

Interior Renovations for  
HWDSB Norwood Park Accessibility Upgrades  
165 Terrace Dr, Hamilton, Ontario  
ISSUED FOR TENDER

ABBREVIATIONS

A	AIR CONDITIONING	F (CONT.)	FINISH FLOOR ELEVATION	P (CONT.)	PERIMETER
A/C	ACOUSTIC PANEL	FFL	FINISH FLOOR LINE	PERM	PROPERTY LINE/PLATE
AB	ANCHOR BOLT	FHE	FIRE EXTINGUISHER CABINET	P/LAM	PLASTER
ABV	ABOVE	FIER	FINISH (ED)	PLAST	POUNDS PER LINEAL FOOT
AC	ACCESS	FIEL	FIRE SEPARATION	P/WD	PAN/WOOD
AC/PNL	ACRYLIC PANEL	FL	FLOOR	PNI	PANEL
ACC	ACCESS	FLS	FLOOR	PNS	POSITION
ACCD	ACCESS DOOR (HINGED)	FLEX	FLEXIBLE	PRC/CONC	PREFABRICATED CONCRETE
ACI	AMERICAN CONCRETE INSTITUTE	FLOR	FLOURESCENT	PREFIN	PREFABRICATED (D)
ACM	ACOUSTIC MEMBRANE	FOS	FACE OF CONCRETE	PREFIN	PREFINISHED
ACPL	ACOUSTIC PLASTER	FOF	FACE OF FINISH	PREFORM	PREFORMED
ACT	ACOUSTIC CEILING TILE	FOS	FACE OF STUDS/STEEL	PRESS. TREAT.	PRESSURE TREATED
AD	ADJUST	FPR	FIRE RESISTANCE RATED	PRINT	PRINTER
ADD	ADDENDUM	FRE	FIRE RETARDANT	PROJ	PROJECT/PROJECTING
ADJ	ADJACENT	FP	FIREPLACE	PTD	POUNDS PER SQUARE FOOT
ADJUST	ADJUSTABLE	FUR	FURRED (ING)	PT	POINT/PAINT
ADO/M	AUTOMATIC DOOR OPERATOR	G	GALVANIZED	PTN	PARTITION
ADO/P	AUTOMATIC DOOR OPERATOR	GALV	GALVANIZED	PVMD	PRESSURE TREATED WOOD
ADU	ADDITIONAL UNIT	GA	GAUGE	PVC	POLYVINYL CHLORIDE OR COATING
AFF	ABOVE FINISHED FLOOR	GALV	GALVANIZED	Q	QUARRY TILE
AGG	AGGREGATE	GB	GRAB BAR	Q	QUARRY TILE
ALT	ALTERNATE	GC	GENERAL CONTRACTOR	R	ROD AND SHELF
ALUM	ALUMINUM	GD	GRADE (ING)	RA	RADIUM RADIATOR
AMP	ACOUSTIC METAL PANEL	GET	GLASS (ING)	RAG	RETURN AIR GRILLE
ANCH	ANCHOR	GL	GLASS (FLOAT)	RB	RUBBER BASE
ANN/PNL	ANNUNCIATOR PANEL	GL BLK	GLASS BLOCK	REC	REFLECTED CEILING PLAN
ANDD	AND D	GRD	GROUND	REC	RECEIVED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	GRAN	GRANITE	REC	RECEIVED
AP	APPROX	GWB	GYPSON WALL BOARD	REF	REFERENCE
ASPH	ASPHALT	GWB	GYPSON WALL BOARD	REF	REFERENCE
ASBEST	ASBESTOS	GWB	GYPSON WALL BOARD	REF	REFERENCE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	GWB	GYPSON WALL BOARD	REF	REFERENCE
AUTO	AUTOMATIC	GWB	GYPSON WALL BOARD	REF	REFERENCE
AWI	WOODWORK INSTITUTE	GWB	GYPSON WALL BOARD	REF	REFERENCE
AWMAC	ARCHITECTURAL WOODWORK MANUFACTURERS ASS. OF CANADA	GWB	GYPSON WALL BOARD	REF	REFERENCE
AWP	ACOUSTIC WALL PANEL	GWB	GYPSON WALL BOARD	REF	REFERENCE



CONTACT LIST

<b>HWDSB</b>	Client	Hamilton-Wentworth District School Board 20 Education Court, P.O. Box 2558 Hamilton, Ontario T: 905-527-5092	Hamilton-Wentworth District School Board
<b>GS</b>   <b>GACESA   SLOTE ARCHITECTS</b>	Architect	GS GACESA SLOTE ARCHITECTS INC. 118 James Street North, Suite 300 Hamilton, Ontario, L8R 2K7 T: 905-297-0863 x1 E: stevan.gacesa@gs-arch.ca	Stevan Gacesa, OAA,
<b>AILMAR ENGINEERING</b> STRUCTURAL ENGINEERS	Structural	AILMAR ENGINEERING INC. 94 Curran Road, Ancaster, Ontario, L9K 0H4 T: 905-966-4797 E: ssomo@ailmar.com	Samuel Somo, P.Eng.
<b>CoPa ENGINEERING LTD.</b>	Mechanical	CoPa Engineering Ltd. 29 Rolling Acres Drive Kitchener, ON N2A 3W5 T: 519-894-0022 T: 519-894-4548 E: copa.eng@sympatico.ca	Costas Pasharis, P. Eng.
<b>ROOT3 Engineering</b>	Electrical	Root3 Engineering Ltd. 1920 Young St, Suite 200, Toronto, ON M4S 3E2 T: 437-562-6772 E: sholditch@root3.ca	Steve Holditch, P. Eng.

GRAPHIC SYMBOLS

1 A8.1	INDICATES DETAIL NUMBER	1 5.1	INDICATES ELEVATION NUMBER	A	GRID REFERENCE
A3000	INDICATES DRAWING SHEET ON WHICH DETAIL IS SHOWN (CROSS REFERENCING)	1 254.400	INDICATES SHEET ON WHICH ELEVATION IS SHOWN (CROSS REFERENCING)	1 A7.1	INDICATES WALL SECTION NUMBER
A3000	INDICATES SKETCH SHEET ON WHICH DETAIL IS SHOWN	1 254.400	INDICATES SHEET ON WHICH ELEVATION IS SHOWN (CROSS REFERENCING)	1 A7.1	INDICATES DRAWING SHEET ON WHICH SECTION IS SHOWN (CROSS REFERENCING)
W01	WINDOW TYPE	1 254.400	INDICATES SHEET ON WHICH ELEVATION IS SHOWN (CROSS REFERENCING)	1 A7.1	INDICATES DRAWING SHEET ON WHICH SECTION IS SHOWN (CROSS REFERENCING)
W01	WINDOW TYPE	1 254.400	INDICATES SHEET ON WHICH ELEVATION IS SHOWN (CROSS REFERENCING)	1 A7.1	INDICATES DRAWING SHEET ON WHICH SECTION IS SHOWN (CROSS REFERENCING)
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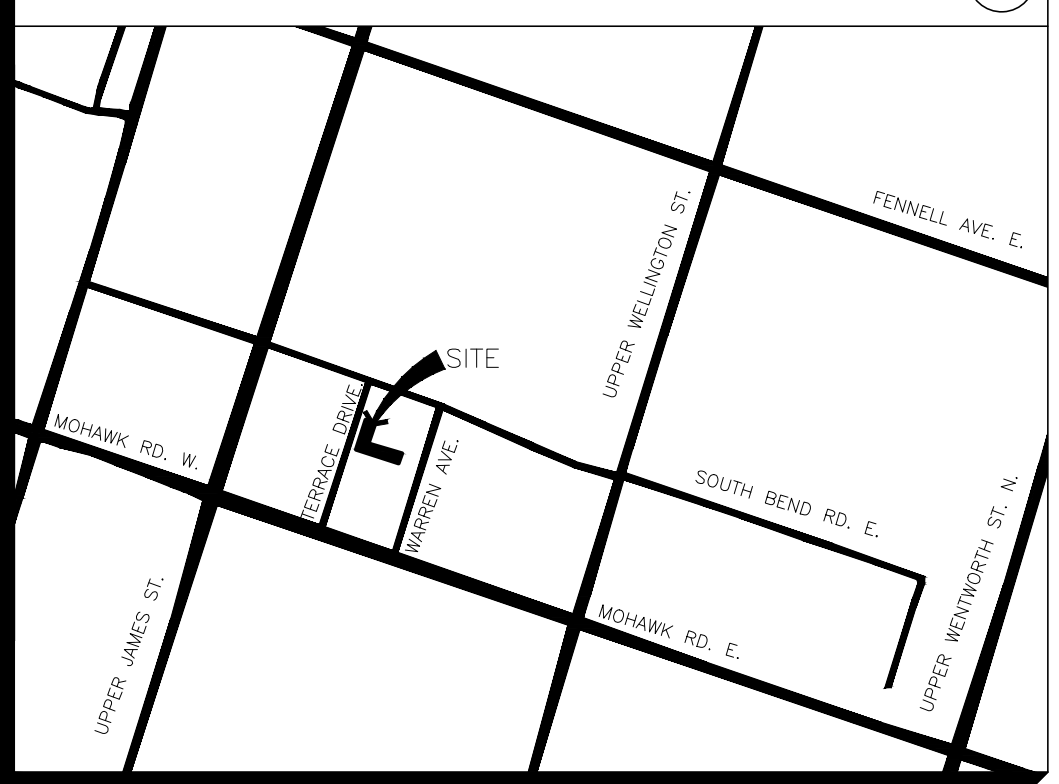
SHEET INDEX

SHEET NUMBER/TITLE	
A0.1	COVER
A0.2	OBC MATRIX, WALL ASSEMBLIES & DOOR SCHEDULES
A0.3	SPECIFICATIONS
A2.0	DEMOLITION, NEW FLOOR PLANS & INTERIOR ELEVATION
A2.1	REFLECTED CEILING PLAN AND PENTHOUSE PLAN
A3.0	WASHROOM DETAILS
A6.0	SECTION
ARCHITECTURAL	
STRUCTURAL	
MECHANICAL	
M1.1	PLUMBING LAYOUTS
M2.1	HVAC LAYOUTS
M3.1	MECHANICAL NOTES AND SCHEDULES

SHEET INDEX

SHEET NUMBER/TITLE	
E1	ELECTRICAL LEGEND & SPECIFICATION
E2	ELECTRICAL PLAN
E3	ELECTRICAL DETAILS
ELECTRICAL	

SITE LOCATION PLAN



GENERAL NOTES

- ALL CONSTRUCTION TO MEET ALL CURRENT ONTARIO BUILDING CODE REQUIREMENTS.
- ENSURE THAT ALL CONSTRUCTION, MATERIALS, METHODS OF INSTALLATION AND TEMPORARY FACILITIES COMPLY WITH REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
- INSPECT SITE CONDITIONS PRIOR TO COMMENCING ON NEW WORK AND REPORT ANY DISCREPANCIES.
- REPORT ALL CONTEMPLATED DEVIATIONS FROM THE DRAWINGS PRIOR TO MAKING CHANGES.
- SITE VERIFY ALL DIMENSIONS AND MAKE MODIFICATIONS TO SUIT EXISTING SITE CONDITIONS.
- MAKE GOOD ALL AREAS DISTURBED OR DAMAGED DURING CONSTRUCTION WHETHER SHOWN ON DRAWINGS OR NOT.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ANY AND ALL STRUCTURAL, MECHANICAL, ELECTRICAL, CIVIL AND LANDSCAPE DRAWINGS. COORDINATE STRUCTURAL, MECHANICAL, ELECTRICAL, CIVIL & LANDSCAPE WORK TO ENSURE THE PARTS OF THE WORK COME TOGETHER PROPERLY.
- PROVIDE CUTTING, PATCHING, AND REMEDIAL WORK IN ORDER TO ENSURE PARTS OF THE WORK COME TOGETHER PROPERLY.
- ARRANGE FOR INSPECTIONS REQUIRED BY LOCAL BUILDING, PLUMBING, HYDRO, GAS, ETC., AUTHORITIES DURING CONSTRUCTION AND FOR OCCUPANCY.
- THE PLANS SHOWN HERE DO NOT REPRESENT THE FULL LIMIT OF THE SCOPE OF WORK. PROVIDE ALL WORK IN ORDER TO ENSURE PARTS OF THE WORK COME TOGETHER PROPERLY.

GACESA | SLOTE  
ARCHITECTS



118 JAMES ST. NORTH, SUITE 300, HAMILTON, ONTARIO L8R 2K7

CONTRACTOR IS TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

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NOTE: DRAWINGS ARE NOT TO BE SCALED.

03 2026-04-10 Issued for Tender

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01 2025-11-19 Issued for Client Review

No. Date Remarks

Interior Renovations for  
HWDSB Norwood Park  
Accessibility Upgrades  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

Dwg. Title:

Cover

Drwn: Chkd: SG

Proj. No.: 25027

Scale: As noted

Date: 2026 01 20

Drawing No.:

A0.1



8 WALL ASSEMBLY  
A0.2 1:10

GRAPHIC DESCRIPTION						
DESIGNATION	F1	E1	PW1	P2, P2A	P3	R1
TYPE	FOUNDATION WALL	EXTERIOR WALL	PARAPET WALL	INTERIOR PARTITION	INTERIOR PARTITION	ROOF ASSEMBLY
FIRE RESISTANCE RATING (F.R.R.)	-	-	-	- 1 HOUR (SB-2)	- 1 HOUR (ULC W453)	-
SOUND TRANSMISSION CLASS (S.T.C.)	-	-	-	-	-	-
CONSTRUCTION (INSIDE) (OUTSIDE)	-200mm CONCRETE WALL	-190mm CONCRETE BLOCK -A.V.B -75mm RIGID INSULATION (R-17c) -25mm AIR SPACE -6 MIL TYKEX WRB MEMBRANE -METAL SIDING C/W 100 THERMALLY BROKEN Z-GIRTS	-2-PLY MOD. BIT ROOFING MEMBRANE, COLD APPLIED -19mm PT. PLY. -75mm RIGID INSULATION (R-17c) -A.V.B -190mm CONCRETE BLOCK -A.V.B -75mm RIGID INSULATION (R-17c) -25mm AIR SPACE -6 MIL TYKEX WRB MEMBRANE -METAL SIDING C/W 100 THERMALLY BROKEN Z-GIRTS	-140mm CONCRETE BLOCK SAME AS P2 WITH 190mm CONCRETE BLOCK	-16 FIRECODE CORE ABUSE-RESISTANT GYPSUM BOARD -13 RESILIENT CHANNEL @600 O.C -92 METAL STUDS @ 400 O.C. W/89 SOUND BATT INSULATION BETWEEN STUDS -16 FIRECODE CORE ABUSE-RESISTANT GYPSUM BOARD	-2-PLY MOD. BIT ROOFING MEMBRANE, COLD APPLIED -13 COVERBOARD -TAPERED INSULATION (2% SLOPE) -178mm POLYISO RIGID INSULATION (Min. R35 c) -SELF-ADHERED ROOF VAPOUR RETARDER -13 FIBRE BOARD (THERMAL UNDERLAYMENT) -METAL DECKING

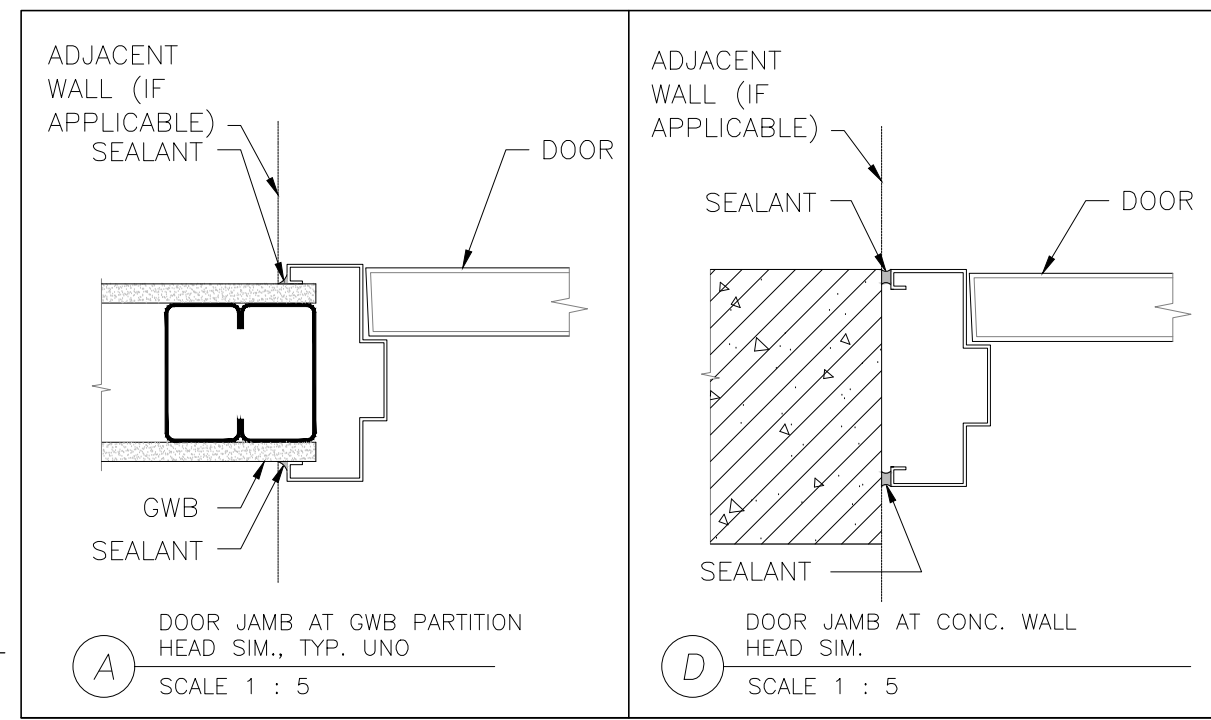
7 DOOR SCHEDULE  
A0.2 1:50

ROOM NUMBER	NAME	DOOR / SCREEN NUMBER	SIZE	TYPE	MAT'L	FINISH	GLASS	FRAME TYPE	TYPE	MAT'L	FINISH	FIRE RATING	REMARKS
136A	ELEVATOR MACHINE ROOM	D136A	965 X 2135	A	HM	PT	-	F1	HM	PT	-	45 MIN.	
211	EX. CLASSROOM	D211	EX.	EX.	EX.	ST	-	F1	HM	PT	-	-	REUSE EX. DOOR PANEL & HARDWARE FROM EX. CLASSROOM 211 G.C. TO SITE VERIFY EX. DOOR SIZE FOR NEW R.O.
203A	B.F. WASHROOM	D203A	1015 X 2135	A	SCWD	ST	-	EX.	EX.	ST	-	-	REUSE EX. DOOR HARDWARE. NEW DOOR PANEL ON EX. DOOR FRAME.

