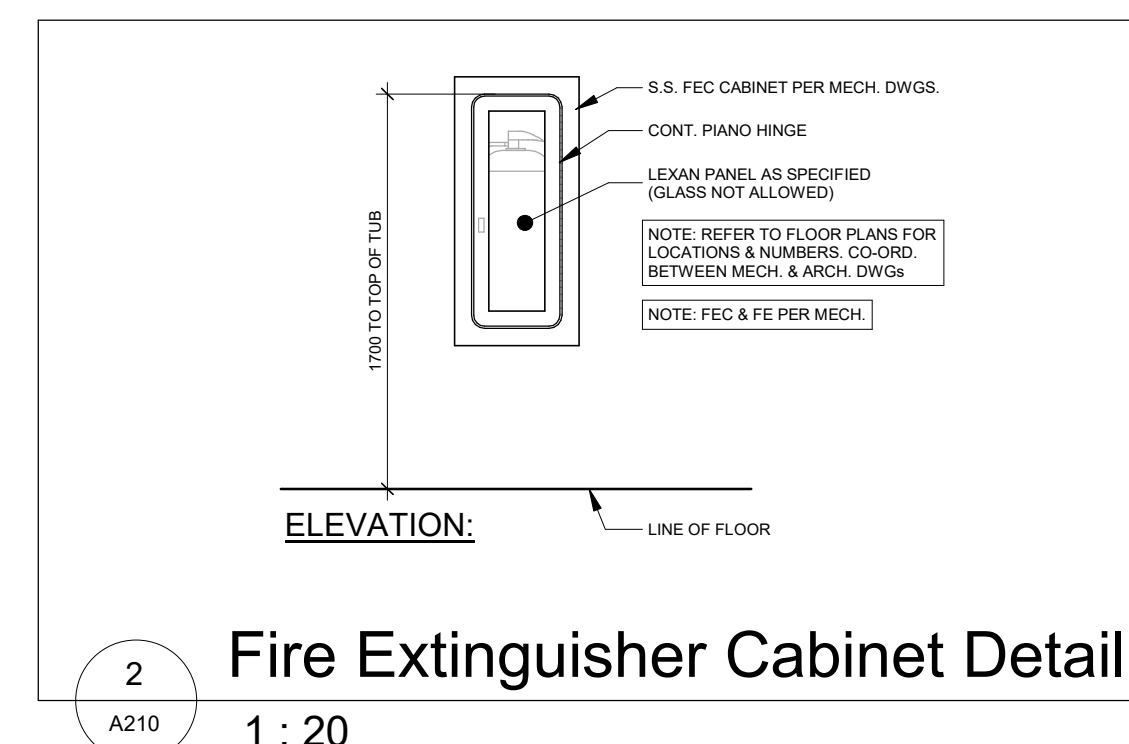
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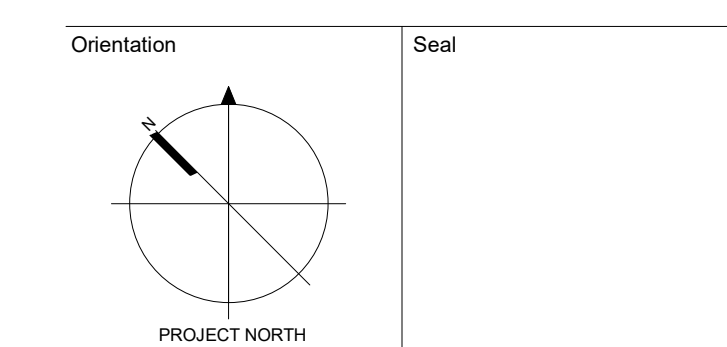
Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

Date	2026.05.01	Project No	Drawing No
Drawn by	EL	25019	A209
Scale	As indicated		



1 Learning Commons - Option 2 Copy 1
A210 1 : 50

No.	Revision	Date
3	Issued for Tender	2026.05.01
2	Issued for 95% CD	2026.03.17
1	Issued for 75% CD	2026.02.27



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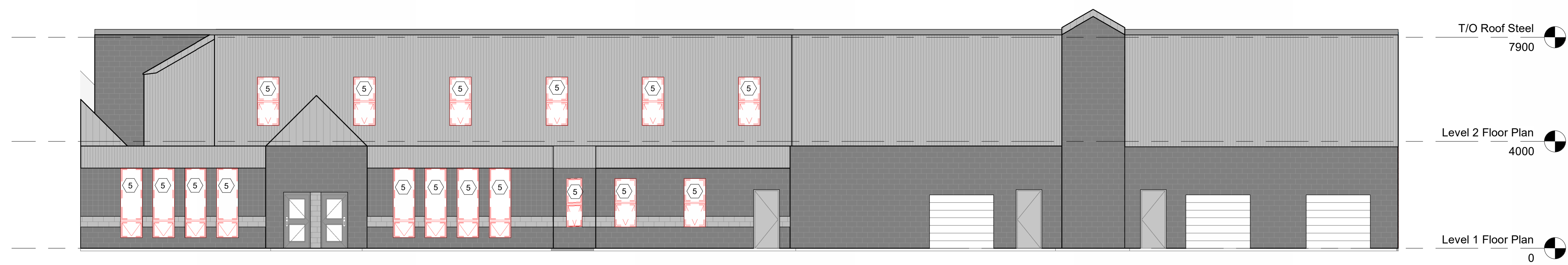
Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

For
Hamilton-Wentworth District School Board

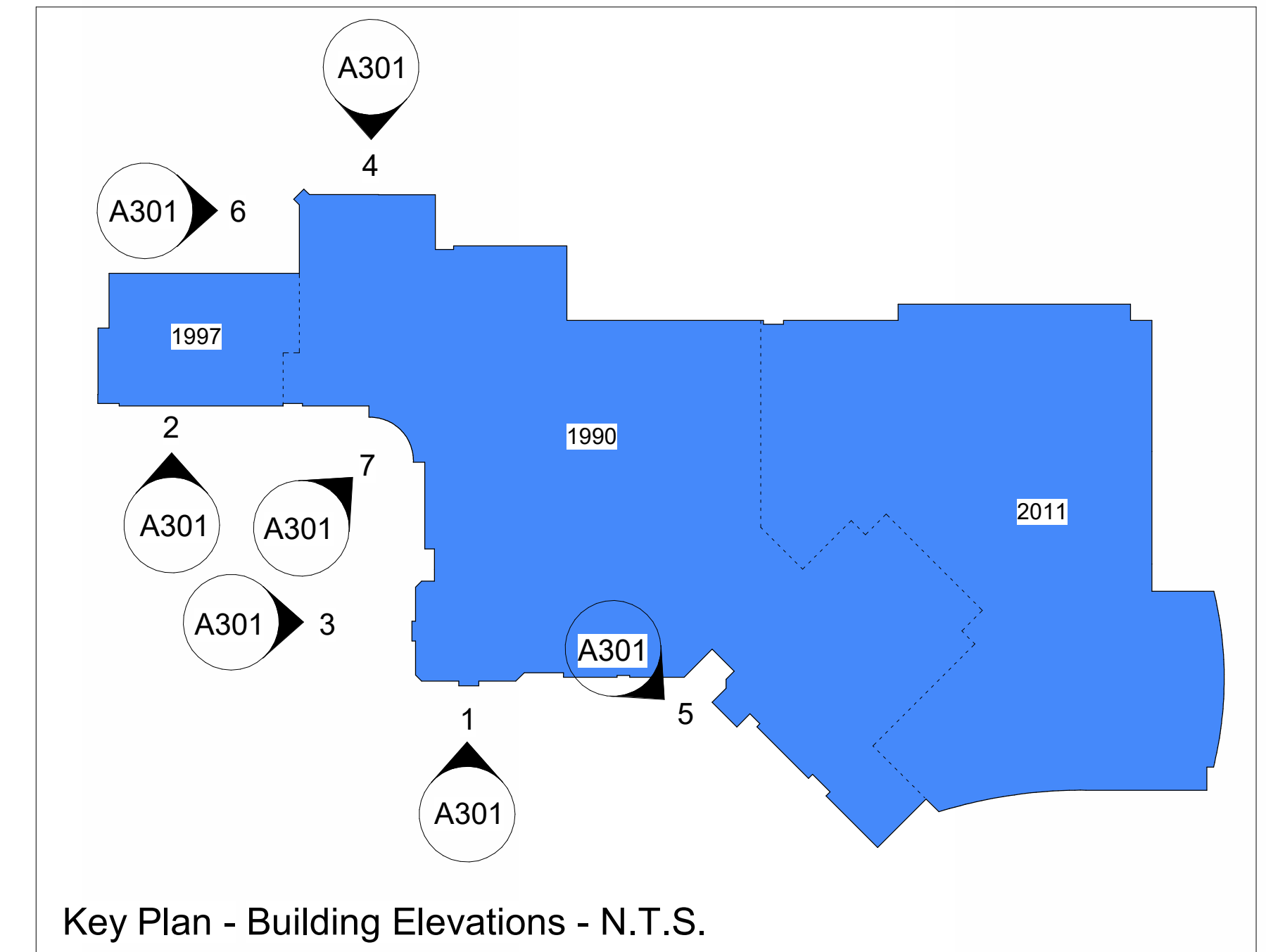
Drawing Title
Enlarged Plan - Learning Commons Furniture Plan

Date	2026.05.01	Project No	25019	Drawing No	A210
Drawn by	EL				
Scale	As indicated				

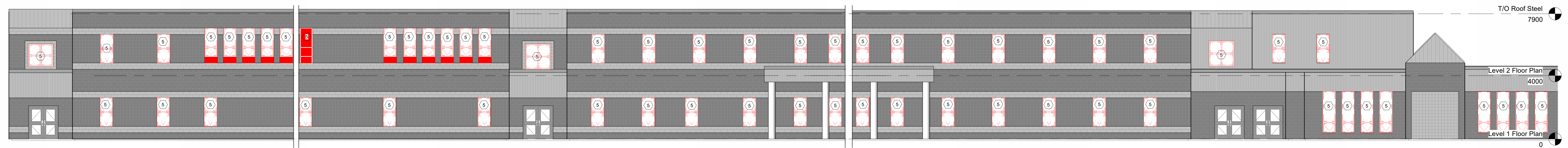
A:\docs\25019 - Waterdown Highschool Renovations\25019 - Waterdown Highschool Renov. R24.rvt
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1 Partial South Elevation - Demolition
1 : 100

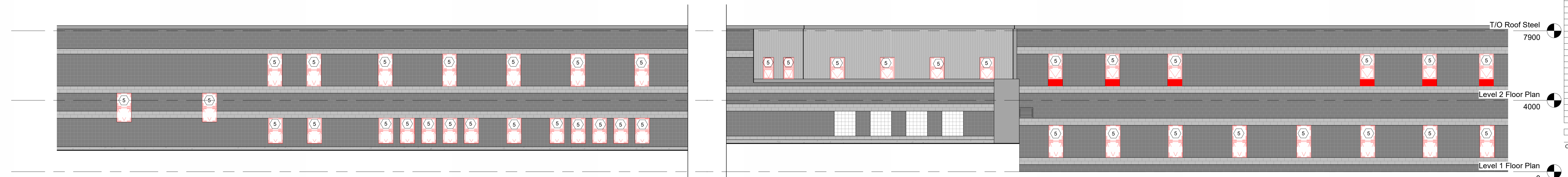


Key Plan - Building Elevations - N.T.S.

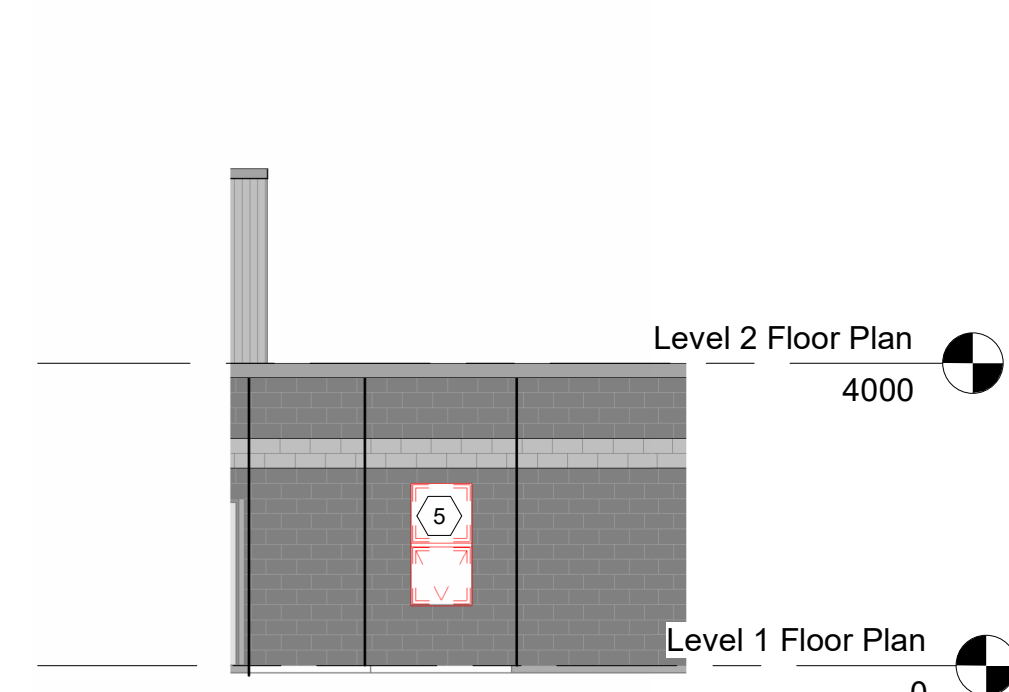


2 Partial South Elevation - Main Entrance - Demolition
1 : 100

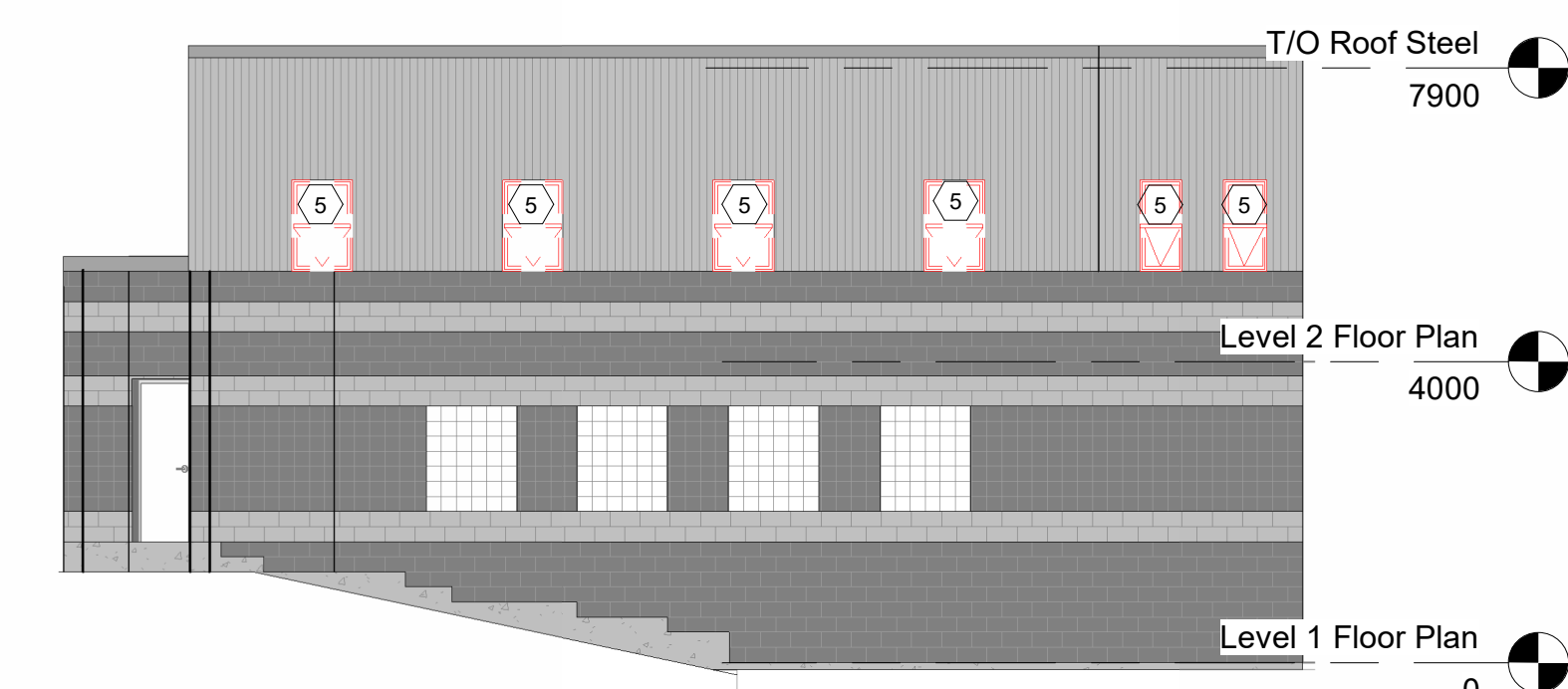
3 Partial West Elevation - Main Entrance - Demolition
1 : 100



4 Partial North Elevation - Demolition
1 : 100



5 Partial Elevation - Demolition
1 : 100

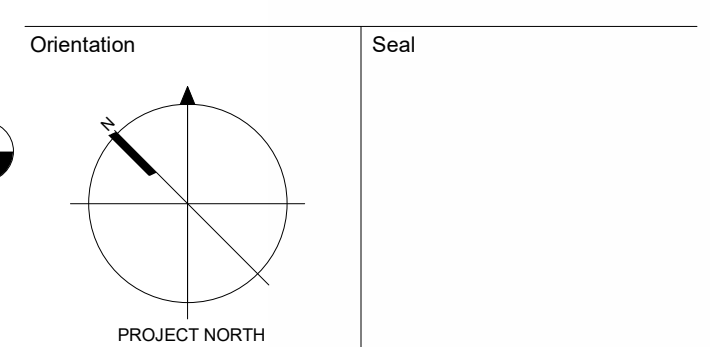


6 Partial West Elevation - Demolition
1 : 100



7 Partial Elevation - Main Entrance - Demolition
1 : 100

No.	Revision	Date
5	Issued for Tender	2026.05.01
4	Issued for 50% CD	2026.03.17
3	Issued for Building Permit	2026.03.17
2	Issued for 75% CD	2026.02.27
1	Issued for Class O Costing	2026.01.09



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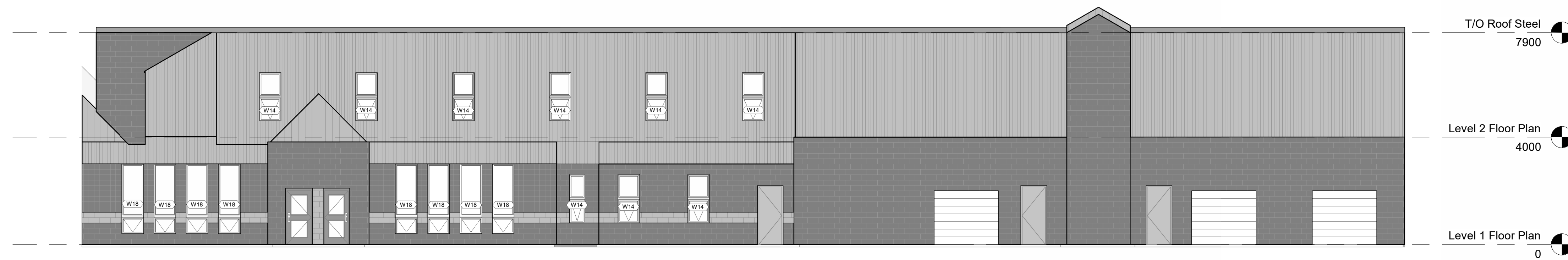
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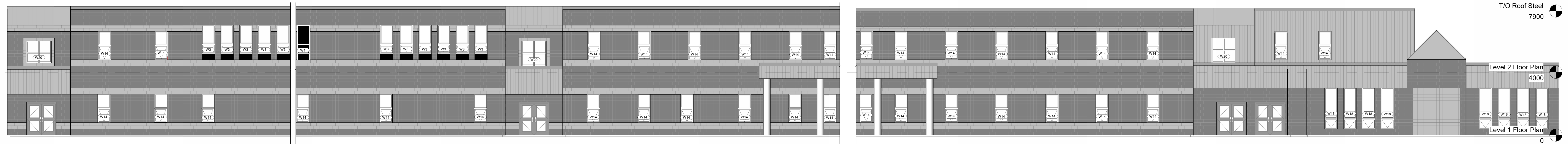
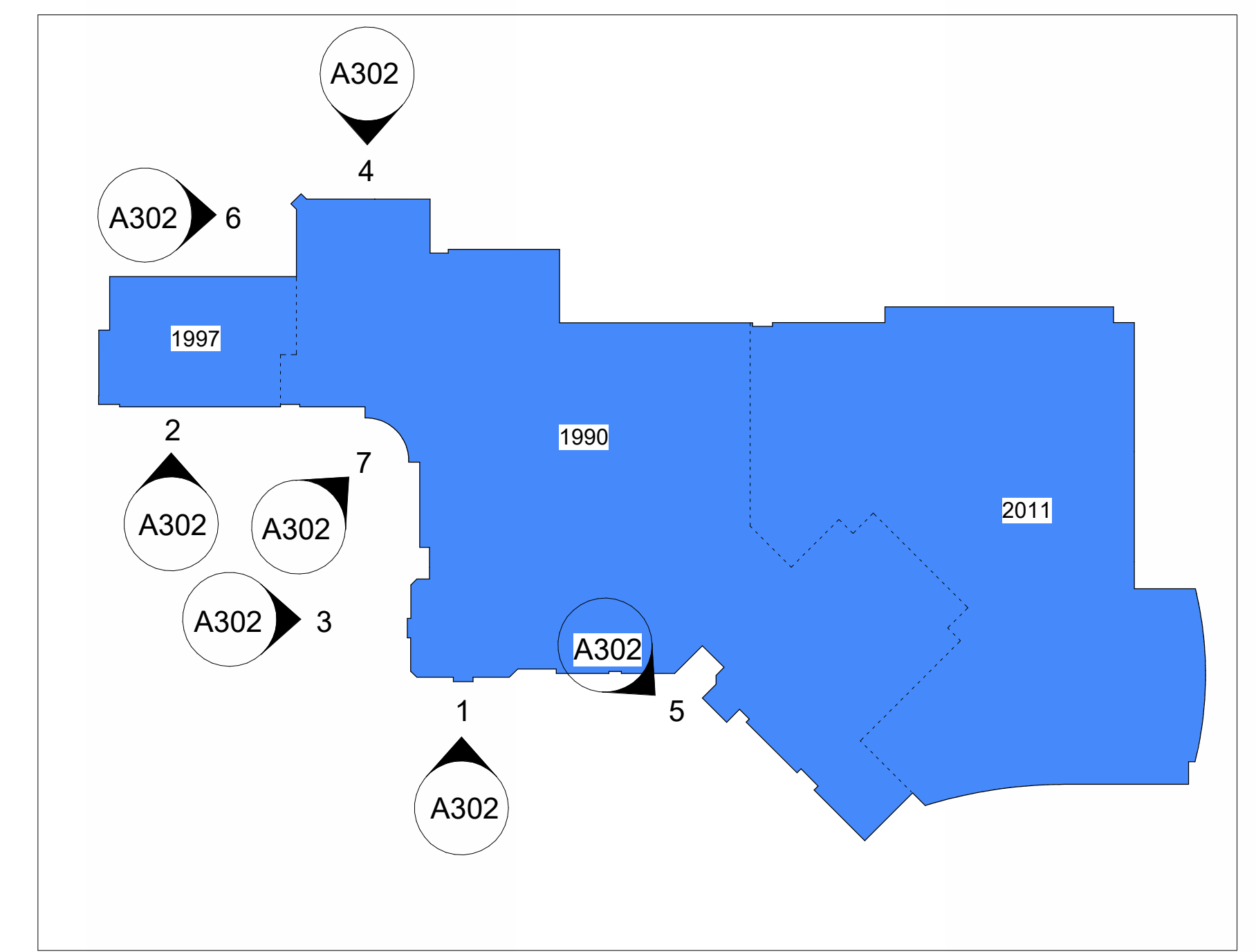
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Project Information		
Waterdown Highschool Renovation		
Hamilton Planning # DA-24-058 215 Parkside Dr. Waterdown, Ontario		
For Hamilton-Wentworth District School Board		
Drawing Title Building Elevations - Demolition		
Date 2026.05.01	Project No 25019	Drawing No A301
Drawn by EL		
Scale As indicated		

Autodesk Docs/25019 - Waterdown Highschool Renovations/25019 - Waterdown Highschool Renovation - R24.rvt
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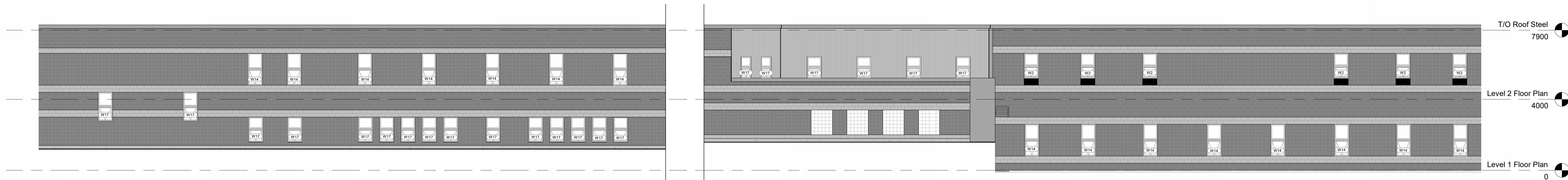


1 Partial South Elevation - Renovation
1 : 100



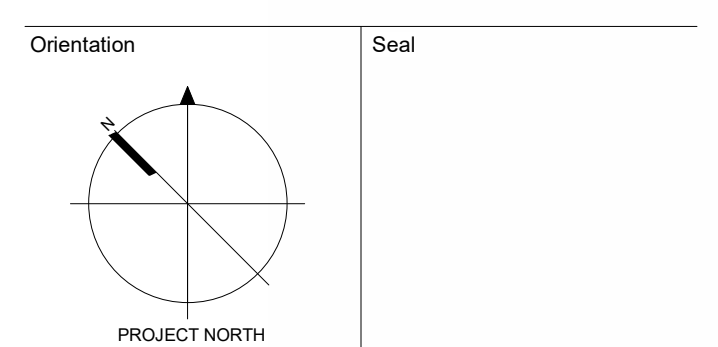
2 Partial South Elevation - Main Entrance - Renovation
1 : 100

3 Partial West Elevation - Main Entrance - Renovation
1 : 100



4 Partial North Elevation - Renovation
1 : 100

No.	Revision	Date
5	Issued for Tender	2026 05 01
4	Issued for 50% CD	2026 03 17
3	Issued for Building Permit	2026 03 17
2	Issued for 75% CD	2026 02 27
1	Issued for Class O Costing	2026 01 09



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Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

For
Hamilton-Wentworth District School Board

Drawing Title
Building Elevations - Renovation

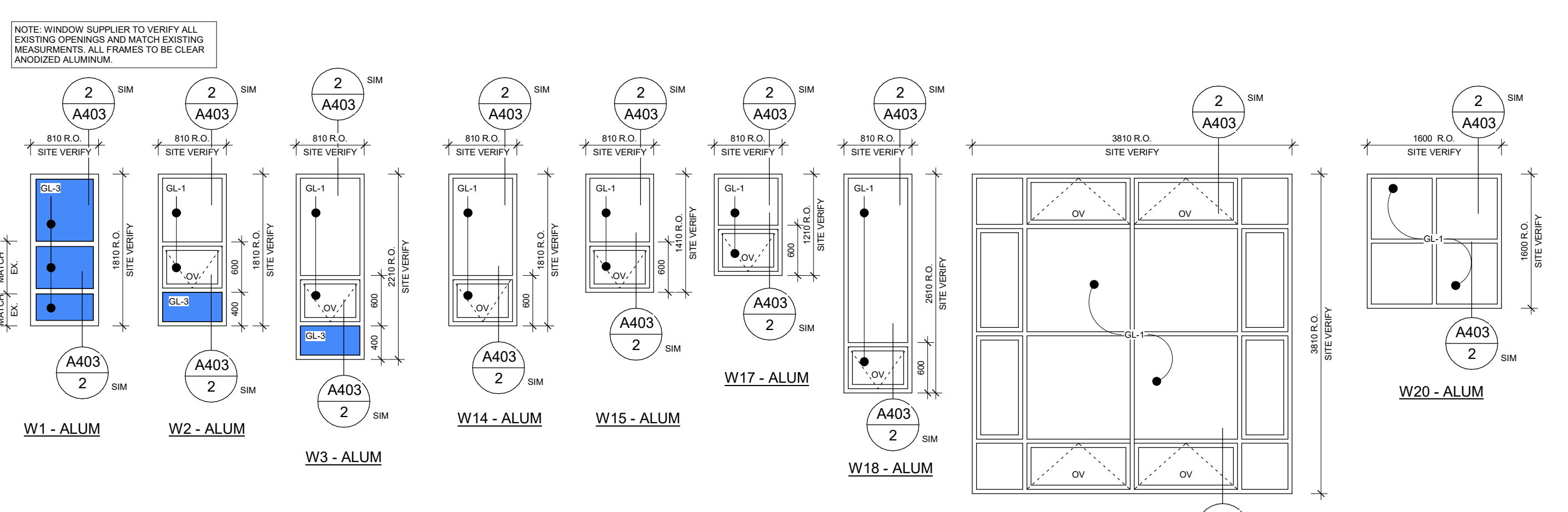
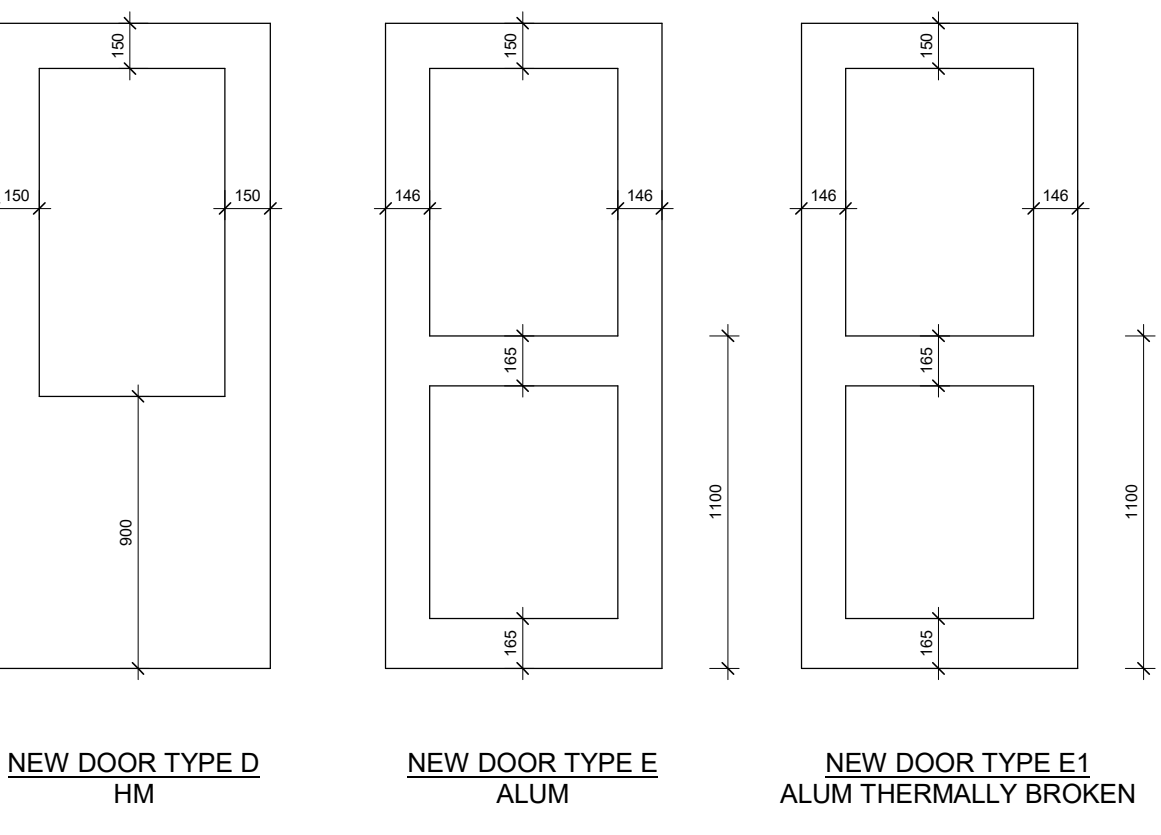
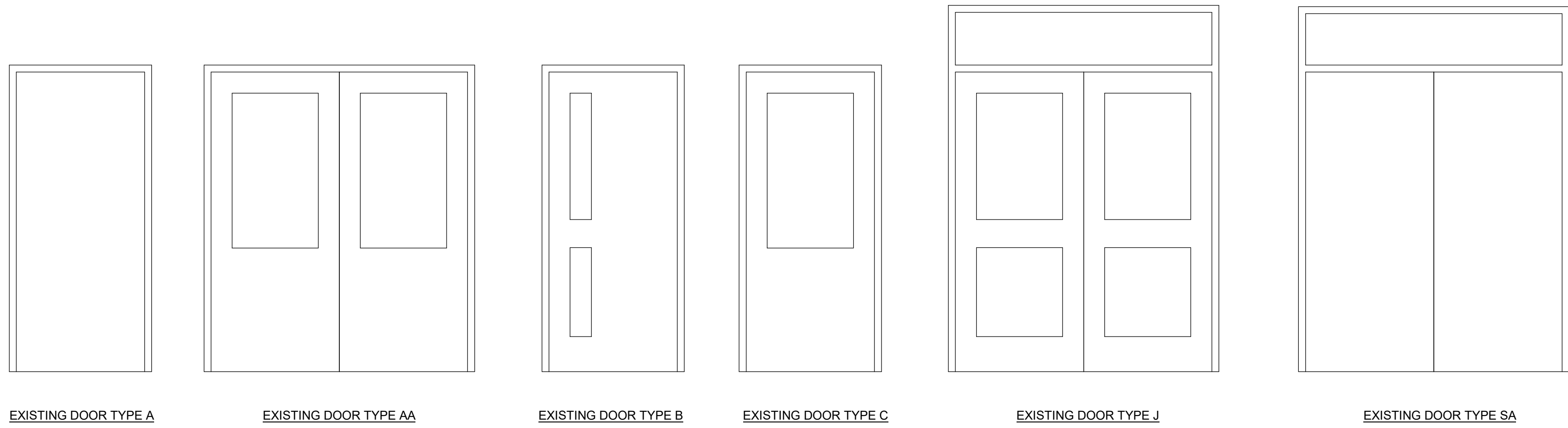
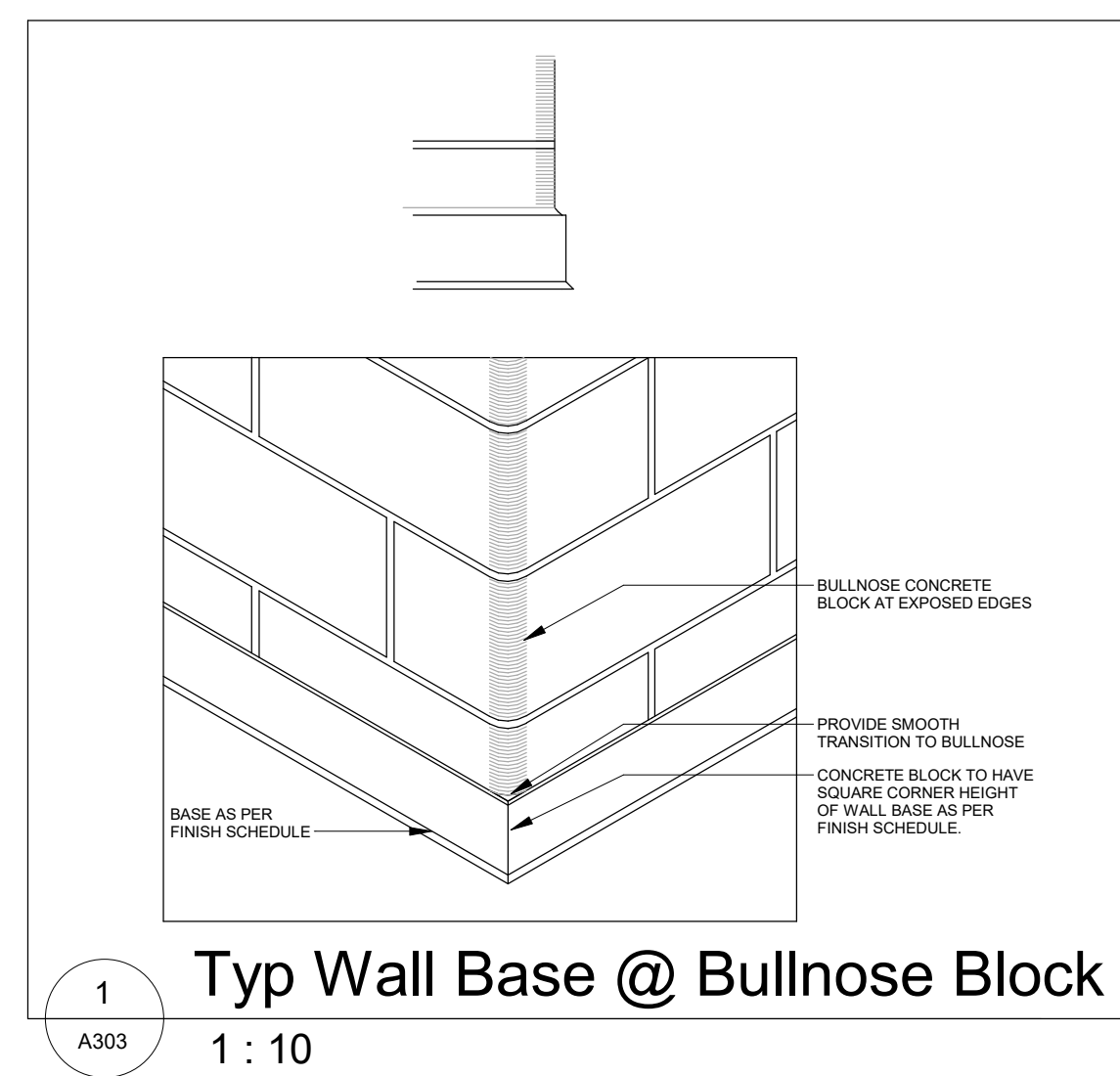
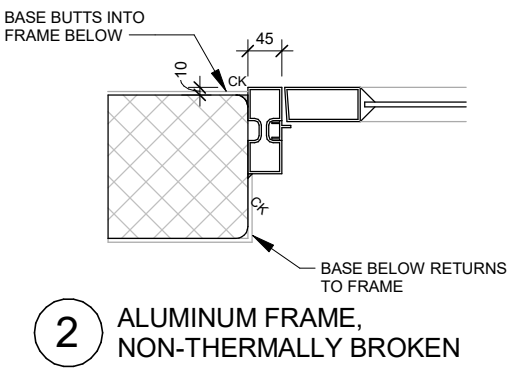
Date	2026.05.01	Project No	25019	Drawing No	A302
Drawn by	EL				
Scale	As indicated				

5 Partial Elevation - Renovation
1 : 100

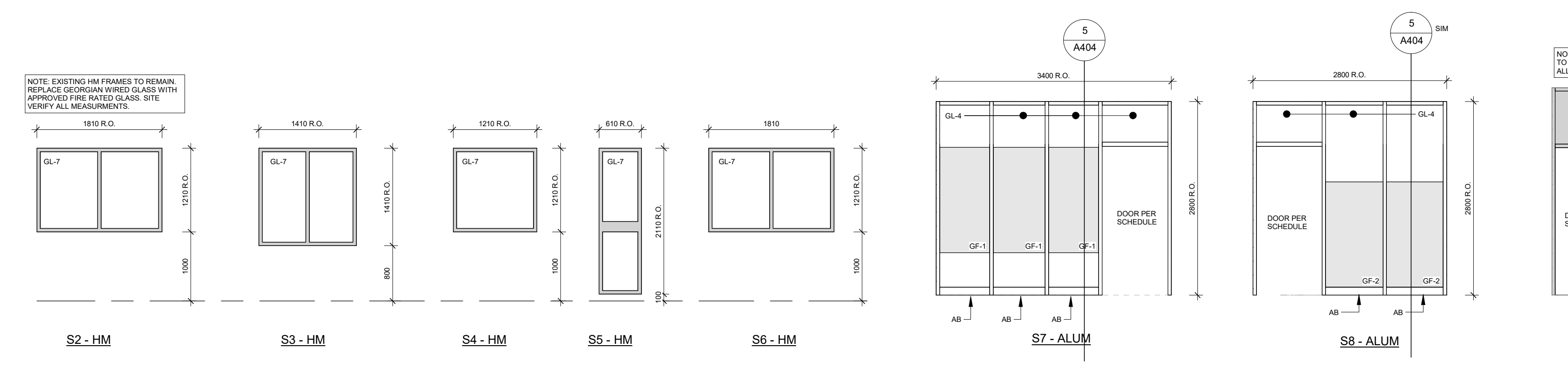
6 Partial West Elevation - Renovation
1 : 100

7 Partial Elevation - Main Entrance - Renovation
1 : 100

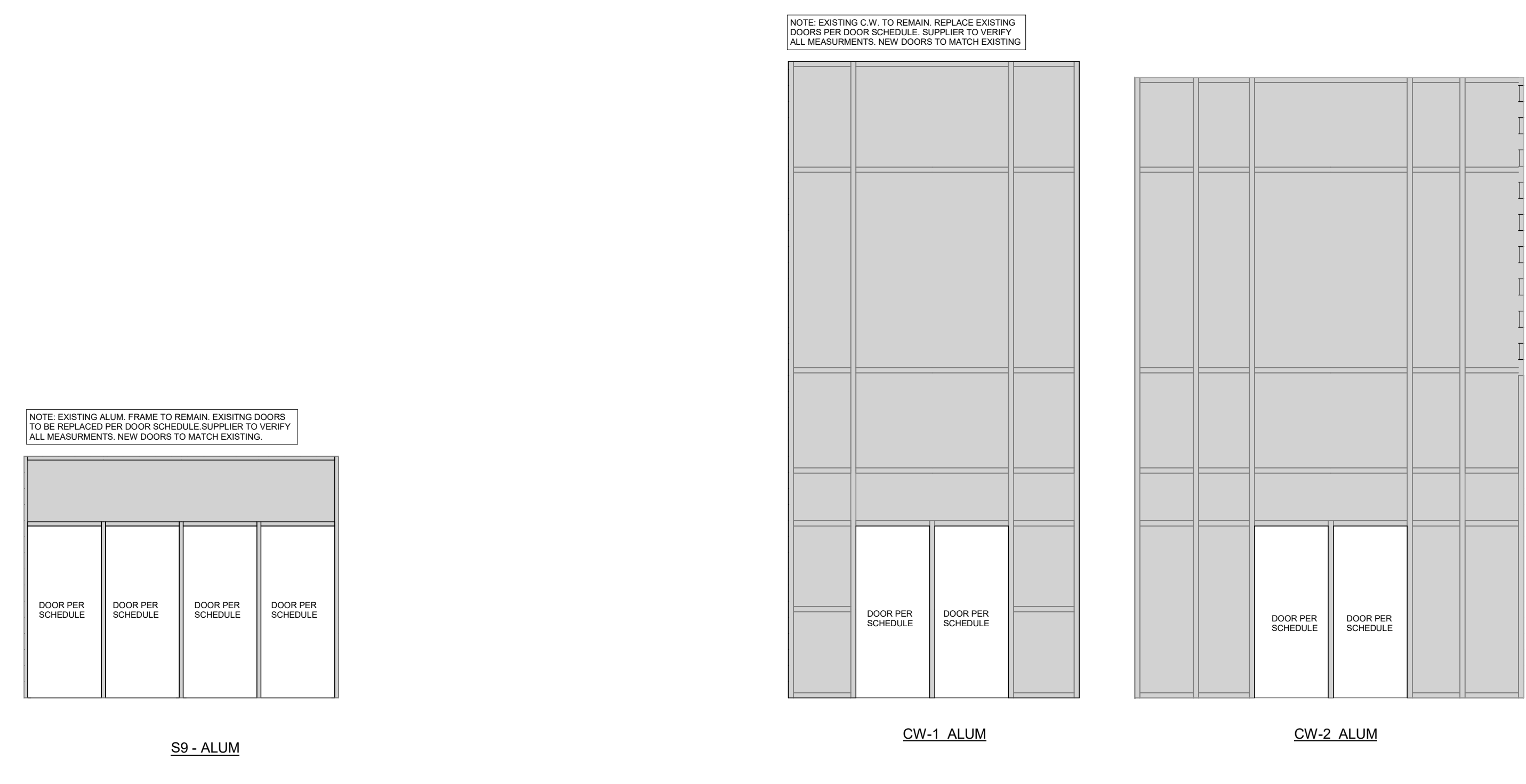
Door Schedule		Frame Schedule													REMARKS
EX/NEW	NUMBER	DOOR TYPE	SIZE (WxHxT)	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING	DOOR F.R.R.	SCREEN	PROFILE	FINISH	MATERIAL	FRAME F.R.R.	HDWE.		
New	1041	E	950 x 2150 x 57	AL	FF	GL-4	-	S8	2	FF	AL	-	-	SEE SCHED	GF-2
New	1042	E	950 x 2150 x 57	AL	FF	GL-4	-	S8	2	FF	AL	-	-	SEE SCHED	GF-2
New	1043	E	950 x 2150 x 57	AL	FF	GL-4	-	S8	2	FF	AL	-	-	SEE SCHED	GF-2
New	1031A	E	950 x 2150 x 57	AL	FF	GL-4	-	S7	2	FF	AL	-	-	SEE SCHED	GF-1
New	SK-2	E1	MATCH EXISTING	AL	FF	GL-2	-	-	-	EX.	FF	AL	-	SEE SCHED	Site verify existing opening. New door to match existing. Existing frame to remain
New	SF-1	D	MATCH EXISTING	HM	PT	GL-7	45 min	-	-	EX.	PT	HM	45 min	SEE SCHED	Site verify existing opening. New door to match existing. Existing frame to remain
New	SF-2	E1	MATCH EXISTING	AL	FF	GL-2	-	-	-	EX.	FF	AL	-	SEE SCHED	Site verify existing opening. New door to match existing. Existing frame to remain
New	A100B	E	MATCH EXISTING	AL	FF	GL-4	-	S9	-	EX.	FF	AL	-	SEE SCHED	Site verify existing opening. New door to match existing. Existing frame to remain
Existing	A120A	J	2-914 x 2134 x 45	EX. HM	PT	EX.	45 min	-	-	EX.	PT	HM	45 min	EX.	Paint interior (learning commons) side of door only.
Existing	A124B	C	914 x 2134 x 45	EX. HM	PT	EX.	45 min	-	-	EX.	PT	HM	45 min	EX.	Paint exterior (learning commons) side of door only.
Existing	D131A	B	914 x 2134 x 45	EX. HM	PT	EX.	45 min	-	-	EX.	PT	HM	45 min	EX.	Paint interior (classroom) side of door only.
Existing	A118A	A	914 x 2134 x 45	EX. HM	PT	EX.	-	-	-	EX.	PT	HM	-	EX.	Paint exterior (learning commons) side of door only.
Existing	A120B	AA	2-914 x 2134 x 45	EX. HM	PT	EX.	-	-	-	EX.	PT	HM	-	EX.	Paint interior (learning commons) side of door only.



2 Window Elevations
1:50



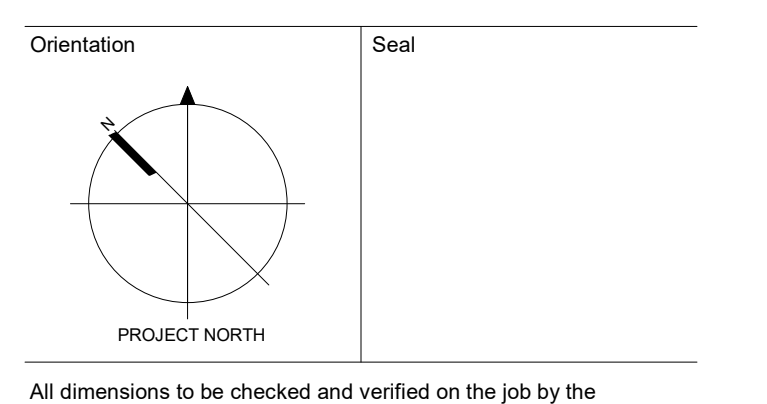
3 Interior Screen Elevations
1:50



4 C.W. Elevations
1:50

- GENERAL NOTES:**
- FULLY SITE MEASURE & SITE VERIFY ALL OPENING DIMENSIONS BEFORE FABRICATION OF ANY UNITS. GO TO COORDINATE FRAME SIZE SHOWN WITH TOLERANCES AND CLEARANCES FOR ROUGH OPENINGS AS SPECIFIED BY THE MANUFACTURER.
 - SECURELY FASTEN THE HEADS OF ALL SCREENS TO THE STRUCTURE PROVIDED.
 - REFER TO FLOOR PLANS & ELEVATIONS FOR ALL LOCATIONS & QUANTITIES.
 - AT ALL ME & IRE LOCATIONS PROVIDE FOR DEFLECTION IN CONNECTION DETAIL.
 - REFER TO SPECIFICATION SECTION 08 60 00 - ALUMINUM WORK FOR MULLION, EXTRUSION, DOOR, PANEL AND SHEET FINISHES.
 - REFER TO SCREEN WALL - SIMILAR TYPE SCHEDULE FOR SIZES OF SIMILAR SCREEN WALL ASSEMBLY THAT ARE NOT SPECIFICALLY DEPICTED IN ELEVATION VIEW.
 - REFER TO SCREEN WALL - FIRE RES. SCHEDULES & A301 - FIRE SEPARATION KEY PLANS, LEGENDS & DETAILS FOR REQUIRED FIRE SEPARATION RATING FOR THE GLAZED WALL ASSEMBLY LOCATED WITHIN A FIRE SEPARATION.
 - GLAZED WALL ASSEMBLY LOCATED IN FIRE SEPARATIONS ARE TO BE PROVIDED WITH SPARKLER PROTECTION (BY OTHERS) FOR THE FULL DURATION OF THE REQUIRED F.R.R.
- ABBREVIATIONS:**
- AL - ALUMINUM BASE
 - AL - ALUMINUM PANEL
 - AS - ALUMINUM SILL
 - AS - ALUMINUM SIDER PANEL
 - ASP - ALUMINUM SPANDREL PANEL
 - CD - DOOR CENTER
 - CD - DOOR CENTER
 - HM - HOLLOW METAL BASE
 - HM - HOLLOW METAL PANEL
 - IP - INSULATED ALUMINUM PANEL
 - ME - INTERNAL MULLION EXTENSION
 - MH - INTERNAL MULLION REINFORCING
 - OP - GLASS OR OPEN GLAZING MATERIAL (SCHEDULE)
 - RC - REMOVABLE CENTER MULLION
 - RCM - REMOVABLE CENTER MULLION
 - RD - RIGID DIVIDER
 - SG - STRUCTURAL GLAZING
 - ST - THERMALLY BROKEN THERMOBOLD
 - VS - VISUAL IMPEDIMENT STRIP
- REFER TO SPECIFICATION SECTION 08 60 00 - GLAZING FOR GL TYPES.
- GLAZING TYPE LEGEND:**
- GL-1: (TYPICAL INSULATED EXTERIOR) 6mm CLEAR TEMPERED EXTERIOR LITE, LOW-E COATING ON SURFACE IC, ANGLE LITE THERMOBOLD INTERIOR LITE, 25mm OVERALL THICKNESS.
 - GL-2: (TYPICAL AT ENTRANCE DOORS) 6mm CLEAR TEMPERED EXTERIOR LITE, LOW-E COATING ON SURFACE IC, ANGLE LITE AT AIR SPACE, 25mm CLEAR LAMINATED SPIT IT GLASS INTERIOR LITE, 25mm OVERALL THICKNESS.
 - GL-3: 6mm THICK SPANDREL GLASS WITH GALVANIZED METAL BACK-PAN FILED WITH POLYURETHANE INSULATION. PROVIDE PREFIN. ALUMINUM PANEL TO MATCH C.W. FRAMES AT ALL EXPOSED BACK-PAN LOCATIONS.
 - GL-4: 6mm CLEAR TEMPERED GLASS.
 - GL-5: 6mm CLEAR TEMPERED GLASS LAMINATED GLASS.
 - GL-6: 12mm STRUCTURAL GLASS.
 - GL-7: 5mm FIRE RATED GLASS.

No.	Revision	Date
1	Issued for Tender	2026 05 01
2	Issued for 50% CD	2026 05 17
3	Issued for Building Permit	2026 05 17
4	Issued for 75% CD	2026 02 27
5	Issued for Class B Costing	2026 01 09



