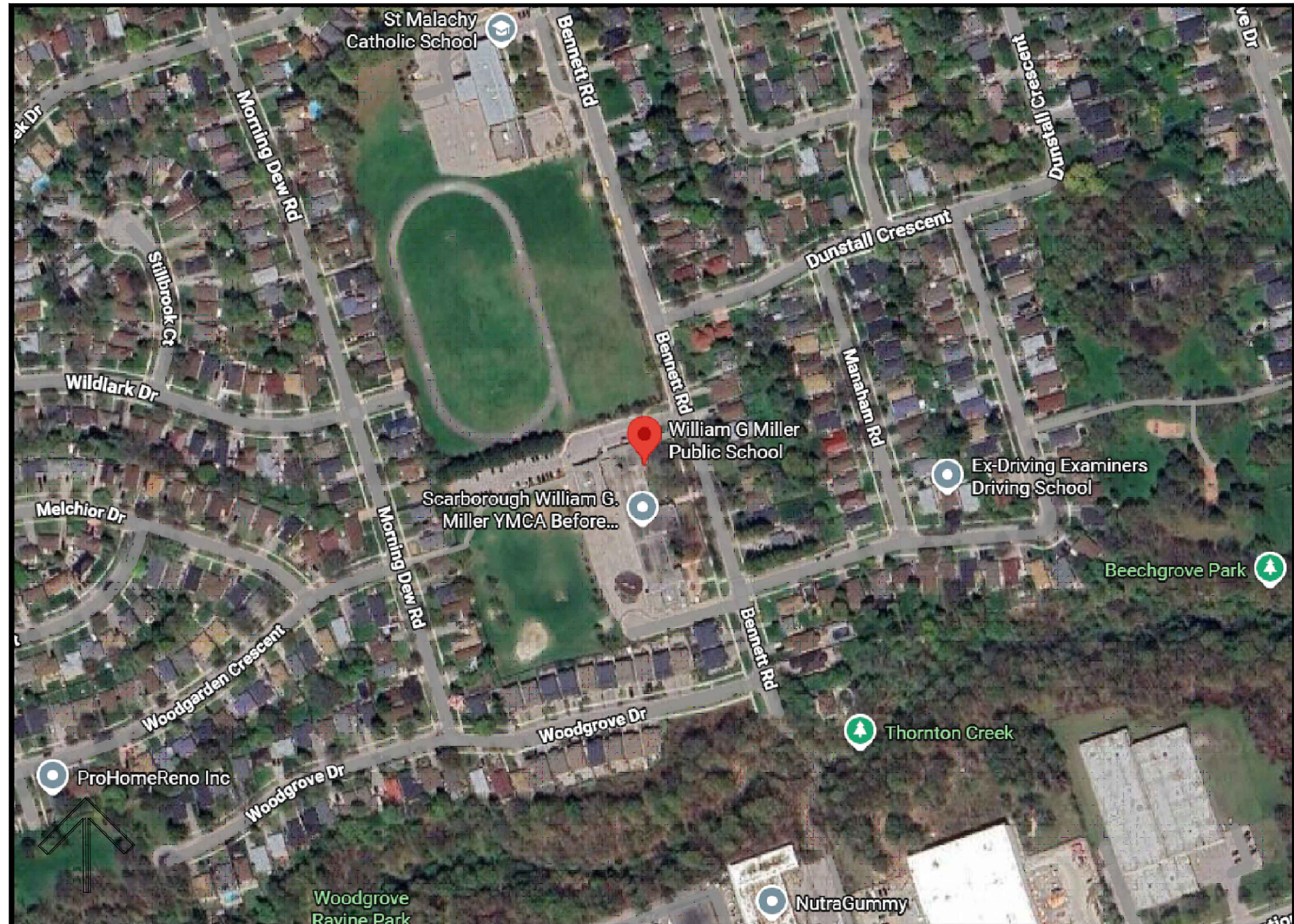
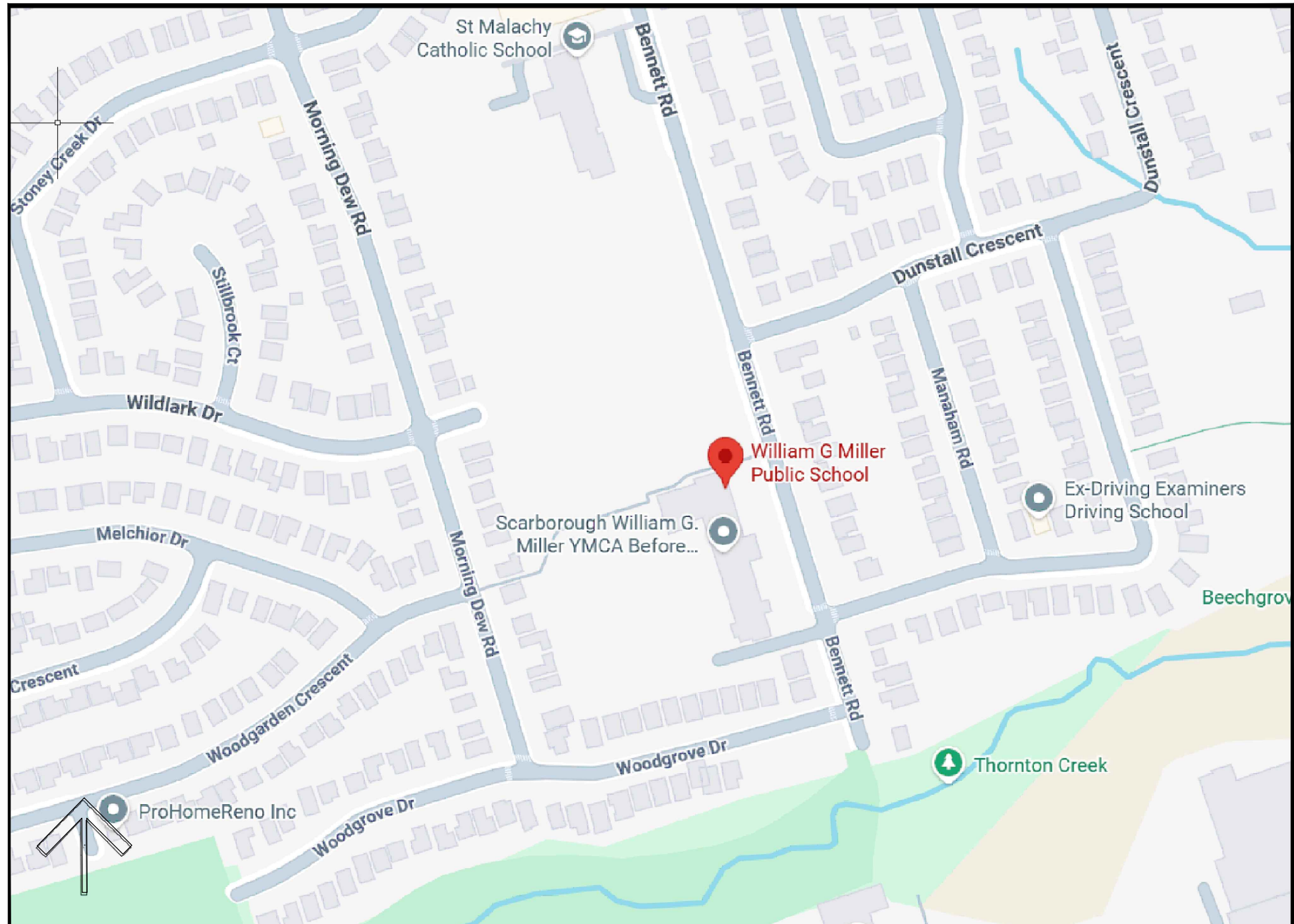




**WILLIAM G MILLER PUBLIC SCHOOL -  
BUNDLE 2**  
60 Bennett Rd, Scarborough,  
ON M1E 3Y3  
  
ACCESSIBILITY UPGRADE  
TR-25-0953



SATELLITE VIEW



KEY PLAN

ONTARIO BUILDING CODE DATA MATRIX

Firm Name: Kingsland + Architects Inc.	
Certificate of Practice Number: 4549	
The Certificate of Practice Number of the holder is the holder's BCDN.	
Firm Address and Contact Information: Colin J. Kingsland Partner, B.E.S., B.Arch., O.A.A., LEED AP 110 CUMBERLAND STREET, SUITE 262 TORONTO, ONTARIO M5R 3V5 Telephone: 416-203-7799 Facsimile: 416-203-7763 Email: C.Kingsland@KingslandPlus.com	
Name and Address of Project: WILLIAM G MILLER PUBLIC SCHOOL - BUNDLE 2 60 Bennett Rd, Scarborough, ON M1E 3Y3	
The architect noted above has exercised responsible control with respect to design activities. The architect's seal number is the architect's BCDN.	
Ontario Building Code Data Matrix - Parts 3 & 9	
OBC Reference	
Project Description: <input type="checkbox"/> New <input checked="" type="checkbox"/> Part 11 <input type="checkbox"/> Part 3 <input type="checkbox"/> Part 9	
Major Occupancy(s): <input type="checkbox"/> Group 'A' <input checked="" type="checkbox"/> Addition <input type="checkbox"/> Alteration	
Building Area (m²) Existing: 2859 m² New: 25 m² Total: 2884 m²	
Gross Area (m²) Existing: 4894 m² New: 40 m² Total: 4934 m²	
Number of Storeys: Above Grade: 2 Below Grade: 6,912	
Number of Streets/Fire Fighter Access: 1	
Building Classification: ASSEMBLY OCCUPANCY, GROUP A2	
Sprinkler System Proposed: <input type="checkbox"/> entire building <input checked="" type="checkbox"/> selected compartments <input type="checkbox"/> selected floor areas <input type="checkbox"/> basement <input type="checkbox"/> in lieu of roof rating <input type="checkbox"/> not required	
Standpipe required: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Fire Alarm required: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Water Service/Supply is adequate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
High Building: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Construction Restrictions <input type="checkbox"/> Comb. Permitted <input checked="" type="checkbox"/> Non-Comb. required <input type="checkbox"/> Both	
Actual Construction: <input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-combustible <input type="checkbox"/> Both	
Mezzanine(s) Area (m²): N/A	
Occupant Load based: <input type="checkbox"/> m²/person <input checked="" type="checkbox"/> design of building	
Existing Building: Load 1142 persons	
Barrier-free Design: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Hazardous Substances: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Required Fire Resistance Rating (FRR)	
Horizontal Assemblies FRR (Hours)	
Listed Design No. or Description (SB-3)	
Supporting Members FRR (Hours)	
Listed Design No. or Description (SB-3)	
Spatial Separation - Construction of Exterior Walls	
Wall Area of EBF (m²) L.D. (m) L/H or L/R Permitted Max. % of Openings FRR (Hours) Listed Design or Description Comb. Const. Comb. Const. Non-Comb. Const.	
North - - - EXISTING - - - - -	
South - - - EXISTING - - - - -	
East - - - EXISTING - - - - -	
West - - - EXISTING - - - - -	

23a Occupant Load	
23b	
School:	
22 EX. Classrooms @ 23/classroom 506	
1 Library Classroom @ 23/classroom 23	
Student Occupant Load Exc. KG 529	
1 EX. Kindergartens @ 25/classroom 104	
Total Student Occupant Load 633	
Kindergarten Staff @ 1:13 = 104/13 8	
Classrooms Staff @ 1:15 = 529/15 35	
Other Staff (Admin + Cust.) 10	
Staff Occupant Load 54	
Total School Occupant Load Exc. KG Students 529	
Total School Occupant Load INC. KG Students 633	
NUMBER USED (EXC. KG STUDENTS) FOR PLUMBING FIXTURE COUNT SINCE KG STUDENTS HAVE THEIR OWN WASHROOMS	
Required Proposed Room No.s Remarks	
W.C. Ur. Lav. W.C. Ur. Lav.	
SCHOOL STUDENTS	
Male Student 9 - - - - -	
Female Student 9 4 6 7 10	
Sparsely-distributed (S.B.2.3.B.) 2 - - 2 2 - 2	
Universal 1 - - 1 1 - 1	
SCHOOL & KG STAFF	
Staff 2 - - 2 2 - 2	
Staff BF (S.B.2.3.B.) 1 - - 1 1 - 1	
3.7.4.3.(14) Wcs Count For Students (Exc. KG):	
The number of water closets required for elementary and secondary schools shall be at least one fixture for each 30 males and one fixture for each 26 females.	
529 / 2 = 264 at 1 Wc per 30 males = 9	
529 / 2 = 264 at 1 Wcs per 26 females = 11	
3.7.4.7. (1) Table 3.7.4.7 (1) Wcs Count For All Staff:	
Staff - School (incl. KG) 54 staff:	
27 female staff (for 10 to 24 persons of each sex) = 2 Wcs	
27 male staff (for 10 to 24 persons of each sex) = 2 Wcs	
3.7.4.2.(6) Lavatories Count For Staff (Inc. KG):	
At least one lavatory shall be provided in a room containing one or two water closets or urinals, and at least one additional lavatory shall be provided for each additional two water closets or urinals.	
27 Female Staff - 2 Wcs: 1 lavatories required	
27 Male Staff - 2 Wcs: 1 lavatories required	
total 2 lavatories required	
3.7.4.2.(6) Lavatories Count For Students Exc. KG:	
At least one lavatory shall be provided in a room containing one or two water closets or urinals, and at least one additional lavatory shall be provided for each additional two water closets or urinals.	
529 Students (Exclud. KG Since KG have the WIRs inside of classrooms & fall under 3.7.4.3.(13) not this clause 3.7.4.2.(6):	
Male (9 Wcs) 9 lavatories	
Female (11 Wcs) 6 lavatories	
3.7.4.2.(4) Urinals In Lieu Of Wcs For Male Students Exc. KG:	
Urinals are permitted to be substituted for water closets required by this subsection for males and may be counted as water closets provided the number of urinals is not more than one-fifth of the required number of water closets in hospitals and long-term care homes, and one-third of the required number of water closets in any other occupancy.	
264 Male Students (Exclud. KG)	
Optional 9 Urinals (3 x 9) in lieu of 6 water closets	
3.7.4.2.(8) The Universal washroom water closet and lavatory may be counted as part of the plumbing fixtures required for males and females. In this case used for both students and staff BF. count	
3.8.2.3. (2) The Universal washroom: one universal washroom is required in a 2 storey building	
Table 3.8.2.3.B. BF, Staffs Count For Students Exc. KG but For Staff (Inc. KG) Students (Exclud. KG):	
Male: 9 Wcs at 10 to 16 Wcs/ WIR = 1 BF Stall is Req'd.	
Female: 11 Wcs at 10 to 16 Wcs/ WIR = 1 BF Stall is Req'd.	
Staff (incl. KG):	
Male + Female: 4 Wcs at 4 to 9 Wcs/ WIR = 1 BF Stall is Req'd.	
for 1 to 3 Wcs/ WIR = 1 BF Stall is Req'd.	
0 BF Stall is Req'd. when 1 Universal WIR is PROVIDED ON SAME FLOOR WITHIN 45M OF THE WIR.	

Firm Name: Kingsland + Architects Inc.	
Certificate of Practice Number: 4549	
The Certificate of Practice Number of the holder is the holder's BCDN.	
Firm Address and Contact Information: Colin J. Kingsland Partner, B.E.S., B.Arch., O.A.A., LEED AP 219 Dufferin Street, Suite 308b Toronto, Ontario M6K 3J1 Telephone: 416-203-7799 x 105 Facsimile: 416-203-7763 Email: C.Kingsland@KingslandPlus.com	
Name and Address of Project: WILLIAM G MILLER PUBLIC SCHOOL - BUNDLE 2 60 Bennett Rd, Scarborough, ON M1E 3Y3	
The architect noted above has exercised responsible control with respect to design activities. The architect's seal number is the architect's BCDN.	
Ontario Building Code Data Matrix - Parts 11 - Renovation of Existing Building	
OBC Reference	
11.1 Project Description: Describe Existing Use: School Construction Index: N.A. Hazard Index: N.A.	
11.2 Alteration to Existing Building Is: Basic Renovation Extensive Renovation	
11.3 Reduction in Performance Level: Structural: By increase in occupant load: By change of major occupancy: Plumbing: Sewage-system:	
11.4 Compensating Construction: Structural: Increase in occupant load: Change of major occupancy: Plumbing: Sewage System:	
11.5 Compliance Alternatives Proposed:	
11.6 Alternative Measures Proposed:	

SYMBOL LEGEND

EXISTING WALL
EX. WALL TO BE REMOVED
NEW WALL
FIRE SEPARATION
W1 WALL TYPE - SEE SPECIFICATION
100-1 DOOR NUMBER EXISTING DOOR
100-3-1 DOOR NUMBER NEW DOOR
1 A3-2 BUILDING SECTION NUMBER SHEET NUMBER
2 A3-4 WALL SECTION NUMBER SHEET NUMBER
2 A3-4 DETAIL NUMBER SHEET NUMBER
1-105 DETAIL DRAWING NUMBER SEE SPECIFICATION
W1 WINDOW TYPE
S1 SCREEN TYPE
NAME 000 ROOM NAME ROOM NUMBER
FOR DOOR SCHEDULE AND ROOM FINISH SCHEDULE SEE SPECIFICATION.