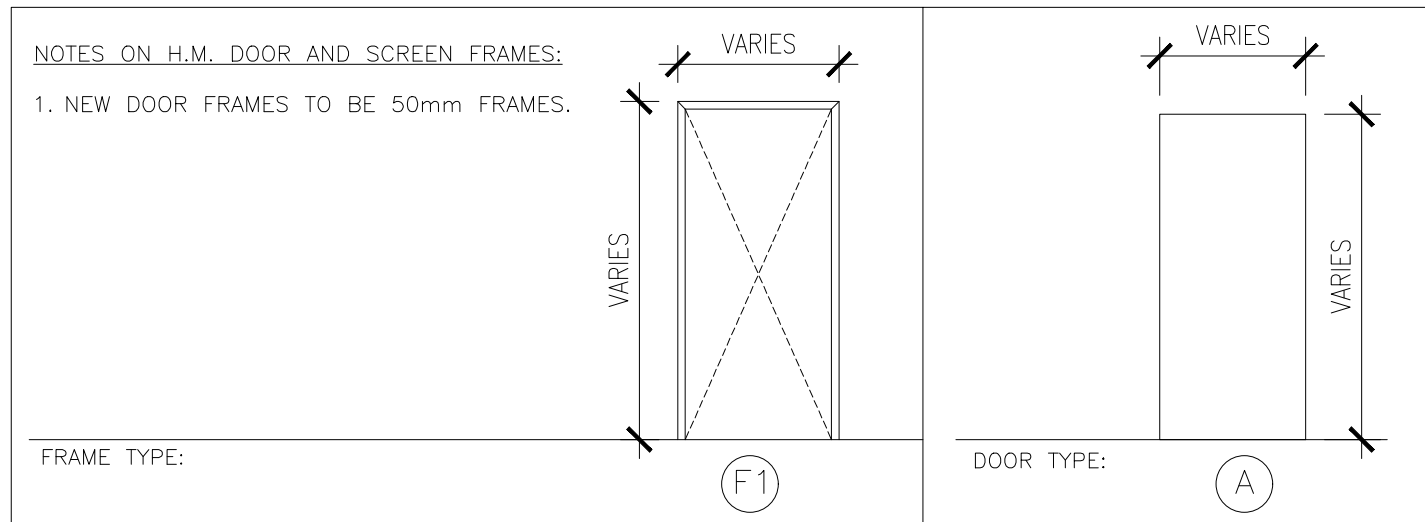
LEGEND: EX. - EXISTING  
ST - STAINED  
PT - PAINTED  
SCWD - SOLID CORE WOOD DOOR

HM - HOLLOW METAL  
MIN - MINUTES

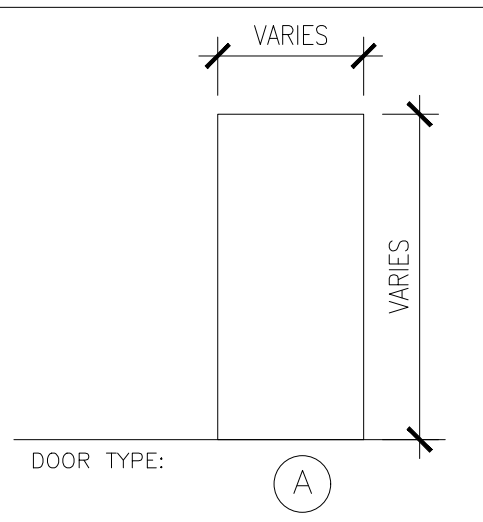
6 FRAME DETAILS  
A0.2 1:5



5 FRAME TYPE  
A0.2 1:100



4 DOOR TYPE  
A0.2 1:100



**LEGEND**

**EXIT & EGRESS**

TRAVEL DISTANCE 45m

EXIT DESIGNATION (STAIR OR DOOR) E1, T47

EXIT CAPACITY (PERSONS)

EXIT DOOR & DIRECTION OF TRAVEL

EXIT ENCLOSURE

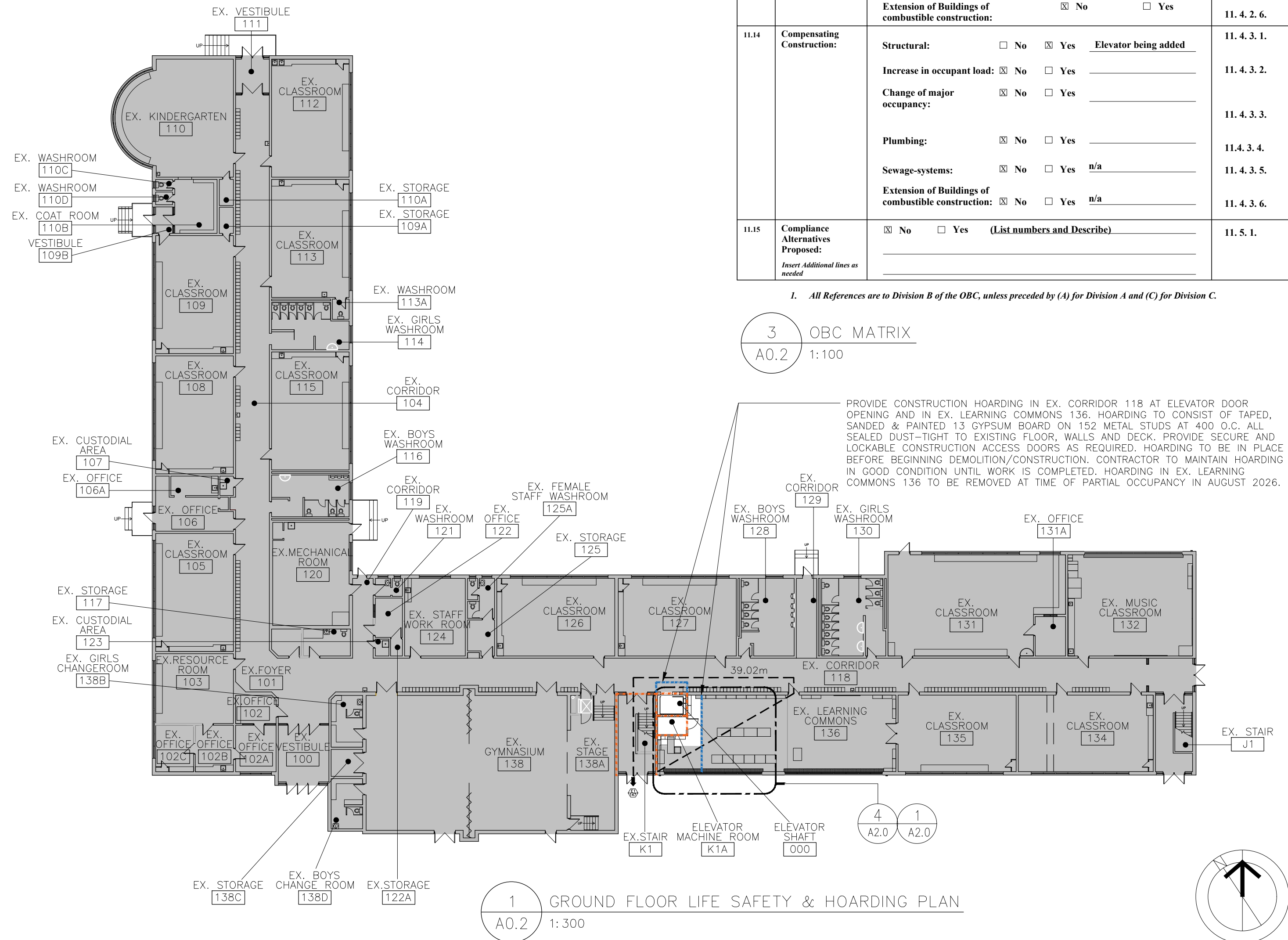
**FIRE SEPARATIONS**

1 HR

<b>Name of Practice:</b> GS   GACESA SLOTE ARCHITECTS INC. 118 James Street North, Suite 300 Hamilton, ON, L8R 3K7 Tel: 905-297-0863 Ex-1		<b>Name of Project:</b> Alterations to HWDSB Norwood Park Accessibility Upgrades	
<b>Location:</b> 165 Terrace Dr, Hamilton, ON, L9A 2Z2		<b>Date:</b> November 2025	
<b>2024 Ontario Building Code Data Matrix</b> <b>Part-11 Renovation</b>			<b>Building Code Reference (i)</b>
11.00	<b>Building Code Version:</b>	<b>O. Reg. 163/24</b>	<b>Last Amendment - O. Reg. 447/24</b>
11.01	<b>Project Type :</b>	<input type="checkbox"/> Addition <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Addition and Renovation <input type="checkbox"/> Change of use <b>Description :</b> Existing Use Institutional (Group A2)	[A] 1.3.3.3B.
11.02	<b>Major Occupancy Classification :</b>	<b>Occupancy</b> A2 <b>Use</b> Institutional	3.1.2.1.(1), 3.2.1.1., 2.1.4.1.(1), & 11.2.1.
11.03	<b>Superimposed Major Occupancies :</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <b>Description :</b>	11.2.3.2.2.5. to 3.2.2.8., & 2.2.1.
11.04	<b>Building Area (m²)</b>	<b>Description :</b> Existing New Total Ground floor 2787.56 0 2787.56 Second floor 1011.83 0 1011.83 Total 3799.39 0 3799.39	[A] 1.4.1.2., 3.2.1.1., 2.2.2.2., & 11.3.
11.05	<b>Building Height</b>	2 Storeys above grade 8.67 (m) Above grade 0 Storeys below grade	[A] 1.4.1.2., 3.2.1.1., 2.2.2.2., & 11.3.
11.06	<b>Number of Streets/ Firefighter access :</b>	2 Street(s)	3.2.2.10., 3.2.5., 2.2.4.1., & 11.3.
11.07	<b>Building Size</b>	<input type="checkbox"/> Small <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> > Large	11.2.1.1., T.11.2.1.1.B-N
11.08	<b>Existing Building Classification</b>	<b>Change in Major Occupancy :</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not-Applicable (no change of major occupancy) <b>Construction Index :</b> - <b>Hazard Index :</b> - <b>Importance Category :</b> <input type="checkbox"/> Low <input checked="" type="checkbox"/> Normal <input type="checkbox"/> High <input type="checkbox"/> Post disaster	10.1.1.2., 11.2.1.1., T.11.2.1.1.A T.11.2.1.1.B to N 4.1.2.1.(3), 2.3.1.1., & 5.2.2.1.(2)
11.09	<b>Renovation Type:</b>	<input type="checkbox"/> Basic Renovation <input checked="" type="checkbox"/> Extensive Renovation	11.3.3.1. & 11.3.3.2.
11.10	<b>Occupant Load</b>	<b>Floor Level/Area</b> <b>Occupancy Type</b> <b>Based On Load (Persons)</b> <b>Occupant Load (Persons)</b> LEVEL 1 A2 Design EXISTING LEVEL 2 A2 Design EXISTING TOTAL EXISTING	3.1.17., 2.1.2.2., & 11.4.2.2.
11.11a	<b>Plumbing Fixture Requirements</b>	1 B.F. Washroom added	3.7.4., 11.3.4., 11.3.5., 11.4.2.4., & 11.4.2.5.
11.12	<b>Barrier-free Design Entrances:</b>	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Existing Number 2 Ex. East entrance & Ex. South entrance	11.3.1.2., 11.3.2., 11.3.3.2.
11.13	<b>Reduction in Performance Level:</b>	<b>Structural:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <b>By Increase in occupant load:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <b>By Change of major occupancy:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <b>Plumbing:</b> <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <b>Sewage-systems:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <b>Extension of Buildings of combustible construction:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.1., 11.4.2.2., 11.4.2.3., 11.4.2.4., 11.4.2.5., 11.4.2.6.
11.14	<b>Compensating Construction:</b>	<b>Structural:</b> <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Elevator being added <b>Increase in occupant load:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <b>Change of major occupancy:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <b>Plumbing:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <b>Sewage-systems:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes n/a <b>Extension of Buildings of combustible construction:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes n/a	11.4.3.1., 11.4.3.2., 11.4.3.3., 11.4.3.4., 11.4.3.5., 11.4.3.6.
11.15	<b>Compliance Alternatives Proposed:</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (List numbers and Describe)	11.5.1.