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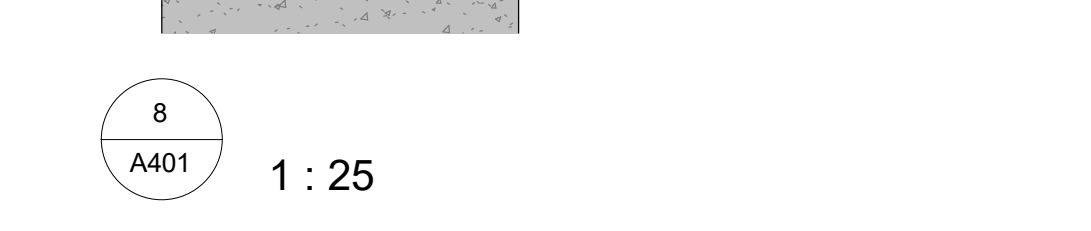
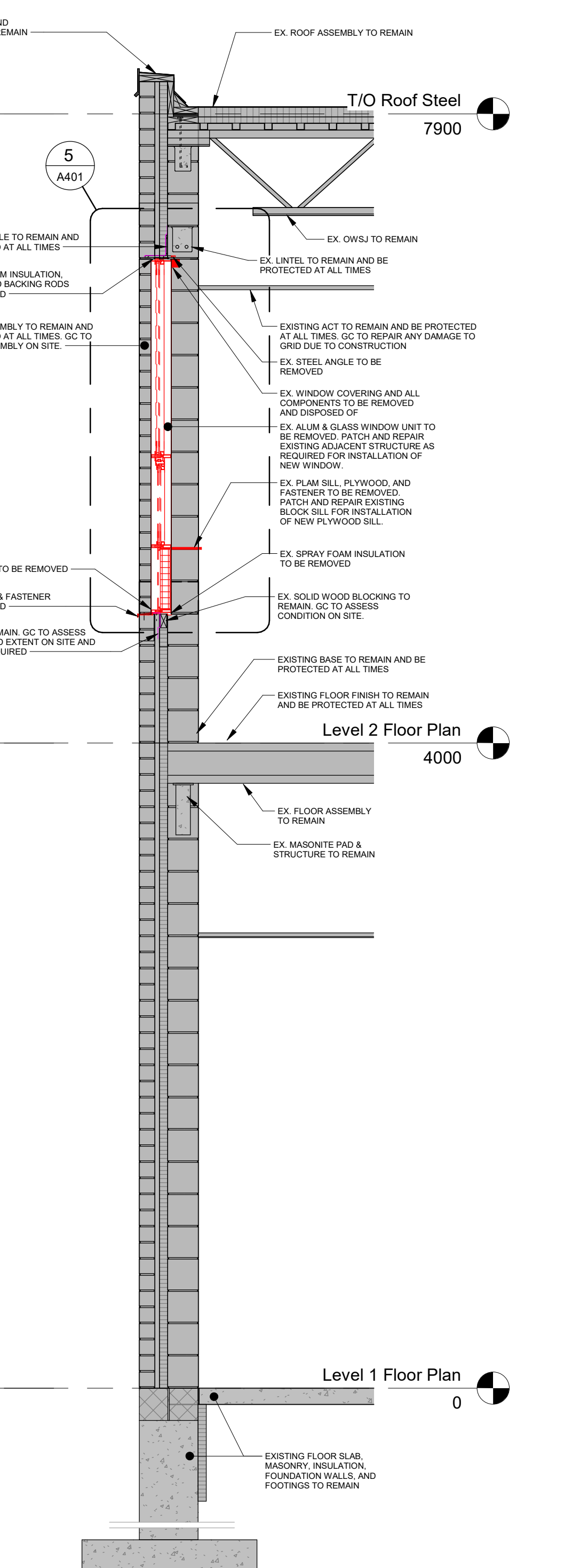
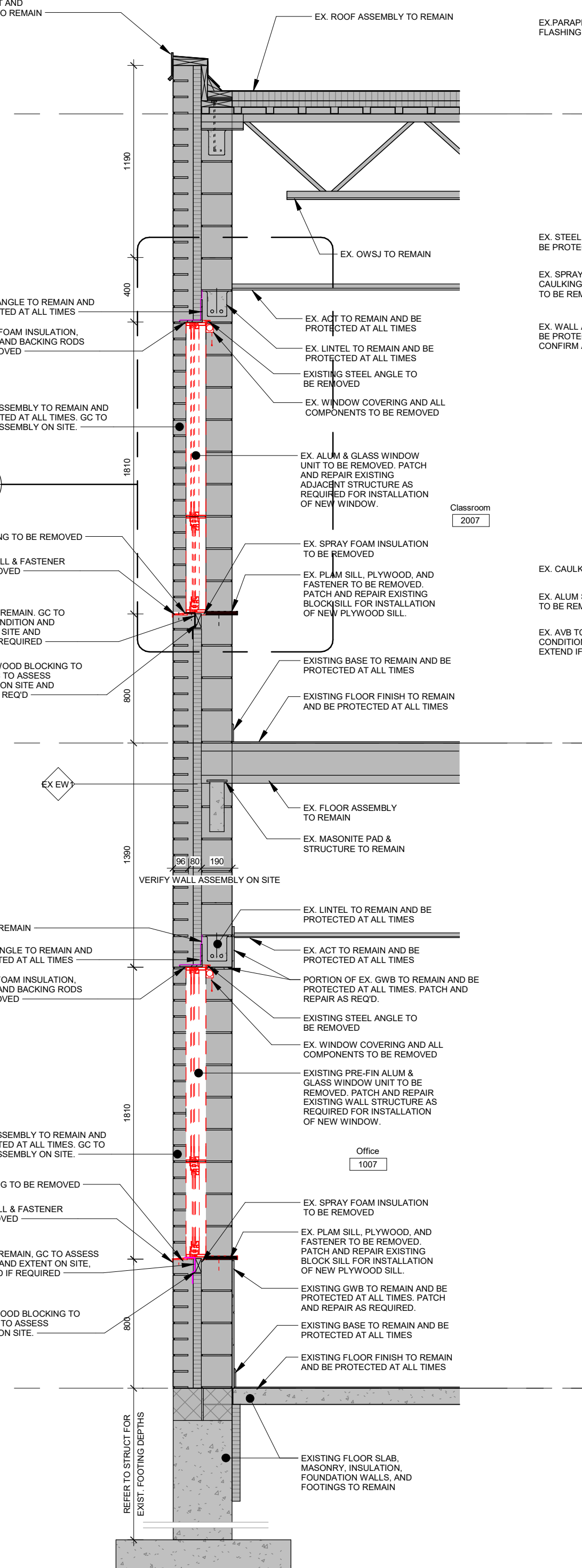
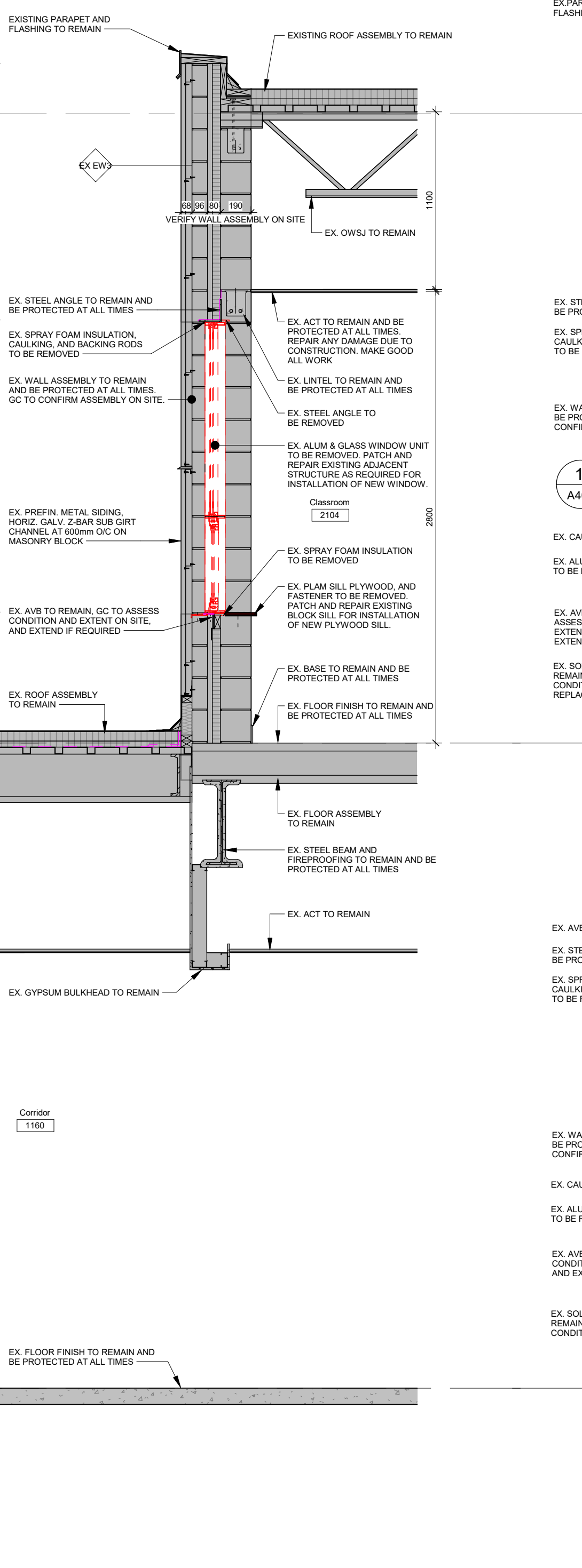
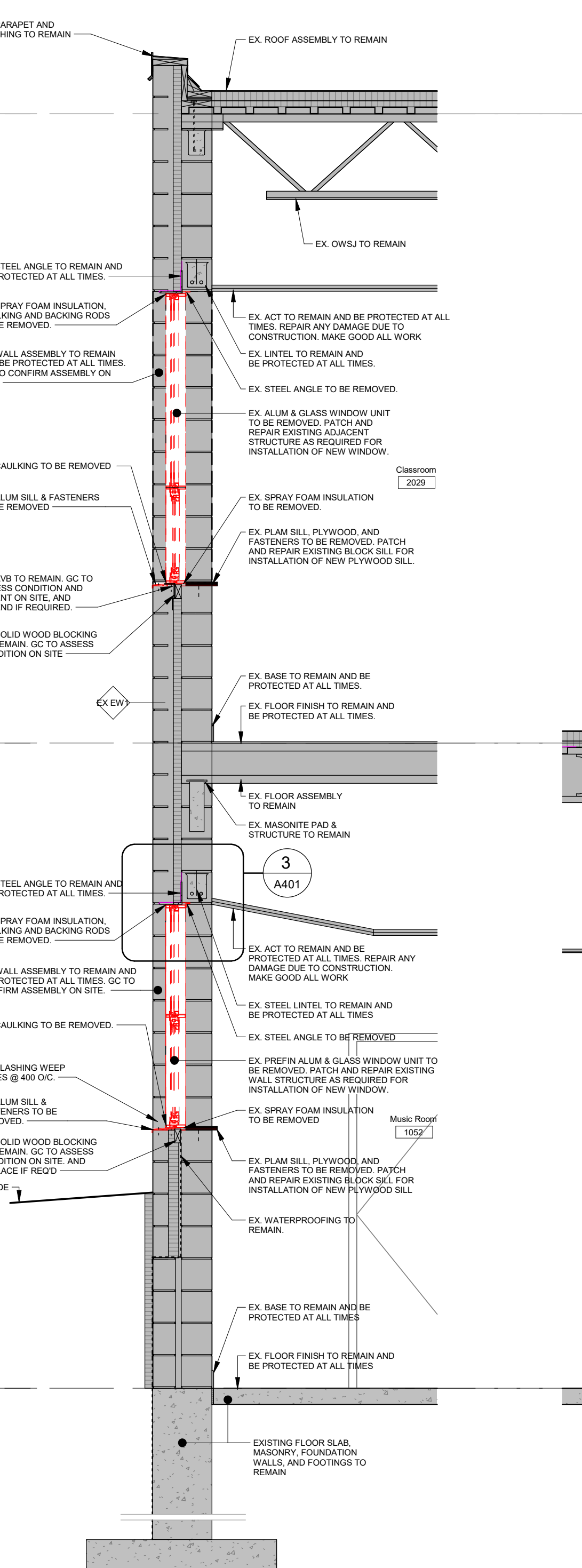
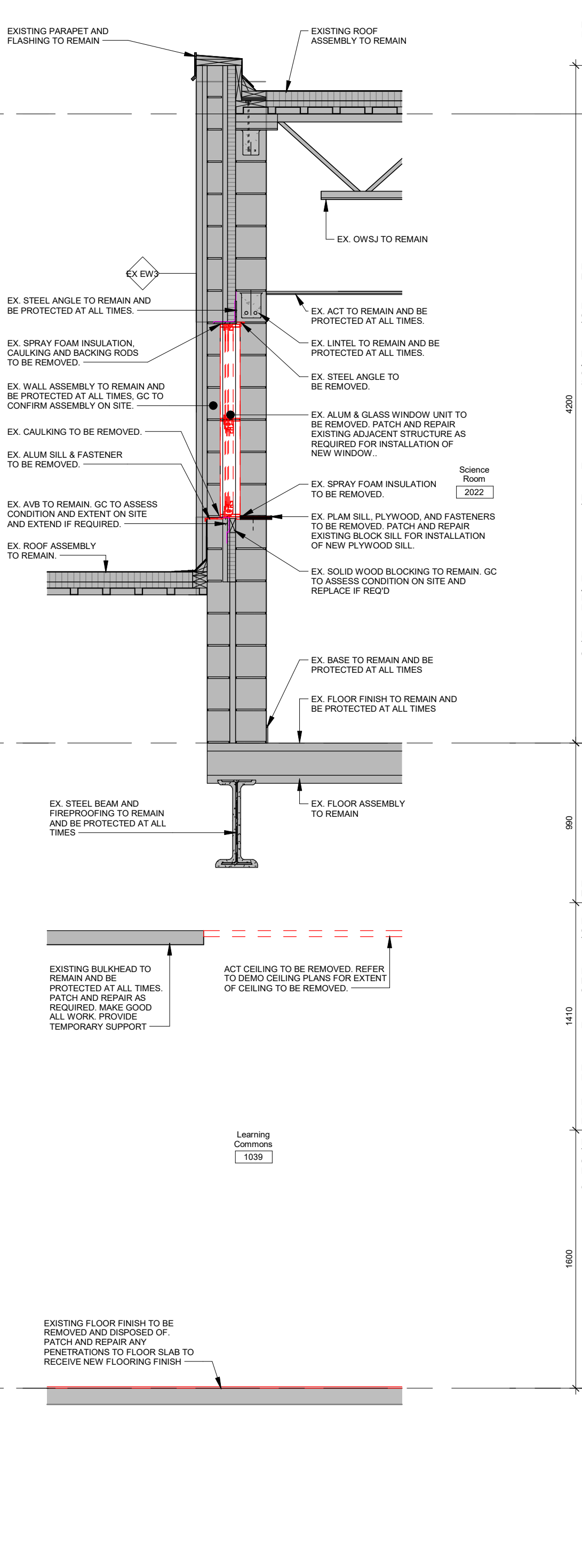
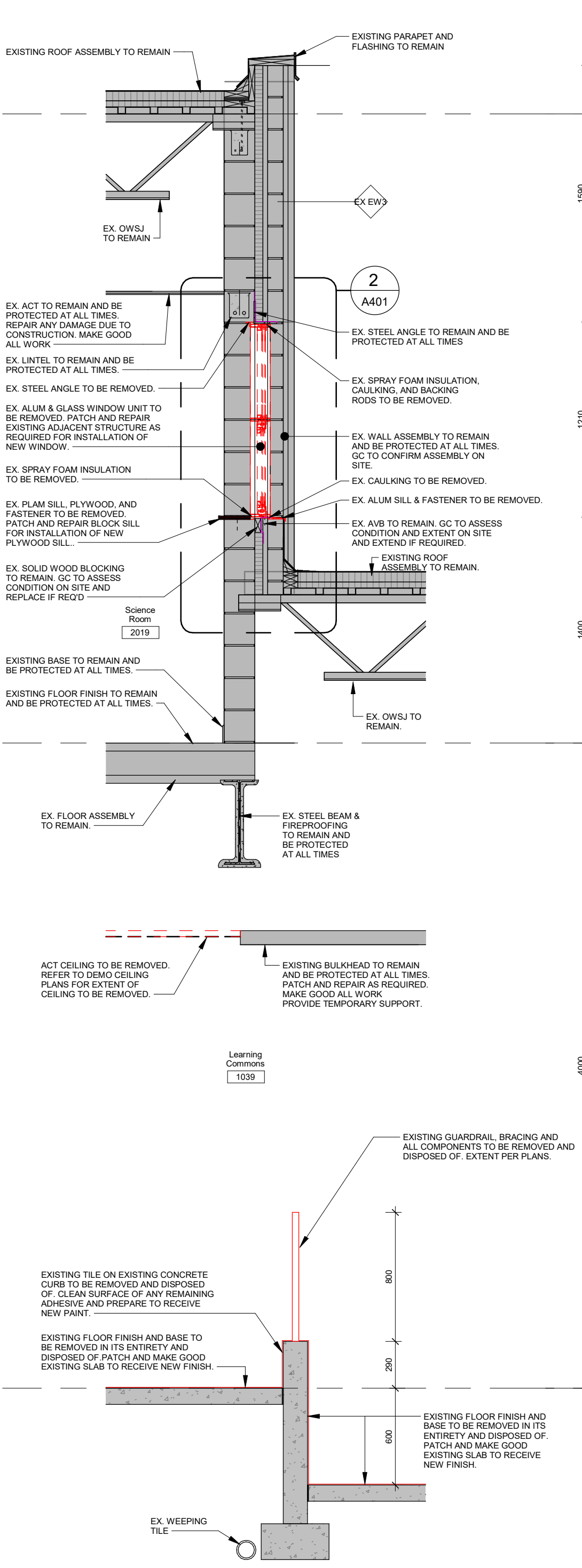
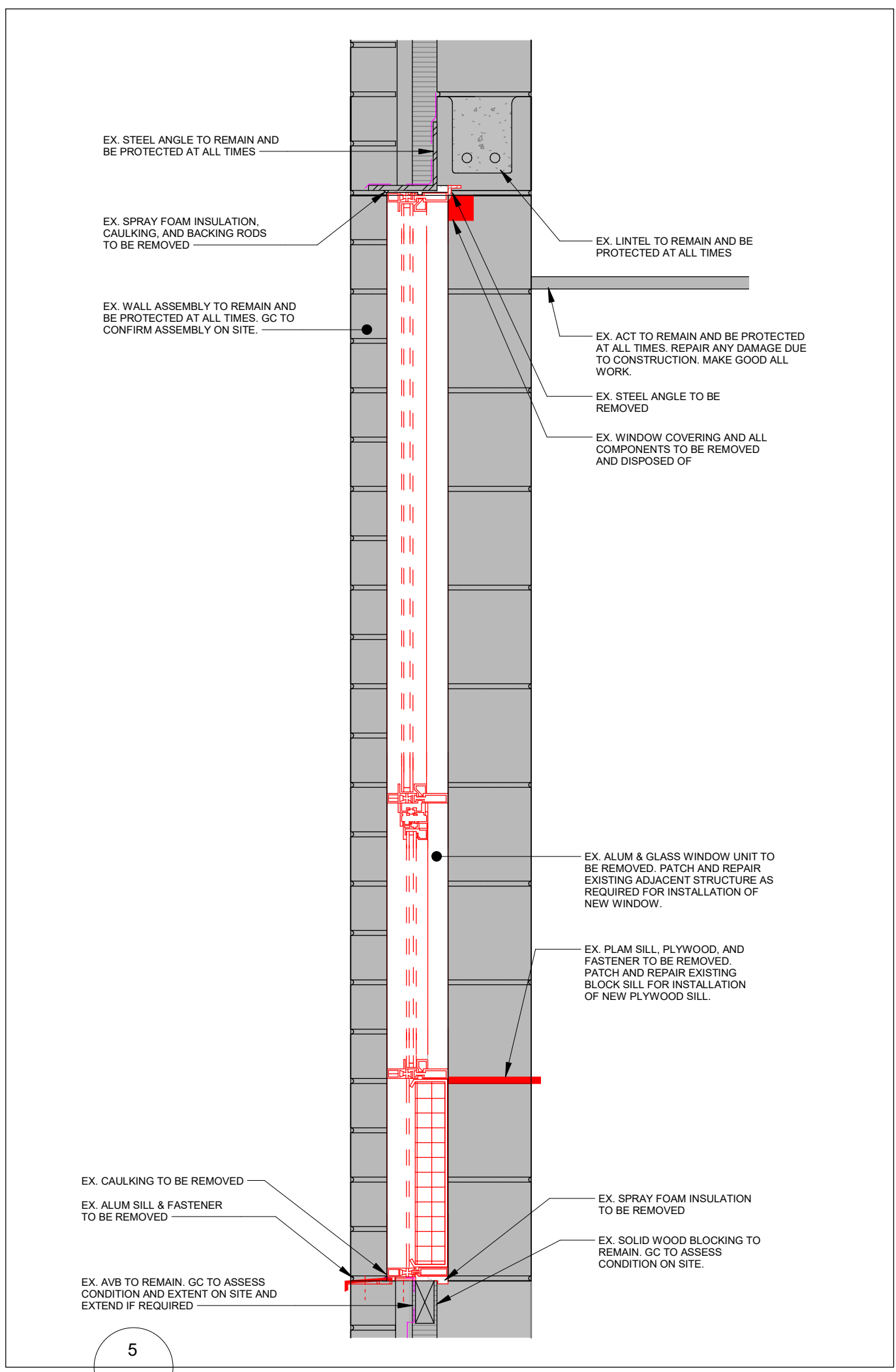
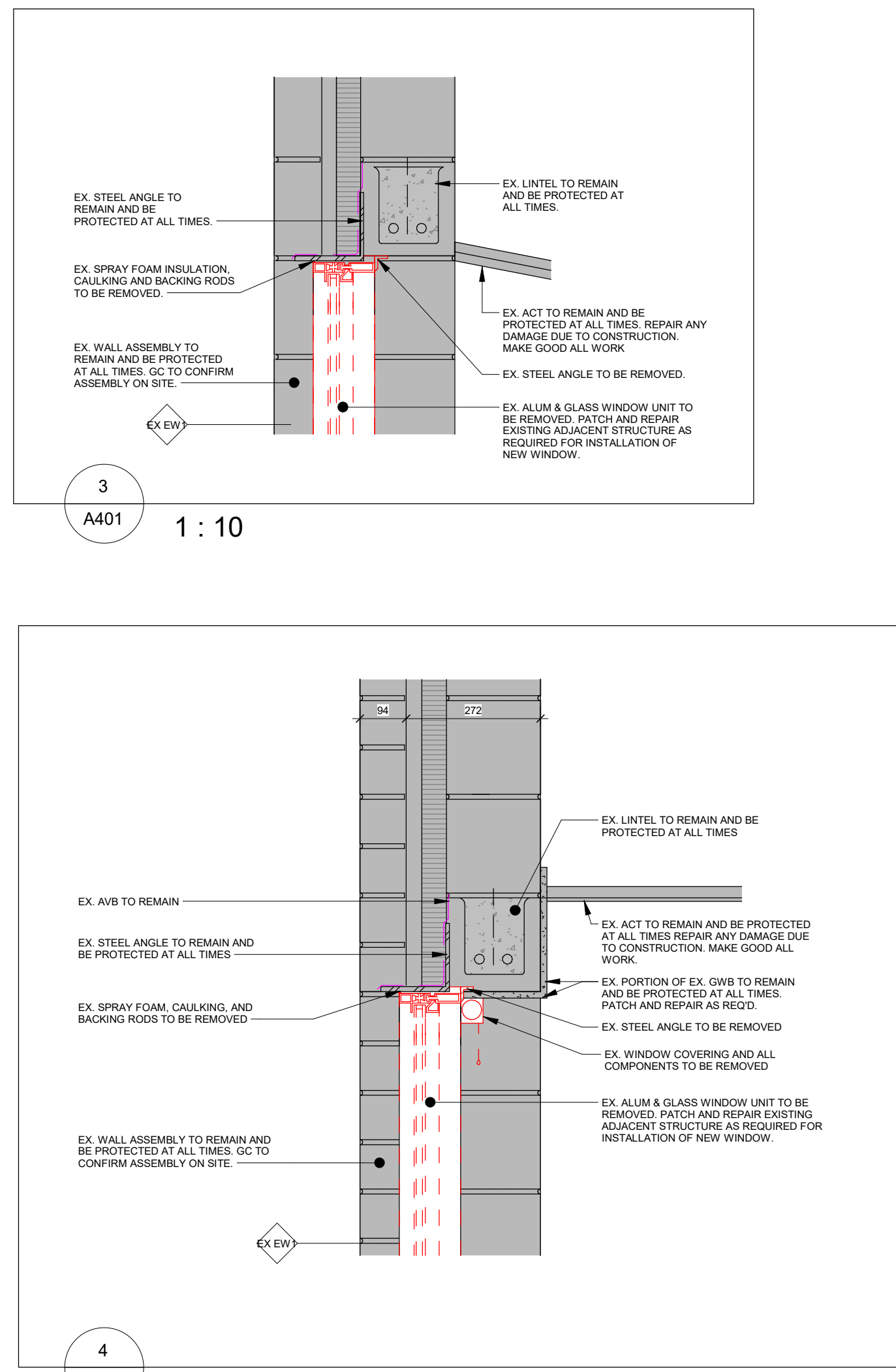
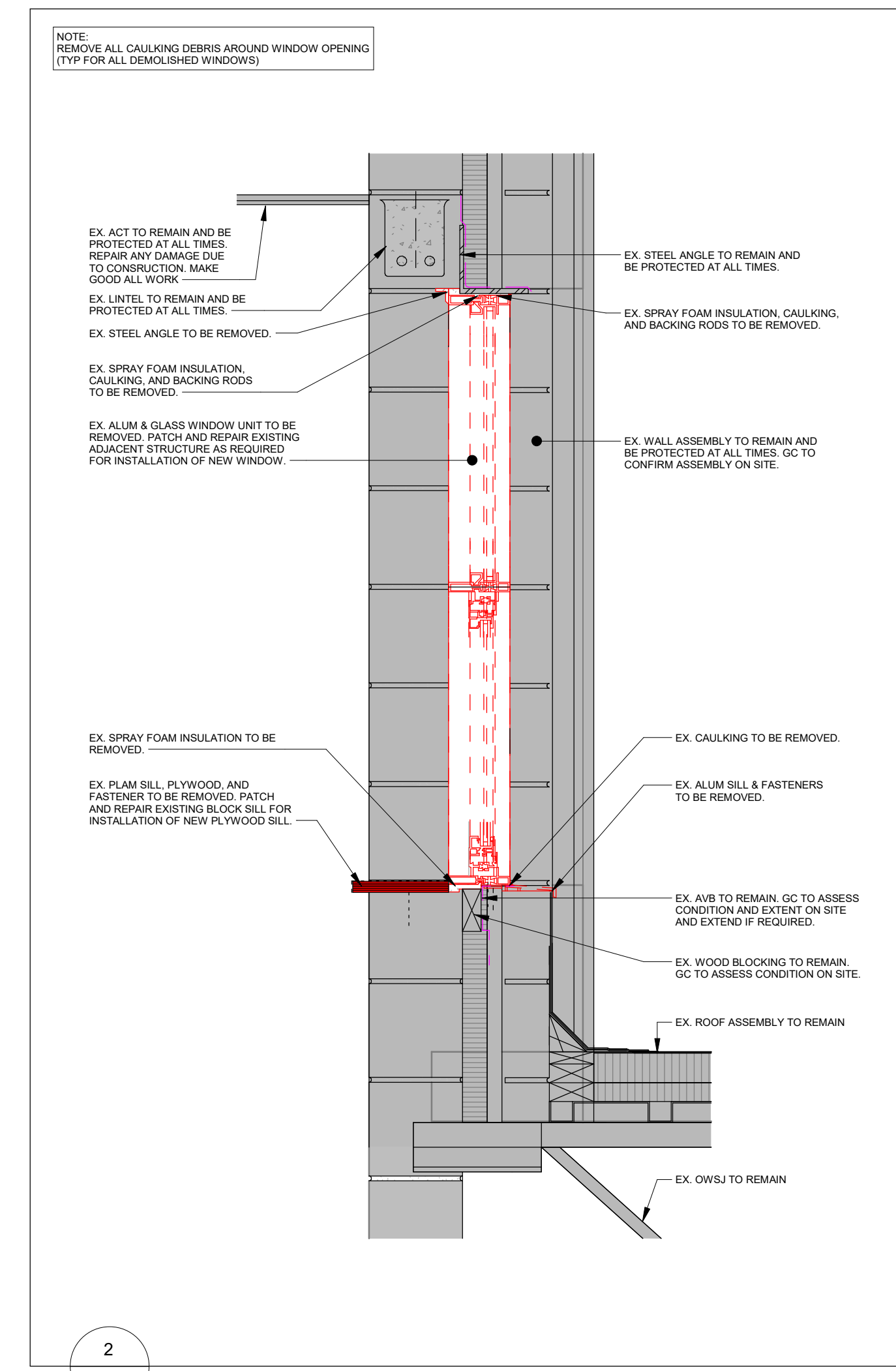
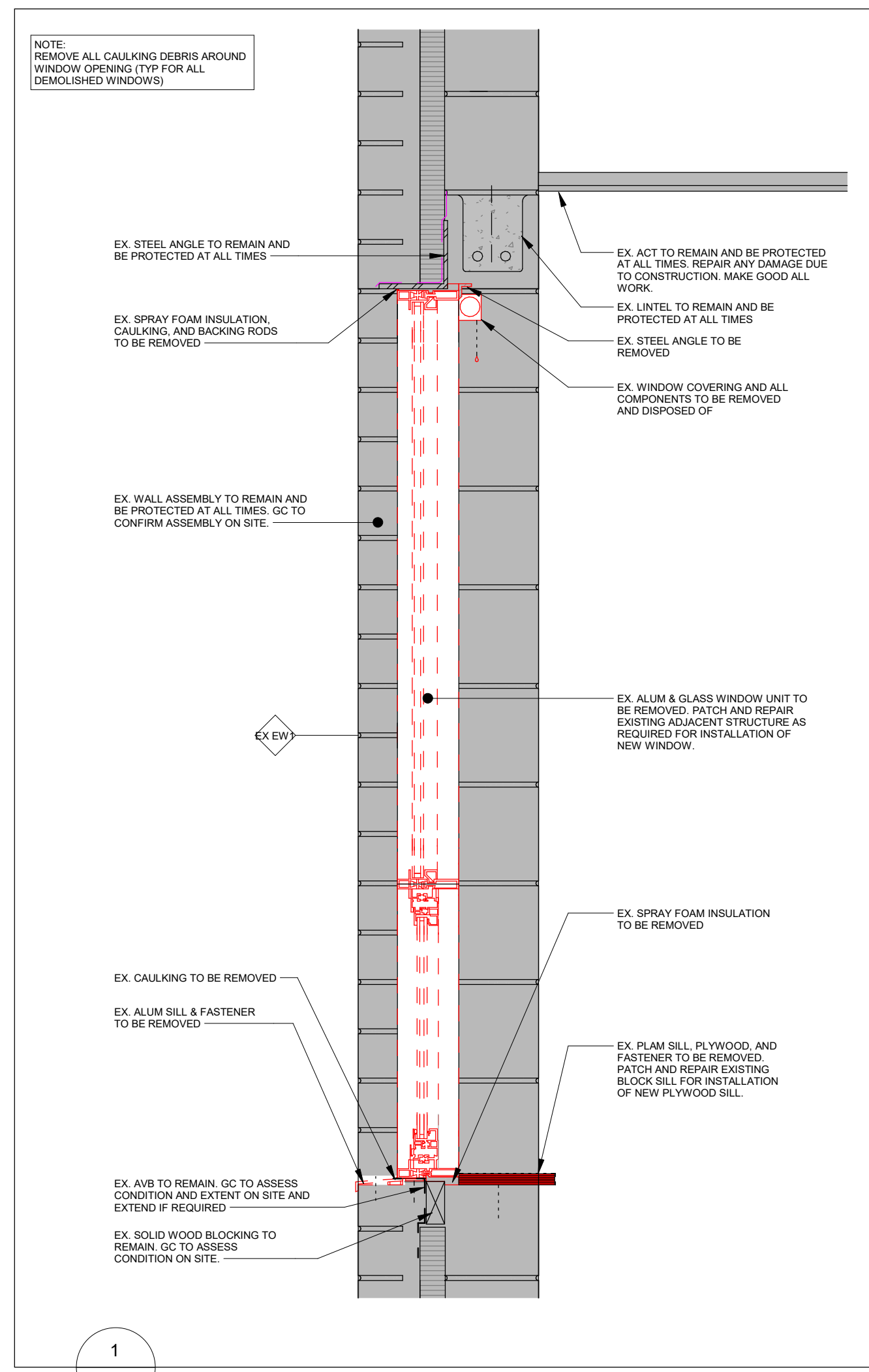
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Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

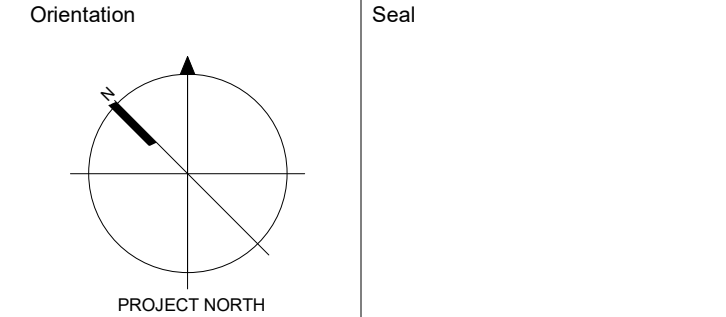
For
Hamilton-Wentworth District School Board

Drawing Title
Window & Interior Screen Elevations & Door Sched.

Date	2026.05.01	Project No	25019	Drawing No	A303
Drawn by	EL	Scale	As indicated		



No.	Revision	Date
1	Issued for Tender	2008 05 07
2	Issued for Building Permit	2008 05 17
3	Issued for 75% CD	2008 05 27
4	Issued for Tender	2008 05 07
5	Issued for 90% CD	2008 05 17



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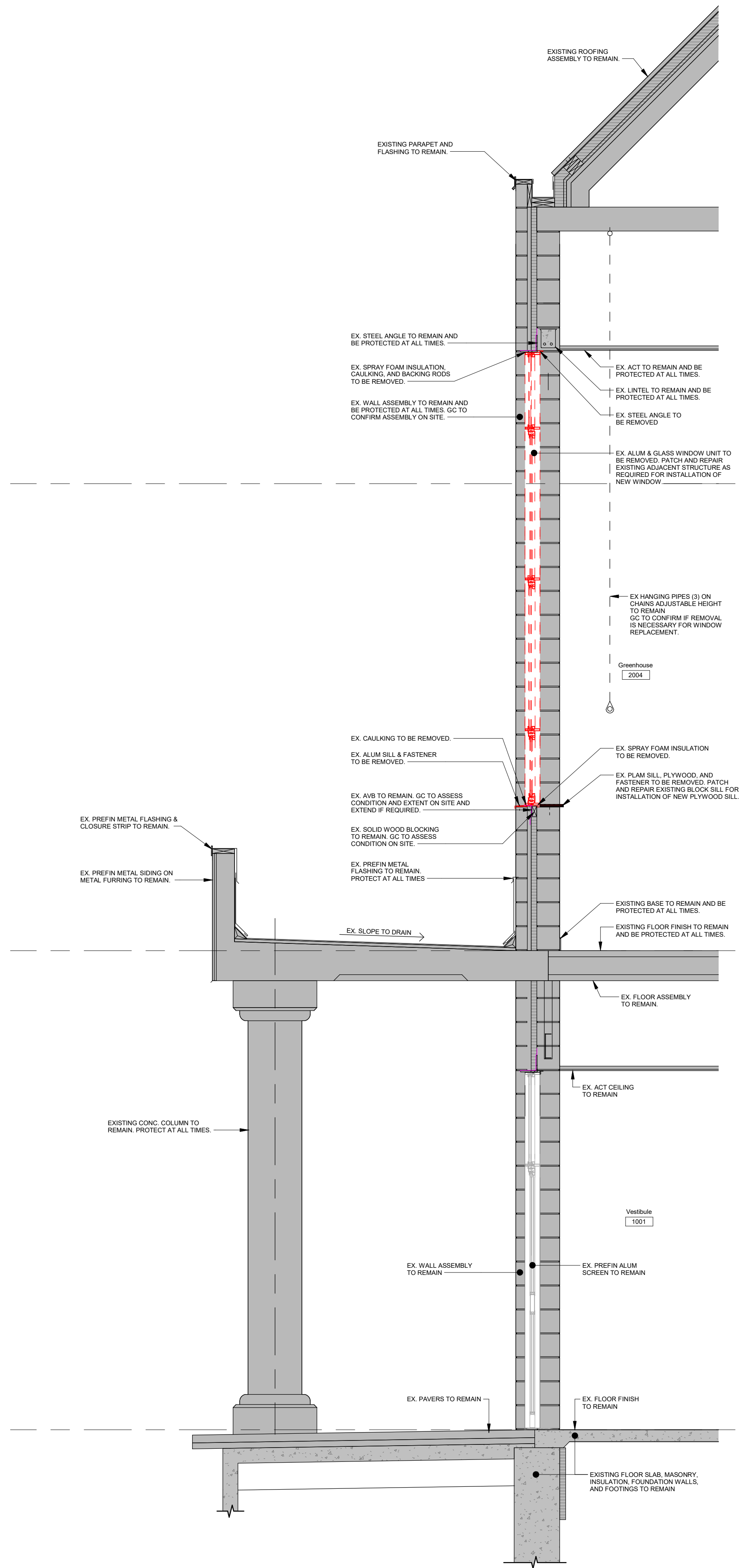
Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

For Hamilton-Wentworth District School Board

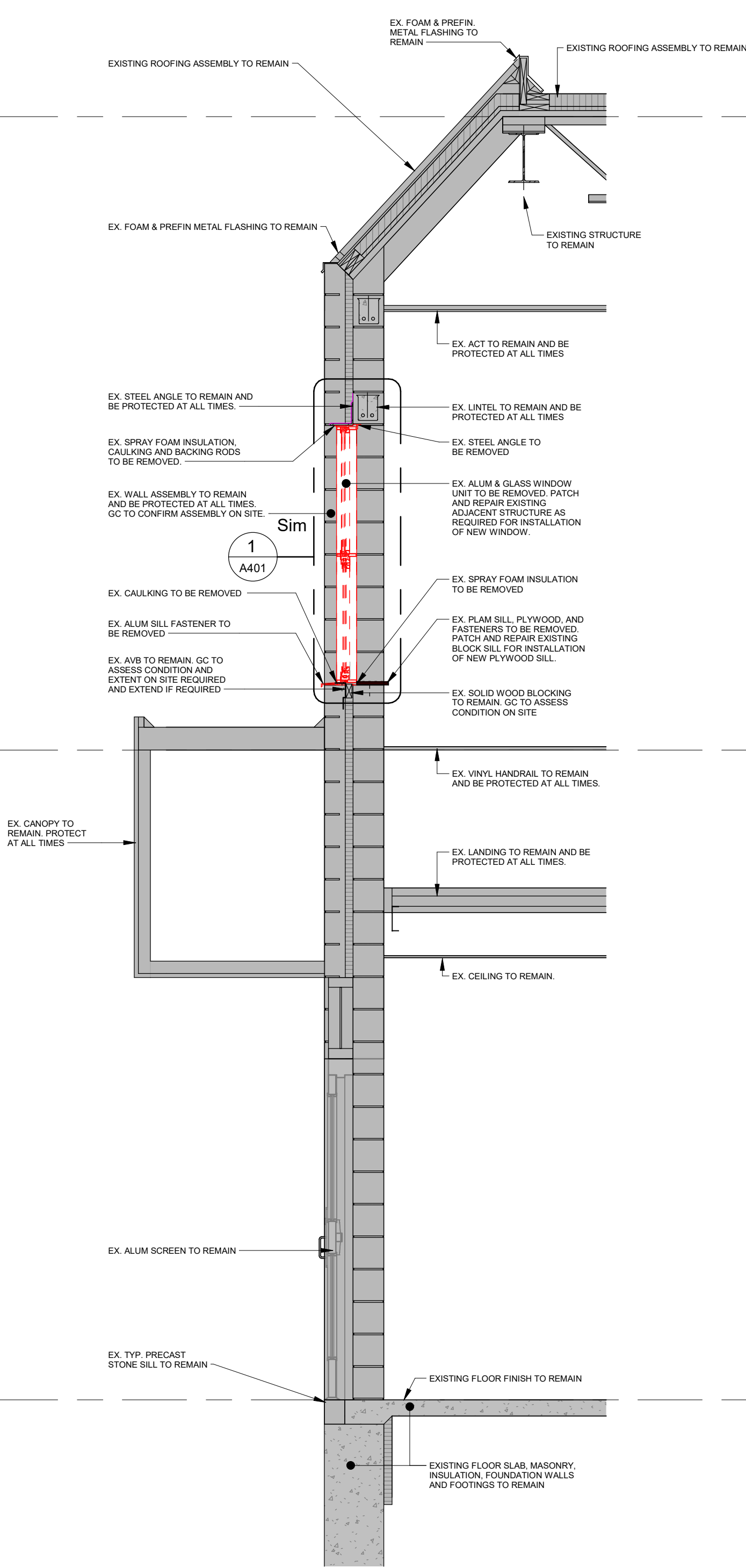
Drawing Title
Wall Sections & Details - Demolition

Date	2026.05.01	Project No	25019	Drawing No	A401
Drawn by	EL KM				
Scale	As indicated				

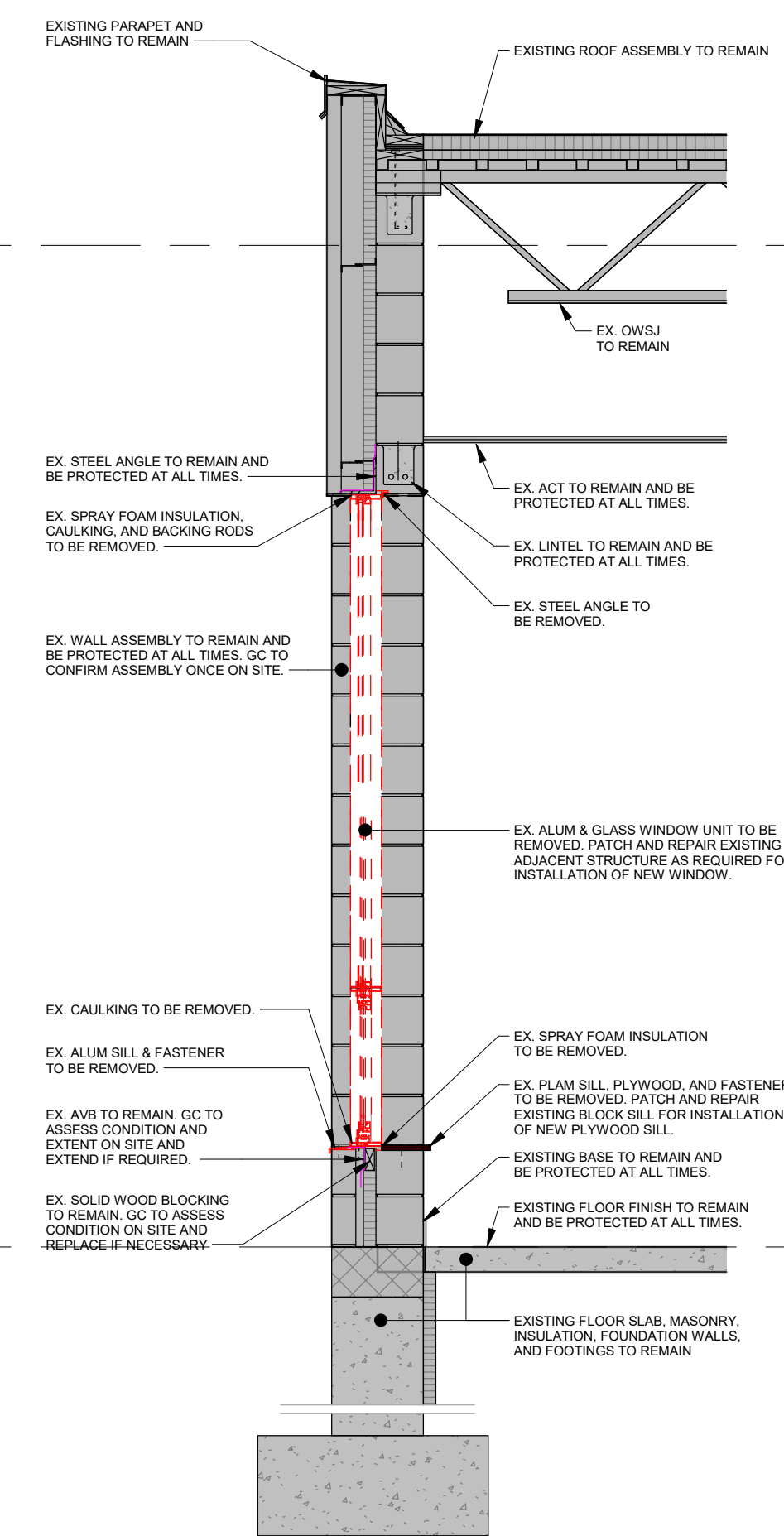
TYP. Window w/ Buried Head - Demo



1
A402 1: 25



2
A402 1: 25

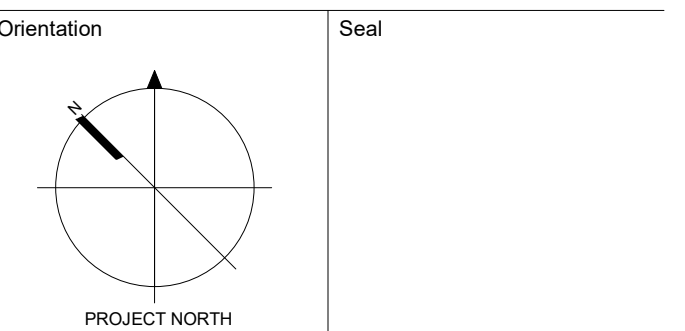


3
A402 1: 25

Level 2 Floor Plan
4000

Level 1 Floor Plan
0

No.	Revision	Date
4	Issued for Tender	2008 05 01
3	Issued for 90% CD	2008 03 17
2	Issued for Building Permit	2008 03 17
1	Issued for 75% CD	2008 02 27



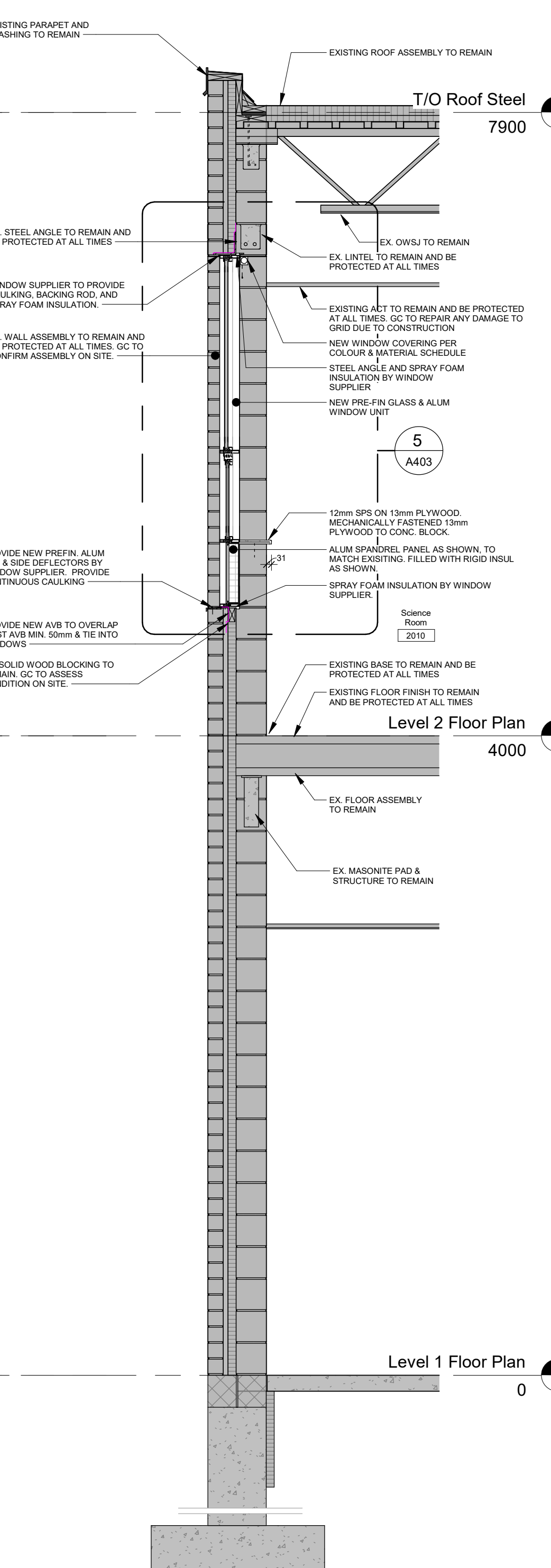
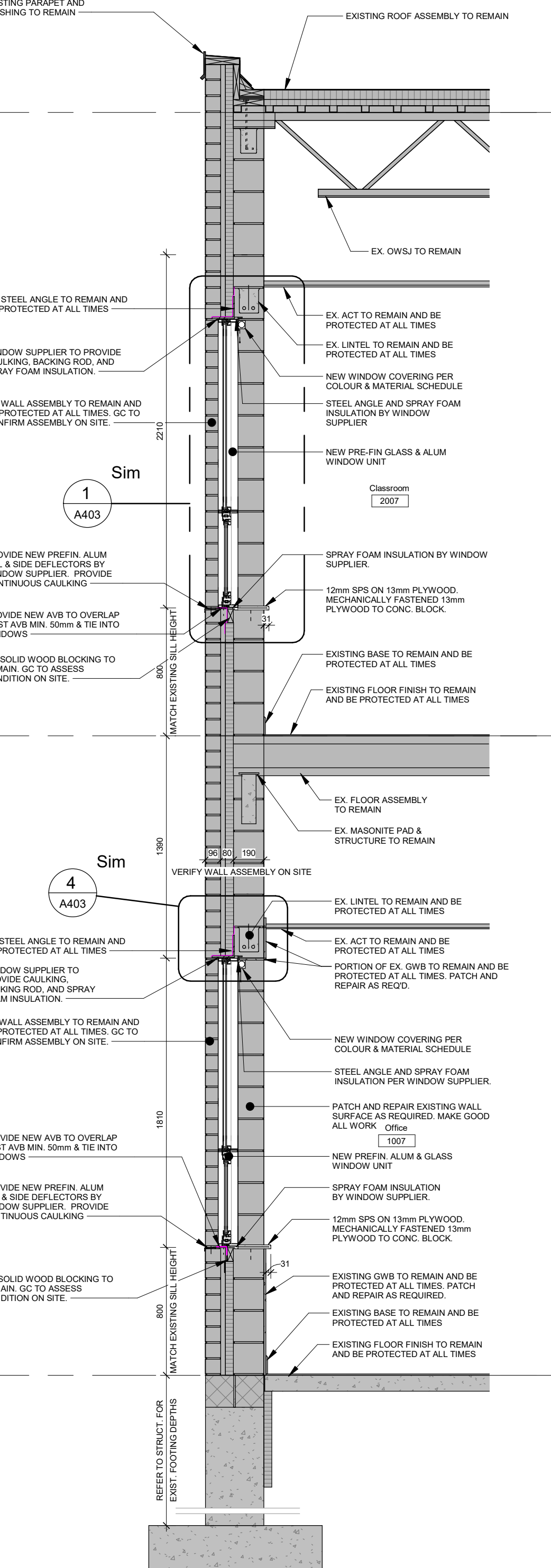
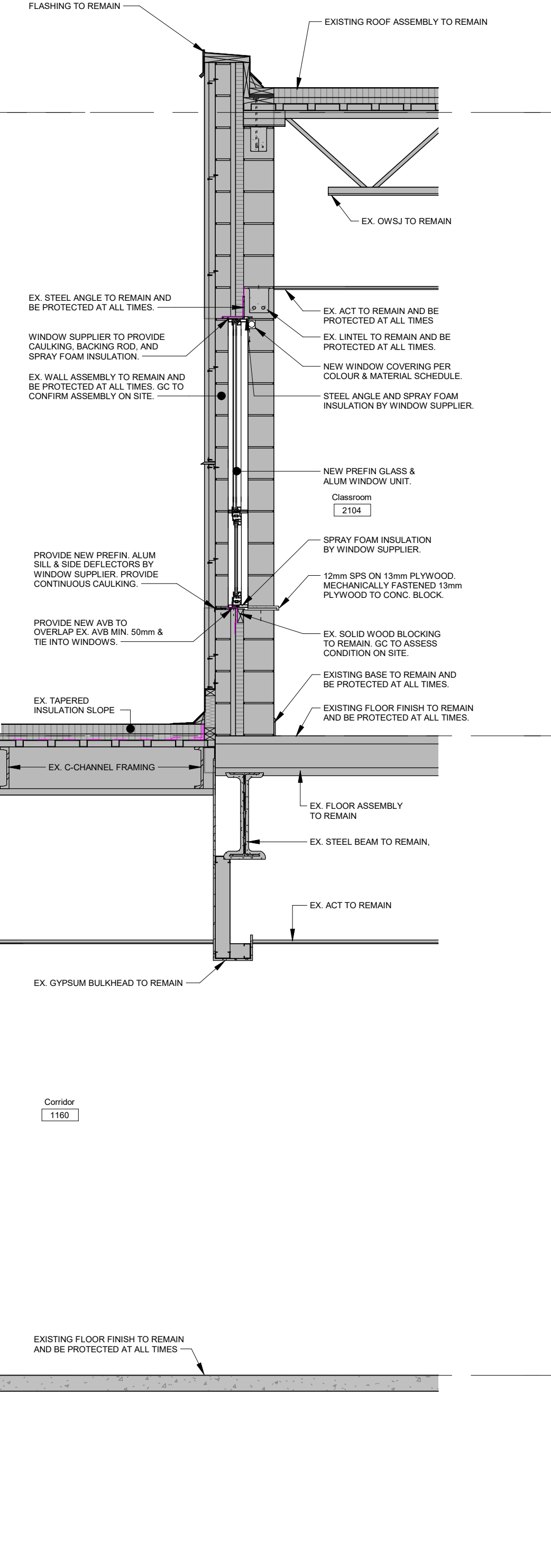
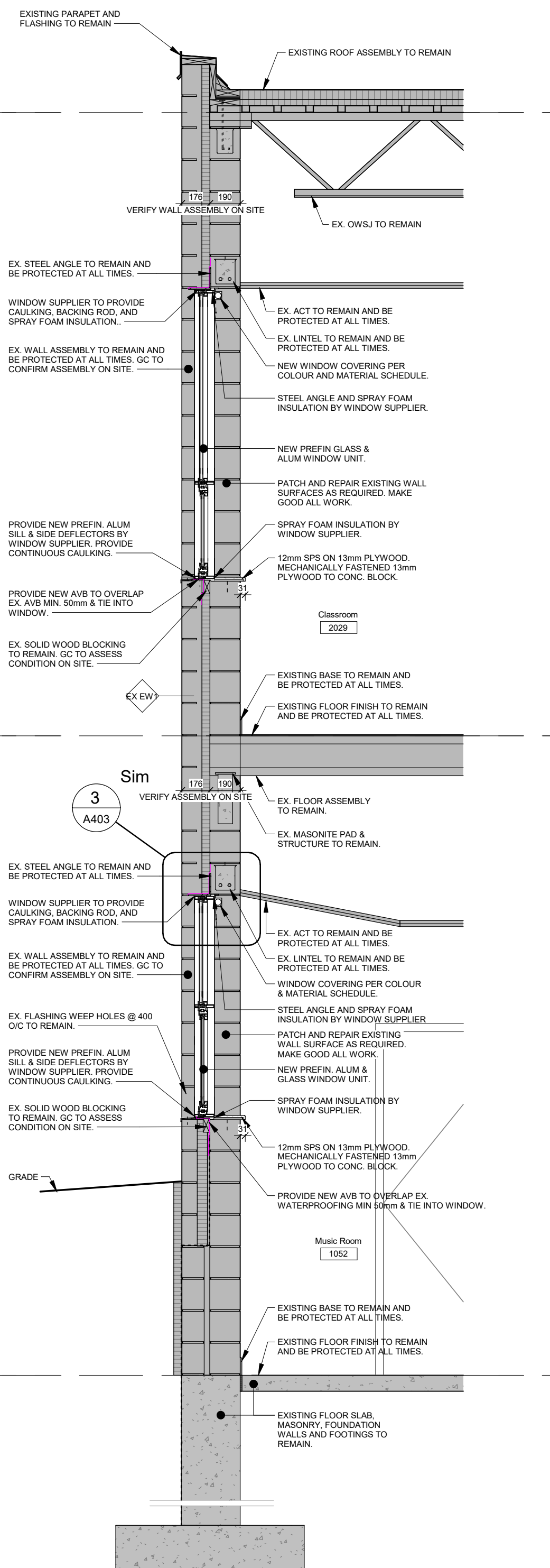
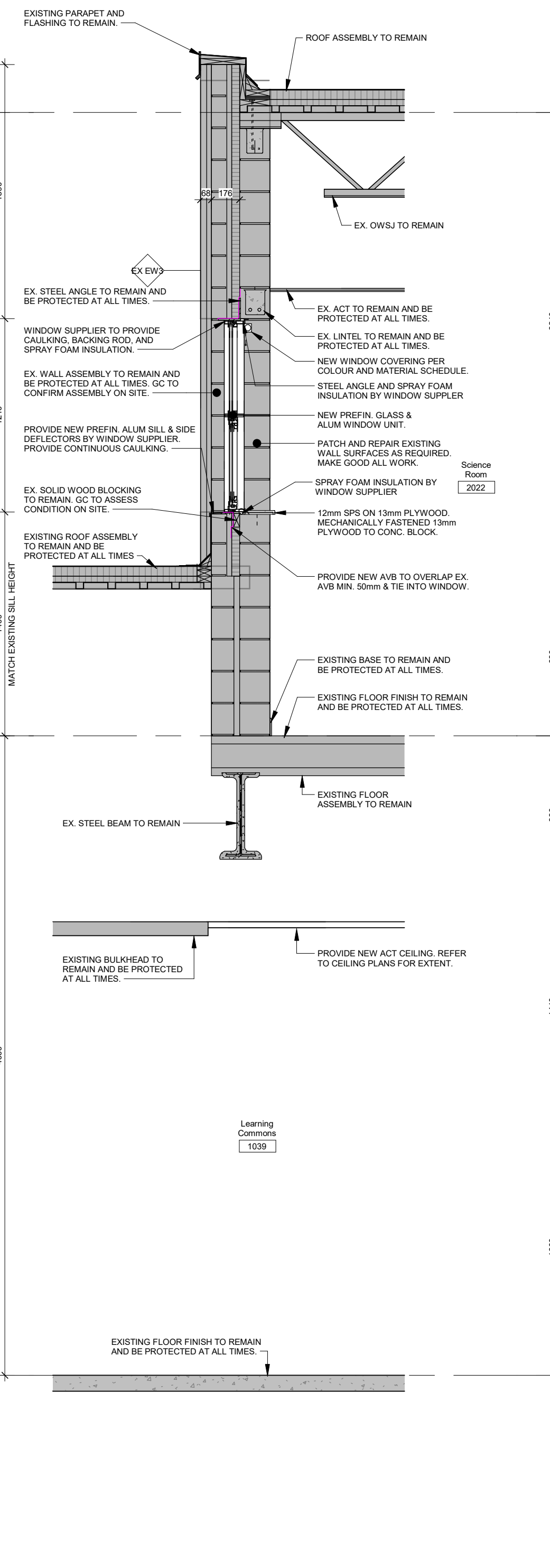
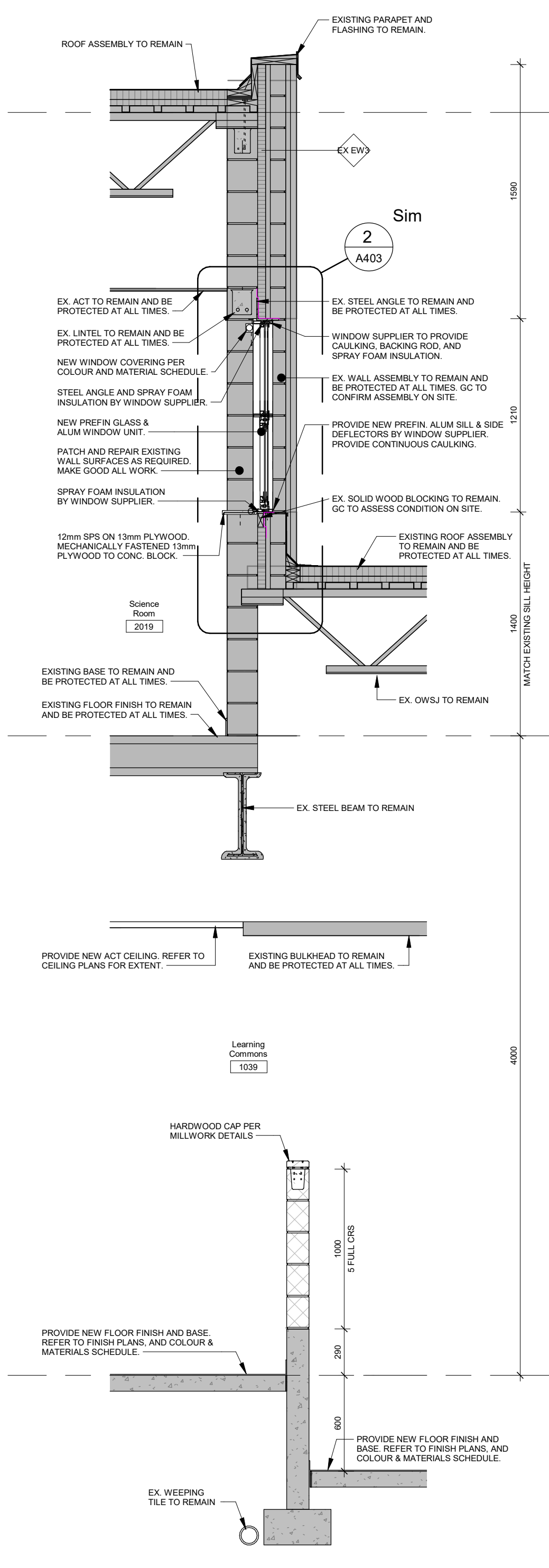
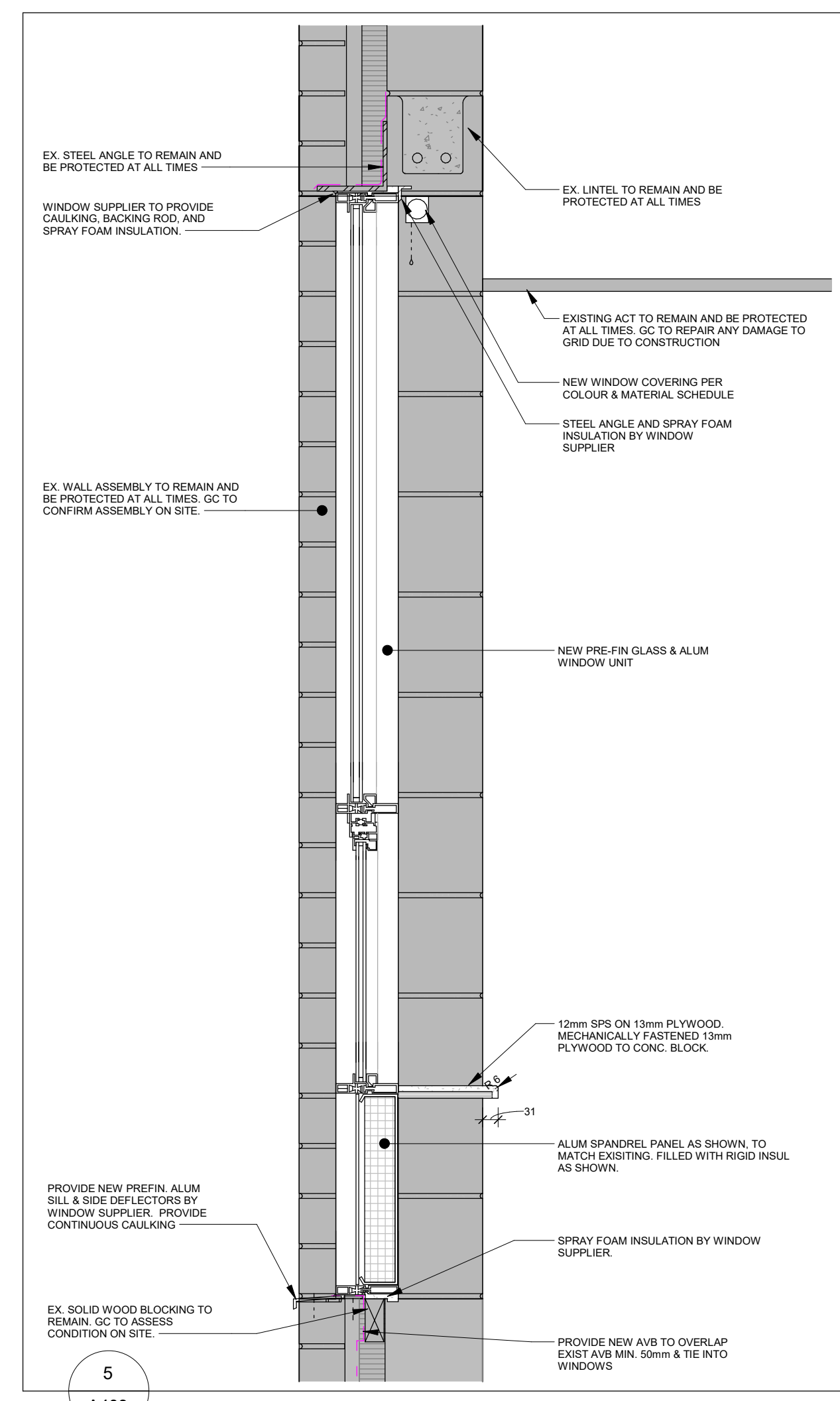
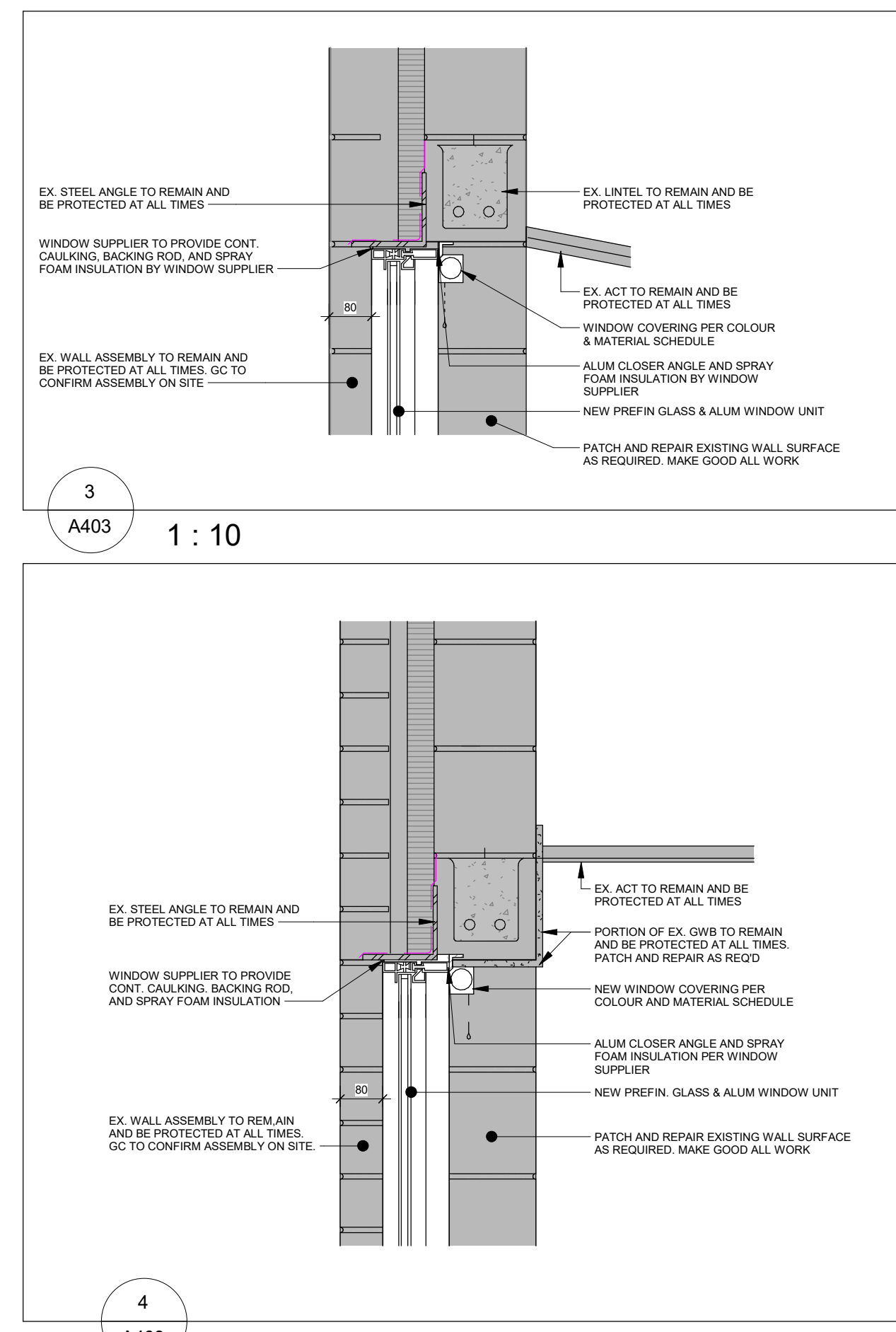
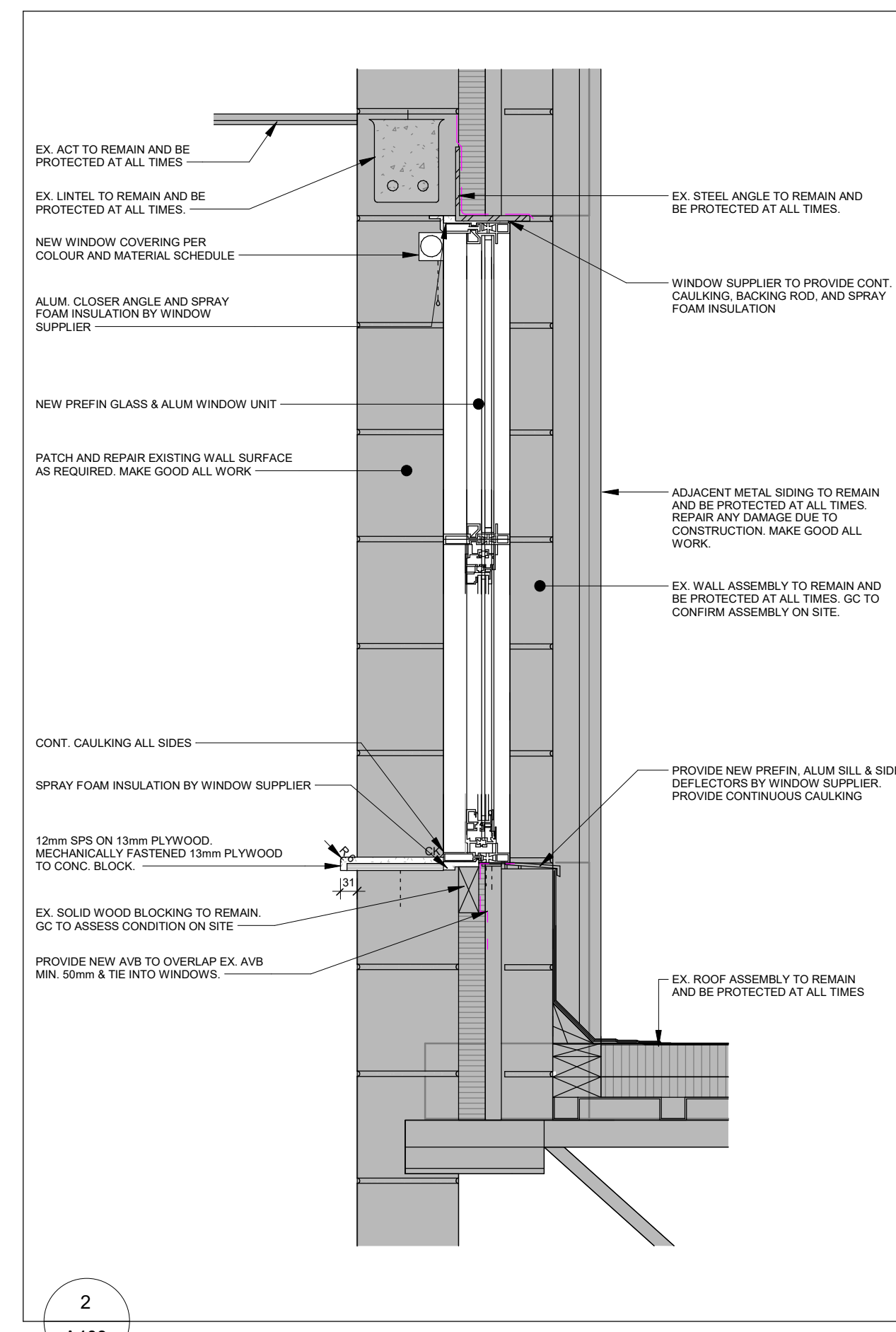
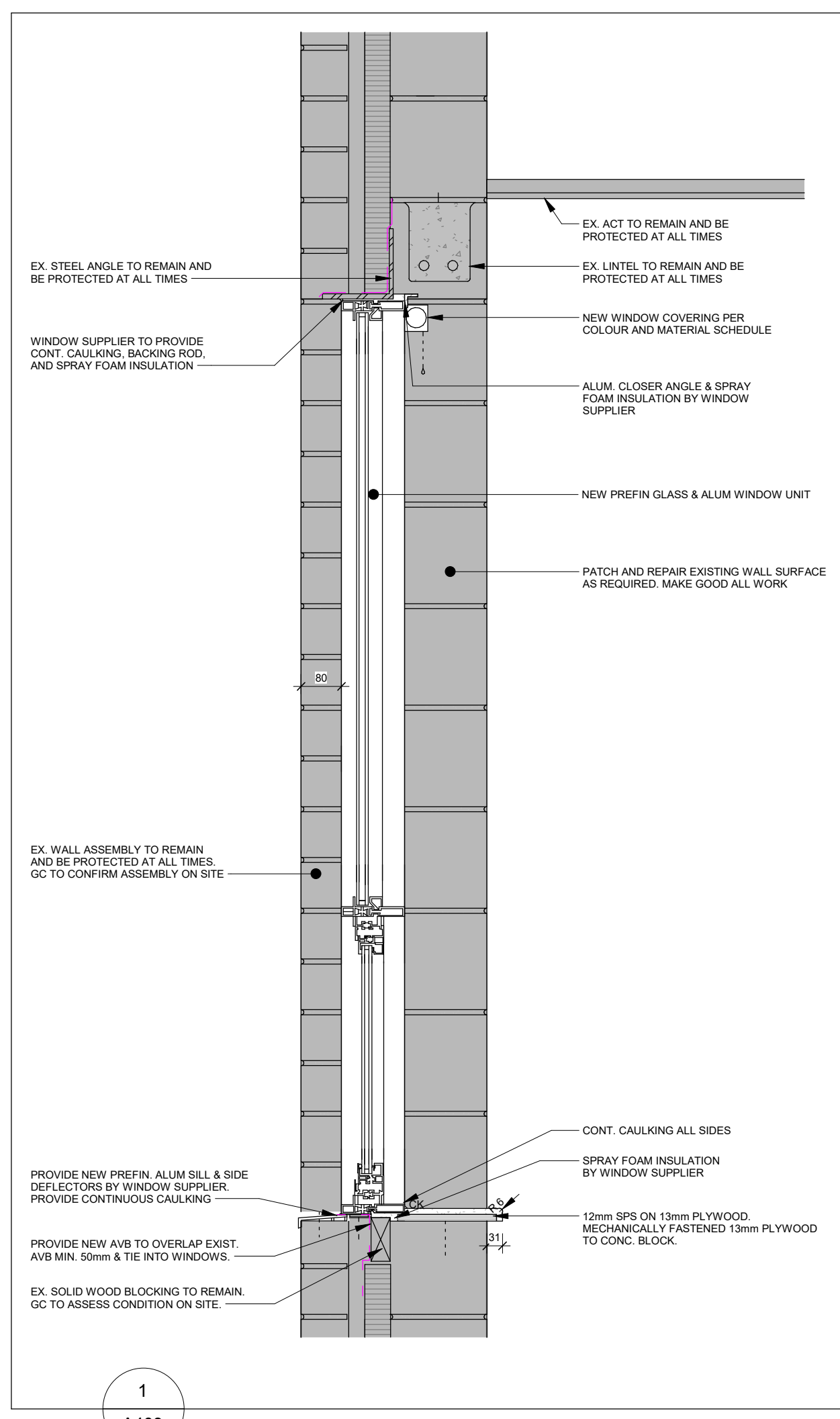
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Project Information		
Waterdown Highschool Renovation		
Hamilton Planning # DA-24-058		
215 Parkside Dr. Waterdown, Ontario		
For Hamilton-Wentworth District School Board		
Drawing Title		
Wall Sections & Details - Demolition		
Date	Project No	Drawing No
2026.05.01		
Drawn by	25019 A402	
KM EL		
Scale	1: 25	

A:\docsk\25019 - Waterdown Highschool Renovations\25019 - Waterdown Highschool Renovation_R04.rvt 2026-05-01 11:20 PM



Revision Table

No.	Revision	Date
1	Issued for Tender	2026 05 01
2	Issued for 50% CD	2026 03 17
3	Issued for Building Permit	2026 03 17
4	Issued for 75% CD	2026 02 27

Orientation

PROJECT NORTH

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Project Information

Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

For Hamilton-Wentworth District School Board

Drawing Title

Wall Sections & Details - Renovation

Date	2026.05.01	Project No	25019	Drawing No	A403
Drawn by	KM EL	Scale	As indicated		