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A2-2	PARTIAL ENLARGED FIRST FLOOR PLANS - NEW (UNIVERSAL WASHROOM & STAGE LIFT)
A2-3	PARTIAL ENLARGED FLOOR PLANS - DEMOLITION
A2-4	PARTIAL ENLARGED FLOOR PLANS - NEW (ELEVATOR)
A2-5	PARTIAL ENLARGED FIRST,SECOND VESTIBULE AND UNIVERSAL WASHROOM CEILING
A3-1	ELEVATOR ADDITION ELEVATIONS
A3-2	ELEVATOR SHAFT SECTION
A3-3	SECTIONS
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STRUCTURAL	
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S1-2	GENERAL NOTES
S1-3	TYPICAL DETAILS
S1-4	TYPICAL DETAILS
SD2-1	FRAMING PLANS
S2-2	FRAMING PLANS
S4-1	DETAILS
MECHANICAL	
M1	MECHANICAL LEGEND AND NOTES
M2	FIRST FLOOR KEY PLAN
M3	SECOND FLOOR KEY PLAN
M4	ELEVATOR - MECHANICAL PART PLANS
M5	WASHROOM - MECHANICAL PART PLANS
ELECTRICAL	
E1	ELECTRICAL LEGEND AND NOTES
E2	FIRST FLOOR KEY PLAN
E3	SECOND FLOOR KEY PLAN
E4	ELECTRICAL PART PLANS
E5	ELECTRICAL PART PLANS
E6	ELECTRICAL PART PLANS

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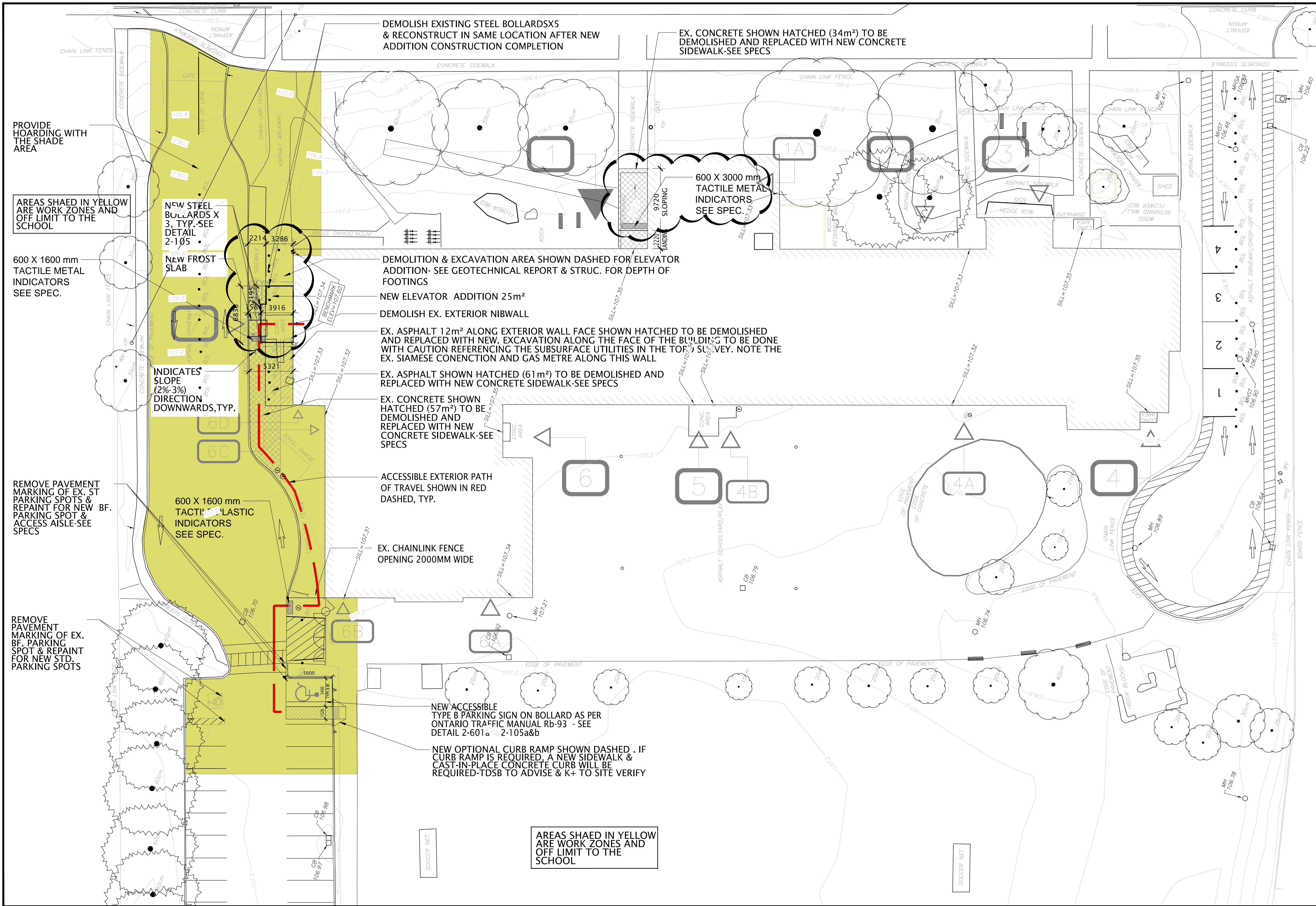
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REVISION	
NO.	DATE
1	26/09/17
2	26/09/17
3	26/09/17
4	26/09/17

DO NOT SCALE DRAWINGS. ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON THE JOB. ALL DRAWINGS REMAIN THE PROPERTY OF THE ARCHITECTS.

**GENERAL NOTES**

1. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, LATEST EDITION, AND ALL OTHER ACTS ADMINISTERED BY ALL AUTHORITIES HAVING JURISDICTION.
2. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS AND SPECIFICATIONS.
3. THE DESIGN LOADS SHALL NOT BE EXCEEDED DURING CONSTRUCTION.
4. ALL DIMENSIONS, SHOWN ON THE DRAWINGS SHALL BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
5. THE STABILITY OF THE STRUCTURAL FRAME IS DEPENDENT ON THE FULL INTERACTION OF ALL STRUCTURAL COMPONENTS. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY BRACING DURING CONSTRUCTION.
6. ALL DIMENSIONS GIVEN ARE IN METRIC.

**PROJECT NORTH**

**Kingsland + ARCHITECTS INC.**

KINGSLAND + ARCHITECTS INC.  
110 Cumberland Street, Suite 202  
Toronto, Ontario M5R 3V5  
ph 416.203.7799  
fax 416.203.7763

**ONTARIO ASSOCIATION OF ARCHITECTS**  
CELIN J. KINGSLAND  
45th

**Toronto District School Board**

**William G Miller Public School**  
ACCESSIBILITY UPGRADES

TR-25-0951  
60 Bennett Rd,  
Scarborough, Ontario  
M1E 3Y3

DRAWING TITLE:  
**OVERALL SITE PLAN**

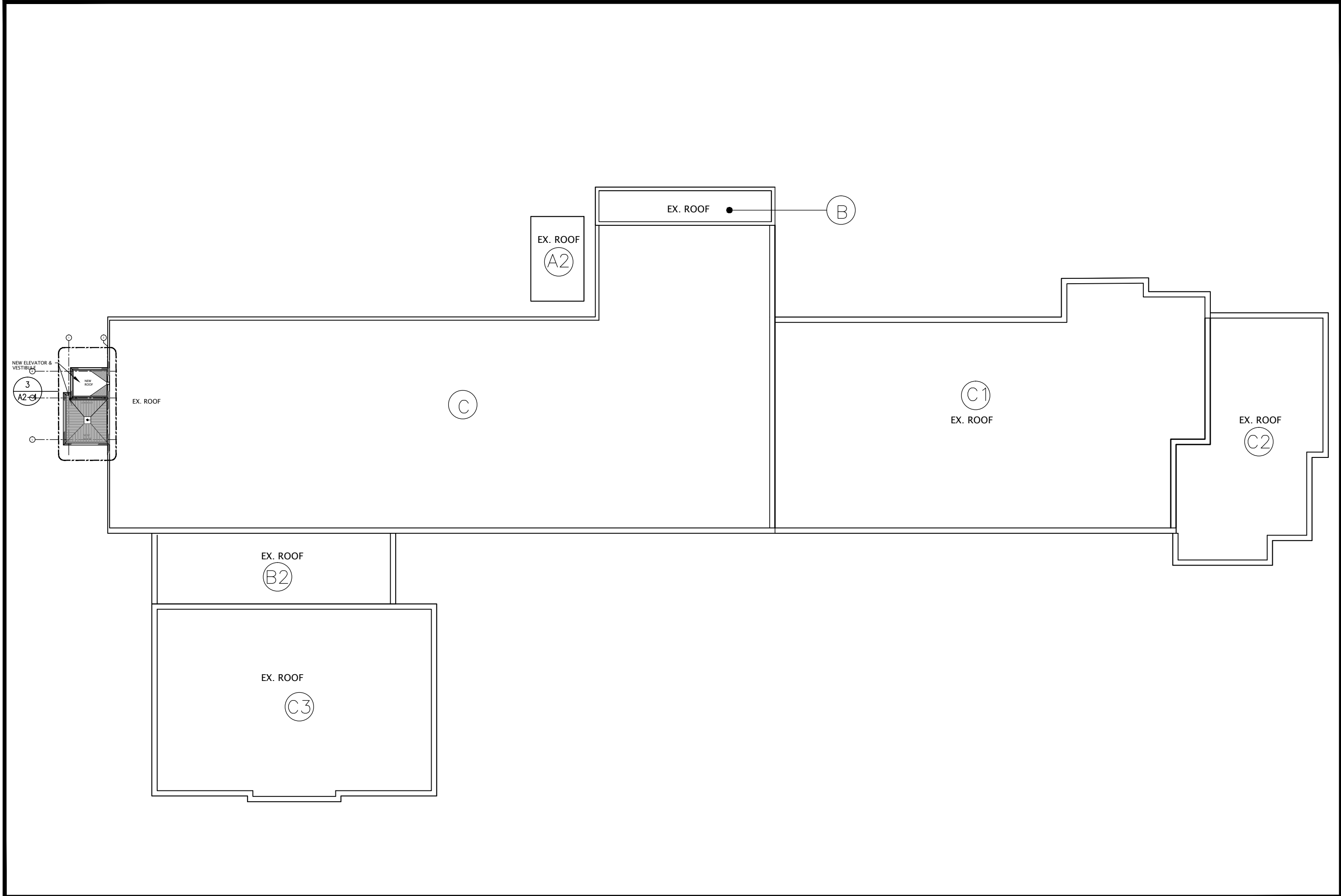
PROJECT NO:	SCALE:
A25006	1:200

DRAWN:	DRAWING NO:	REV.
K+	A1-1	4

CHECKED:	DATE:
K+	DEC. 2025

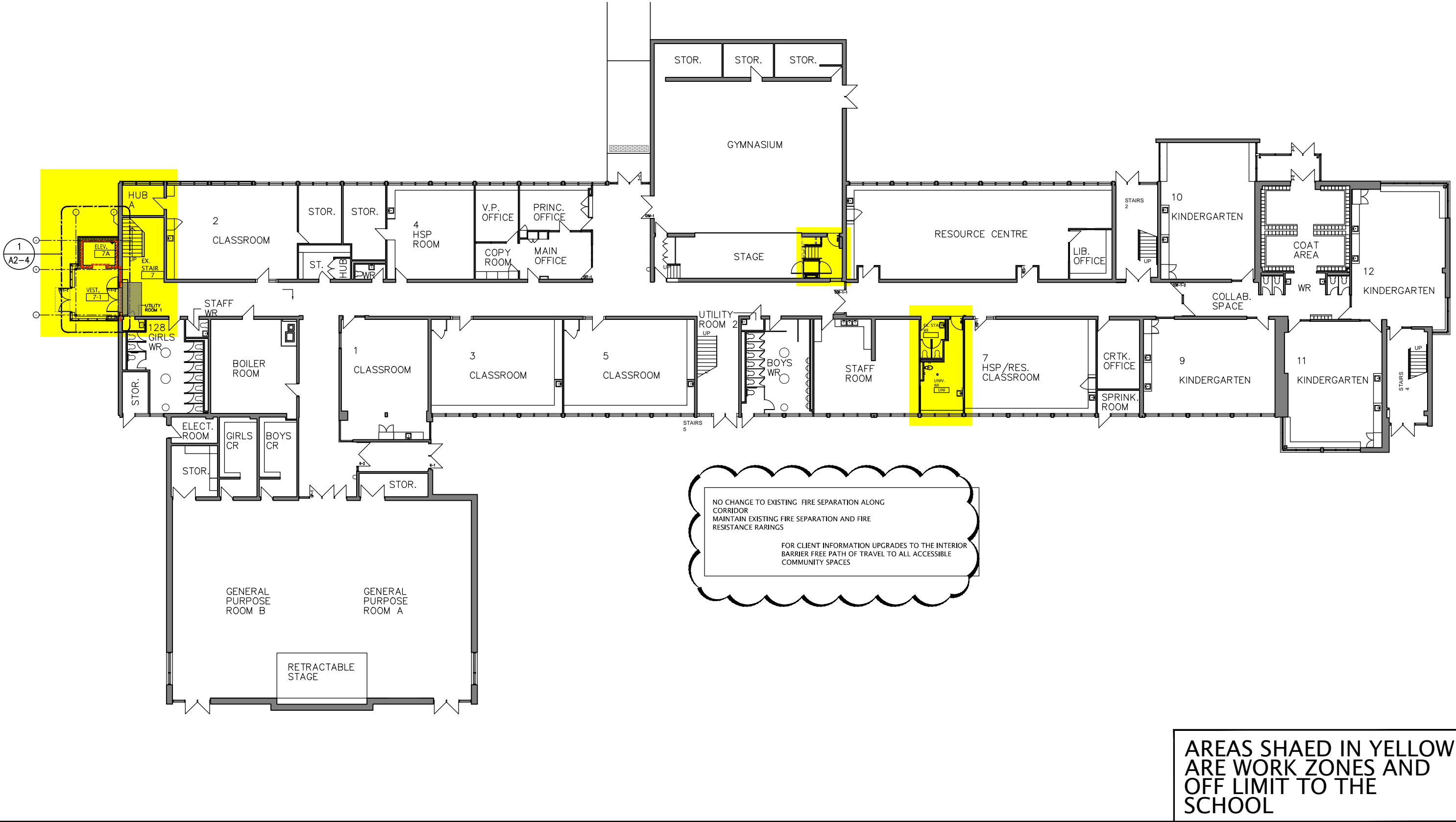
FILES: A25006 - A1-1 OVERALL SITE PLAN





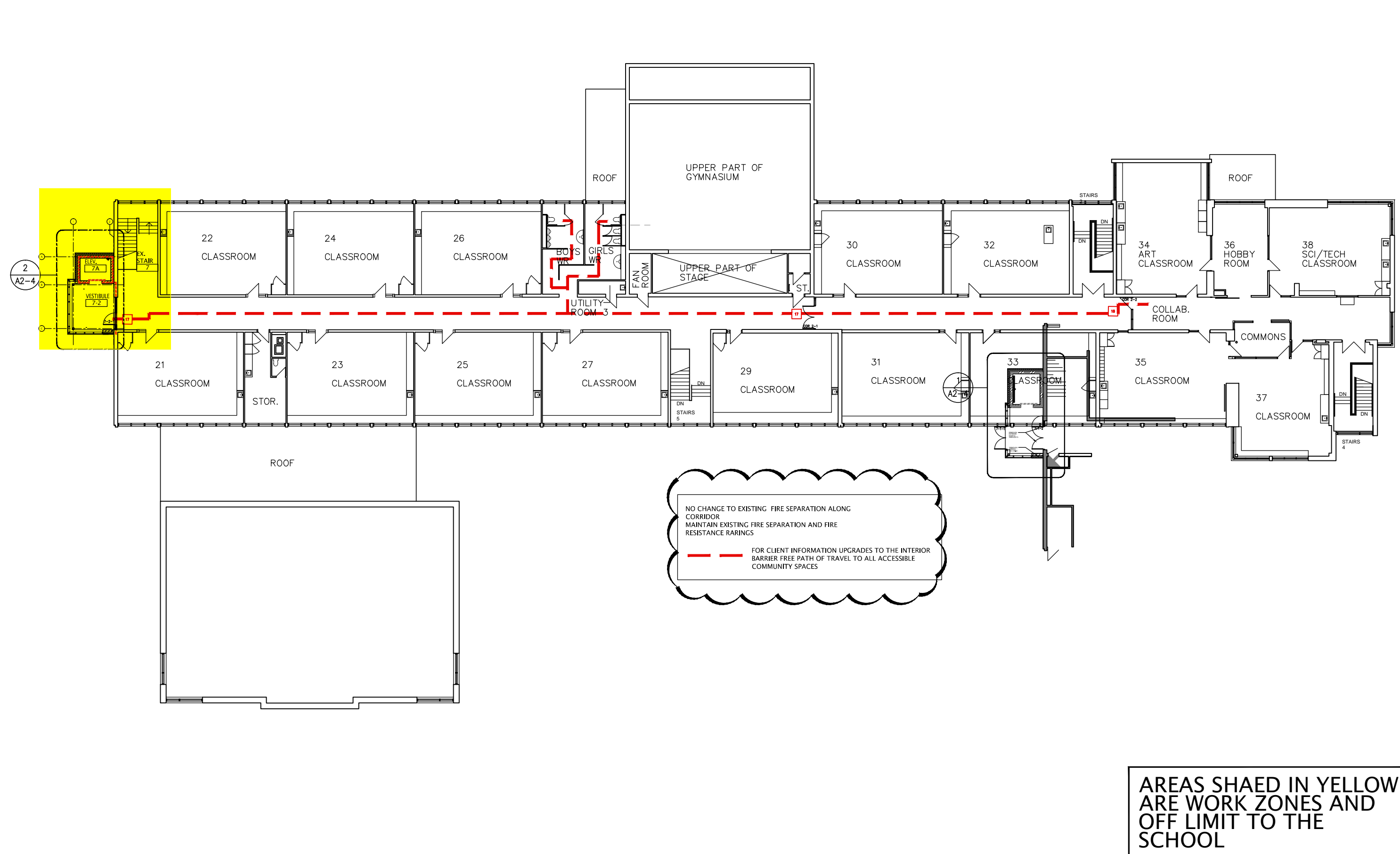
3 OVERALL ROOF PLAN  
SCALE: 1:300

- NOTE :
1. HARDWARE WORKS TO NOT INTERFERE WITH SCHOOL OPERATIONS
  2. THE WEST STAIR MUST REMAIN OPERATIONAL WITH TEMPORARY SIGNAGE TO THE EXIST BY THE GYM.