1. All References are to Division B of the OBC, unless preceded by (A) for Division A and (C) for Division C.

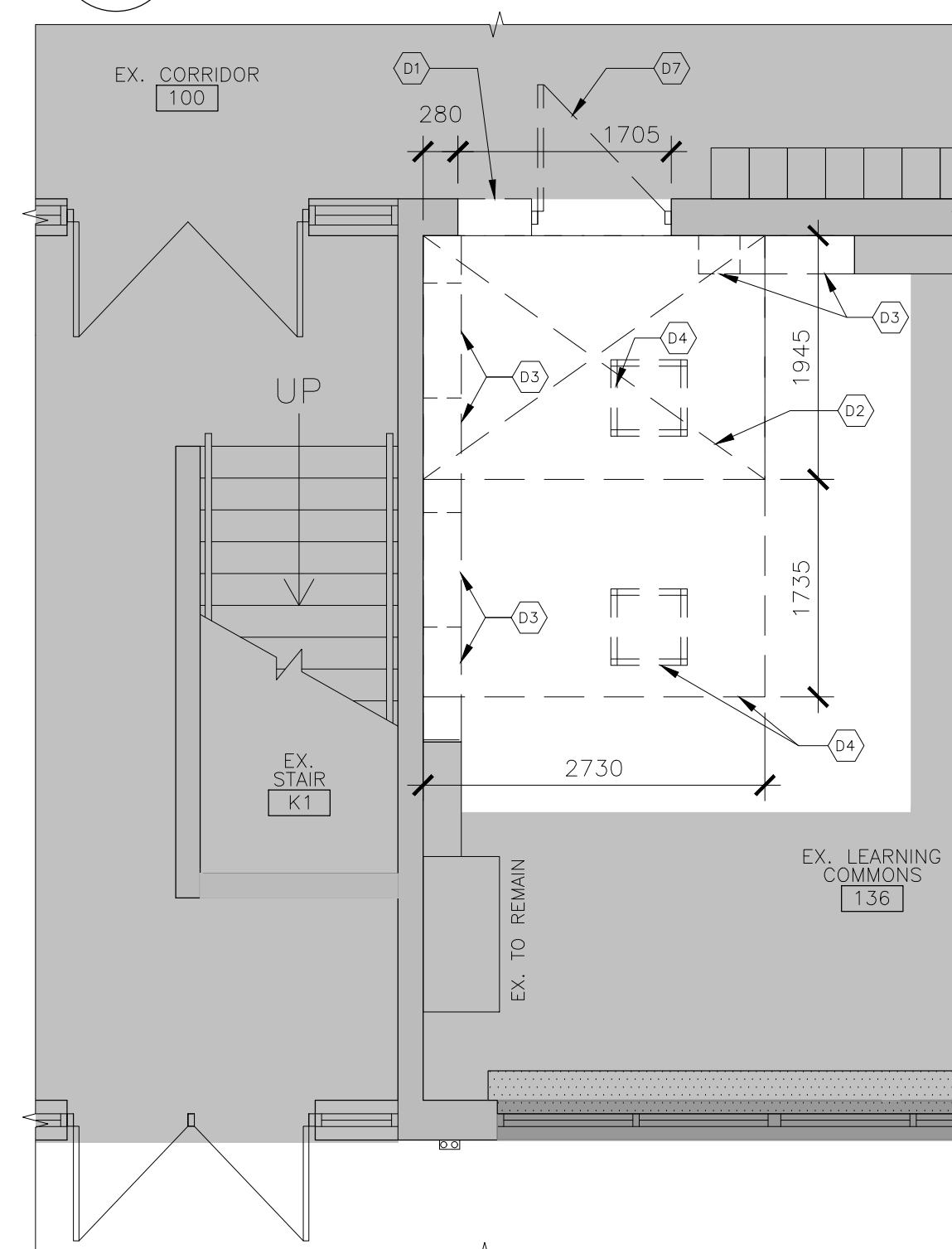
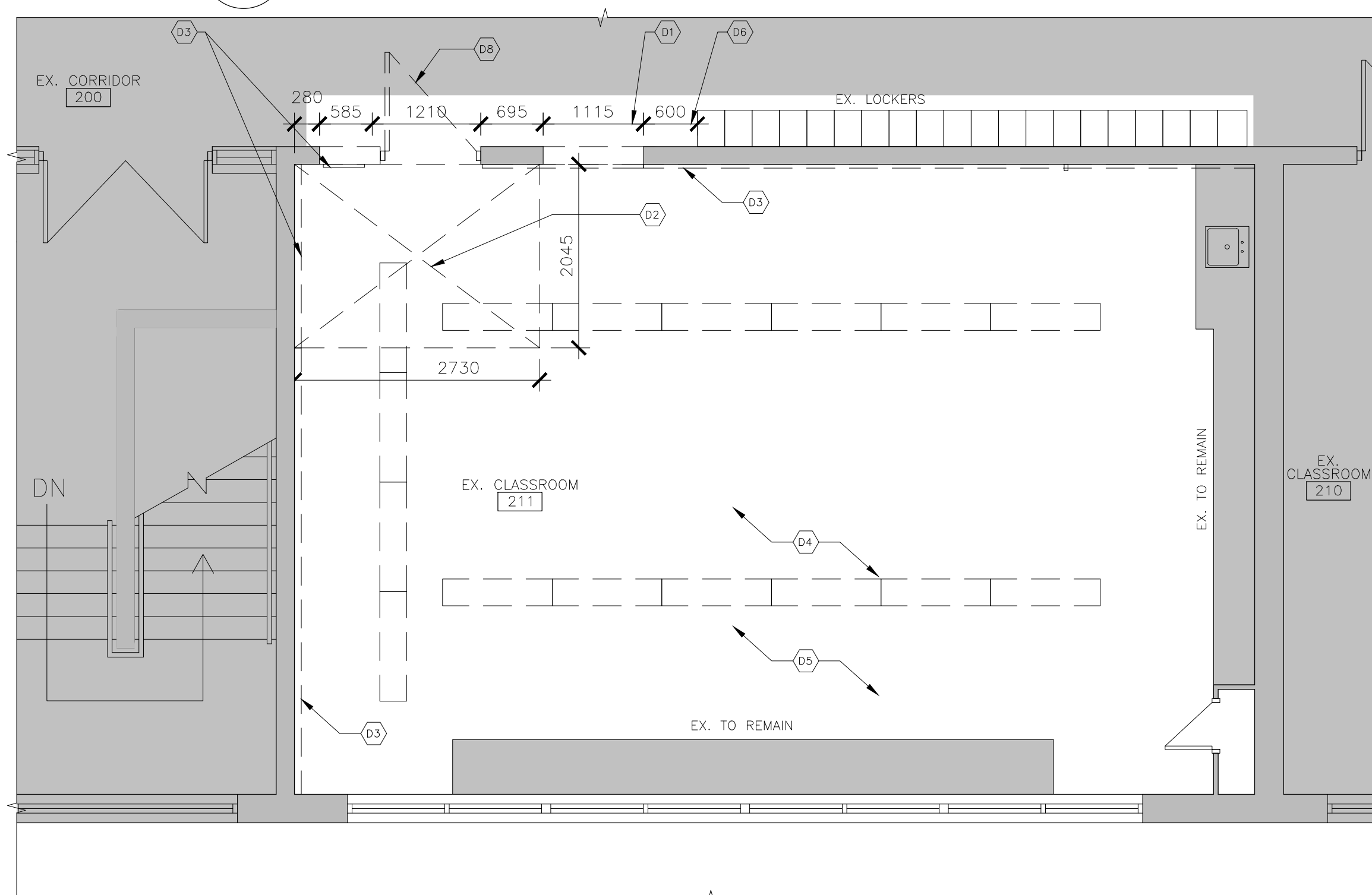
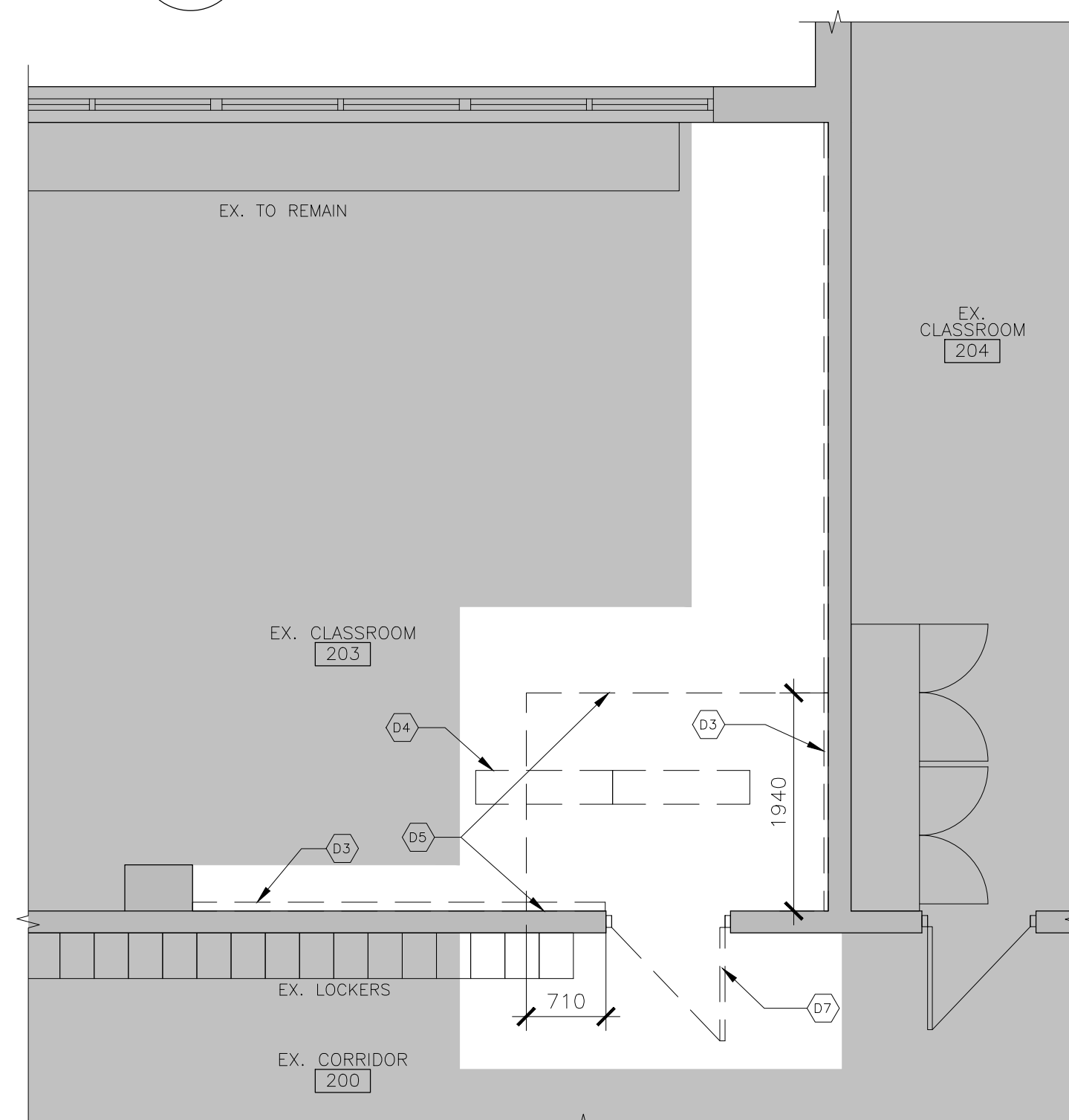
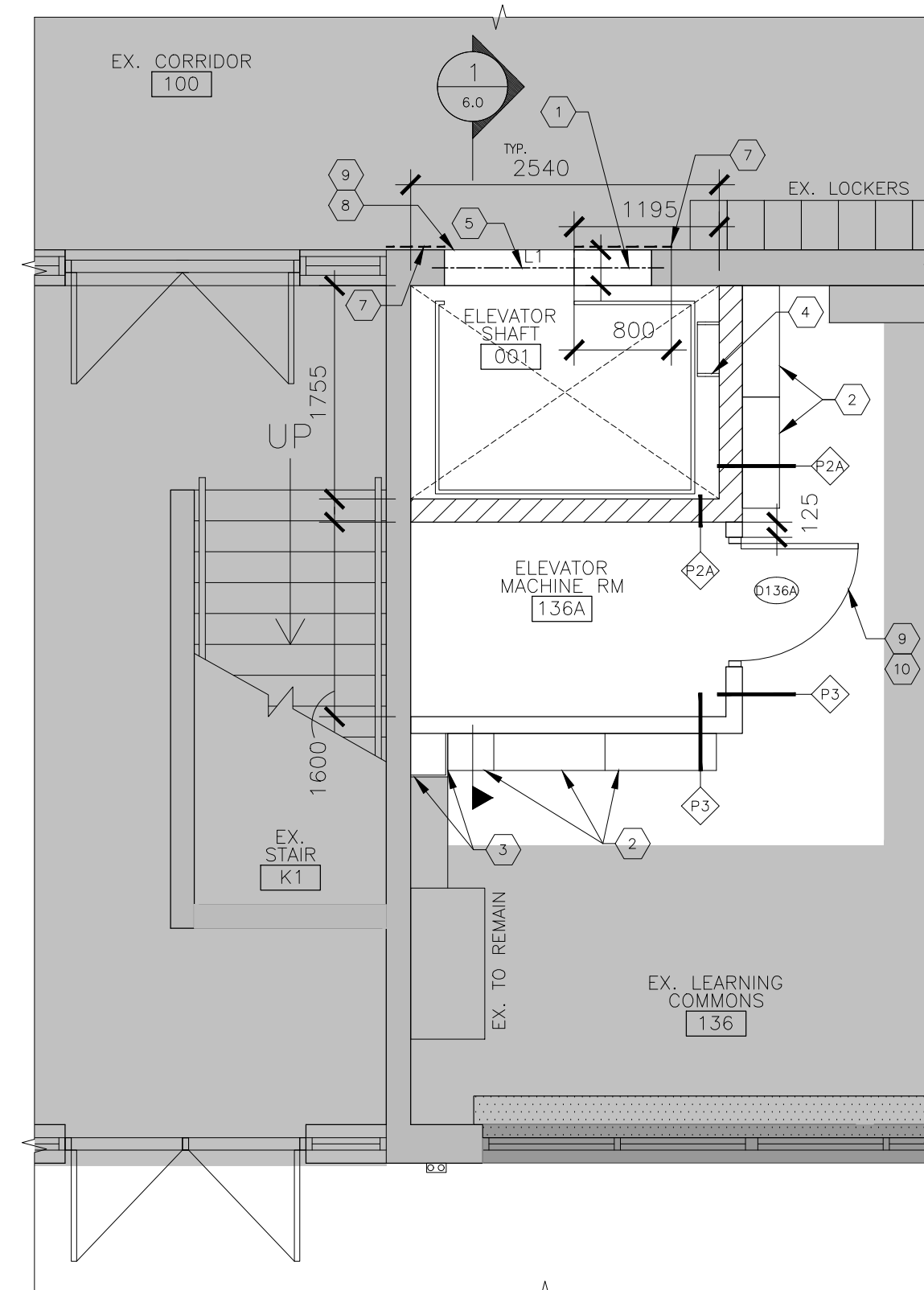
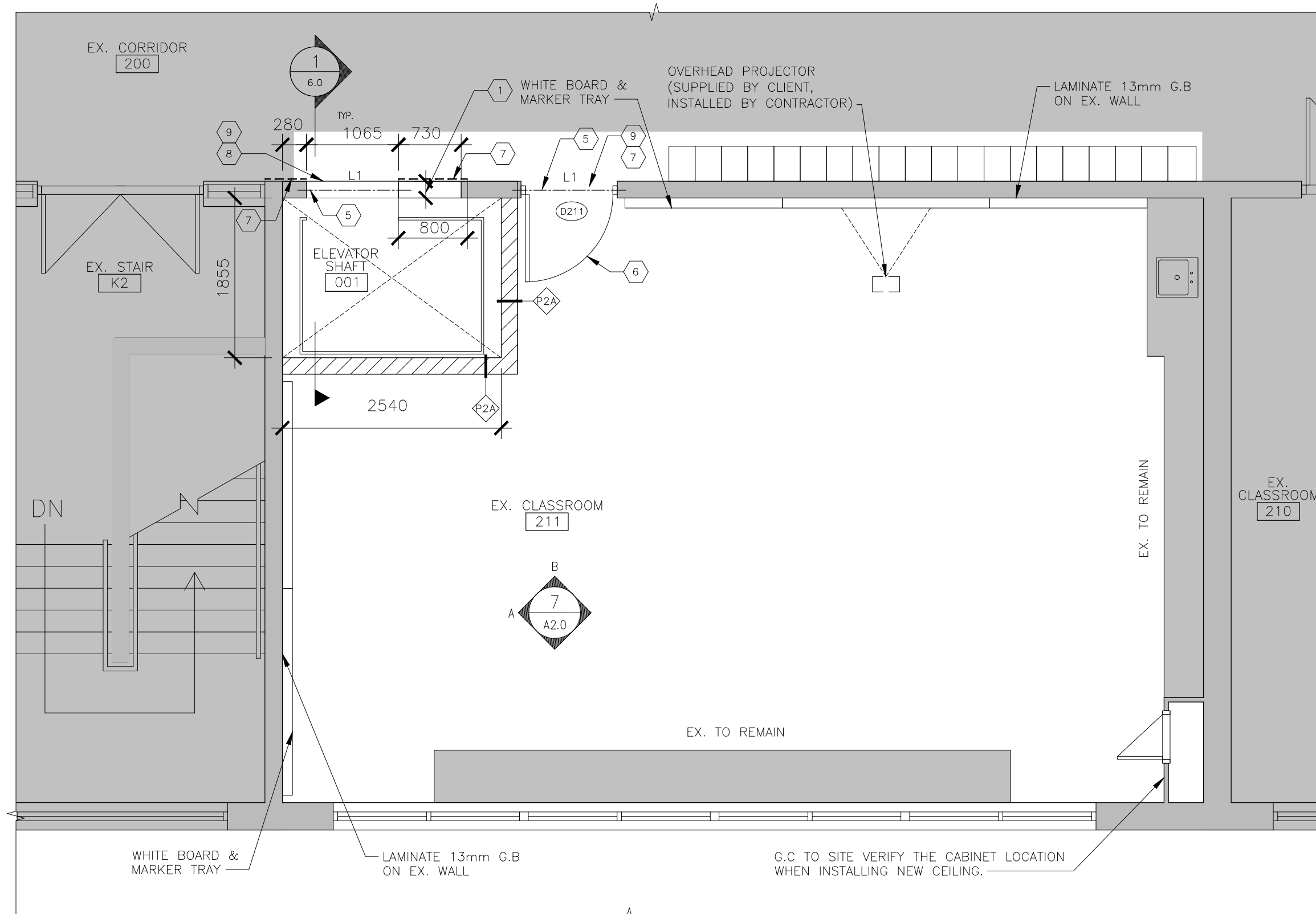
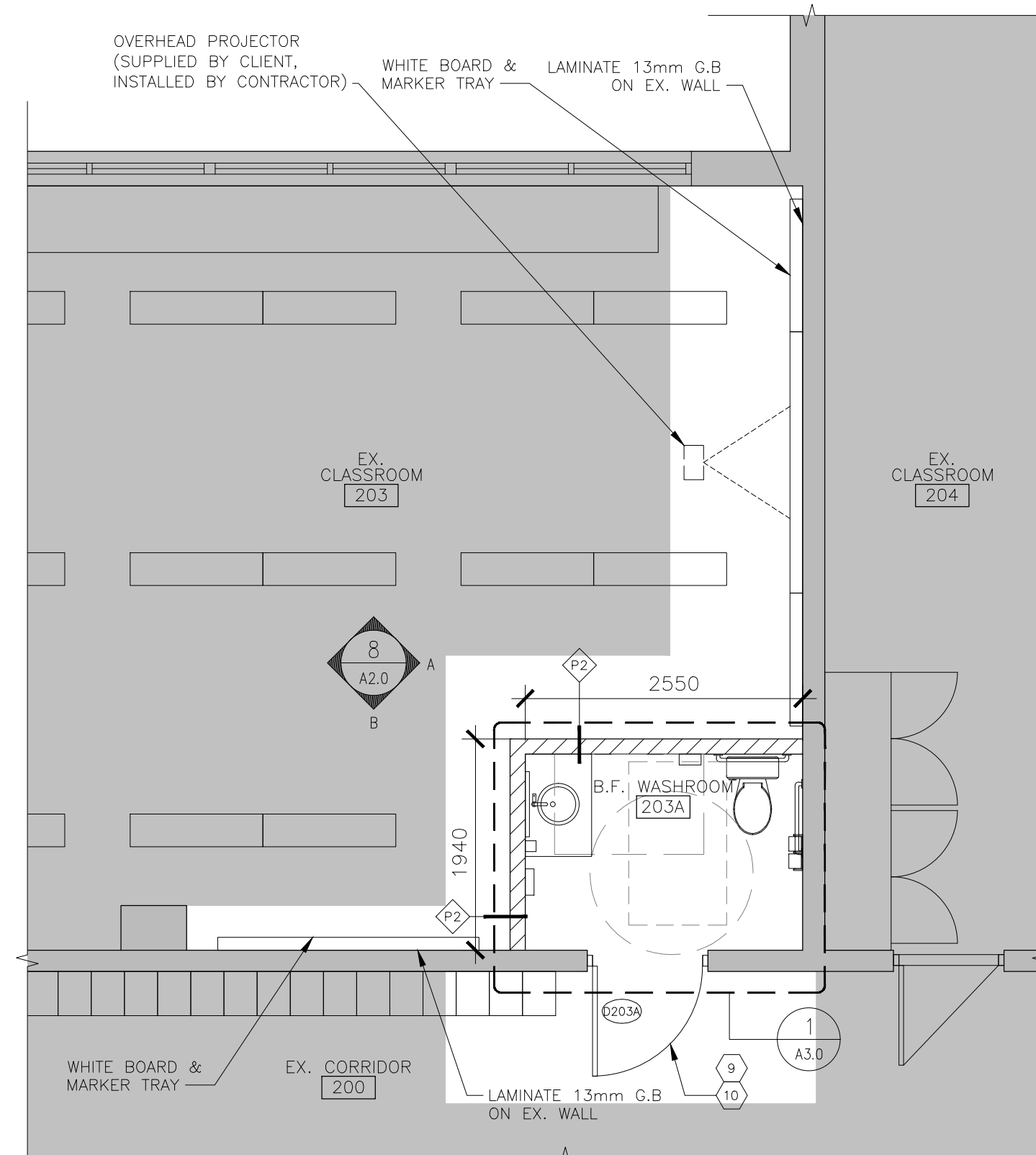
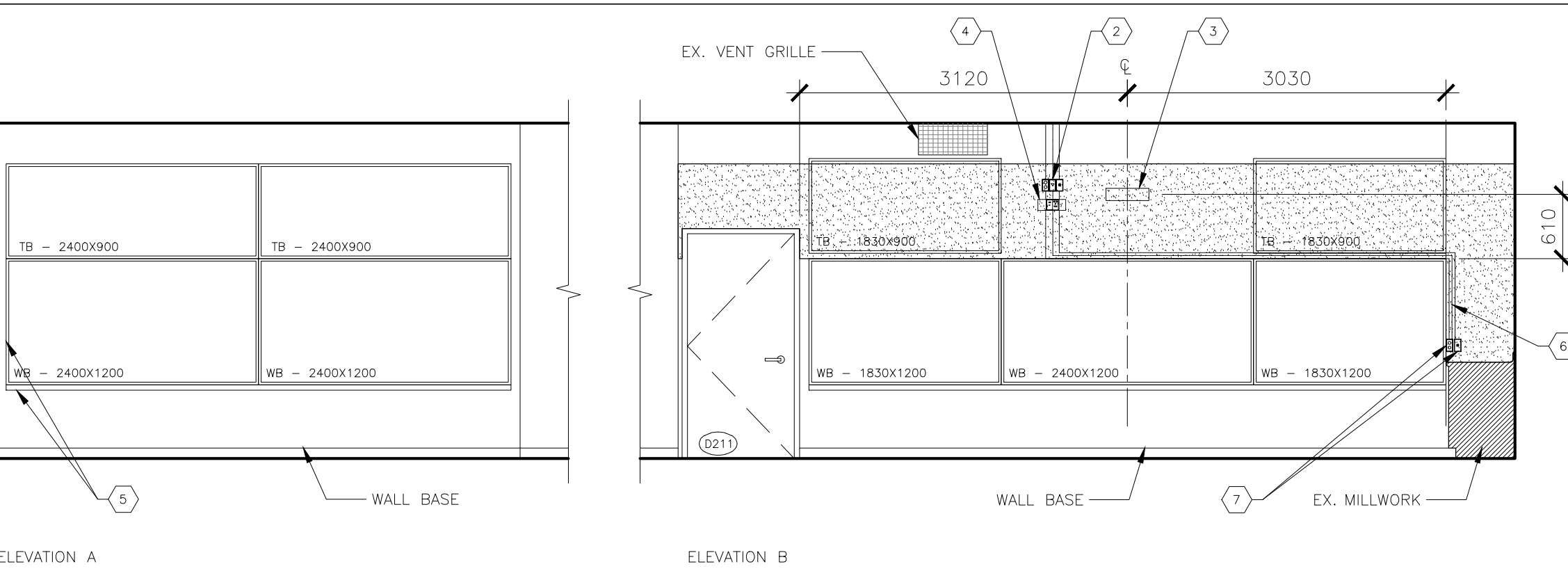
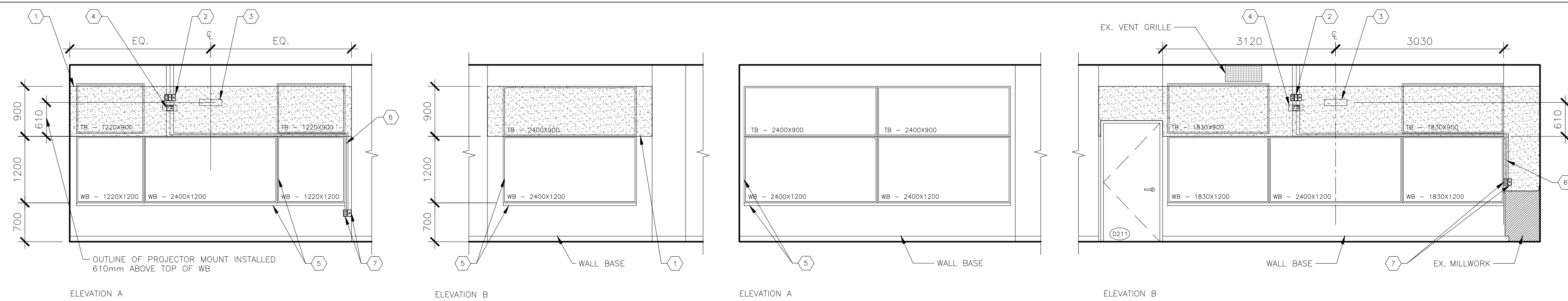
3 OBC MATRIX  
A0.2 1:100











- |          |                       |
|----------|-----------------------|
| SD       | SOAP DISPENSER        |
| PTD      | PAPER TOWEL DISPENSER |
| ND       | NAPKIN DISPOSAL       |
| GB-1 & 2 | GRAB BAR              |

- ## INTERIOR ELEVATION KEYNOTES

- |                                     |   |
|-------------------------------------|---|
| NOTE: ALL KEYNOTES MAY NOT BE USED. |   |
| 1                                   | NEW WALL TYPE AND THICKNESS TO MATCH EXISTING.  |
| 2                                   | RELOCATED EX. SHELVING.   |
| 3                                   | INSTALL GYPSUM BOARD FILLER PANELS.   |
| 4                                   | PIT ACCESS LADDER   |
| 5                                   | L1 = LINTEL. REFER TO STRUCTURAL.   |
| 6                                   | RE USE EX. DOOR PANEL & HARDWARE FROM EX. CLASSROOM 211. PATCH & REPAIR ALL DAMAGED SURFACES. |
| 7                                   | INSTALL WALL CERAMIC TILE (CT-C). HEIGHT 2440 FFL.  |
| 8                                   | PROVIDE TERRAZZO FLOOR PATCHING TO MATCH ADJACENT EX. FLOOR.                                  |
| 9                                   | SIGNAGE: DOOR FRAME TAG/ TYPE 3   |
| 10                                  | SIGNAGE: ROOM I.D./ TYPE 6-15   |

- #### PLAN NOTES

1. LOCATE DOOR FRAMES 50mm FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
2. PATCH AND MAKE GOOD AT ALL JUNCTION OF NEW AND EXISTING WORK.
3. PATCH AND MAKE GOOD ALL DISTURBED SURFACES.