TYP. Window w/ Burried Head

6 A403 1:25

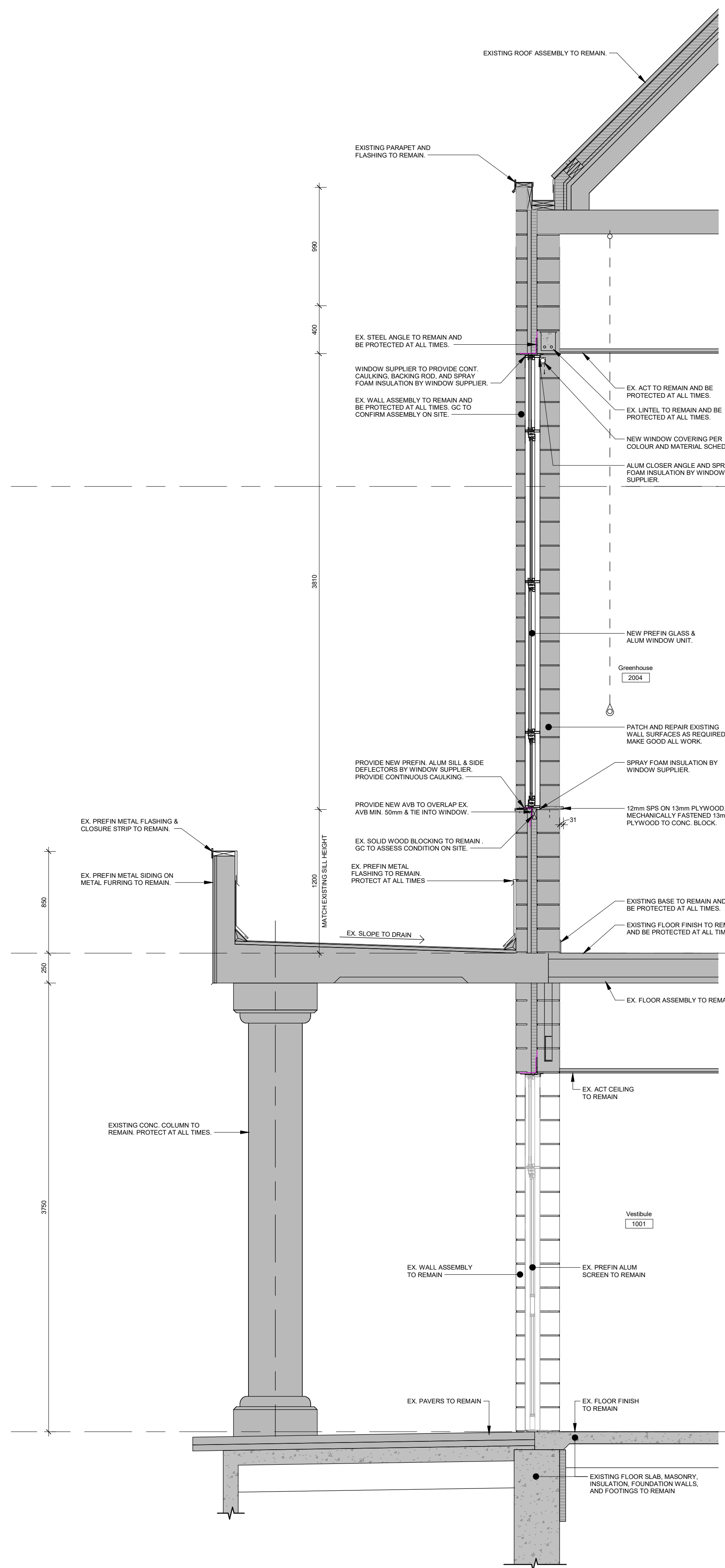
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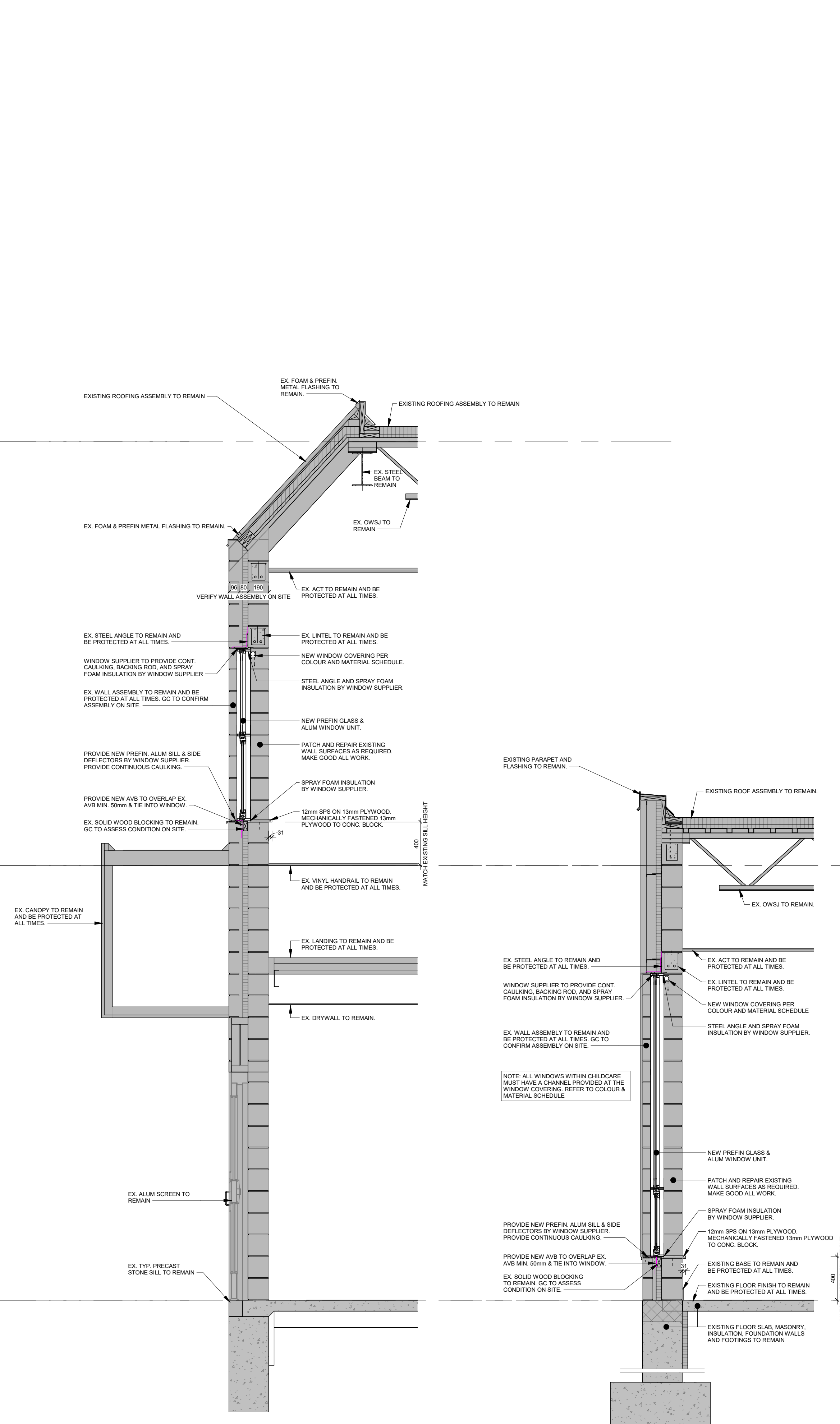
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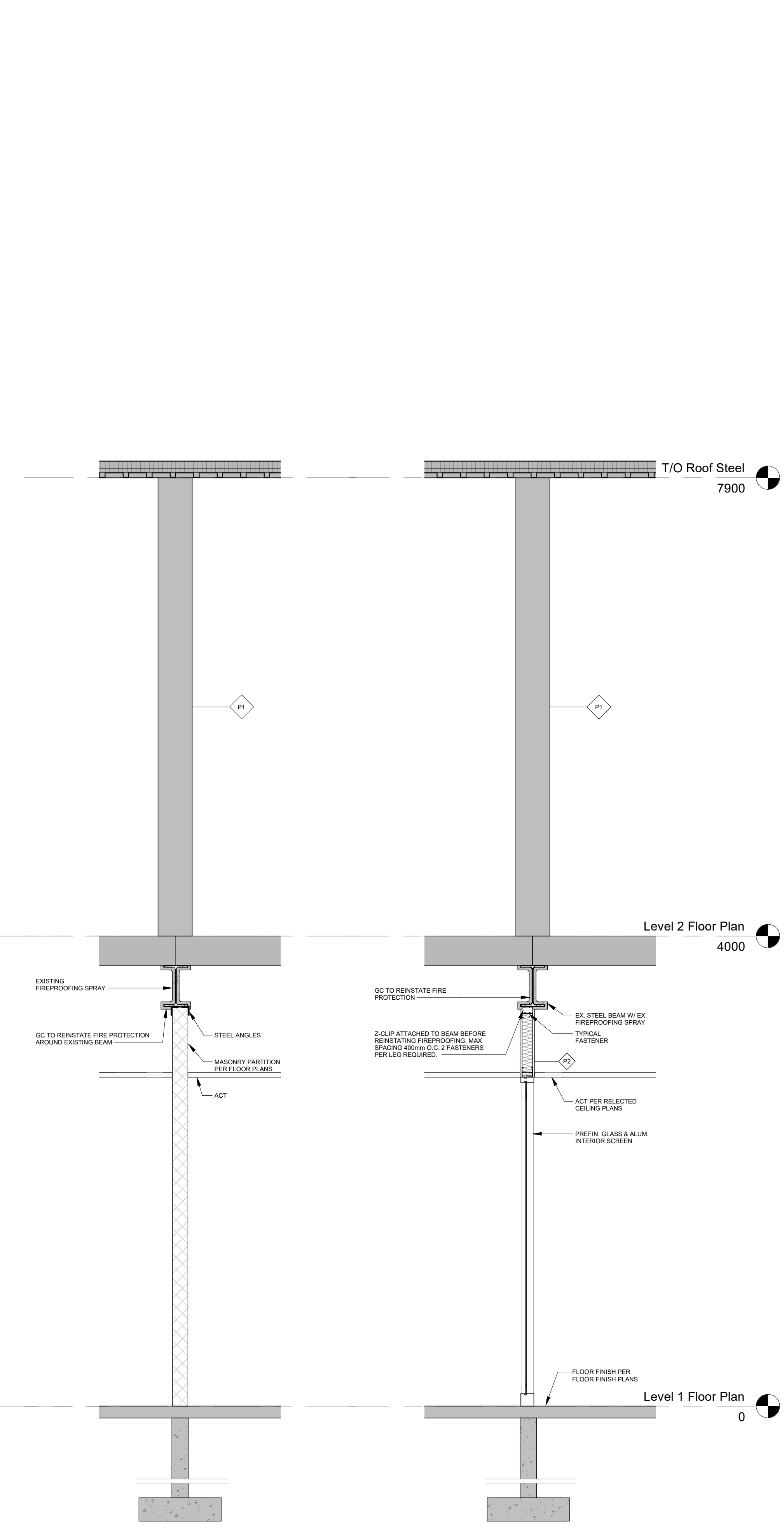
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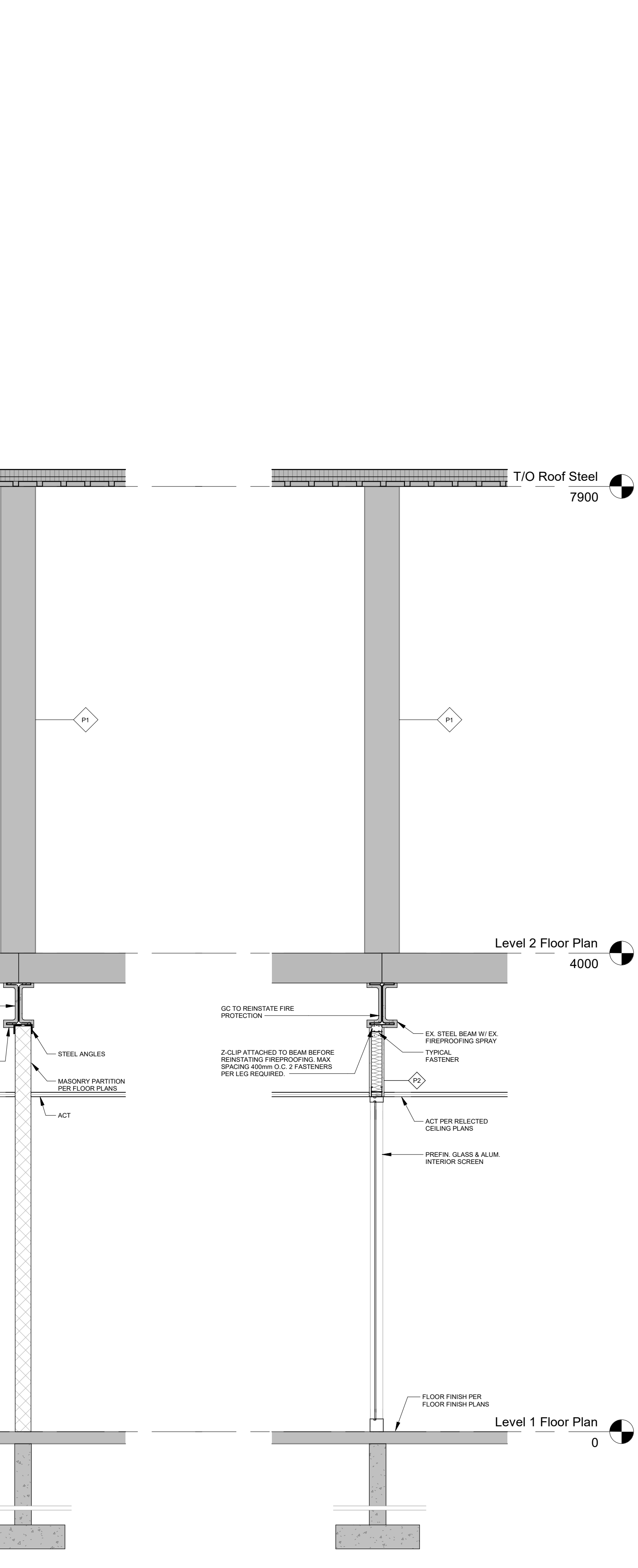
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A404 1:25



2
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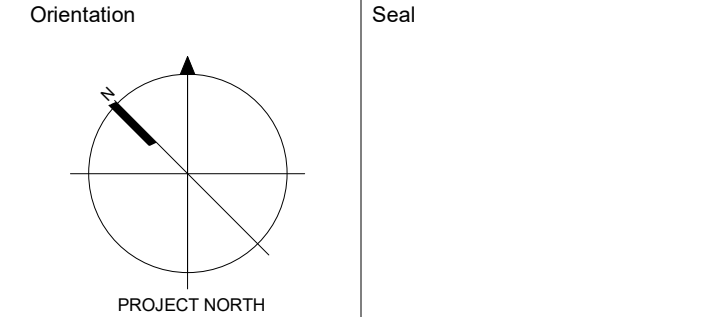


4
A404 1:25



5
A404 1:25

No.	Revision	Date
4	Issued for Tender	2026 05 01
3	Issued for 90% CD	2026 03 17
2	Issued for Building Permit	2026 03 17
1	Issued for 75% CD	2026 02 27



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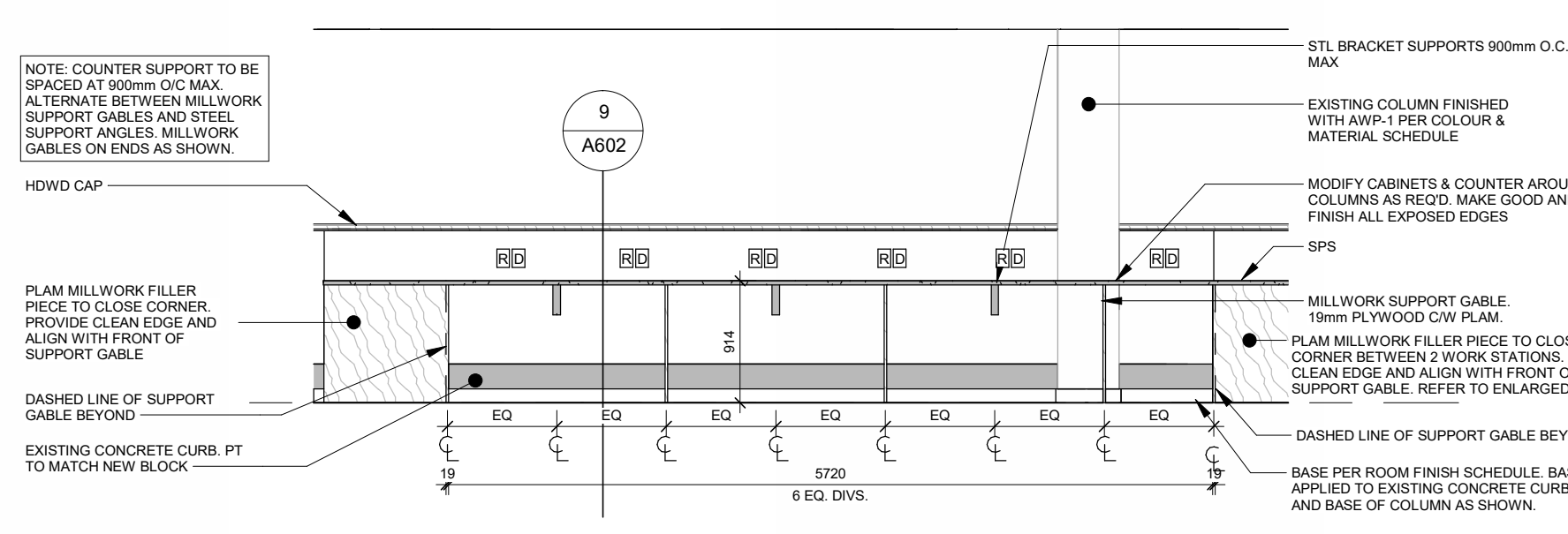
Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

For
Hamilton-Wentworth District School Board

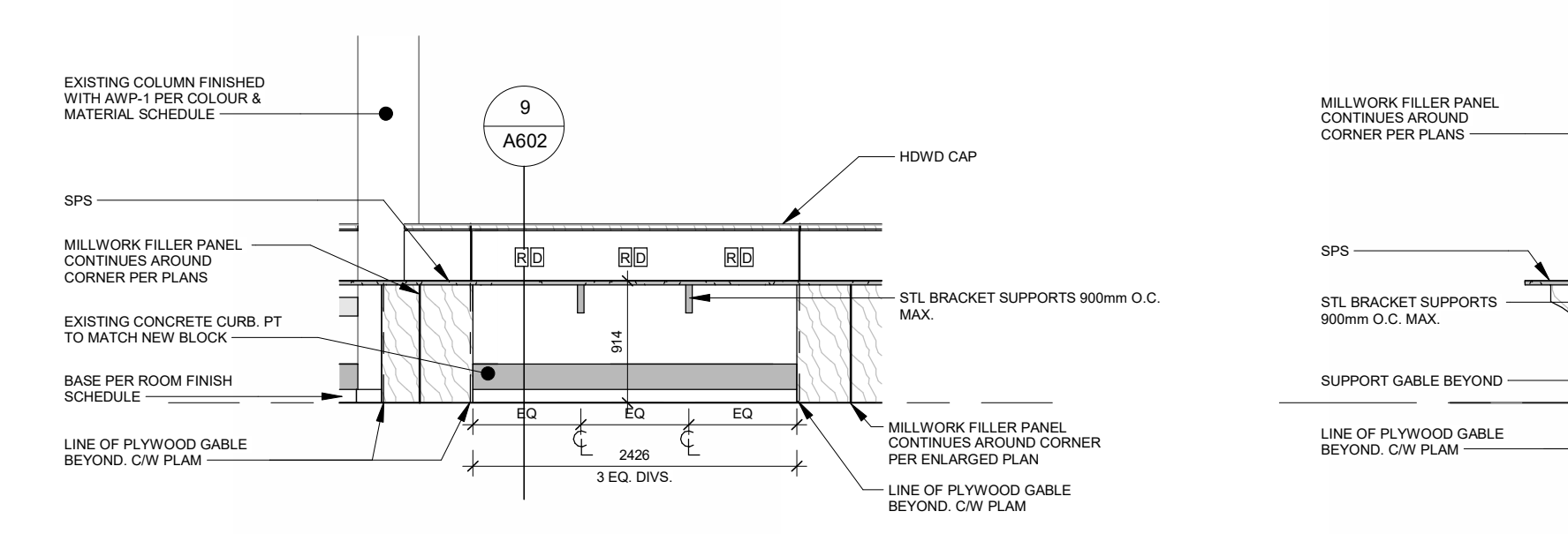
Drawing Title
Wall Sections & Details - Renovation

Date	Project No	Drawing No
2026.05.01	25019	A404
Drawn by KM EL		
Scale 1:25		

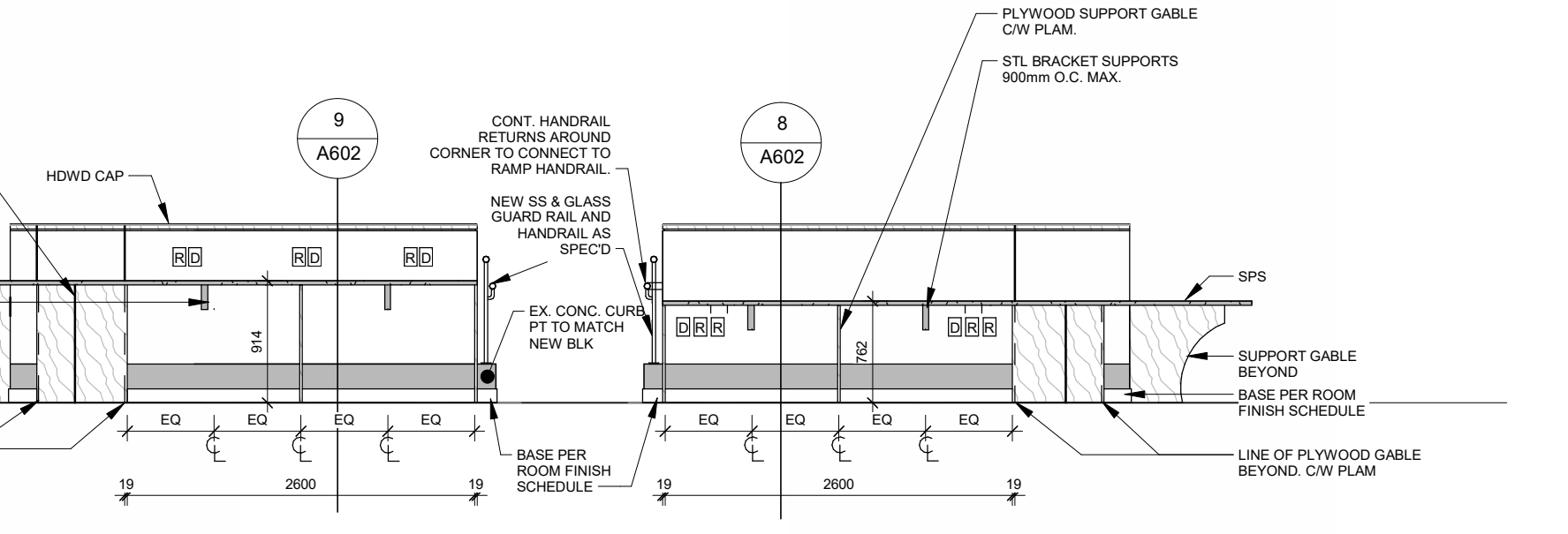
- MILLWORK GENERAL NOTES:**
- CONTRACTOR TO SITE MEASURE ALL MILLWORK DIMENSIONS BEFORE FABRICATION.
 - SHOP DRAWINGS FOR ALL MILLWORK TO BE PROVIDED TO CONSULTANT FOR APPROVAL PRIOR TO FABRICATION.
 - COORDINATE WIDTHS OF OPENINGS IN MILLWORK WITH APPLIANCE WIDTHS PRIOR TO FABRICATION.
 - COORDINATE ALL OUTLETS IN MILLWORK WITH MECHANICAL AND ELECTRICAL DRAWINGS.
 - PROVIDE IN WALL BLOCKING AS REQ. FOR ALL MILLWORK.



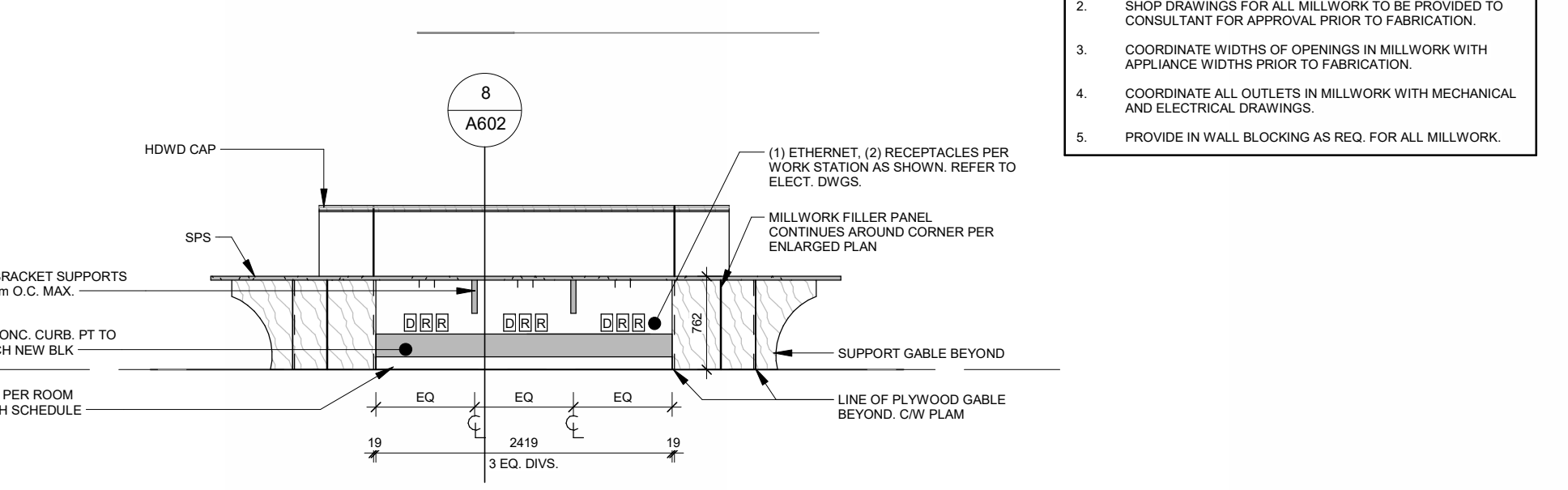
1 Learning Commons - Barista Seating
1: 50



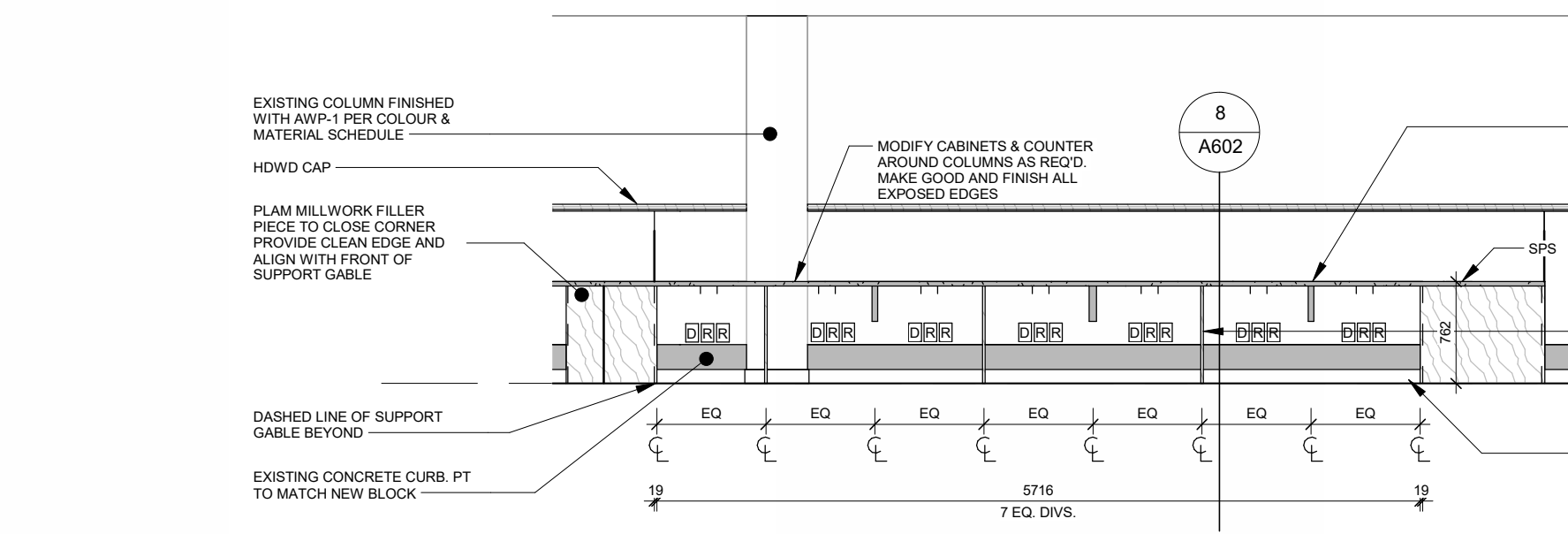
2 Learning Commons - Barista Seating
1: 50



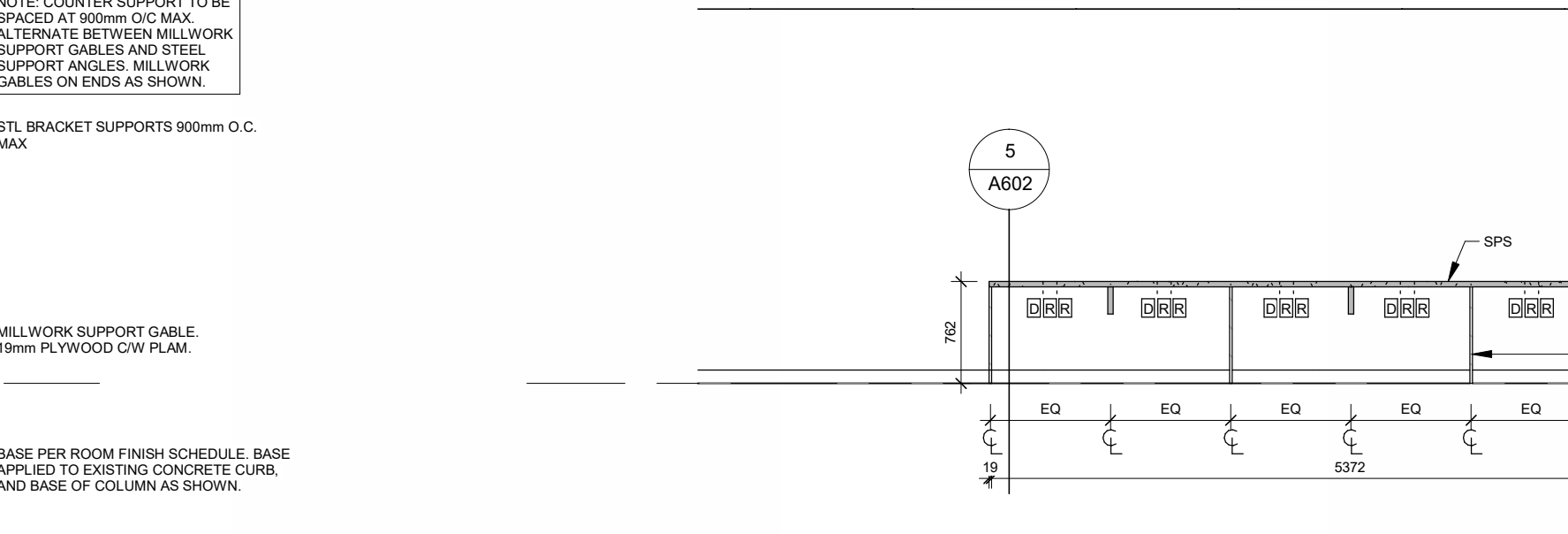
3 Learning Commons - Barista & BF Seating
1: 50



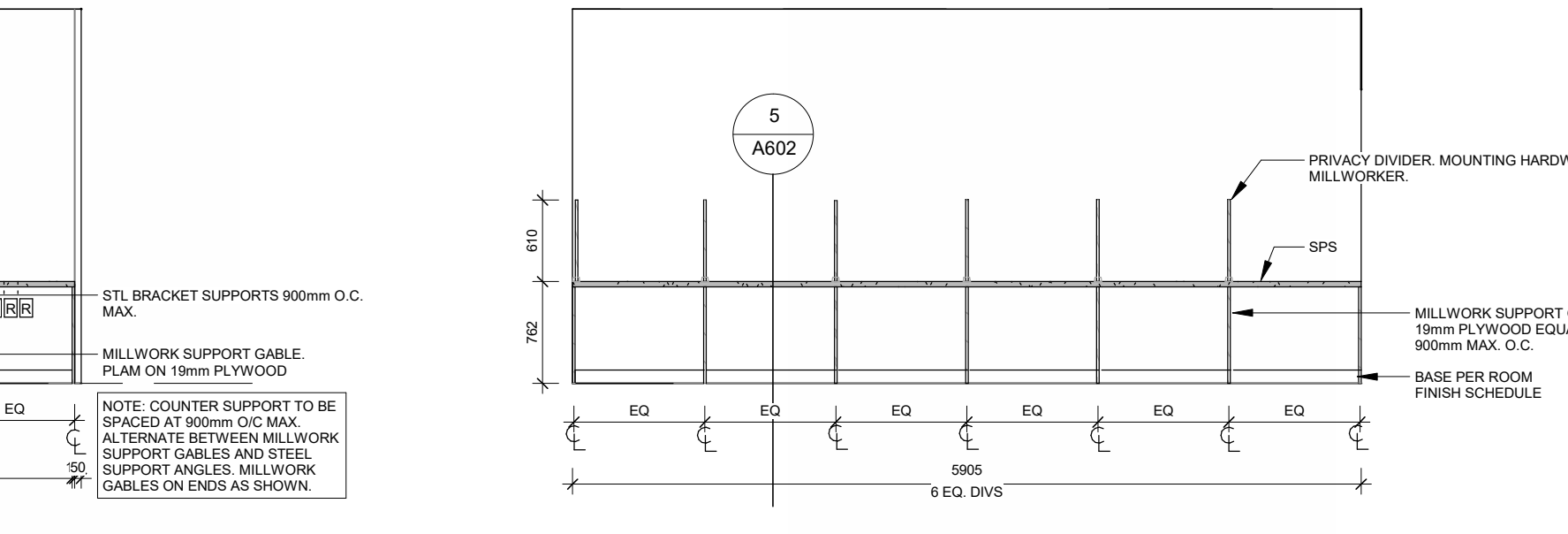
4 Learning Commons - Computer Seating
1: 50



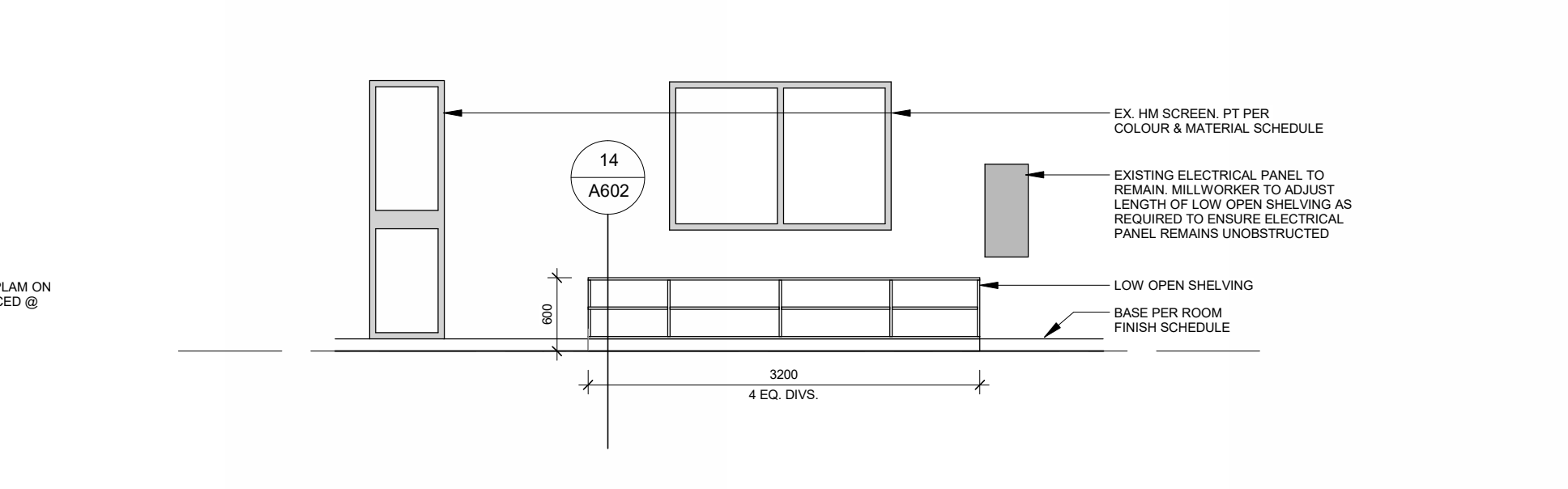
5 Learning Commons - Computer Seating
1: 50



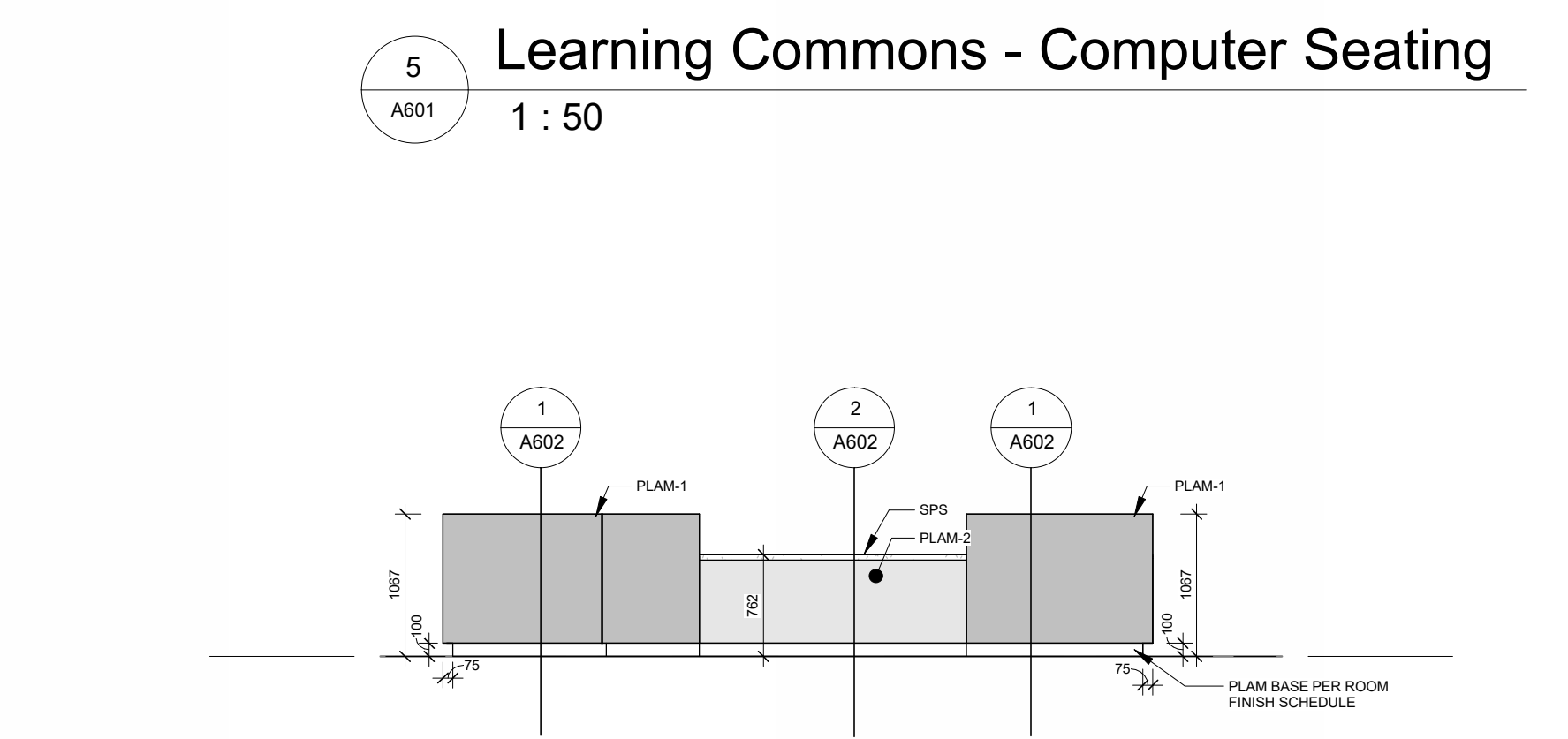
6 Learning Commons - Computer Seating
1: 50



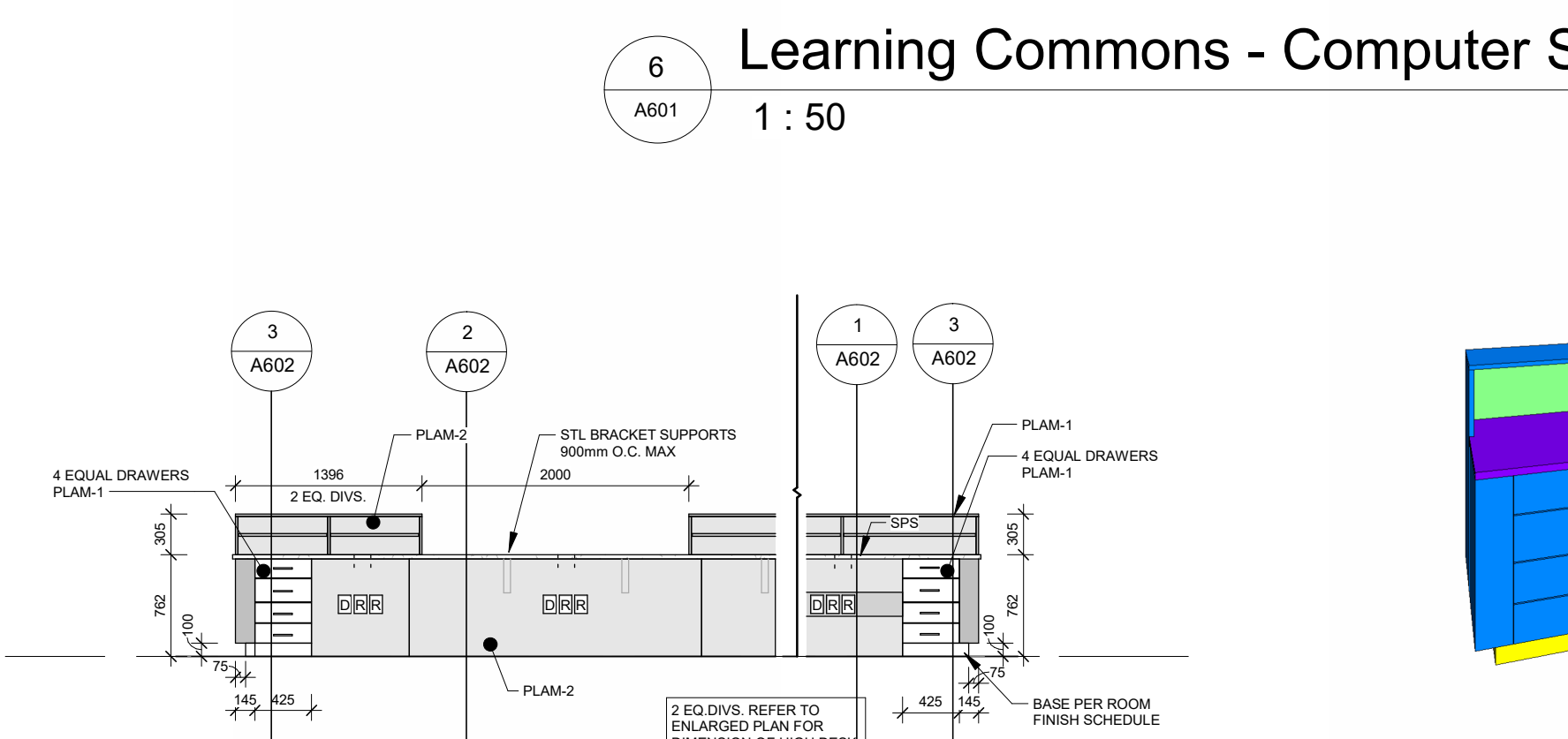
7 Learning Commons - Study Carrels
1: 50



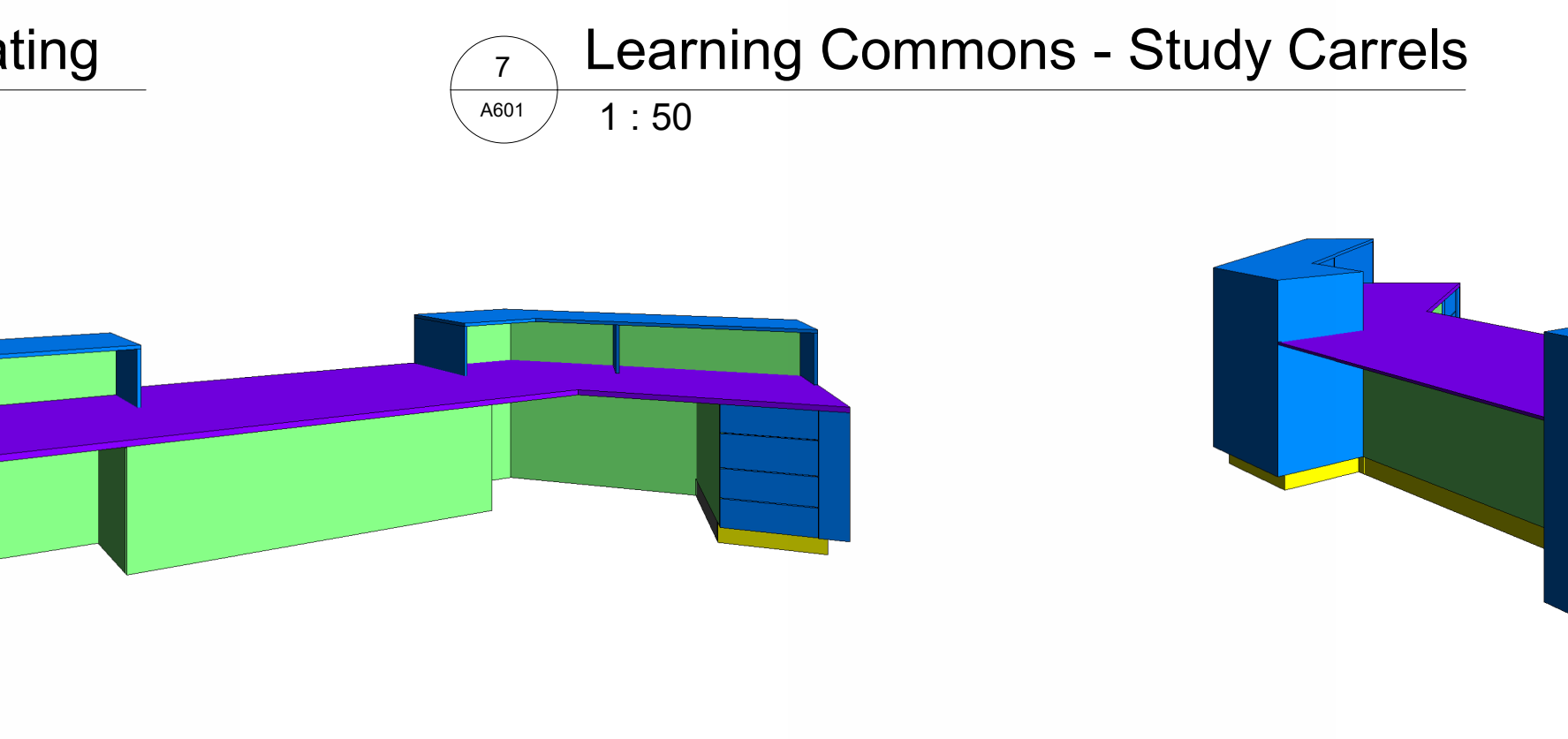
8 Learning Commons - Low Open Shelving
1: 50



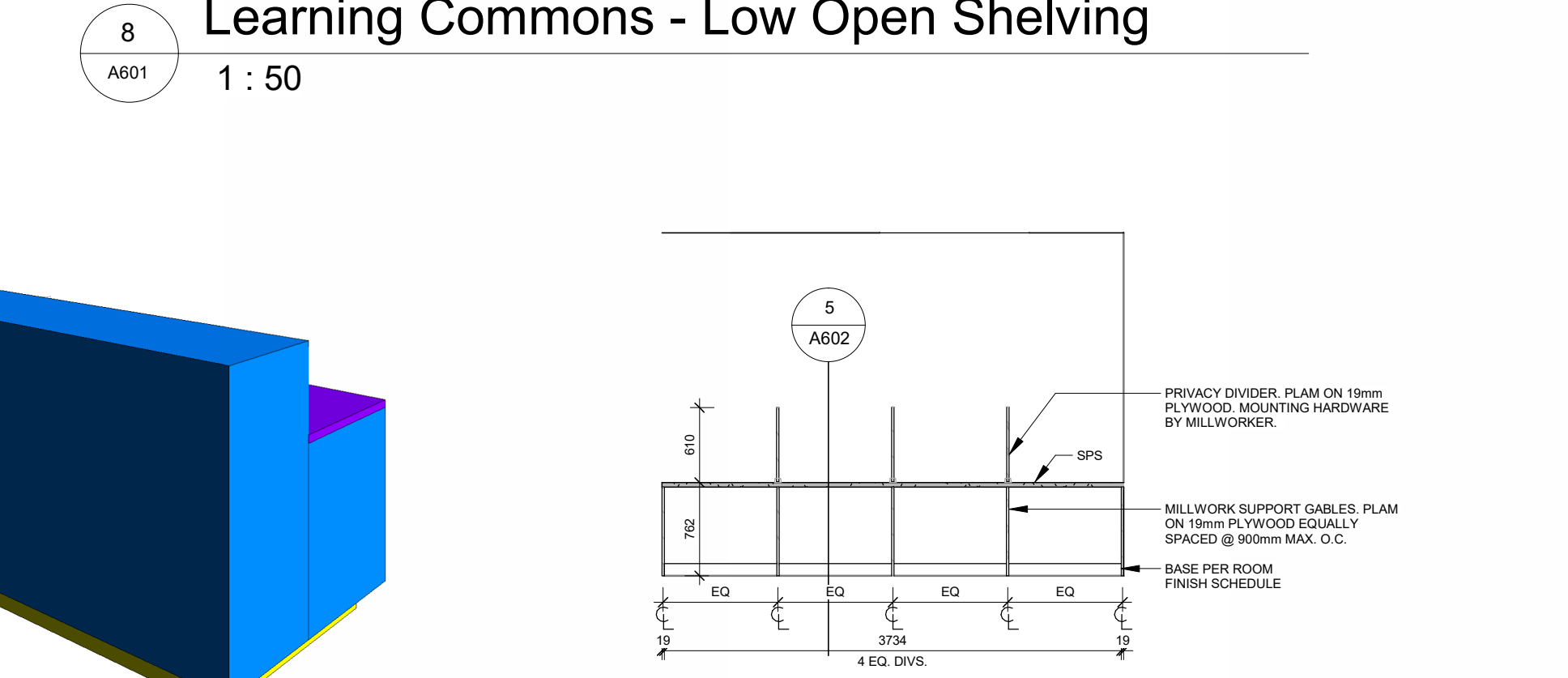
9 Learning Commons - Reception Desk
1: 50



10 LC - Reception Desk Staff Side
1: 50

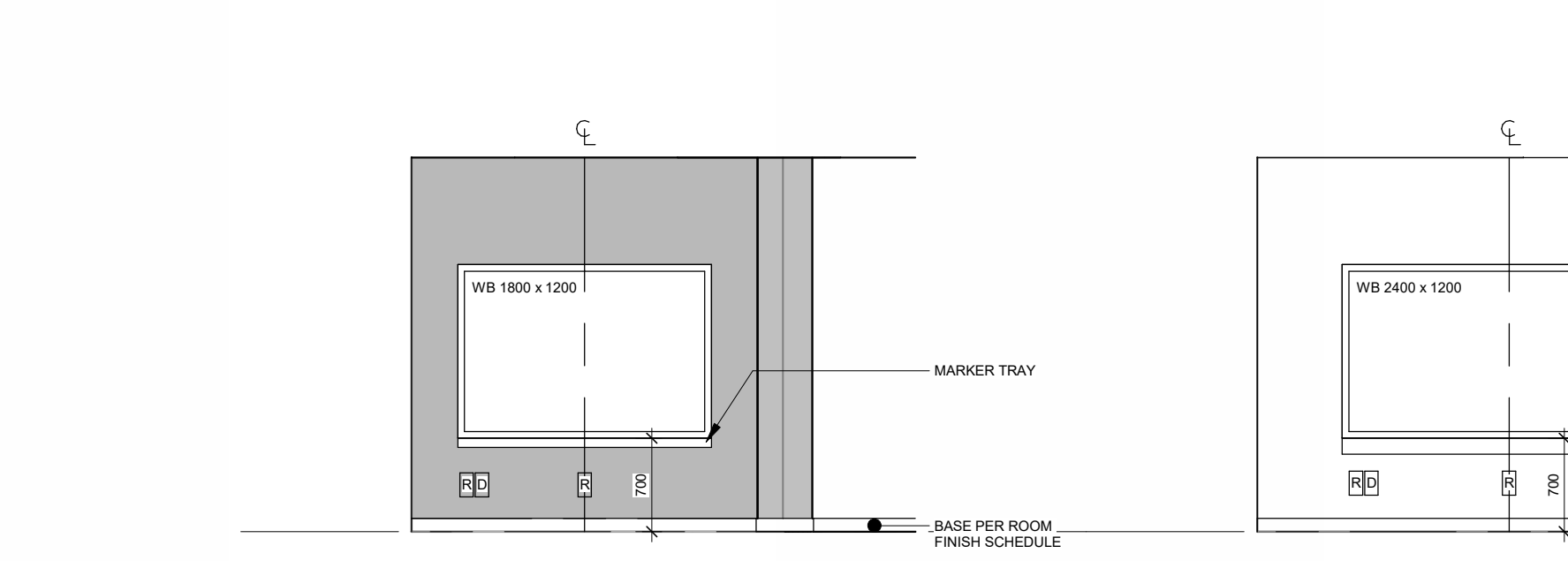


11 LC - Reception Desk Staff Side - 3D
1: 50

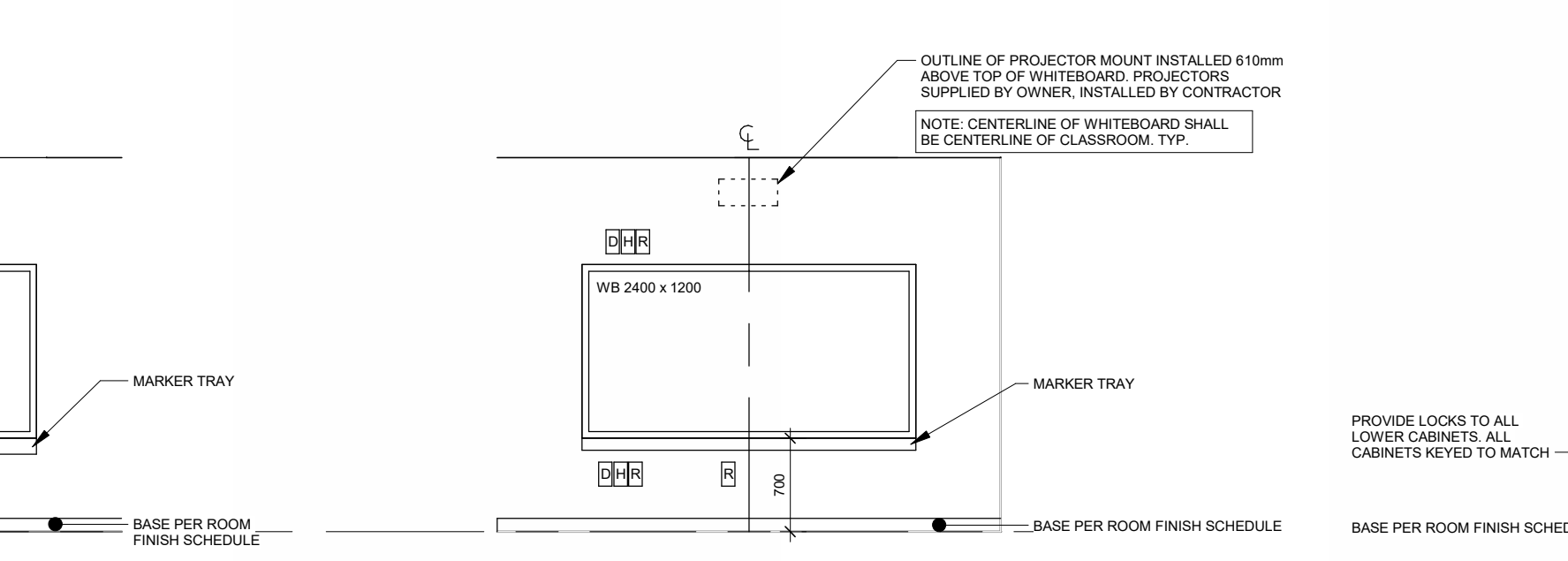


12 LC - Reception Desk Student Side - 3D
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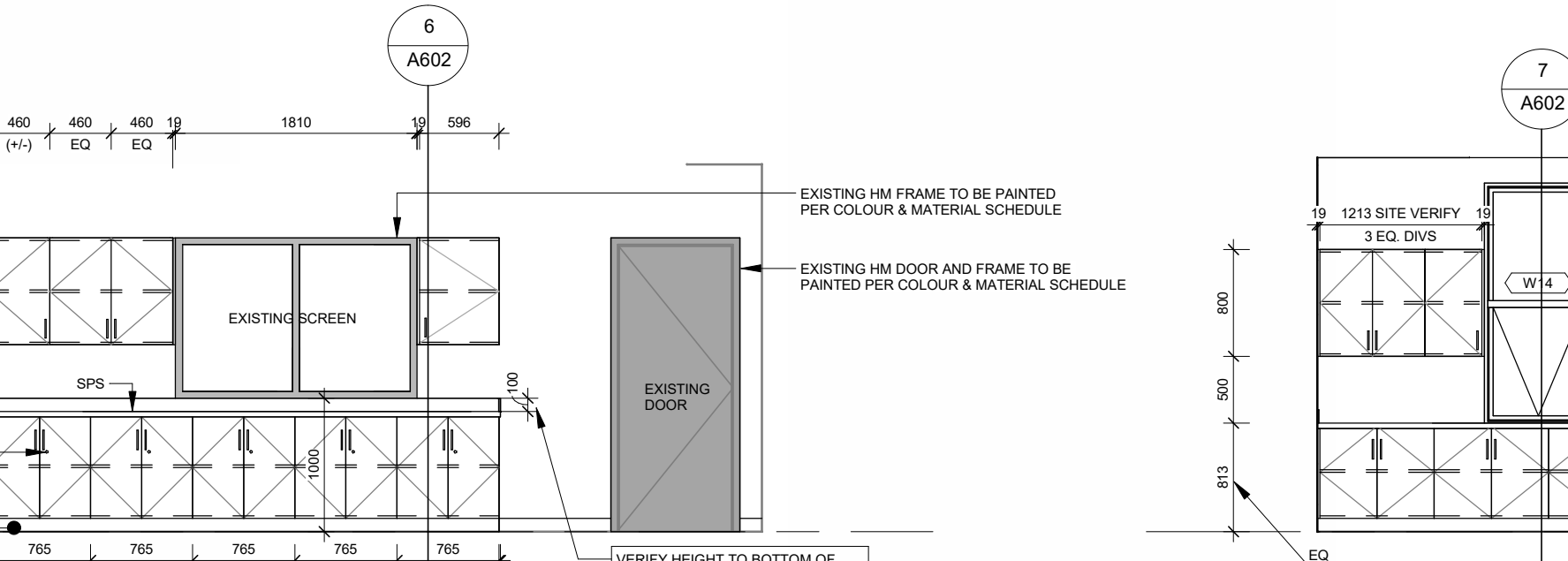
13 Seminar Room 1041
1: 50



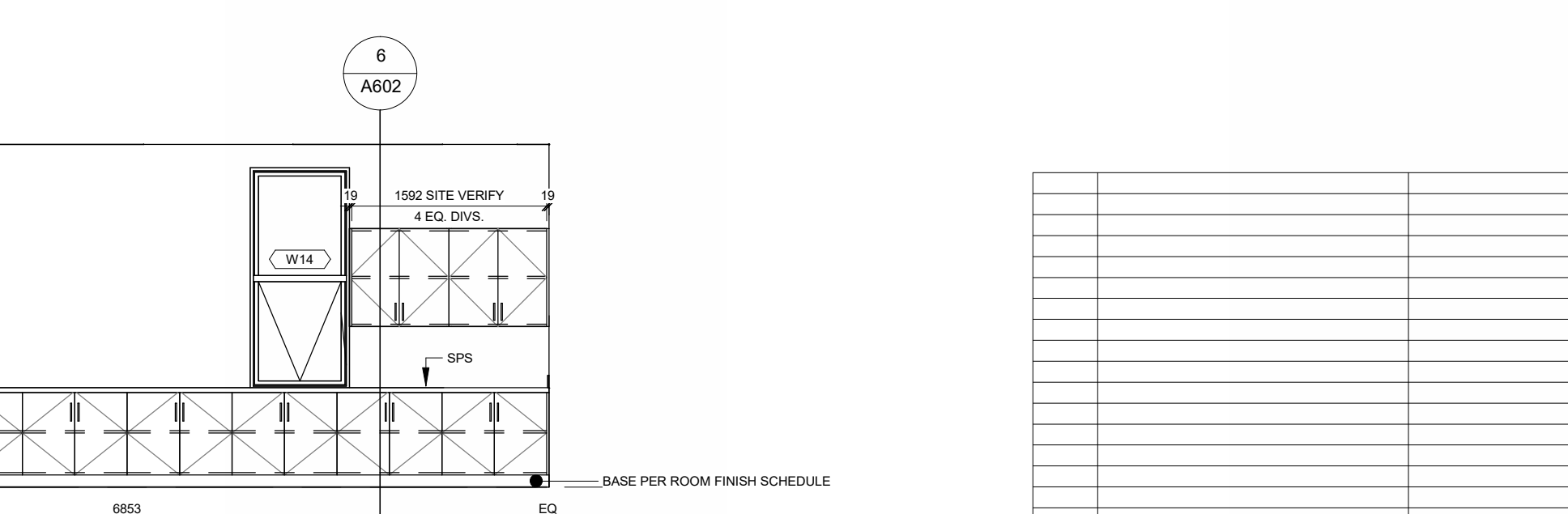
14 Seminar Room 1041
1: 50



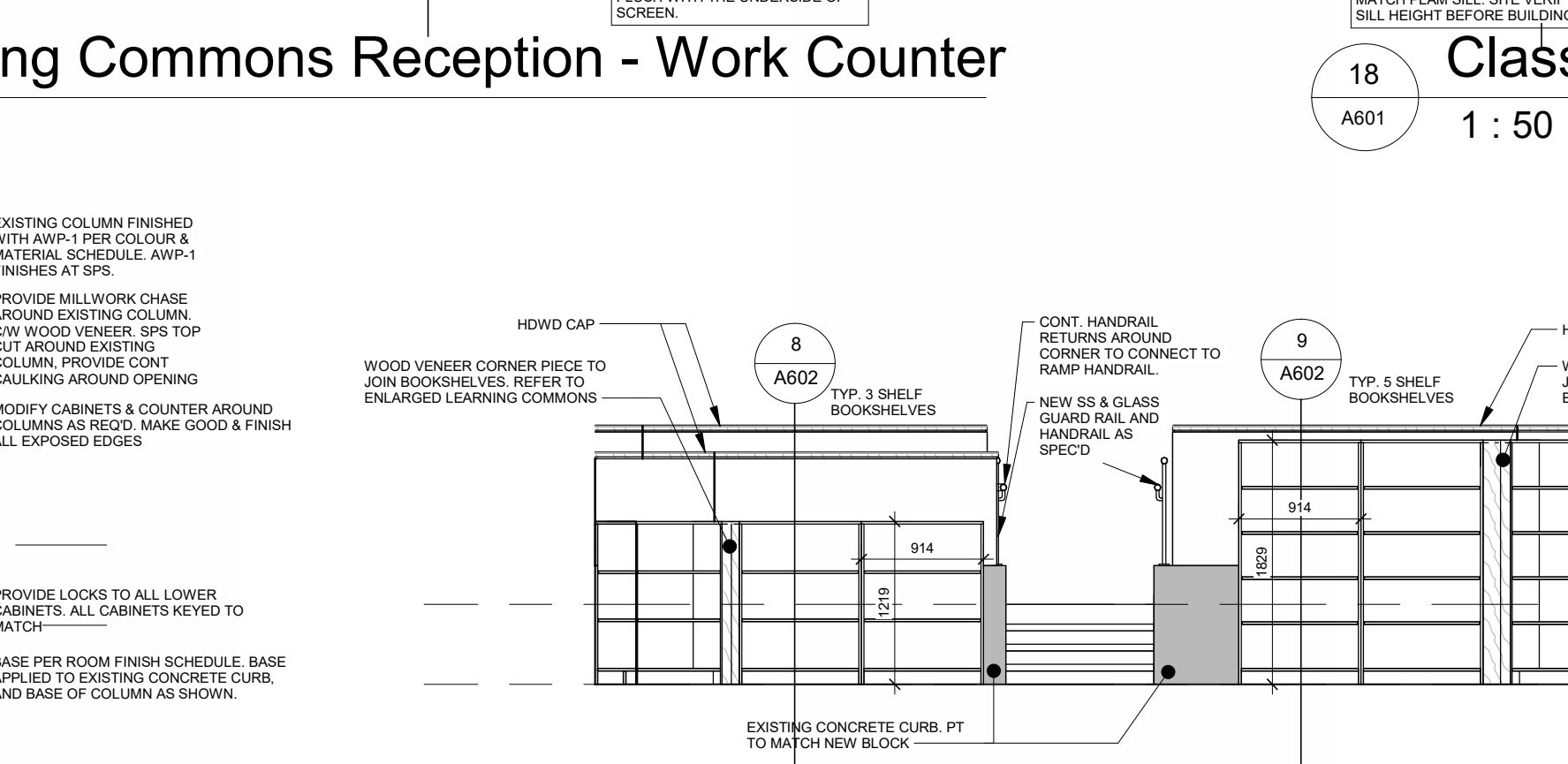
15 Seminar Room 1042
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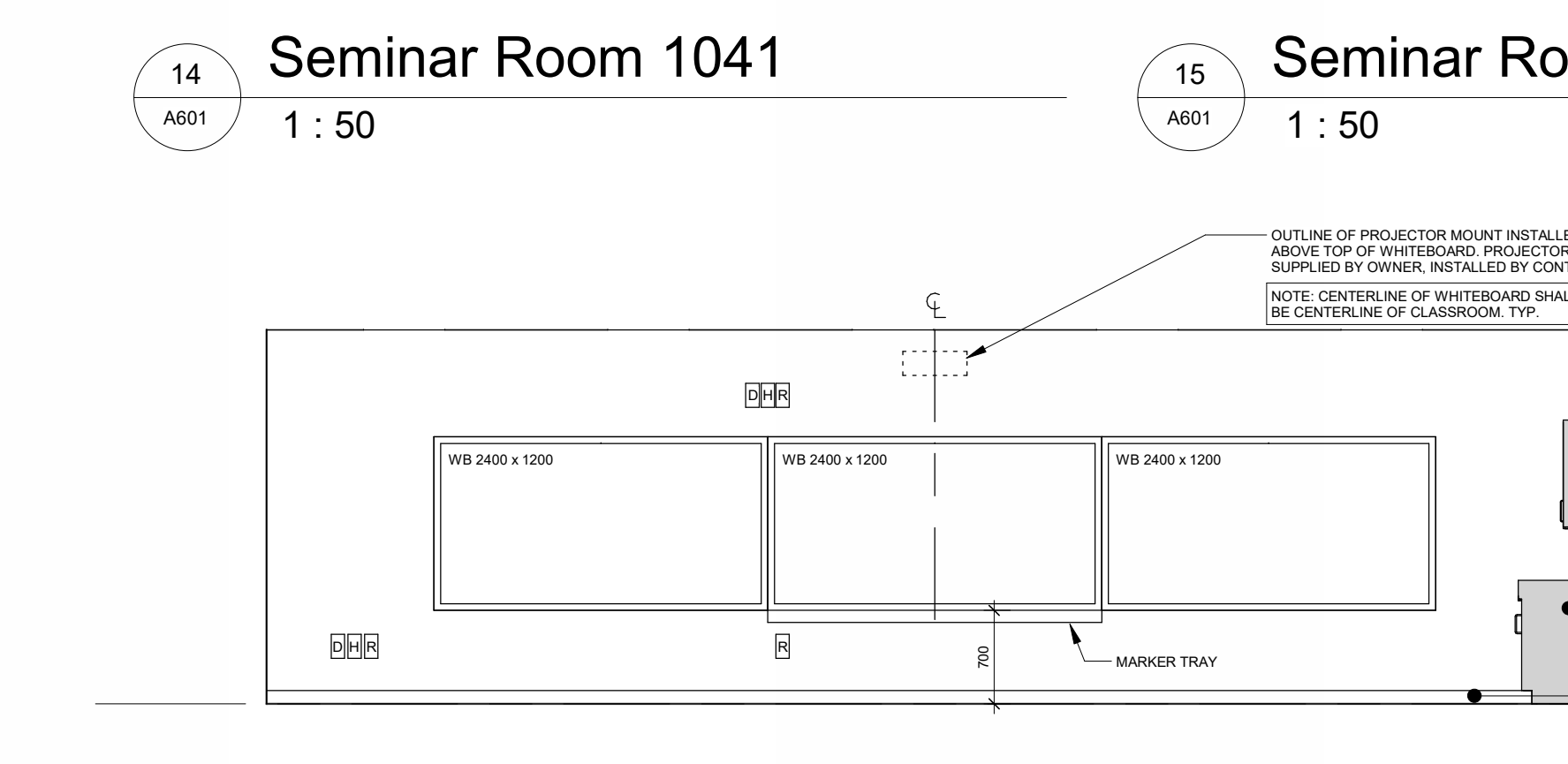
16 Seminar Room 1043
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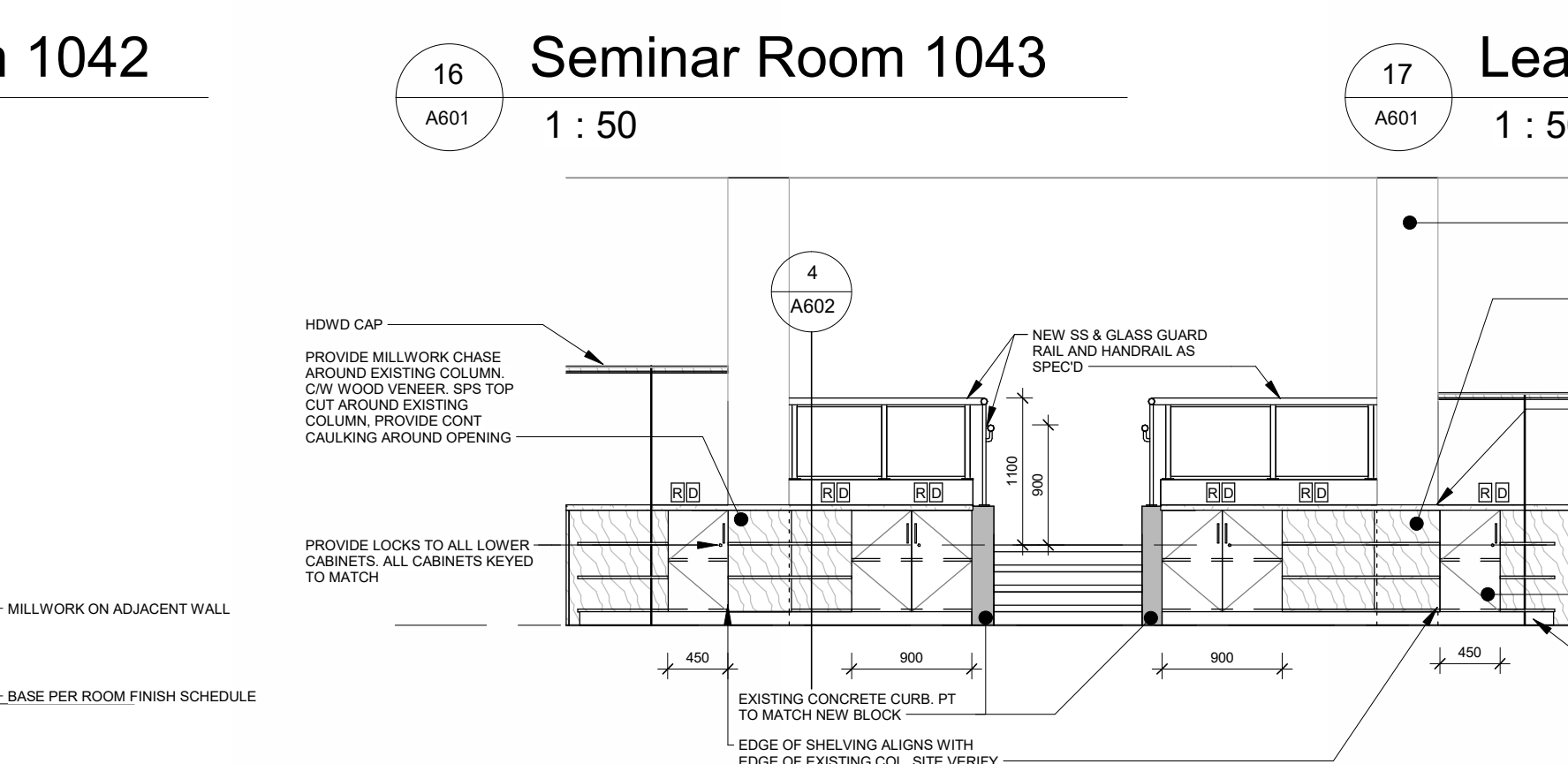
17 Learning Commons Reception - Work Counter
1: 50