1 OVERALL FIRST FLOOR PLAN  
SCALE: 1:300

- NOTE :
1. HARDWARE WORKS TO NOT INTERFERE WITH SCHOOL OPERATIONS



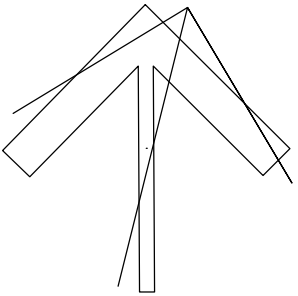
2 OVERALL SECOND FLOOR PLAN  
SCALE: 1:300

NO.	DATE	REVISION
1	26/09/17	ISSUED FOR CLIENT REVIEW
2	26/09/18	ISSUED FOR CLIENT REVIEW
3	26/09/17	ISSUED FOR CLIENT REVIEW
4	26/09/17	ISSUED FOR CLIENT REVIEW

DO NOT SCALE DRAWINGS. ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON THE JOB. ALL DRAWINGS REMAIN THE PROPERTY OF THE ARCHITECTS.

- GENERAL NOTES
1. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, LATEST EDITION, AND ALL OTHER ACTS ADMINISTERED BY ALL AUTHORITIES HAVING JURISDICTION.
  2. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS AND SPECIFICATIONS.
  3. THE DESIGN LOADS SHALL NOT BE EXCEEDED DURING CONSTRUCTION.
  4. ALL DIMENSIONS, SHOWN ON THE DRAWINGS SHALL BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
  5. THE STABILITY OF THE STRUCTURAL FRAME IS DEPENDENT ON THE FULL INTERACTION OF ALL STRUCTURAL COMPONENTS. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY BRACING DURING CONSTRUCTION.
  6. ALL DIMENSIONS GIVEN ARE IN METRIC.

PROJECT NORTH



Kingsland + ARCHITECTS INC.

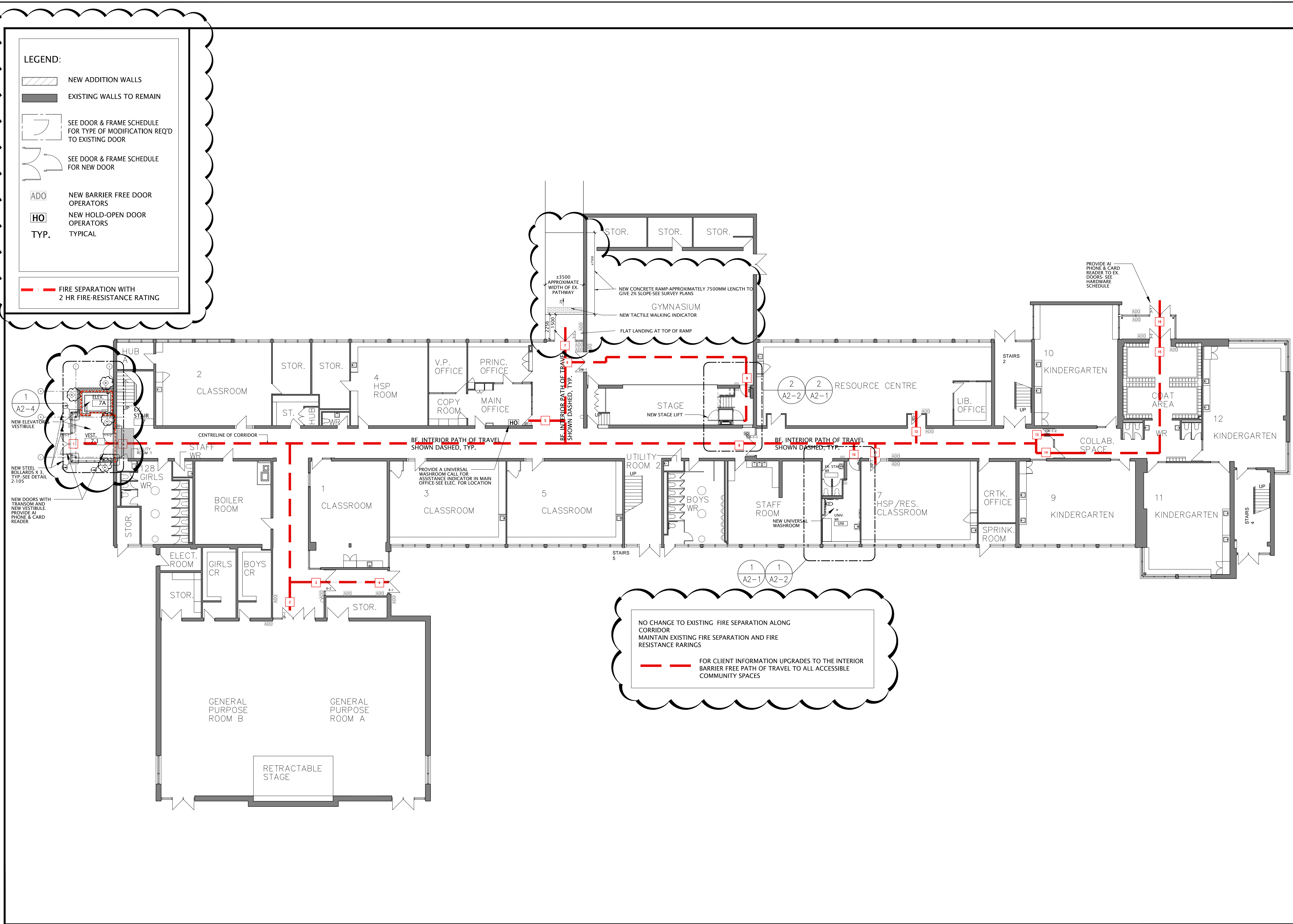
KINGSLAND + ARCHITECTS INC.  
110 Cumberland Street, Suite 202  
Toronto, Ontario M5R 3V5  
ph 416.203.7799  
fax 416.203.7763



William G Miller  
Public School  
ACCESSIBILITY UPGRADES

TR-25-0951  
60 Bennett Rd,  
Scarborough, Ontario  
M1E 3Y3

DRAWING TITLE: OVERALL FLOOR PLANS- NEW			
PROJECT NO: A25006	SCALE: 1:300		
DRAWN: K+	DRAWING NO. REV.		
CHECKED: K+	A2-0		
DATE: DEC. 2025			



NO.	DATE	REVISION
1	26/09/20	RESUBMIT BUILDING PERMIT
2	26/09/20	ISSUED FOR CLIENT REVIEW
3	26/09/21	ISSUED FOR CLIENT REVIEW
4	26/09/21	ISSUED FOR CLIENT REVIEW

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6. ALL DIMENSIONS GIVEN ARE IN METRIC.

**PROJECT NORTH**

**Kingsland + ARCHITECTS INC.**

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**ONTARIO ASSOCIATION OF ARCHITECTS**  
COLIN J. KINGSLAND  
4546

**Toronto District School Board**

**William G Miller Public School**  
ACCESSIBILITY UPGRADES

TR-25-0951  
60 Bennett Rd,  
Scarborough, Ontario  
M1E 3Y3

DRAWING TITLE:  
**OVERALL FIRST FLOOR PLAN**

PROJECT NO:	SCALE:
A25006	1:150

DRAWN:	DRAWING NO:	REV.
K+	A2-0a	4

CHECKED:	DATE:
K+	DEC. 2025

FILES: A25006 - A2-0A OVERALL MPLN-H



LEGEND:

NEW ADDITION WALLS

EXISTING WALLS TO REMAIN

SEE DOOR & FRAME SCHEDULE FOR TYPE OF MODIFICATION REQ'D TO EXISTING DOOR

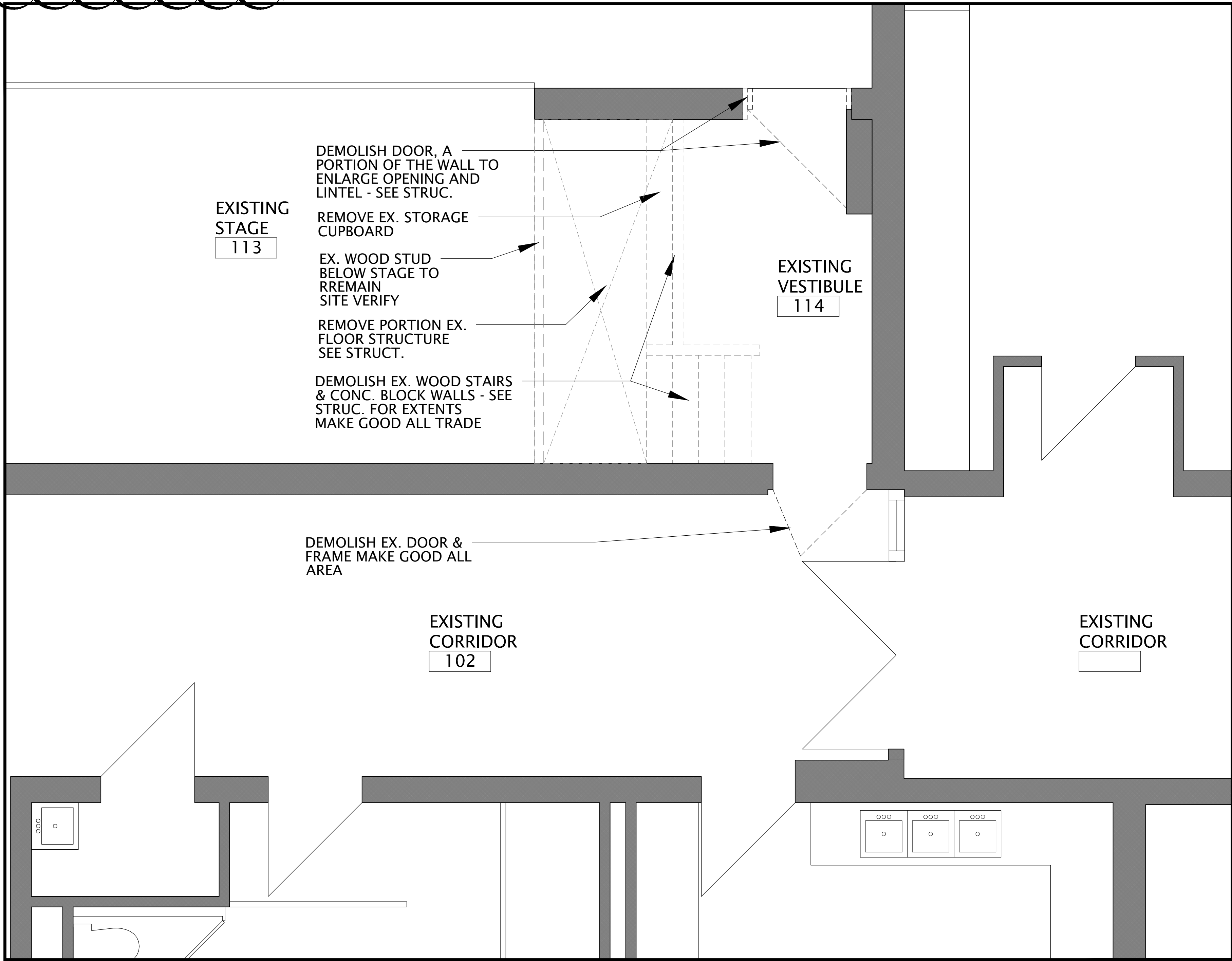
SEE DOOR & FRAME SCHEDULE FOR NEW DOOR

NEW BARRIER FREE DOOR OPERATORS

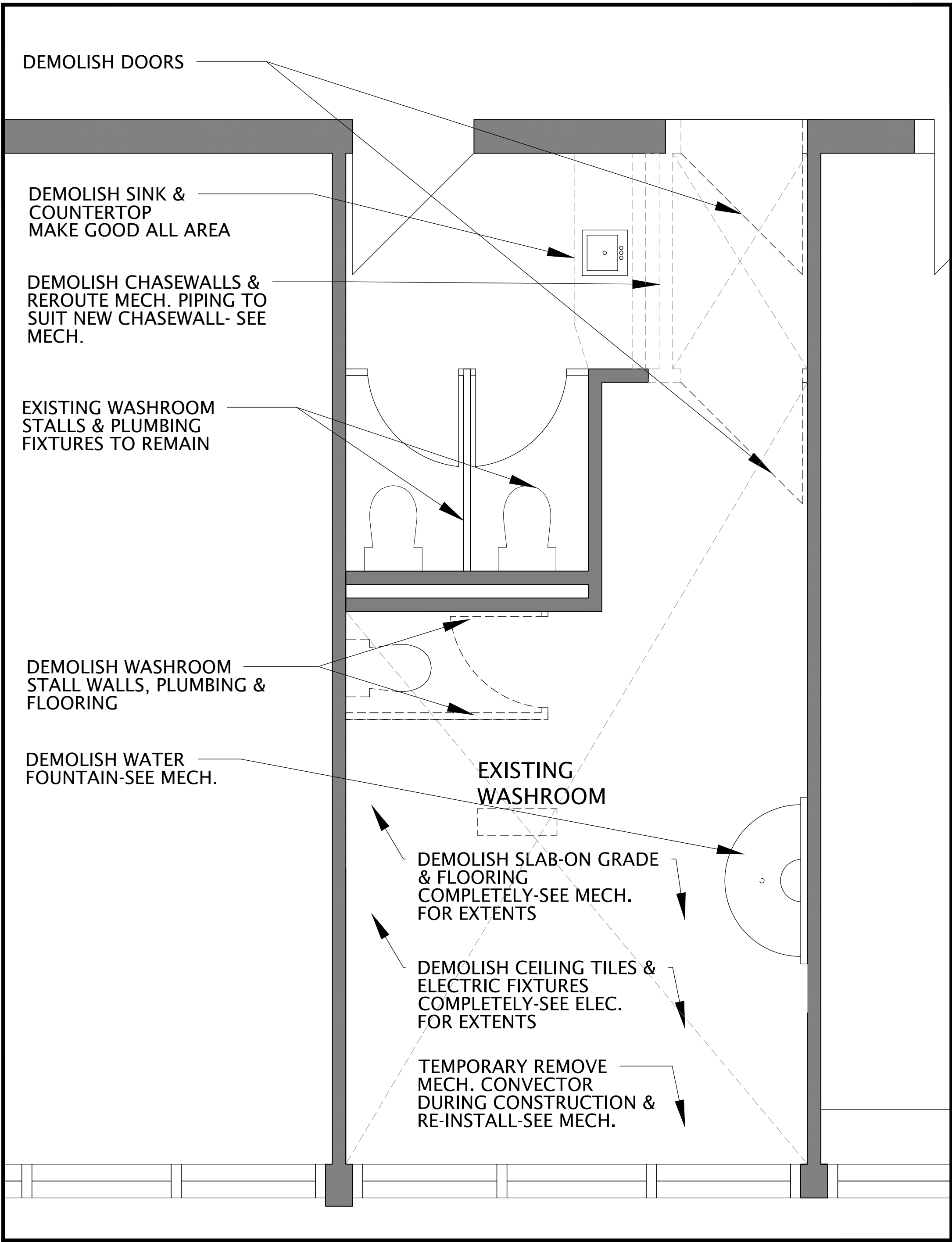
NEW HOLD-OPEN DOOR OPERATORS

TYP. TYPICAL

FIRE SEPARATION WITH 2 HR FIRE-RESISTANCE RATING



2 PARTIAL ENLARGED FIRST FLOOR PLAN-DEMO (STAGE LIFT)  
SCALE: 1:25

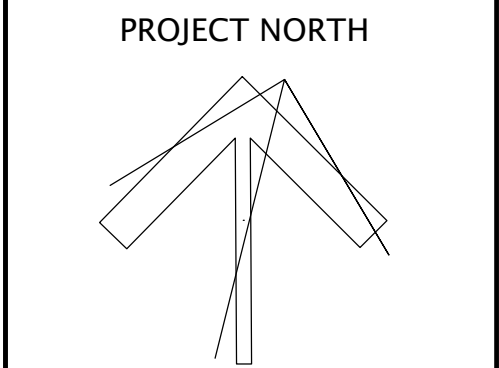


1 PARTIAL FIRST FLOOR PLAN - DEMO (UNIVERSAL WASHROOM)  
SCALE: 1:25

1	26/04/25	RESUBMIT BUILDING PERMIT	NO DATE
2	26/05/19	ISSUED FOR CLIENT REVIEW	NO DATE
3	26/05/19	ISSUED FOR CLIENT REVIEW	NO DATE
4	26/07/21	ISSUED FOR CLIENT REVIEW	NO DATE