 **GAGER & SLATER**  
**ARCHITECTS**

---

**GS**

TEL. 905-297-0863  
118 JAMES ST. NORTH, SUITE 300, HAMILTON, ONTARIO L8R 2K7

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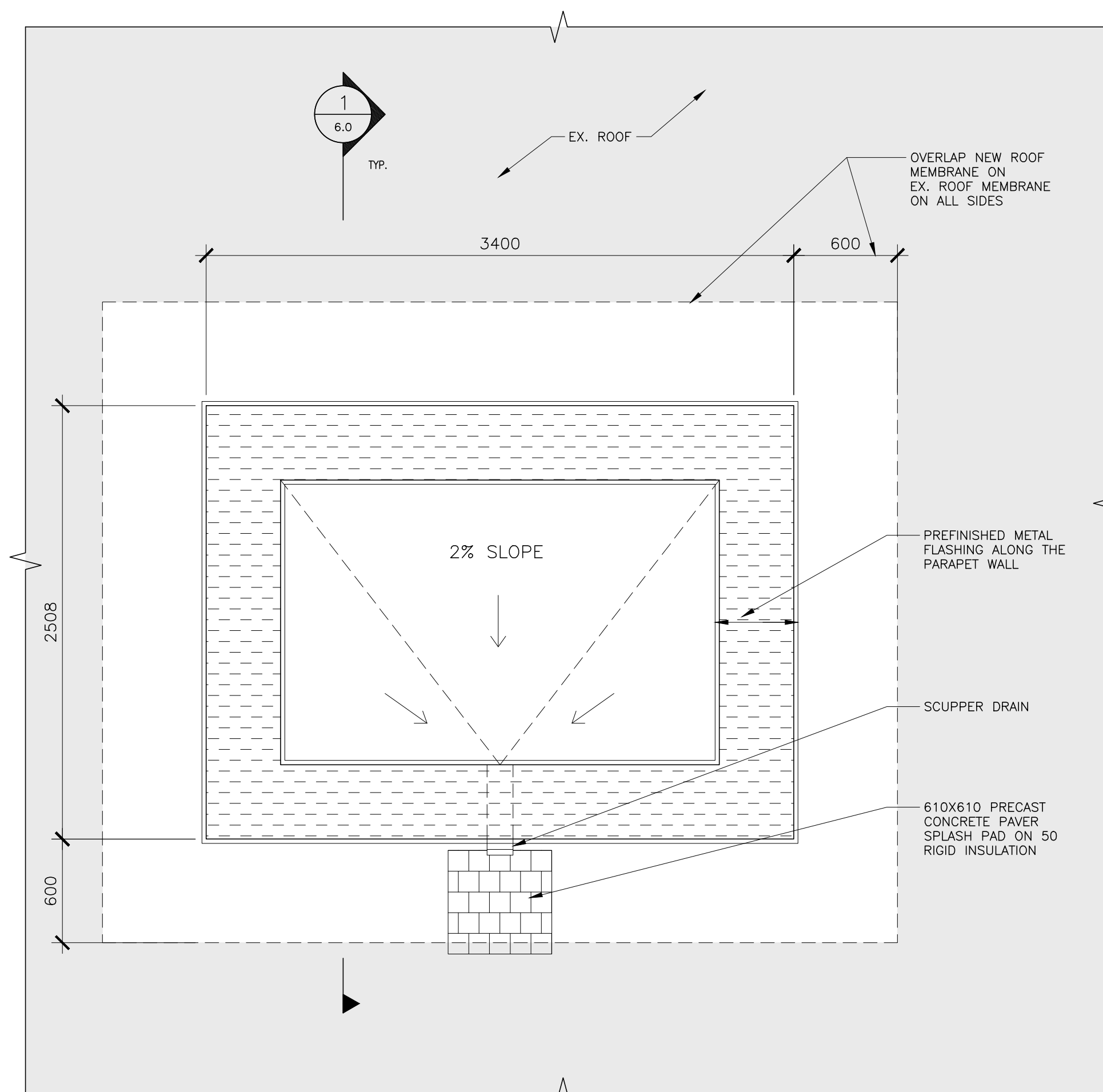
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**HWDSB Norwood Park**  
**Accessibility Upgrades**  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

Dwg. Title:

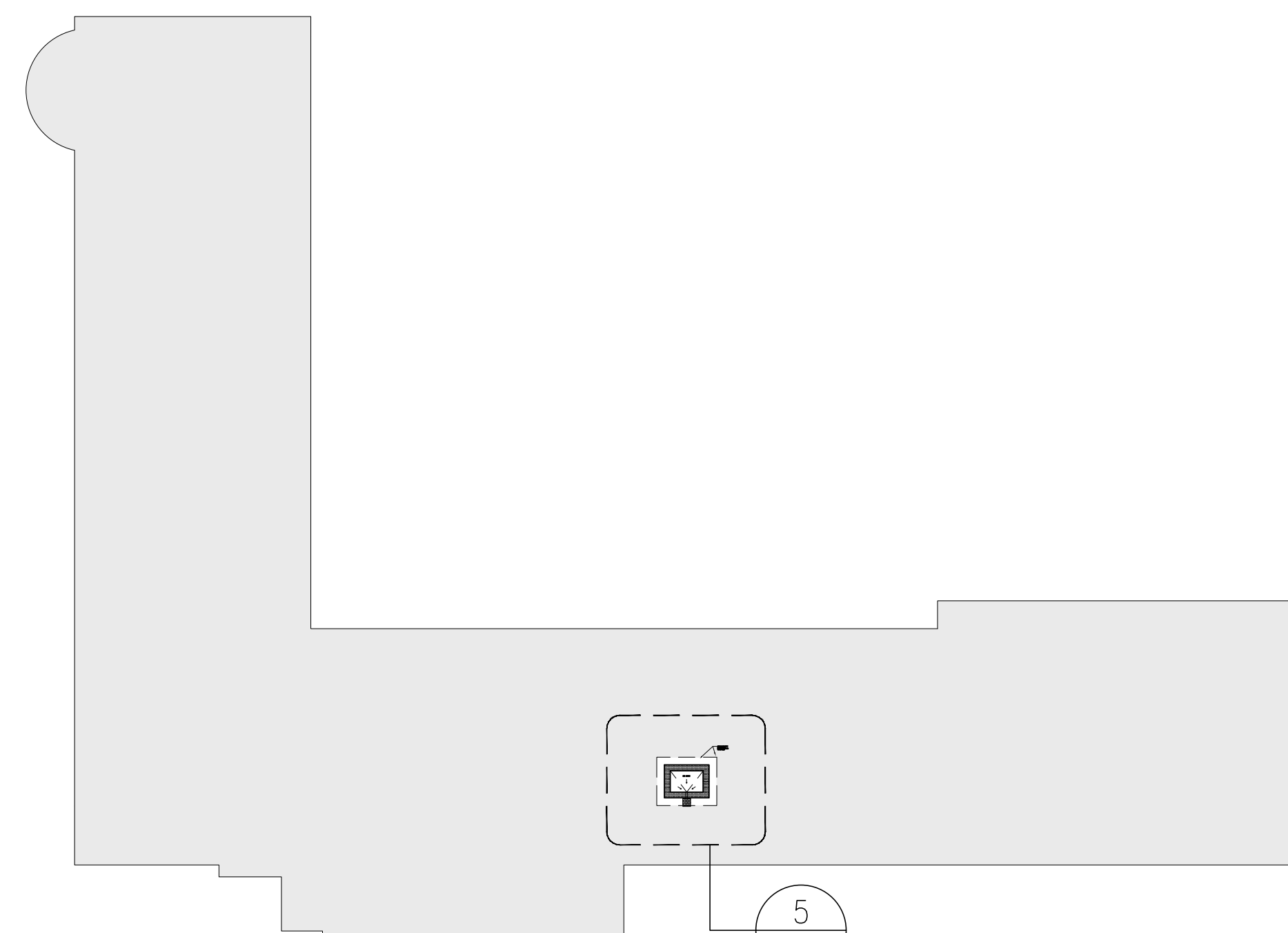
Demolition &  
New Floor Plans  
Interior  
Elevations

Drwn:	Chkd:	SG
Proj. No.: 25027		
Scale:	As noted	
Date:	2026 01 20	

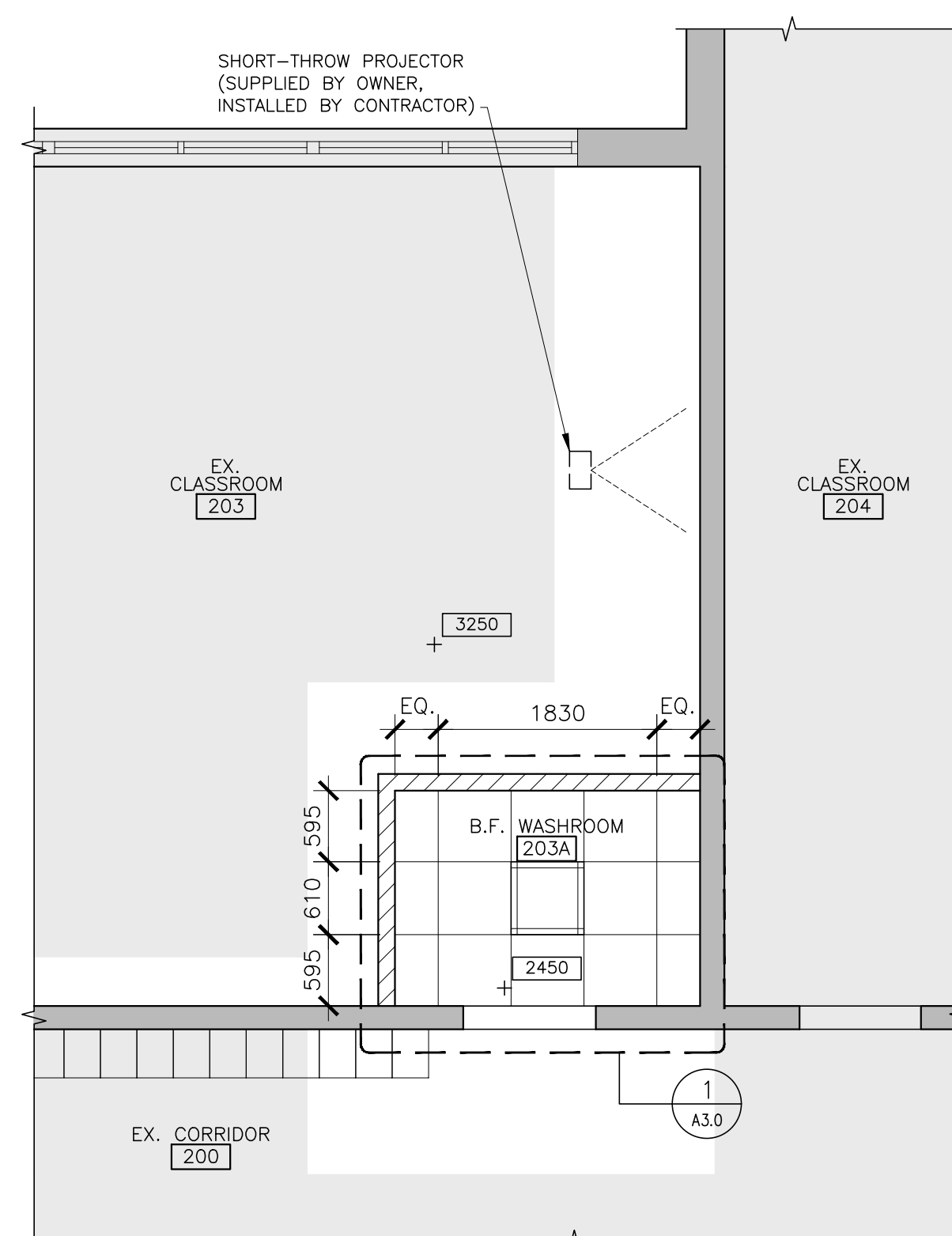
Drawing No.:  
**A2.0**



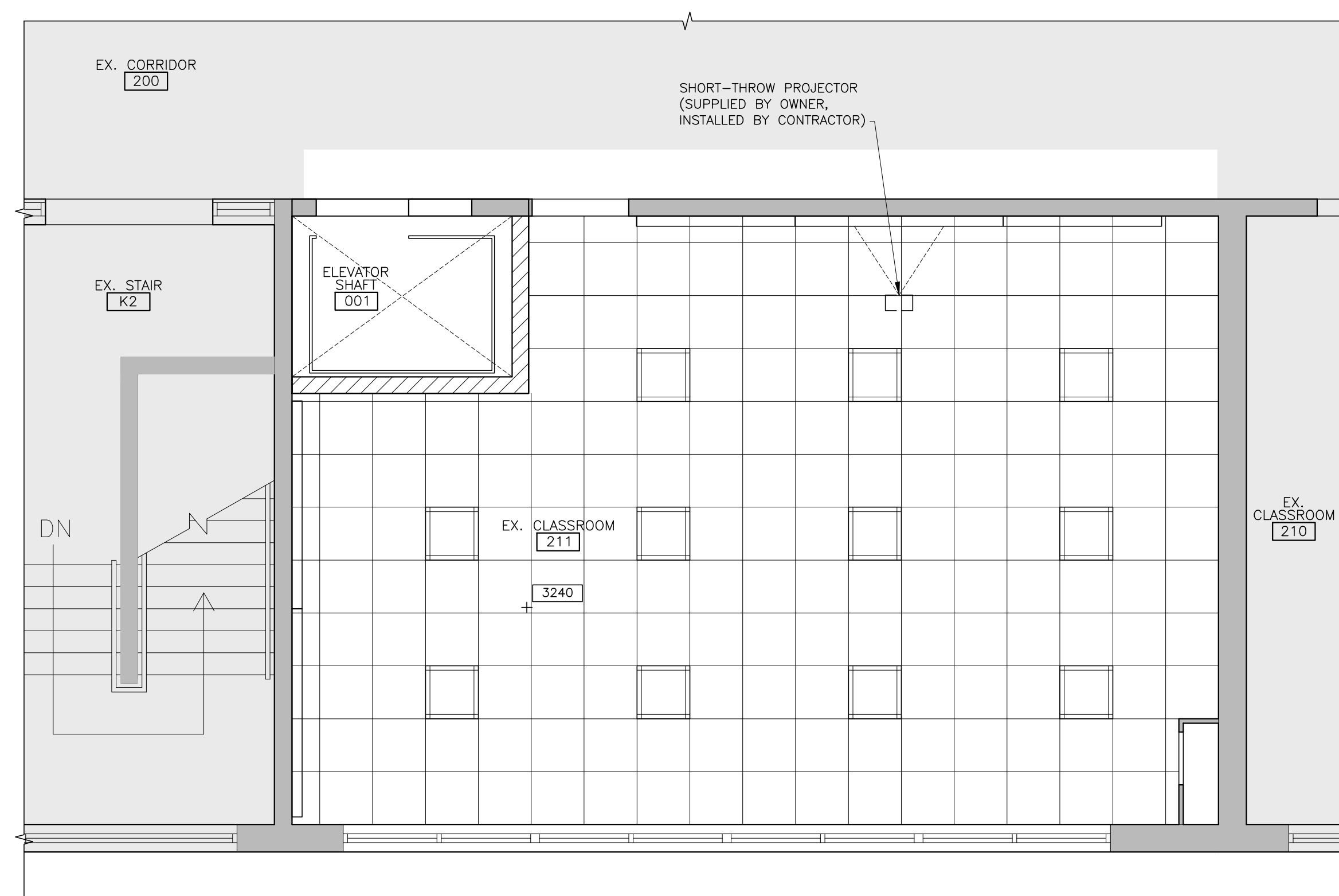
5 PENTHOUSE ROOF PLAN  
A2.1 1:25



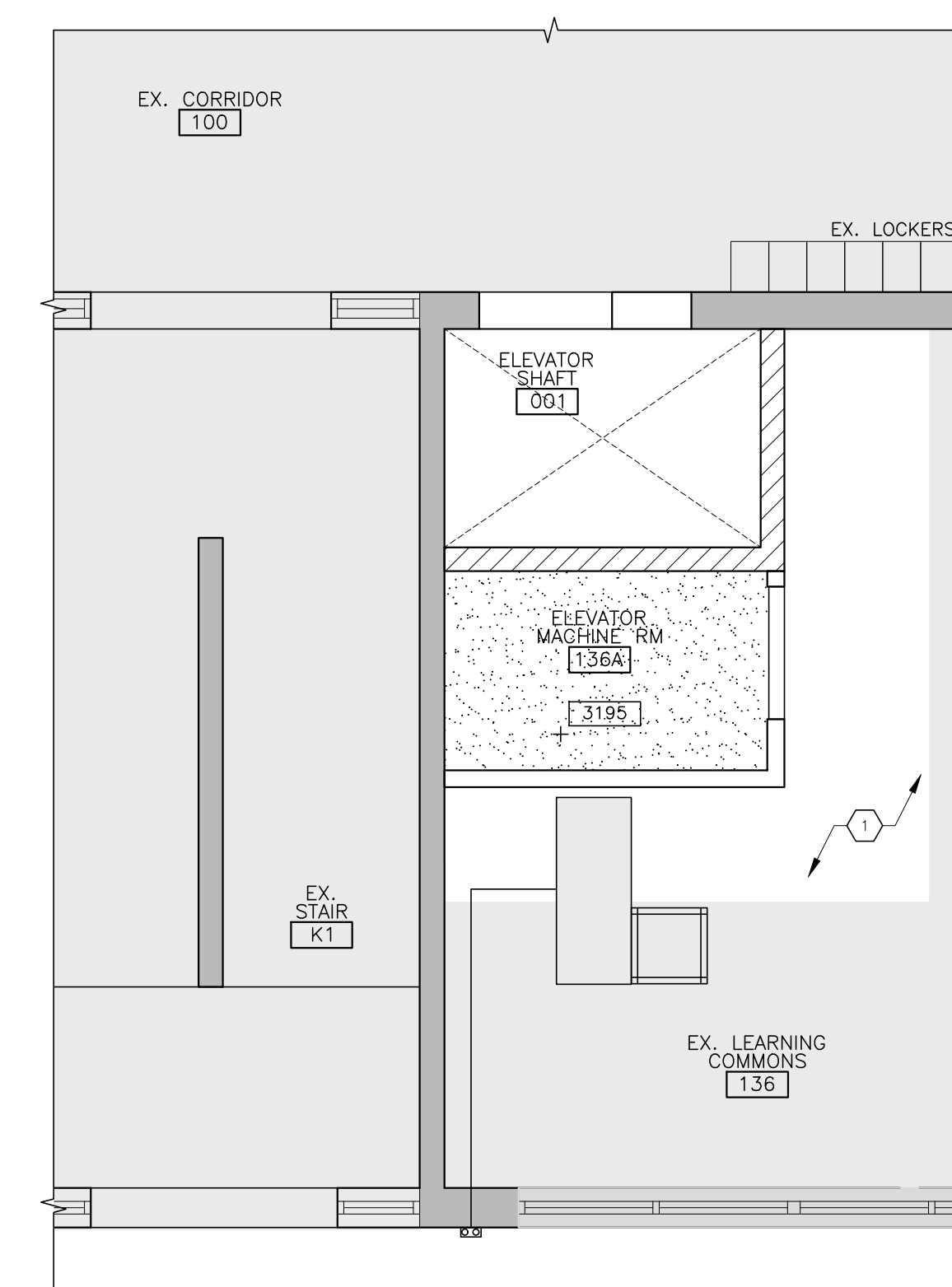
4 PENTHOUSE ROOF - KEY PLAN  
A2.1 1:400



3 B.F. WASHROOM 203A  
SECOND FLOOR - RCP  
A2.1 1:50



2 EX. CLASSROOM 211  
SECOND FLOOR - RCP  
A2.1 1:50



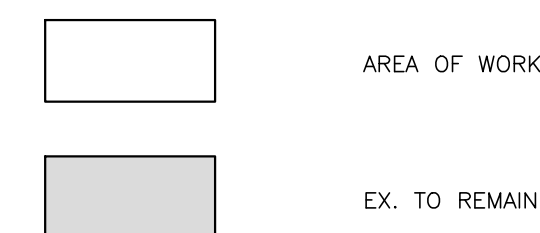
1 EX. LEARNING COMMONS 136  
GROUND FLOOR - RCP  
A2.1 1:50