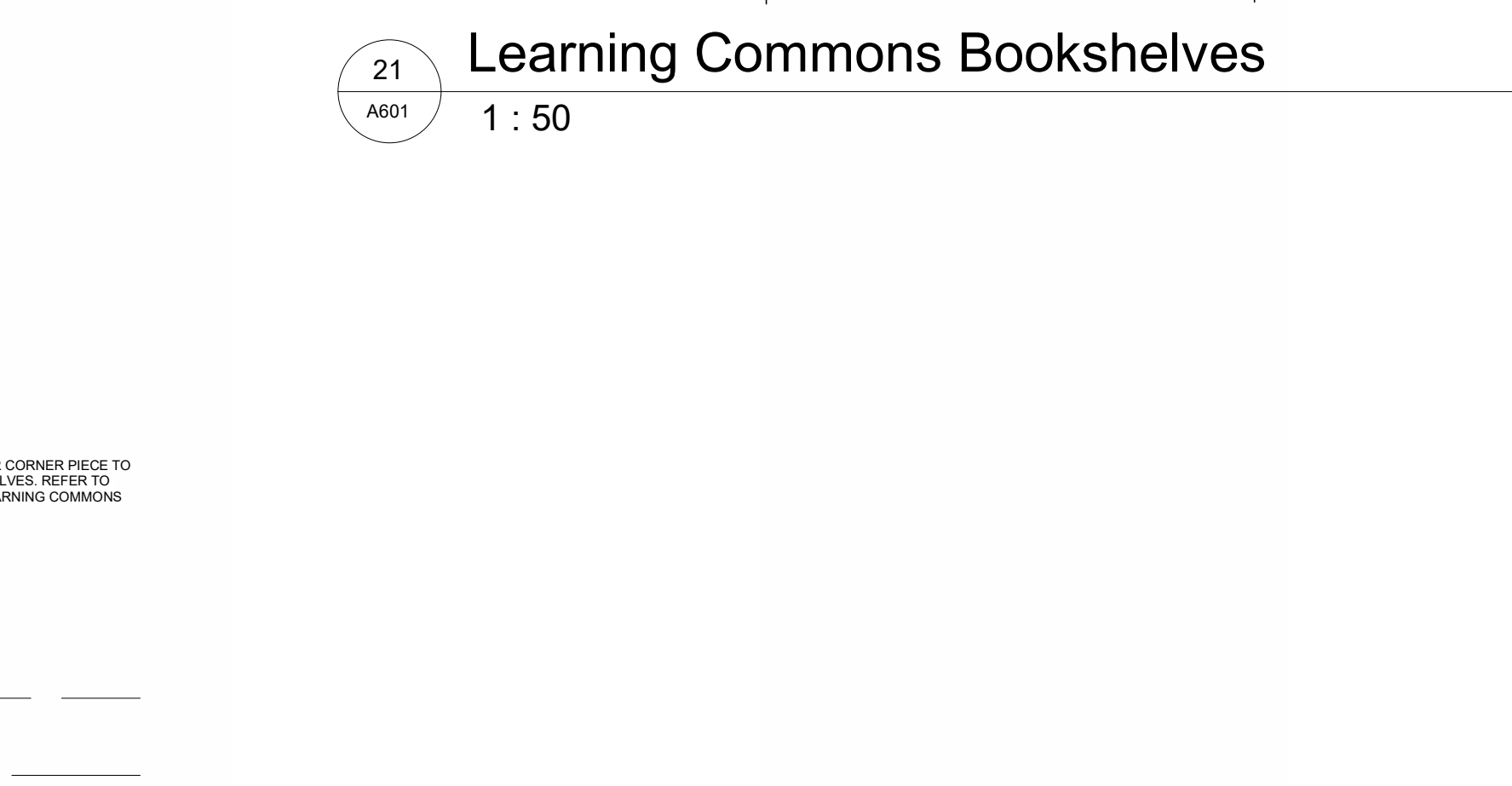
18 Classroom 1031 Millwork
1: 50



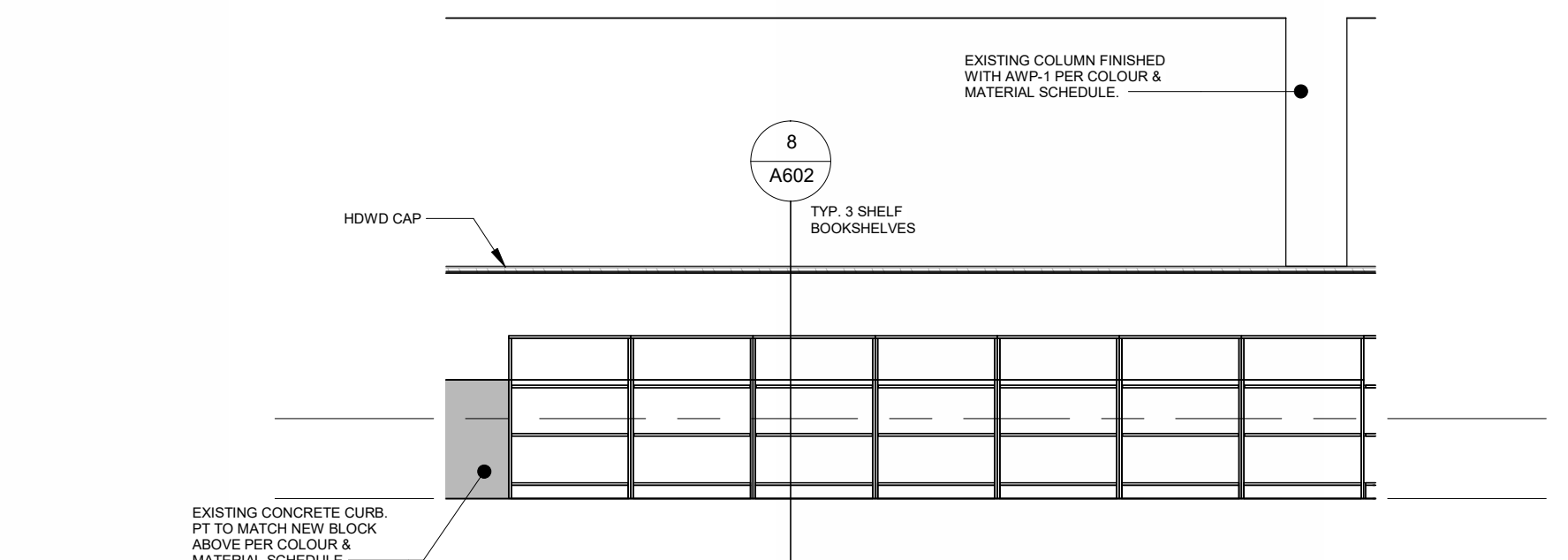
19 Classroom 1031 - Teaching Wall
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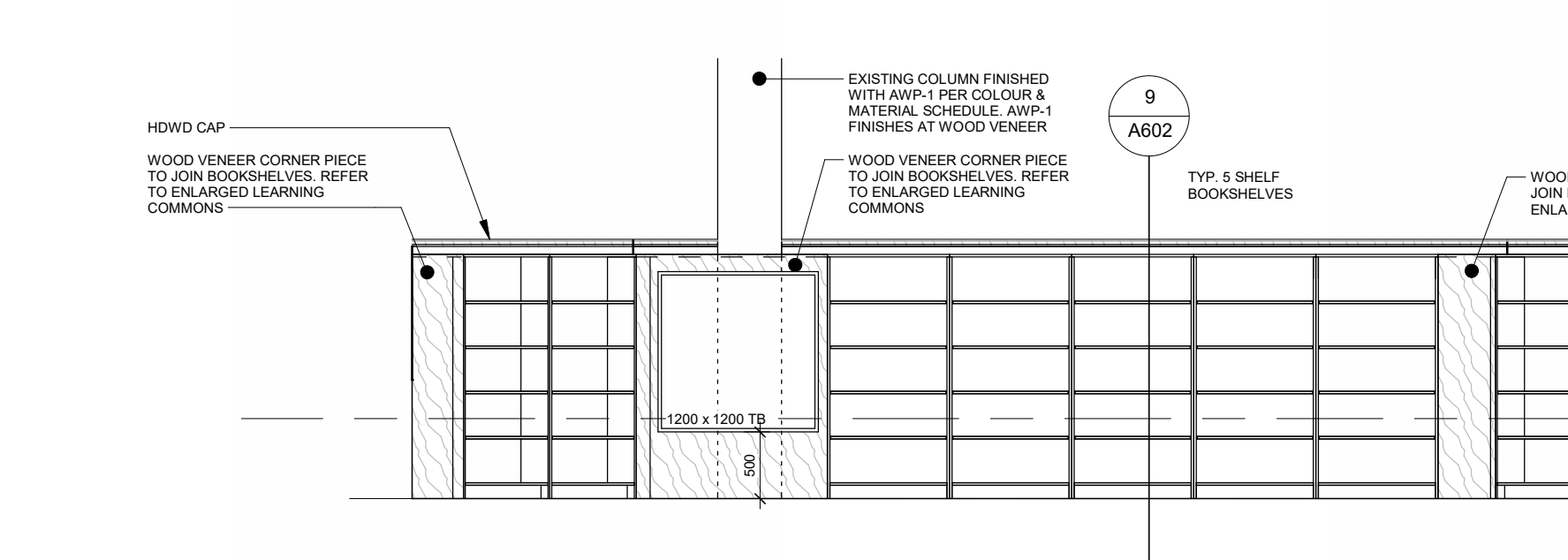
20 Learning Commons - Creative Work Space
1: 50



21 Learning Commons Bookshelves
1: 50

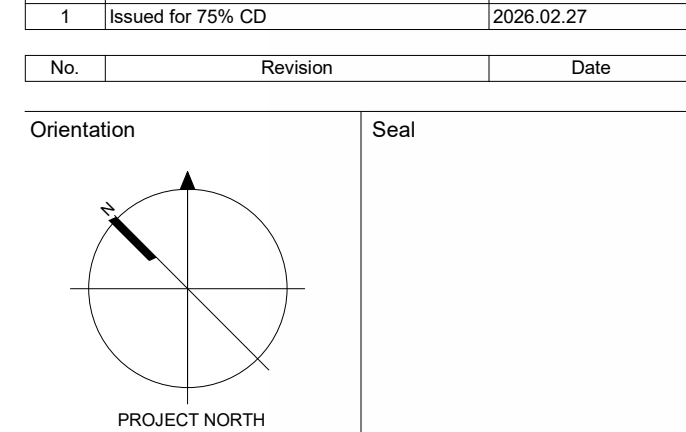


22 Learning Commons - Book Shelves
1: 50



23 Learning Commons - Book Shelves
1: 50

No.	Revision	Date
3	Issued for Tender	2026.05.01
2	Issued for 95% CD	2026.05.17
1	Issued for 75% CD	2026.02.27



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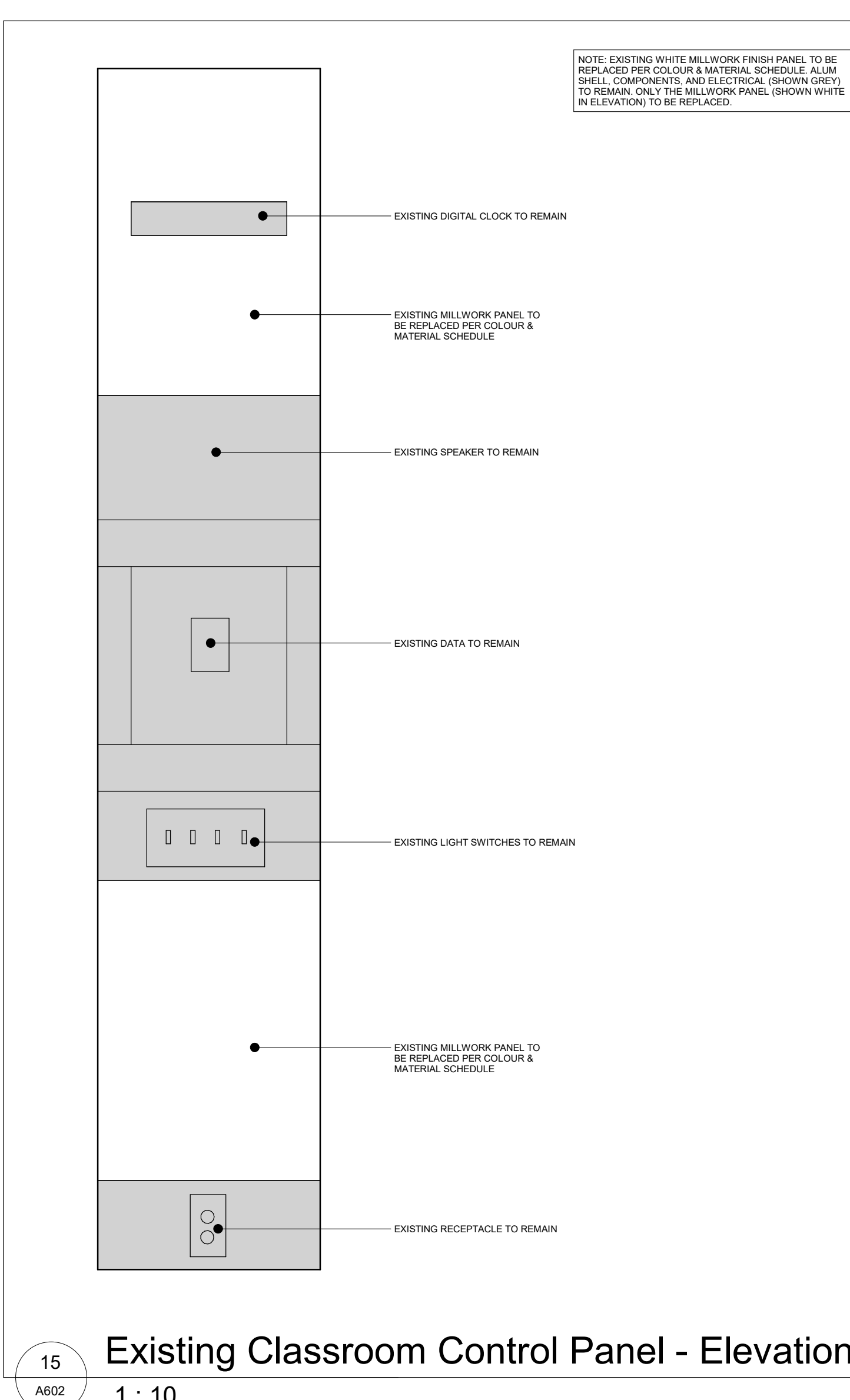
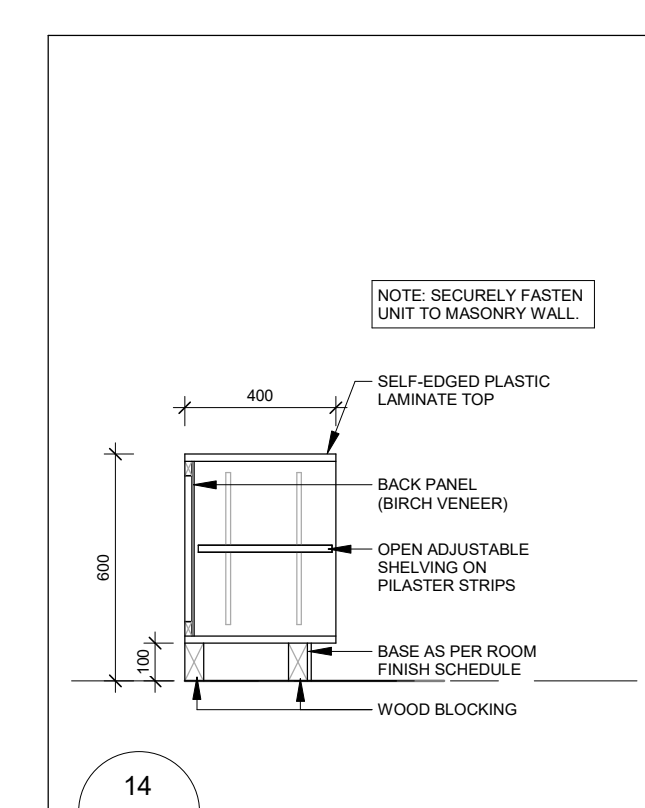
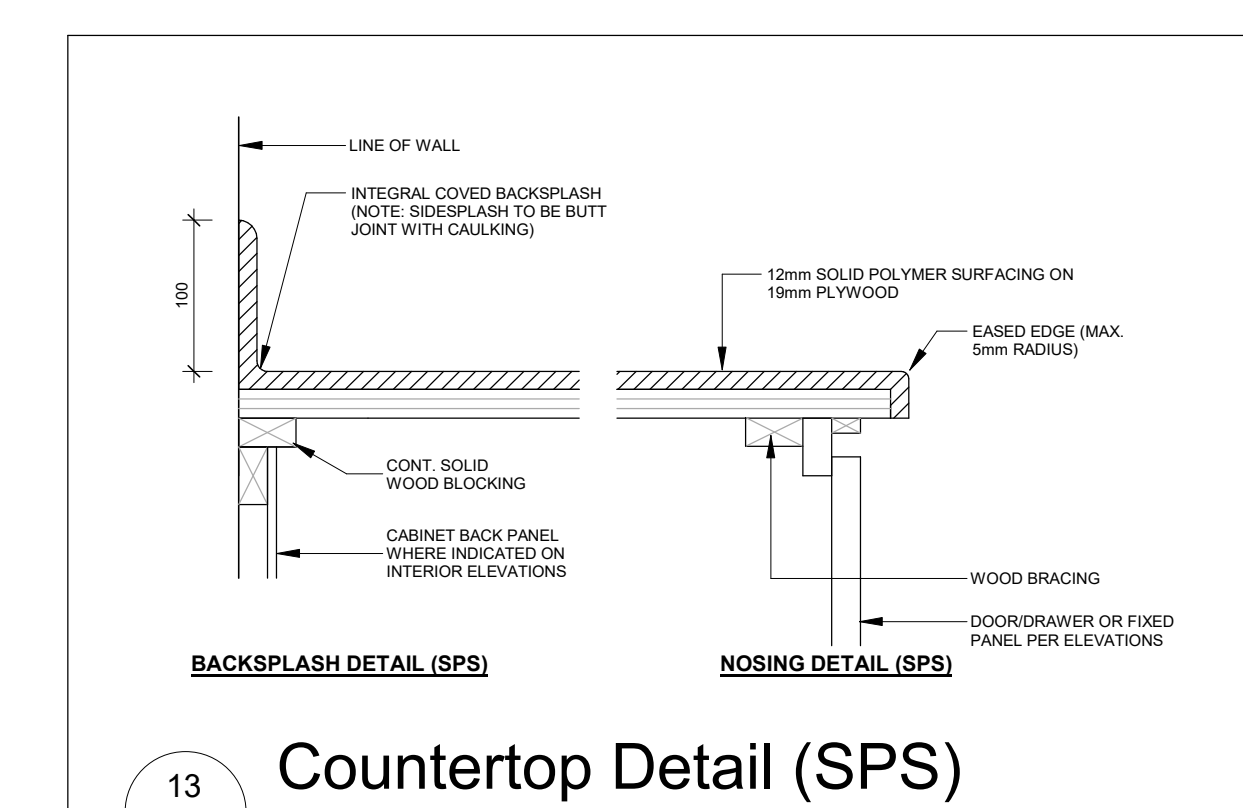
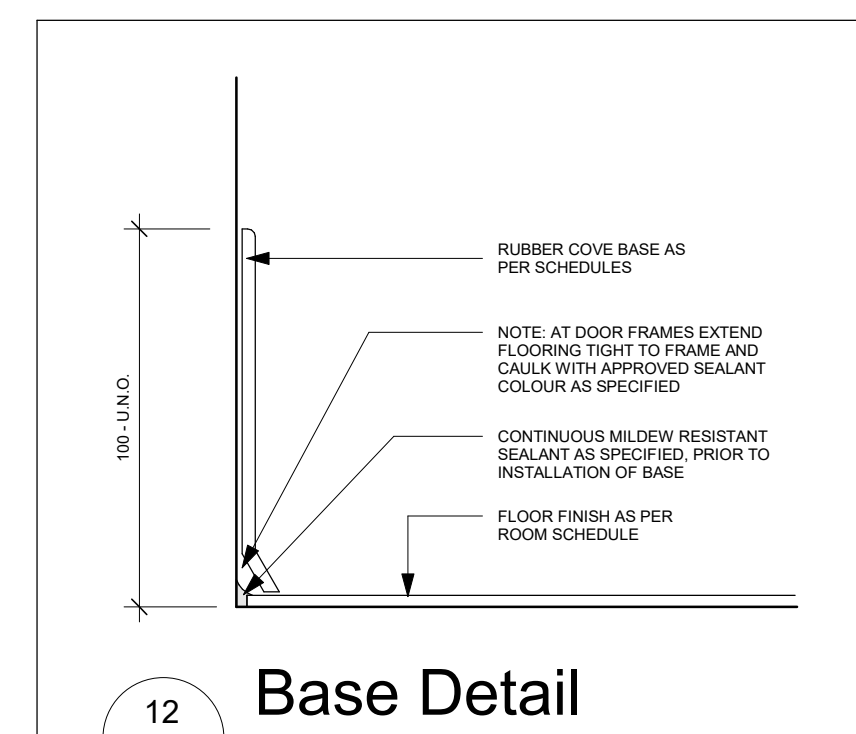
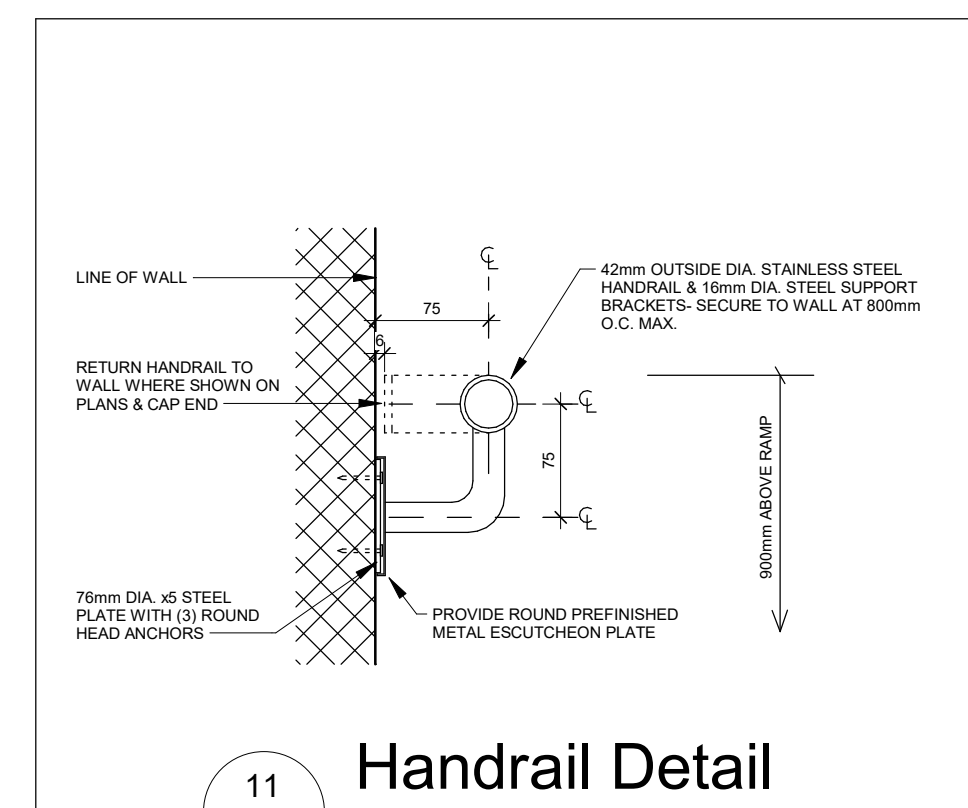
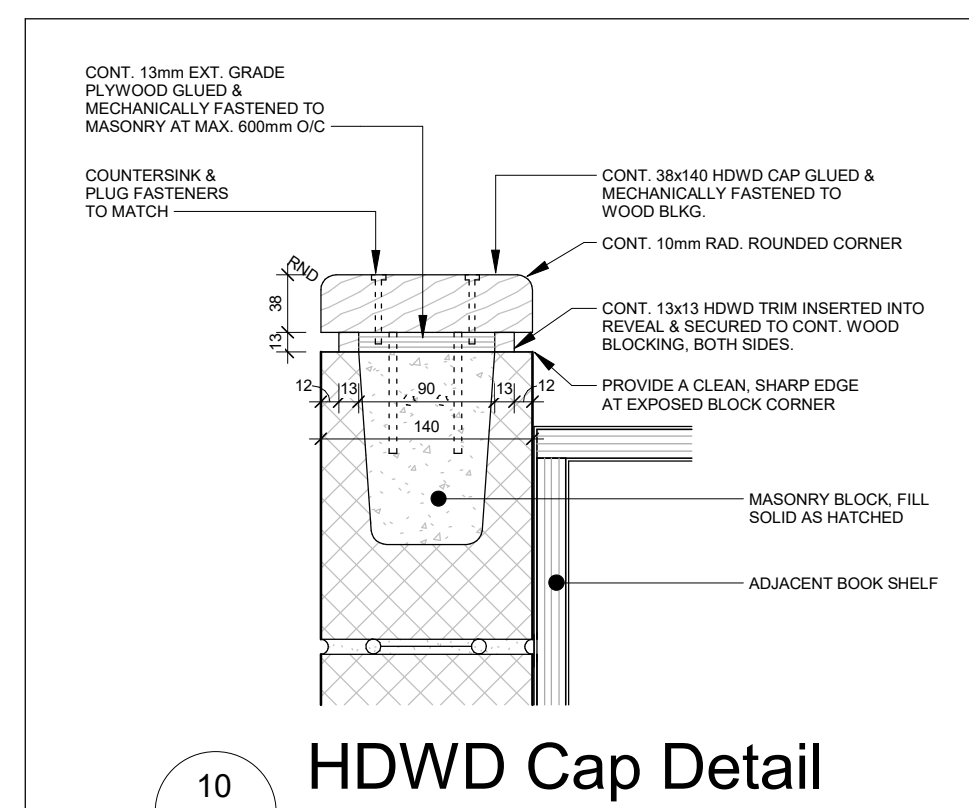
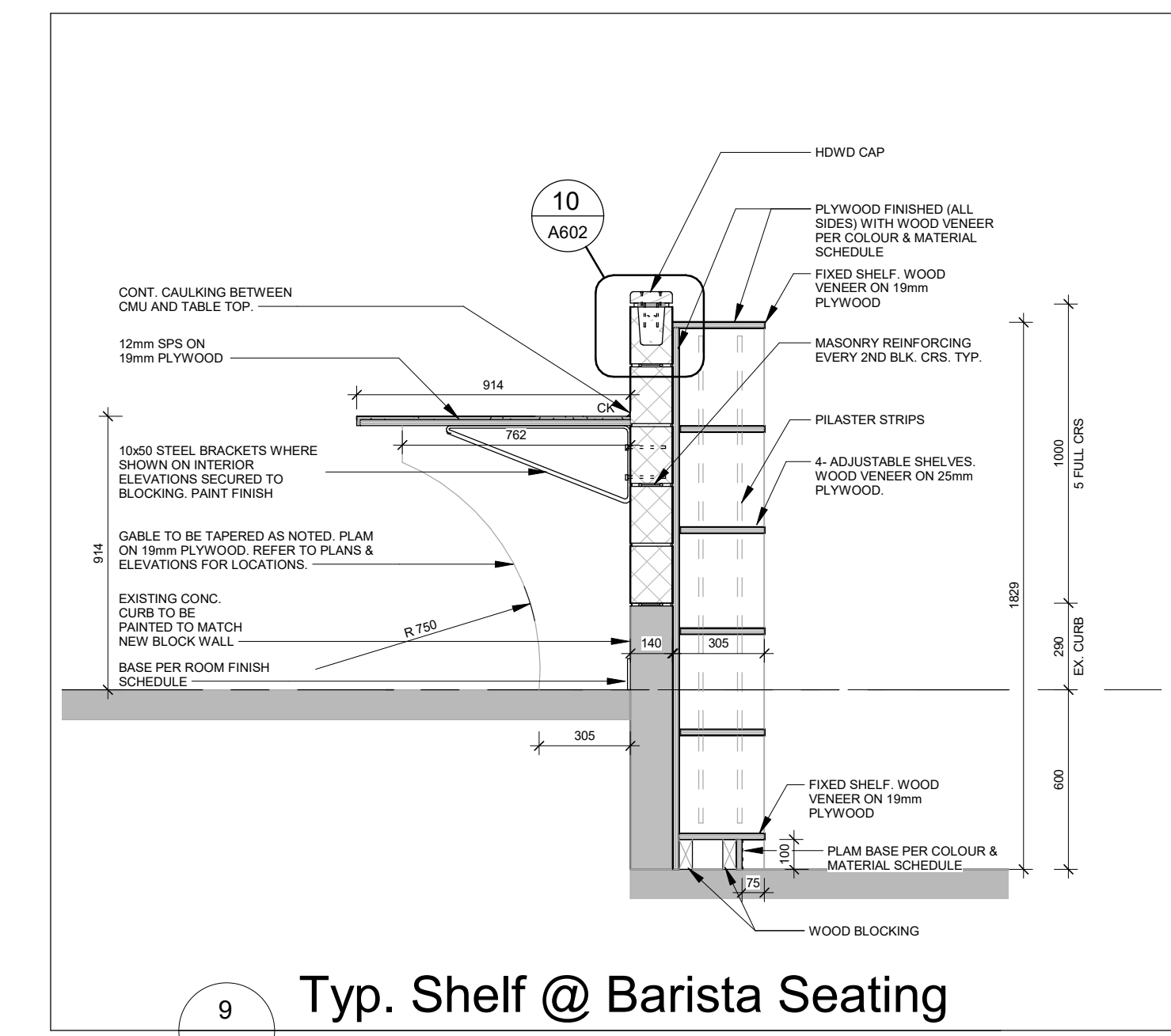
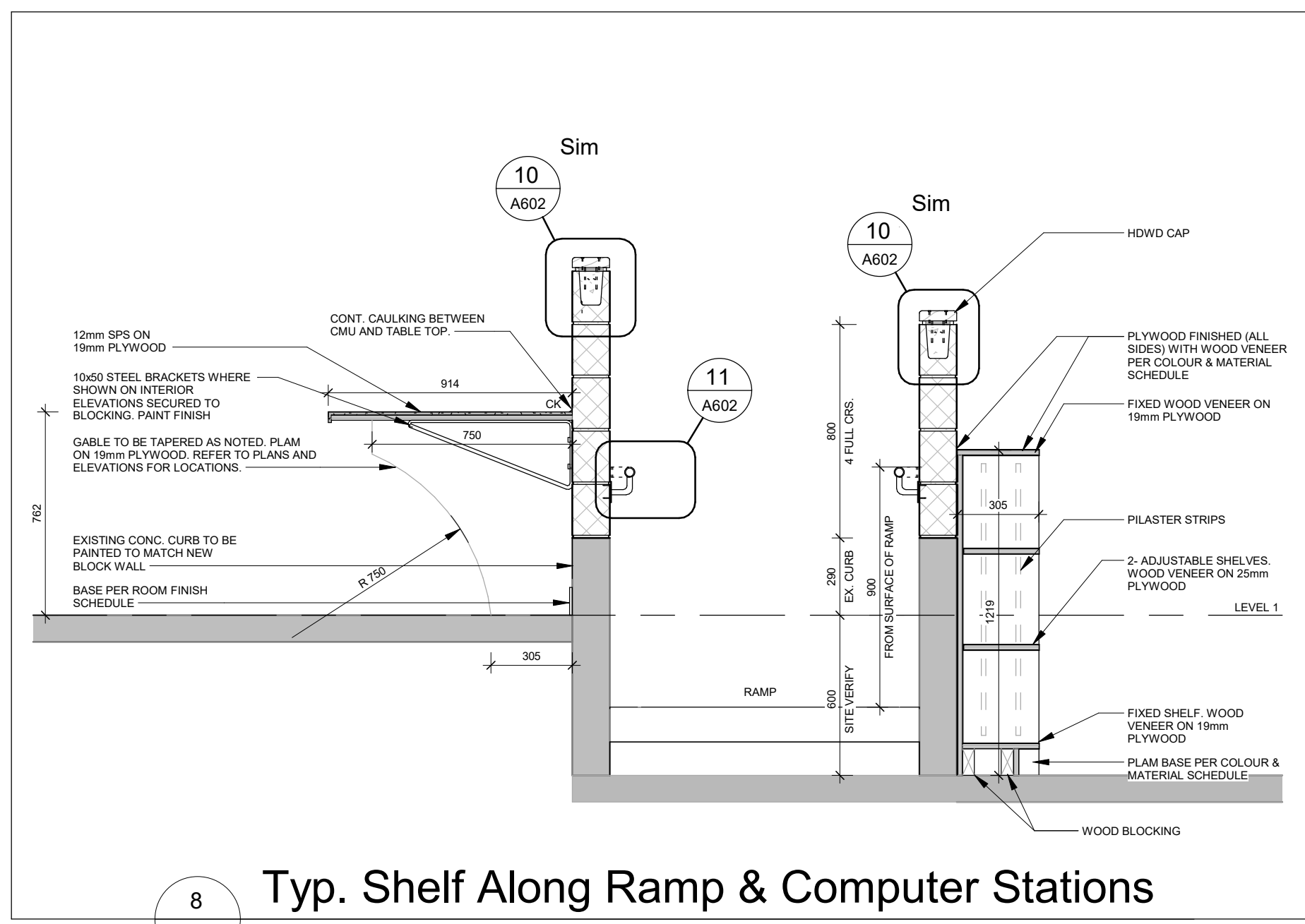
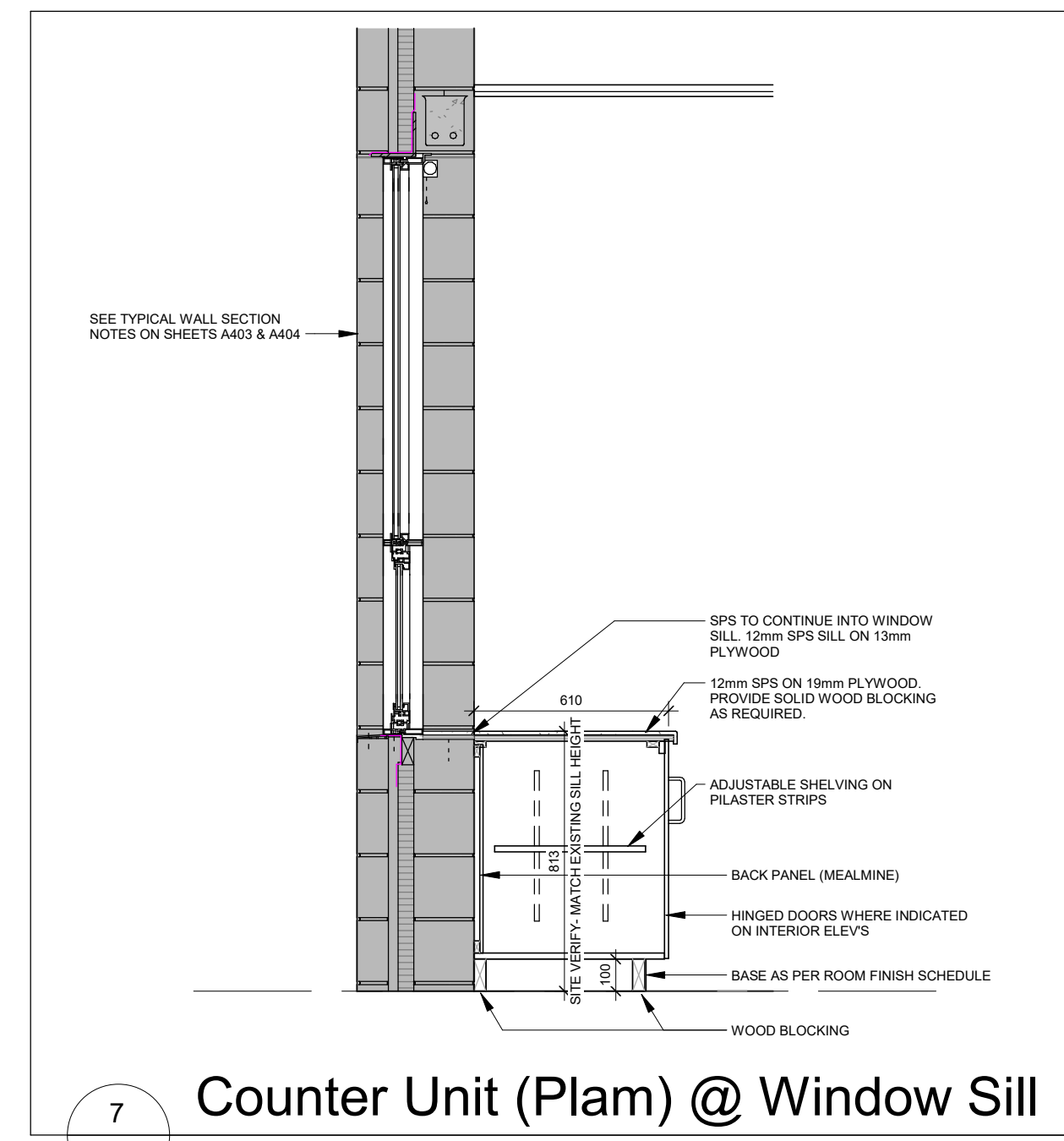
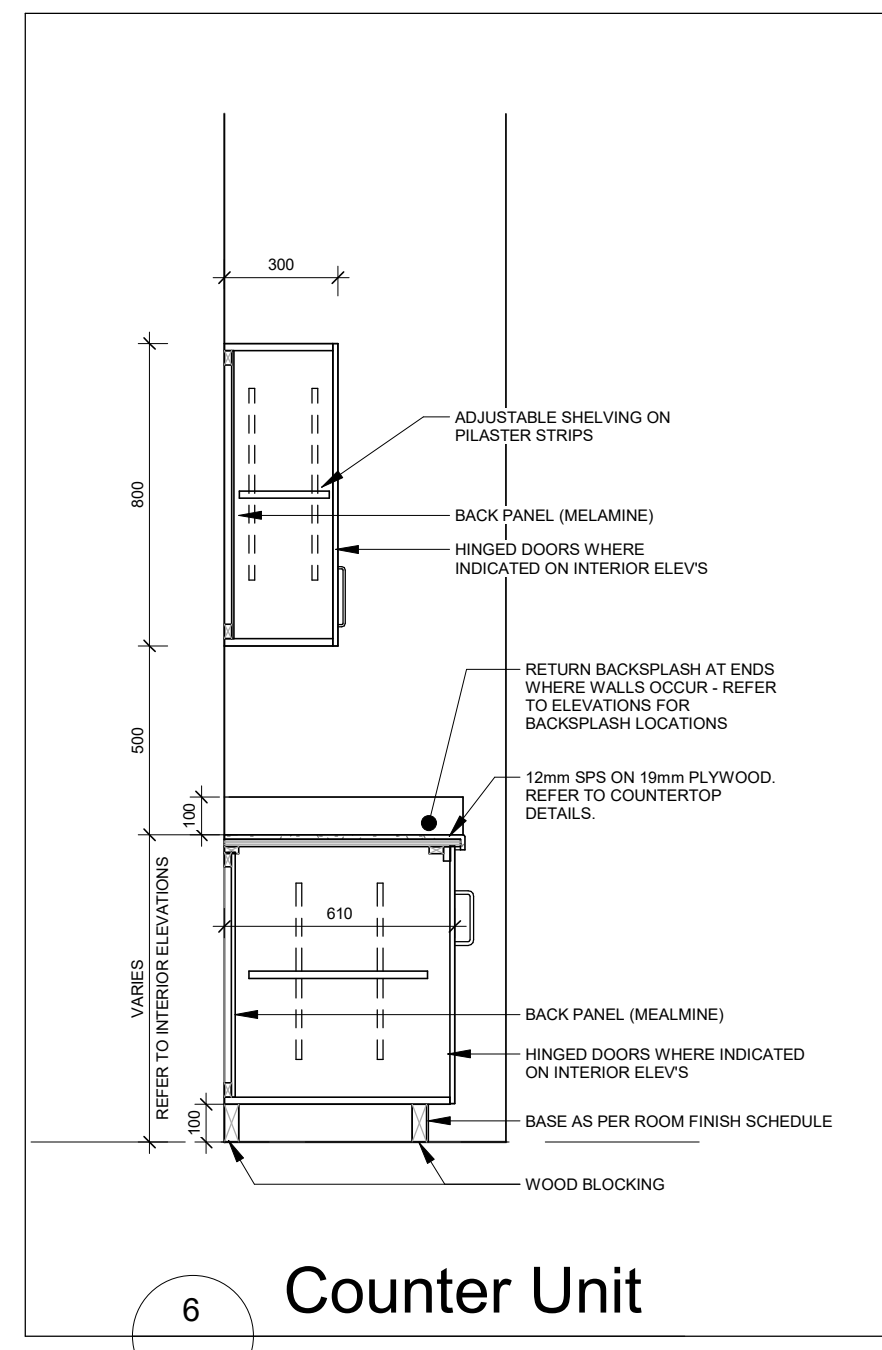
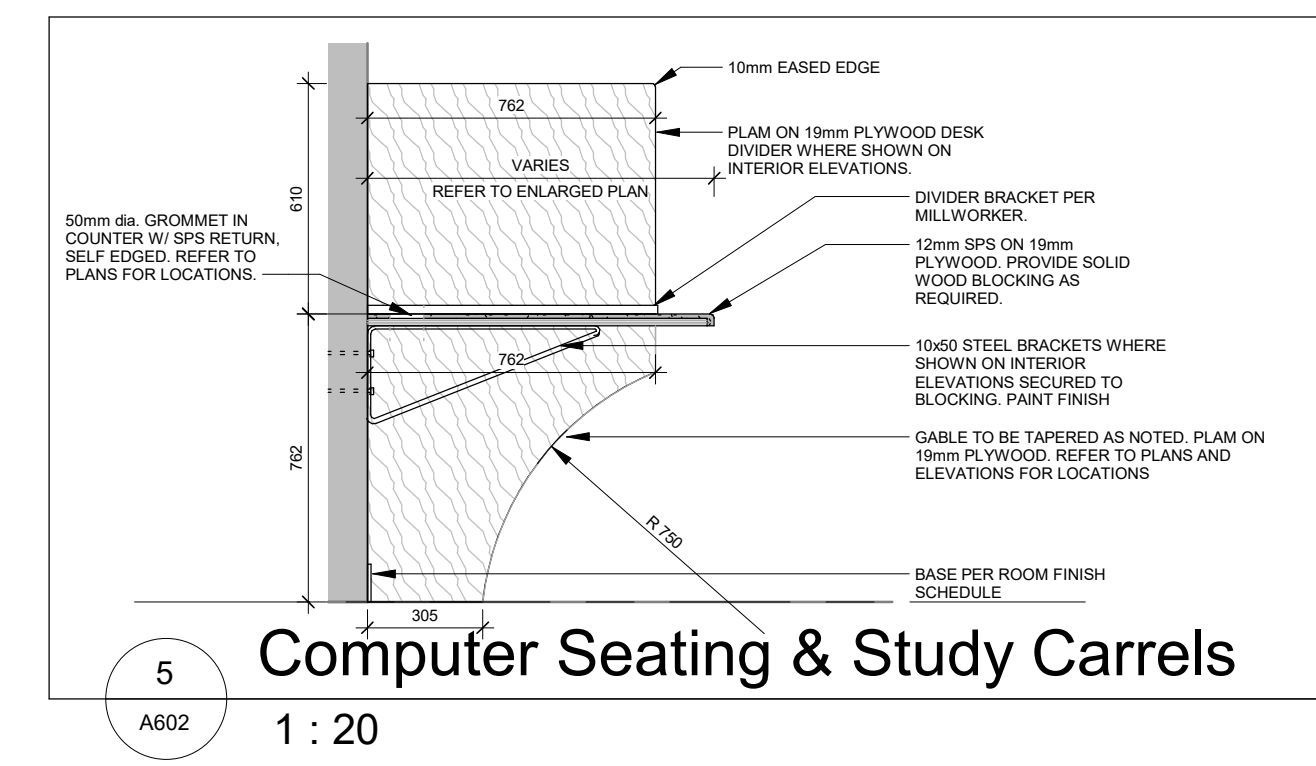
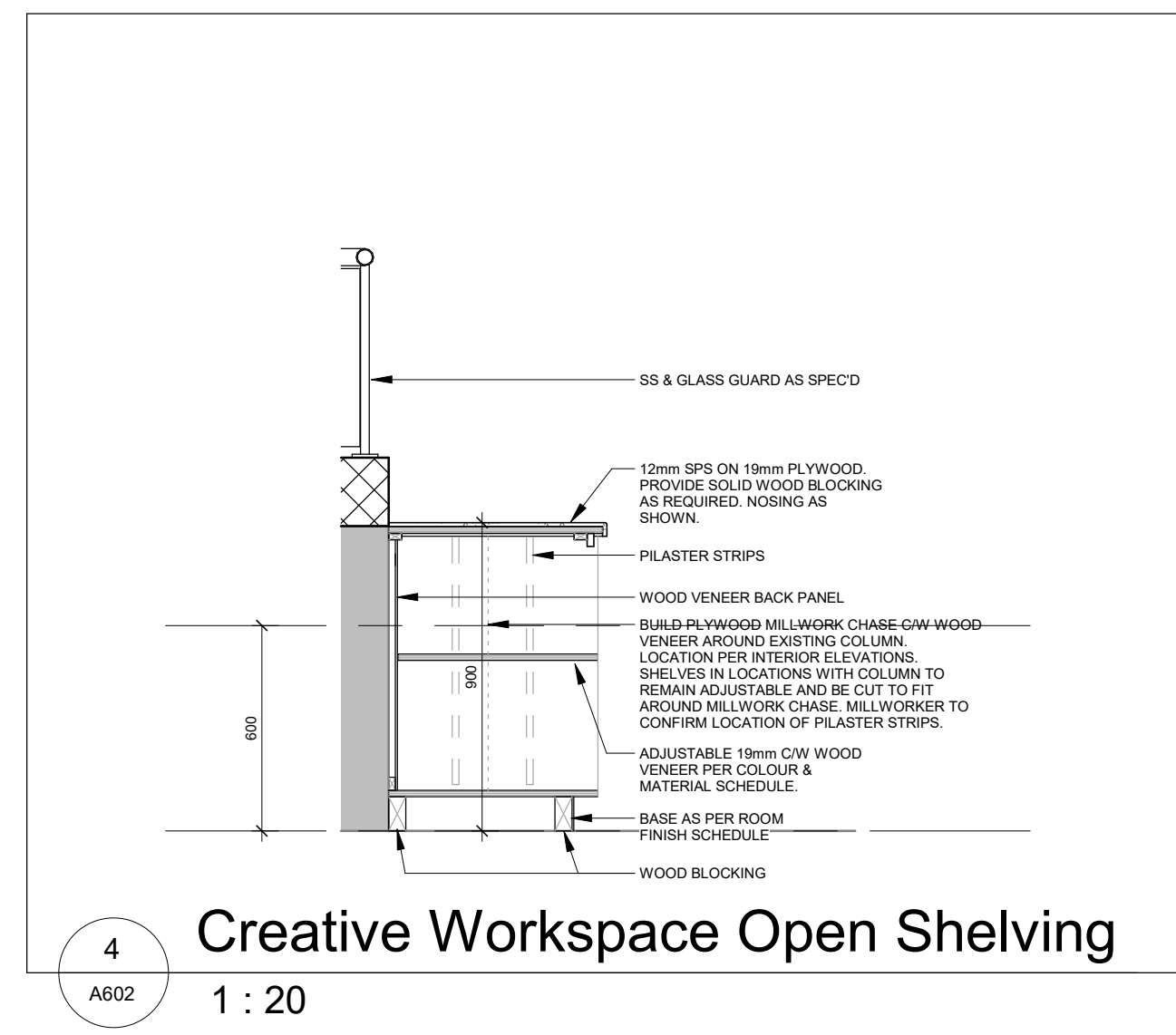
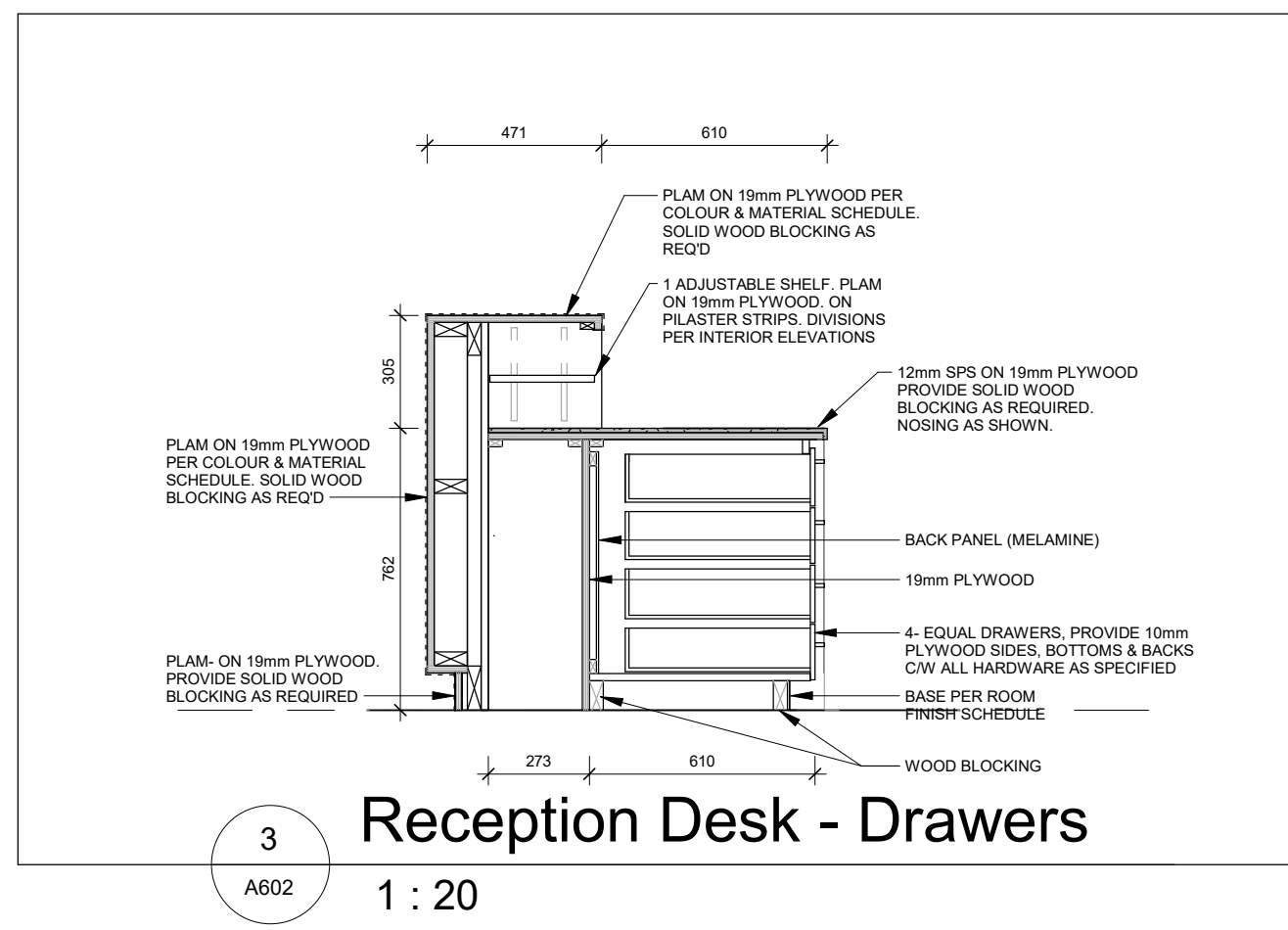
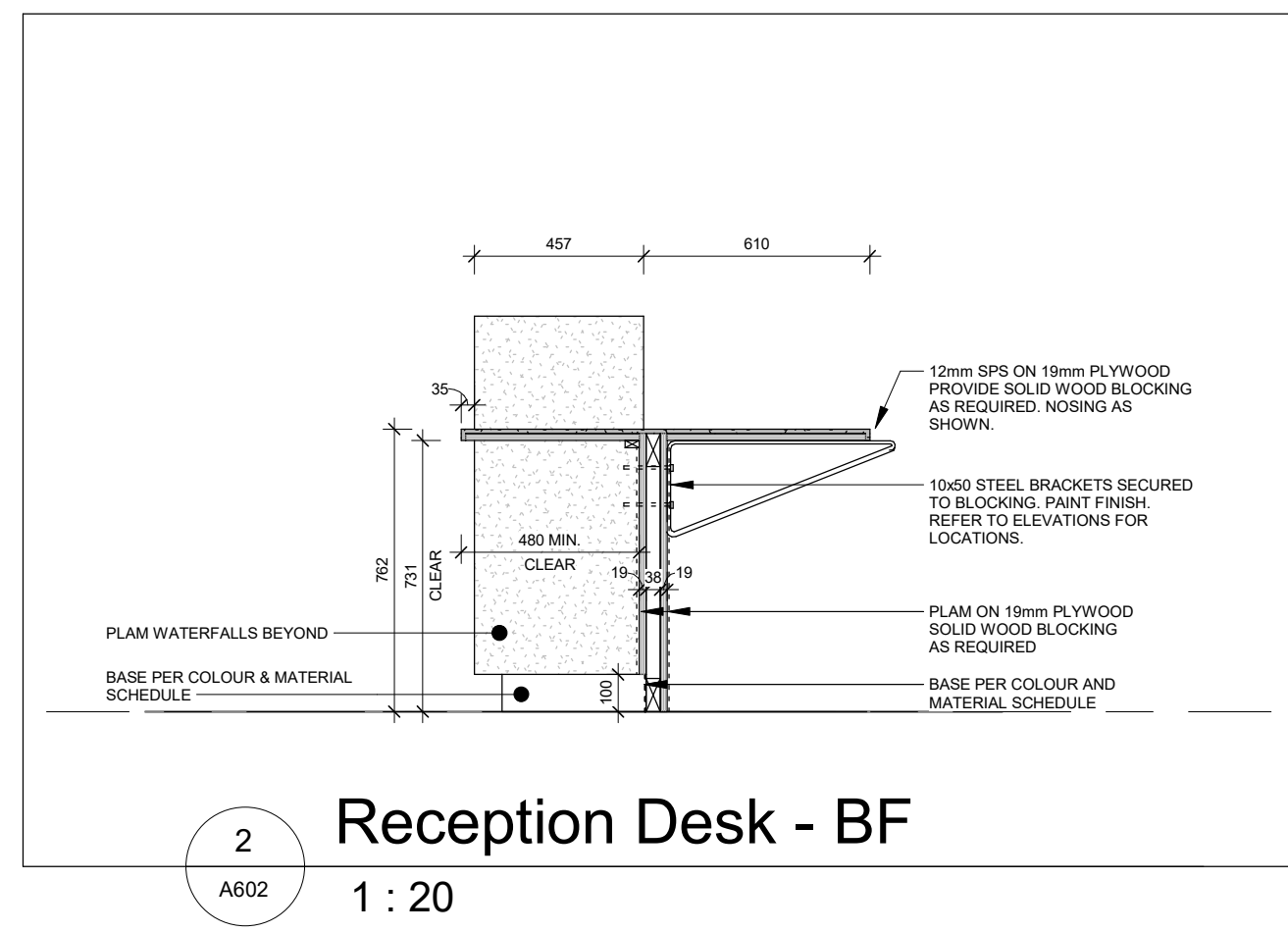
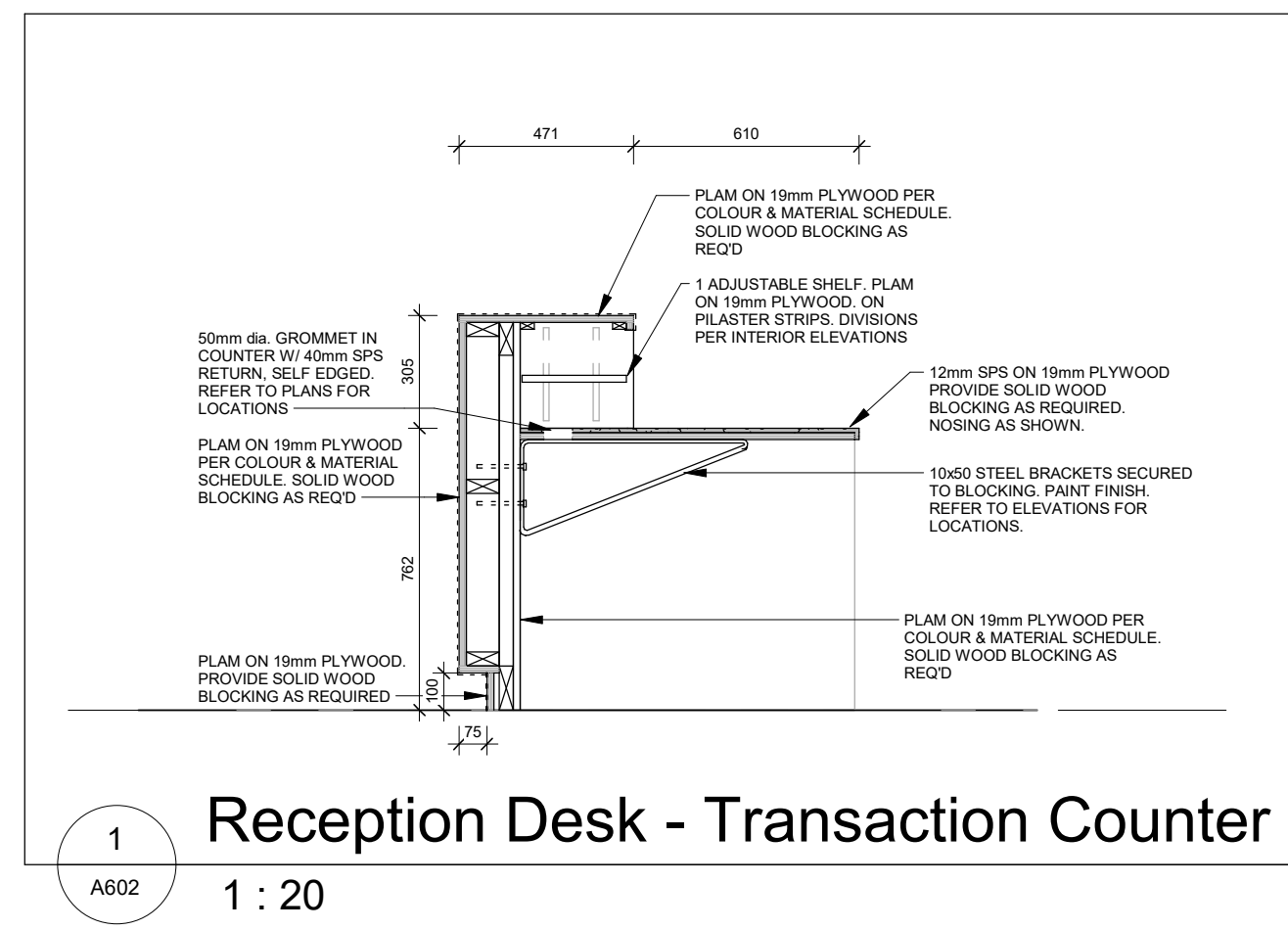
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Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

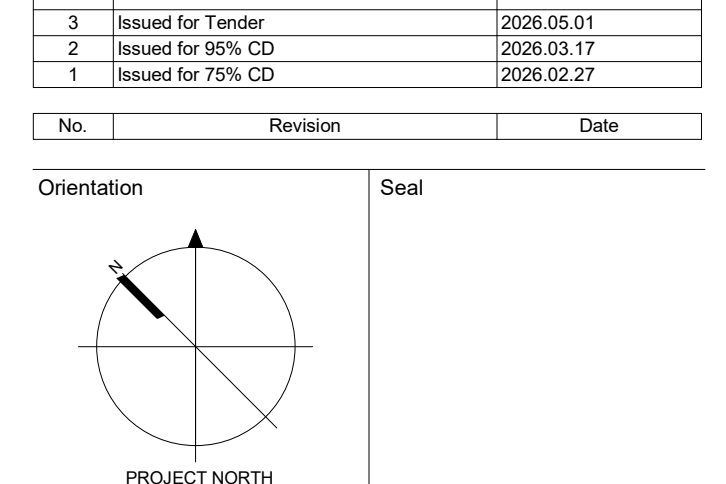
For
Hamilton-Wentworth District School Board

Drawing Title
Interior Elevations

Date	Project No	Drawing No
2026.05.01	25019	A601
EL		
Scale	As indicated	



No.	Revision	Date
3	Issued for Tender	2026.05.01
2	Issued for 95% CD	2026.05.17
1	Issued for 75% CD	2026.05.27



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Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

For
Hamilton-Wentworth District School Board

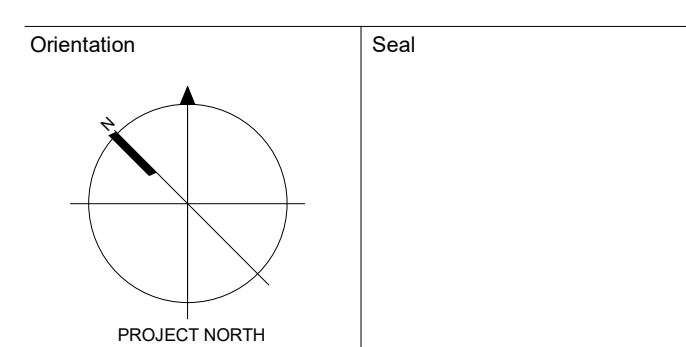
Drawing Title
Millwork Details

Date	2026.05.01	Project No	Drawing No
Drawn by	EL	25019	A602
Scale	As indicated		



- DEMOLITION NOTES:**
- 1 EXISTING FLOOR FINISH AND BASE TO BE REMOVED IN ITS ENTIRETY AND DISPOSED OF. PATCH AND MAKE GOOD EXISTING SLAB TO RECEIVE NEW FINISH.
 - 2 EXISTING FINISH ON EXISTING STRUCTURAL COLUMN TO BE REMOVED AND DISPOSED OF. PREP AND CLEAN TO RECEIVE NEW FINISH PER COLOUR & MATERIAL SCHEDULE. EXISTING STRUCTURAL COLUMN TO REMAIN AND BE PROTECTED AT ALL TIMES.
 - 3 EXISTING DOOR & FRAME TO BE REMOVED IN ITS ENTIRETY AND DISPOSED OF. REFER TO FLOOR PLANS FOR NEW.
 - 4 EXISTING DOOR & FRAME TO REMAIN. CLEAN AND PREP TO RECEIVE NEW FINISH PER COLOUR AND MATERIAL SCHEDULE.
 - 5 EXISTING WINDOW UNIT TO BE REMOVED IN ITS ENTIRETY AND DISPOSED OF. MAKE GOOD ADJACENT SURFACES AS REQUIRED. EXISTING WINDOW COVERINGS TO BE REMOVED AND DISPOSED OF. EXISTING PLUMBING TO BE REMOVED AND DISPOSED OF. PREP NEW SURFACE TO RECEIVE NEW BILL.
 - 6 EXISTING GEORGIAN WIRE GLASS TO BE REMOVED FROM EXISTING HM FRAME. EXISTING HM FRAME TO REMAIN. PREP & CLEAN TO RECEIVE NEW GLASS & PAINT. FIRE RESISTANCE RATINGS ARE TO BE MAINTAINED.
 - 7 EXISTING INTERIOR HM SCREEN TO BE REMOVED AND DISPOSED OF.
 - 8 EXISTING BUILT-IN MILLWORK TO BE REMOVED AND DISPOSED OF. REPAIR FLOOR SLAB BELOW AS REQUIRED AND PREPARE FOR NEW FINISH. REPAIR ADJACENT WALL AS REQUIRED AND PREPARE FOR NEW FINISH. MAKE GOOD ALL WORK.
 - 9 EXISTING SECURITY SCANNERS AND ALL COMPONENTS TO BE REMOVED AND DISPOSED OF. REPAIR PENETRATIONS TO FLOOR SLAB AND PREPARE FOR NEW FINISH. MAKE GOOD ALL WORK. REFER TO ELECTRICAL DRAWINGS.
 - 10 EXISTING GLANDS TO BE REMOVED AND DISPOSED OF. PATCH AND REPAIR SURFACE BELOW AS REQUIRED. PREPARE FOR MOUNTING OF NEW GUARD.
 - 11 EXISTING HANDRAIL TO BE REMOVED AND DISPOSED OF. REPAIR PENETRATIONS TO STAIRS.
 - 12 EXISTING FLOOR DRAIN COVERS TO BE REMOVED AND DISPOSED OF. EXISTING FLOOR DRAINS TO REMAIN AND BE PROTECTED AT ALL TIMES. REFER TO MECH. DWGS.
 - 13 EXISTING WATERCLOSET FIXTURES TO BE REMOVED AND DISPOSED OF. REFER TO MECH. DWGS. FOR EXTENT OF PLUMBING REPLACEMENT.
 - 14 EXISTING URINALS TO BE REMOVED AND DISPOSED OF. REFER TO MECH. DWGS. FOR EXTENT OF PLUMBING REPLACEMENT.
 - 15 EXISTING BIN TO BE REMOVED AND DISPOSED OF. REFER TO MECH. DWGS. FOR EXTENT OF PLUMBING REPLACEMENT.
 - 16 EXISTING WASHROOM PARTITIONS TO BE REMOVED AND DISPOSED OF. REPAIR PENETRATIONS TO FLOOR SLAB. MAKE GOOD ADJACENT SURFACES TO RECEIVE NEW FINISHES.
 - 17 EXISTING ACT. GIRD. LIGHT FIXTURES TO BE REMOVED AND DISPOSED OF. REFER TO ELECT. DWGS. FOR FIXTURES AND EXT. BOUNDARY. REFER TO MECH. DWGS. FOR SPRINKLER HEADS AND OTHER MECHANICAL VENTS AND FUTURES.
 - 18 EXISTING BULBHEADS TO REMAIN AND BE PROTECTED. PREP FOR NEW PAINT PER COLOUR AND MATERIAL SCHEDULE.
 - 19 EXISTING WALL TO REMAIN. PREP & CLEAN FOR NEW PAINT PER COLOUR & MATERIAL SCHEDULE.
 - 20 EXISTING WALL MOUNTED LIBRARY DISPLAY TO BE CAREFULLY REMOVED AND STORED FOR REINSTALLATION. REINSTALL PER LOCATION ON RENOVATION SCHEDULED PLAN.
 - 21 EXISTING AREA OF FLOOR SLAB TO BE TRENCHED FOR ELECTRICAL. REFER TO ELECTRICAL. FOR EXTENT.
 - 22 EXISTING FURNITURE. WALL MOUNTED ITEMS, AND MILLWORK ON EXTERIOR WALL TO BE CAREFULLY MOVED AND PROTECTED PRIOR TO WINDOW REMOVAL. REINSTALL AS REQUIRED. ANY MOVED ITEMS ARE TO BE PLACED BACK TO PRE-CONSTRUCTION CONDITION.
 - 23 EXISTING TILE AND ADHESIVE ON EXISTING CONCRETE CURBS TO BE REMOVED AND DISPOSED OF. PREP AND CLEAN SURFACE TO RECEIVE NEW PAINT.
 - 24 EXISTING ALUM. COVERS TO BE CAREFULLY REMOVED FROM EXISTING ALUM. FRAME. EXISTING ALUM. FRAME TO REMAIN AND BE PROTECTED AT ALL TIMES. ALL HARDWARE TO BE REMOVED AND DISPOSED OF. REFER TO ELECT. DWGS.
 - 25 EXISTING HANGER TOWER. DOWNERS. TOWER. RISER. HOLDERS. AND ISM. DISPENSERS TO BE CAREFULLY REMOVED AND SET ASSE. REFER TO RENOVATION PLANS FOR REINSTALLATION. AS TO COMPART. REPLACEMENTS REQUIRED.
 - 26 EXISTING MINOR. HAND DRYERS. SANITARY HANDB. DISPOSAL. RECEPTACLES. AND WASTE BINS TO BE REMOVED AND DISPOSED OF. NEW TO BE PROVIDED AS SPECIFIED. LOCATIONS PER RENOVATION PLANS. REFER TO ELECTRICAL. DWGS. FOR REMOVAL OF HAND DRYERS.