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60 Bennett Rd,  
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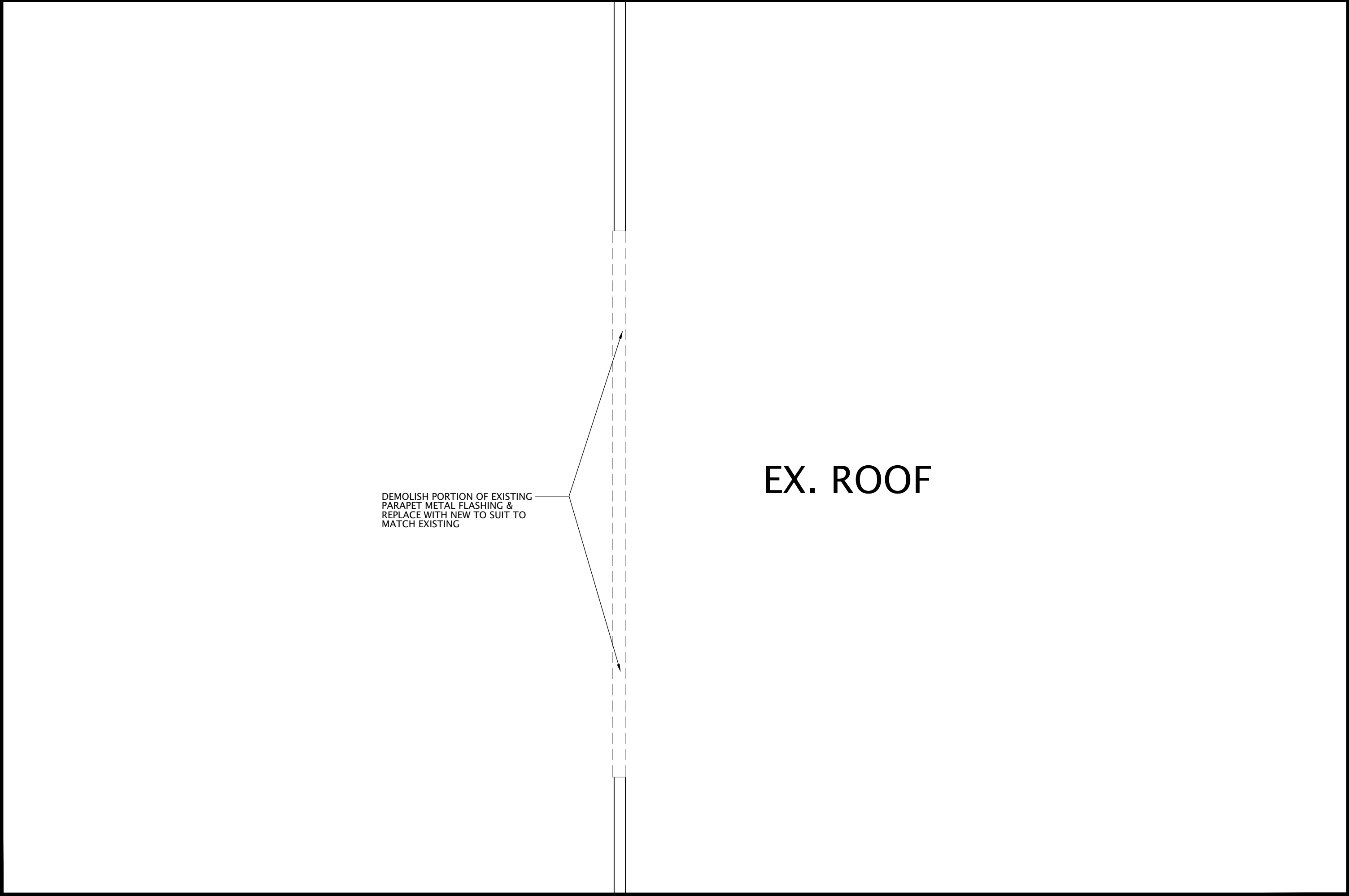
DRAWING TITLE:  
PARTIAL ENLARGED FIRST  
FLOOR PLANS-DEMO  
(STAGE LIFT & UNIVERSAL WASHROOM)

PROJECT NO: A25006	SCALE: 1:25
DRAWN: K+	DRAWING NO: REV.
CHECKED: K+	A2-1 4
DATE: DEC. 2025	

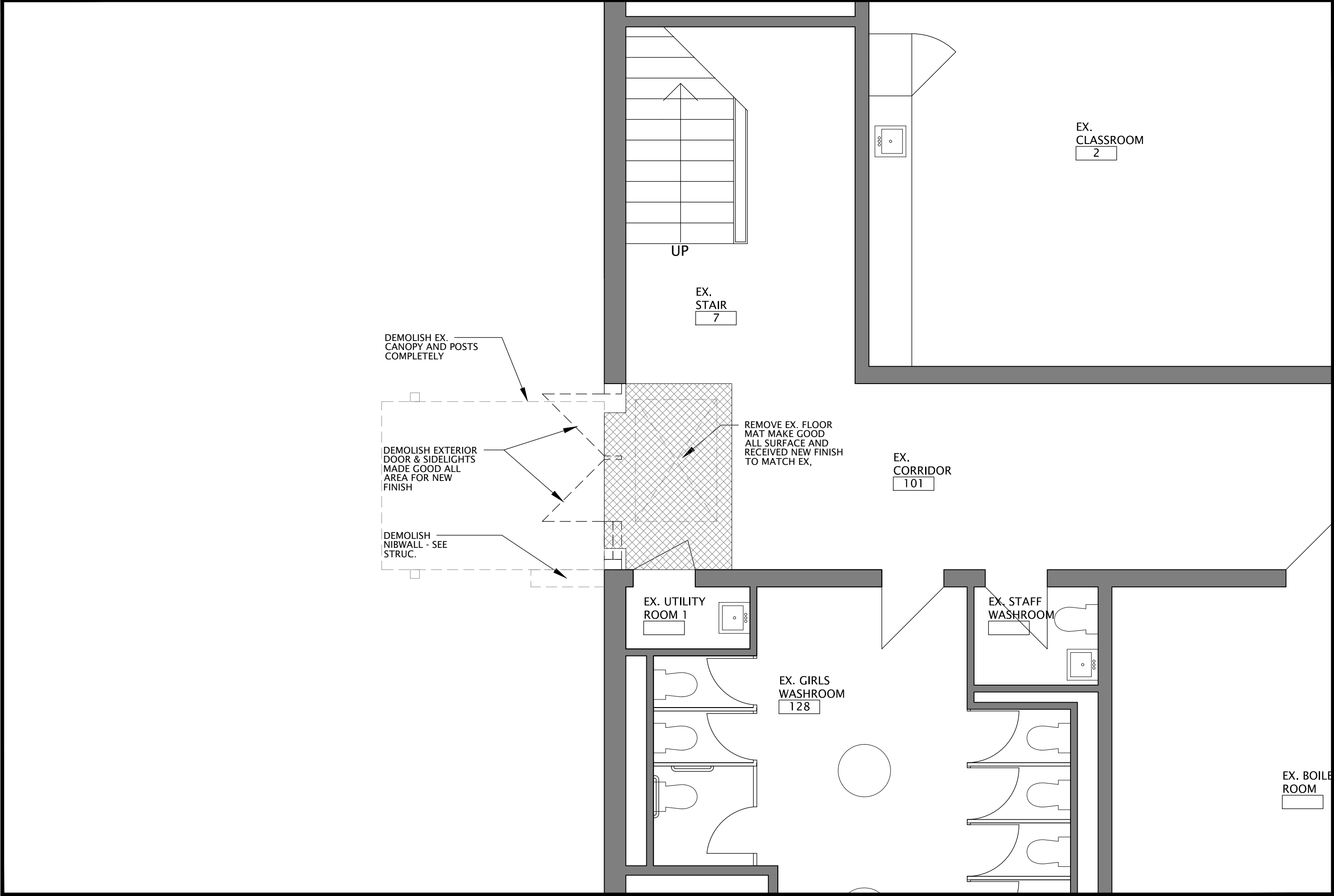




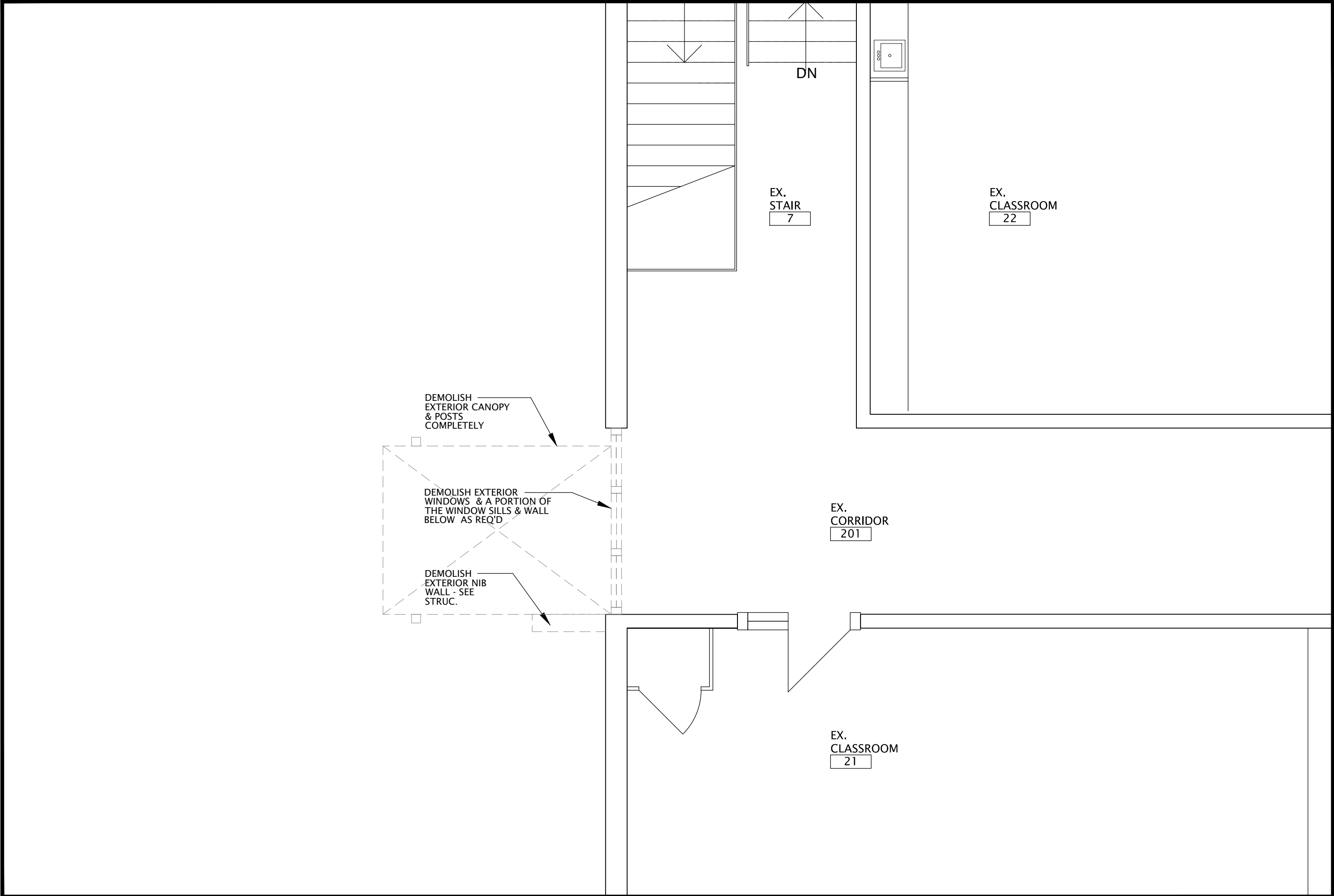




3 PARTIAL ROOF PLAN - DEMO AT ELEVATOR  
SCALE: 1:50



1 PARTIAL FIRST FLOOR PLAN - DEMO AT ELEVATOR  
SCALE: 1:50

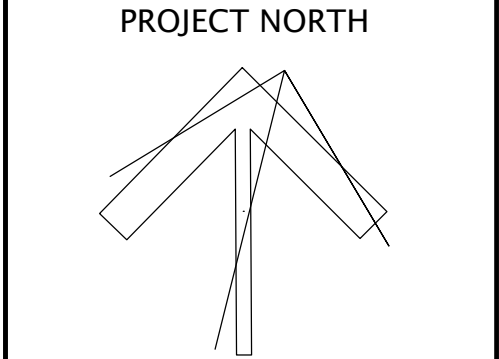


2 PARTIAL SECOND FLOOR PLAN - DEMO AT ELEVATOR  
SCALE: 1:50

NO.	DATE	REVISION
4	26/04/25	RESUBMIT BUILDING PERMIT
3	26/03/25	ISSUED FOR CLIENT REVIEW
2	26/03/18	ISSUED FOR CLIENT REVIEW
1	26/03/17	ISSUED FOR CLIENT REVIEW
0	26/03/21	ISSUED FOR CLIENT REVIEW

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Scarborough, Ontario  
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DRAWING TITLE:  
PARTIAL ENLARGED FIRST,  
SECOND & ROOF FLOOR PLANS-  
DEMO AT ELEVATOR AREA