#### PLAN KEYNOTES

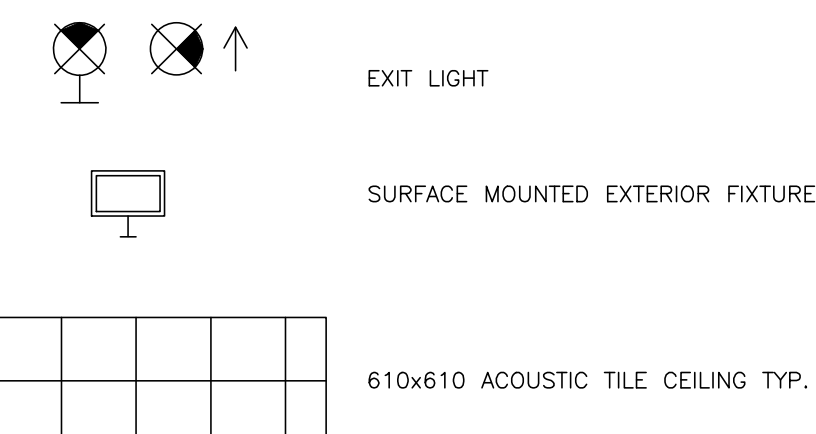
NOTE: ALL KEYNOTES MAY NOT BE USED

1 REINSTALL EXISTING CEILING TILES REMOVED FROM DEMOLITION WORK.

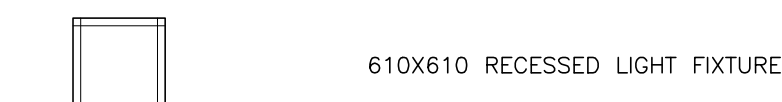
#### HATCH LEGEND



#### RCP LEGEND

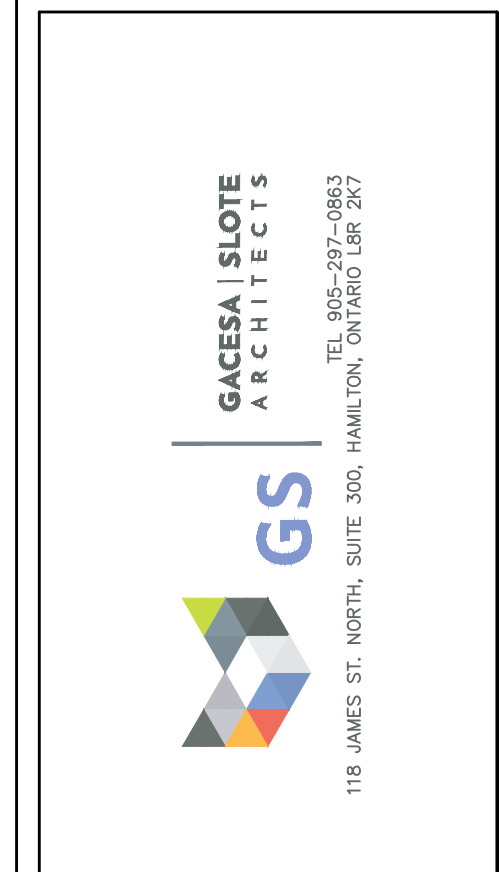


#### LIGHTING LEGEND



#### REFLECTED CEILING PLAN LEGEND

PROVIDE 16mm TYPE 'X' PAINTED GYPSUM BOARD CEILING C/W METAL TRACK TIGHT TO U/S OF LOWEST FIXED ITEMS SUCH AS STRUCTURAL STEEL OR PIPE WORK. GYPSUM CEILING TO PROVIDE 50 MINUTES FIRE- RESISTANCE AS PER SB-2 TABLE 2.3.4.B. AND TABLE 2.3.4.F.



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NOTE: DRAWINGS ARE NOT TO BE SCALED.

No.	Date	Remarks
03	2026-04-10	Issued for Tender
02	2026-02-27	Issued for Permit
01	2025-11-19	Issued for Client Review

Interior Renovations for  
HWDSB Norwood Park  
Accessibility Upgrades  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

Dwg. Title:  
Reflected  
Ceiling Plan &  
Penthouse Plan

Drwn: Chkd: SG  
Proj. No.: 25027  
Scale: As noted  
Date: 2026 01 20

Drawing No.:  
A2.1



Drawing No.:  
**A3.0**



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No.	Date	Remarks

Interior Renovations for  
**HWDSB Norwood Park**  
**Accessibility Upgrades**  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

Dwg. Title:

# Sections & Details

Drwn:	Chkd:	SG
Proj. No.: 25027		
Scale:	As noted	
Date:	2026 01 20	

Drawing No.:  
**A6.0**



GENERAL NOTES

DRAWING NOTES AND INTERPRETATION:

1. READ THESE DRAWINGS IN CONJUNCTION WITH ALL RELATED ARCHITECTURAL, MECHANICAL, ELECTRICAL, CIVIL DRAWINGS AND CONTRACT DOCUMENTS.
2. THE DESIGN, DETAILING, CONSTRUCTION, AND SHORING SHALL CONFORM TO THE LATEST EDITIONS OF THE ONTARIO BUILDING CODE AND THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
3. DO NOT SCALE THE DRAWINGS.
4. ALL DESIGN LOADS INDICATED ARE UNFACTORED UNLESS NOTED OTHERWISE.
5. THE DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT SHALL CONFORM TO THE CURRENT ONTARIO BUILDING CODE AND THE LATEST EDITIONS OF THE LISTED STANDARDS INCLUDING REVISIONS.
6. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND MEASUREMENTS AT THE SITE AND REPORT TO THE ENGINEER ANY DISCREPANCIES OR CONDITIONS WHICH MAY ADVERSELY AFFECT THE PROPER COMPLETION OF THE JOB BEFORE PROCEEDING WITH THE WORK.
7. DESIGN LIVE LOADS SHOWN ON THE DRAWINGS SHALL NOT BE EXCEEDED DURING CONSTRUCTION.
8. IN CASE OF CONFLICT BETWEEN CODES, REFERENCE STANDARDS, DRAWINGS AND OTHER CONTRACT DOCUMENTS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN. ALL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION AND DIRECTION PRIOR TO ORDERING OR PROVIDING ANY MATERIALS OR LABOR. THE CONTRACTOR SHALL BID THE MOST STRINGENT REQUIREMENTS.

SHOP DRAWINGS:

1. SHOP DRAWINGS MUST BE REVIEWED AND STAMPED REVIEWED BY THE GENERAL CONTRACTOR BEFORE SUBMITTING TO THE CONSULTANTS. SHOP DRAWINGS NOT STAMPED BY THE GENERAL CONTRACTOR WILL BE REJECTED. ANY DELAYS IN THE CONSTRUCTION SCHEDULE DUE TO NON-COMPLIANCE WITH THIS REQUIREMENT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
2. CONTRACTORS SHALL PRIORITIZE THE SUBMISSION OF SHOP DRAWINGS FOR REVIEW AND ALLOW 5 BUSINESS DAYS TIME FOR REVIEW BY THE STRUCTURAL CONSULTANT IN ADDITION TO TIME REQUIRED BY OTHER PARTIES.
3. SHOP DRAWINGS MUST BE PRODUCED BY THE RESPECTIVE SUB-TRADES. THE USE OF STRUCTURAL DRAWINGS AS SHOP DRAWINGS IS NOT ACCEPTABLE AND WILL BE REJECTED.
4. SUBMIT SHOP DRAWINGS AS PER THE FOLLOWING TABLE:

ITEMS	REQ'D PROFESSIONAL ENGINEER STAMP?
CONCRETE MIX DESIGN	NO
CONCRETE REBARS	NO
MASONRY REBARS	NO
STRUCTURAL, COLD-FORM AND MISC. STEEL IF APPLICABLE	YES

TESTING AND INSPECTION

THE FOLLOWING ITEMS REQUIRE TESTING OR INSPECTION BY A CERTIFIED INDEPENDENT TESTING OR INSPECTION AGENCY UNLESS NOTED OTHERWISE. THE AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS TO THE ENGINEER FOR REVIEW.

ITEMS	REQ'D?	COMMENTS
SOIL BEARING CAPACITY	YES	BY SOILS ENGINEER
REINFORCING STEEL PLACEMENT	YES	INSPECT FINAL PLACEMENT
CONCRETE COMPRESSIVE TESTS	YES	MIN. 2 SETS PER CSA 23.2
CONCRETE SLUMP	YES	
WELDED CONNECTIONS	YES	INSPECT ALL FIELD WELDS
MORTAR CUBES	NO	

SHORING AND TEMPORARY STRUCTURES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SAFETY, MEANS, TECHNIQUES AND CONSTRUCTION PROCEDURES AND ALL SHORING AND TEMPORARY WORK AS MAY BE REQUIRED TO BUILD AND COMPLETE THE STRUCTURE IN CONFORMITY WITH CONTRACT DOCUMENTS.
2. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AND SHORING TO KEEP THE STRUCTURE PLUMB AND IN TRUE ALIGNMENT AT ALL PHASES OF THE WORK, UNTIL COMPLETION INCLUDING EXISTING AND NEW MASONRY WALLS, EXISTING AND NEW FLOORS AND ROOF DECKS, ETC.

FOUNDATIONS:

1. FOOTING FOR THE NEW ELEVATOR HAS BEEN DESIGNED FOR A SOIL BEARING CAPACITY OF 150 KPA FOR (SLS) AND 225KPA FOR (ULS). A GEOTECHNICAL ENGINEER SHALL VERIFY SOIL BEARING PRIOR TO PLACING CONCRETE.
2. FOUND THE FOOTING ON A STRATA CAPABLE OF SUPPORTING THE ABOVE NOTED DESIGN BEARING PRESSURES.
3. PROTECT SOIL ADJACENT AND BELOW ALL FOOTINGS FROM FREEZING.
4. PROTECT FOOTINGS, FOUNDATION WALLS, AND SLAB-ON-GRADE AGAINST FREEZING DURING CONSTRUCTION TIME.
5. DO NOT EXCEED A RISE OF 7 IN A RUN OF 10 IN THE LINE OF SLOPE BETWEEN ADJACENT EXCAVATIONS FOR FOOTINGS OR TRENCHES.
6. DO NOT BACKFILL AGAINST WALLS BELOW GRADE UNTIL ALL LATEROALLY SUPPORTING ELEMENTS ARE PROPERLY INSTALLED AND THE SLAB-ON-GRADE IS CAST AND CONCRETE ATTAINED ITS 28-DAY DESIGN COMPRESSIVE STRENGTH. FOR OTHER WALLS BELOW GRADE BACKFILL AND COMPACT SIMULTANEOUSLY ON BOTH SIDES OF THE WALL.

CAST-IN-PLACE-CONCRETE:

1. ALL CONCRETE SHALL BE DESIGNED TO COMPLY WITH THE LATEST EDITION OF CAN/CSA A23.3
2. THE CONSTRUCTION OF CONCRETE SHALL COMPLY WITH THE LATEST EDITION OF CAN/CSA A23.1 AND A23.2.
3. THE 28-DAY CONCRETE COMPRESSIVE STRENGTH, f<sub>c</sub>, SHALL BE AS INDICATED IN THE FOLLOWING TABLE:

	28-DAY STRENGTH (MPa)	EXPOSURE CLASSIFICATION	SLUMP AT DELIVERY (MM)	AIR ENTRAINMENT (%)
FOOTINGS & INTERIOR FOUNDATION WALLS	25	N	75(+/-) 25 3"(+/-) 1"	—
INTERIOR SLAB ON GRADE	25	N	50(+/-) 25 2"(+/-)1" (NOTE 1)	—
MASONRY CELLS FILLING GROUT	15	—	PER CSA A179	—
NON-SHRINK BEARING GROUT	35	—	—	—

NOTES:

1. THIS SLUMP IS BEFORE ADDITION OF SUPERPLASTICIZER. IF SUPERPLASTIZIER IS USED, SLUMP SHALL BE 150(+/-25MM), 6"(+/-)1".
4. THE MINIMUM CONCRETE COVER IN (MM) TO THE REINFORCING BARS SHALL BE AS INDICATED IN THE FOLLOWING TABLE UNLESS AS NOTED IN THE FOLLOWING SENTENCES 5 AND 6.

	EXPOSURE CLASSES N, F1, AND F2	EXPOSURE CLASSES C1, AND C3
FOOTINGS	75(3") TO BOTTOM BARS AND 50 (2") TO TOP BARS	75 TO BOTTOM BARS AND 60 TO TOP BARS
WALLS	40(1.5") TO EXTERIOR SURFACE AND 20 (¾") TO INTERIOR SURFACE	60 (2-⅜")

5. THE MINIMUM CONCRETE COVER SHALL BE EQUAL TO THE REINFORCING BAR DIAMETER FOR EXPOSURE CLASS N, 1.5 TIMES THE BAR DIAMETER FOR CLASSES F1 AND F2, AND 2 TIMES THE BAR DIAMETER FOR CLASSES C1 AND C3.
6. WHERE CONCRETE IS CAST AGAINST EARTH, THE MINIMUM CONCRETE COVER SHALL BE 75MM, (3").
7. REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF CAN/CSA G30.18, GRADE 400W AND 400R, AND SHALL BE DEFORMED BAR UNLESS INDICATED OTHERWISE ON THE DRAWINGS.

MASONRY:

1. MASONRY DESIGN AND CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF:  
C.S.A. S304.1- DESIGN OF MASONRY STRUCTURES  
C.S.A. S371- MASONRY CONSTRUCTION FOR BUILDINGS  
C.S.A. A165 SERIES- CSA STANDARDS FOR CONCRETE MASONRY UNITS  
C.S.A. A179- MORTAR AND GROUT FOR UNIT MASONRY
2. ALL CONCRETE BLOCK SHALL HAVE A MINIMUM NET COMPRESSIVE STRENGTH OF 15 MPa.
3. UNLESS NOTES OTHERWISE,E MORTAR SHALL BE TYPE S.
4. PROVIDE LATERAL RESTRAINT AT THE TOP OF ALL NON-LOAD BEARING PARTITIONS.
5. UNLESS NOTES OTHERWISE, PROVIDE 4.8MM(3/16") BAR DIAMETER GALVANIZED LADDER TYPE BED JOINT REINFORCING IN EVERY SECOND COURSE.
6. UNLESS NOTES OTHERWISE, PROVIDE A BOND BEAM AT THE TOP OF ALL REINFORCED WITH 2-15M CONTINUOUS REBARS.  
  
10M 600MM(24")  
15M 750MM(30")  
20M 950MM(38")  
25M 1100MM(44")
8. PROVIDE ADDITIONAL REINFORCING TO MATCH WALL REINFORCING AT ALL CORNERS, OPENINGS AND IN THE GROUTED CELLS UNDER ALL BEARING PLATES AND LINTELS.
9. UNLESS SHOWN OTHERWISE ON THE DRAWINGS, PROVIDE AND INSTALL LINTELS OVER ALL OPENINGS INCLUDING OPENINGS FOR MECH. IN ACCORDANCE WITH THE TYPICAL LINTEL SCHEDULE SHOWN ON THIS SHEET.

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL SHALL BE DESIGNED IN COMPLIANCE WITH THE REQUIREMENTS OF CSA S16 LATEST (EDITION).
2. ALL STRUCTURAL STEEL SAMPLES SHALL CONFORM TO CSA G40.21.
3. ALL WELDING SHALL CONFORM TO THE LATEST EDITIONS OF CSA W59 AND W47.1.
4. ALL STEEL SHALL BE SHOP PRIMED IN CONFORMANCE WITH CISC STANDARDS 1-73A AND 2-75, EXCEPT FOR INTERIOR STEEL THAT NEEDS TO BE SPRAYED WITH FIRE RESISTIVE MATERIAL AS PER ARCHITECTURAL DRAWINGS.
5. DO NOT CUT OPENINGS IN THE STRUCTURAL STEEL WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.
6. THE CONTRACTOR SHALL PROVIDE AND REMOVE AFTERWARDS PROPER TEMPORARY BRACING TO KEEP THE STRUCTURE TRUE AND PLUMB DURING CONSTRUCTION.
7. UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL BOLTS SHALL BE A MINIMUM 3/4" DIAMETER AND CONFORM TO ASTM A325.
8. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING LAYOUTS, SIZES, MATERIALS, AND CONNECTION DETAILS. SHOP DRAWINGS SHALL BE STAMPED, DATED, AND SIGNED BY A PROFESSIONAL ENGINEER PRACTICING IN ONTARIO.

STEEL LINTELS IN NON-LOAD BEARING WALLS:

WALL THICKNESS	SPAN (MM)	LINTEL SIZE (MM)	DETAILS
90 MM (3-1/2")	UP TO 1200 >1200 TO 1800 >1800 TO 2400 >2400 TO 3000	L90X90X6 L127X90X6 L127X90X8 L150X90X9.5	--- LLV LLV LLV
140 MM (5-1/2")	UP TO 1200 >1200 TO 1800 >1800 TO 2400	2-L64X64X6 2-L90X64X6 2-L90X64X8 W/100X10 PLATE	BACK TO BACK BACK TO BACK, LLV BACK TO BACK, LLV, PLATE WELDED TO U/S OF HORIZONTAL LEGS
190 MM (7-1/2")	UP TO 1200 >1200 TO 1800 >1800 TO 2400 >2400 TO 3000	2-L75X90X6 2-L90X90X6 2-L100X90X8 2-L150X90X8	BACK T BACK, (LLH) BACK TO BACK BACK TO BACK, LLV BACK TO BACK, LLV
240 MM (9-1/2")	UP TO 1200 >1200 TO 1800 >1800 TO 2400 >2400 TO 3000	2-L75X100X6 2-L100X100X6 2-L100X100X9.5 2-L150X100X8	BACK T BACK, (LLH) BACK TO BACK BACK TO BACK BACK TO BACK, LLV
290 MM (11-1/2")	UP TO 1200 >1200 TO 1800 >1800 TO 2400 >2400 TO 3000	3-L75X90X6 3-L90X90X6 3-L100X90X8 3-L127X90X8	INVERTED DOUBLE (T) WITH 90 LEGS HORIZONTAL

NOTES:

1. STITCH WELD BACK TO BACK ANGLES USING 6MM WELD, 50 MM LONG SPACED AT 450MM MAX. OR CONNECT USING 16MM BOLTS AT 450 MM MAX. WITH THE FIRST BOLT LOCATED AT 75 MM FROM THE END OF THE LINTEL
2. ENSURE EVEN BEARING OF STEEL LINTELS BY PROVIDING STEEL PACKING AS REQUIRED.
3. FOR LARGER OPENINGS AND FOR OPENINGS IN LOAD BEARING WALLS, SEE PLANS FOR LINTEL SIZES.

DESIGN LOADS:

LOADS CONSIDERED IN THE DESIGN ARE:  
FLOORS:  
DEAD LOAD: (4" CONCRETE ON STEEL DECK) 3.6 kPa  
LIVE LOAD:  
- ROOMS: 2.4kPa  
- CORRIDORS: 4.8 kPa  
ROOF:  
DEAD LOAD: 1.2 kPa  
SNOW: CALCULATED USING S<sub>s</sub>=1.3KPA AND S<sub>r</sub>=0.4KPA.  
IMPORTANCE FACTOR: I<sub>s</sub>=1.15  
WIND: CALCULATED USING q(½h) = 0.46kPa. IMPORTANCE FACTOR I<sub>w</sub>=1.15  
MASONRY WALLS: (8" BLOCK) 2.6 kN/m2.  
ELEVATOR HOIST BEAM:  
34 kN (7500 Lbs.) POINT LOAD PLACED ANYWHERE ALONG THE SPAN OF THE BEAM.