No.	Revision	Date
5	Issued for Tender	2026.05.01
4	Issued for 50% CD	2026.05.17
3	Issued for Building Permit	2026.03.17
2	Issued for 75% CD	2026.02.27
1	Issued for Class D Costing	2026.01.09



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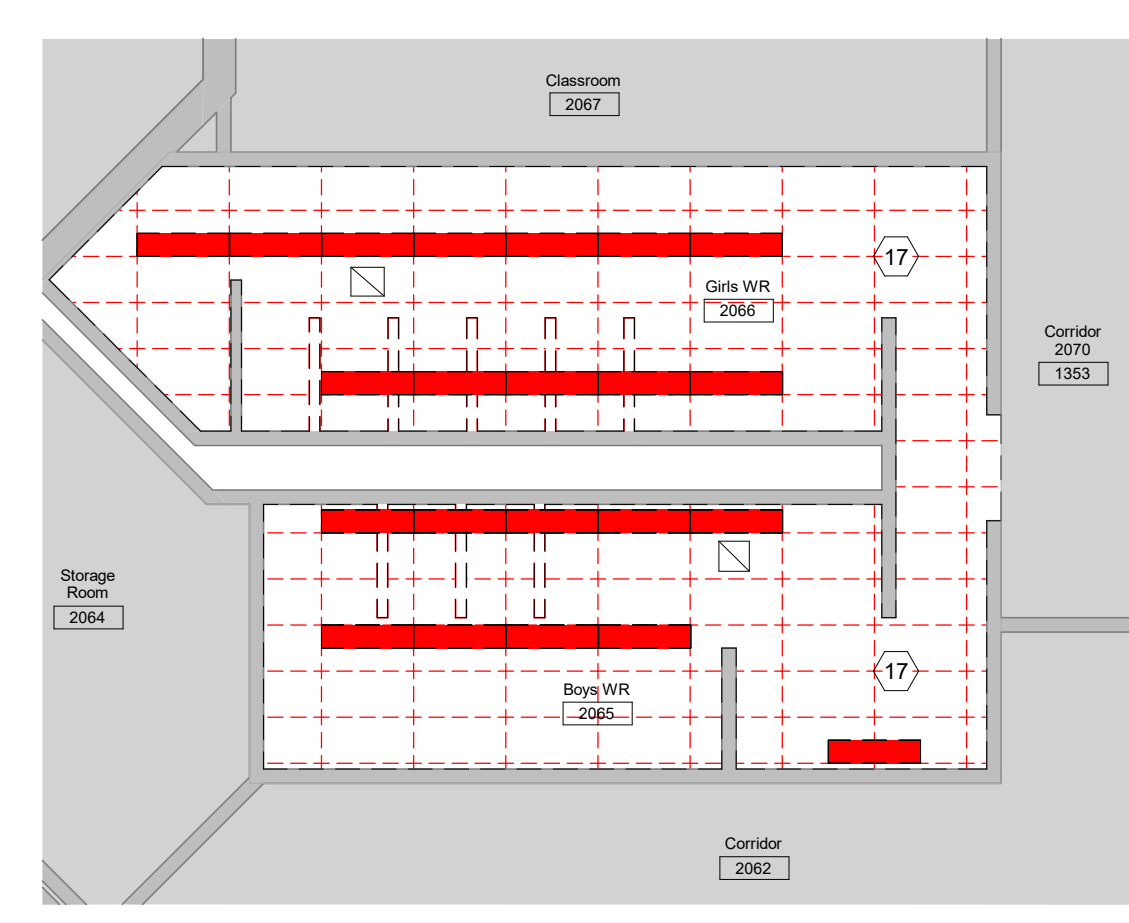
Project Information
Waterdown Highschool Renovation
Hamilton Planning # DA-24-058
215 Parkside Dr. Waterdown, Ontario

For
Hamilton-Wentworth District School Board

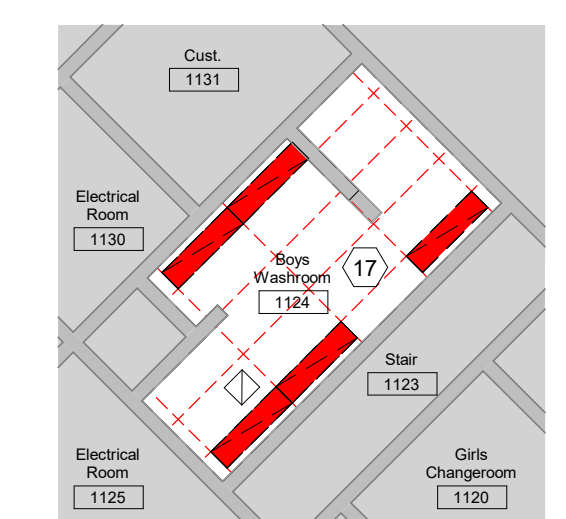
Drawing Title
Level 1 & 2 RCP - Demolition

Date	2026.05.01	Project No	25019	Drawing No	A701
Drawn by	EL				
Scale	1:100				

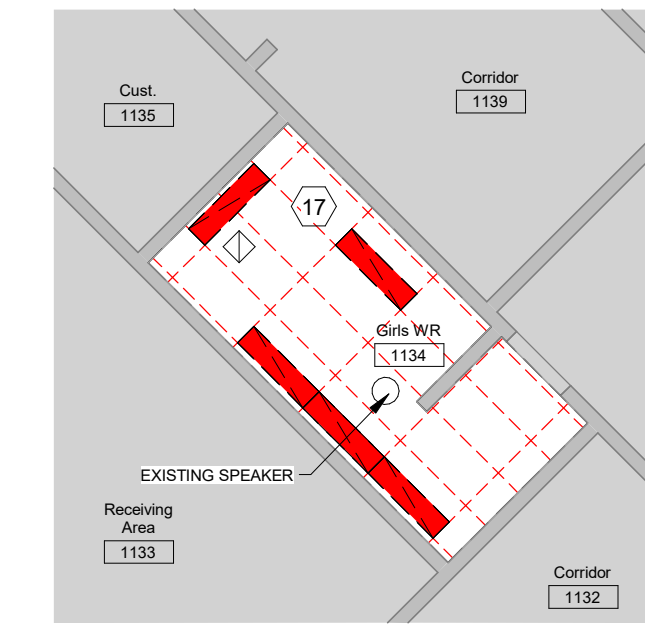
1
A701
RCP - Learning Commons - Demolition
1 : 100



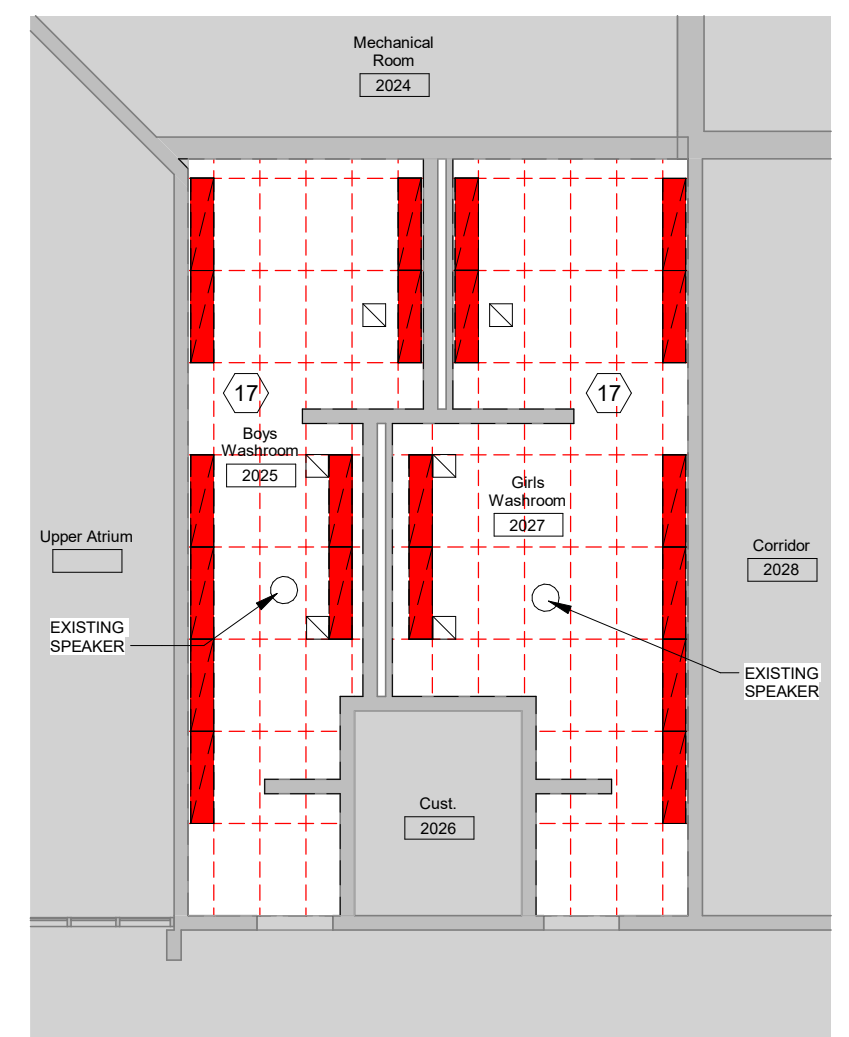
2
A701
RCP - WR 2066/2065 - Demolition
1 : 100



3
A701
RCP - WR 1124 - Demolition
1 : 100



4
A701
RCP - WR 1134 - Demolition
1 : 100



5
A701
RCP - WR 2025/2027 - Demolition
1 : 100

AutoDesk Docs/25019 - Waterdown Highschool Renovations/25019 - Waterdown Highschool Renovation_RCP.rvt 2026-05-01 11:27 PM



NOTE: ALL CEILINGS TO BE REPLACED AT EXISTING HEIGHT. GC TO CONFIRM EXISTING CEILING HEIGHT BEFORE REMOVAL OF ANY ACT COMPONENTS OR OVER AND REPORT TO ARCHITECT.
 NOTE: GC TO CONFIRM ALL EXISTING SPRINKLER LOCATIONS. GC TO COORDINATE SPRINKLER HEADS TO BE WITHIN ACT TILE.
 NOTE: SPRINKLER HEADS TO BE RELOCATED AS REQUIRED.

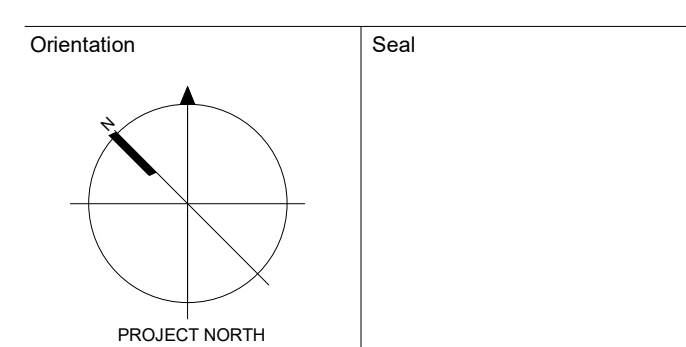
REFLECTED CEILING PLAN NOTES:

- COORDINATE FULLY WITH MECHANICAL & ELECTRICAL DRAWINGS & SPECIFICATIONS TO ENSURE PROPER PLACEMENT OF ALL LIGHTS, GRILLES, EXHAUST FAN, DIFFUSERS ETC. RELATING TO THE REFLECTED CEILING PLAN LAYOUT.
- ENCLOSE ALL EXPOSED STEEL STRUCTURE SUPPORTING FLOOR LOADS WITH (2) LAYERS OF 1/2" THICK PRECAST CONCRETE WALL BOARD ON METAL FRAMING ASSEMBLY TO PROVIDE A 1-HOUR FIRE RESISTANCE RATING. ALL DETAILS MUST COMPLY.
- REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF FIXTURES FLUSH WITH OFFFORM WALL BOARD CEILING AND REQUIRE CAREFUL FINISHING.

REFLECTED CEILING PLAN LEGEND:

- SUPPLY AIR DIFFUSER AS PER MECH. DWGS
- RETURN AIR DIFFUSER AS PER MECH. DWGS
- EXHAUST GRILLE AS PER MECH. DWGS
- SURFACE MOUNTED LUMINAIRE AS PER ELEC. DWGS
- RECESSED LUMINAIRE AS PER ELEC. DWGS
- RECESSED LIGHT FIXTURE AS PER ELEC. DWGS
- WALL MOUNTED LIGHT FIXTURE AS PER ELEC. DWGS
- 610 x 1250 LAY-IN CEILING TILE
- OFFFORM WALL BOARD

No.	Revision	Date
5	Issued for Tender	2026 05 01
4	Issued for 50% CD	2026 03 17
3	Issued for Building Permit	2026 03 17
2	Issued for 75% CD	2026 02 27
1	Issued for Class D Costing	2026 01 09



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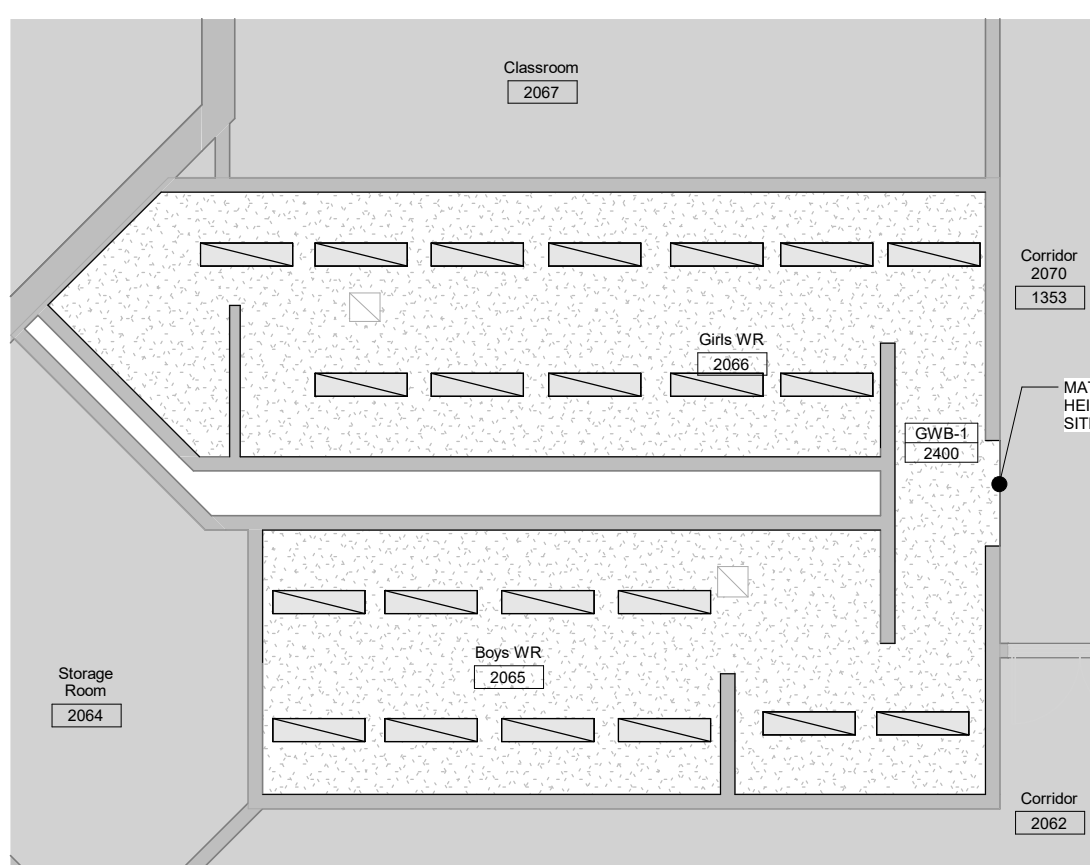
Project Information
Waterdown Highschool Renovation
 Hamilton Planning # DA-24-058
 215 Parkside Dr. Waterdown, Ontario

For
 Hamilton-Wentworth District School Board

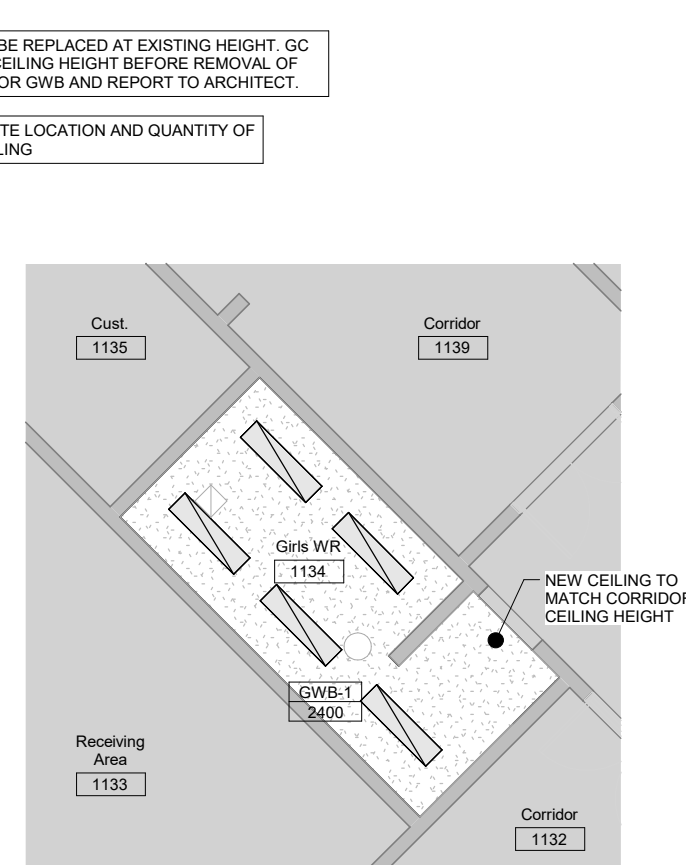
Drawing Title
Level 1 & 2 Reflected Ceiling Plan - Renovation

Date	2026.05.01	Project No	25019	Drawing No	A702
Drawn by	EL				
Scale	1 : 100				

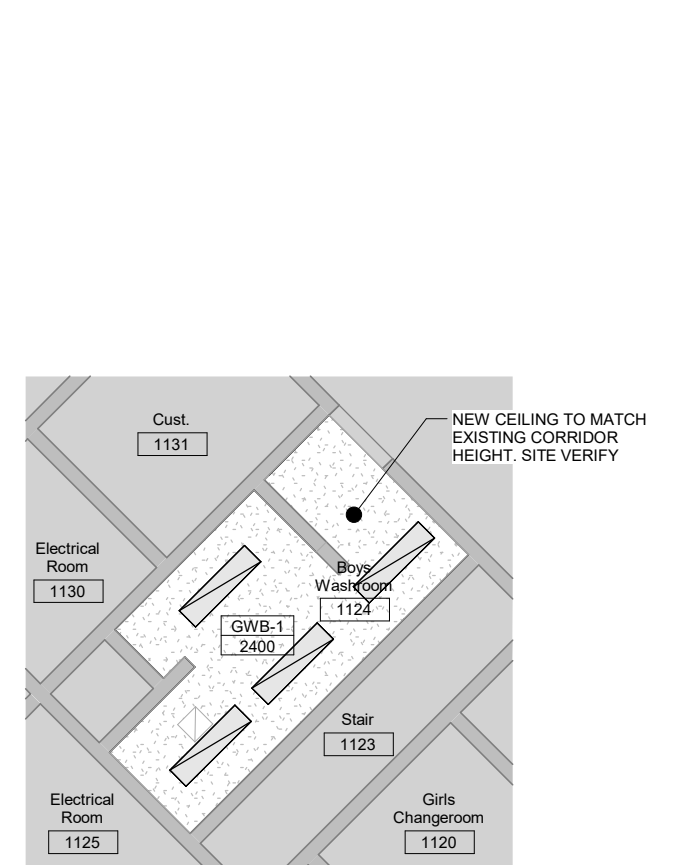
1 RCP - Learning Commons - Renovation
 1 : 100



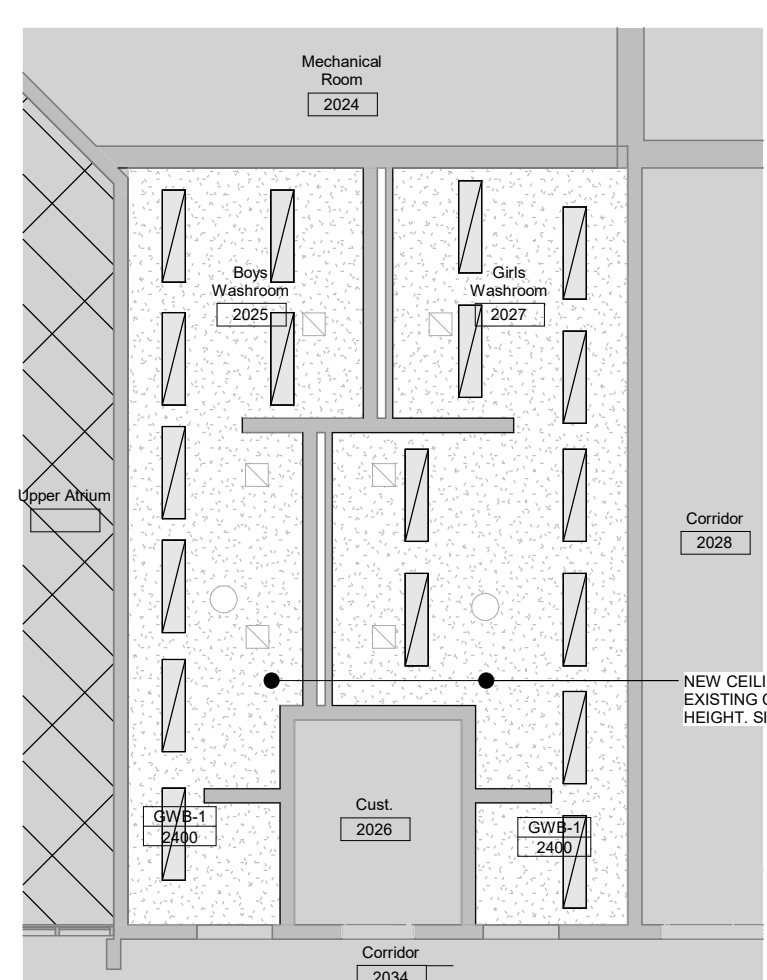
2 RCP - WR 2066/2065 - Renovation
 1 : 100



3 RCP - WR 1134 - Renovation
 1 : 100



4 RCP - WR 1124 - Renovation
 1 : 100




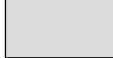



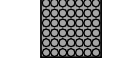


5 RCP - WR 2025/2027 - Renovation
 1 : 100

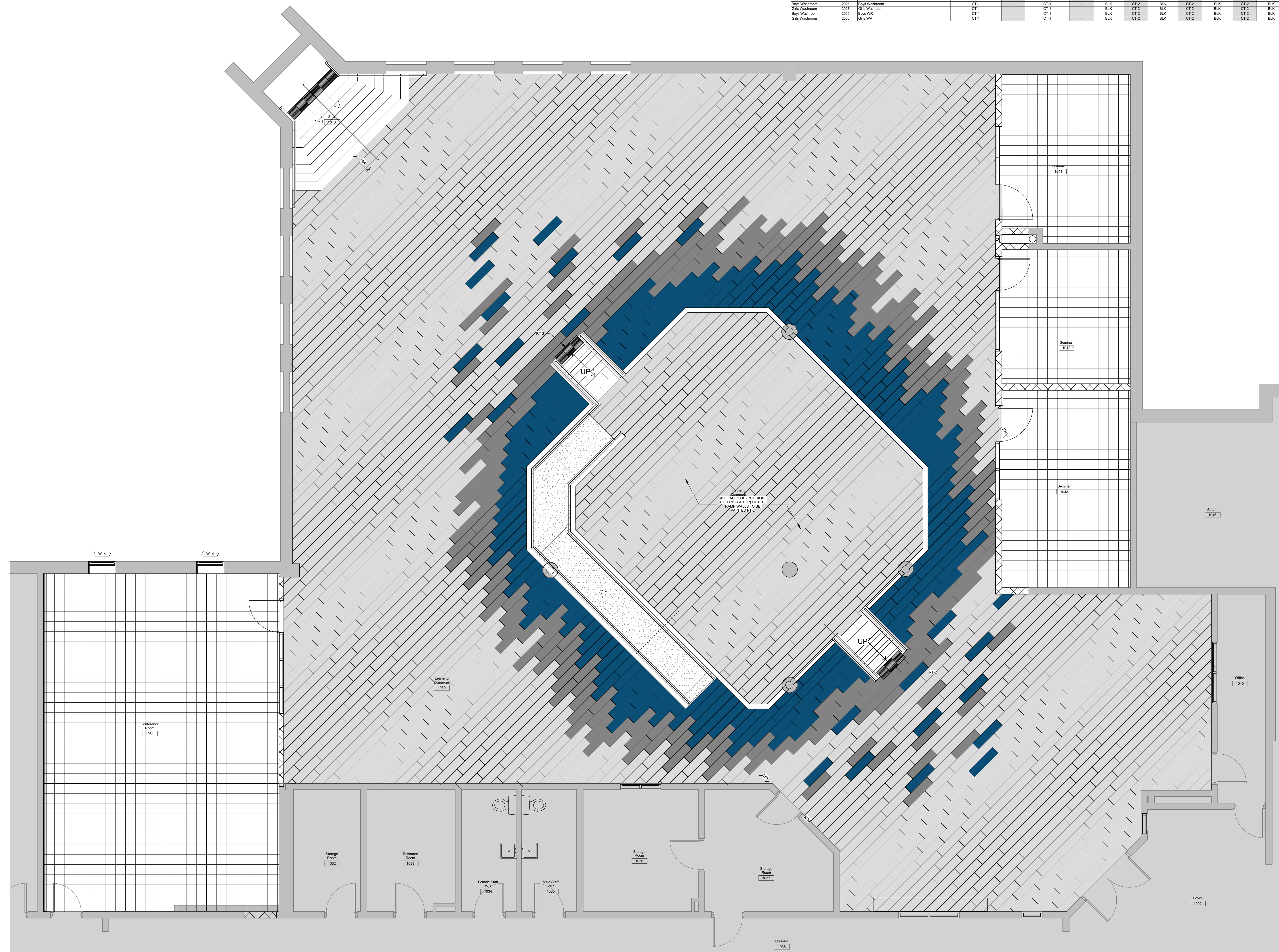
Autodesk Docs/25019 - Waterdown Highschool Renovations/25019 - Waterdown Highschool Renovation_RCP.rvt
 2026-05-01 11:00 PM

Room Finish Schedule																
Occupancy	ROOM NO.	ROOM NAME	FLOOR		BASE		NORTH WALL		EAST WALL		WEST WALL		CEILING		REMARKS	
			MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH		
Classroom	1001	Conference Room	VCT-1	-	RB-1	-	BLK	PF-1	BLK GLASS	PF-1/GF-1	BLK	PF-1	BLK	PF-1	ACT-1	
Learning Commons	1039	Learning Commons	CPT-2/RT-1/CT-1/SF-1/CT-4	-	RB-1	-	BLK	PF-1	BLK GLASS	PF-1/GF-2	BLK	PF-1	BLK	PF-1	ACT-1/ACT-2/ACT-3	1. SF-1 APPLIED TO RAMP FLOOR RT-1 STAIR FINISH 2. CEILING AS PER RCP'S. COLUMNS GLAZ IN RAMP'S.
Senior Room	1041	Senior	VCT-1	-	RB-1	-	BLK	PF-1	BLK	PF-1	BLK	PF-1	BLK GLASS	PF-1/GF-2	ACT-1	
Senior Room	1042	Senior	VCT-1	-	RB-1	-	BLK	PF-1	BLK	PF-1	BLK	PF-1	BLK GLASS	PF-1/GF-2	ACT-1	
Senior Room	1043	Senior	VCT-1	-	RB-1	-	BLK	PF-1	BLK	PF-1	BLK	PF-1	BLK GLASS	PF-1/GF-2	ACT-1	
Senior Room	1044	Senior	VCT-1	-	RB-1	-	BLK	PF-1	BLK	PF-1	BLK	PF-1	BLK GLASS	PF-1/GF-2	ACT-1	
Boys Washroom	1134	Boys Washroom	CT-1	-	CT-1	-	BLK	CT-2	BLK	CT-2	BLK	CT-2	BLK	CT-2	GWB	PF-1
Girls Washroom	1134	Girls W/R	CT-1	-	CT-1	-	BLK	CT-2	BLK	CT-2	BLK	CT-2	BLK	CT-2	GWB	PF-1
Boys Washroom	2005	Boys Washroom	CT-1	-	CT-1	-	BLK	CT-2	BLK	CT-2	BLK	CT-2	BLK	CT-2	GWB	PF-1
Girls Washroom	2007	Girls Washroom	CT-1	-	CT-1	-	BLK	CT-2	BLK	CT-2	BLK	CT-2	BLK	CT-2	GWB	PF-1
Boys Washroom	2008	Boys W/R	CT-1	-	CT-1	-	BLK	CT-2	BLK	CT-2	BLK	CT-2	BLK	CT-2	GWB	PF-1
Girls Washroom	2008	Girls W/R	CT-1	-	CT-1	-	BLK	CT-2	BLK	CT-2	BLK	CT-2	BLK	CT-2	GWB	PF-1

FLOORING LEGEND:

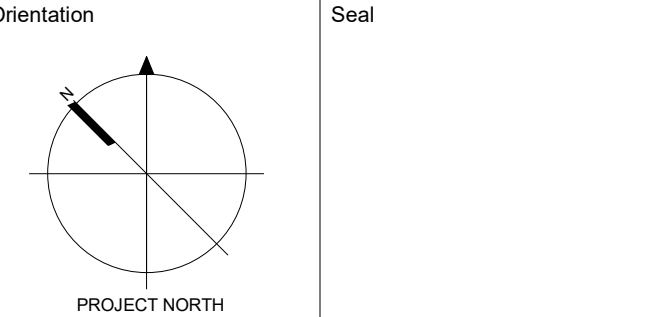
-  CPT-1
-  CPT-2
-  CPT-3
-  CPT-4
-  VCT-1
-  SF-1
-  RT-1
-  RT-2

- FLOORING NOTES:**
- FLOORING FINISHES ARE SHOWN FOR GRAPHICAL PURPOSES ONLY. FLOORING TO BE CENTERED WITHIN SPACE IN HORIZONTAL AND VERTICAL DIRECTION UNLESS OTHERWISE NOTED.
 - FLOOR DRAINS HAVE NOT BEEN SHOWN ON THE FLOOR FINISHES PLAN. REFER TO OVERALL AND ENLARGED PLANS FOR LOCATIONS.
 - REFER TO ROOM FINISHES SCHEDULES FOR FLOORING FINISHES IN STAIRS AND ELEVATOR.
 - FLOORING TRANSITIONS TO BE CENTERED ON ADJACENT ROOM FRAMES OR WALL OPENINGS UNLESS SHOWN OTHERWISE.
 - NOTE: IF FLOORING HATCH IS NOT SHOWN ON PRINTED SHEETS, PLEASE REFER TO FLOOR FINISHES TAG AND ROOM FINISHES SCHEDULE. ROOM FINISHES PLAN MUST BE PRINTED IN COLOR.



3	Issued for Tender	2026-05-01
2	Issued for 95% CD	2026-03-17
1	Issued for 75% CD	2026-02-27

No.	Revision	Date



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Project Information
Waterdown Highschool Renovation
 Hamilton Planning # DA-24-058
 215 Parkside Dr. Waterdown, Ontario

For
 Hamilton-Wentworth District School Board

Drawing Title
Finishes Plan

Date	2026.05.01	Project No	25019	Drawing No	A800
Drawn by	JF	Scale	As indicated		

1 Learning Commons - Finishes Plan
 A800 1 : 50

LEGEND	
	FIXTURE TYPE "A1"
	15A, 120/347V SINGLE POLE SWITCH, S ₂ (TWO POLE), S ₃ (3-WAY), S ₄ (4-WAY), S ₅ (KEY OPERATED), S ₆ (DIMMER), S ₇ (C/W PILOT LIGHT), S ₈ (LOW VOLTAGE), S ₉ (TIMER), S ₁₀ (OCCUPANCY SENSOR SWITCH), S ₁₁ (GANDED SWITCHES)
	LIGHTING FIXTURE (LETTER DENOTES THE TYPE OF FIXTURE)
	EMERGENCY LIGHTING FIXTURE (LETTER DENOTES THE TYPE OF FIXTURE)
	CEILING MOUNTED OCCUPANCY SENSOR
	EXISTING WALL MOUNTED PIR SENSOR
	DIMMER LIGHTING SWITCH
	ELECTRICAL PANEL
	NON-FUSED DISCONNECT SWITCH
	MOTOR CONNECTION (SINGLE OR THREE PHASE)
	MAIN SWITCH BOARD
	15A, 120V DUPLEX T-SLOT GROUND FAULT INTERRUPTER RECEPTACLE
	FIRE ALARM CONTROL PANEL
	EMERGENCY LIGHTING FIXTURE
	EMERGENCY LIGHTING FIXTURE AND BATTERY
	EMERGENCY LIGHTING FIXTURE, BATTERY AND EXIT SIGN
	EXIT SIGN
	BATTERY
	DIRECT HARDWIRE CONNECTION
	PA SPEAKER
	DOOR OPERATOR
	OUTLET FOR PUSH TO LOCK
	OUTLET FOR PUSH TO UNLOCK
	STROBE LIGHT FOR EMERGENCY RESPONSE SYSTEM
	PATIENT UNIT FOR EMERGENCY RESPONSE SYSTEM
	OCCUPIED LIGHT FOR EMERGENCY RESPONSE SYSTEM
	EMERGENCY RESPONSE SYSTEM
	DOOR HOLD OPEN DEVICE

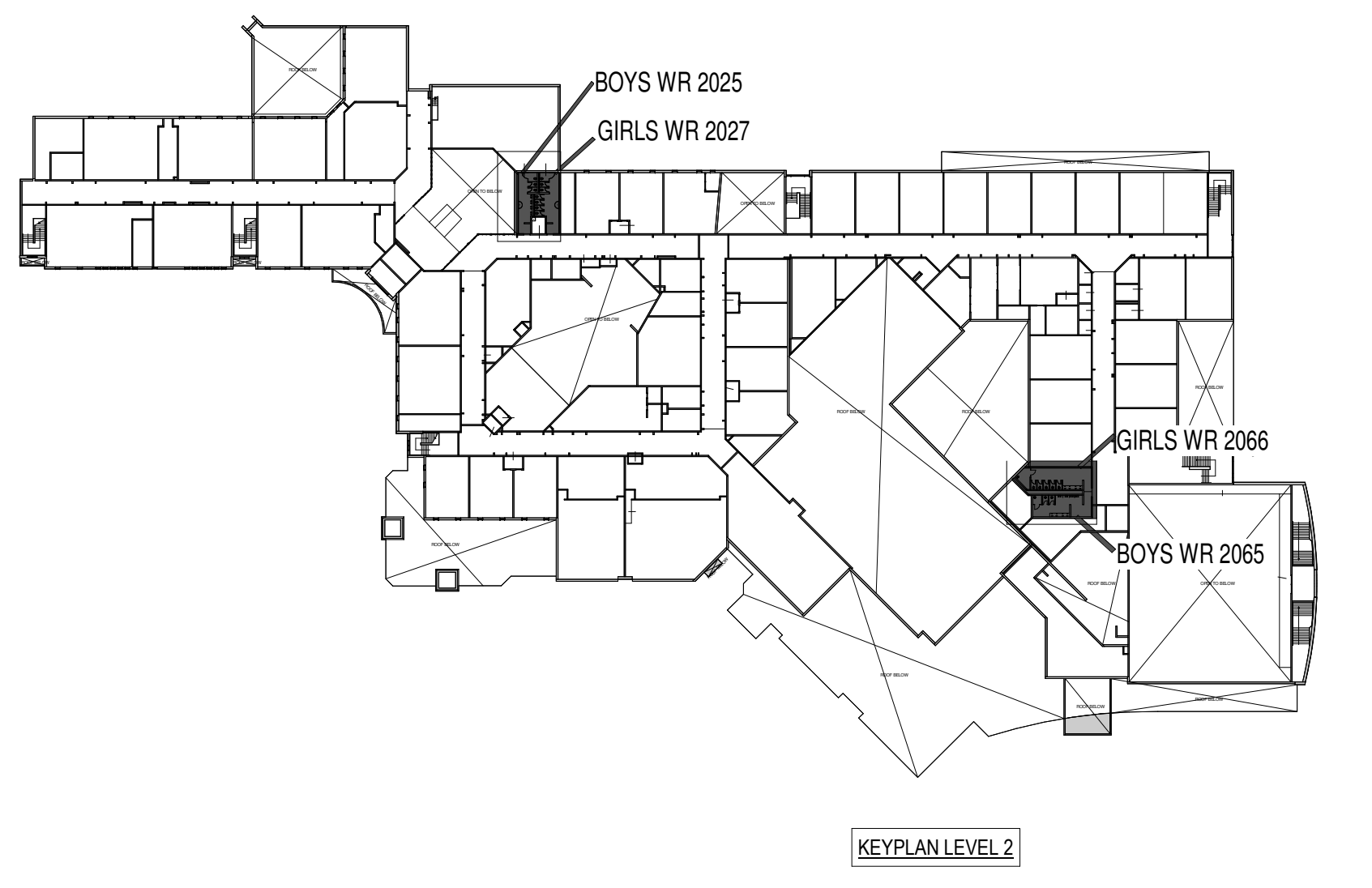
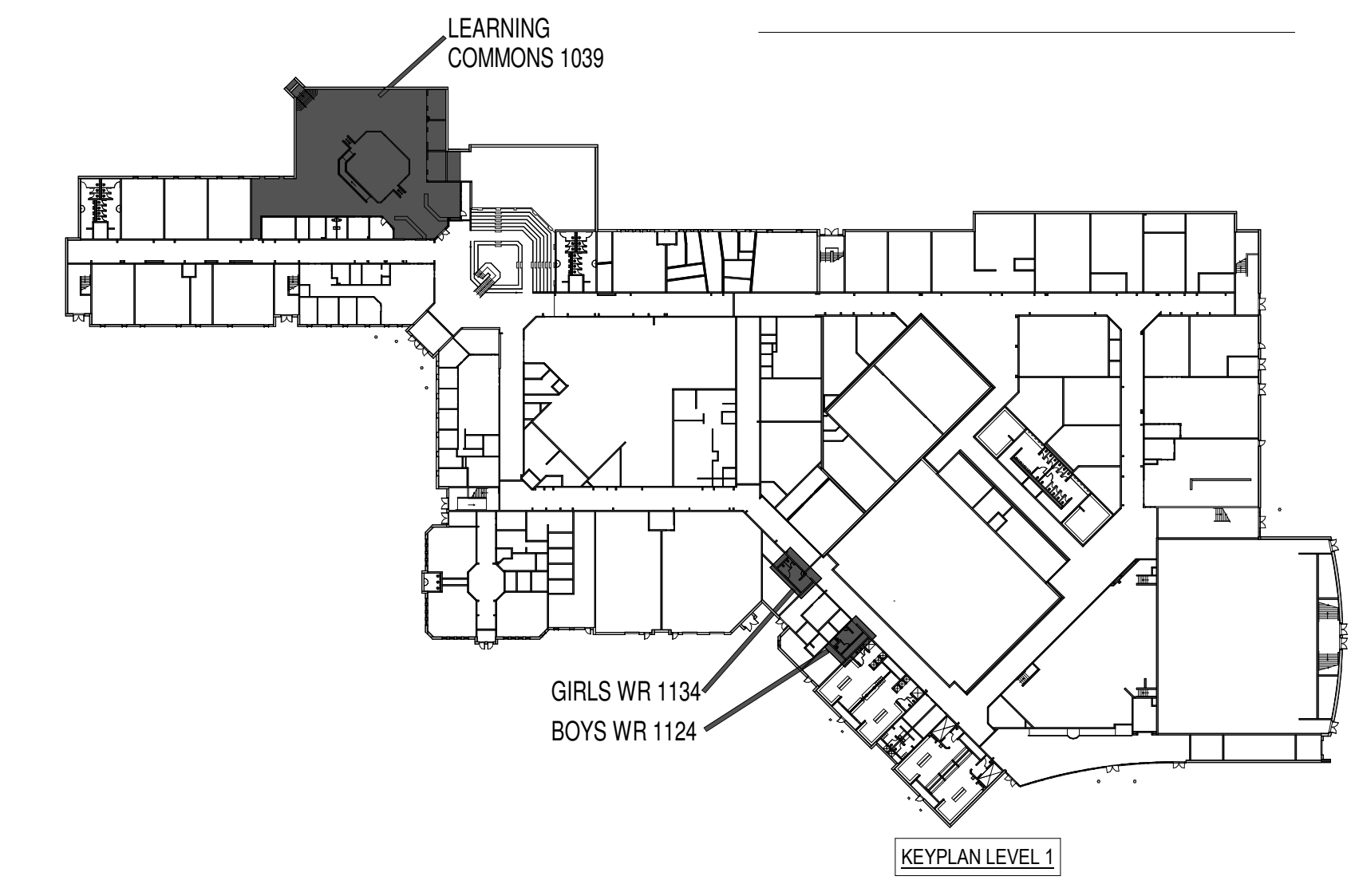
Drawing List	
Sheet Number	Sheet Name

E1.0	LEAD SHEET, NOTES AND SCHEDULES-1
E1.1	LEAD SHEET, NOTES AND SCHEDULES-2
E2.0	DEMOLITION PLAN LEVEL 1 - LIGHTING LAYOUT (WASH ROOMS)
E2.1	DEMOLITION PLAN LEVEL 2 - LIGHTING LAYOUT (WASHROOMS)
E2.2	DEMOLITION PLAN LEVEL 1 - LIGHTING LAYOUT (LEARNING COMMONS)
E2.3	DEMOLITION PLAN LEVEL 1 - POWER LAYOUT (LEARNING COMMONS)
E2.4	DEMOLITION PLAN LEVEL 1 - DOOR REPLACEMENT
E3.0	PROPOSED PLAN LEVEL 1 - LIGHTING LAYOUT (WASH ROOMS)
E3.1	PROPOSED PLAN LEVEL 2 - LIGHTING LAYOUT (WASH ROOMS)
E3.2	PROPOSED PLAN LEVEL 1 - LIGHTING LAYOUT (LEARNING COMMONS)
E3.3	PROPOSED PLAN LEVEL 1 - POWER LAYOUT (LEARNING COMMONS) - OPTION 1
E3.4	PROPOSED PLAN LEVEL 1 - POWER LAYOUT (LEARNING COMMONS) - OPTION 2
E3.5	PROPOSED PLAN LEVEL 1 - DOOR REPLACEMENT
E4.0	ELECTRICAL SPECIFICATION

- ELECTRICAL NOTES**
- DO NOT SCALE DRAWINGS FOR INSTALLATION PURPOSES. ALL MEASUREMENTS ARE TO BE OBTAINED FROM ARCHITECTURAL PLANS, ELEVATIONS, AND FROM FIELD MEASUREMENTS.
 - DIVISION 16 SHALL REFER TO ARCHITECTURAL & MECHANICAL DRAWINGS FOR ALL SCOPE OF WORK OF DIVISION 16 WHICH ARE RELATED TO OTHER TRADES.
 - ELECTRICAL AND MECHANICAL TRADES SHALL WORK IN CONJUNCTION WITH ONE ANOTHER, SO AS TO AVOID INTERFERENCES AND TO MAINTAIN MINIMUM CLEARANCES BETWEEN DUCTWORK, PIPING, CONDUIT AND LIGHTING FIXTURE.
 - WORK IN CONJUNCTION WITH REFLECTED CEILING PLANS WHEN LOCATING LIGHT FIXTURES.
 - LED LIGHTING DRIVERS AND DIMMERS SHALL BE COMPATIBLE WITH THE SPECIFIED LED FIXTURES. DRIVERS MUST BE OF HIGH QUALITY, LONG-LIFE, CONSTANT CURRENT OR CONSTANT VOLTAGE AS REQUIRED BY THE FIXTURE, AND RATED FOR SMOOTH, FLICKER-FREE DIMMING WHERE DIMMING IS SPECIFIED. ALL DRIVERS, POWER SUPPLIES, AND CONTROLS SHALL BE LISTED FOR THE INTENDED APPLICATION AND COMPLY WITH RELEVANT CODES AND STANDARDS.
 - PROVIDE AND INCLUDE FOR ALL NECESSARY ACCESSORIES AND FITTINGS FOR A FULL AND COMPLETE INSTALLATION OF LIGHTING FIXTURES, INCLUDING CEILING TRIMS AND FRAMES TO SUIT CEILING. REFER TO ARCHITECTURAL CEILING SCHEDULE FOR CEILING TYPES.
 - PROVIDE EACH ITEM MENTIONED OR INDICATED OF QUALITY AND SUBJECT TO QUALIFICATIONS NOTED; PERFORM ACCORDING TO CONDITIONS STATED EACH OPERATION STATED, EACH OPERATION PRESCRIBED; AND PROVIDE THEREFORE ALL LABOR, MATERIAL, EQUIPMENT, INCIDENTALS AND SERVICES REQUIRED TO COMPLETE THE INSTALLATION.
 - SCHEDULE AND COORDINATE ALL WORK WITH OTHER TRADES.
 - CONTRACTOR SHALL BALANCE CIRCUIT LOADS AS CLOSELY AS POSSIBLE.
 - CONTRACTOR SHALL PERFORM VOLTAGE DROP CALCULATIONS FOR ALL BRANCH CIRCUITS OF LIGHTING, AND SHALL MAINTAIN VOLTAGE DROP WITHIN PERMISSIBLE LIMITS AS PER OESC REQUIREMENTS AND PROVIDE PROPER WIRE SIZES ACCORDINGLY PRIOR TO COMMENCING ROUGH-IN INSTALLATION. THE VOLTAGE DROP CALCULATIONS SHALL BE BASED ON MAXIMUM CIRCUIT AMPACITY.
 - ALL CONDUITS BACKBOXES AND ROUGH-IN FOR LOW VOLTAGE SYSTEMS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
 - DIVISION 16 TO PROVIDE CONDUIT & WIRING FOR ALL ELECTRICAL & MECHANICAL EQUIPMENT FOR A COMPLETE OPERATIONAL SYSTEM.
 - ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL THE ROUGH INS REQUIRED FOR DIVISION 16 SCOPE OF WORK (UNLESS NOTED OTHERWISE) INCLUDING CONDUITS, BACK BOXES, JUNCTION BOXES, PULL BOXES, ETC. ELECTRICAL CONTRACTOR SHALL REFER TO DIVISION 15 DRAWINGS AND SPECS FOR MORE INFORMATION AND SHALL INCLUDE ALL COSTS ASSOCIATED RELATED TO THE ROUGH INS IN HIS TENDER PRICE.
 - REFER TO DOOR HARDWARE SCHEDULE FOR ROUGH IN REQUIREMENT AND PROVIDE ALL NECESSARY FOR FULL OPERATIONAL SYSTEM TO COMPLY ACCORDINGLY.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE SUPPORTING SYSTEM TO SUPPORT ALL LIGHT FIXTURES ONLY FROM THE JOIST OR STEEL BEAMS (NOT FROM THE ROOF DECK).
 - ALL ELECTRICAL EQUIPMENT THAT IS SUSPENDED SHALL BE SUPPORTED BY A SYSTEM THAT IS CERTIFIED BY THE MANUFACTURER TO CARRY THE LOADS OF THE EQUIPMENT; IF NO SYSTEM IS RECOMMENDED BY THE MANUFACTURER, THE CONTRACTOR SHALL PROVIDE A DESIGN STAMPED BY A P.ENG. THESE ITEMS SHALL INCLUDE BUT NOT LIMITED TO LIGHTING, TRANSFORMER, HEATERS, AND ALL SIMILAR ELECTRICAL EQUIPMENT. INSTALL IN ACCORDANCE WITH MANUFACTURER'S OR P.ENG DESIGN.
 - PROVIDE STAINLESS STEEL COVER PLATES FOR ALL WIRING DEVICES, LIKE SWITCHES, POWER RECEPTACLES AND COVER PLATES.
 - ALL PANELS, SWITCHES, CIRCUITS, JUNCTION BOXES, PULL BOXES, CONTROLS, DRIVERS, AND OTHER ELECTRICAL APPARATUS SHALL BE CLEARLY AND PERMANENTLY LABELED FOR EASY IDENTIFICATION IN ACCORDANCE WITH OESC AND NEC REQUIREMENTS. ELECTRICAL SYSTEMS, INCLUDING PANELS, RACEWAYS, ENCLOSURES, AND OTHER NON-CURRENT CARRYING PARTS OF APPARATUS, SHALL BE PROPERLY GROUNDED AND BONDED ACCORDING TO OESC OR NEC REQUIREMENTS.

DEMOLITION LIGHTING FIXTURE SCHEDULE - Waterdown Secondary School						
TYPE	DESCRIPTION	VOLT	LAMP		MOUNT	REMARKS
			WATT	TYPE		
A1	2'X4' RECESSED FIXTURE	347	96	T8	CEILING RECESSED	LEARNING COMMONS
A2	1'X4' RECESSED FIXTURE	347	50	T8	CEILING RECESSED	LEARNING COMMONS / WASHROOM
A3	2'X2' RECESSED FIXTURE	347	4	T8	CEILING RECESSED	LEARNING COMMONS
D	4' LINEAR LIGHTING FIXTURE C/W WIRE GUARD	347	48	T8	SURFACE MOUNTED	LEARNING COMMONS
B1	CEILING MOUNT DOWNLIGHT	347	23	INCANDESCENT	CEILING RECESSED	LOBBY

PROPOSED LIGHTING FIXTURE SCHEDULE - Waterdown Secondary School											
TYPE	DESCRIPTION	LAMP/FIXTURE MAKE/MODEL	VOLT	LUMENS	LAMP			MOUNT	DLC PRODUCT ID	REMARK	
					WATT	TYPE	COL.				
A1	2'X4' RECESSED FIXTURE	LITHONIA LIGHTING - CPX 2X4 4000LM 80CRI 40K SWL EQUALS: PEERLESS-ELECTRIC	347	4936	36.7	LED	4000	CEILING RECESSED	YES - P45KVRJP	LEARNING COMMONS	
A2	1'X4' CEILING RECESSED FIXTURE	LITHONIA LIGHTING - 1X4 3000LM 80CRI 40K MIN10 ZT MVOLT EQUALS: PEERLESS-ELECTRIC AND GE	347	3190	13.7	LED	4000	CEILING RECESSED	YES - PMWFMX4 4	WASHROOM	
A3	2'X2' RECESSED FIXTURE	LITHONIA LIGHTING - CPX 2X2 4000LM 80CRI 40K SWL EQUALS: PEERLESS-ELECTRIC AND GE	347	2206	15.6	LED	4000	CEILING RECESSED	YES - P45KVRJP	LEARNING COMMONS	
D6	50" MOON RING SUSPENDED FIXTURE	ALW-MOONRING 1 LP1 MRSD D6 4000LM DMX SW UNV N OS/PH/HV EQUALS: PEERLESS-ELECTRIC AND GE	347	3440	82.8	LED	4000	CEILING SUSPENDED		LEARNING COMMONS	
D8	96" MOON RING SUSPENDED FIXTURE	ALW-MOONRING 1 LP1 MRSD D8 4000LM DMX SW UNV N OS/PH/HV EQUALS: PEERLESS-ELECTRIC AND GE	347	4590	111	LED	4000	CEILING SUSPENDED		LEARNING COMMONS	
D1	6" DOWN LIGHT	LITHONIA LIGHTING - LDN6 WW5WD 90CR4 WWH MVOLT EQUALS: PEERLESS-ELECTRIC AND GE	347	1370	13.7	LED	4000	CEILING RECESSED	S-EVZA7	LEARNING COMMONS	



No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

Orientation

Seal

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CORPORATE REGISTERED ELECTRICAL ENGINEERS
2828 Kingsway Drive, Suite 201, Oakville, Ontario L6J 7M2
PHONE: (905) 239-3010
www.regal-eng.com

Project Information
WATERDOWN HS RENOVATIONS

215 Parkside Dr., Waterdown, ON L8B 1B9

For
HAMILTON WENTWORTH DISTRICT
SCHOOL BOARD

Drawing Title
LEAD SHEET, NOTES AND SCHEDULES-1

Date	Project No	Drawing No
Drawn by SY	2025-510	E1.0
Scale As indicated		

ELECTRICAL PANEL: PROPOSED PANEL BOARD LP-A120 SCHEDULE												ELECTRICAL PANEL LOCATION: LIBRARY RM 1030											
DESCRIPTION	BRKR SIZE (A)	WATTS PER PHASE			CR NO	BUS ABC	CR NO	WATTS PER PHASE			BRKR SIZE (A)	DESCRIPTION											
		A	B	C				A	B	C													
RECPT ON NORTH WALL	15				01		02				15	RECPT ABOVE COUNTER RM 1036& LADIES WASHRM											
RECPT ON NORTH WALL	15				03		04				15	GFI RECPT ABOVE CTR RM 1036 TV CABINET REC IN LADIES WASHRM 1036											
RECPT ON NORTH WALL	15				05		06				15	SPACE											
RECPT ON NORTH WALL	15				07		08				15	SPACE											
RECPT ON EAST WALL & RM1041	15				09		10				15	SPACE											
RECPT ON EAST WALL & RM1042	15				11		12				15	SPACE											
RECPT ON EAST WALL & RM1042	15				13		14				15	SPACE											
SPACE					15		16				15	RECPT NORTH & WEST WALL											
RECPT ON RM 1042 & RECEPTION 1040	15				17		18				15	ADF-15											
RECPT IN MOD PANEL & UNDER COUNTER	15				19		20				15	SPACE											
RECPT ON WALL BELOW WIRE MOLD	15				21		22				15	SPACE											
RECPT ON WALL BELOW WIRE MOLD	15				23		24				15	I PAD AND PENCIL SHARPENER											
RECPT ON WALL BELOW WIRE MOLD	15				25		26				15	SPACE											
RECPT OUTSIDE WALL BY STAIR OF PIT 1039	15				27		28				15	SPACE											
SPACE	15				29		30				15	SPACE											
OUTSIDE WALL OF PIT AT STAIR	15				31		32				15	RECPT UNDER RECEPTION DESK											
CONDENSATE PUMP	15				33		34				15	RECPT FOR SERVER RM 1036											
SPACE	15				35		36				15	DATA SWITCHES & TV REC MAI LIBRARY (WEST END)											
SPACE					37		38					SPACE											
SPACE					39		40					SPACE											
SPACE					41		42					SPACE											
(*) GROUND FAULT INTERRUPTER CIRCUIT BREAKER																							
(**) CW LOCK-OFF DEVICES																							

ELECTRICAL PANEL: EXISTING PANEL BOARD LP-A120 SCHEDULE												ELECTRICAL PANEL LOCATION: LIBRARY RM 1030											
DESCRIPTION	BRKR SIZE (A)	WATTS PER PHASE			CR NO	BUS ABC	CR NO	WATTS PER PHASE			BRKR SIZE (A)	DESCRIPTION											
		A	B	C				A	B	C													
RECPT ON NORTH WALL	15				01		02				15	RECPT ABOVE COUNTER RM 1036& LADIES WASHRM											
RECPT ON NORTH WALL	15				03		04				15	GFI RECPT ABOVE CTR RM 1036 TV CABINET REC IN LADIES WASHRM 1036											
RECPT ON NORTH WALL	15				05		06				15	RECPT ON WALL											
RECPT ON NORTH WALL	15				07		08				15	RECPT ON WALL STUDY DESK											
RECPT ON WALL RM1041	15				09		10				15	RECPT ON WALL RM1041 & 1042											
RECPT ON EAST WALL & RM1042	15				11		12				15	RECPT ON WALL RM1041 & 1042											
RECPT ON EAST WALL & RM1042	15				13		14				15	RECPT ON WALL STUDY WALL											
RECEPT ON WALL	15				15		16				15	RECPT NORTH & WEST WALL											
RECPT ON RECEPTION	15				17		18				15	ADF-15											
RECPT IN MOD PANEL & UNDER COUNTER	15				19		20				15	RECPT ON WALL COMPUTER DESK											
RECPT ON WALL STANDING DESK	15				21		22				20	RECPT FOR PRINTER											
RECPT ON WALL STANDING DESK	15				23		24				15	I PAD AND PENCIL SHARPENER											
RECPT ON WALL COMPUTER STATION	15				25		26				20	RECPT FOR TV											
RECPT OUTSIDE WALL BY STAIR OF PIT 1039	15				27		28				15	RECPT ON CLASS ROOM 1031											
RECPT ON WALL COMPUTER STATION	15				29		30				15	RECPT ON CLASS ROOM 1031											
OUTSIDE WALL OF PIT AT STAIR	15				31		32				15	RECPT UNDER RECEPTION DESK											
CONDENSATE PUMP	15				33		34				15	RECPT FOR SERVER RM 1036											
RECPT ON WALL COMPUTER STATION	15				35		36				15	DATA SWITCHES & TV REC MAI LIBRARY (WEST END)											
RECPT ON WALL COMPUTER STATION	15				37		38					SPACE											
SPACE					39		40					SPACE											
SPACE					41		42					SPACE											
(*) GROUND FAULT INTERRUPTER CIRCUIT BREAKER																							
(**) CW LOCK-OFF DEVICES																							

No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

Orientation Seal

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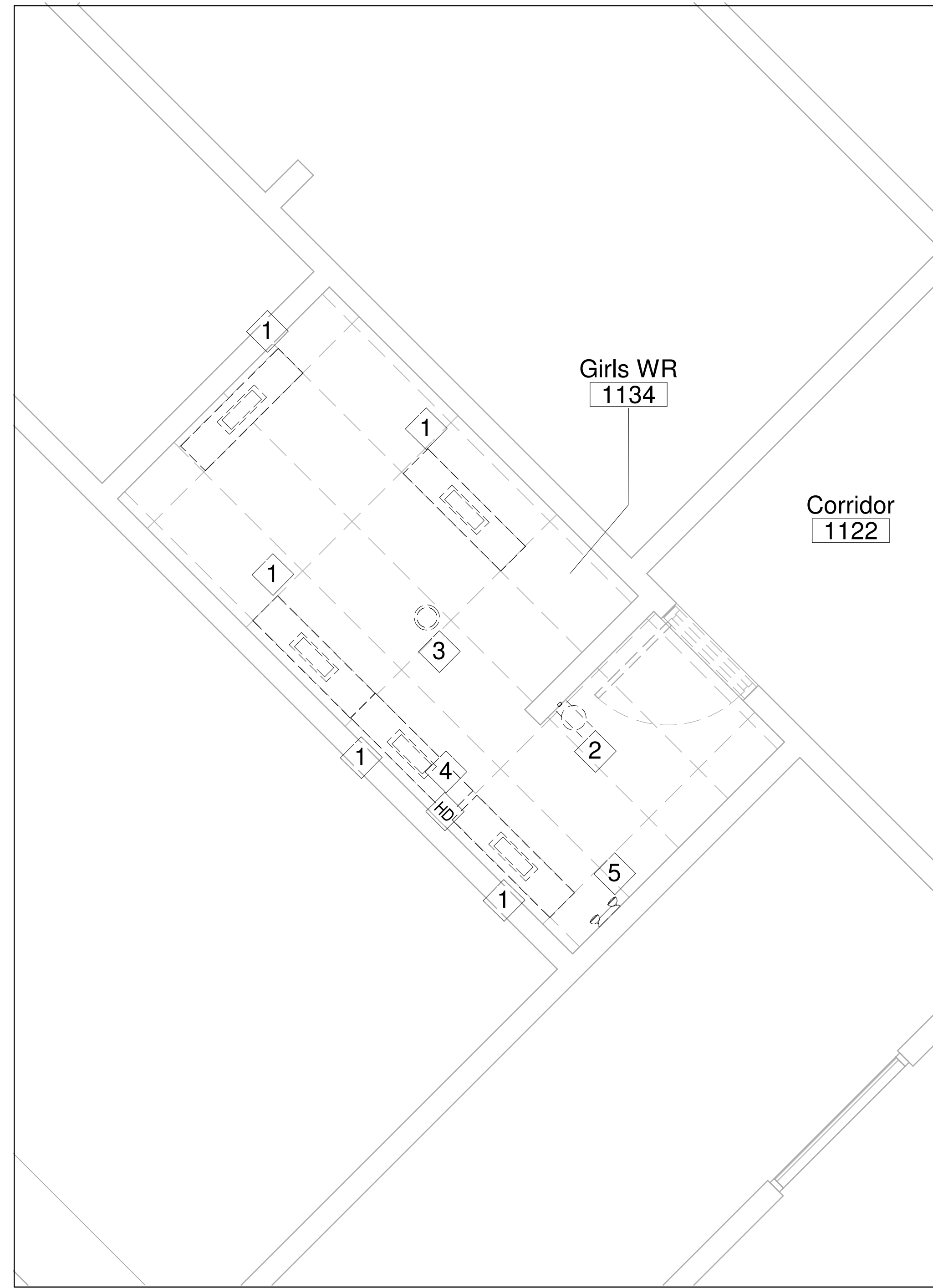


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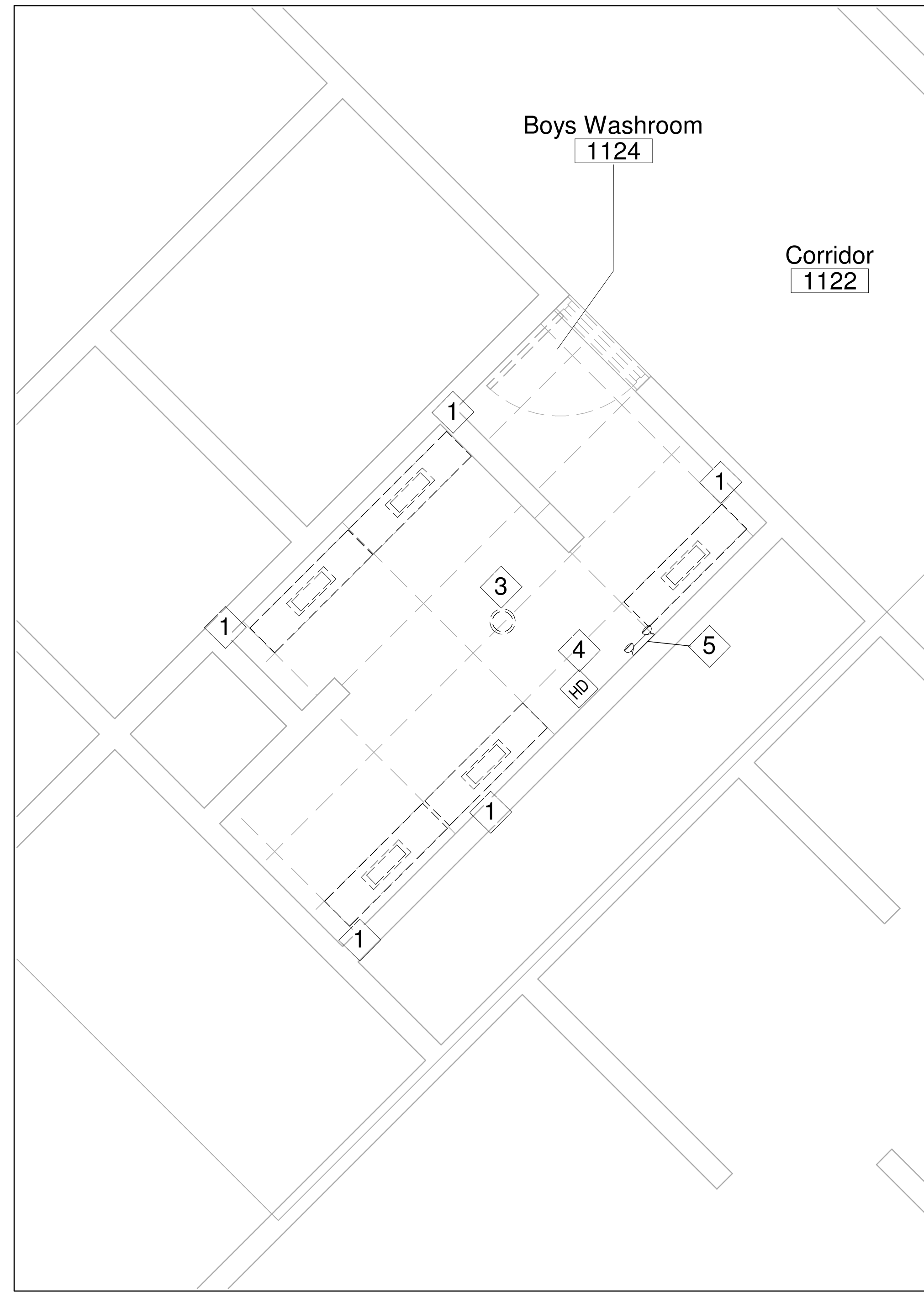
Project Information
WATERDOWN HS RENOVATIONS
 215 Parkside Dr, Waterdown, ON L8B 1B9
 For
 HAMILTON WENTWORTH DISTRICT
 SCHOOL BOARD
 Drawing Title
LEAD SHEET, NOTES AND SCHEDULES-2

Date	Project No	Drawing No
Drawn by SY	2025-510	E1.1
Scale		

Autodesk Docs/25019 - Waterdown Highschool Renovations/510-Waterdown HS Electrical Model_R24.rvt 2025-05-22 11:02:51 AM



2 DEMO-LEVEL 1-GIRLS WR 1134
E2.0 SCALE: 1 : 30



4 DEMO-LEVEL 1-BOYS WR 1124
E2.0 SCALE: 1 : 30

DEMOLITION DRAWING NOTES	
1	ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE POWER TO THE LIGHTING FIXTURES BEING DEMOLISHED. AFTER REMOVAL, MARK THE CIRCUITS AS SPARE AND UPDATE PANEL SCHEDULES ACCORDINGLY. REMOVE ALL ASSOCIATED CABLES, WIRES, AND CONDUITS BACK TO THE SOURCE.
2	ELECTRICAL CONTRACTOR SHALL REMOVE AND RE-INSTALL EXISTING RECEPTACLES AS SHOWN ON THE ELECTRICAL DRAWINGS, AS REQUIRED FOR THE WASHROOM RENOVATION. ALLOW FOR EXTENDING CABLES AND CONDUITS, TESTING, AND VERIFICATION TO ENSURE PROPER FUNCTIONALITY.
3	ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING CEILING MOUNTED SPEAKERS AS SHOWN ON THE ELECTRICAL DRAWINGS.
4	ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE POWER TO THE HAND DRYER BEING DEMOLISHED. AFTER REMOVAL, MARK THE CIRCUITS AS SPARE AND REMOVE ALL ASSOCIATED CABLES, WIRES, AND CONDUITS BACK TO THE SOURCE.
5	ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE POWER FROM EXISTING EMERGENCY LIGHT BEING DEMOLISHED. AFTER REMOVAL, CONTRACTOR SHALL CLEAN MAKE FIXTURE READY TO INSTALL.
6	THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL RELATED ELECTRICAL WORK. ENSURE PROPER CONNECTIONS FOR ANY MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER.
7	ENSURE ALL WORK IS COMPLETED IN ACCORDANCE WITH THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND OTHER APPLICABLE REGULATIONS.