PROJECT NO: A25006	SCALE: 1:50
DRAWN: K+	DRAWING NO.: REV.
CHECKED: K+	A2-3 4
DATE: DEC. 2025	

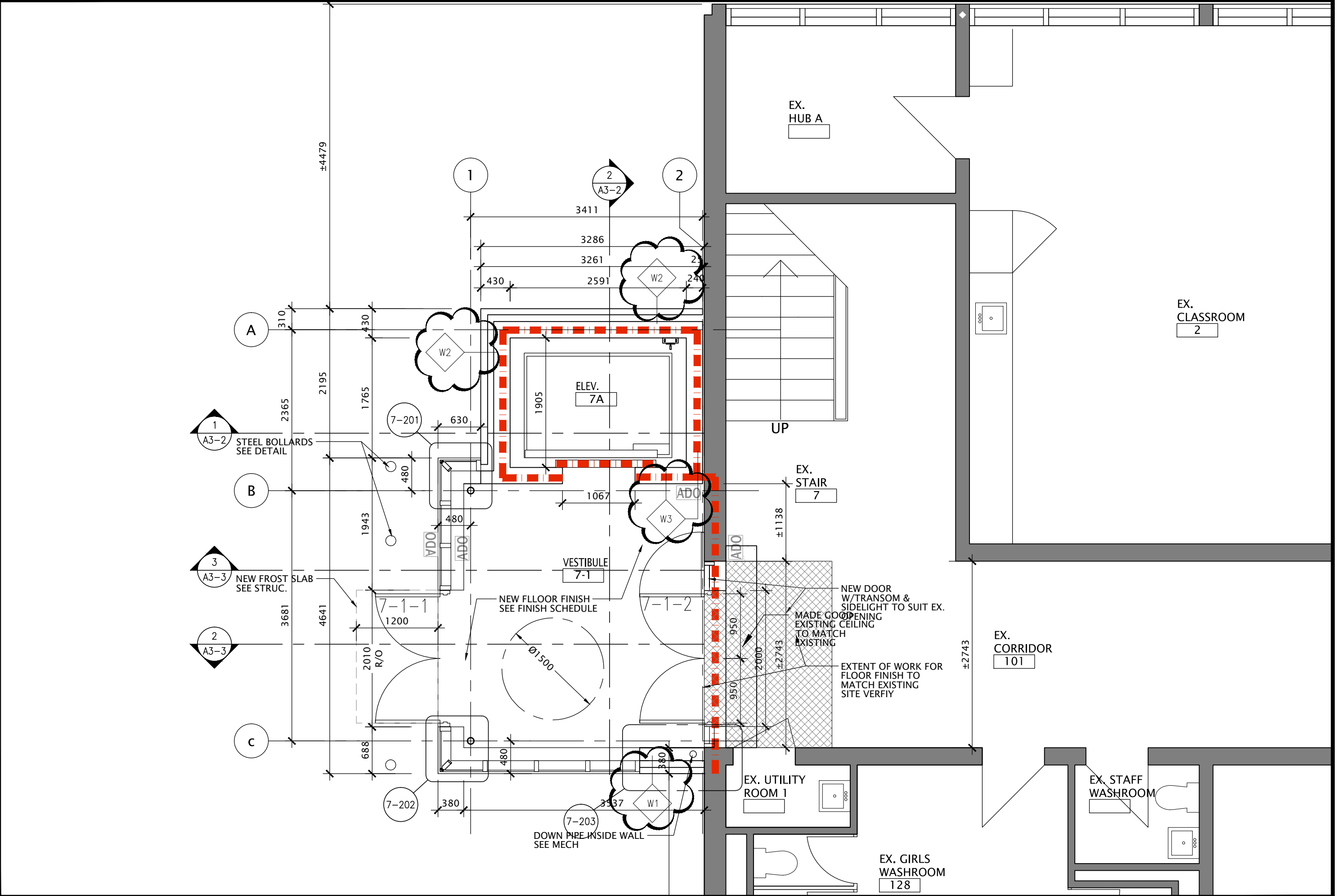


ROOFING SPECIFIC NOTES

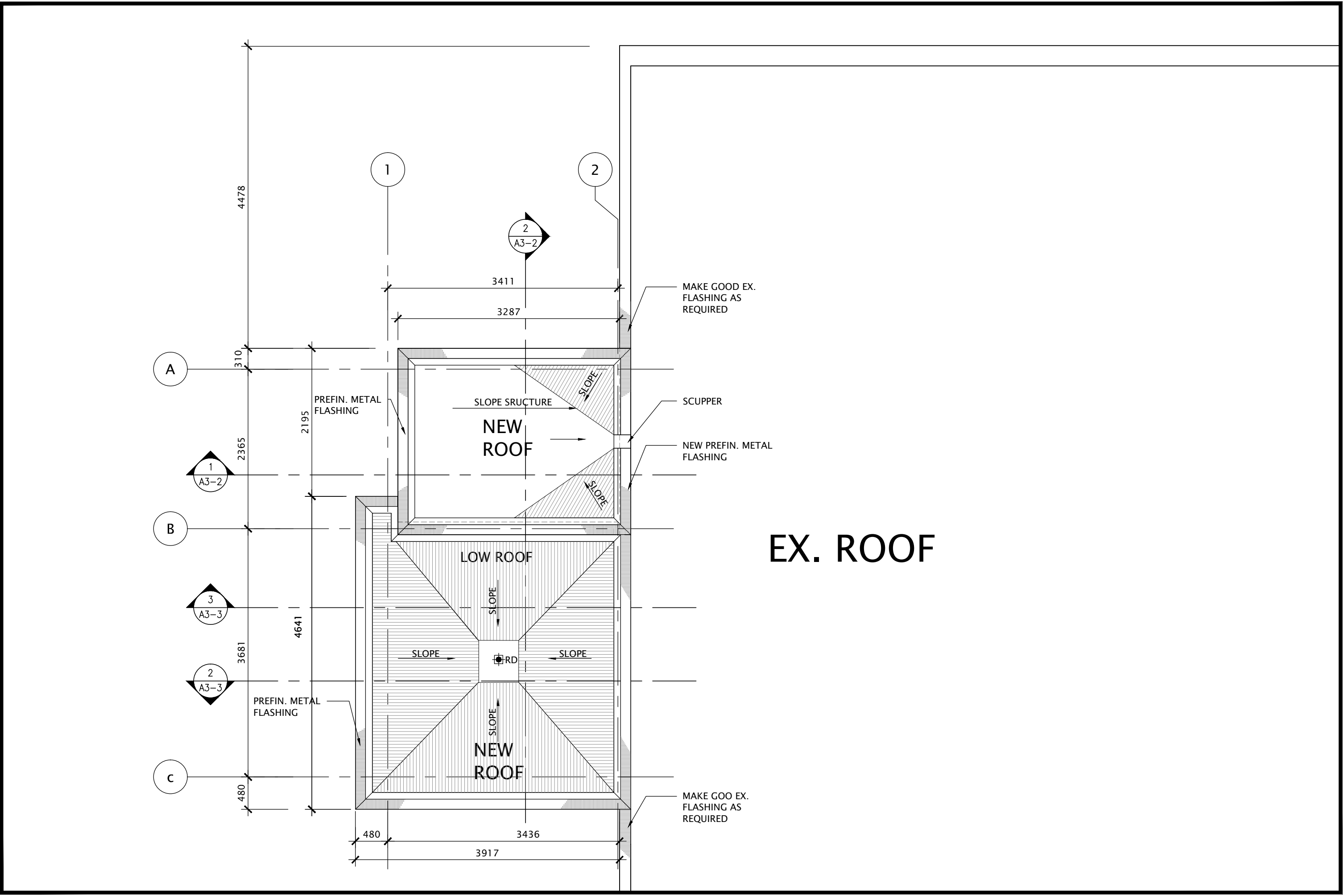
1. ROOFING CONTRACTOR TO NOTIFY TDSB IN ADVANCE WHEN THEY WILL BE WORKING AT THE SITE, INFORM THE TDSB ABOUT THE USE OF A LIFT MACHINE AND THE PROPOSED LOCATION, AND NOTIFY THE TDSB ABOUT CLASSROOMS OR OTHER INDOOR SPACES THAT MAY BE AFFECTED BY THE WORK.
2. ROOFING CONTRACTOR TO COMMUNICATE WITH THE HEAD CARETAKER THAT THE WORK IS COMMENCING
3. ROOFING CONTRACTOR TO INQUIRE WITH THE TDSB ABOUT ANY APPLICABLE WARRANTIES ON ROOF AREAS WITHIN THE SCOPE OF WORK AND COORDINATE WITH THE MANUFACTURER TO ENSURE THE WARRANTY IS MAINTAINED.
4. ANY WORK ON ROOF AREAS WHICH DO NOT HAVE A WARRANTY IS TO BE PERFORMED WITH BEST ROOFING PRACTICES IN COORDINATION WITH TDSB MAINTENANCE STAFF. IF ROOF CURB MEMBRANE FLASHINGS ARE REVEALED TO BE DETEIORATED, REPAIR WORK TO BE COMPLETED WITH BEST ROOFING PRACTICES TO PREVENT MOISTURE INGRESS TO THE INTERIOR OF THE BUILDING.
5. ALL ROOFING WORK IS TO BE FLAMELESS, ROOFING TORCHES ARE NOT TO BE USED ON TDSB BUILDINGS.
6. PROVIDE PLASTIC SHEETING OVER SKYLIGHT OPENING IF LOW-ODOUR ASPHALT ROOFING IS BEING INSTALLED TO MINIMIZE THE IMPACT OF THE ODOURS.
7. CONTRACTOR TO PROVIDE INTERIOR PROTECTION TO FLOORING AND FURNITURE BENEATH THE WORKING AREA.
8. VENTILATION PACKAGES AND AIR QUALITY TESTING MAY BE REQUIRED FOR ASPHALT ROOFING APPLICATIONS.
9. NEW ROOFING PRODUCTS MUST BE COMPATIBLE WITH EXISTING MANUFACTURER'S PRODUCTS. ROOFING CONTRACTOR TO BE APPROVED WITH EXISTING MANUFACTURER. ROOFING CONTRACTOR IS RESPONSIBLE TO NOTIFY MANUFACTURER ABOUT ANY MODIFICATION PRIOR TO EXECUTION IN OTHER TO NOT VOID THE WARRANTY.

LEGEND:

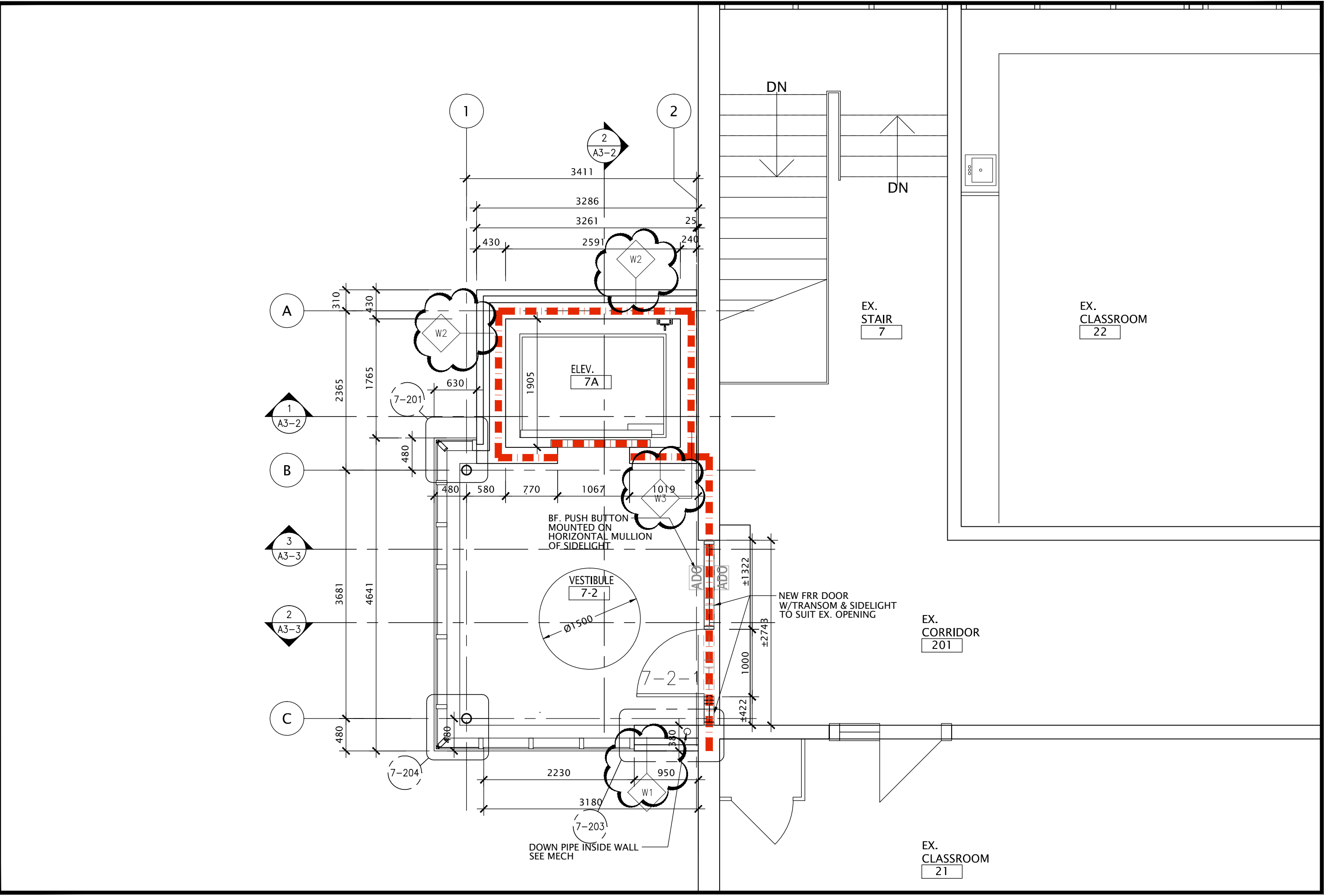
- NEW ADDITION WALLS
- EXISTING WALLS TO REMAIN
- SEE DOOR & FRAME SCHEDULE FOR TYPE OF MODIFICATION REQ'D TO EXISTING DOOR
- SEE DOOR & FRAME SCHEDULE FOR NEW DOOR
- NEW BARRIER FREE DOOR OPERATORS
- NEW HOLD-OPEN DOOR OPERATORS
- TYP. TYPICAL
- FIRE SEPARATION WITH 2 HR FIRE-RESISTANCE RATING



1 PARTIAL FIRST FLOOR PLAN - NEW ELEVATOR  
SCALE: 1:50



3 PARTIAL ROOF PLAN - NEW ELEVATOR  
SCALE: 1:50

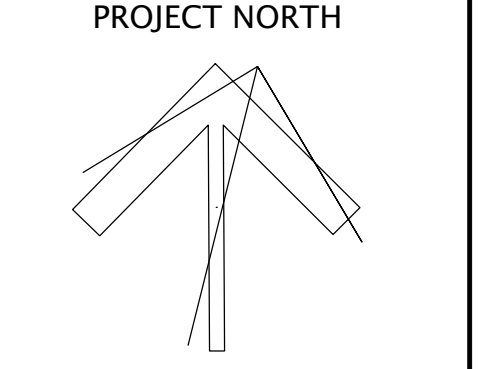


2 PARTIAL SECOND FLOOR PLAN - NEW ELEVATOR  
SCALE: 1:50

NO.	DATE	REVISION
1	26/09/20	RESUBMIT BUILDING PERMIT
2	26/09/19	ISSUED FOR CLIENT REVIEW
1	26/09/17	ISSUED FOR CLIENT REVIEW
0	26/07/21	ISSUED FOR CLIENT REVIEW

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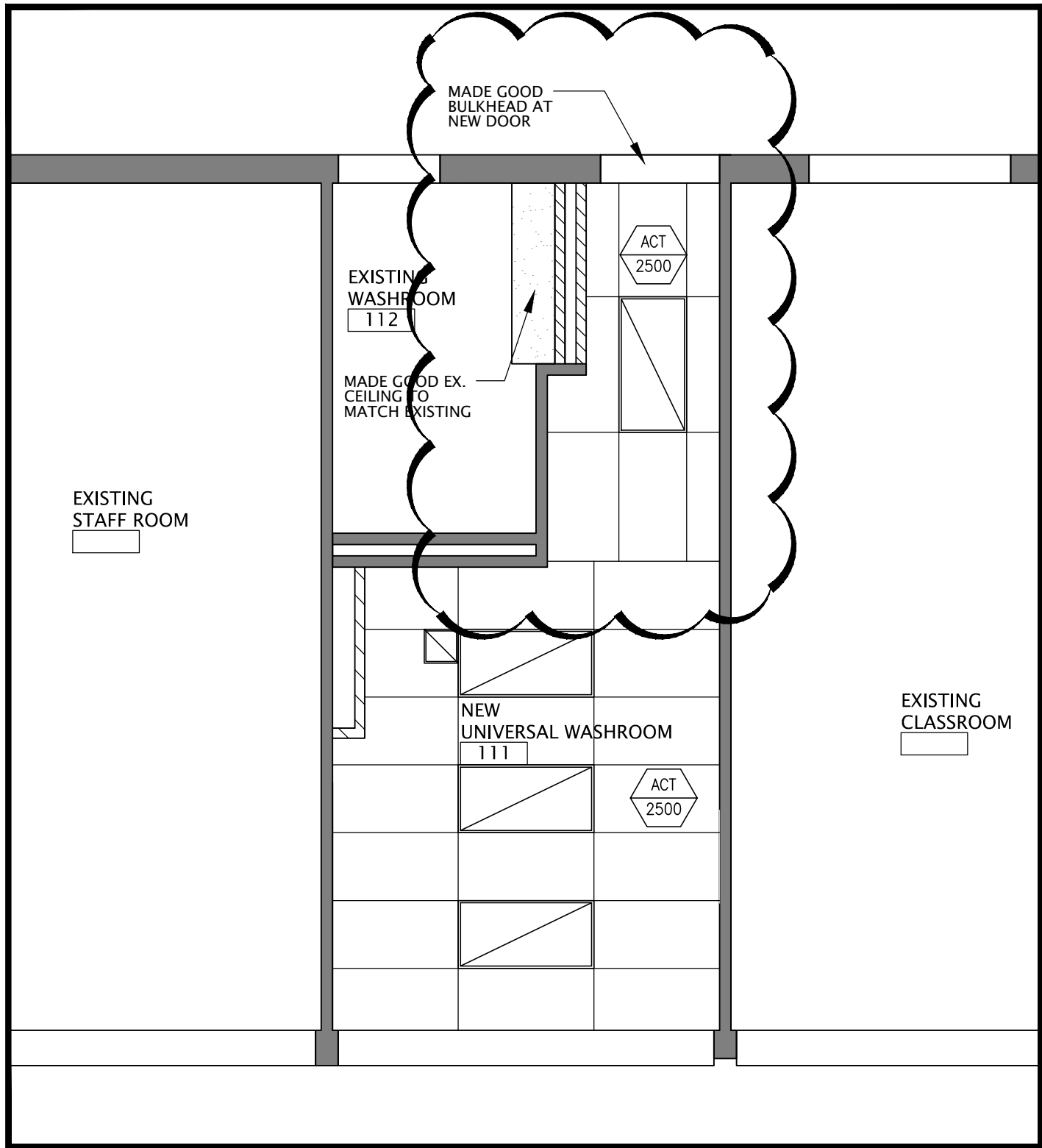


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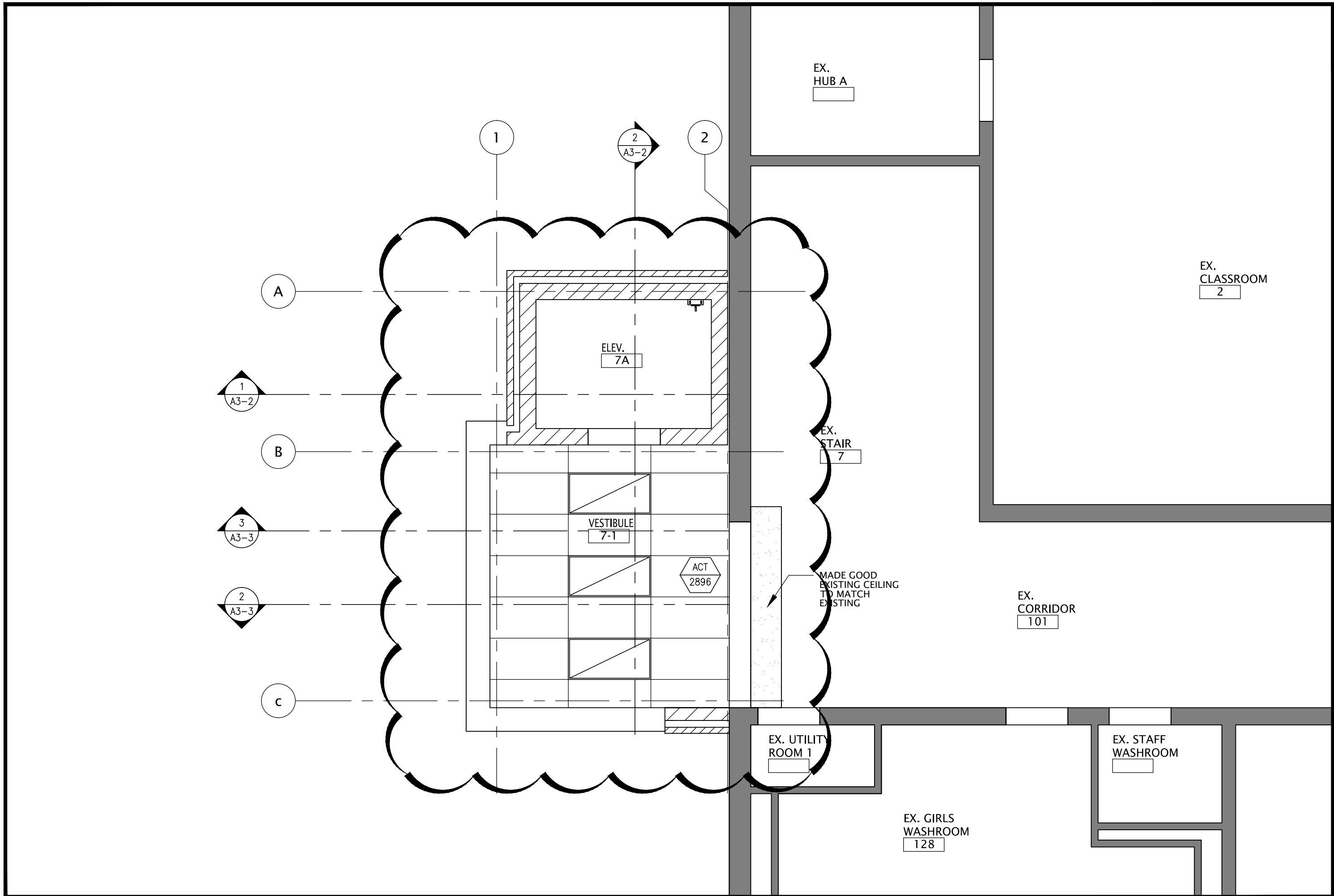
DRAWING TITLE:  
PARTIAL ENLARGED FIRST,  
SECOND & ROOF FLOOR PLANS-  
NEW ELEVATOR