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Renovations to  
HWDSB Norwood Park  
Accessibility Upgrades  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

Dwg. Title:

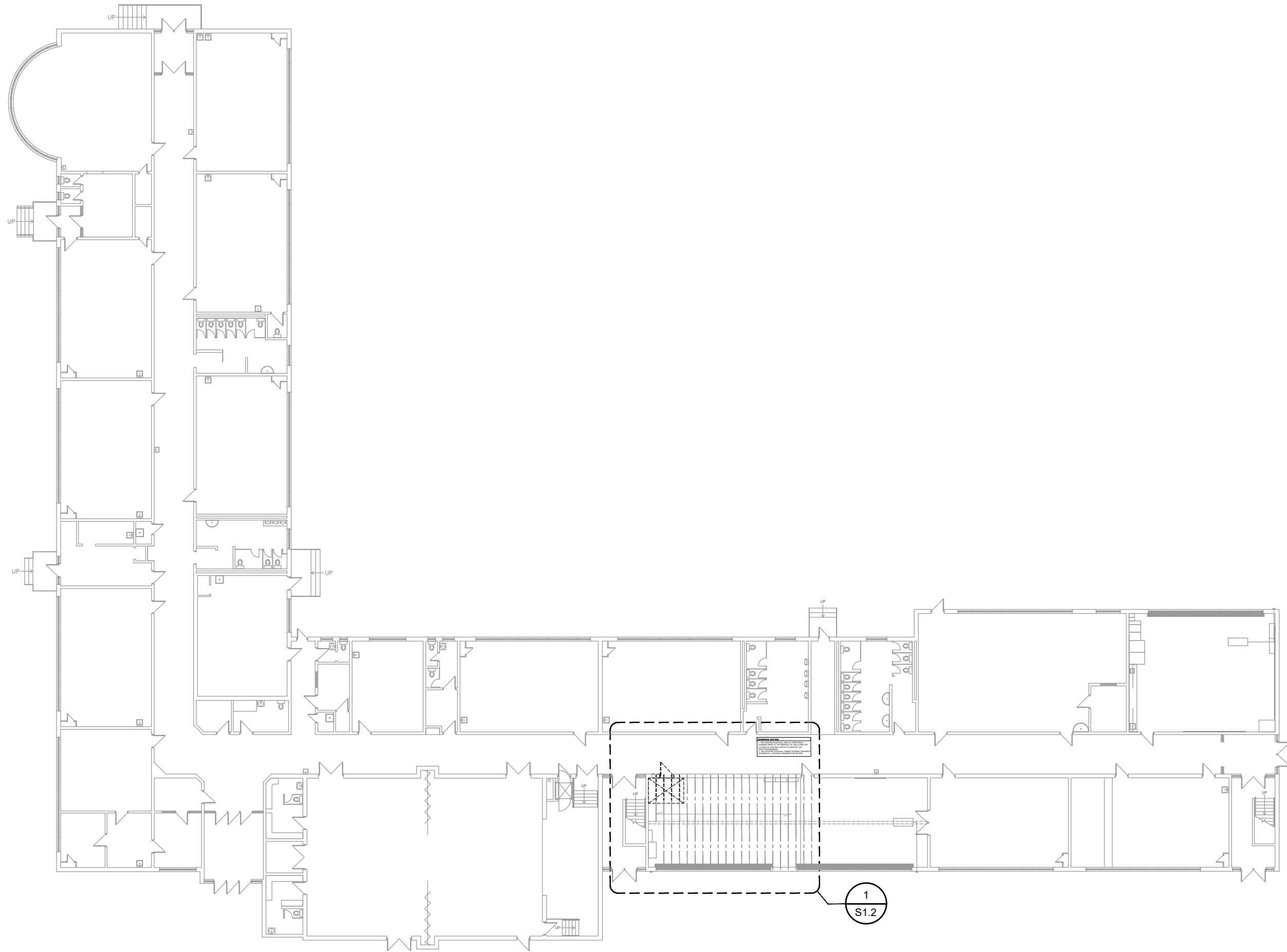
GENERAL  
NOTES

Drwn: S.K.	Chkd: S.S.
Proj. No.: 14019	
Scale: As noted	
Date: JAN, 2026	

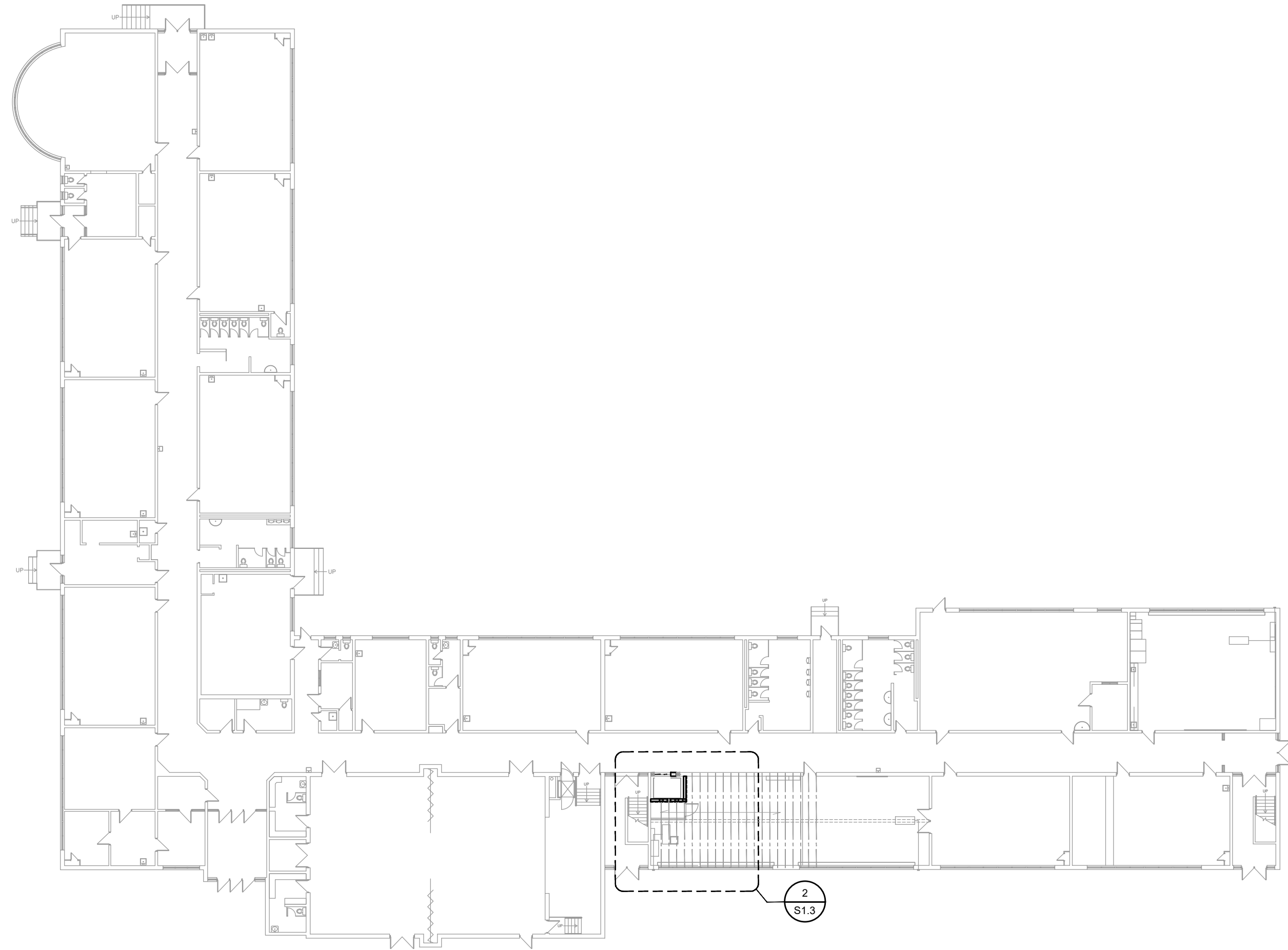
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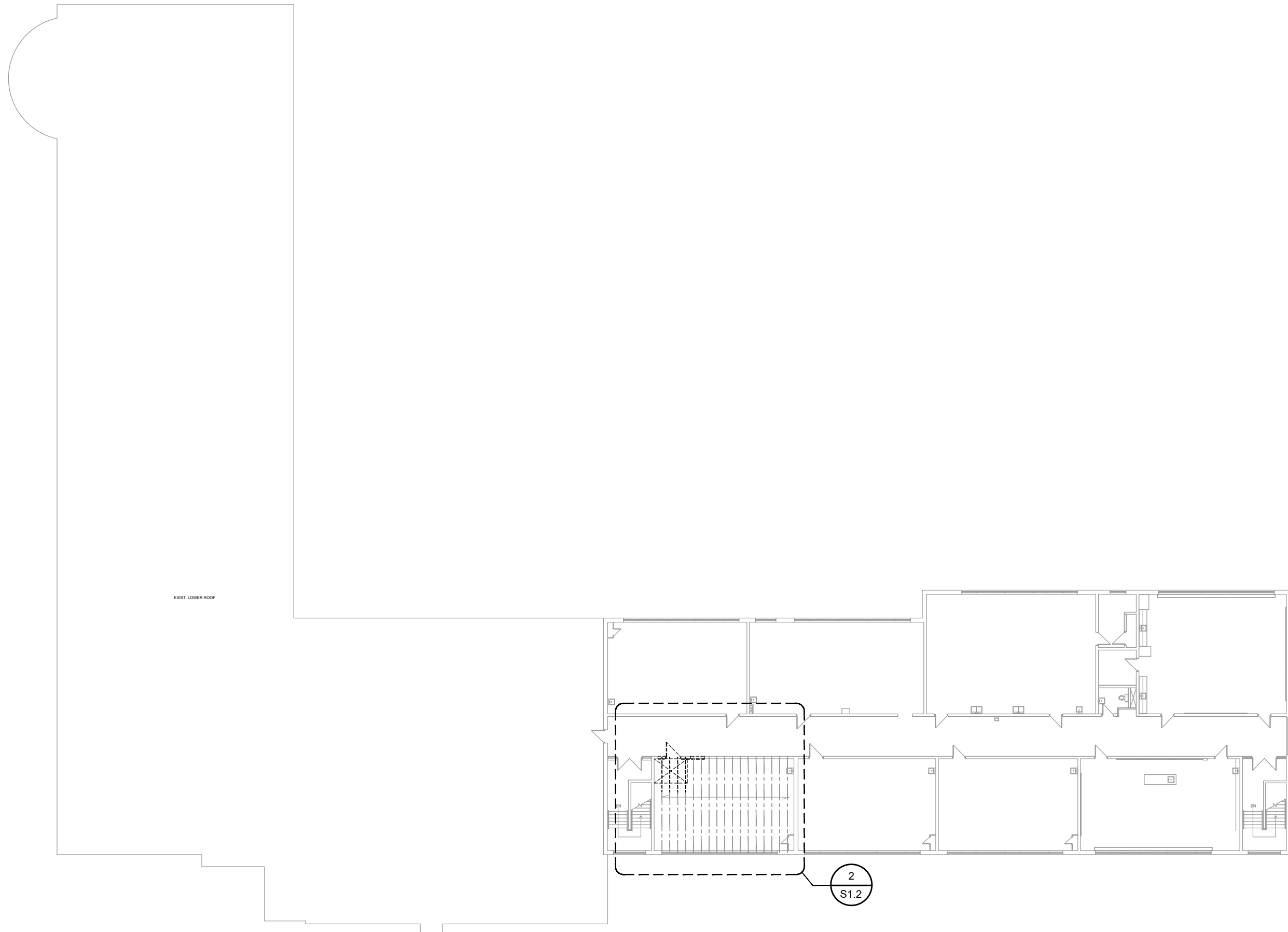




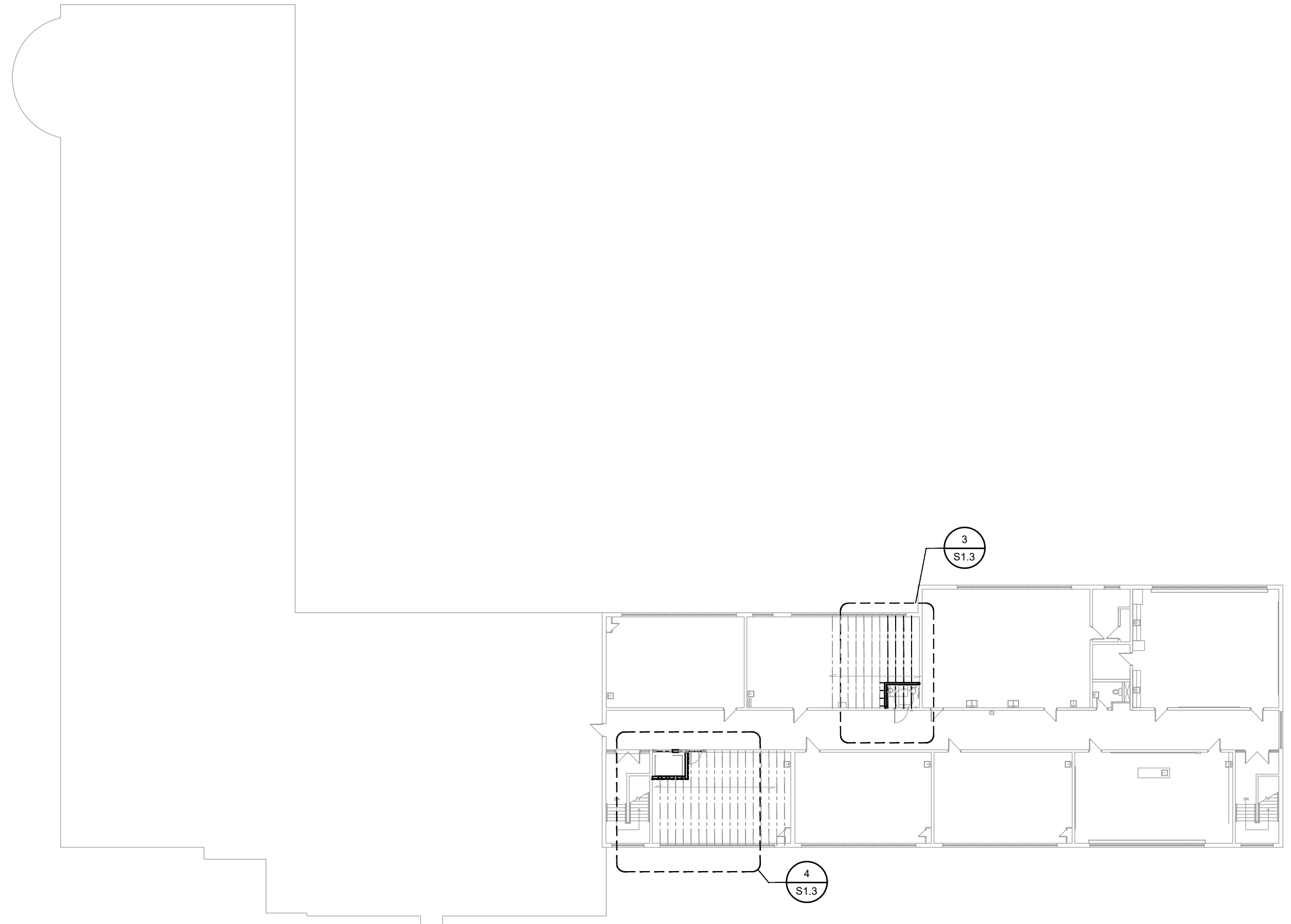
1 GROUND FLOOR DEMOLITION PLAN  
S1.0 SCALE: 1:300



2 GROUND FLOOR PLAN  
S1.0 SCALE: 1:300



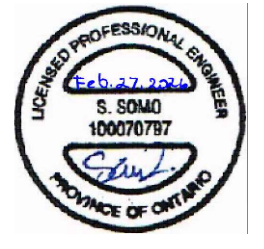
3 SECOND FLOOR DEMOLITION PLAN  
S1.0 SCALE: 1:150



4 SECOND FLOOR PLAN  
S1.0 SCALE: 1:150

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Renovations to  
**HWDSB Norwood Park**  
**Accessibility Upgrades**  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

Dwg. Title:  
**FLOOR PLANS**

Drwn: S.K. Chkd: S.S.  
Proj. No.: 14019  
Scale: As noted  
Date: JAN. 2026

Drawing No.:

**S1.0**



1 ROOF DEMOLITION PLAN  
S1.1 SCALE: 1:300

2 ROOF PLAN  
S1.1 SCALE: 1:300



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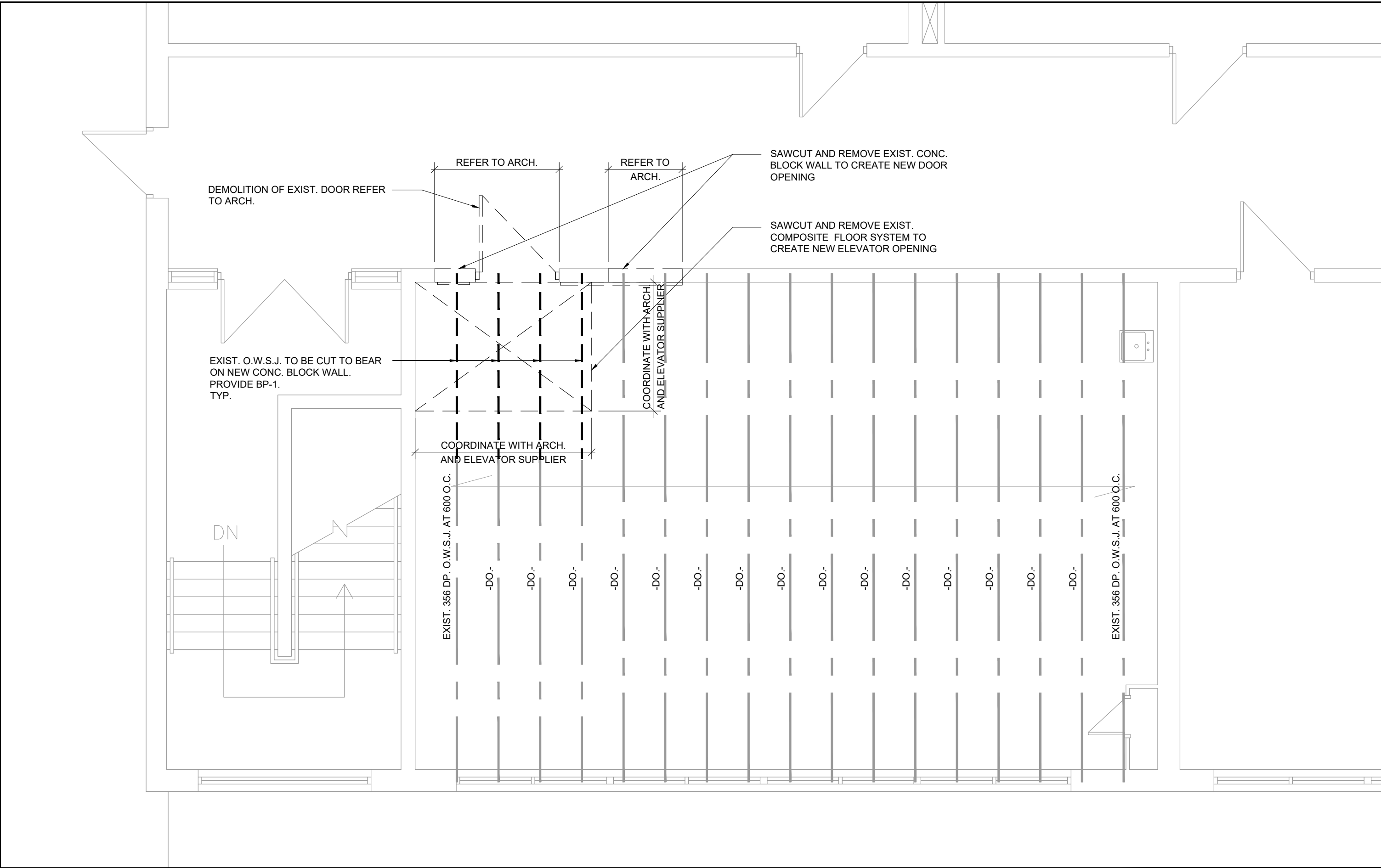
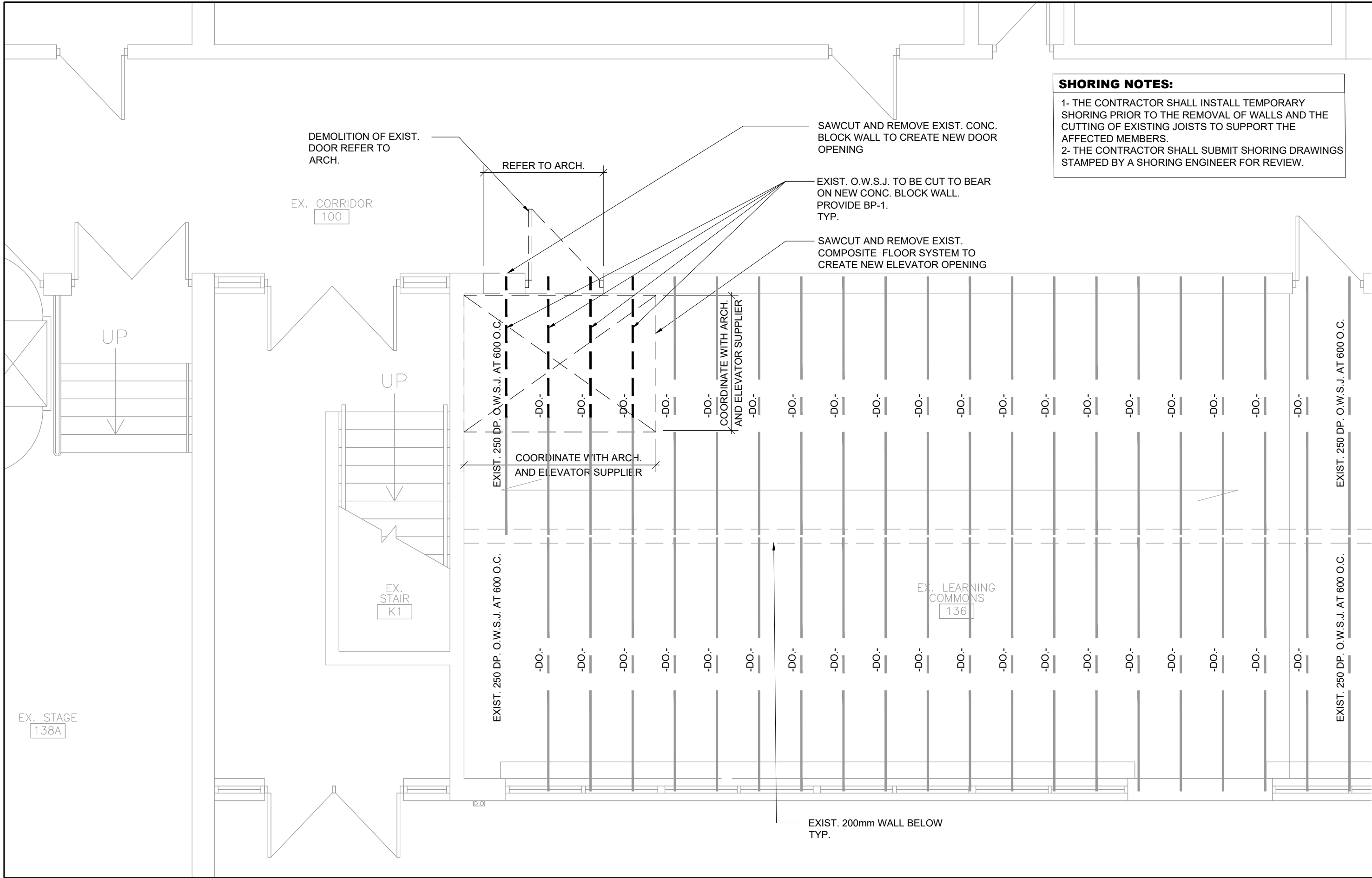
**Renovations to  
HWDSB Norwood Park  
Accessibility Upgrades**  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