No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

Orientation Seal

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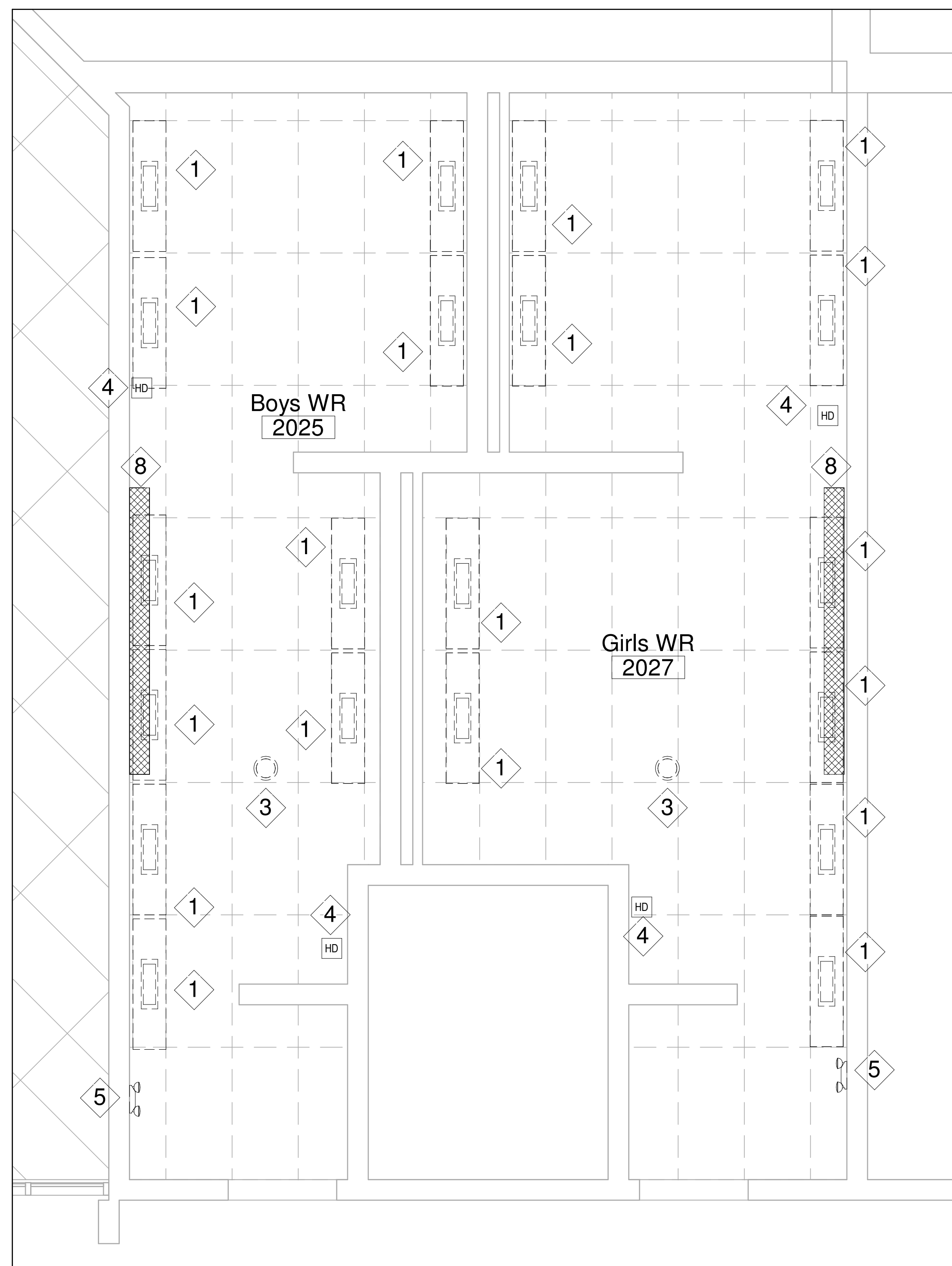
Project Information
WATERDOWN HS RENOVATIONS

215 Parkside Dr, Waterdown, ON L8B 1B9

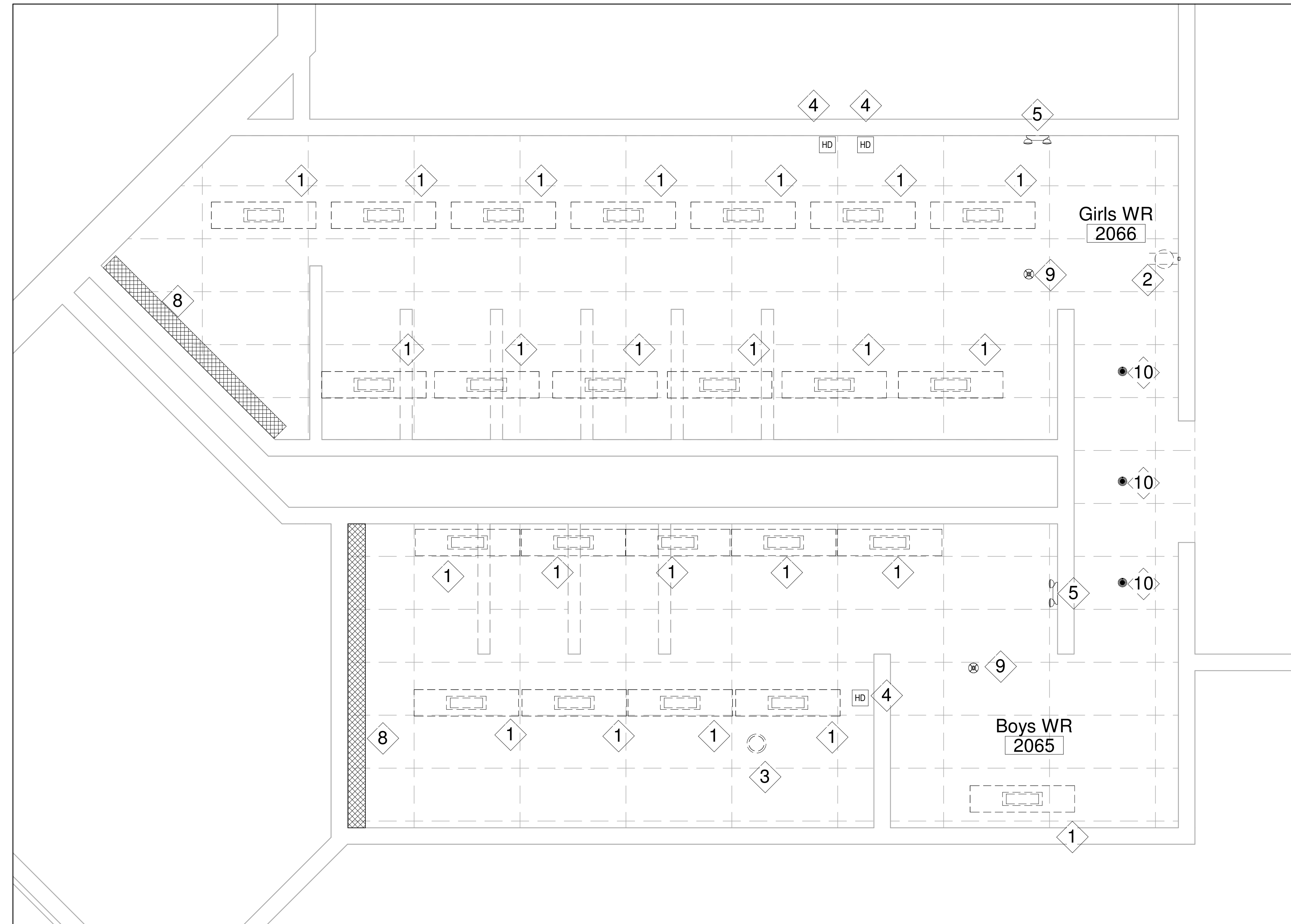
For
HAMILTON WENTWORTH DISTRICT
SCHOOL BOARD

Drawing Title
**DEMOLITION PLAN LEVEL 1 -
LIGHTING LAYOUT (WASH ROOMS)**

Date	Project No	Drawing No
Drawn by SY	2025-510	E2.0
Scale 1 : 30		



3 DEMO-LEVEL 2-GWR 2025 & BWR 2027
E2.1 SCALE: 1 : 30



2 DEMO-LEVEL 2-GWR 2066 & BWR 2065
E2.1 SCALE: 1 : 30

DEMOLITION DRAWING NOTES	
1	ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE POWER TO THE LIGHTING FIXTURES BEING DEMOLISHED. AFTER REMOVAL, MARK THE CIRCUITS AS SPARE AND UPDATE PANEL SCHEDULES ACCORDINGLY. REMOVE ALL ASSOCIATED CABLES, WIRES, AND CONDUITS BACK TO THE SOURCE.
2	ELECTRICAL CONTRACTOR SHALL REMOVE AND RE-INSTALL EXISTING RECEPTACLES AS SHOWN ON THE ELECTRICAL DRAWINGS, AS REQUIRED FOR THE WASHROOM RENOVATION. ALLOW FOR EXTENDING CABLES AND CONDUITS, TESTING, AND VERIFICATION TO ENSURE PROPER FUNCTIONALITY.
3	ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING CEILING MOUNTED SPEAKERS, MARK THE CABLE, AS SHOWN ON THE ELECTRICAL DRAWINGS.
4	ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE POWER TO THE HAND DRYER BEING DEMOLISHED. AFTER REMOVAL, MARK THE CIRCUITS AS SPARE AND REMOVE ALL ASSOCIATED CABLES, WIRES, AND CONDUITS BACK TO THE SOURCE.
5	ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE POWER FROM EXISTING EMERGENCY LIGHT BEING DEMOLISHED. AFTER REMOVAL, CONTRACTOR SHALL CLEAN FIXTURE READY TO RE-INSTALL.
6	THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL RELATED ELECTRICAL WORK. ENSURE PROPER CONNECTIONS FOR ANY MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER.
7	ENSURE ALL WORK IS COMPLETED IN ACCORDANCE WITH THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND OTHER APPLICABLE REGULATIONS.
8	ELECTRICAL CONTRACTOR SHALL PROTECT AND COVER THE EXISTING CABINET RADIATOR HEATER, FEEDING CIRCUIT TO PROTECTED DURING DEMOLISHED.
9	ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING CEILING MOUNTED OCCUPANCY SENSOR.
10	LIGHTING FIXTURE WILL REMAIN AS IS. ELECTRICAL CONTRACTOR SHALL PROTECT AND COVER THE LIGHTING FIXTURE DURING DEMOLISHED.

No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

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Project Information
WATERDOWN HS RENOVATIONS

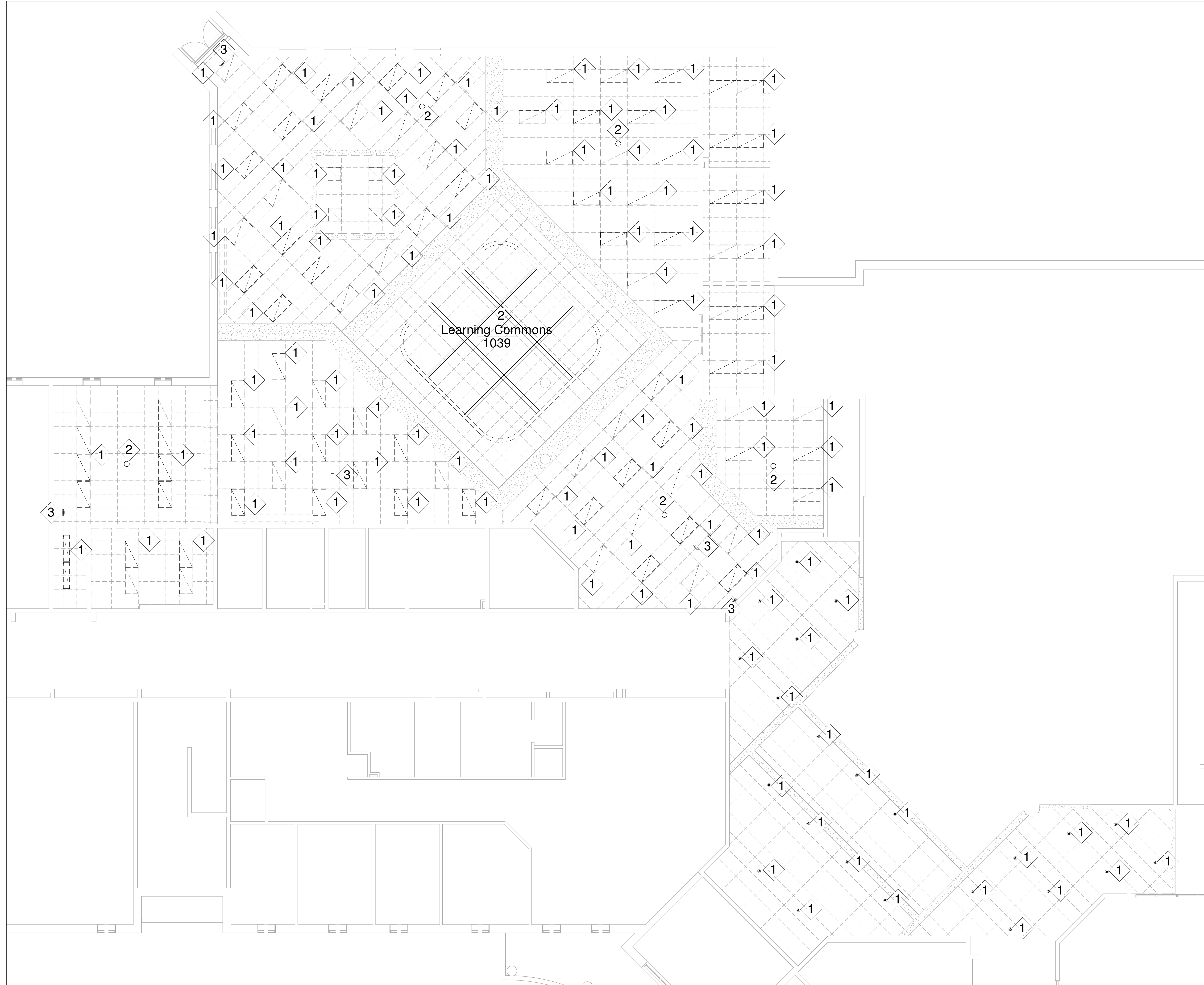
215 Parkside Dr, Waterdown, ON L8B 1B9

For
HAMILTON WENTWORTH DISTRICT
SCHOOL BOARD

Drawing Title
**DEMOLITION PLAN LEVEL 2 -
LIGHTING LAYOUT (WASHROOMS)**

Date	Project No	Drawing No
Drawn by SY	2025-510	E2.1
Scale	1 : 30	

DEMOLITION DRAWING NOTES	
1	ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE POWER TO THE LIGHTING FIXTURES BEING DEMOLISHED. AFTER REMOVAL, MARK THE CIRCUITS AS SPARE AND UPDATE PANEL SCHEDULES ACCORDINGLY. REMOVE ALL ASSOCIATED CABLES, WIRES, AND CONDUITS BACK TO THE SOURCE.
2	ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING CEILING MOUNTED OCCUPANCY SENSOR.
3	THE ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER FROM EXIT LIGHT AND RE-INSTALL EXISTING EXIT LIGHTS AS SHOWN ON THE ELECTRICAL DRAWINGS, AS REQUIRED RENOVATION. ALLOW FOR EXTENDING CABLES AND CONDUITS, TESTING AND CONFIRM EXIT SIGN WORKING.
4	THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL RELATED ELECTRICAL WORK. ENSURE PROPER CONNECTIONS FOR ANY MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER.
5	ENSURE ALL WORK IS COMPLETED IN ACCORDANCE WITH THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND OTHER APPLICABLE REGULATIONS.



No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

Orientation Seal

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Project Information
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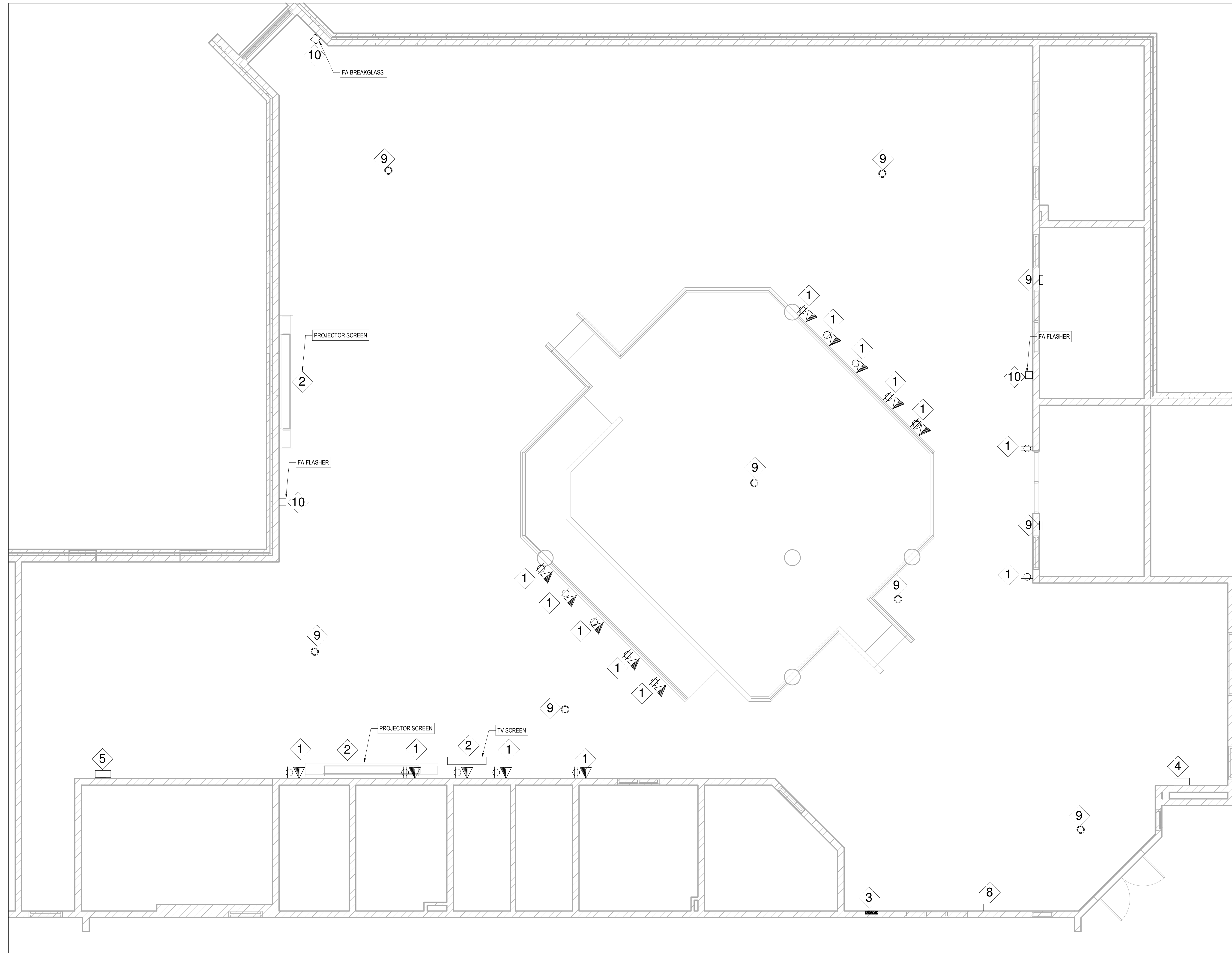
215 Parkside Dr, Waterdown, ON L8B 1B9
 For
 HAMILTON WENTWORTH DISTRICT
 SCHOOL BOARD

Drawing Title
**DEMOLITION PLAN LEVEL 1 -
 LIGHTING LAYOUT (LEARNING
 COMMONS)**

Date	Project No	Drawing No
Drawn by SY	2025-510	E2.2
Scale 1 : 80		

1
E2.2 SCALE: 1 : 80
DEMO-LEVEL 1-LEARNING COMMONS 1039-LIGHTING LAYOUT

DEMOLITION DRAWING NOTES	
1	ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE THE RECEPTACLES AND DATA SOCKET BEING DEMOLISHED. AFTER REMOVAL, MARK THE CIRCUITS AS SPARE. REMOVE ALL ASSOCIATED CABLES, WIRES, AND CONDUITS BACK TO THE SOURCE.
2	ELECTRICAL CONTRACTOR SHALL REMOVE THE PROJECT AND TV SCREEN FROM THE WALL AND DISCONNECT ALL CABLES AND POWER FOR SCREEN AND RETURN BACK TO SCHOOL CUSTODIAN
3	ELECTRICAL PANEL LP-A120 IN LIBRARY ROOM REMAIN SAME.
4	ELECTRICAL CONTRACTOR SHALL PROTECT AND COVER THE EXISTING CLASS ROOM CONTROL MODULE DURING CONSTRUCTION, TO BE IN SAME LOCATION AS SHOWN IN LAYOUT.
5	ELECTRICAL CONTRACTOR SHALL DISCONNECT THE POWER FOR CLASS ROOM CONTROL MODULE. MARK THE CIRCUIT AS SPARE AND RELOCATE THE EXISTING CLASS ROOM CONTROL MODULE FROM PRESENTATION AREA -1030 TO NEW CLASS ROOM 1031.
6	THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL RELATED ELECTRICAL WORK. ENSURE PROPER CONNECTIONS FOR ANY MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER.
7	ENSURE ALL WORK IS COMPLETED IN ACCORDANCE WITH THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND OTHER APPLICABLE REGULATIONS.
8	ELECTRICAL CONTRACTOR REMOVE AND RELOCATE EXISTING CLASS ROOM CONTROL MODULE NEAR TO WINDOW AS SHOWN IN LAYOUT.
9	ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING WALL AND CEILING MOUNTED SPEAKERS AS SHOWN ON THE LAYOUT. HANDED TO SCHOOL CUSTODIAL.
10	ELECTRICAL CONTRACTOR SHALL PROTECT AND COVER THE EXISTING FIRE ALARM FLASHER OTHER LIFE SAFETY DEVICE DURING DEMOLISHED.



No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

Orientation

Seal

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Project Information
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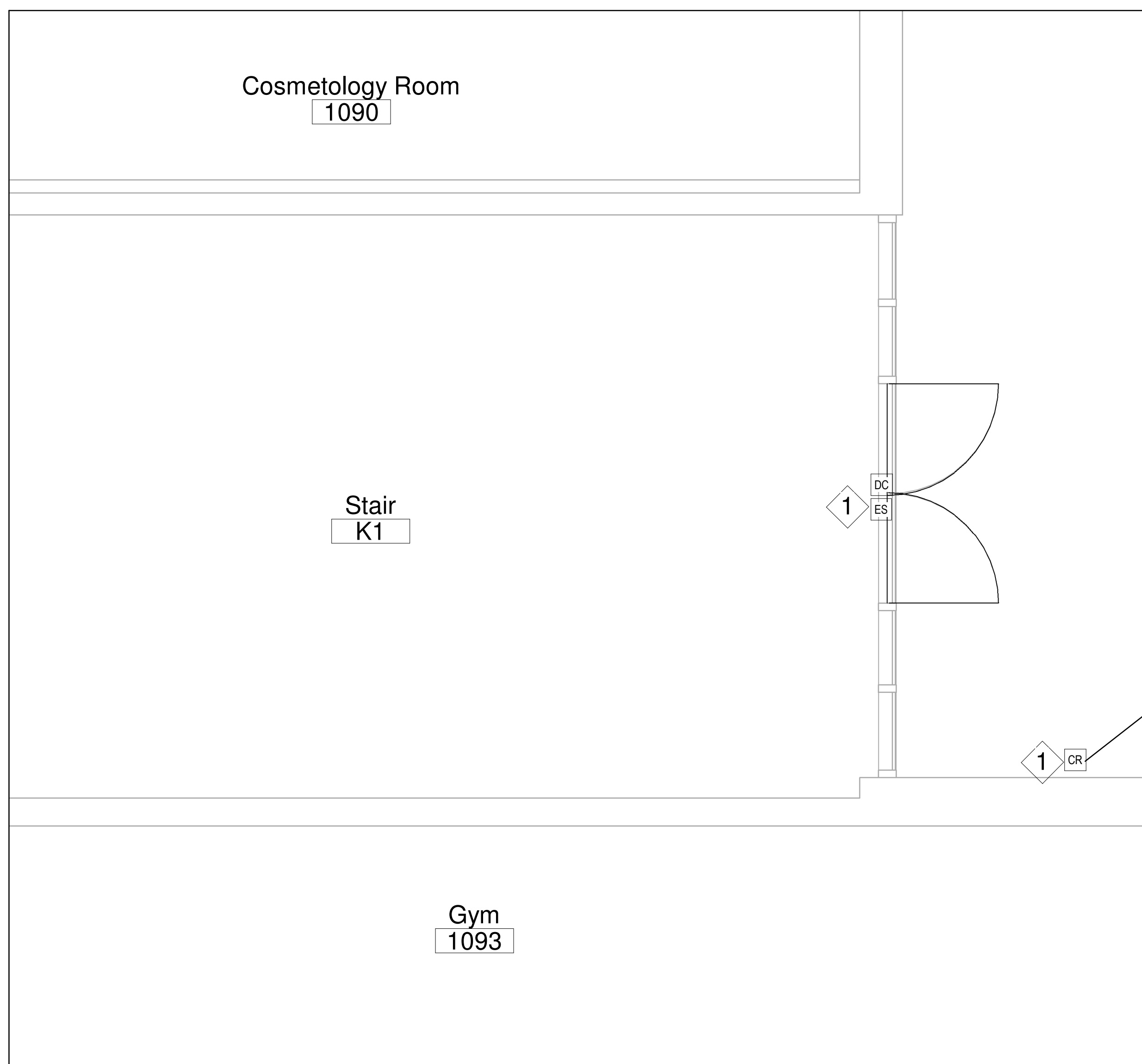
215 Parkside Dr, Waterdown, ON L8B 1B9

For
 HAMILTON WENTWORTH DISTRICT
 SCHOOL BOARD

Drawing Title
**DEMOLITION PLAN LEVEL 1 -
 POWER LAYOUT (LEARNING
 COMMONS)**

Date	Project No	Drawing No
Drawn by SY	2025-510	E2.3
Scale	1 : 50	

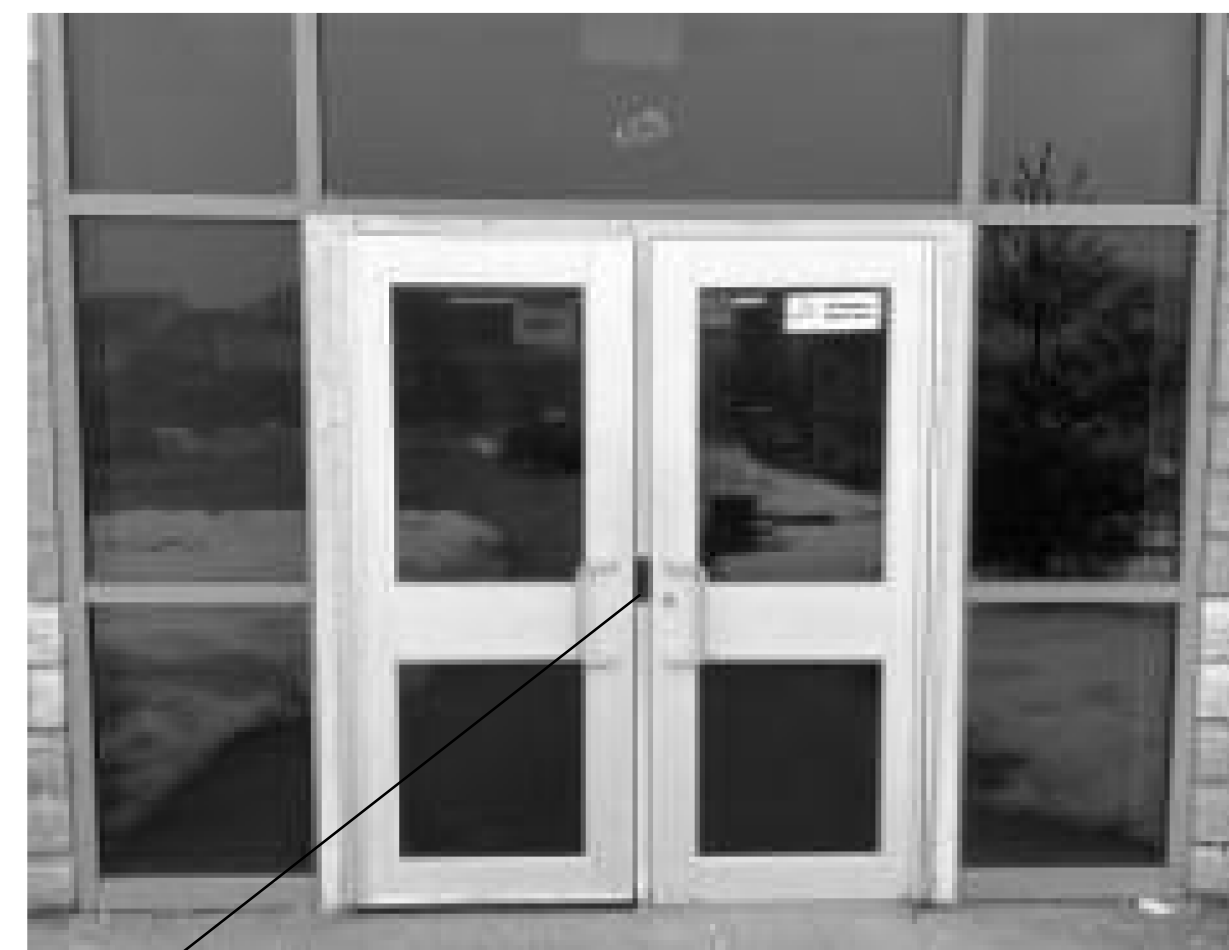
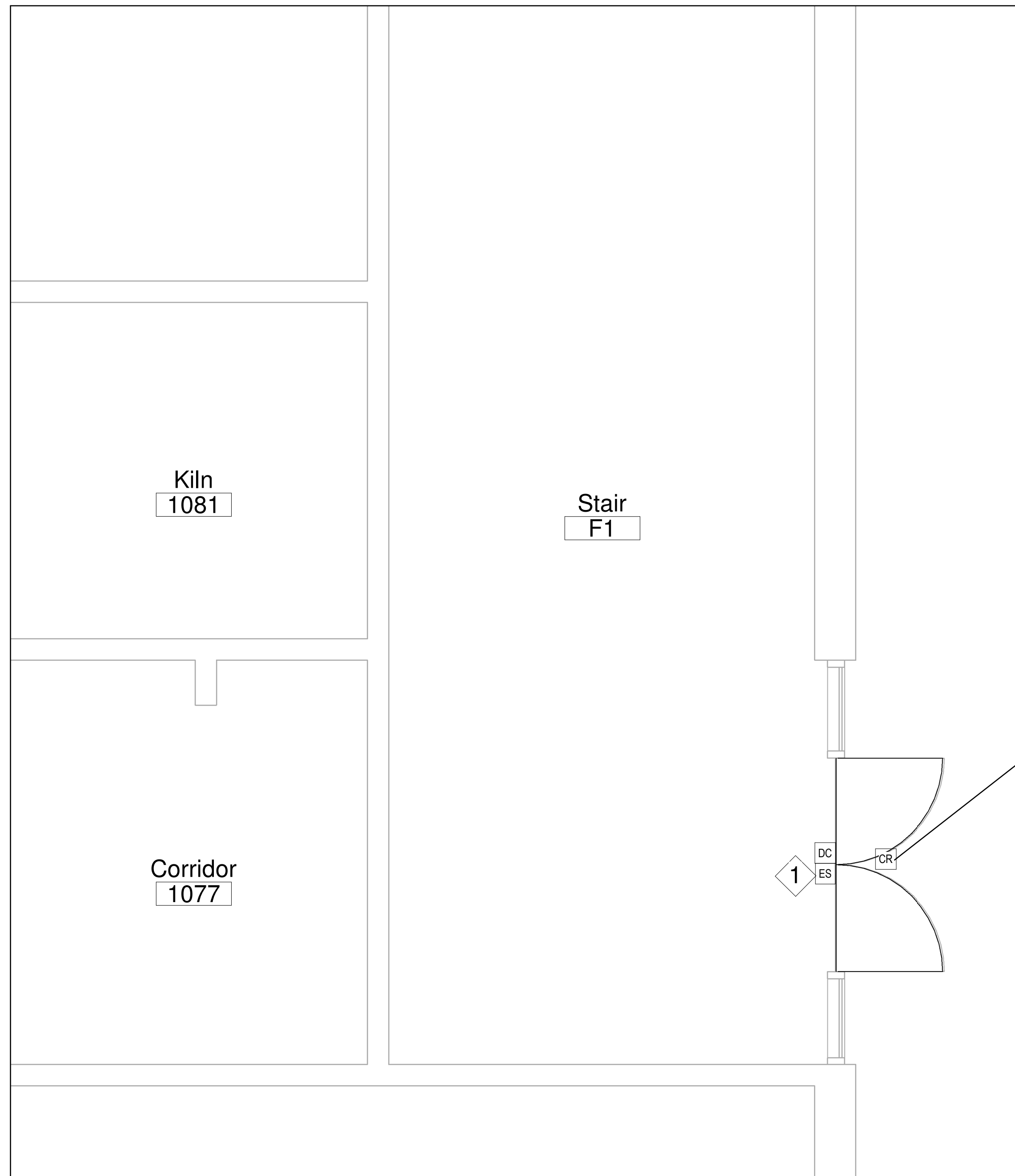
1
DEMO-LEVEL 1-LEARNING COMMONS 1039-POWER LAYOUT
 SCALE: 1 : 50



DEMOLITION DRAWING NOTES	
1	THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL DEVICES CARD READER, DOOR CONTACT, CONDUIT AND CONTROL CABLE FOR DOOR CONTACT. RETURN SAFE TO SCHOOL CUSTODIAN.
2	THE ELECTRICAL CONTRACTOR SHALL PROTECT ALL EXISTING EQUIPMENT, DEVICES, AND CABLES DURING WORK.
3	THE ELECTRICAL CONTRACTOR SHALL ENSURE ALL WORK COMPLIES WITH THE ONTARIO ELECTRICAL SAFETY CODE AND OBTAIN NECESSARY INSPECTIONS AND APPROVALS.
4	GC OR CONTRACTOR FROM SCHOOL BOARD CAN CHECK AND VERIFY ALL EXISTING CARD READER AND DOOR RELEASE DEVICE IN OPERATIONAL CONDITION BEFORE DEMOLITION.

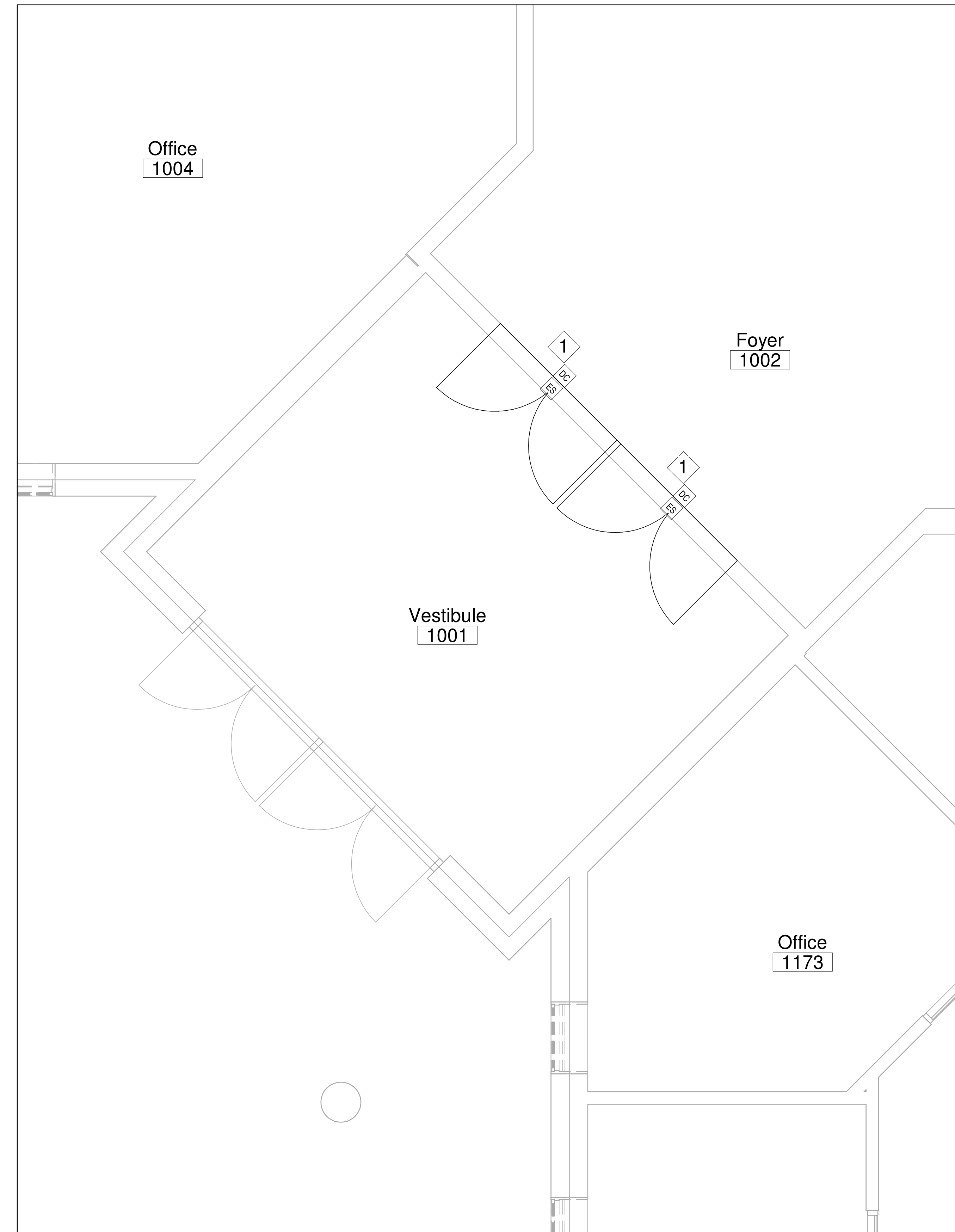
DEMOLITION PLAN LEVEL 1-STAIR K1 DOOR REPLACEMENT

1
E2.4 SCALE: 1 : 30



DEMOLITION PLAN LEVEL 1-STAIR F1 DOOR REPLACEMENT

2
E2.4 SCALE: 1 : 30



DEMOLITION PLAN LEVEL 1-VESTIBULE 1001 DOOR REPLACEMENT

3
E2.4 SCALE: 1 : 30

No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

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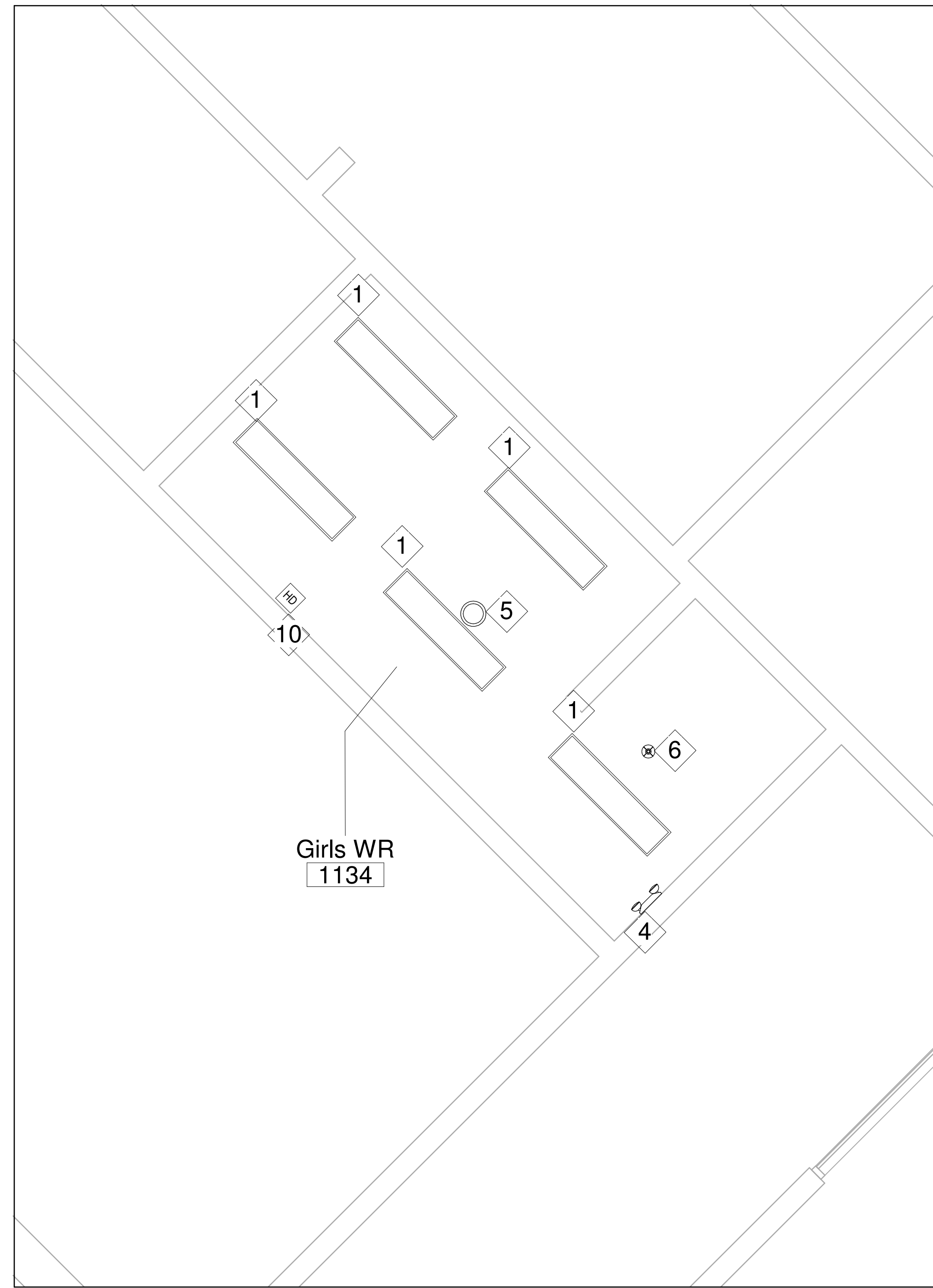
Project Information
WATERDOWN HS RENOVATIONS

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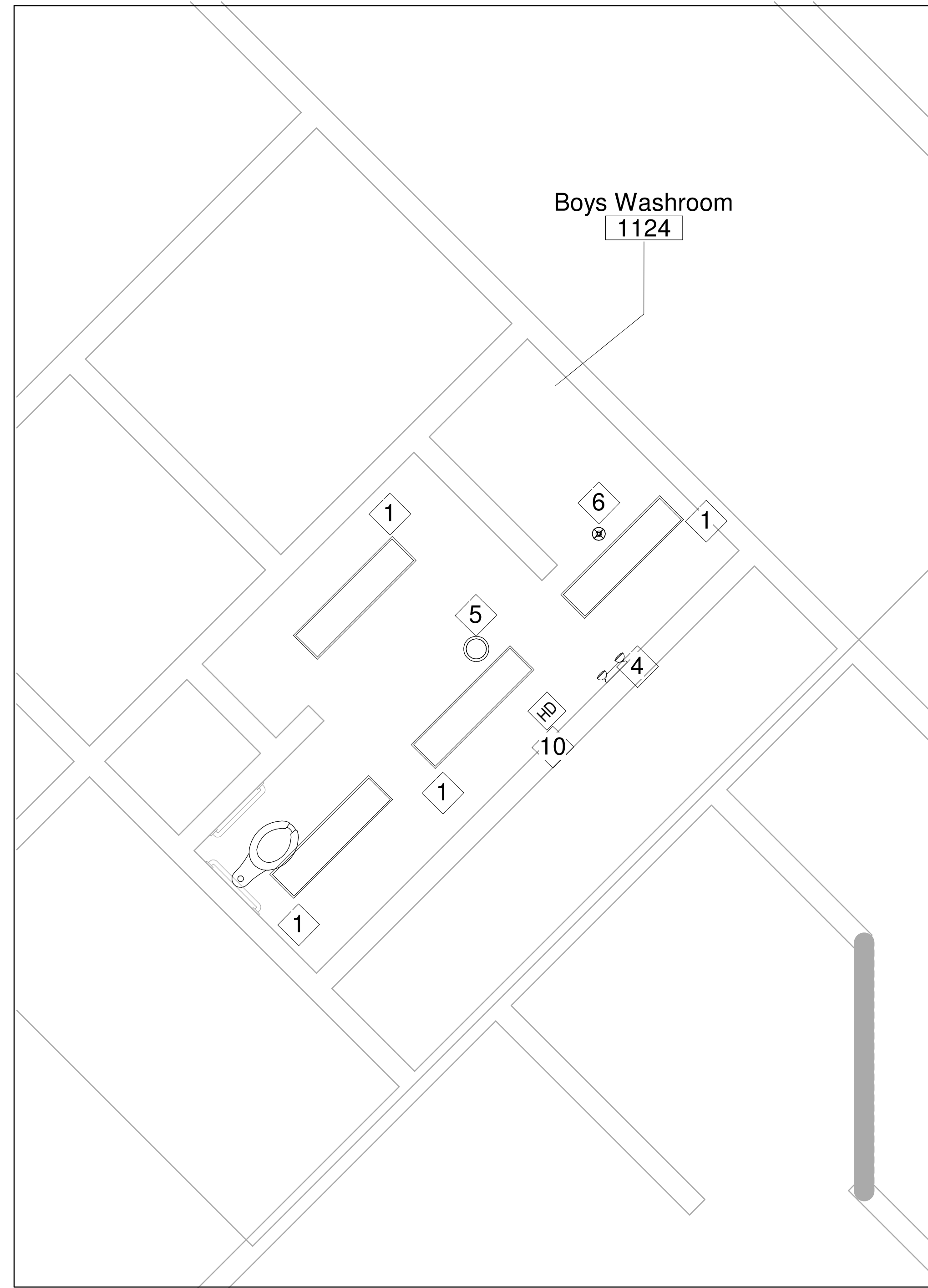
For
HAMILTON WENTWORTH DISTRICT
SCHOOL BOARD

Drawing Title
DEMOLITION PLAN LEVEL 1 - DOOR REPLACEMENT

Date	Project No	Drawing No
SY	2025-510	E2.4
Scale	1 : 30	



2 PROPOSED-LEVEL 1-GIRLS WR 1134
E3.0 SCALE: 1 : 30



1 PROPOSED-LEVEL 1-BOYS WR 1124
E3.0 SCALE: 1 : 30

PROPOSED DRAWING NOTES	
1	THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW TYPE A2 LIGHTING FIXTURES AS SHOWN ON THE ELECTRICAL DRAWINGS.
2	RE-UTILIZE EXISTING LIGHTING CIRCUIT UNLESS NOTED OTHERWISE. THE ELECTRICAL CONTRACTOR TO VERIFY CAPACITY OF EXISTING LIGHTING CIRCUIT PRIOR TO INSTALLATION.
3	THE ELECTRICAL CONTRACTOR TO IDENTIFY THE CIRCUIT FEEDING PANEL AND PROVIDE NEW LABELS FOR CIRCUIT .
4	THE ELECTRICAL CONTRACTOR SHALL RE-INSTALL EXISTING EMERGENCY LIGHTS AS SHOWN ON THE ELECTRICAL DRAWINGS, AS REQUIRED FOR THE WASHROOM RENOVATION. ALLOW FOR EXTENDING CABLES AND CONDUITS, CONFIRM EMERGENCY LIGHTS FUNCTION EMERGENCY MODES.
5	THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND PULL STRING FOR CEILING-MOUNTED SPEAKERS AS SHOWN ON THE ELECTRICAL DRAWINGS.
6	ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL OCCUPANCY SENSOR AS SHOWN IN LAYOUT, OCCUPANCY SENSOR TO BE DUAL TECHNOLOGY, ACCEPTABLE MANUFACTURERS WATTSTOPPER , ACUITY AND LUTRON.
7	THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL RELATED ELECTRICAL WORK. ENSURE ALL CONNECTIONS TO MECHANICAL EQUIPMENT ARE INSTALLED PER MANUFACTURER REQUIREMENTS.
8	THE ELECTRICAL CONTRACTOR SHALL PROTECT ALL EXISTING EQUIPMENT, DEVICES, AND CABLES DURING DEMOLITION AND CONSTRUCTION.
9	THE ELECTRICAL CONTRACTOR SHALL ENSURE ALL WORK COMPLIES WITH THE ONTARIO ELECTRICAL SAFETY CODE AND OBTAIN NECESSARY INSPECTIONS AND APPROVALS.
10	THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL THE HAND DRYER ON EXISTING LOCATION, FOR HEIGHT REFER ARCH DRAWING AND MODEL : SLIM DRI SURFACE MOUNTED ADA STAINLESS STEEL , POLISHED, #L-972 ELECTRICAL SPECIFICATION - 3.7A, 208V, 60HZ .
11	CONTRACTOR FROM SCHOOL BOARD WILL PROVIDE, AND INSTALL CABLE , CEILING MOUNTED SPEAKER, AND CONNECT TO EXISTING PA SYSTEM .

No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

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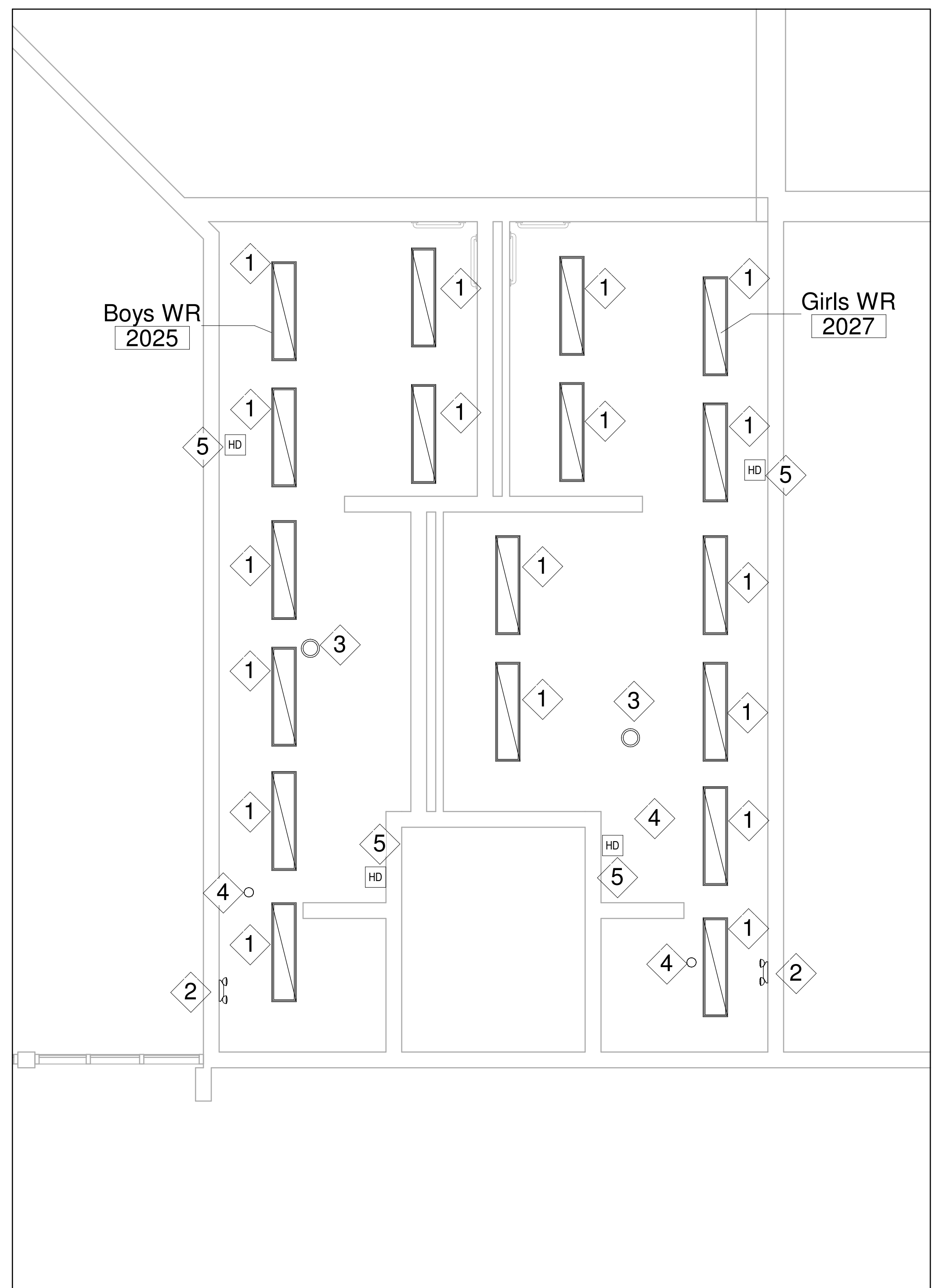
Project Information
WATERDOWN HS RENOVATIONS

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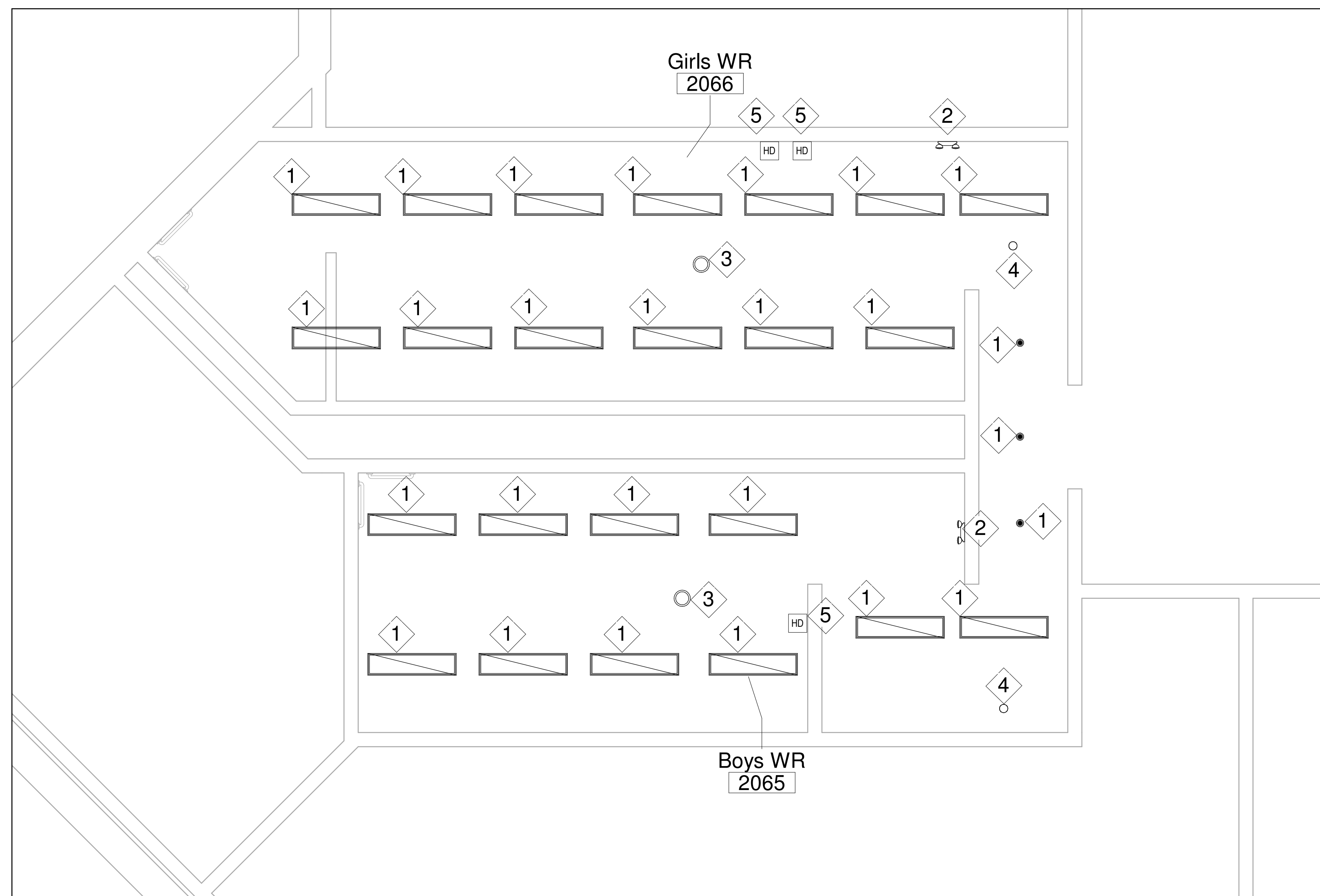
For
HAMILTON WENTWORTH DISTRICT SCHOOL BOARD

Drawing Title
PROPOSED PLAN LEVEL 1 - LIGHTING LAYOUT (WASH ROOMS)

Date	Project No	Drawing No
Drawn by SY	2025-510	E3.0
Scale 1 : 30		



1 PROPOSED-LEVEL 2-GWR 2025 & BWR 2027
E3.1 SCALE: 1 : 40



2 PROPOSED-LEVEL 2-GWR 2066 & BWR 2065
E3.1 SCALE: 1 : 40

PROPOSED DRAWING NOTES	
1	THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW LIGHTING FIXTURES AS SHOWN ON THE ELECTRICAL DRAWINGS. THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW CONDUITS AND WIRE AS REQUIRED.
2	THE ELECTRICAL CONTRACTOR SHALL RE-INSTALL EXISTING EMERGENCY LIGHTS AS SHOWN ON THE ELECTRICAL DRAWINGS, AS REQUIRED FOR THE WASHROOM RENOVATION. ALLOW FOR EXTENDING WIRE AND CONDUITS.
3	THE ELECTRICAL CONTRACTOR SHALL CONDUIT AND PULL STRING FOR CEILING-MOUNTED SPEAKERS. AS SHOWN ON THE ELECTRICAL DRAWINGS.
4	ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL OCCUPANCY SENSOR AS SHOWN IN LAYOUT, OCCUPANCY SENSOR TO BE DUAL TECHNOLOGY, ACCEPTABLE MANUFACTURERS WATTSTOPPER, ACUITY AND LUTRON.
5	THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL THE HAND DRYER ON EXISTING LOCATION, WITH SAME HEIGHT. MODEL : SLIM DRI SURFACE MOUNTED ADA STAINLESS STEEL, POLISHED, (#L-972) ELECTRICAL SPECIFICATION - 3.7A, 208V, 60HZ.
6	CONTRACTOR FROM SCHOOL BOARD SHALL PROVIDE AND INSTALL CABLE. CEILING MOUNTED SPEAKER, AND CONNECT TO EXISTING PA SYSTEM.
7	THE ELECTRICAL CONTRACTOR SHALL PROTECT ALL EXISTING EQUIPMENT, DEVICES, AND CABLES DURING WORK.

No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

Orientation Seal

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Project Information
WATERDOWN HS RENOVATIONS

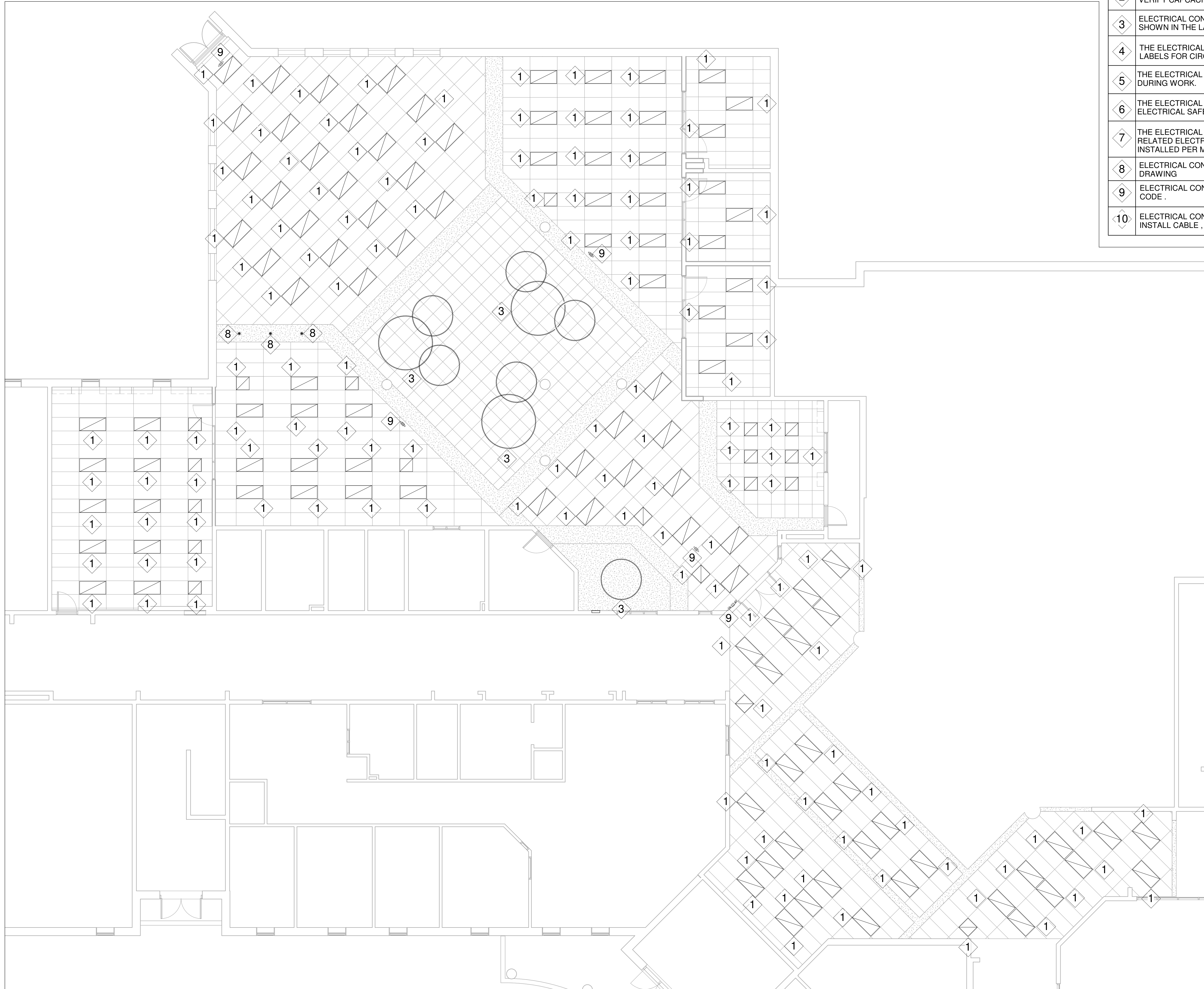
215 Parkside Dr, Waterdown, ON L8B 1B9

For
**HAMILTON WENTWORTH DISTRICT
SCHOOL BOARD**

Drawing Title
**PROPOSED PLAN LEVEL 2 -
LIGHTING LAYOUT (WASH ROOMS)**

Date	Project No	Drawing No
Drawn by SY	2025-510	E3.1
Scale 1 : 40		

PROPOSED DRAWING NOTES	
1	THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL LIGHTING FIXTURES AS SHOWN ON THE ELECTRICAL DRAWINGS.
2	RE-UTILIZE EXISTING LIGHTING CIRCUIT UNLESS NOTED OTHER WISE. ELECTRICAL CONTRACTOR TO VERIFY CAPACITY OF EXISTING LIGHTING CIRCUIT PRIOR TO INSTALLATION.
3	ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW TYPE D6 AND D8 LIGHTING FIXTURE AS SHOWN IN THE LAYOUT
4	THE ELECTRICAL CONTRACTOR TO IDENTIFY THE CIRCUIT FEEDING PANEL AND PROVIDE NEW LABELS FOR CIRCUIT .
5	THE ELECTRICAL CONTRACTOR SHALL PROTECT ALL EXISTING EQUIPMENT, DEVICES, AND CABLES DURING WORK.
6	THE ELECTRICAL CONTRACTOR SHALL ENSURE ALL WORK COMPLIES WITH THE ONTARIO ELECTRICAL SAFETY CODE AND OBTAIN NECESSARY INSPECTIONS AND APPROVALS.
7	THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL RELATED ELECTRICAL WORK. ENSURE ALL CONNECTIONS TO MECHANICAL EQUIPMENT ARE INSTALLED PER MANUFACTURER REQUIREMENTS.
8	ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW LIGHTING FIXTURE D1 AS SHOWN IN DRAWING
9	ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW EXIT SIGN (MAN RUN) AS PER OBC CODE .
10	ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL FROM SCHOOL BOARD WILL PROVIDE, AND INSTALL CABLE , SPEAKER AND CONNECT TO EXISTING SYSTEM .