PROJECT NO: A25006	SCALE: 1:250
DRAWN: K+	DRAWING NO.: REV.
CHECKED: K+	A2-4
DATE: DEC. 2025	4

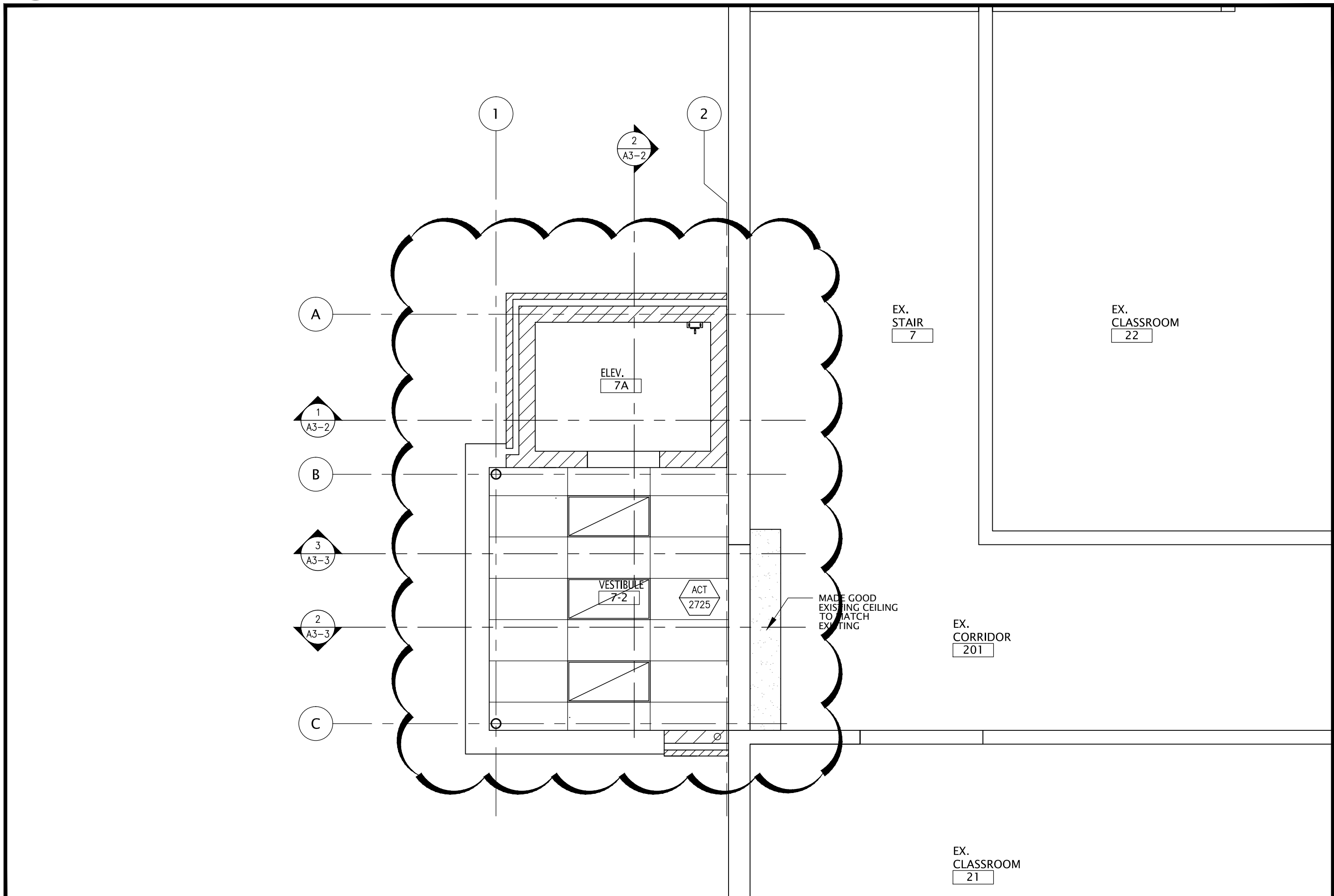




3 PARTIAL CEILING PLAN - UNIVERAL WASHROOM  
SCALE: 1:50



1 PARTIAL FIRST FLOOR PLAN - CEILING  
SCALE: 1:50



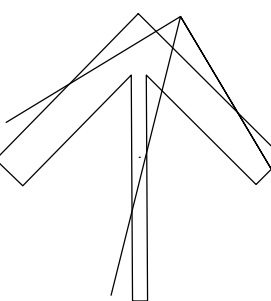
2 PARTIAL SECOND FLOOR PLAN - CEILING  
SCALE: 1:50

NO.	DATE	REVISION
1	26/09/20	RESUBMIT BUILDING PERMIT
2	26/09/20	RESUBMIT BUILDING PERMIT
3	26/09/20	ISSUED FOR CLIENT REVIEW
4	26/09/20	ISSUED FOR CLIENT REVIEW

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PROJECT NORTH



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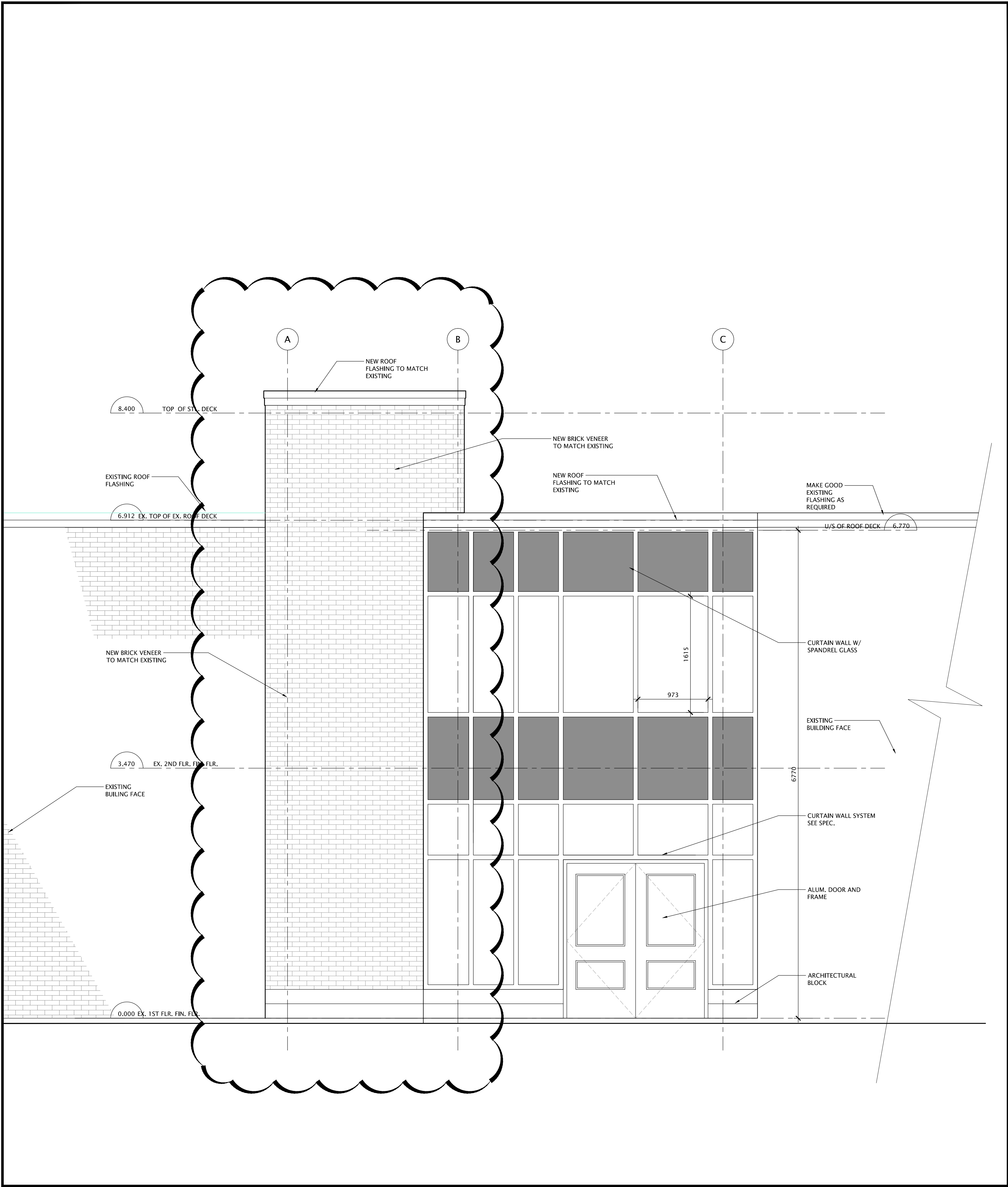
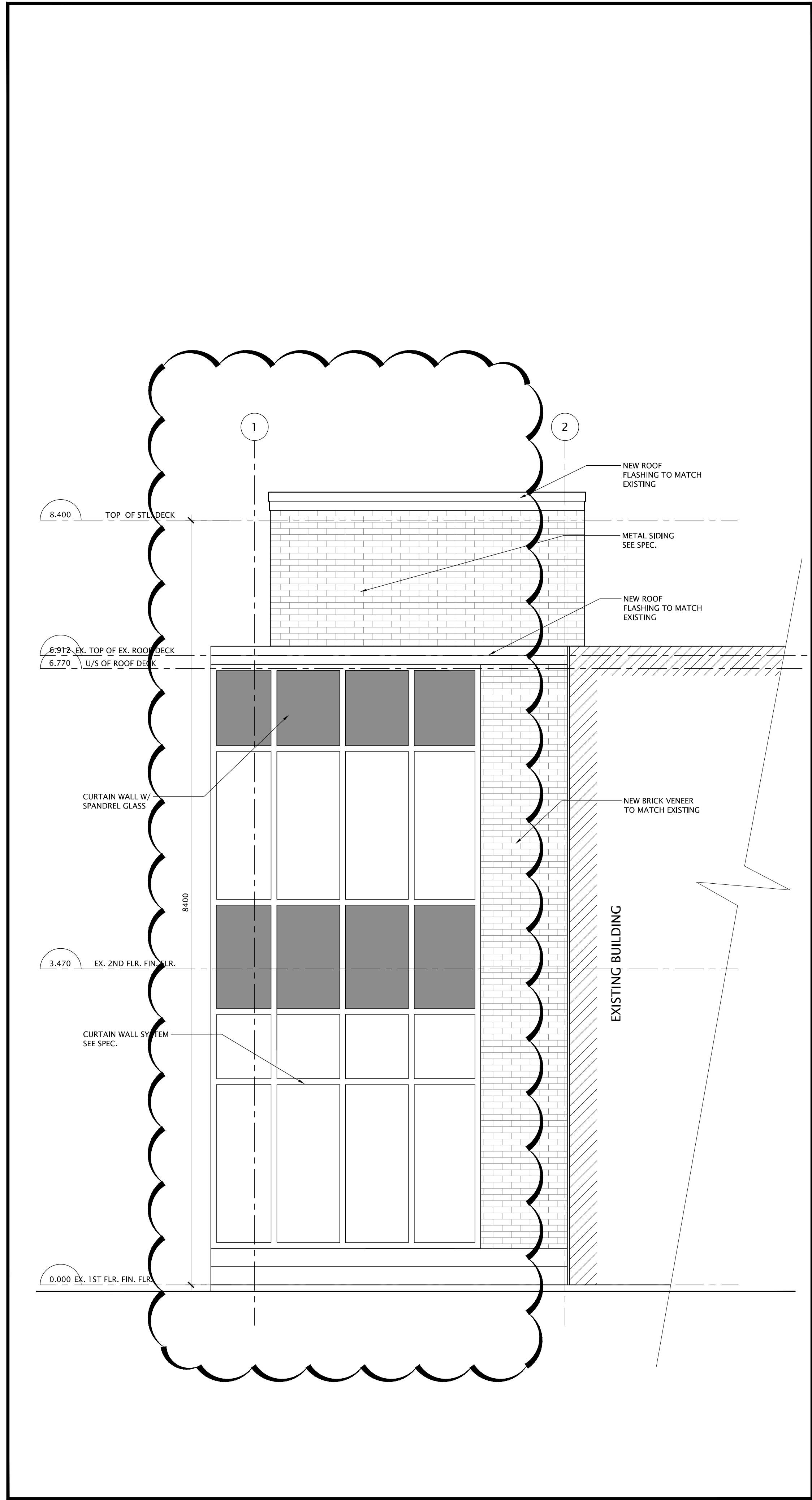
TR-25-0951  
60 Bennett Rd,  
Scarborough, Ontario  
M1E 3Y3

DRAWING TITLE:  
PARTIAL ENLARGED FIRST,  
SECOND VESTIBULE AND  
UNIVERSAL WASHROOM

PROJECT NO: A25006	SCALE: 1:250
DRAWN: K+	DRAWING NO.: REV.
CHECKED: K+	A2-5
DATE: DEC. 2025	4

FILES: A25006 - A2-5 ENLARGE CEILING





1	26/04/25	RESUBMIT BUILDING PERMIT	NO DATE	REVISION
2	26/05/19	ISSUED FOR CLIENT REVIEW		
3	26/05/19	ISSUED FOR CLIENT REVIEW		
4	26/07/27	ISSUED FOR CLIENT REVIEW		

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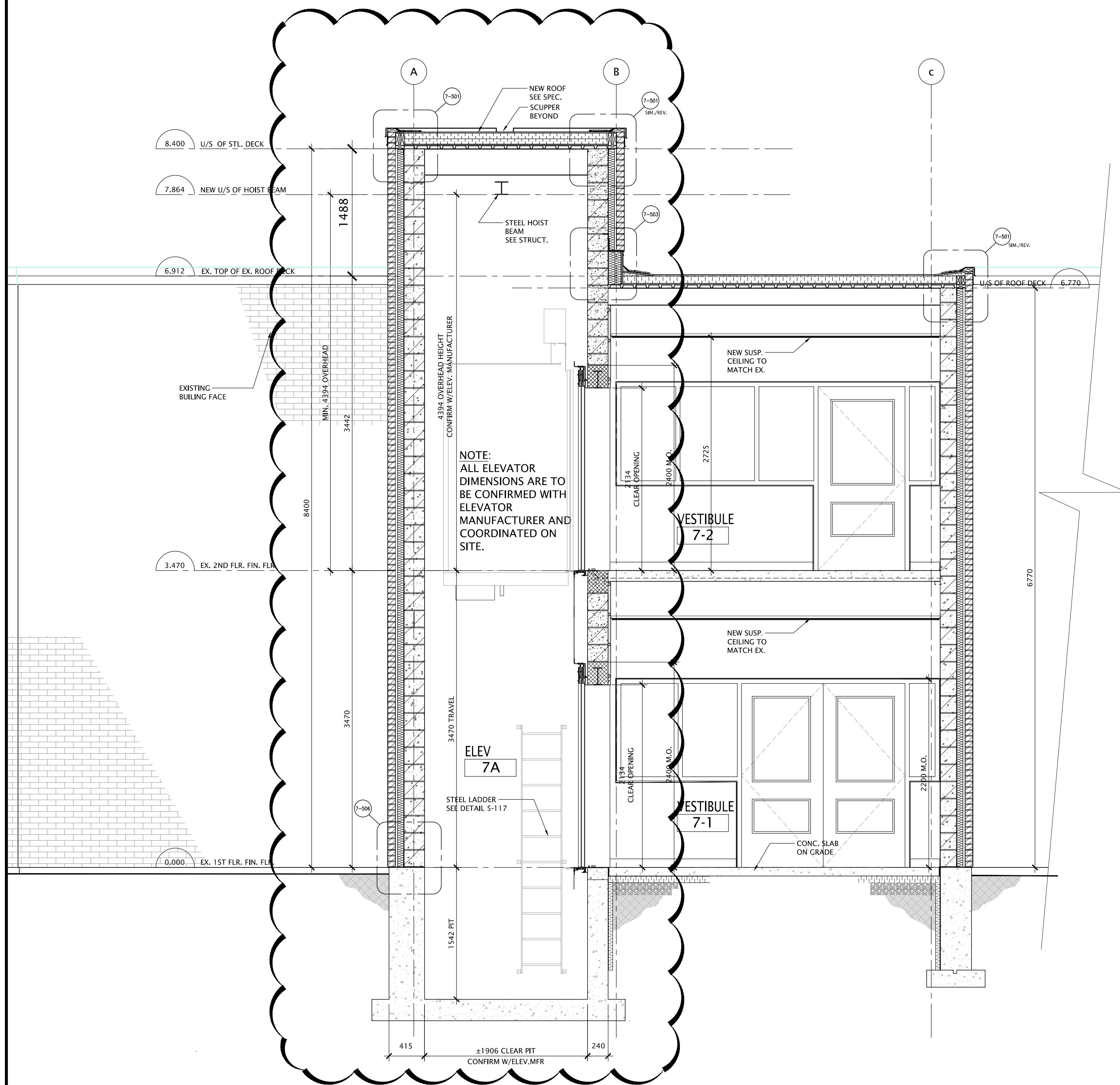