# FLOOR PLANS

Drawn: S.K.	Chkd: S.S.
Proj. No.: 14019	
Scale: As noted	
Date: JAN. 2026	

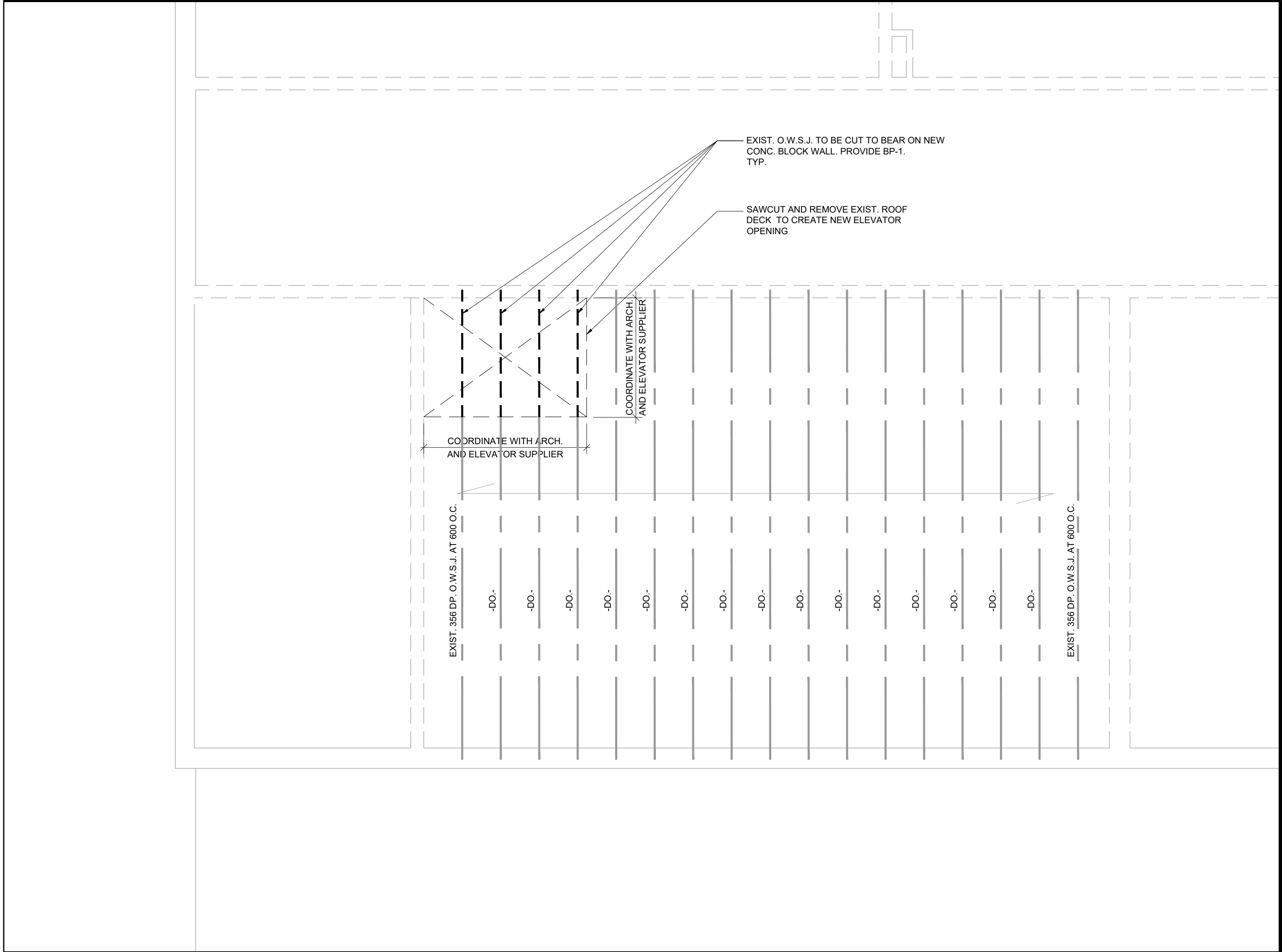
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**S1.1**



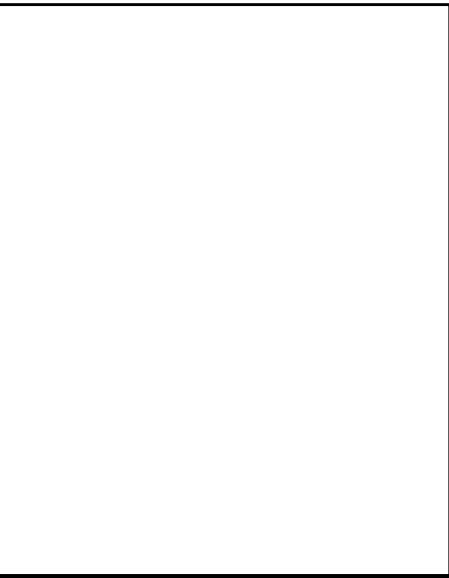


1 PARTIAL GROUND FLOOR DEMOLITION PLAN  
S1.2 SCALE: 1:50

2 PARTIAL SECOND FLOOR DEMOLITION PLAN  
S1.2 SCALE: 1:50



3 PARTIAL ROOF DEMOLITION PLAN  
S1.2 SCALE: 1:50



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Renovations to  
**HWDSB Norwood Park**  
Accessibility Upgrades  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

Dwg. Title:  
**PARTIAL DEMOLITION PLANS**

Drwn: S.K. Chkd: S.S.  
Proj. No.: 14019  
Scale: As noted  
Date: JAN, 2026

Drawing No.:  
**S1.2**





## S1.3

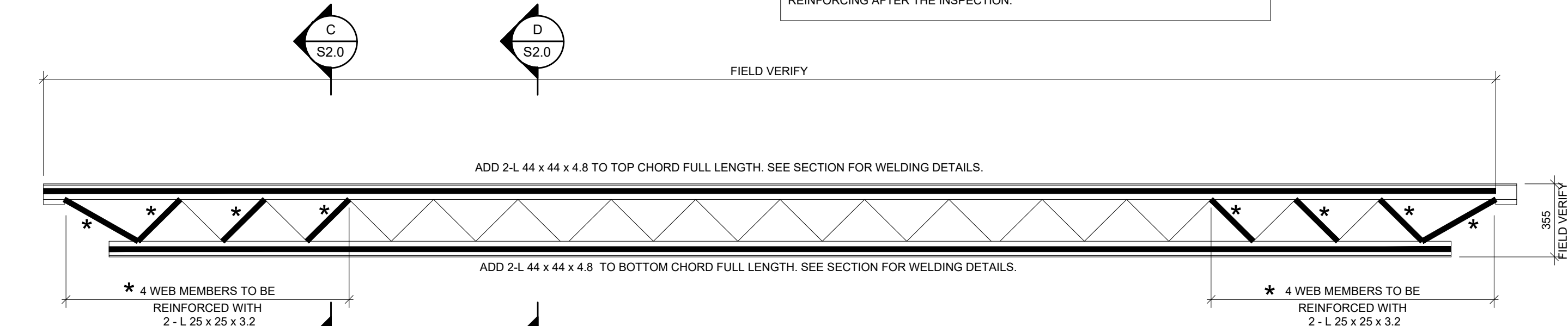
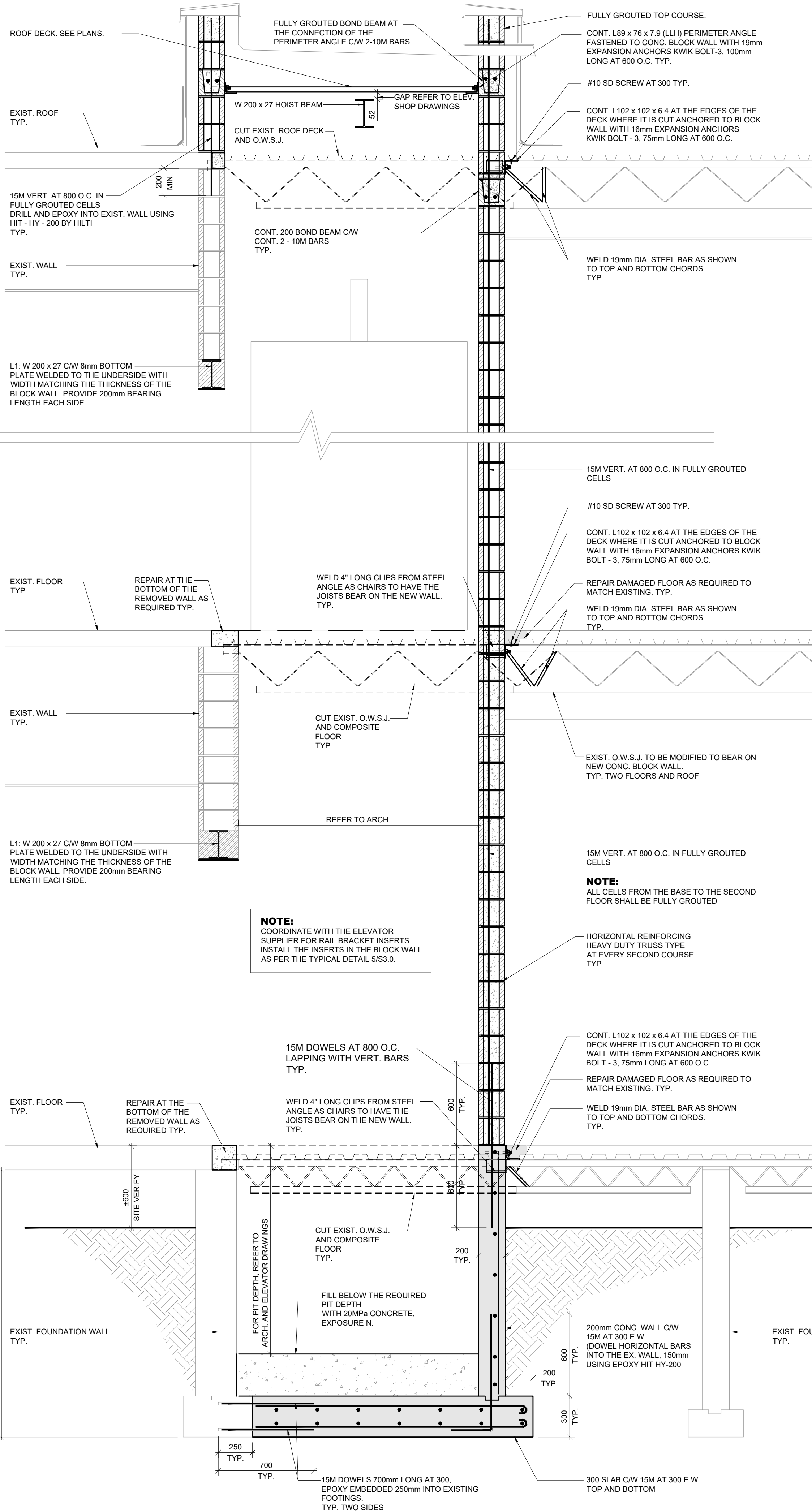


EXIST. ROOF  
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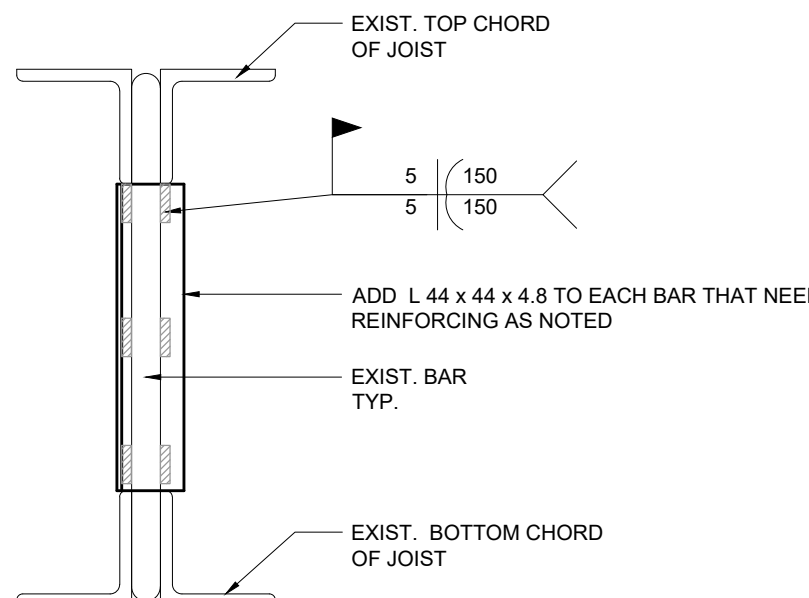
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EXIST. GROUND FLOOR  
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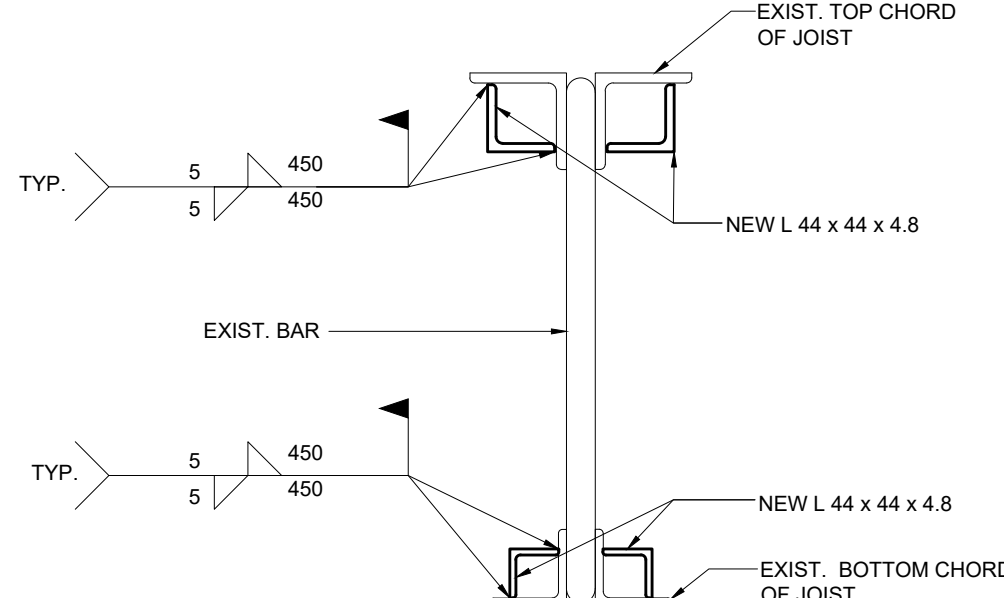
U/S OF EXIST. FOOTING  
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TYP. ELEVATION OF REINFORCED EXIST. O.W.S.J.  
SCALE: 1:20



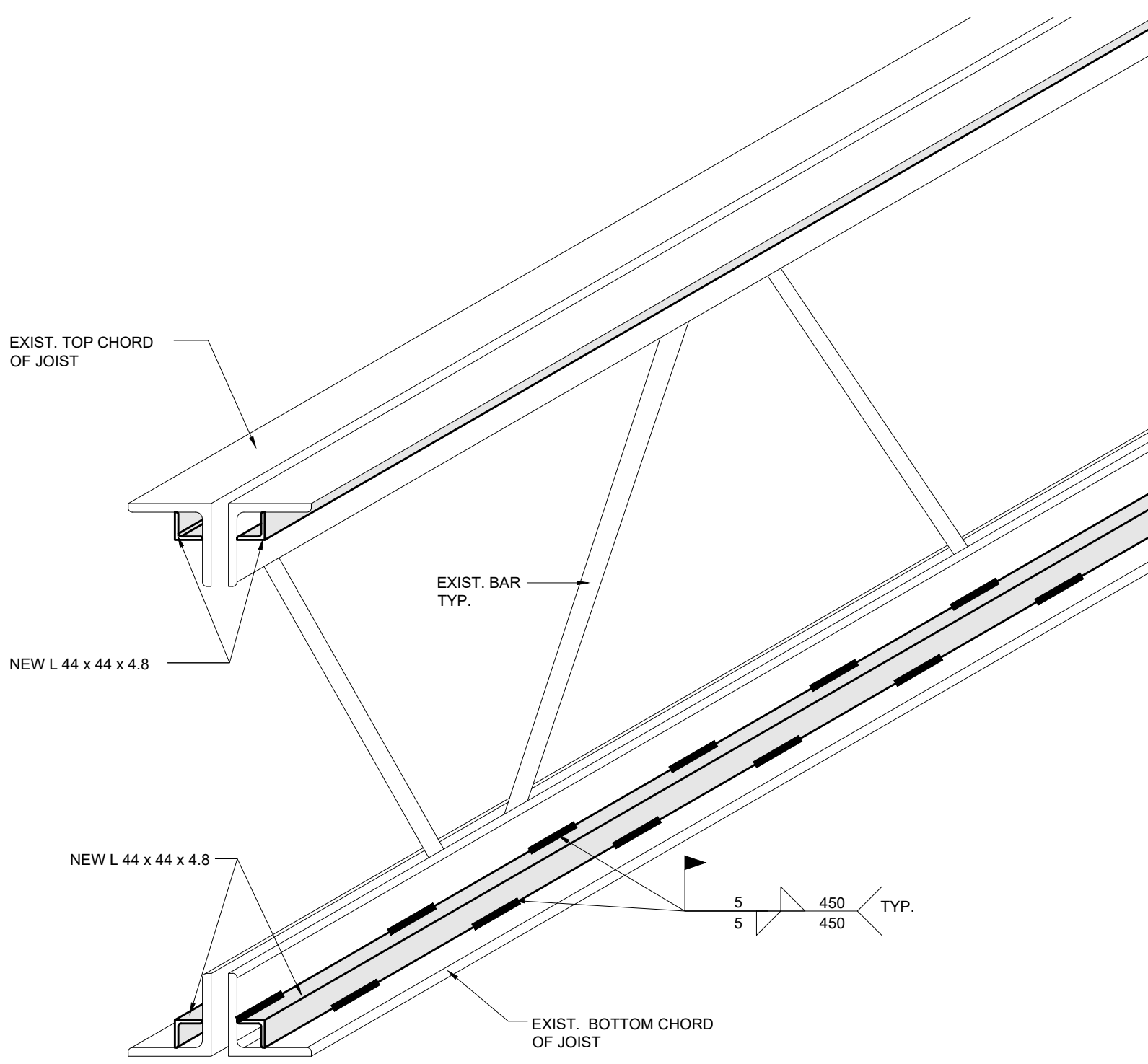
TYP. REINFORCING OF WEB MEMBERS (ROUND BAR)



TYP. REINFORCING OF TOP AND BOTTOM CHORDS

SECTION  
SCALE: 1:20

SECTION  
SCALE: 1:20

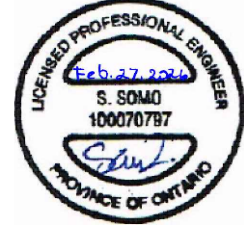


ISOMETRIC VIEW OF O.W.S.J. REINFORCEMENT DETAIL  
SCALE: N.T.S.