No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

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Project Information
WATERDOWN HS RENOVATIONS

215 Parkside Dr, Waterdown, ON L8B 1B9

For
HAMILTON WENTWORTH DISTRICT
SCHOOL BOARD

Drawing Title
**PROPOSED PLAN LEVEL 1 -
LIGHTING LAYOUT (LEARNING
COMMONS)**

Date	Project No	Drawing No
Drawn by SY	2025-510	E3.2
Scale 1 : 70		

**PROPOSED-LEVEL 1-LEARNING COMMONS 1039 -
LIGHTING LAYOUT**

SCALE: 1 : 70

1
E3.2

Autodesk Docs/25019 - Waterdown Highschool Renovations/510-Waterdown HS Electrical Model_R24.rvt
2025-05-22 11:15:41 AM

PROPOSED DRAWING NOTES

- 1 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RECEPTACLES AS SHOWN LAYOUT NEAR STUDY DESK , COMPUTER STATION .
- 2 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RECEPTACLES NEAR TO THE PROJECTOR SCREEN IN NEW SEMINAR ROOM AS SHOWN IN LAYOUT WITH COMPLETE SUPPORT AND ACCESSORIES
- 3 ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND PULL STRING FOR DATA OUTLET FOR EACH STUDY AND COMPUTER TABLE , IN SEMINAR ROOM AS SHOWN IN LAYOUT
- 4 ELECTRICAL CONTRACTOR SHALL RE LOCATE AND INSTALL THE CLASS ROOM CONTROL MODULE IN CLASS ROOM 1031.
- 5 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL LOW PROFILE BACK BOXES IN CONFERENCE ROOM 1031 WALL AS SHOWN IN LAYOUT.
- 6 THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL RELATED ELECTRICAL WORK. ENSURE PROPER CONNECTIONS FOR ANY MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER.
- 7 ENSURE ALL WORK IS COMPLETED IN ACCORDANCE WITH THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND OTHER APPLICABLE REGULATIONS.
- 8 ELECTRICAL PANEL LP-A120 IN LIBRARY ROOM REMAIN SAME .
- 9 ELECTRICAL CONTRACTOR SHALL PROTECT AND COVER THE EXISTING FIRE ALARM FLASHER OTHER LIFE SAFETY DEVICE DURING CONSTRUCTION.
- 10 ELECTRICAL CONTRACTOR RELOCATE CLASS ROOM CONTROL MODULE . AS SHOWN IN THE LAYOUT.
- 11 EXISTING CLASS ROOM CONTROL PANEL WILL REMAIN SAME IN LOCATION NEAR RECEPTION DESK.
- 12 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL POWER AND ,ALL OTHER DEVICE REQUIRED FOR CLASS ROOM CONTROL MODULE.
- 13 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT AND PULL STRING FOR WALL MOUNTED AND CEILING SPEAKERS.
- 14 ALL PA RELEATED CABLING, TERMINATION AND COMMISSIONING WILL BE DONE BY CASH ALLOWANCE.
- 15 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT AND HDMI CABLE IN SEMINAR ROOM 1043 AND NEW CLASS ROOM 1031 FOR PROJECTOR SCREEN CONTRACTOR.
- 16 PROJECTOR WILL BE PROVIDED BY THE SCHOOL BOARD AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- 17 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL LEGRAND TWO COMPARTMENT POLE WIREMOLD TELE-POWER POLES MODEL AMTC-415, COLOR WILL SELECT BY ARCH.
- 18 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL 1" CONDUIT FOR DATA AND 1" CONDUIT FOR RECEPTACLES AND ONE CONDUIT SPARE CONDUIT, CONDUIT SHOULD BE PVC SCH 40 DIRECT BURIAL.

No.	Description	Date
1	ISSUED FOR TENDER	APR 22, 2026

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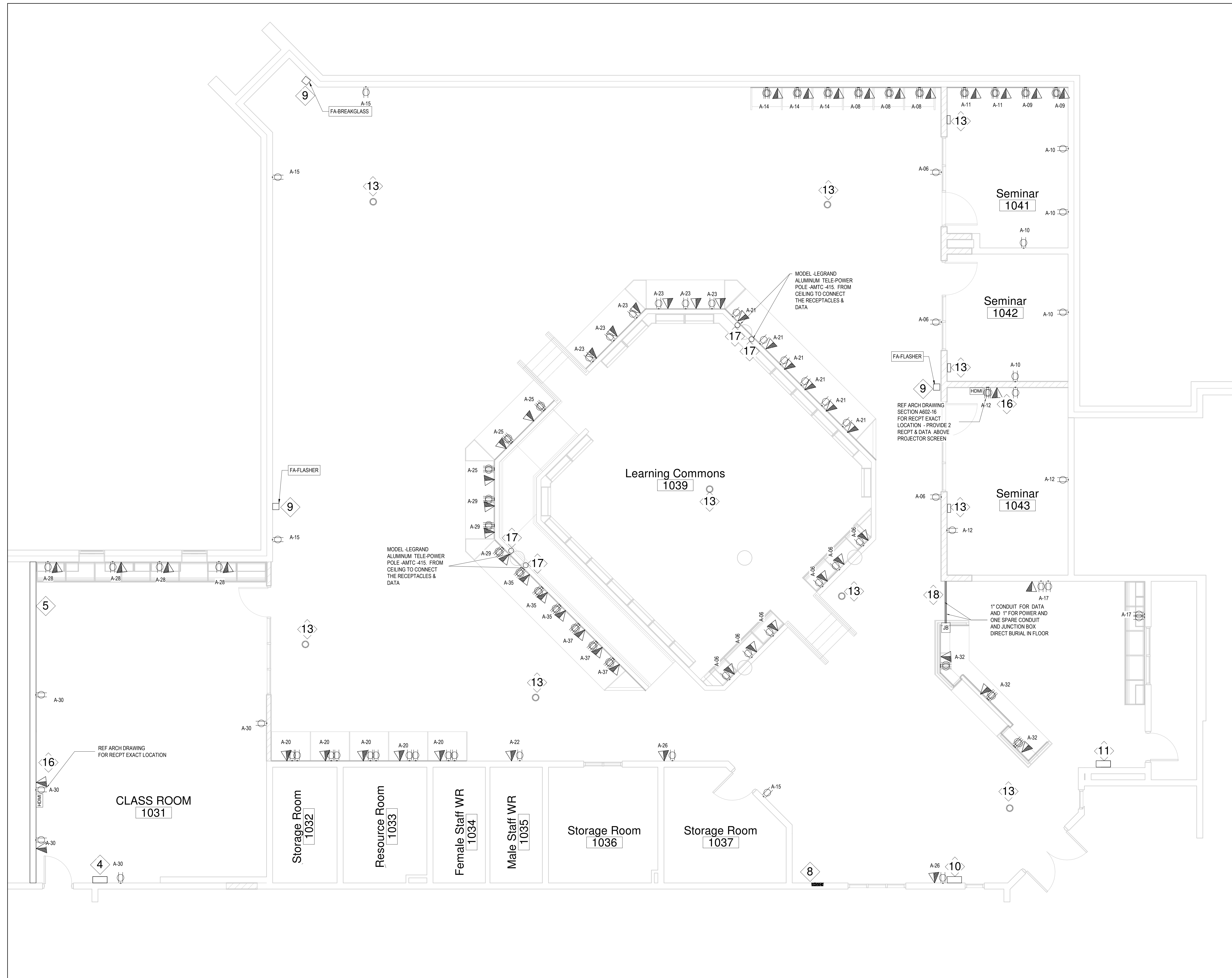
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Project Information
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For
HAMILTON WENTWORTH DISTRICT
SCHOOL BOARD

Drawing Title
PROPOSED LEVEL 1 - POWER LAYOUT (LEARNING COMMONS) - OPTION 2

Date	Project No	Drawing No
Drawn by SY	2025-510	E3.4
Scale 1 : 50		



PROPOSED-LEVEL 1-COMMON LEARNING - POWER LAYOUT

1
E3.4

SCALE: 1 : 50

Cosmetology Room
1090

Stair
K1

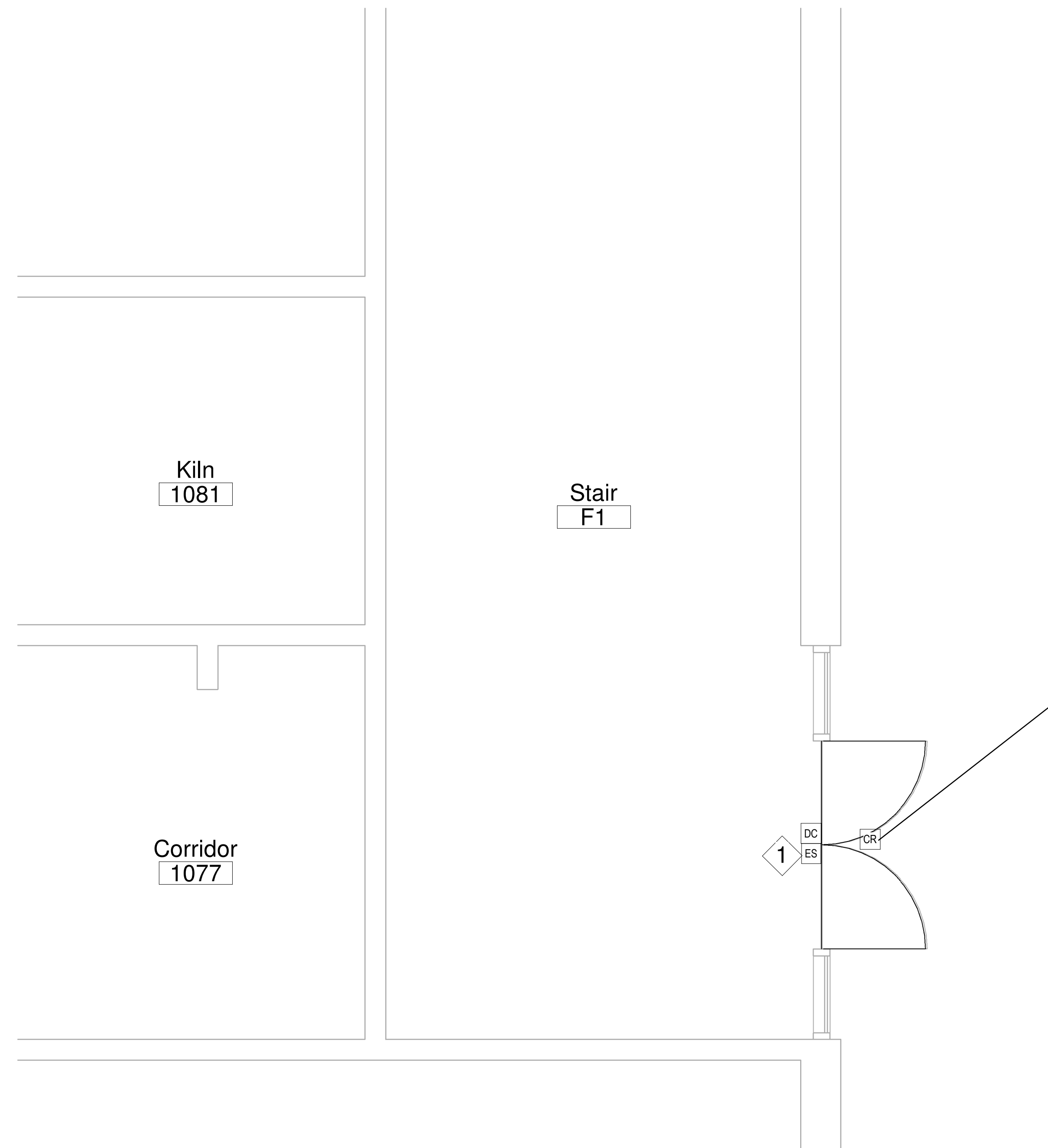
Gym
1093



PROPOSED DRAWING NOTES	
1	ALL CARD ACCESS AND SECURITY WORK WILL BE DONE THROUGH CASH ALLOWANCE. ELECTRICAL CONTRACTOR SHALL PROVIDE EMPTY CONDUITS WITH PULL STRINGS FOR ALL SECURITY DEVICES SHOWN ON THE ELECTRICAL DRAWINGS
2	THE ELECTRICAL CONTRACTOR SHALL PROTECT ALL EXISTING EQUIPMENT, DEVICES, AND CABLES DURING WORK.
3	THE ELECTRICAL CONTRACTOR SHALL ENSURE ALL WORK COMPLIES WITH THE ONTARIO ELECTRICAL SAFETY CODE AND OBTAIN NECESSARY INSPECTIONS AND APPROVALS.
4	THE ELECTRICAL CONTRACTOR SHOULD REFER TO ARCHITECTURAL DRAWING TO ENSURE EXACT LOCATION FOR THE DOOR.

PROPOSED PLAN LEVEL 1-STAIR K1 DOOR REPLACEMENT

1
E3.5 SCALE: 1 : 30



PROPOSED PLAN LEVEL 1-STAIR F1 DOOR REPLACEMENT

2
E3.5 SCALE: 1 : 30



Office
1004

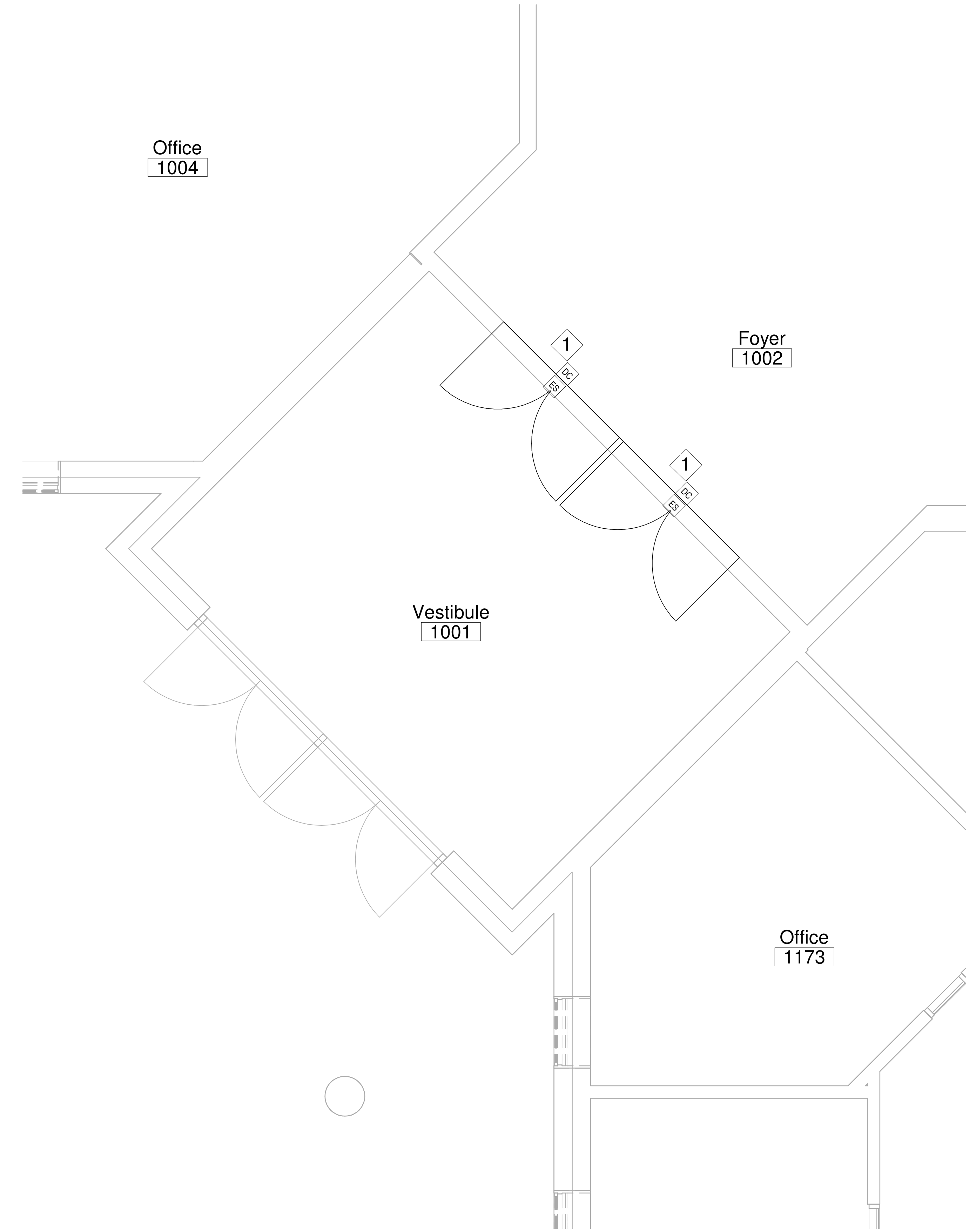
Foyer
1002

Vestibule
1001

Office
1173

PROPOSED PLAN LEVEL 1-VESTIBULE 1001 DOOR REPLACEMENT

3
E3.5 SCALE: 1 : 30



No.	Description	Date
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For
HAMILTON WENTWORTH DISTRICT
SCHOOL BOARD

Drawing Title
PROPOSED PLAN LEVEL 1 - DOOR REPLACEMENT

Date	Project No	Drawing No
Drawn by SY	2025-510	E3.5
Scale 1 : 30		

ELECTRICAL SPECIFICATION

SCOPE OF WORK

- 1. SUPPLY LABOUR, TOOLS, SERVICES, EQUIPMENT AND PROVIDE MATERIALS REQUIRED TO COMPLETE WORK IN ACCORDANCE WITH THIS SPECIFICATION AND DRAWINGS. COMPLY WITH LAWS, REGULATIONS AND CODES OF AUTHORITIES HAVING JURISDICTION. CONFORM TO REQUIREMENTS OF BIDDING DOCUMENTS AND DIVISION 1.

EXAMINATION OF SITE AND DOCUMENTS

- 1. PROVIDE TO SUBMITTING BID, CAREFULLY EXAMINE CONDITIONS AT SITE WHICH WILL OR MAY AFFECT WORK, DRAWINGS AND SPECIFICATION AND BECOME FAMILIAR WITH BUILDING CONSTRUCTION, FINISHES AND OTHER WORK ASSOCIATED WITH WORK IN ORDER THAT BID INCLUDES FOR EVERYTHING NECESSARY FOR COMPLETION OF WORK.

PERMITS, CERTIFICATES AND FEES

- 1. PAY FOR AND OBTAIN PERMITS TO COMPLETE WORK. WHEN WORK IS COMPLETE, SUPPLY AND TURN OVER INSPECTION CERTIFICATES FROM GOVERNING AUTHORITIES TO CONSULTANT. PAY FEES AND CHARGES LEVIED BY MUNICIPALITY AND OTHER GOVERNING AUTHORITIES FOR PERMITS, INSPECTIONS AND CERTIFICATES. KEEP COPY OF SUCH PERMITS AND CERTIFICATES, ETC. ON JOB SITE.

CO-ORDINATION AND CO-OPERATION

- 1. ELECTRICAL CONTRACTOR TO CO-ORDINATE HIS WORK WITH WORK OF ALL TRADES TO ENSURE A PROPER AND COMPLETE INSTALLATION. NOTIFY ALL TRADES CONCERNED OF REQUIREMENT FOR OPENINGS, SLEEVES, INSERTS AND OTHER HARDWARE NECESSARY IN THEIR WORK FOR INSTALLATION OF HIS WORK AND WHERE HIS WORK IS TO BE INTEGRATED WITH WORK OF OTHER TRADES OR IS TO BE INSTALLED IN CLOSE PROXIMITY WITH WORK OF OTHER TRADES. CAREFULLY CO-ORDINATE WORK PRIOR TO AND DRIVING INSTALLATION.
2. EXACT LOCATIONS AND ROUTING OF SERVICES MUST BE PROPERLY PLANNED CO-ORDIANATED AND ESTABLISHED WITH ALL AFFECTED TRADES PRIOR TO INSTALLATION SUCH THAT THEY WILL CLEAR EACH OTHER AS WILL AS ANY OBSTRUCTIONS. GENERALLY, PIPING REQUIRING UNIFORM PITCH SHALL BE GIVEN RIGHT OF WAY WITH OTHER SERVICE LOCATED AND ARRANGED TO SUIT.

NOISE CONTROL

- 1. WORK WHICH MAY CAUSE NOISE DISTURBANCES MUST BE SCHEDULED AT TIMES APPROVED BY CONSULTANT. CO-ORDINATE WORK WITH TPADES TO MINIMIZE NOISE DISTURBANCES.

CLEAN UP

- 1. DURING CONSTRUCTION, KEEP SITE REASONABLY CLEAR OF RUBBISH AND WASTE MATERIAL. RESULTING FROM WORK ON DAILY BASIS. AFTER COMPLETION OF WORK, REMOVE RUBBISH AND DEBRIS, ARRANGE AND PAY FOR REPAIR OF DAMAGES CAUSED AND LEAVE PREMISES AND WORK IN GOOD ORDER.

PROTECTION OF EQUIPMENT

- 1. PROPERLY PROTECT AND STORE ALL EQUIPMENT AND MATERIAL ON SITE FROM DAMAGE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFE STORAGE OF ALL EQUIPMENT AND GOODS TO BE RELOCATED AND SHALL REPAIR OR REPLACE DAMAGED EQUIPMENT AND GOODS AT DISCRETION OF OWNER.

INSPECTION OF WORK

- 1. CONSULTANT SHALL AT ALL TIMES HAVE ACCESS TO WORK AND SHALL BE NOTIFIED AT AGREED UPON TIMES OF STAGES OF WORK.
2. CONTRACTOR SHALL GIVE CONSULTANT TIMELY NOTICE OF DATE (WITHIN 48 HOURS AFTER PERFORMANCE) WHEN FOLLOW STAGES OF WORK HAVE BEEN PERFORMED:
WHEN 33% OF WORK HAS BEEN COMPLETED:
WHEN 66% OF WORK HAS BEEN COMPLETED:
WHEN 95% OF WORK HAS BEEN COMPLETED:
UPON SUBSTANTIAL PERFORMANCE OF WORK
3. WHERE STANDARDS OF WORK ARE SPECIFIED OR IMPLIED OR WORK DOES NOT COMPLY WITH PERFORMANCE SPECIFIED OR IMPLIED. SUCH DEFICIENCY SHALL BE CORRECTED AS DIRECTED BY CONSULTANT. ANY SUBSEQUENT TESTING TO VERIFY PERFORMANCE SHALL BE DOWN AT CONTRACTORS' EXPENSE. AND CHARGE FOR OWNER'S STAFF CONSULTANT OR OTHER PERSONNEL RELATED TO SUCH RE-TESTING SUCH ALSO BE AT EXPENSE OF CONTRACTOR.

PRODUCTS

- 1. PRODUCTS LISTED AND/OR SPECIFIED ON CONTRACT DOCUMENTS ARE SELECTED TO ESTABLISH DESIGN STANDARDS. IN MOST CASES, ACCEPTABLE MANUFACTURERS ARE LISTED. BASE YOUR BID PRICE ON BASE SPECIFIED PRODUCTS OR PRODUCTS SUPPLIED FROM ACCEPTABLE MANUFACTURERS. ENSURE PRODUCTS SUPPLIED FROM MANUFACTURERS OTHER THAN BASE SPECIFIED MANUFACTURERS ARE EQUIVALENT TO SPECIFIED PRODUCTS. PROPOSED SUBSTITUTIONS OF MANUFACTURERS OF PRODUCTS MAY BE PROPOSED TO CONSULTANT FOR ACCEPTANCE. LISTING IN EACH CASE CORRESPONDING CREDIT. CONSULTANT HAS SOLE DISCRETION IN ACCEPTING ANY PROPOSED SUBSTITUTION. INCLUDE IN BID PRICE ANY ADDITIONAL PRODUCTS SUPPLY BY MANUFACTURER OTHER THAN BASE SPECIFIED MANUFACTURER.

WARRANTY

- 1. WARRANT WORK TO BE IN STRICT ACCORDANCE WITH CONTRACT DOCUMENTS AND FREE FROM DEFECTS FOR 1 YEAR PERIOD FROM DATE OF WRITTEN ACCEPTANCE BY CONSULTANT. REFER AND/OR REPLACE ANY SUCH DEFECTS WHICH APPEAR IN WORK WITHIN WARRANTY PERIOD, ORDINARY WEAR AND EAR AND WILFUL DAMAGE BY, OR CARELESSNESS OF OWNER'S STAFF OR AGENTS EXCEPTED, WITHOUT ADDITIONAL COSTS INCURRED IN MAKING DEFECTIVE WORK GOOD, INCLUDES REPAIR OR REPLACEMENT OF BUILDING FINISHES, OTHER MATERIALS OR DAMAGE TO OTHER EQUIPMENT CAUSED BY SUCH DEFECTS, OR BY SUBSEQUENT REPLACEMENT OR REPAIRS.

INTERRUPTIONS TO AND SHUTDOWNS OF EXISTING SERVICES AND SYSTEMS

- 1. CO-ORDINATE AND PERFORM SHUTDOWNS AND INTERRUPTIONS TO EXISTING SYSTEMS AND SERVICES AT TIMES ACCEPTABLE TO OWNER. OBTAIN WRITTEN APPROVAL IN ADVANCE OF SHUTDOWN OR INTERRUPTION. INCLUDE FOR COSTS OF PREMIUM TIME TO PERFORM WORK DURING NIGHTS, WEEKENDS OR OTHER TIME OUTSIDE OF NORMAL WORKING HOURS, AS NECESSARY TO MAINTAIN SERVICES IN OPERATION OR WITH MINIMUM INTERRUPTIONS AND TO INTERRUPTION WILL BE CARRIED OUT AS CONTINUOUS OPERATION TO MINIMIZE SHUTDOWN TIME AND TO REINSTATE SYSTEMS AS SOON AS POSSIBLE AND PRIOR TO SHUTDOWN, ENSURE MATERIALS AND LABOUR REQUIRED TO COMPLETE WORK FOR WHICH SHUTDOWN IS REQUIRED ARE AVAILABLE AT SITE.

CUTTING, PATCHING AND CORE DRILLING

- 1. DO CUTTING, PATCHING AND CORE DRILLING OF EXISTING BUILDING REQUIRED FOR INSTALL OF WORK. PERFORM CUTTING TO NEAT AND TRUE FASHION, WITH PROPER TOOLS AND EQUIPMENT TO OWNER'S APPROVAL.
2. IN FIRE RATED CONSTRUCTION PACK AND SEAL VOID BETWEEN OPENING AND CONDUIT FOR LENGTH OF OPENING WITH ASBESTOS-FREE ELASTOMERIC ULC LISTED AND LABELED MATERIALS. INSTALL FIRE-STOP AND SMOKE SEAL MATERIALS IN ACCORDANCE TO ULC CERTIFICATION AND MANUFACTURER'S REQUIREMENTS TO PROVIDE FIRE-STOP RATINGS OF OPENINGS IN ACCORDANCE WITH GOVERNING BUILDING CODE REQUIREMENTS.
3. DO NOT CUT OR DRILL EXISTING WORK WITHOUT PRIOR OWNER'S APPROVAL. IN CONSULTATION WITH OWNER AND BY USE OF X-RAY WITH OWNER'S APPROVAL, DETERMINE PRESENCE OF EXISTING SERVICES AND PERFORMING ROD CONCEALED BEHIND SURFACE TO BE CUT. NOTE: ELECTRICAL CONTRACTOR WILL BE HELD RESPONSIBLE FOR DAMAGE DONE TO EXISTING BUILDING AND SERVICES CAUSED BY CUTTING OR DRILLING.

DISCONNECTION, REMOVAL AND RELOCATION

- 1. WHERE INDICATED ON DRAWINGS AND DETERMINED BY SITE VISIT, DISCONNECT AND REMOVE ITEMS OF EXISTING OBSOLETE ELECTRICAL WORK AND RELOCATE DEVICES, WHERE FIXTURES, SWITCHES, RECEPTACLES AND OTHER DEVICES AND/OR EQUIPMENT IS REMOVED, DISCONNECT AT POINT OF ELECTRICAL SUPPLY, REMOVE OBSOLETE WRING AND MAKE SYSTEM SAFE. WHERE EXISTING OBSOLETE CONDUIT AND SIMILAR RACEWAY MATERIAL CANNOT BE REMOVE, CUT BACK AND CAP OBSOLETE CONDUITS OR RACEWAYS. REVISE PANELBOARD DIRECTORIES ACCORDINGLY,

IF AFFECTED BY WORK.

- 2. UNLESS OTHERWISE NOTED, OBSOLETE MATERIALS WHICH ARE DISCONNECTED AND ARE NOT TO BE RELOCATED OR REUSED WILL BECOME THE PROPERTY OF THE ELECTRICAL CONTRACTOR, REMOVE FROM SITE AND DISPOSE. OBTAIN FROM OWNER, LIST OF EXISTING ITEMS TO BE CAREFULLY REMOVED AND TURNED OVER TO OWNER. SAID ITEMS WILL REMAIN PROPERTY OF OWNER.
3. PROVIDE JUNCTION BOXES, OUTLET BOXES, WIRING, PLATES, ETC., AS NECESSARY FOR COMPLETE RELOCATION OF DEVICES. CLEAN AND RE-LAMP RELOCATED LUMINARIES. REPLACE FAULTY BALLASTS. WHEN RELOCATION WORK IS COMPLETE, CONFIRM RELOCATED DEVICES ARE IN PROPER ORDER.
4. WHERE EXISTING SERVICES PASS THROUGH OR ARE IN AN AREA TO SERVE ITEMS WHICH ARE TO REMAIN, MAINTAIN SERVICES. INCLUDE FOR RE-ROUTING EXISTING SERVICES CONCEALED BEHIND FINISHES AND WHICH BECOME EXPOSED DURING RENOVATION WORK, SO AS TO BE CONCEALED BEHIND FINISHES.
5. IN AREAS WHICH ARE NOT BEING RENOVATED AND WHICH DIVISION 16 MUST RUN SERVICES THROUGH, BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ARCHITECTURAL CEILINGS, MECHANICAL EQUIPMENT, SPRINKLERS, ETC., AS REQUIRED FOR INSTALLING OF ELECTRICAL CONTRACTOR'S WORK. PATCH AND MAKE GOOD (INCLUDING PAINTING) SURFACES TO MATCH EXITING.

HAZARDOUS MATERIALS

- 1. AT ANY TIME DURING COURSE OF WORK ASBESTOS MATERIALS ARE ENCOUNTERED OR SUSPECTED, CEASE WORK IN AREA IN QUESTION AND IMMEDIATELY REPORT IN ACCORDANCE WITH ONTARIO REGULATION 654/85 (SECTION 7) TO CONSULTANT. DO NOT RESUME WORK IN AFFECTED AREA WITHOUT APPROVAL FROM CONSULTANT.

RECORD DRAWINGS (AS-BUILTS)

- 1. DRAWINGS FOR THIS PROJECT HAVE BEEN PREPARED ON A CAD SYSTEM. THE SOFTWARE USED IS AUTOCAD RELEASE 2014. COPIES OF DRAWINGS ON DISKS FOR USE IN PREPARING AS-BUILTS, MAY BE PURCHASED FROM CONSULTANT AT A COST OF \$40 CAD. PLUS GST PER DRAWING.
2. WHEN WORK BEGINS AT SITE, CLEARLY AND ACCURATELY MARK ON A BOUND SET OF WHITE PRINTS OF CONTRACT DRAWINGS ON A DAILY BASIS ALL CHANGES AND DEVIATION FROM ROUTING OF AND LOCATIONS OF EQUIPMENT SHOWN ON CONTRACT DRAWINGS CHANGE AND DEVIATION INCLUDING THOSE MADE BY ADDENDA, CHANGE ORDERS AND SITE INSTRUCTION, AND CHANGES AND DEVIATIONS INDICATED ON SUPPLEMENTAL DRAWINGS ISSUED WITH ADDENDA, CHANGE ORDERS AND SITE INSTRUCTIONS. MAINTAIN "AS-BUILT" WITH PRINTS AT SITE FOR PERIODIC INSPECTION BY CONSULTANT THROUGHOUT DURATION OF WORK. PAY PARTICULAR ATTENTION TO ACCURATELY DIMENSIONING LOCATION OF ALL CONCEALED SERVICES TERMINATED FOR FUTURE EXTENSION, ALL BURIED WORK AND SERVICES AND WORK CONCEALED WITHIN BUILDING IN INACCESSIBLE LOCATIONS.
3. WHEN WORK ENDS AT SITE, UPDATE A COPY OF CONTRACT DOCUMENT DRAWING DISC SET SO THAT IT REFLECTS ALL DEVIATIONS FROM ORIGINAL CONTRACT DOCUMENT DRAWINGS, THUS FORMING A TRUE "AS-BUILT" DRAWING DISC SET. PROVIDE A SET OF REPRODUCIBLE MYLAR PRINTS OF CONTRACT DRAWINGS PRODUCED FROM TRUE "AS-BUILT" MYLAR PRINTS TO CONSULTANT. ALL SUBMITTED DRAWINGS SHALL BE OF THE SAME QUALITY AS ORIGINAL CONTRACT DOCUMENT DRAWINGS.
4. UPDATE OWNER'S DISTRIBUTION RISER DIAGRAMS POSTED IN ELECTRICAL ROOM.

GENERAL CONDUIT AND CONDUCTOR INSTALLATION REQUIREMENTS

- 1. INSTALL CONDUIT AND CONDUCTORS CONCEALED TO DEGREE MADE POSSIBLE BY FINISHES AND PROVED INSTALLATIONS IN ACCORDANCE WITH ELECTRICAL SAFETY CODE AND LOCAL GOVERNING AUTHORITIES. PLAN AND CO-ORDINATE LOCATIONS AND ROUTING OF SERVICES WITH TRADES PRIOR TO INSTALLATION. IN AREAS WHERE A MULTIPLICITY OF SERVICES OCCURS, PREPARE DETAIL DRAWINGS AND SUBMIT TO CONSULTANT FOR REVIEW PRIOR TO START OF AFFECTED WORK.
2. WHERE CONDUIT AND/OR CONDUCTORS ARE EXPOSED, ARRANGE SAME TO AVOID INTERFERENCE WITH OTHER WORK AND PARALLEL TO BUILDING LINES. WHERE HORIZONTAL CONDUITS AND/OR CONDUCTORS ARE EXPOSED, INSTALL AS HIGH AS POSSIBLE. DO NOT INSTALL CONDUIT AND/OR CONDUCTORS WITHIN 6" (150MM) OF "HOT" PIPES OR EQUIPMENT UNLESS CONDUIT AND/OR CONDUCTORS ARE ASSOCIATED WITH EQUIPMENT. INDEPENDENTLY RUN CONDUIT AND CONDUCTORS MUST BE SUPPORTED FROM THE CEILING OR WALL STRUCTURE, NOT FROM CEILING HANGERS, DUCTWORK, PIPING, CABLE TRAYS ETC.
3. IDENTIFY CONDUIT RUNS (IE. TAG BOTH ENDS OF CONDUIT RUNS)

CONDUITS

- 1. I PROVIDE CONDUIT FOR CONDUCTORS. CONDUIT TO BE EMT (THIN WALL) GALVANIZED, ELECTRICAL METALLIC TUBING TO CSA C222 NO. 83, COMPLETE WITH FACTORY MADE BENDS WHERE SITE BENDING IS NOT POSSIBLE AND JOINTS AND TERMINATIONS MADE WITH SET SCREW TYPE CONNECTORS, FOR SHORT BRANCH CIRCUIT CONNECTORS TO MOTORIZED EQUIPMENT AND TRANSFORMERS (MINIMUM LENGTH 18" (450MM), MAXIMUM LENGTH 24" (600MM) WITH 180 DEGREE LOOP WERE POSSIBLE.) GALVANIZED STEEL FLEXIBLE FLUID - TIGHT METALLIC CONDUIT TO CSA C222 NOT 56, COMPLETE WITH IDEAL 'STEEL TOUGH' LIQUID TIGHT FLEXIBLE CONDUIT CONNECTORS AT TERMINATIONS. FOR CONDUIT GREATER THAN 2" (120MM), PROVIDE RIGID GALVANIZED STEEL TO CSA C222 NO. 45 COMPLETE WITH FITTINGS, CONNECTORS AND RIGID COUPLINGS.)
2. SUPPORT AND SECURE CONDUIT AT SPACING IN ACCORDANCE WITH CODE REQUIREMENTS BY MEANS OF GALVANIZED PIPE STRAPS, CONDUIT CLIPS, RING BOLT TYPE HANGERS OR BY OTHER PROPER MANUFACTURER DEVICES. PROVIDE CONDUIT FITTINGS CONSTRUCTED OF SAME MATERIALS AS CONDUIT AND SUITABLE FOR APPLICATION. SQUARE AND PROPERLY REAM ENDS OF SITE CUT CONDUIT. GENERALLY CONDUIT IS SIZED ON DRAWINGS. SIZE CONDUIT NOT SIZED ON DRAWING IN ACCORDANCE WITH CODE. BEND CONDUIT AT FULL CONDUIT DIAMETER WITH NO KINKS AND N OBLAKING R CRACKING OF FINISHES.

CONDUCTORS

- 1. ALL CONDUCTORS SHALL BE COPPER UNLESS INDICATED OTHERWISE.
2. CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #8 AND LARGER SHALL BE STRANDED.
3. CONDUCTORS SHALL BE SIZED #12 AWG MINIMUM, EXCEPT FOR CONTROL CIRCUITS WHERE #14 AWG MINIMUM SIZE IS PERMITTED. FEEDER SIZES AS INDICATED.
4. SIZE CONDUCTORS FOR A 2% MAXIMUM VOLTAGE DROP FROM OVERCURRENT DEVICE TO FARTHEST OUTLET.
5. CONDUCTOR INSULATION RATED FOR 600V MINIMUM UNLESS STATED OTHERWISE.
6. CONDUCTOR TYPES:
6.1 TW75, TWJ TO C.S.A. #C22.2 NO. 75
6.2 RW90, RWU90 (XLPE) TO C.S.A. #C22.2 NO. 38
6.3 TW75, RW90 (XLPE) - INSIDE BUILDING.
6.4 TWJ, RWU90 (XLPE) - CONDUCTORS DIRECT BURIED OR IN CONDUIT OUTSIDE BUILDING.
6.5 BX (ARMoured CABLE) IS ONLY PERMITTED FOR LIGHT FIXTURE DROPS IN ACCOUSTIC CEILINGS (MAX LENGTH 5'-0")

OUTLET BOXES, PULL BOXES AND JUNCTION BOXES

- 1. PROVIDE CSA APPROVED STAMPED GALVANIZED STEEL OUTLET BOX FOR EACH LUMINARIES, FIRE ALARM DEVICE, ETC. REFER TO DRAWINGS FOR LOCATIONS OF OUTLETS. CONFIRM EXACT LOCATIONS PRIOR TO ROUGH-IN.
2. PROVIDE PULL BOXES AND JUNCTION BOXES WHERE NECESSARY TO FACILITATE CONDUCTOR & CONDUIT INSTALLATIONS. GENERALLY, PROVIDE CONDUIT RUNS EXCEEDING 100' (30M) IN LENGTH OR WITH MORE THAN 3, 90 DEGREE BENDS WITH PULL BOX INSTALLED AT CONVENIENT AND SUITABLE INTERMEDIATE ACCESSIBLE LOCATION. PROVIDE JUNCTION BOXES AND PULL BOXES SIZED IN ACCORDANCE WITH CODE TO SUIT NUMBER AND SIZE OF CONDUITS AND CONDUCTORS. BOXES TO BE GALVANIZED OR PRIME COATED PLATED STEEL COMPLETE WITH SCREW-ONN OR HINGED COVERS AND KNOCKOUTS. BOXES MUST BE ACCESSIBLE AFTER WORK IS COMPLETE.
3. SIZE, ARRANGEMENT AND TYPE OF BOXES MUST BE SUITABLE FOR APPLICATION. PROVIDE BLANK COVER PLATES ON EXISTING OBSOLETE BOXES WHICH ARE TO REMAIN. CLEARLY IDENTIFY MAIN PULL OR JUNCTION BOXES BY SPRAY PAINTING COVERS IN ACCORDANCE WITH FOLLOWING COLOUR SCHEDULE:
3.1 LIGHTING - YELLOW
3.2 NORMAL POWER - BLUE
3.3 ESSENTIAL POWER - ORANGE
3.4 FIRE ALARM - RED
4. WHERE REQUIRED, SUPPLY ACCESS DOORS OF MINIMUM NO. 23 GAUGE, PRIME COATED STEEL COMPLETE WITH HINGES AND FRAMES TO GIVE ACCESS TO BOXES AND CONDUCTOR JOINTS AND OTHER SIMILAR ELECTRICAL WORK WHICH MAY NEED MAINTENANCE OR REPAIR, BUT WHICH IS CONCEALED IN IN ACCESSIBLE CONSTRUCTION. CONFIRM FINISHES WITH OWNER.

FASTENING AND SECURING HARDWARE

- 1. PROVIDE PROPER FASTENERS AND SIMILAR HARDWARE REQUIRED FOR CONDUIT CONDUCTORS AND FOR EQUIPMENT HANGER AND/OR SUPPORT MATERIAL UNLESS OTHERWISE NOTED. EXPLOSIVE POWER ACTUATED FASTENERS WILL NOT BE PERMITTED UNLESS SPECIFIC WRITTEN APPROVAL FOR US AND TYPE HAS BEEN OBTAINED FROM CONSULTANT. UNDER NO CIRCUMSTANCES US CEILING SUSPENSION HANGERS OR GRIDS FOR SUSPENSION OF CONDUIT AND CONDUCTORS.

ACCEPTABLE MANUFACTURERS:(INDOOR LIGHTING FIXTURES)

- 1 VISIONEERING
2 PHILIPS LIGHTING
3 GE
4 PEERLESS-ELECTRIC
5 COLUMBIA

A PHOTOMETRIC CALCULATION NEEDS TO BE SUBMITTED BY THE CONTRACTORS FOR BOARD REVIEW. THE BOARD SUGGESTED LIGHTING LEVELS ARE AS BELOW:

Table with 2 columns: Location and Lighting Level. Locations include Classrooms, Admin/Office, Corridors, Library, Seminar, Teacher Work Rooms, Custodian Office, Gym, Change Rooms, Washrooms, Mechanical, Heat Pump Rooms, Utility & Storage Rms., Lobby. Levels range from 35-40 FT. Candles to 25-30 FT. Candles.

LIGHTING MANUFACTURER TO PROVIDE A SEPARATE SYSTEM WARRANTY LETTER ADDITION TO DPCDS AND DELIVER SEPARATELY AS PART OF CLOSE OUT DOCUMENT.

SPARE PARTS FOR LED LIGHTING FIXTURES:

LED LIGHTING MANUFACTURER SHALL SUPPLY 10 ADDITIONAL LED DRIVERS FOR EACH TYPE OF NEW LED LIGHTING FIXTURES INSTALLED AT THE SCHOOL.

IDENTIFICATION NAMEPLATES

- 1. FOR EACH PIECE OF ELECTRICAL DISTRIBUTION EQUIPMENT FROM ELECTRICAL SOURCE OF SUPPLY UP TO AND INCLUDING PLANLOADS, PROVIDE ENGRAVED LAMACOID IDENTIFICATION NAMEPLATES SECURED TO APPARATUS WITH.

ELECTRICAL CONNECTIONS FOR MECHANICALS, OWNER'S ETC., EQUIPMENT

- 1. PROVIDE REQUIRED ELECTRICAL CONNECTIONS TO APPARATUS SUPPLIED BY DIVISION 15, OWNER AND AS PART OF OTHER DIVISIONS. DO REQUIRED ELECTRICAL WORK FOR EQUIPMENT SCHEDULED ON DRAWINGS. DIVISION 15 WILL SUPPLY STARTERS FOR MOTORIZED APPARATUS SUPPLIED BY THEM AND WILL PROVIDE LAMACOID IDENTIFICATION THROUGHOUT.
2. BE RESPONSIBLE FOR:
2.1 COMPLETE INSTALLATION AND CONNECTION OF STARTERS AND PROVIDE 'LINE' AND 'LOAD' POWER CONNECTIONS AND INTERLOCKING AS REQUIRED.
2.2 PROVIDE MOTOR STARTER PANELS CONSISTING OF NO. 14 GAUGE STEEL BOLTED PANELS SIZED TO ACCOMMODATE STARTERS AS REQUIRED AND SUITABLE SPLITTER.
2.3 UNLESS OTHERWISE NOTED OR SHOWN ON DRAWINGS, MOUNT 1-PHASE STARTERS ADJACENT TO EQUIPMENT THEY SERVE AND CONNECT COMPLETE.
2.4 CO-ORDINATE FEEDER ENTRIES TO STARTERS AND STARTER ASSEMBLIES WITH DIVISION 15.
2.5 PROVIDE ADDITIONAL DISCONNECT SWITCHES (COMPLETE WITH IDENTIFICATION DETAILED ON DRAWINGS, REQUIRED BY CODE, OR FOR APPARATUS WHICH CANNOT BE SEEN FROM ITS STARTER OR IS IN EXCESS OF 30' (9M) FROM IT STARTER).
2.6 DO INTERLOCK WIRING INDICATED ON DRAWINGS AND /OR SCHEDULES.
2.7 CONNECT REQUIRED CIRCUITS TO MOTOR STARTER PANEL SO AS TO BALANCE ACTUAL LOADS (WATTAGE).

GENERAL ELECTICAL WORK TESTING

- 1. IN ADDITION TO TESTS REQUIRED BY GOVERNING AUTHORITIES AND REGULATIONS, TEST WORK TO ENSURE THERE ARE NO LEAKS, GROUNDS OR CROSSES. ENSURE DEVICES ARE COMMISSIONED AND OPERABLE. COONECT CIRCUITS TO PANEL BOARDS SO AS TO BALANCE ACTUAL LOADS (WATTAGE) WITHIN 5%. IF REQUIRED TRANSPOSE CIRCUITS WHEN WORK IS COMPLETE TO MEET THIS REQUIREMENT.

CODES AND STANDARDS:

- 1. DO COMPLETE INSTALLATION IN ACCORDANCE WITH C.S.A C22.1 EXCEPT WHERE SPECIFIED OTHERWISE.
1.2 COMPLY WITH C.S.A. ELECTRICAL BULLETINS IN FORCE AT TIME OF TENDER SUBMISSION, WHILE NOT IDENTIFIED AND SPECIFIED BY NUMBER IN THIS DIVISION, ARE TO BE CONSIDERED AS FORMING PART OF RELATED C.S.A. PART II STANDARD.
1.3 DO OVERHEAD AND UNDERGROUND SYSTEMS IN ACCORDANCE WITH C.S.A. C22.3 NO. 1 EXCEPT WHERE SPECIFIED OTHERWISE.
1.4 ABBREVIATIONS FOR ELECTRICAL TERMS: TO C.S.A. Z85.
1.5 COMPLY ALSO WITH THE FOLLOWING CODES:
1. ONTARIO ELECTRICAL SAFETY CODE
2. NATIONAL BUILDING CODE
4. ONTARIO BUILDING CODE

Table with 3 columns: No., Description, Date. Row 1: 1 ISSUED FOR TENDER APR 22, 2026

Orientation and Seal fields.

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Project Information: WATERDOWN HS RENOVATIONS. For: HAMILTON WENTWORTH DISTRICT SCHOOL BOARD. Drawing Title: ELECTRICAL SPECIFICATION

Table with 3 columns: Date, Project No, Drawing No. Date: Sy, Project No: 2025-510, Drawing No: E4.0

LEGEND - PLUMBING	
ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.	
REFER	DESCRIPTION
—E—	EXISTING PIPING
—D—	DOMESTIC COLD WATER PIPING
—H—	DOMESTIC HOT WATER PIPING
—R—	DOMESTIC HOT WATER RECIRC. PIPING
—V—	VENT PIPING
—S—	SANITARY PIPING ABOVE FLOOR
—B—	SANITARY PIPING BELOW GRADE OR FLOOR
—S—	STORM PIPING ABOVE FLOOR
—S—	STORM PIPING BELOW GRADE OR FLOOR
—NP—	NON-PORTABLE WATER PIPING
—T—	TEMPERED WATER PIPING
—GAS—	GAS PIPING
	PIPING TO BE REMOVED
	HEAT TRACED PIPING
—E—	CONNECTION OF NEW AND EXISTING PIPING
—	CAPPED PIPE
FD	FLOOR DRAIN
FFD	FUNNEL FLOOR DRAIN
HD	HUB DRAIN
RD	ROOF DRAIN
RD	ROOF DRAIN ABOVE
CD	CANOPY DRAIN
CO	CLEANOUT IN FLOOR
CO	CLEANOUT IN LINE OR STACK
M	WATER METER
M	GAS METER
NFWH	NON-FREEZE WALL HYDRANT c/w VACUUM BREAKER
HB	HOSE BIBB c/w VACUUM BREAKER
—	ISOLATION VALVE
—	CIRCUIT BALANCING VALVE
—	CHECK VALVE
—	CHECK VALVE c/w BALL DRIP VALVE
—	STRAINER
—	GAS VALVE
R/R	REDUCED PRESSURE BACKFLOW PREVENTER
—	VACUUM BREAKER - PRESSURE TYPE
—	PRESSURE REDUCING VALVE (WATER)
—	3-WAY VALVE
—	TEMPERATURE & PRESSURE RELIEF VALVE
—	CONNECT TO EXISTING
—	UNION
PG	PRESSURE GAUGE
T	THERMOMETER
CB	CATCH BASIN
ESV	ELECTRICALLY SUPERVISED VALVE
DT	DRAIN/TEST VALVE
FS	FLOW SWITCH
—	PUMP
—	PIPE DOWN
—	PIPE UP
—	PIPE UP & DOWN
—	PIPE TEE
E	DENOTES EXISTING
—E—	EXISTING PIPING
—F—	STANDPIPE PIPING
—SP—	SPRINKLER PIPING
—	FIRE DEPARTMENT PUMPER CONNECTION
FEX	FIRE EXTINGUISHER - SURFACE MOUNTED
FEC	FIRE EXTINGUISHER - CABINET
SFEC	SECURE FIRE EXTINGUISHER CABINET
*	SPRINKLER HEAD - PENDENT
X	SPRINKLER HEAD - UPRIGHT
—	SPRINKLER HEAD - PENDENT c/w WIRE GUARD
—	SPRINKLER HEAD - UPRIGHT c/w WIRE GUARD
—	SPRINKLER HEAD - SIDEWALL

LEGEND - HVAC	
ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.	
REFER	DESCRIPTION
RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID
—	PIPING RISER UP
—	PIPING DROP
—	PIPING RISER UP & DOWN
T	THERMOSTAT
CV	CONTROL VALVE
—	3-WAY CONTROL VALVE
—	2-WAY CONTROL VALVE
—	PUMP
MD	MOTORIZED DAMPER
—	ISOLATION VALVE
—	CIRCUIT BALANCING VALVE
—	CHECK VALVE
REM	REMOVE
H	HUMIDITY SENSOR
MS	MOTION SENSOR
PC	PHOTOCELL SENSOR
NEW	NEW
S	TEMPERATURE SENSOR
P	PLATE TYPE TEMPERATURE SENSOR
RHC	REHEAT COIL
—	EXHUAUST FAN
F	FORCE FLOW HEATER
—	CONNECTOR

LEGEND - HVAC	
ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.	
REFER	DESCRIPTION
—E(NAME)—	EXISTING PIPING TO REMAIN
—	POSITIVE PRESSURE (SUPPLY) DUCT UP
—	POSITIVE PRESSURE (SUPPLY) DUCT UP
—	NEGATIVE PRESSURE (RETURN) DUCT UP
—	POSITIVE PRESSURE (SUPPLY) DUCT DOWN
—	POSITIVE PRESSURE (SUPPLY) DUCT DOWN
—	NEGATIVE PRESSURE (RETURN) DUCT DOWN
—	EXISTING DUCTWORK TO BE REMOVED
—	EXISTING DUCTWORK TO REMAIN
—	NEW DUCTWORK
—	SUPPLY AIR DIFFUSER (SQUARE)
—	SUPPLY AIR DIFFUSER (ROUND)
—	SIDEWALL GRILLE
—	RETURN/EXHAUST GRILLE
—	FULL RADIUS DUCT CONNECTION
—	TAP-IN DUCT CONNECTION
—	ROUND DUCT CONNECTION
—	TURNING VANES
FD	FIRE DAMPER
EXFD	EXISTING FIRE DAMPER
MD	MOTORIZED DAMPER
EXMD	EXISTING MOTORIZED DAMPER
AD	ACCESS DOOR
BD	BALANCING DAMPER
OBD	OPPOSED BLADE BALANCING DAMPER
OED	OPEN ENDED DUCT
T	THERMOSTAT
CAP	CAP

GENERAL NOTES

REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR COORDINATION OF GRILLES, DIFFUSERS AND OTHER ELEMENTS.

IN ALL INSTANCES THE NEED FOR ACCESS DOORS IN GWB CEILINGS SHOULD BE AVOIDED IF POSSIBLE. WHERE INSTALLATION OF COMPONENTS WHICH REQUIRE ACCESS CANNOT BE AVOIDED, SUBMIT (DIMENSIONED) LAYOUT ON ARCHITECTURAL REFLECTED CEILING PLANS TO CONSULTANTS FOR APPROVAL PRIOR TO INSTALLATION OF COMPONENT.

EXISTING ITEMS TO BE REMOVED REMAIN THE PROPERTY OF THE OWNER AND SHALL BE DELIVERED TO A LOCATION ON SITE DESIGNATED BY THE OWNER. IF THE OWNER DECLARES NO INTEREST IN THE REMOVED ITEMS, ASSUME OWNERSHIP AND REMOVE THE ITEMS FROM THE SITE.

REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATION FOR PHASING AND STAGING.

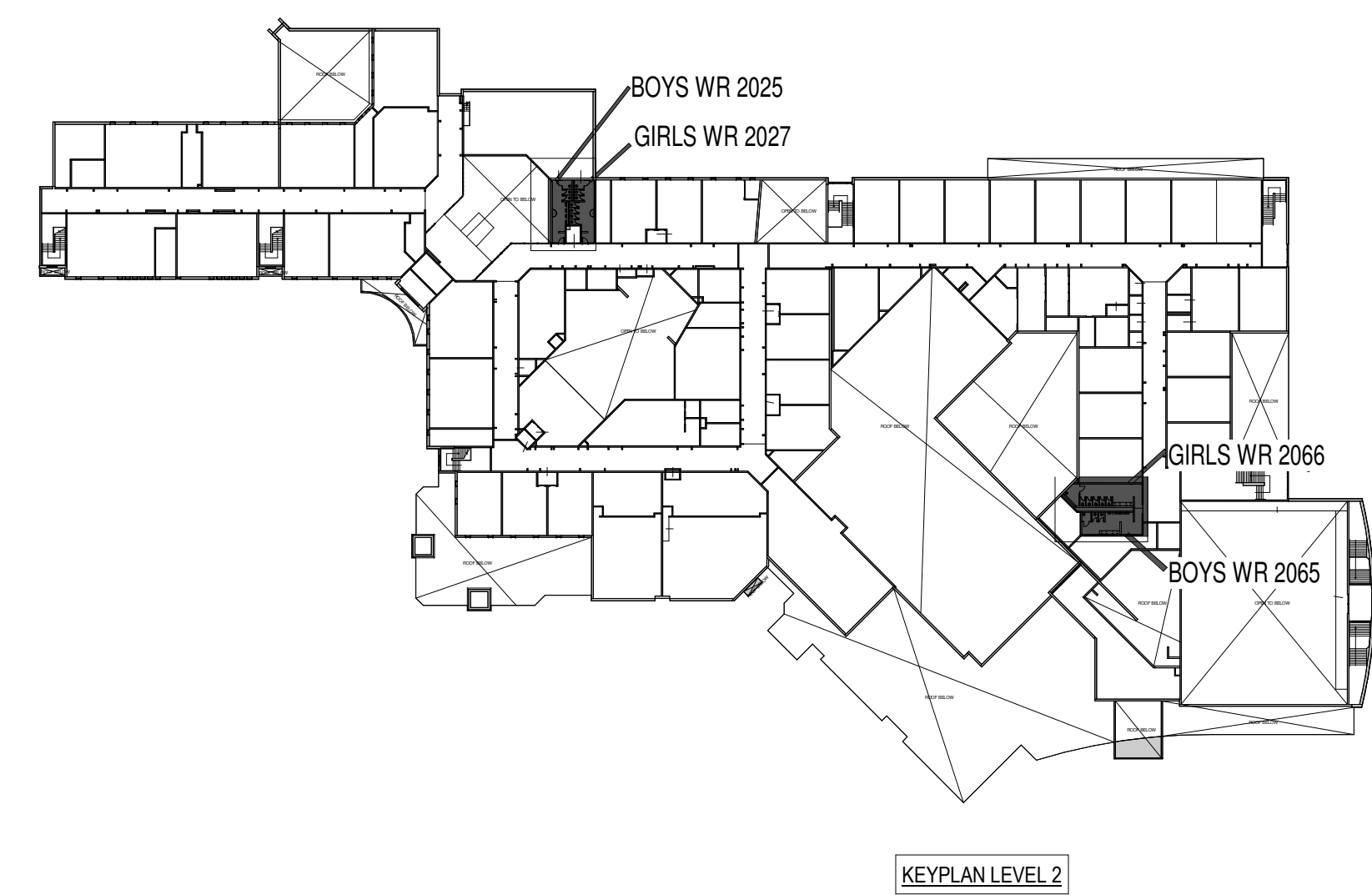
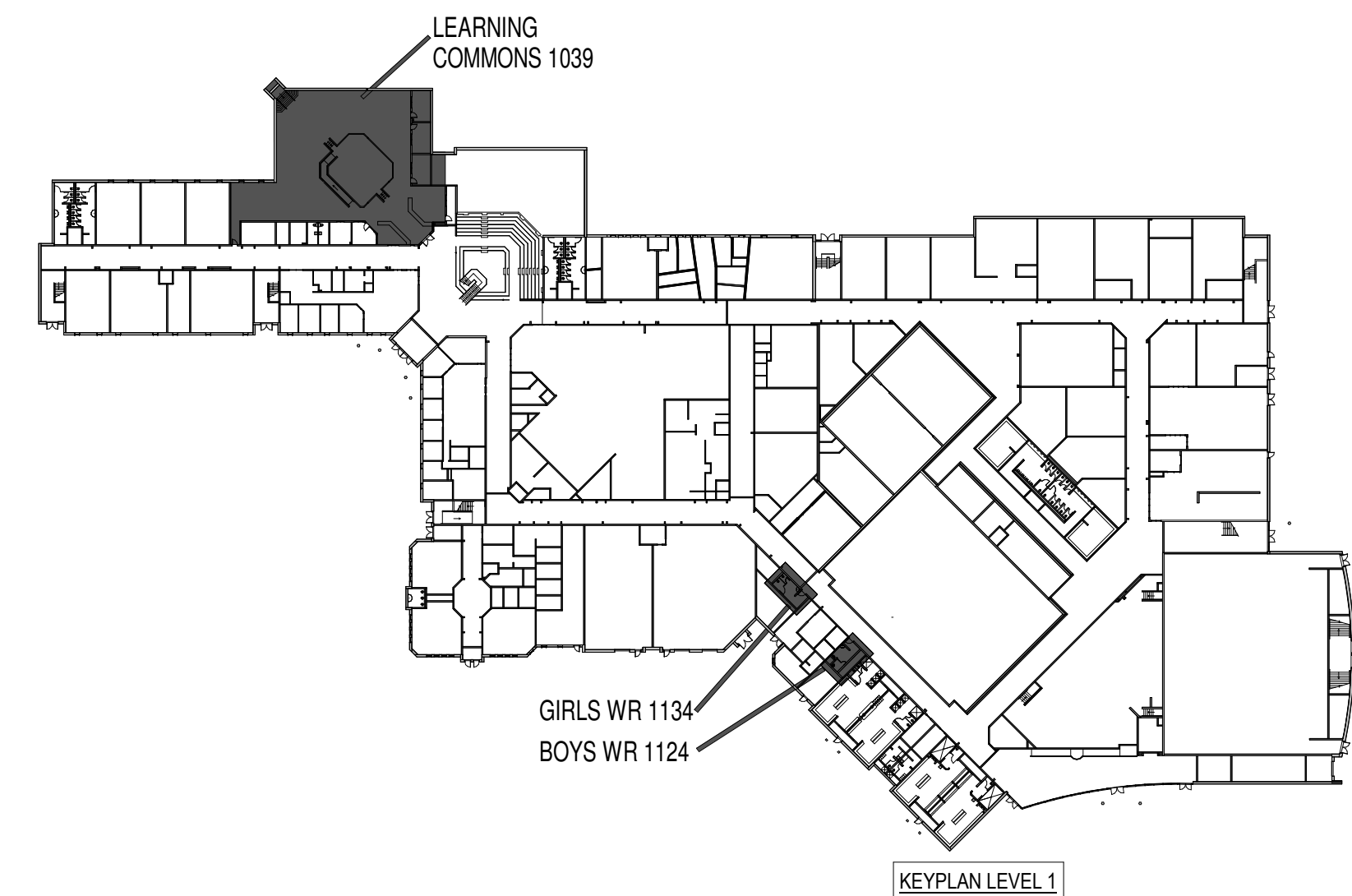
Drawing List	
Sheet Number	Sheet Name

M1.0	LEAD SHEET, NOTES AND MECHANICAL SCHEDULES
M2.0	DEMOLITION PLAN LEVEL 1-PART A
M2.2	DEMOLITION PLAN LEVEL 2
M3.0	PROPOSED PLAN LEVEL 1-PART A
M3.2	PROPOSED PLAN LEVEL 2
M2.1	DEMOLITION PLAN LEVEL 1-PART B
M3.1	PROPOSED PLAN LEVEL 1-PART B
M4.0	MECHANICAL SPECIFICATIONS-1
M4.1	MECHANICAL SPECIFICATIONS-2

PLUMBING FIXTURE CONNECTION SCHEDULE											
TAG	FIXTURE NAME	SANITARY		VENT		DOWS		TEMPERED		REMARKS	
		MM	INS	MM	INS	MM	INS	MM	INS		
W1	GENERAL USE FLUSH VALVE WATER CLOSET	100	4	38	1.5	40	1.50	-	-	-	
U1	GENERAL USE FLUSH VALVE URINAL	50	2	38	1.5	25	1.00	-	-	-	
WF-1	WASHFOUNTAIN	50	2	38	1.5	20	0.75	20	0.75	15	0.75
WF-2	WASHFOUNTAIN	50	2	38	1.5	20	0.75	20	0.75	15	0.75

PLUMBING NOTES

- CONTRACTOR IS TO VERIFY CONNECTION POINTS TO SERVICES WITH OTHER TRADES ON SITE.
- CONTRACTOR IS TO CLEAR DUCTWORK WHEN INSTALLING NEW PIPING. CLEARANCES TO BE VERIFIED ON SITE.
- PROVIDE A CLEANOUT AT THE BOTTOM OF EVERY SOIL AND WASTE STACK THAT CONNECTS TO A HORIZONTAL DRAINAGE PIPE.
- PROVIDE A CLEANOUT FROM EACH PLUMBING FIXTURE WHERE REQUIRED BY BUILDING CODE, PART 7 - PLUMBING.
- CHECK AND VERIFY LOCATION OF ALL PIPES, DUCTS AND EQUIPMENT WITH ALL OTHER TRADES TO PREVENT INTERFERENCE. REMOVAL OR RELOCATION OF ANY SUCH WORK INTERFERING WITH WORK OF OTHER TRADES IS THE RESPONSIBILITY OF THE MECHANICAL TRADE CONCERNED UNLESS OTHERWISE APPROVED IN WRITING.
- ALL PLUMBING FIXTURES INCLUDING FLOOR DRAINS (HUB, FUNNEL FLOOR DRAINS, TRENCH DRAINS) TO BE TRAPPED AND VENTED AS REQUIRED BY BUILDING CODE, PART 7 - PLUMBING.
- FOR MOUNTING HEIGHT OF ALL PLUMBING FIXTURES REFER TO ARCHITECTURAL DRAWINGS.
- PROVIDE ACCESS DOOR FOR ALL VALVES LOCATED ABOVE DRY WALL CEILING.
- PROVIDE ACCESS DOOR FOR ALL CLEANOUTS LOCATED ABOVE DRY WALL CEILING.
- IN ALL INSTANCES THE NEED FOR ACCESS DOOR IN GWB CEILINGS SHOULD BE AVOIDED IF POSSIBLE. WHERE INSTALLATION OF COMPONENTS WHICH REQUIRE ACCESS CANNOT BE AVOIDED, SUBMIT (DIMENSIONED) LAYOUT ON ARCHITECTURAL REFLECTED CEILING PLANS TO CONSULTANTS FOR APPROVAL PRIOR TO INSTALLATION OF COMPONENT.
- ALL DISTURBED SERVICES AFTER PIPE REMOVAL OR REROUTING TO BE FILLED-IN WITH APPROPRIATE MATERIAL TO MAINTAIN FIRE SEPARATION AND PATCHED TO MATCH EXISTING OR NEW FINISHES.
- CONTRACTOR IS TO REMOVE ALL OBSOLETE PIPING WHEREVER POSSIBLE.
- CONTRACTOR IS TO ENSURE THAT ALL EXISTING PIPING SERVING EXISTING AREAS REMAIN IN SERVICE UNTIL THESE AREAS ARE RECONNECTED TO NEW SERVICES.
- ONLY THEN OBSOLETE PIPING IS TO BE REMOVED AS SHOWN.
- BEFORE CUTTING ANY HOLES THROUGH THE EXISTING SLAB REFER TO EXISTING STRUCTURAL DRAWINGS FOR GENERAL REQUIREMENTS.
- AFTER PIPE REMOVAL ALL EXISTING OPENINGS IN FIRE SEPARATION ARE TO BE FILLED-IN TO MAINTAIN INTEGRITY OF THAT FIRE SEPARATION.
- RECONNECT VENTS FROM EXISTING EQUIPMENT AND PLUMBING FIXTURES WHICH ARE TO REMAIN TO NEW VENTS AS REQUIRED.
- PROVIDE SIGN IDENTIFYING LOCATION OF ALL VALVES INSTALLED IN CEILING SPACE.
- ALL WATER, SANITARY, SEWER AND VENT COPPER PIPING WITH SOLDER JOINTS SHALL BE LEAD FREE. DO NOT INSTALL WATER LINES IN OUTSIDE WALL WHERE THEY MAY FREEZE, UNLESS BOTH THE WALL AND THE PIPES ARE PROPERLY INSULATED.
- INSTALL SHUT-OFF VALVES AT EACH PLUMBING FIXTURE AND EACH EQUIPMENT CONNECTION.
- REFER TO ARCHITECTURAL FOR OWNER SUPPLIED EQUIPMENT. CONFIRM ALL MECHANICAL REQUIREMENTS AND PROVIDE TO SUIT.