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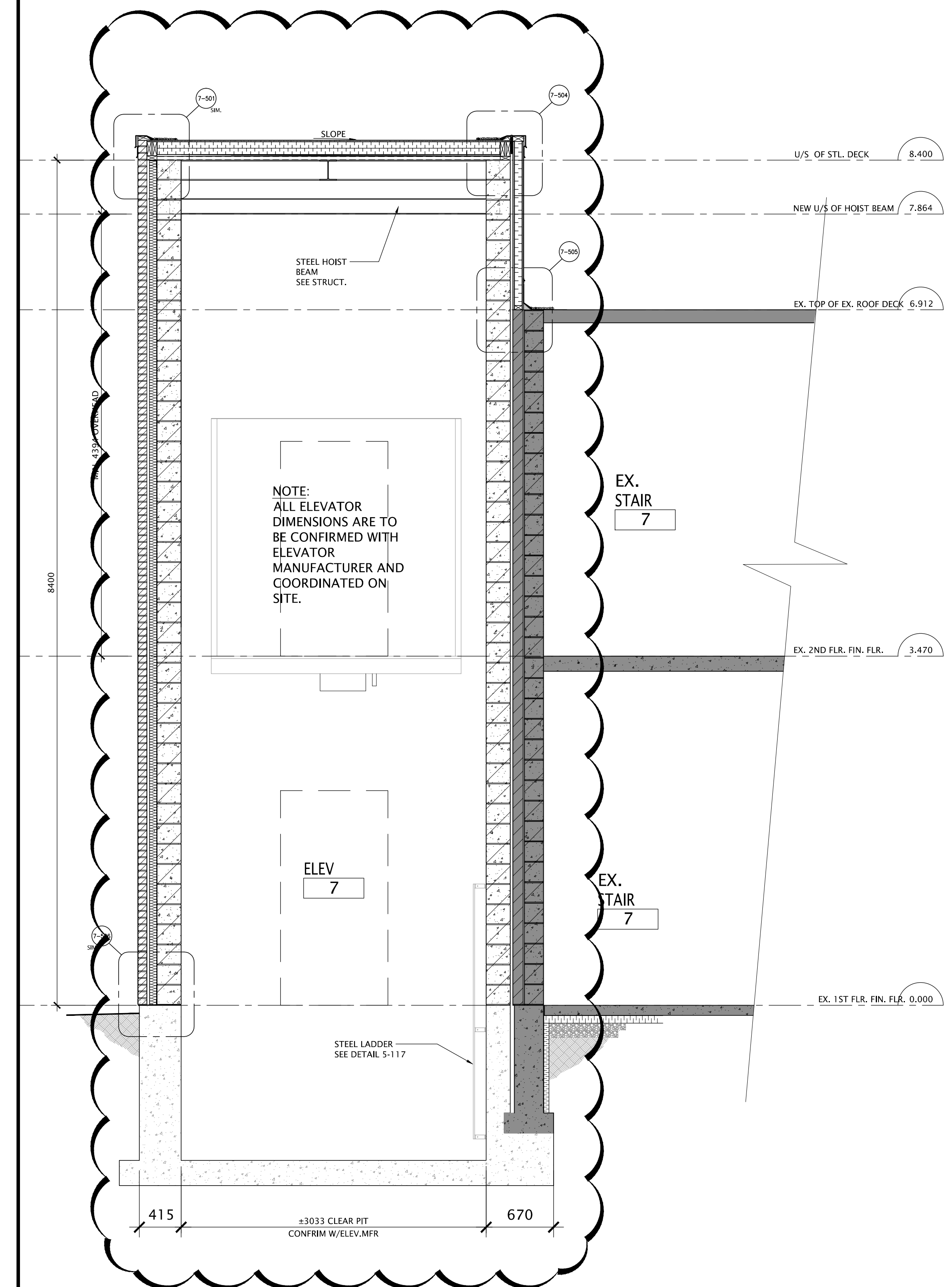
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PROJECT NO: A25006	SCALE: 1:30		
DRAWN: K+	DRAWING NO:	REV.	
CHECKED: K+	A3-1		4
DATE: DEC. 2025			

FILES: A25006- A3-1 ELEVATOR ELEV.DWG





2 ELEVATOR SHAFT SECTION  
A3-1 SCALE: 1:30



1 ELEVATOR SHAFT SECTION  
A3-1 SCALE: 1:30

4	26/04/20	RESUBMIT BUILDING PERMIT
3	26/03/19	ISSUED FOR CLIENT REVIEW
2	26/03/19	ISSUED FOR CLIENT REVIEW
1	26/02/17	ISSUED FOR CLIENT REVIEW
	0	26/01/27
NO DATE:		REVISION

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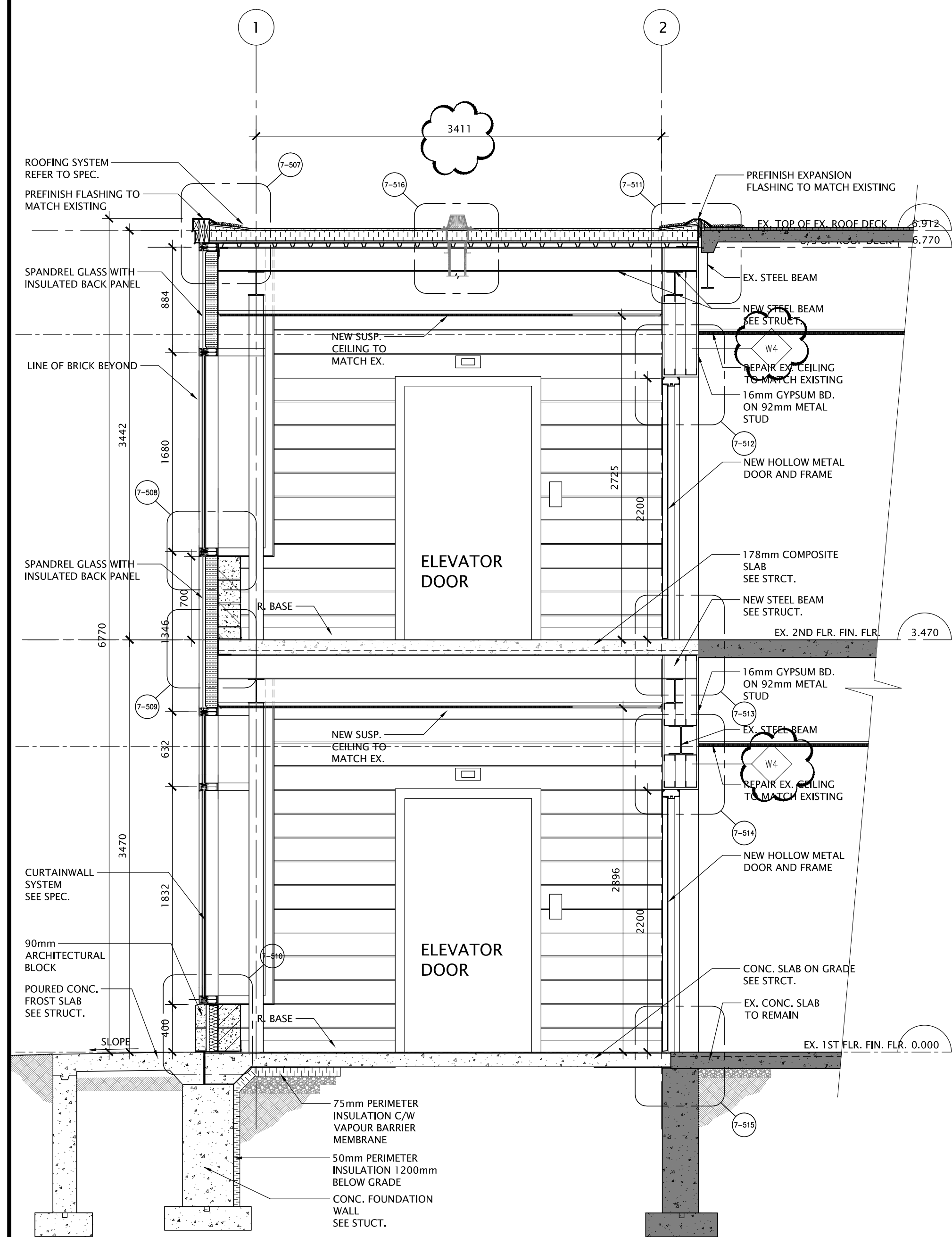
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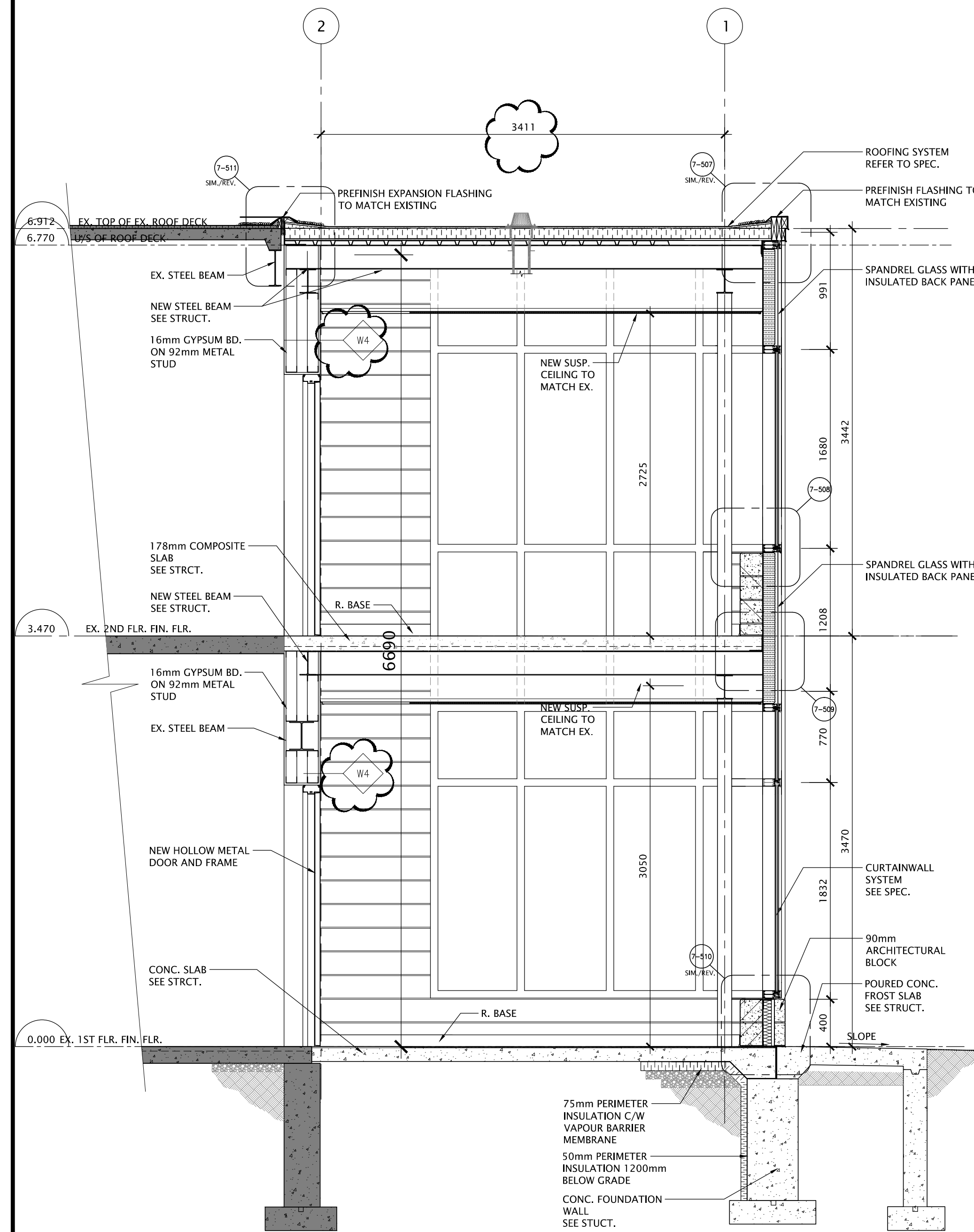
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DRAWN: K+	DRAWING NO:	REV.
CHECKED: K+	A3-2	4
DATE: DEC. 2025		

FILES: A25006- A3-2 ELEVATOR SHAFT.DWG

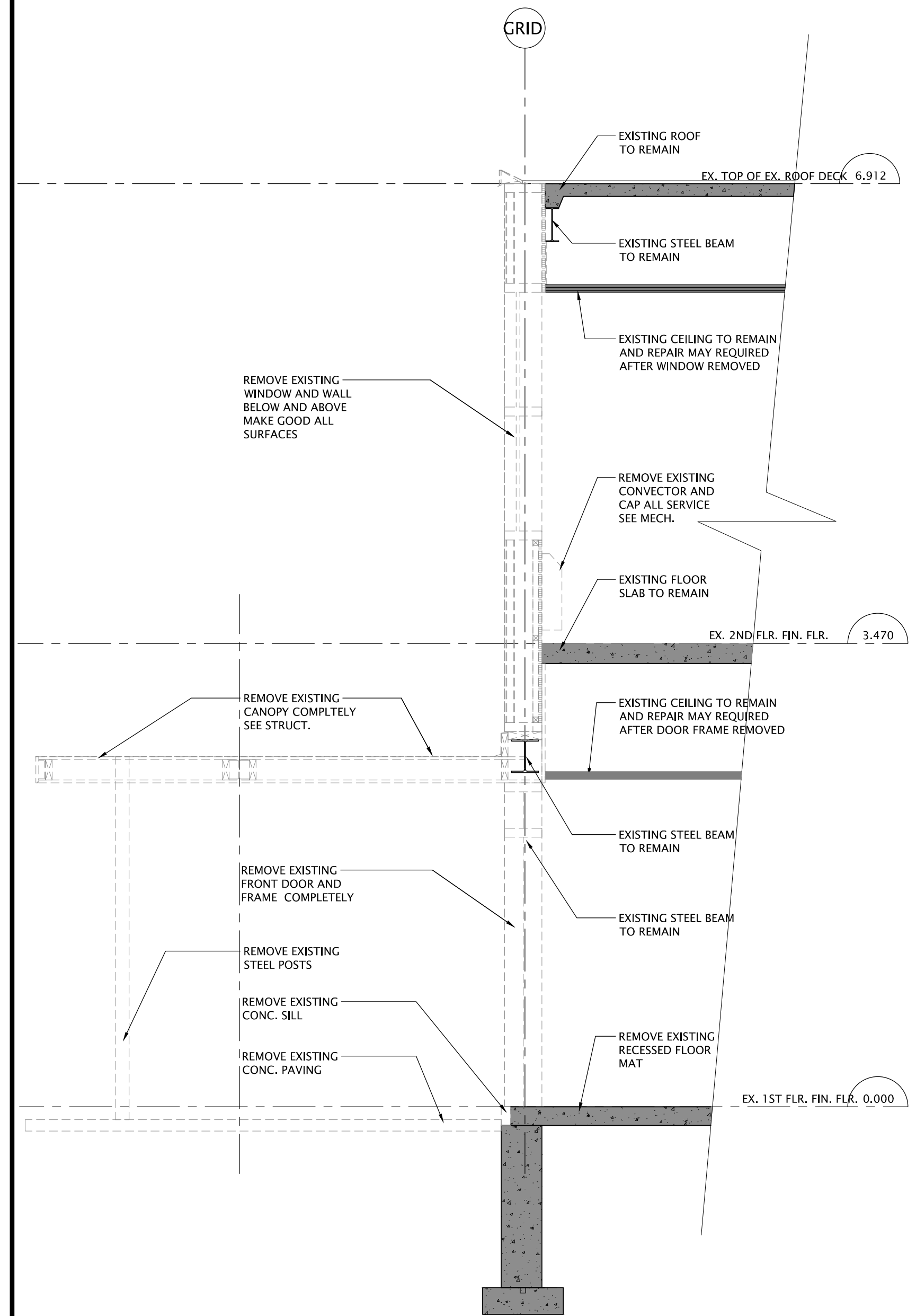




3 SECTION - NEW  
A3-3 SCALE: 1:30



2 SECTION - NEW  
A3-3 SCALE: 1:30



1 SECTION - DEMOLITION  
A3-3 SCALE: 1:30

NO.	DATE	REVISION
1	26/09/20	RESUBMIT BUILDING PERMIT
2	26/09/19	ISSUED FOR CLIENT REVIEW
3	26/09/19	ISSUED FOR CLIENT REVIEW
4	26/09/17	ISSUED FOR CLIENT REVIEW
5	26/09/17	ISSUED FOR CLIENT REVIEW

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M1E 3Y3

DRAWING TITLE:

#### SECTIONS

PROJECT NO: <b>A25006</b>	SCALE: <b>1:30</b>
DRAWN: <b>K+</b>	DRAWING NO.: <b>A3-3</b>
CHECKED: <b>K+</b>	REV. <b>4</b>
DATE: <b>DEC. 2025</b>	