**NOTES:**  
1- THE PROFILE OF THE OWSJS THAT NEED REINFORCING IS ASSUMED. DO NOT CARRY OUT ANY REINFORCING PRIOR TO ENGINEER INSPECTION.  
2- THE CONTRACTOR SHALL INFORM THE ENGINEER WHEN THE JOISTS ARE EXPOSED TO BE REVIEWED AND INSPECTED.  
3- THE ENGINEER WILL PROVIDE FINAL DIRECTIONS FOR THE METHOD OF REINFORCING AFTER THE INSPECTION.

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02	29/01/2026	Issued for Permit
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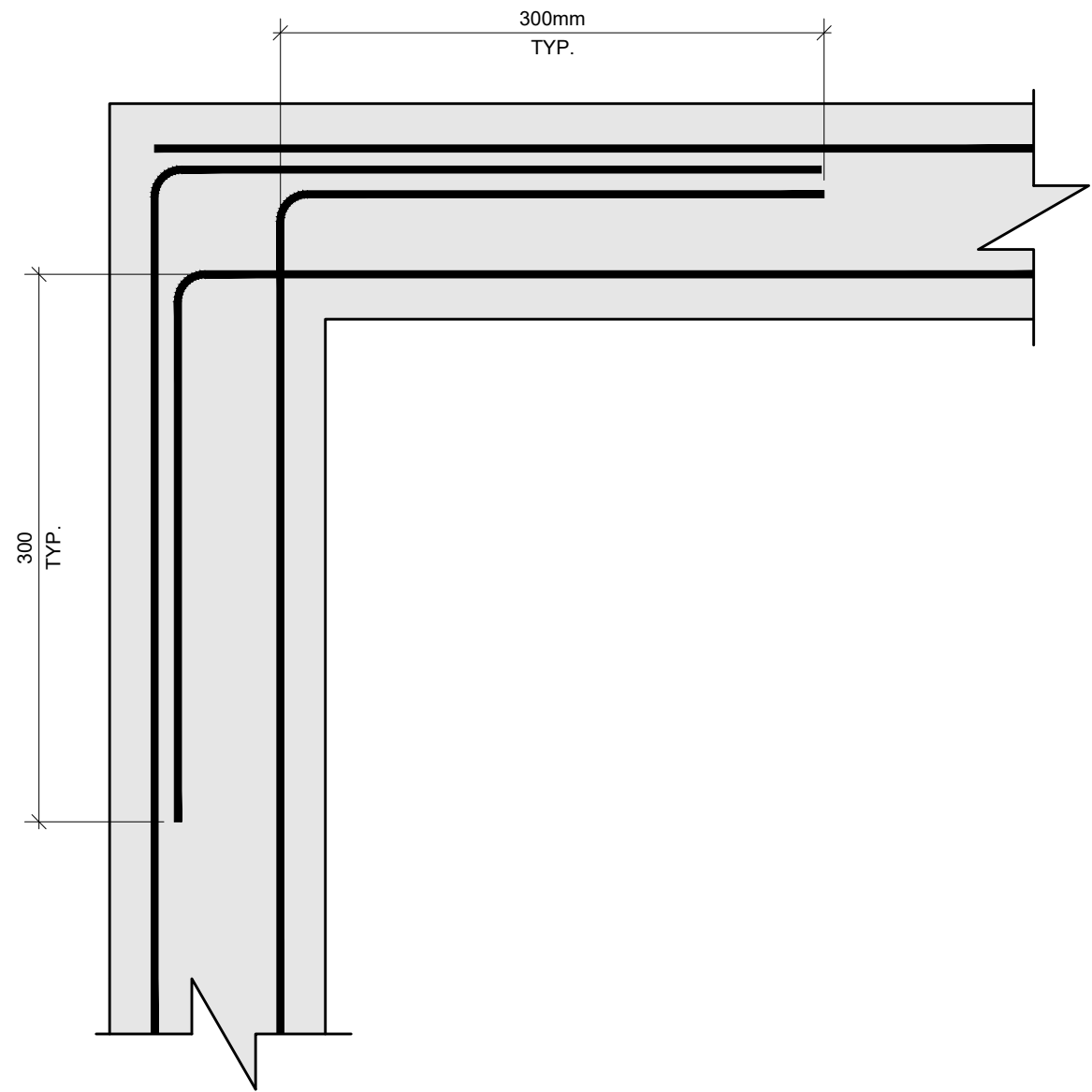
Renovations to  
**HWDSB Norwood Park**  
**Accessibility Upgrades**  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

Dwg. Title:  
**SECTION AND DETAILS**

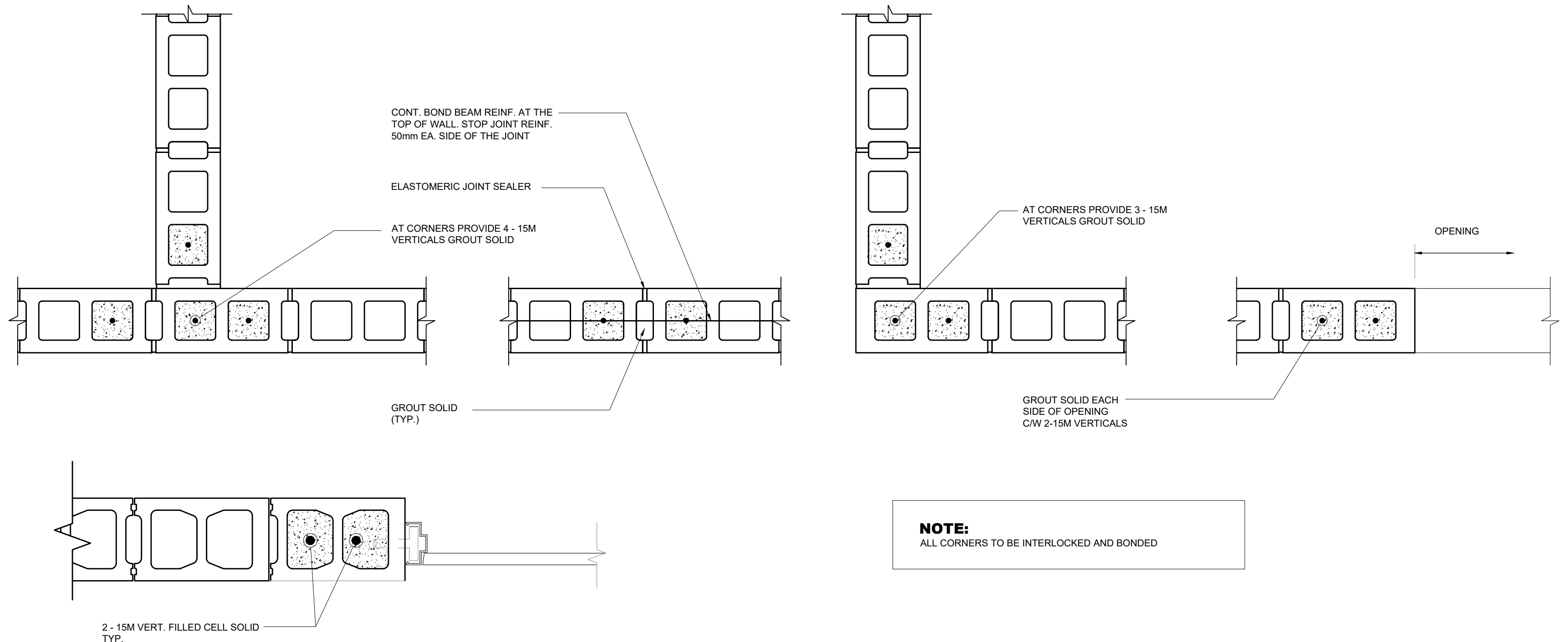
Drwn: S.K. Chkd: S.S.  
Proj. No.: 14019  
Scale: As noted  
Date: JAN, 2026

Drawing No.:  
**S2.0**

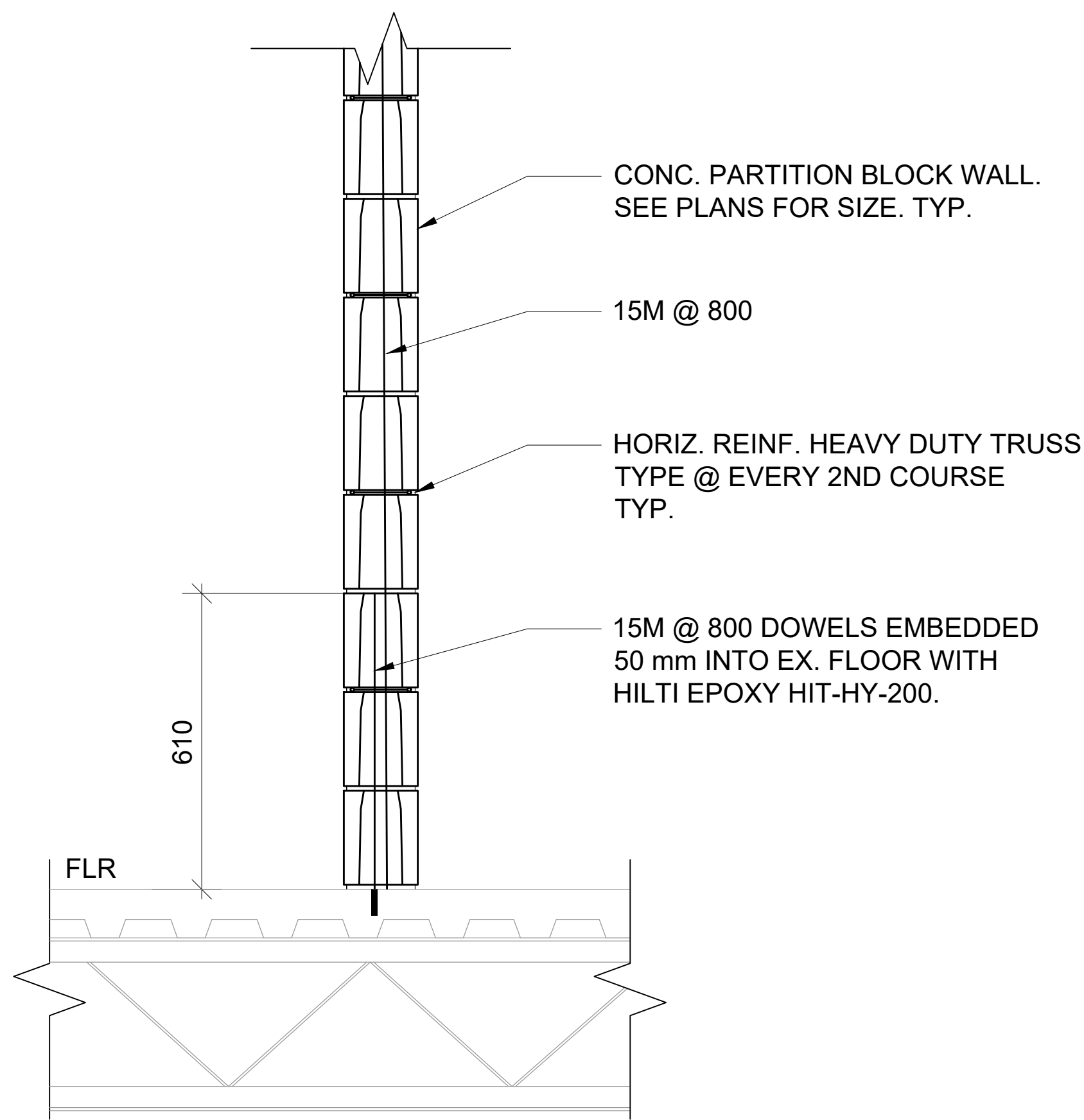




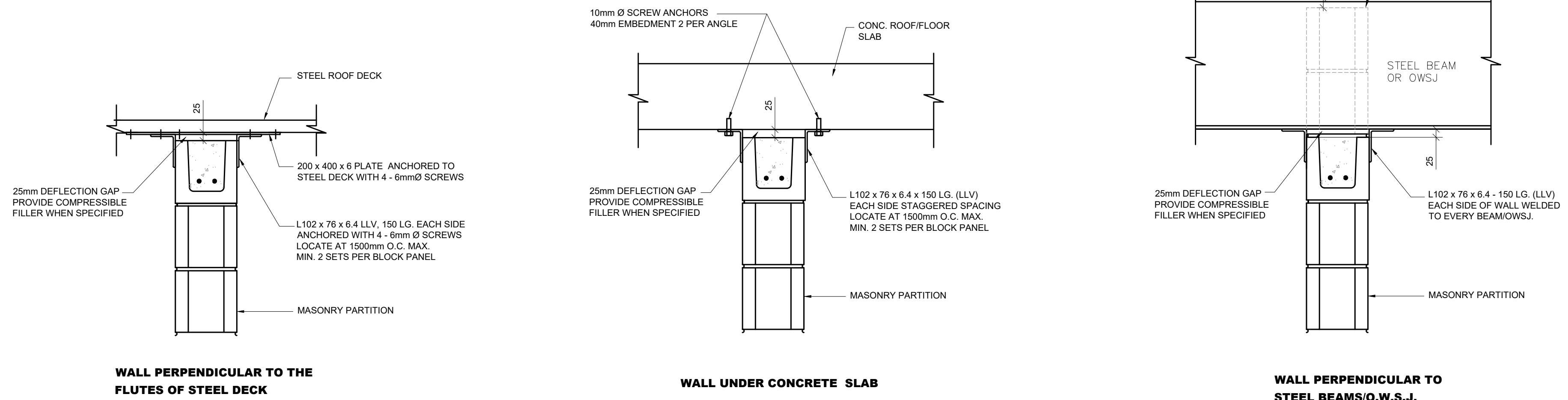
1 TYPICAL CORNER REBAR DETAIL  
S3.0 SCALE: 1:10



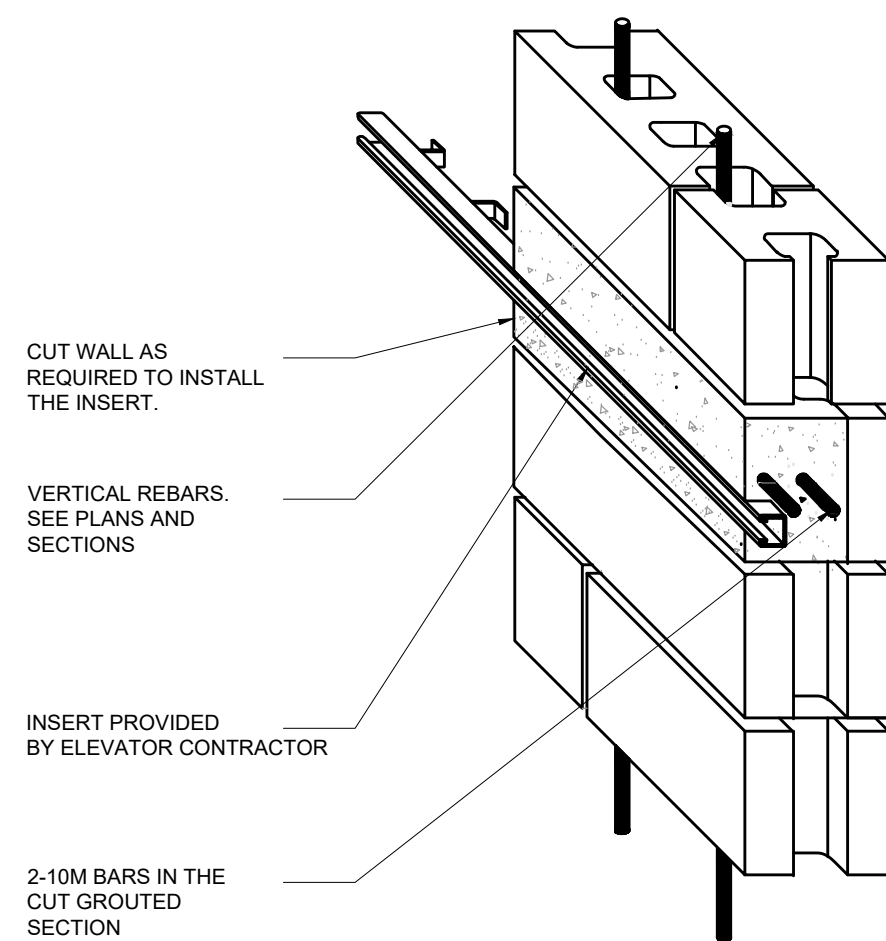
2 TYPICAL BLOCK WALL REINFORCING DETAILS  
S3.0 SCALE: 1:10



3 TYPICAL BLOCK PARTITION WALL DETAIL  
S3.0 SCALE: 1:20



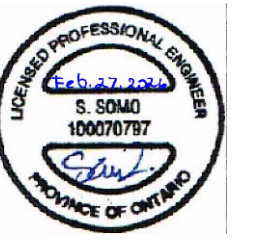
4 TYPICAL BLOCK WALL RESTRAINT DETAIL  
S3.0 SCALE: 1:10



5 TYPICAL BLOCK WALL INSERT DETAIL  
S3.0 SCALE: 1:10

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No.	Date	Remarks
03	27/02/2026	Issued for Tender
02	29/01/2026	Issued for Permit
01	26/01/2026	Issued for Client Review

Renovations to  
HWDSB Norwood Park  
Accessibility Upgrades  
165 Terrace Dr, Hamilton,  
ON L9A 2Z2

Dwg. Title:  
TYP. DETAILS

Drwn: S.K. Chkd: S.S.  
Proj. No.: 14019  
Scale: As noted  
Date: JAN. 2026

Drawing No.:  
S3.0