No.	Description	Date
1	ISSUED FOR TENDER	APR 16, 2026

Orientation

Seal

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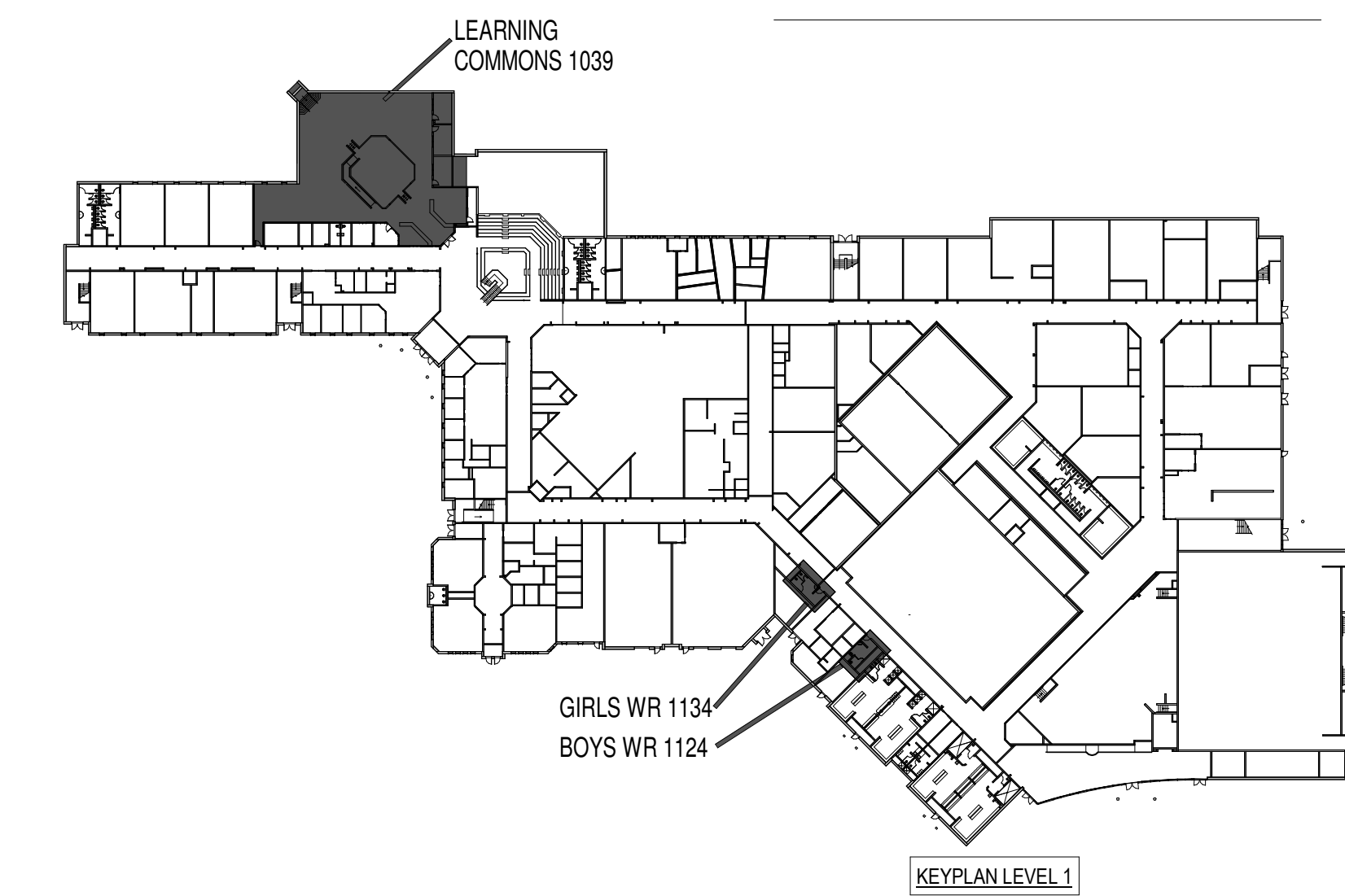
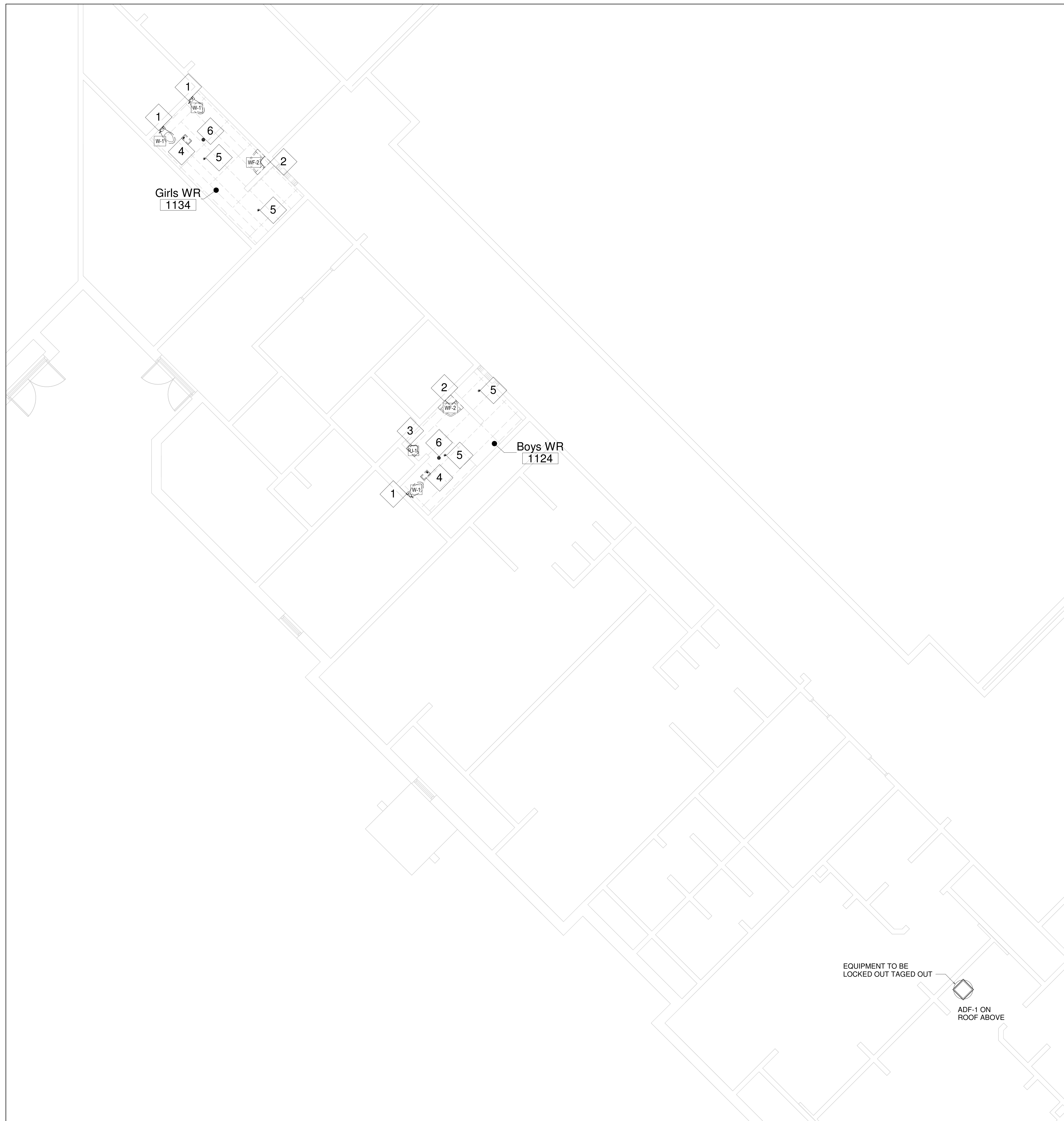
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Project Information
WATERDOWN HS RENOVATIONS
 215 Parkside Dr, Waterdown, ON L8B 1B9

For

Drawing Title
LEAD SHEET, NOTES AND MECHANICAL SCHEDULES

Date	Project No	Drawing No
Drawn by AA	2025-510	M1.0
Scale As indicated		



DEMOLITION DRAWING NOTES	
1	Shut off, lock/tag, and disconnect the flushometer valve assembly; disconnect the water supply line and cap the outlet. Remove the toilet seat, cut the floor caulking, unbolt the fixture, and carefully lift the water closet straight up from the flange. Remove the old wax seal, clean the flange thoroughly, and immediately install a temporary cover over the flange opening to protect it. All removed fixtures and components designated for reuse must be handed over to the Owner.
2	Shut off, disconnect, and cap the water supply line; then disconnect and cap the sanitary drain pipe. Unbolt and remove the entire fountain assembly, including any exposed mounting hardware. Patch and restore the floor or wall substrate, sealing all penetrations in fire-rated assemblies with approved fire-stop material. All removed items designated for reuse shall be handed over to the Owner.
3	Shut off, lock/tag, and verify isolation of the flushometer water supply; disconnect the flush valve and cap the supply line. Disconnect the urinal from its sanitary waste outlet (spud connection) and cap the open drain pipe. Remove the mounting bolts, brackets, and carefully lift the urinal from the wall. Protect the in-wall carrier frame or supporting structure if it is to be reused; otherwise, remove it. Immediately cap all open pipes and patch any incidental wall damage, sealing penetrations in rated walls with approved fire-stop material. All removed fixtures and components designated for reuse must be handed over to the Owner.
4	Shut off and lock out tag out the exhaust fan ADF-1 serving the washroom, then carefully remove the exhaust grille from the ACT ceiling to facilitate demolition of the existing ceiling. Protect the opening from damage or debris, and store the grille for reinstallation by the ceiling contractor. Remove any support, bracket, or hardware associated with the grille, patch and repair any damaged surface as required, and seal any penetration in fire-rated walls or ceilings with approved fire-stop material. Protect the sprinkler head and piping above the ceiling during work.
5	Remove the existing sprinkler heads to facilitate the installation of new ceiling and re-installation of new sprinkler heads at the existing location.
6	The contractor shall remove only the existing floor drain cover without disturbing the drain body or surrounding finishes. Protect the drain opening during construction to prevent debris entry. Verify the existing drain top dimensions on site to confirm compatibility with the new 6" replacement cover prior to installation.

No.	Description	Date
1	ISSUED FOR TENDER	APR 16, 2026

Orientation

Seal

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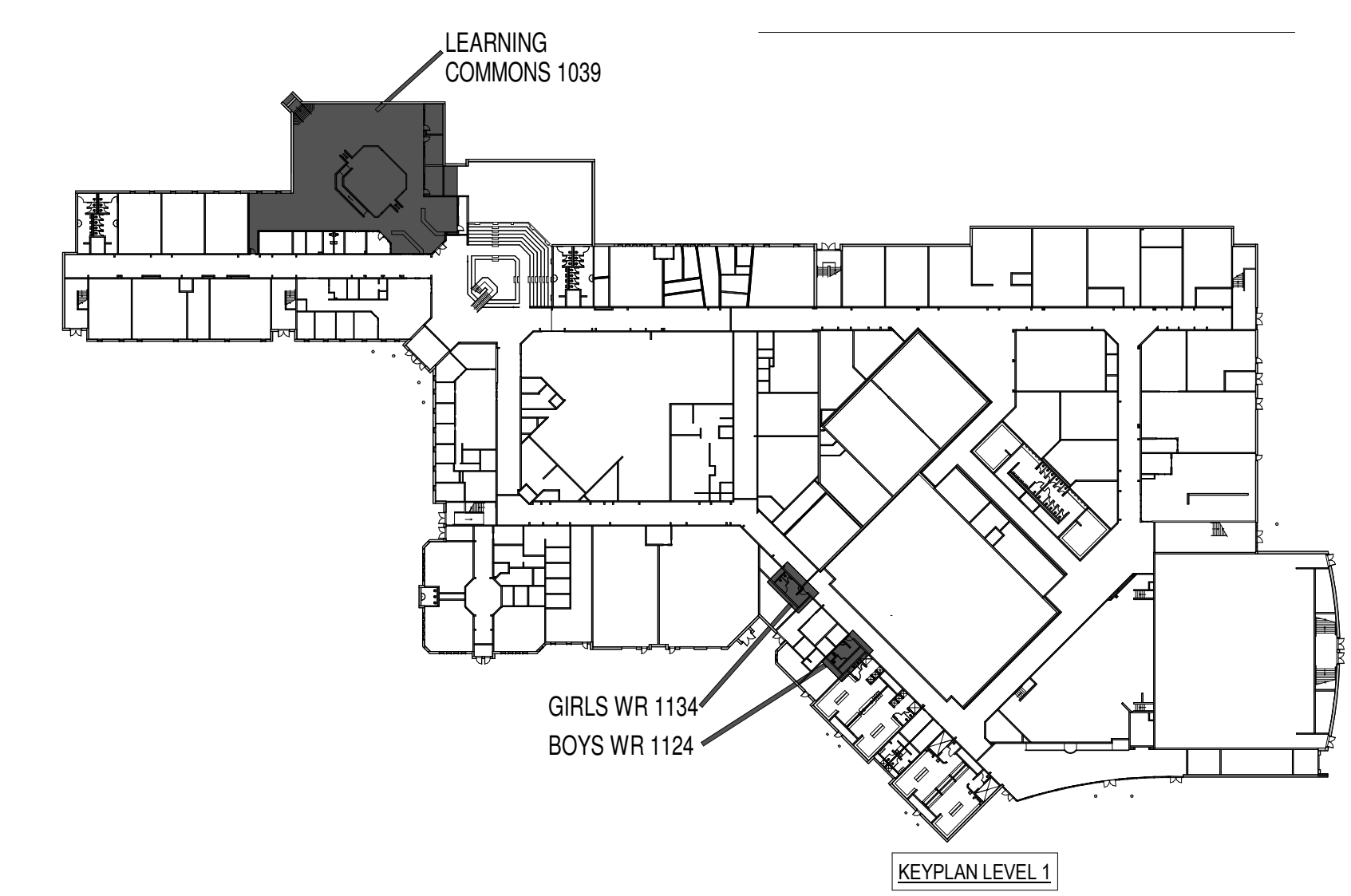
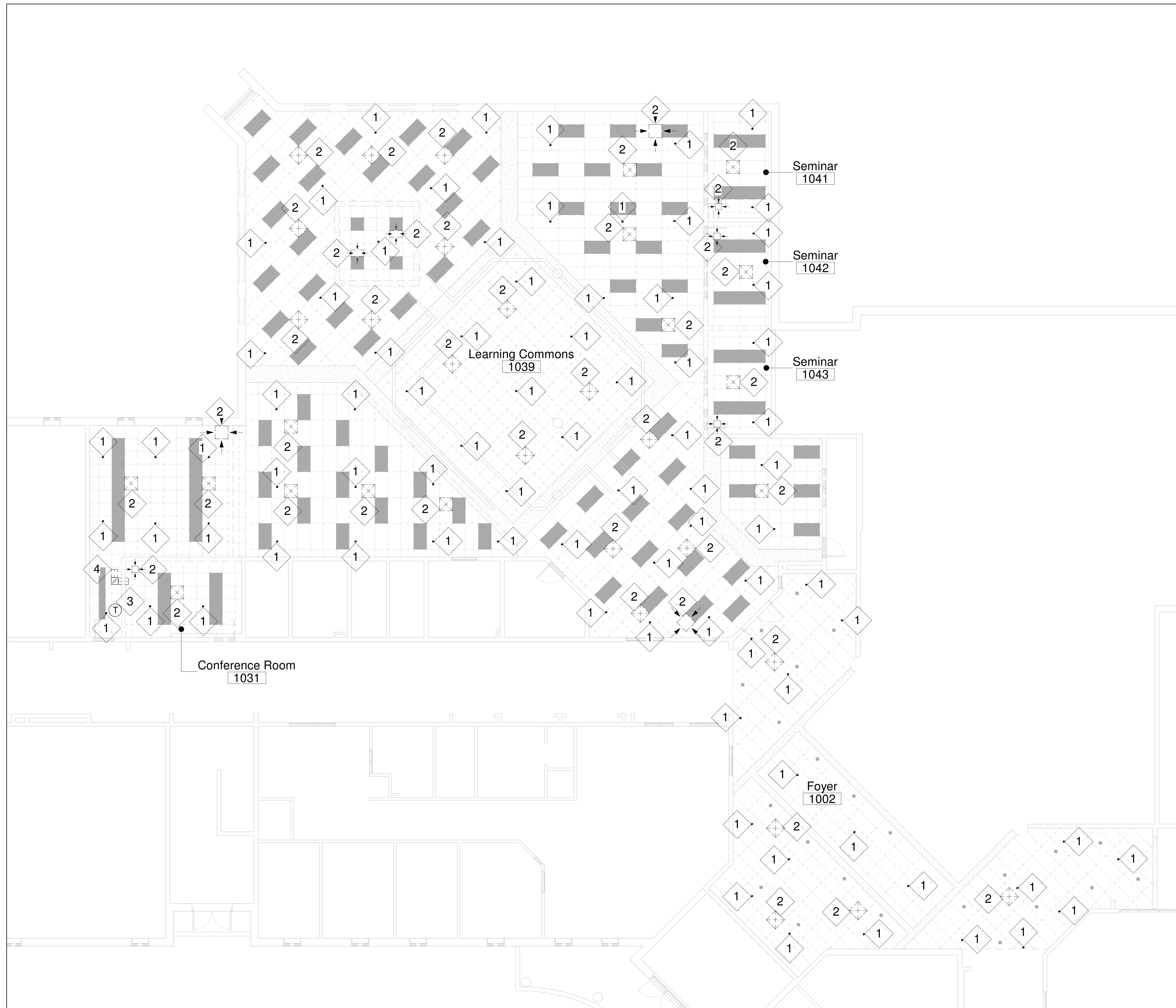


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Project Information
WATERDOWN HS RENOVATIONS
 215 Parkside Dr., Waterdown, ON L8B 1B9

For		
Drawing Title		
DEMOLITION PLAN LEVEL 1-PART A		
Date	Project No	Drawing No
AA	2025-510	M2.0
Scale	As indicated	

NOTE:
 BEFORE COMMENCING ANY WORK, THE CONTRACTOR SHALL:
 VERIFY ALL EXISTING CONDITIONS; COORDINATE ALL UTILITY SHUT-OFFS (LOCK OUT TAG OUT) WITH FACILITY MANAGEMENT; AND PROTECT ADJACENT FINISHES AND EQUIPMENT FROM DAMAGE. ALL DEMOLITION WORK SHALL BE PERFORMED IN A MANNER THAT PREVENTS DAMAGE TO ELEMENTS REMAINING IN PLACE. IMMEDIATELY AFTER DISCONNECTING ANY PLUMBING LINE, IT SHALL BE PROPERLY CAPPED OR PLUGGED TO PREVENT CONTAMINATION, LEAKS, AND THE RELEASE OF SEWER GASES. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY. ANY UNFORESEEN CONDITIONS ENCOUNTERED DURING DEMOLITION SHALL BE REPORTED TO THE CONSULTANT IMMEDIATELY BEFORE PROCEEDING.



1 DEMO-LEVEL 1-LEARNING COMMONS 1039
M2.1 SCALE: 1 : 80

DEMOLITION DRAWING NOTES	
1	Remove the existing sprinkler heads to facilitate the installation of new ceiling and re-installation of new sprinkler heads at the existing location.
2	Disconnect the ductwork connected to diffusers, coordinate with electrical trade to temporarily disconnect and lock out tag out the power to the heat pumps. Carefully remove the diffusers and grilles to a safe location for re-installation.
3	Contractor to site verify the location & remove the existing thermostat & associated wiring if any from the existing wall to facilitate the demolition of the existing wall and relocation. Coordinate with BAS contractor (CONVIRGINT) to disconnect the controls and associated wiring.
4	Contractor to remove the existing transfer air duct and associated components from the existing wall to facilitate the demolition of the wall.

NOTE:
BEFORE COMMENCING ANY WORK, THE CONTRACTOR SHALL:
VERIFY ALL EXISTING CONDITIONS; COORDINATE ALL UTILITY SHUT-OFFS (LOCK OUT TAG OUT) WITH FACILITY MANAGEMENT; AND PROTECT ADJACENT FINISHES AND EQUIPMENT FROM DAMAGE. ALL DEMOLITION WORK SHALL BE PERFORMED IN A MANNER THAT PREVENTS DAMAGE TO ELEMENTS REMAINING IN PLACE. IMMEDIATELY AFTER DISCONNECTING ANY PLUMBING LINE, IT SHALL BE PROPERLY CAPPED OR PLUGGED TO PREVENT CONTAMINATION, LEAKS, AND THE RELEASE OF SEWER GASES. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY. ANY UNFORESEEN CONDITIONS ENCOUNTERED DURING DEMOLITION SHALL BE REPORTED TO THE CONSULTANT IMMEDIATELY BEFORE PROCEEDING.

No.	Description	Date
1	ISSUED FOR TENDER	APR 16, 2026

Orientation Seal

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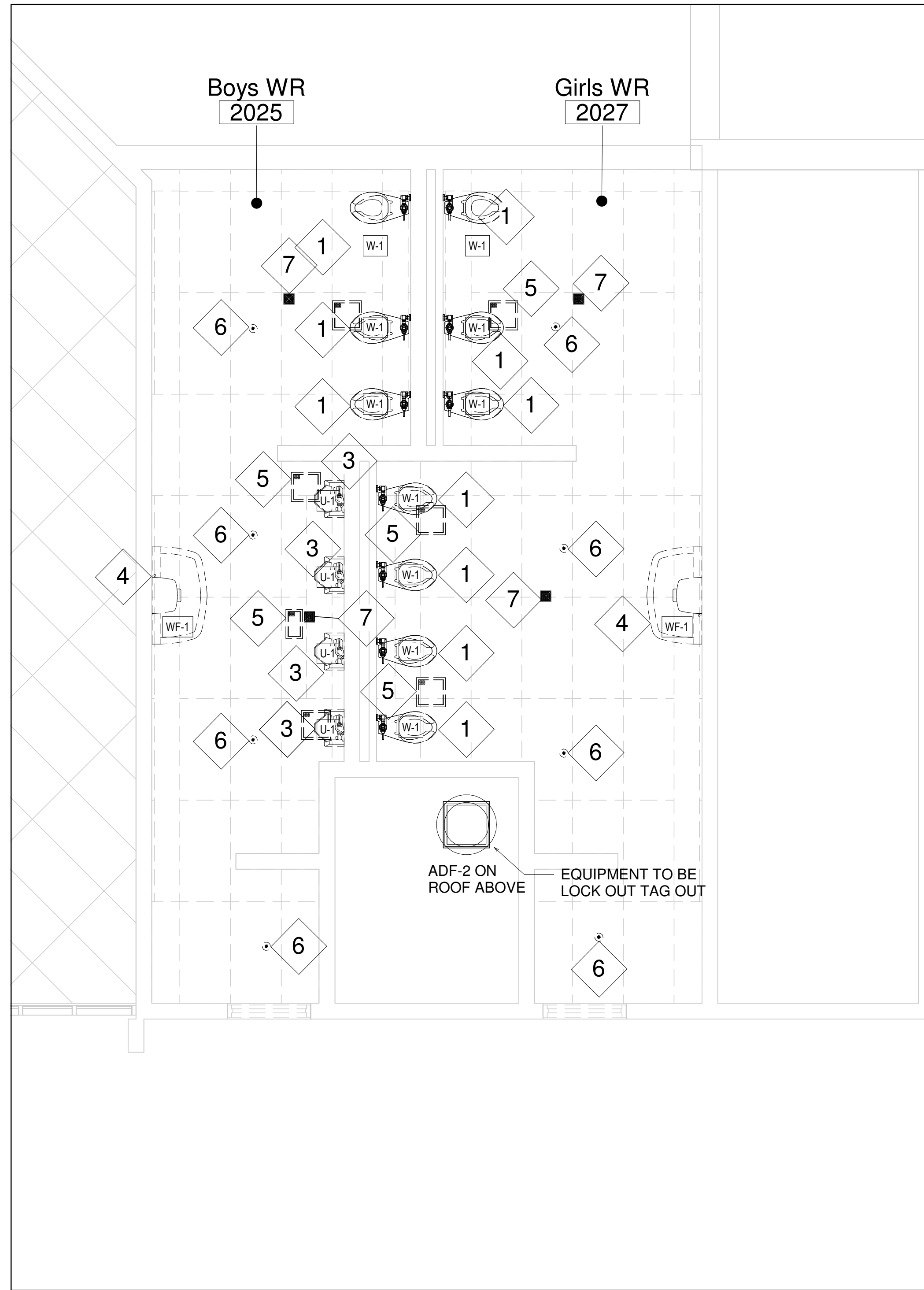
Project Information
WATERDOWN HS RENOVATIONS
215 Parkside Dr, Waterdown, ON L8B 1B9

For

Drawing Title
DEMOLITION PLAN LEVEL 1-PART B

Date	Project No	Drawing No
AA	2025-510	M2.1
Scale	As indicated	

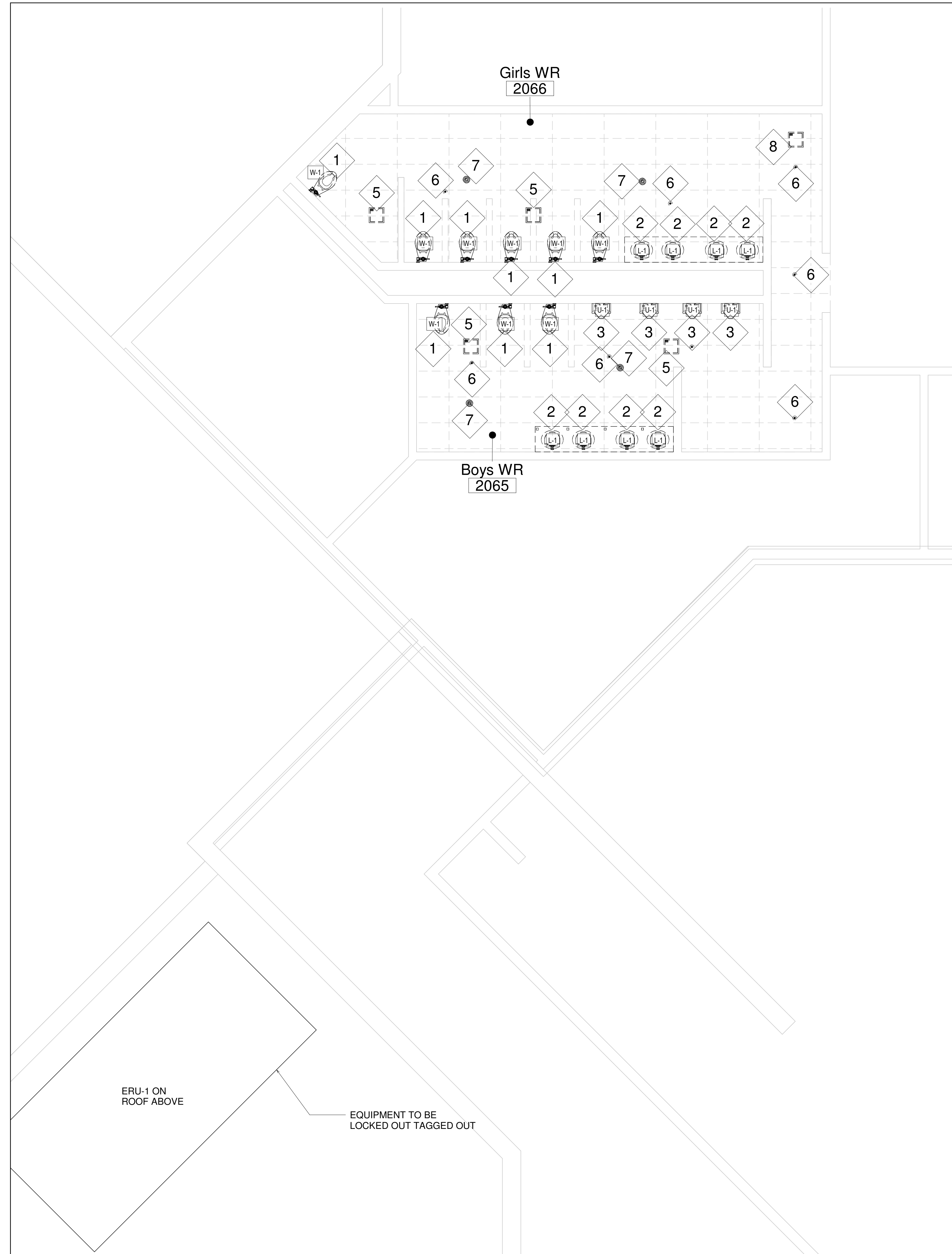
Autocad Docs/25019 - Waterdown Highschool Renovations/510-Waterdown HS Mechanical Model_R24_Local.rvt 2025-04-16 11:41:30 PM



3 DEMO-LEVEL 2-GWR 2027 & BWR 2025

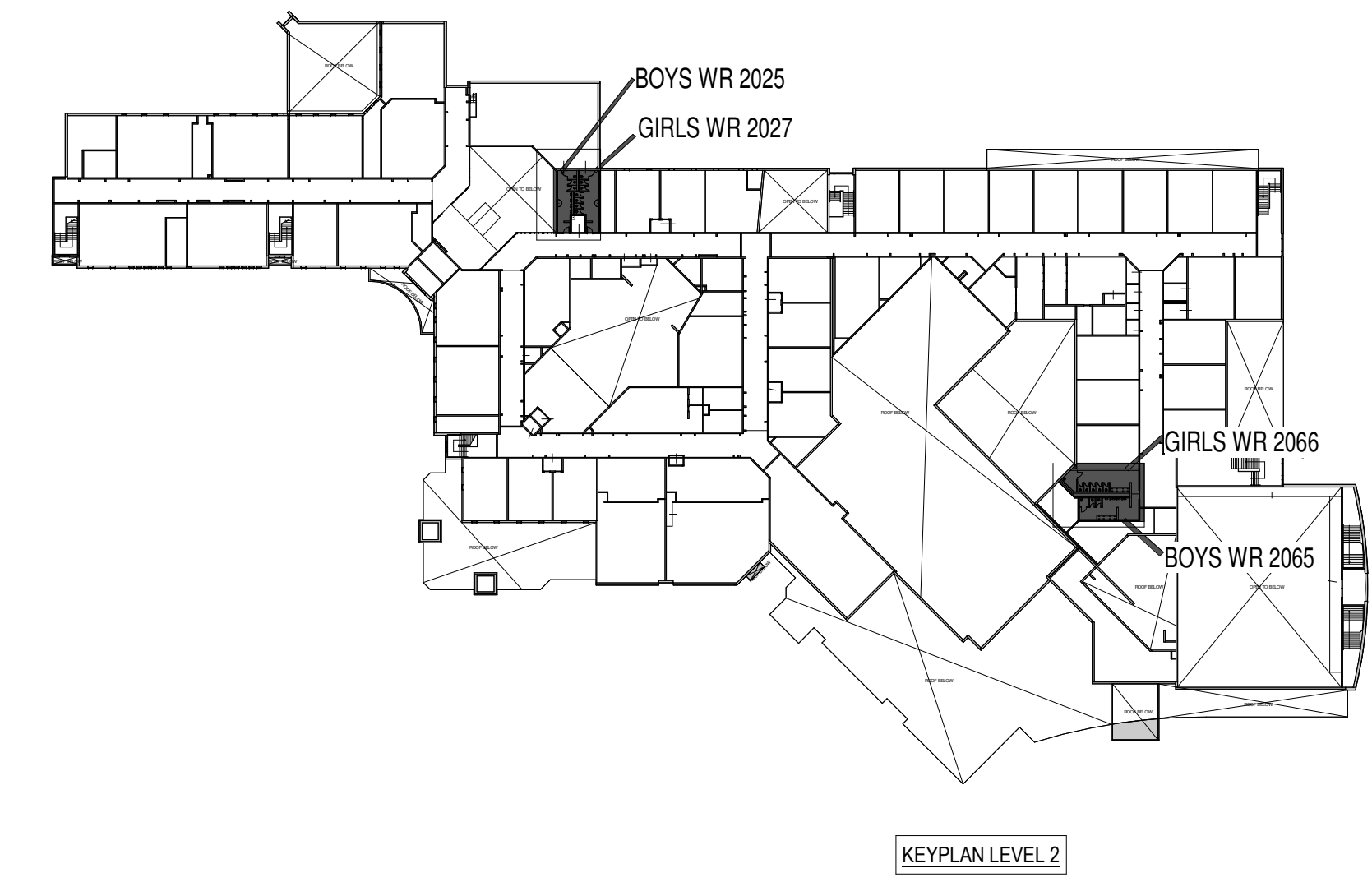
M2.2 SCALE: 1 : 40

DEMOLITION DRAWING NOTES	
1	Shut off, lock/tag, and disconnect the flushometer valve assembly; disconnect the water supply line and cap the outlet. Remove the toilet seat, cut the floor caulking, unbolt the fixture, and carefully lift the water closet straight up from the flange. Remove the old wax seal, clean the flange thoroughly, and immediately install a temporary cover over the flange opening to protect it. All removed fixtures and components designated for reuse must be handed over to the Owner.
2	Shut off, disconnect, and cap both the hot and cold water supply lines at the stop valves. Disconnect and remove the P-trap from the lavatory tailpiece, and cap the open wall drain pipe. Remove any mounting clips, brackets, or fasteners from the countertop or wall. Carefully lift the lavatory basin from the countertop or unbolt it from the wall. Patch and restore the countertop or wall substrate, sealing all penetrations in fire-rated assemblies with approved fire-stop material. All removed fixtures and components designated for reuse shall be handed over to the Owner.
3	Shut off, lock/tag, and verify isolation of the flushometer water supply; disconnect the flush valve and cap the supply line. Disconnect the urinal from its sanitary waste outlet (spud connection) and cap the open drain pipe. Remove the mounting bolts, brackets, and carefully lift the urinal from the wall. Protect the in-wall carrier frame or supporting structure if it is to be reused; otherwise, remove it. Immediately cap all open pipes and patch any incidental wall damage, sealing penetrations in rated walls with approved fire-stop material. All removed fixtures and components designated for reuse must be handed over to the Owner.
4	Shut off, disconnect, and cap the water supply line; then disconnect and cap the sanitary drain pipe. Unbolt and remove the entire wash fountain assembly, including any exposed mounting hardware. Patch and restore the floor or wall substrate, sealing all penetrations in fire-rated assemblies with approved fire-stop material. All removed items designated for reuse shall be handed over to the Owner.
5	Shut off and lock out tag out the exhaust fan ADF-2 / Energy Recovery Unit ERU-1 serving the washroom, then carefully remove the exhaust grille to facilitate demolition of the existing ceiling. Protect the opening from damage or debris, and store the grille for reinstallation by the ceiling contractor. Remove any support, bracket, or hardware associated with the grille, patch and repair any damaged surface as required, and seal any penetration in fire-rated walls or ceilings with approved fire-stop material. Protect the sprinkler head and piping above the ceiling during work.
6	Shut off the sprinkler zone serving the washroom and drain the zone completely before work. Carefully remove and discard the existing sprinkler head from the ACT ceiling to facilitate demolition and installation of the new GWB ceiling. Temporarily support the drop if needed, protect the piping, and ensure all openings remain sealed. Coordinate with the licensed sprinkler contractor to install a new sprinkler head at the correct position in the new ceiling.
7	The contractor shall remove only the existing floor drain cover without disturbing the drain body or surrounding finishes. Protect the drain opening during construction to prevent debris entry. Verify the existing drain top dimensions on site to confirm compatibility with the new 6" replacement cover prior to installation.
8	Remove and salvage existing transfer air grille. contractor shall protect salvaged hardware from damage and store in a secure environment. seal open ductwork.



4 DEMO-LEVEL 2-GWR 2066 & BWR 2065

M2.2 SCALE: 1 : 50



No.	Description	Date
1	ISSUED FOR TENDER	APR 16, 2026

Orientation Seal

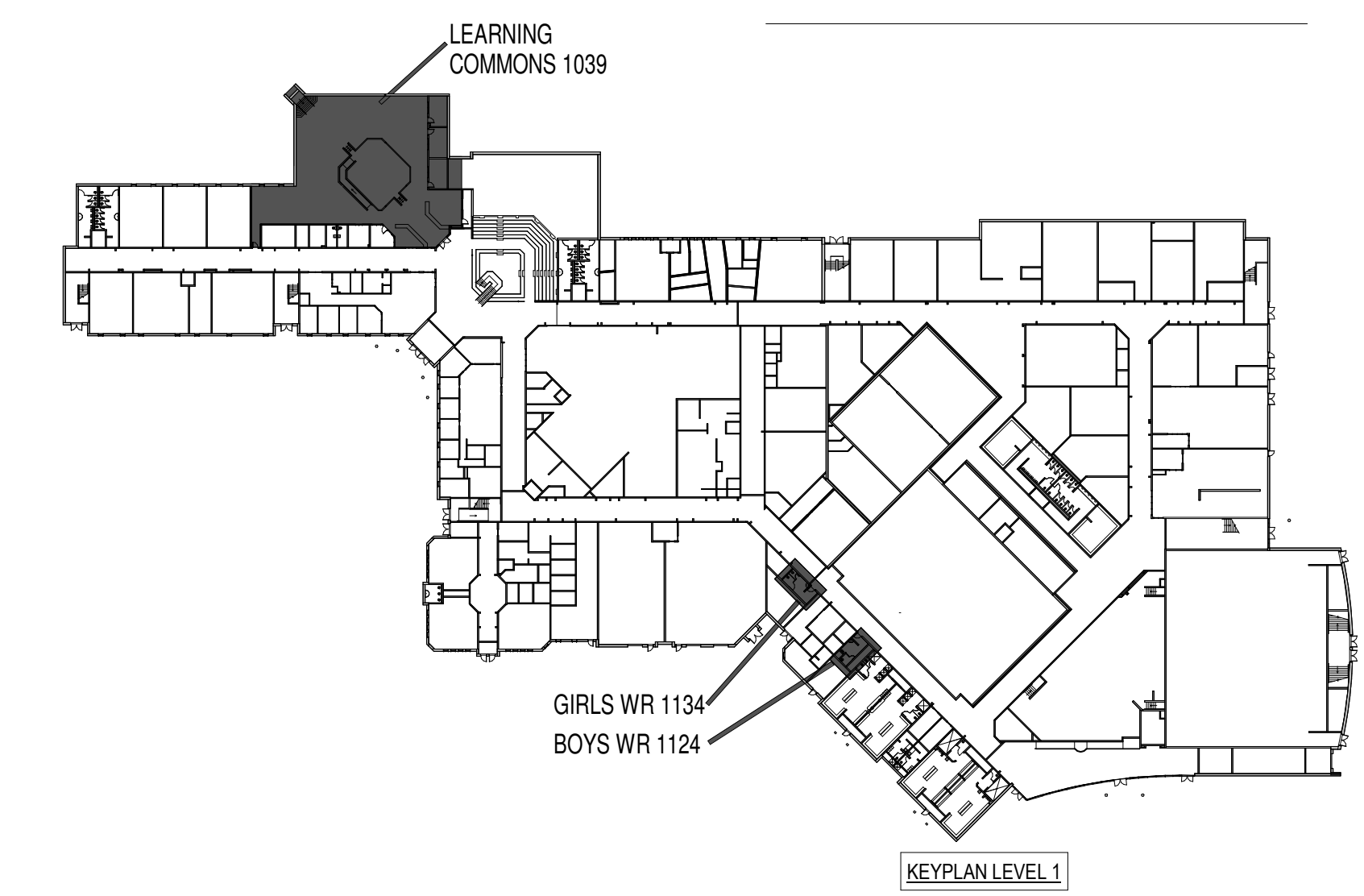
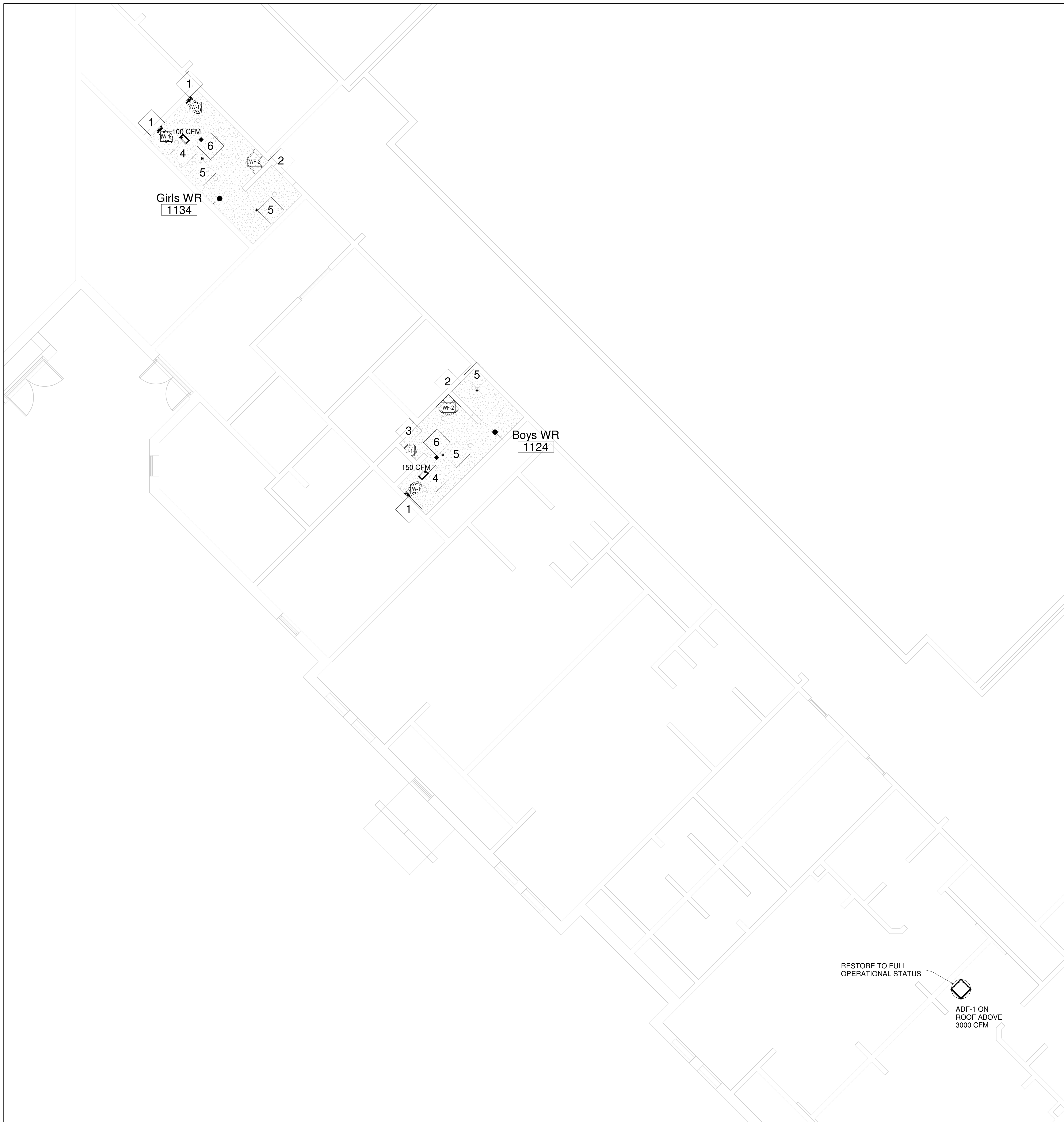
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Project Information		
WATERDOWN HS RENOVATIONS		
215 Parkside Dr., Waterdown, ON L8B 1B9		
For		
Drawing Title		
DEMOLITION PLAN LEVEL 2		
Date	Project No	Drawing No
Drawn by AA	2025-510	M2.2
Scale As indicated		

NOTE:
 BEFORE COMMENCING ANY WORK, THE CONTRACTOR SHALL: VERIFY ALL EXISTING CONDITIONS; COORDINATE ALL UTILITY SHUT-OFFS (LOCK OUT TAG OUT) WITH FACILITY MANAGEMENT; AND PROTECT ADJACENT FINISHES AND EQUIPMENT FROM DAMAGE. ALL DEMOLITION WORK SHALL BE PERFORMED IN A MANNER THAT PREVENTS DAMAGE TO ELEMENTS REMAINING IN PLACE. IMMEDIATELY AFTER DISCONNECTING ANY PLUMBING LINE, IT SHALL BE PROPERLY CAPPED OR PLUGGED TO PREVENT CONTAMINATION, LEAKS, AND THE RELEASE OF SEWER GASES. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY. ANY UNFORESEEN CONDITIONS ENCOUNTERED DURING DEMOLITION SHALL BE REPORTED TO THE CONSULTANT IMMEDIATELY BEFORE PROCEEDING.



PROPOSED DRAWING NOTES	
1	PROVIDE AND INSTALL NEW FLOOR-MOUNTED WATER CLOSET, FLUSH VALVE, AND SEAT. REMOVE TEMPORARY CAPS FROM THE WATER SUPPLY AND CLOSET FLANGE. INSTALL A NEW WAX RING SEAL, SET THE FIXTURE, AND SECURE WITH NEW CLOSET BOLTS. CONNECT THE FLUSH VALVE TO THE WATER SUPPLY. UPON COMPLETION, SLOWLY TURN ON THE WATER SUPPLY, CHECK FOR LEAKS AT ALL CONNECTIONS, AND ACTIVATE THE FLUSH VALVE TO VERIFY PROPER OPERATION AND DRAIN FUNCTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
2	PROVIDE AND INSTALL NEW WASH FOUNTAIN. REMOVE TEMPORARY CAPS FROM THE POTABLE WATER SUPPLY AND SANITARY DRAIN PIPE. MOUNT THE FIXTURE AND CONNECT THE WATER SUPPLY AND DRAIN LINE. UPON COMPLETION, SLOWLY TURN ON THE WATER SUPPLY, CHECK FOR LEAKS AT ALL CONNECTIONS, AND VERIFY PROPER WATER STREAM AND DRAINAGE. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
3	PROVIDE AND INSTALL NEW WALL-MOUNTED URINAL AND FLUSH VALVE. REMOVE TEMPORARY CAPS FROM THE WATER SUPPLY AND SANITARY SPUD CONNECTION. MOUNT THE URINAL TO THE WALL SUPPORT AND CONNECT TO THE SPUD AND WATER SUPPLY. UPON COMPLETION, SLOWLY TURN ON THE WATER SUPPLY, CHECK FOR LEAKS AT THE SUPPLY AND SPUD CONNECTION, AND ACTIVATE THE FLUSH VALVE TO VERIFY PROPER OPERATION, DRAIN FUNCTION, AND NO DRIPPING. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
4	REINSTALL THE EXHAUST GRILLE IN THE NEW GWB CEILING AT THE CORRECT LOCATION, ENSURING IT IS SECURELY SUPPORTED AND PROPERLY ALIGNED. THE CONTRACTOR SHALL SUBMIT AN AIR-BALANCE REPORT FOR THE EXHAUST SYSTEM TO CONFIRM THE CFM MEETS DESIGN REQUIREMENTS AFTER REINSTALLATION. COORDINATE WITH BOARD BAS VENDOR (CONVERGINT)
5	INSTALL NEW SPRINKLER HEAD AT THE CORRECT ELEVATION IN THE NEW GWB CEILING, ENSURING THE ESCUTCHEON IS CENTERED AND FLUSH WITH THE CEILING. VERIFY SPACING AND COVERAGE COMPLY WITH NFPA 13 REQUIREMENTS.
6	THE CONTRACTOR SHALL SUPPLY AND INSTALL A NEW ZS400SS-6SS STAINLESS-STEEL FLOOR DRAIN COVER TO FIT THE EXISTING DRAIN BODY. SET THE COVER FLUSH WITH THE FINISHED FLOOR AND COORDINATE ALIGNMENT WITH THE ARCHITECTURAL TILE LAYOUT. FINAL FINISH COMPATIBILITY MUST BE CONFIRMED WITH THE ARCHITECT PRIOR TO INSTALLATION.
7	ALL BAS MODIFICATIONS, PROGRAMMING, AND INTEGRATION SHALL BE PERFORMED EXCLUSIVELY BY CONVERGINT. CONTRACTOR TO COORDINATE ALL SCOPE WITH VENDOR TO ENSURE SEAMLESS INTEGRATION WITH THE EXISTING SYSTEM.

No.	Description	Date
1	ISSUED FOR TENDER	APR 16, 2026

Orientation

Seal

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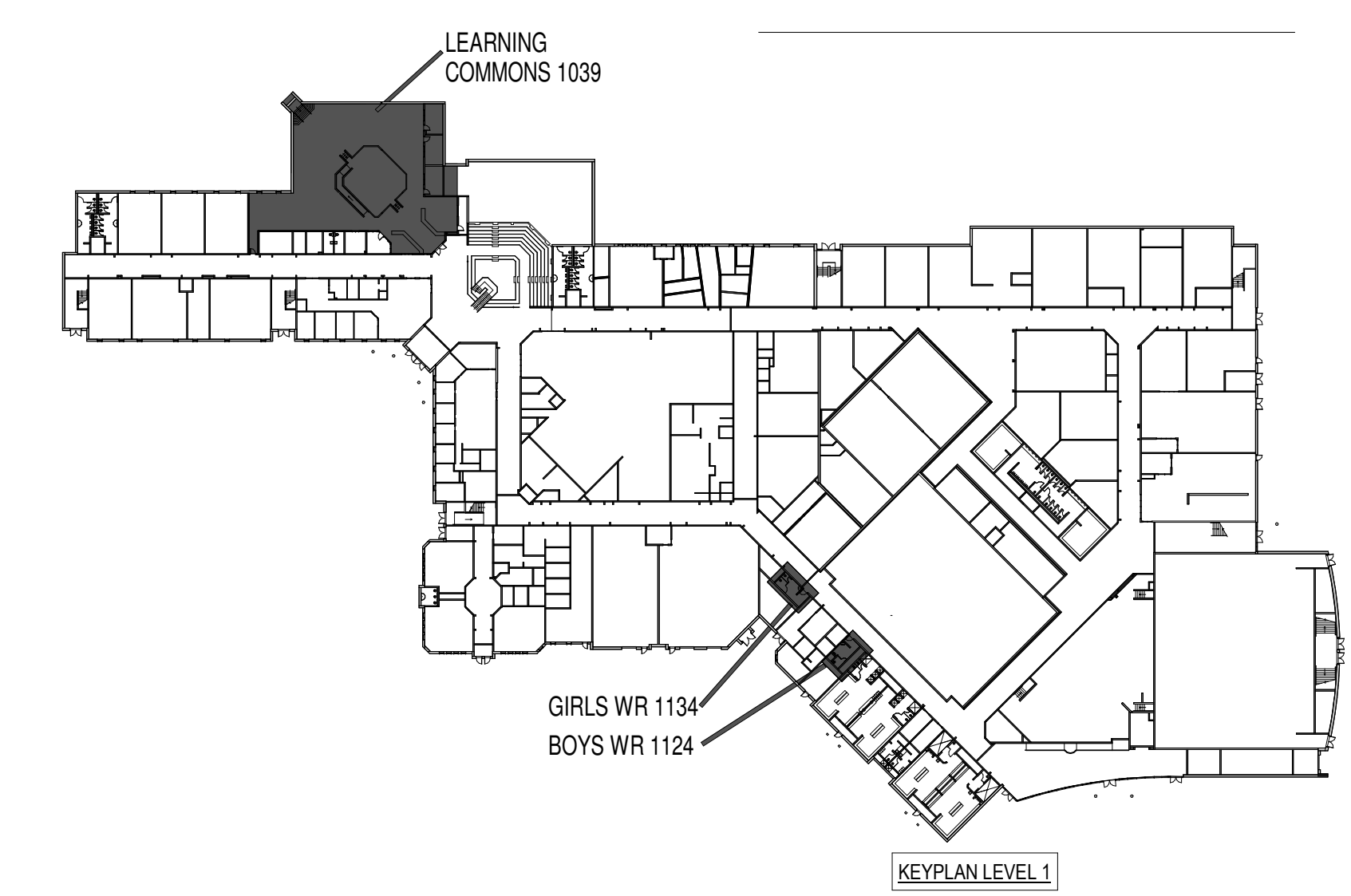
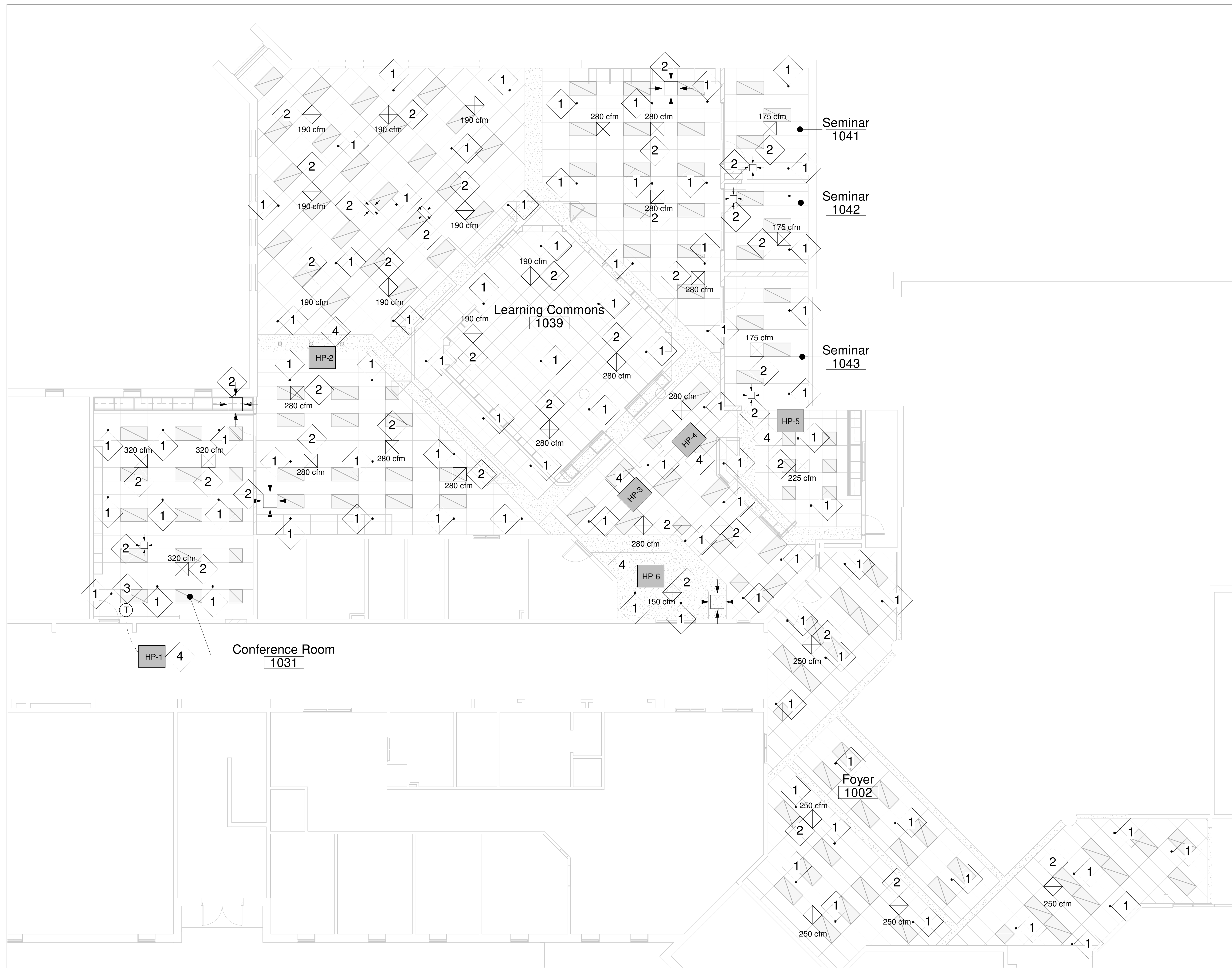
Project Information
WATERDOWN HS RENOVATIONS
215 Parkside Dr., Waterdown, ON L8B 1B9

For

Drawing Title
PROPOSED PLAN LEVEL 1-PART A

Date	Project No	Drawing No
Drawn by AA	2025-510	M3.0
Scale As indicated		

NOTE:
CONTRACTOR SHALL ENSURE ALL INSTALLATIONS ARE COMPLETE, SECURE, AND LEAK-FREE. A FINAL OPERATIONAL TEST MUST BE PERFORMED IN THE PRESENCE OF OWNER'S REPRESENTATIVE TO VERIFY ALL FIXTURES FUNCTION CORRECTLY. ALL WORK SHALL CONFORM TO THE LATEST OBC AND LOCAL AUTHORITY STANDARDS. PROVIDE ALL NECESSARY WARRANTIES AND MANUFACTURER'S INSTALLATION DATA.



1 PROPOSED-LEVEL 1-LEARNING COMMONS 1039
 M3.1 SCALE: 1 : 80

DEMOLITION DRAWING NOTES	
1	INSTALL NEW SPRINKLER HEAD AT THE CORRECT ELEVATION IN THE NEW GWB CEILING, ENSURING THE ESCUTCHEON IS CENTERED AND FLUSH WITH THE CEILING. VERIFY SPACING AND COVERAGE COMPLY WITH NFPA 13 REQUIREMENTS. COORDINATE ALL HEAD PLACEMENTS TO AVOID CONFLICT WITH NEW LIGHT FIXTURES.
2	CONTRACTOR SHALL RELOCATE AND FIELD-ADJUST ALL SALVAGED SUPPLY DIFFUSERS & GRILLES TO ALIGN PRECISELY WITH THE NEW CEILING GRID. COORDINATE PLACEMENT TO ENSURE UNITS ARE CENTERED WITHIN TILES AND FLUSH-MOUNTED. PROVIDE ALL NEW GASKETS, FLEXIBLE DUCTING, AND HARDWARE AS REQUIRED FOR A LEVEL, AIRTIGHT INSTALLATION. CONTRACTOR SHALL COORDINATE LAYOUT WITH NEW LIGHT FIXTURES. UPON COMPLETION OF THE INSTALLATION, PERFORM A FINAL AIR BALANCE & SUBMIT AIR BALANCE REPORT TO THE ENGINEER.
3	CONTRACTOR TO INSTALL AND RELOCATE THERMOSTAT TO NEW WALL LOCATION AS INDICATED ON PLANS. COORDINATE WITH BAS CONTRACTOR TO EXTEND/PROVIDE NEW WIRING AND CONTROLS AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. SITE VERIFY FINAL MOUNTING HEIGHT AND LOCATION WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
4	RESTORE TO FULL OPERATIONAL STATUS. CONTRACTOR SHALL PROVIDE A CERTIFIED AIR BALANCE FOR THE EXISTING HEAT PUMP UPON COMPLETION OF THE NEW WORK. AIRFLOW SHALL BE BALANCED TO ORIGINAL DESIGN SPECIFICATIONS, AND A FINAL TAB (TESTING, ADJUSTING, AND BALANCING) REPORT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW. COORDINATE WITH BOARD BAS VENDOR (CONVERGINT)
5	ALL BAS MODIFICATIONS, PROGRAMMING, AND INTEGRATION SHALL BE PERFORMED EXCLUSIVELY BY CONVERGINT. CONTRACTOR TO COORDINATE ALL SCOPE WITH VENDOR TO ENSURE SEAMLESS INTEGRATION WITH THE EXISTING SYSTEM.

NOTE:
 CONTRACTOR SHALL ENSURE ALL INSTALLATIONS ARE COMPLETE, SECURE, AND LEAK-FREE. A FINAL OPERATIONAL TEST MUST BE PERFORMED IN THE PRESENCE OF OWNER'S REPRESENTATIVE TO VERIFY ALL FIXTURES FUNCTION CORRECTLY. ALL WORK SHALL CONFORM TO THE LATEST OBC AND LOCAL AUTHORITY STANDARDS. PROVIDE ALL NECESSARY WARRANTIES AND MANUFACTURER'S INSTALLATION DATA. CONTRACTOR SHALL COORDINATE DIFFUSER AND GRILLE LOCATION WITH ARCHITECTURAL CEILING PLANS AND SPRINKLER CONTRACTOR

No.	Description	Date
1	ISSUED FOR TENDER	APR 16, 2026

Orientation Seal

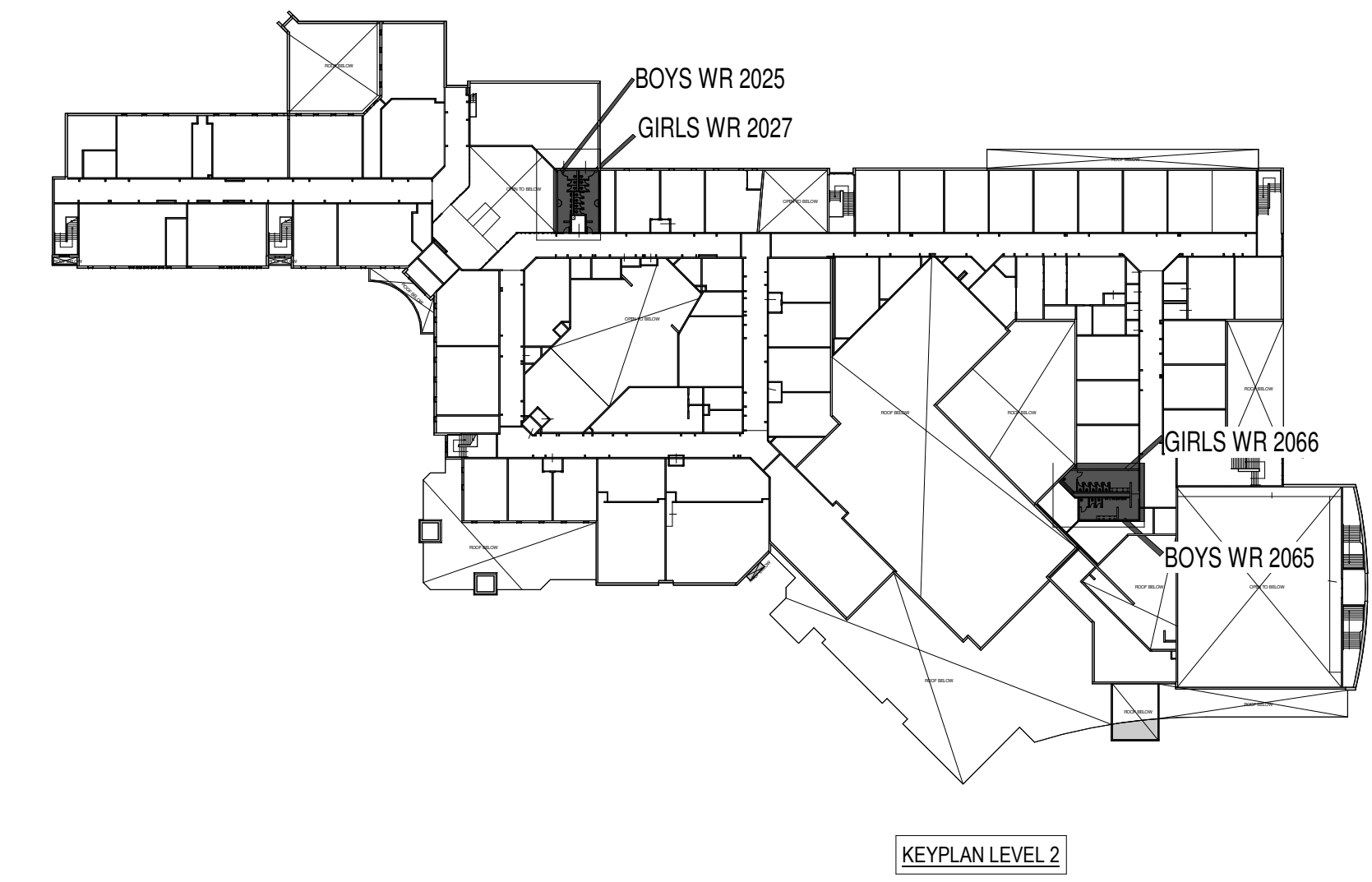
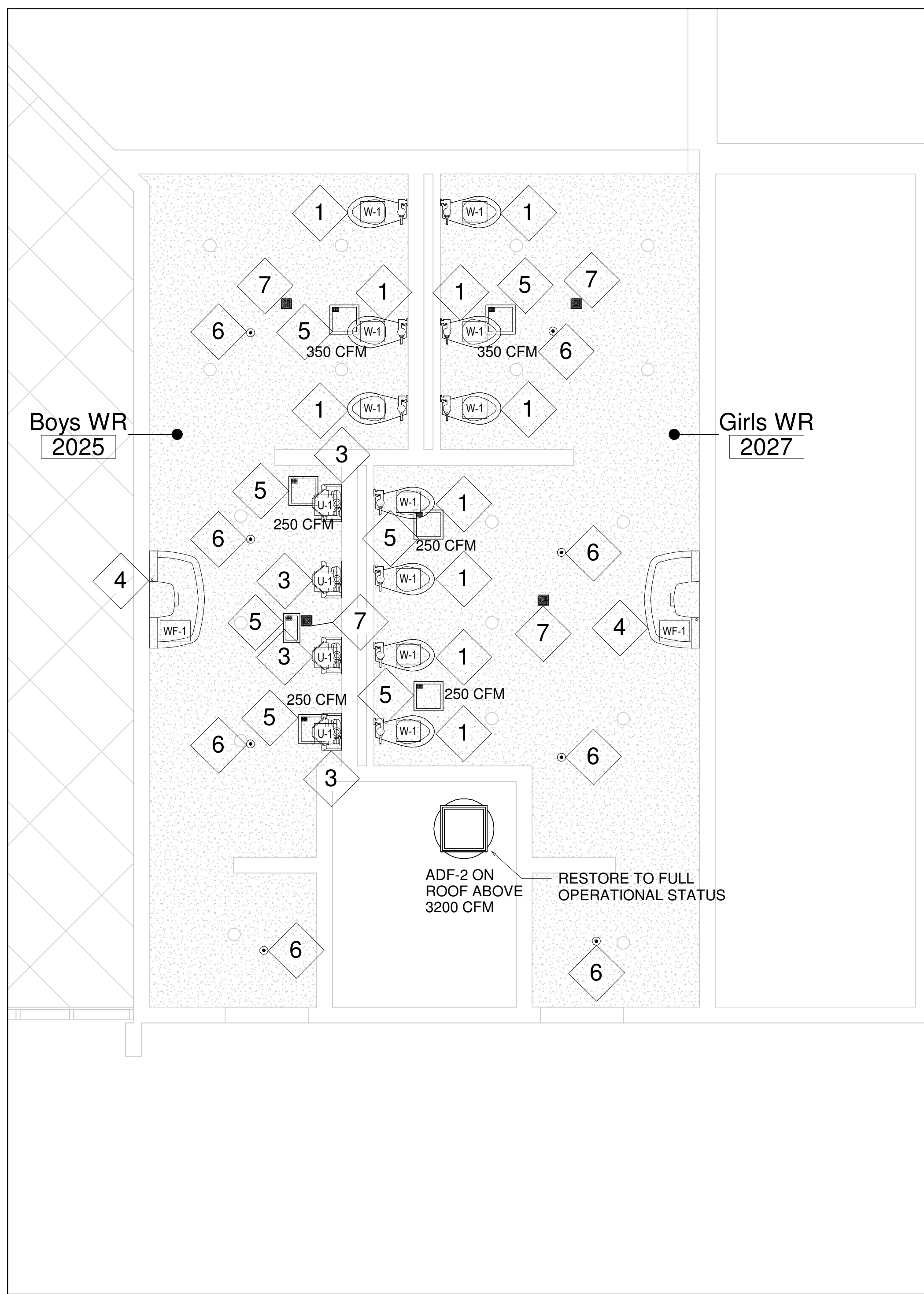
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Project Information
WATERDOWN HS RENOVATIONS
 215 Parkside Dr., Waterdown, ON L8B 1B9

Drawing Title		
PROPOSED PLAN LEVEL 1-PART B		
Date	Project No	Drawing No
Drawn by AA	2025-510	M3.1
Scale As indicated		



3 PROPOSED-LEVEL 2-GWR 2027 & BWR 2025

M3.2 SCALE: 1 : 40

PROPOSED DRAWING NOTES	
1	PROVIDE AND INSTALL NEW FLOOR-MOUNTED WATER CLOSET, FLUSH VALVE, AND SEAT. REMOVE TEMPORARY CAPS FROM THE WATER SUPPLY AND CLOSET FLANGE. INSTALL A NEW WAX RING SEAL, SET THE FIXTURE, AND SECURE WITH NEW CLOSET BOLTS. CONNECT THE FLUSH VALVE TO THE WATER SUPPLY. UPON COMPLETION, SLOWLY TURN ON THE WATER SUPPLY, CHECK FOR LEAKS AT ALL CONNECTIONS, AND ACTIVATE THE FLUSH VALVE TO VERIFY PROPER OPERATION AND DRAIN FUNCTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
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5	REINSTALL THE EXHAUST GRILLE IN THE NEW GWB CEILING AT THE CORRECT LOCATION, ENSURING IT IS SECURELY SUPPORTED AND PROPERLY ALIGNED. THE CONTRACTOR SHALL SUBMIT AN AIR-BALANCE REPORT FOR THE EXHAUST SYSTEM TO CONFIRM THE CFM MEETS DESIGN REQUIREMENTS AFTER REINSTALLATION. COORDINATE WITH BOARD BAS VENDOR (CONVERGINT)
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8	REINSTALL SALVAGED TRANSFER AIR GRILLE. ENSURE A FLUSH INSTALLATION. CONTRACTOR SHALL VERIFY THE TRANSFER AIR PATH IS UNOBSTRUCTED.
9	ALL BAS MODIFICATIONS, PROGRAMMING, AND INTEGRATION SHALL BE PERFORMED EXCLUSIVELY BY CONVERGINT. CONTRACTOR TO COORDINATE ALL SCOPE WITH VENDOR TO ENSURE SEAMLESS INTEGRATION WITH THE EXISTING SYSTEM.

4 PROPOSED-LEVEL 2-GWR 2066 & BWR 2065

M3.2 SCALE: 1 : 50

No.	Description	Date
1	ISSUED FOR TENDER	APR 16, 2026

Orientation	Seal
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Project Information
WATERDOWN HS RENOVATIONS
215 Parkside Dr, Waterdown, ON L8B 1B9

Drawing Title
PROPOSED PLAN LEVEL 2

Date	Project No	Drawing No
Drawn by AA	2025-510	M3.2
Scale As indicated		

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