FILES: A25006 - A3-3 SECTIONS.DWG

DATE PLOTTED: Wednesday, April 22, 2026

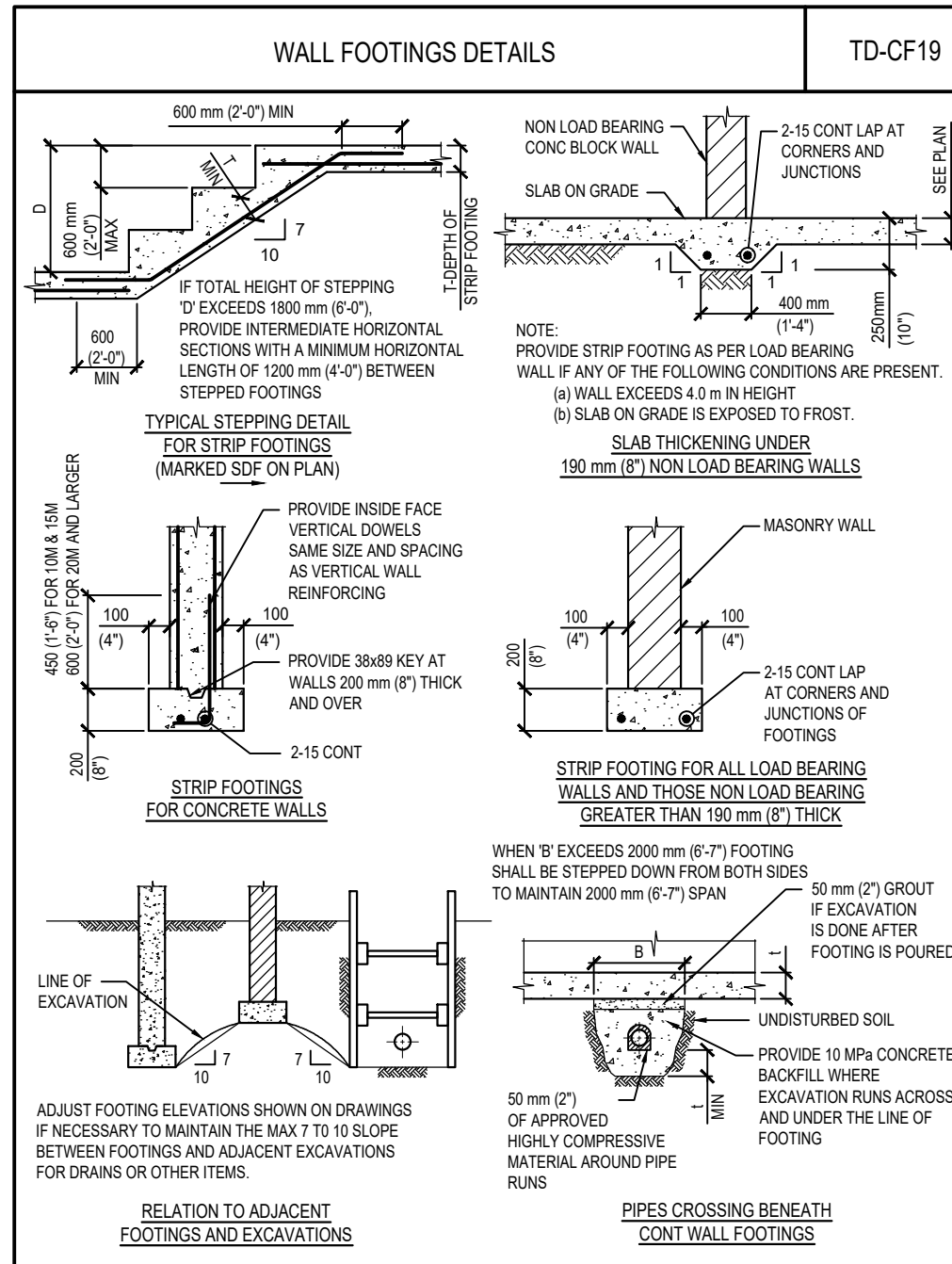
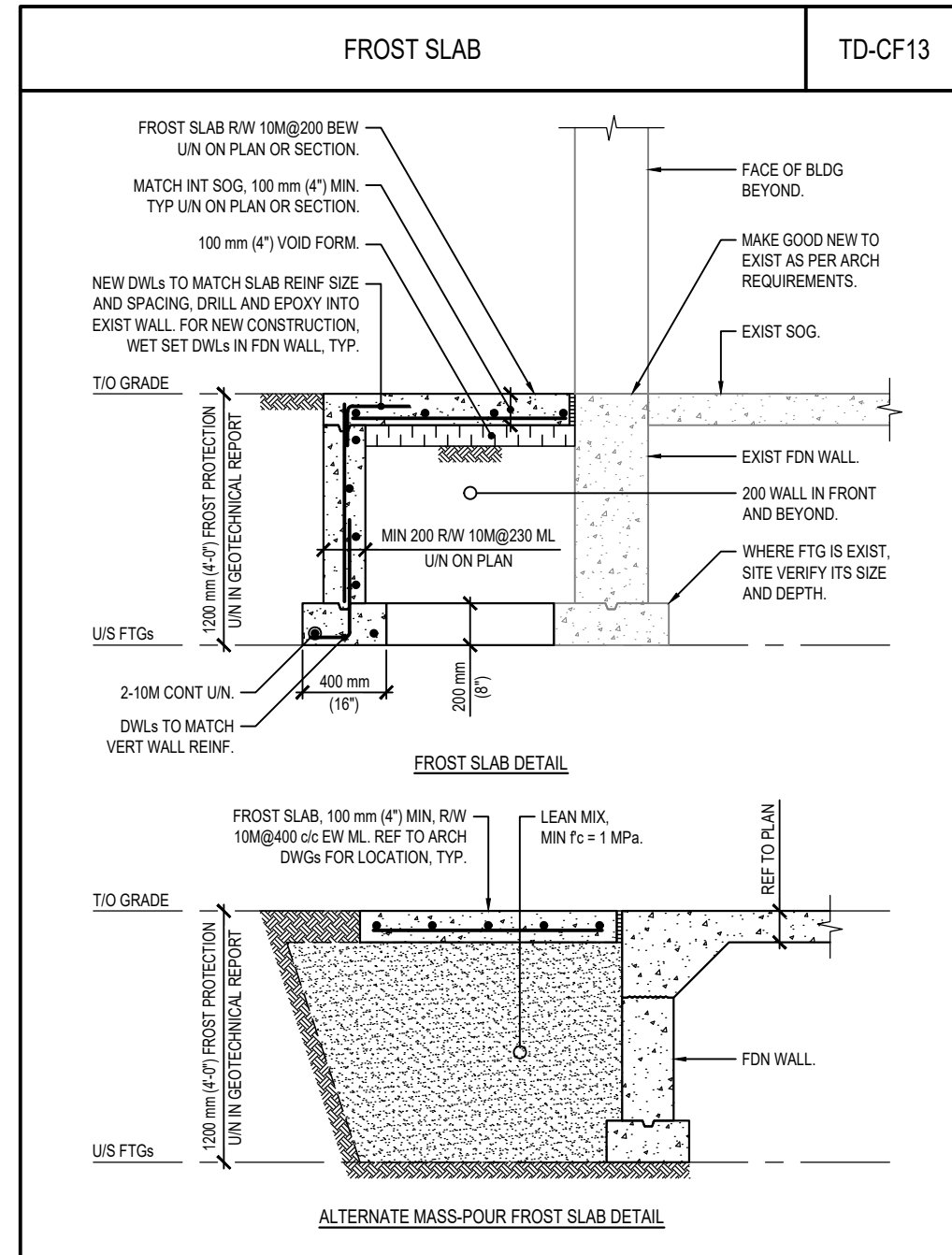
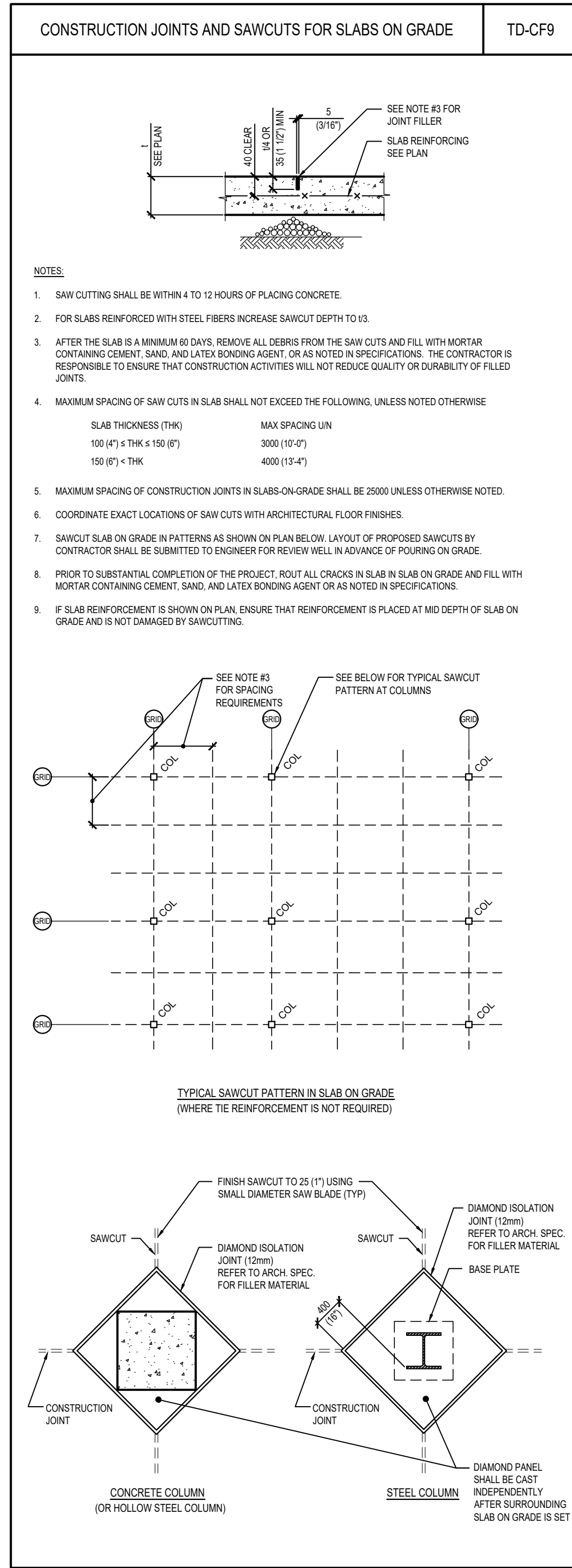
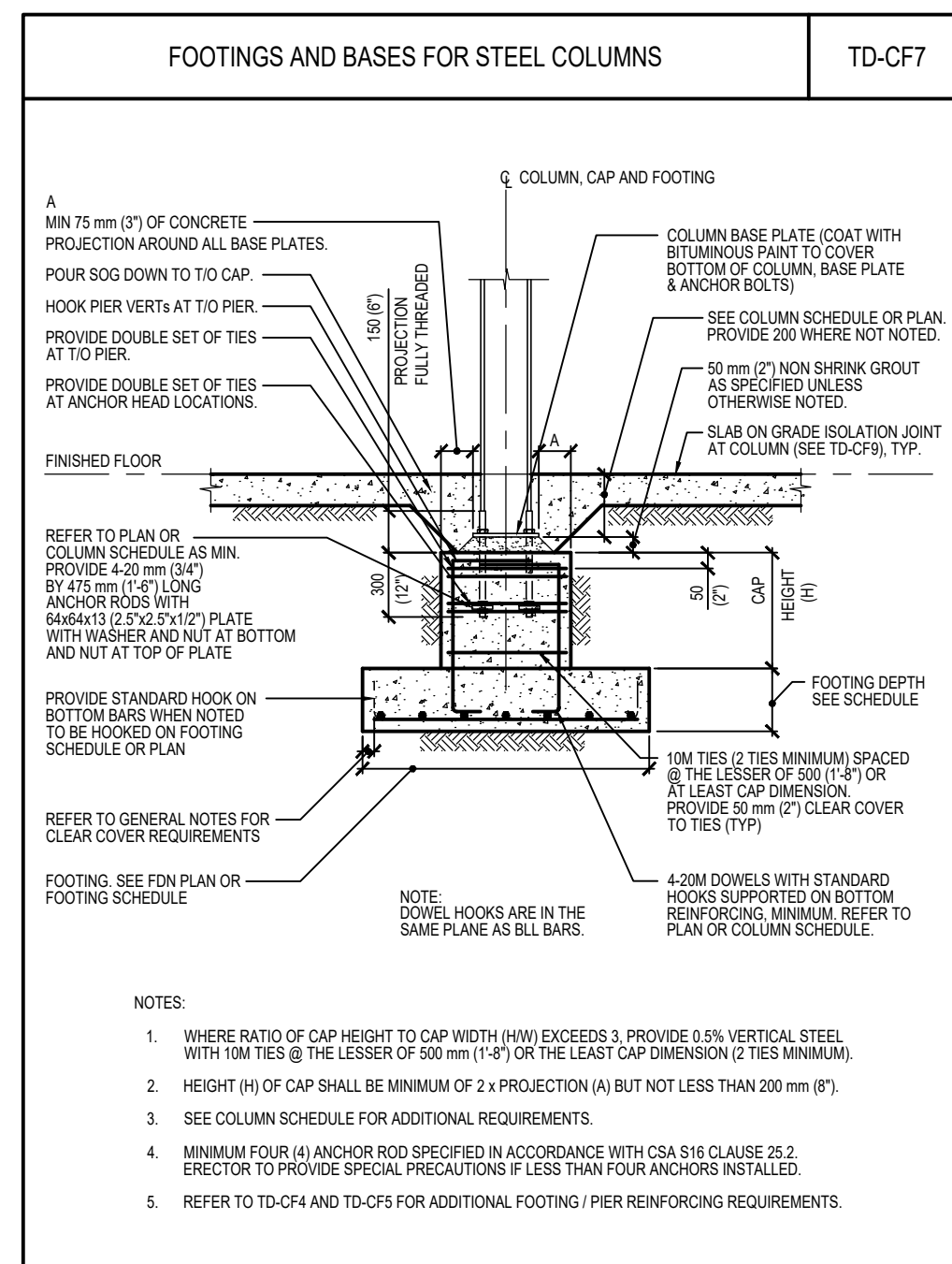
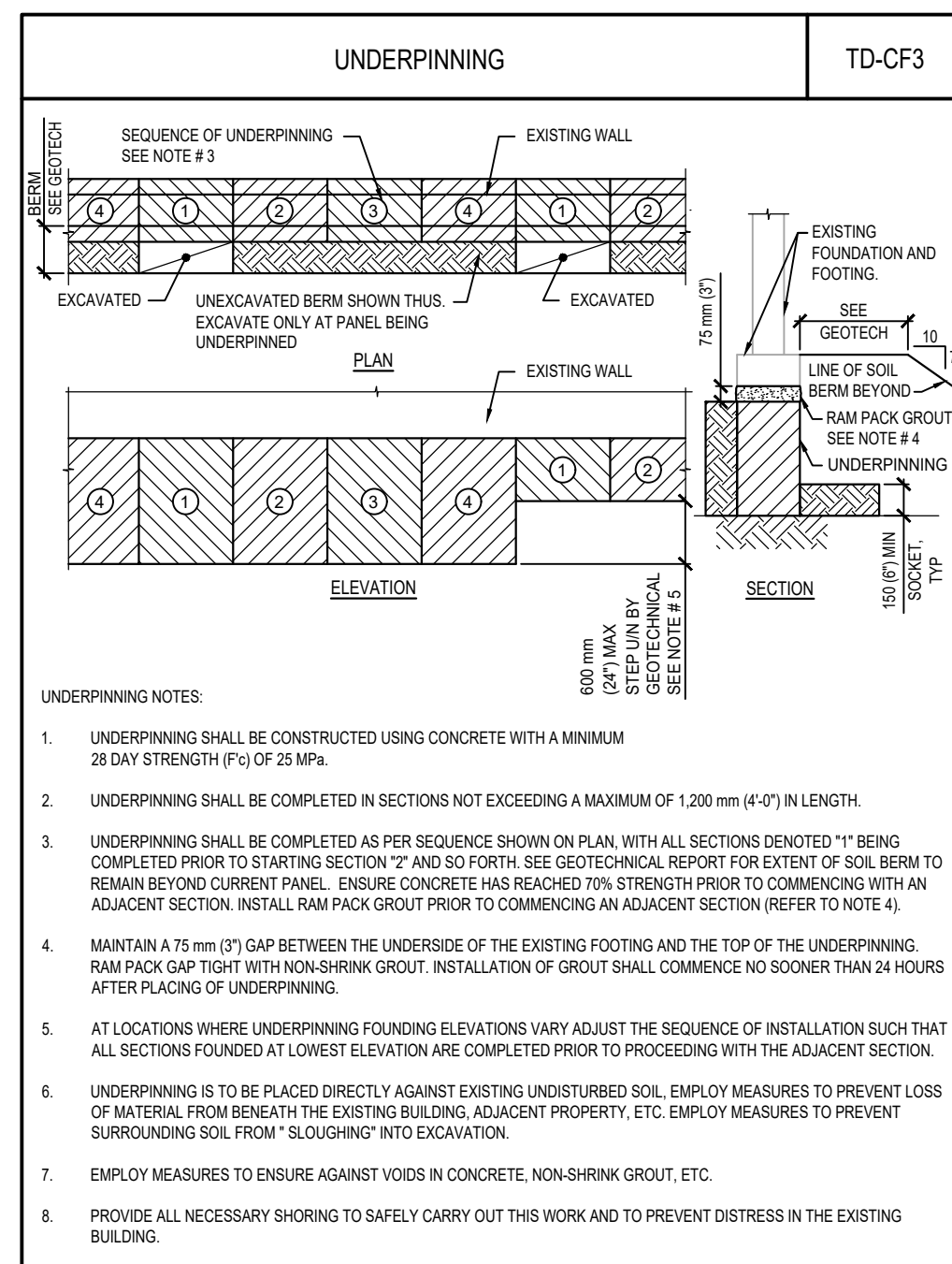
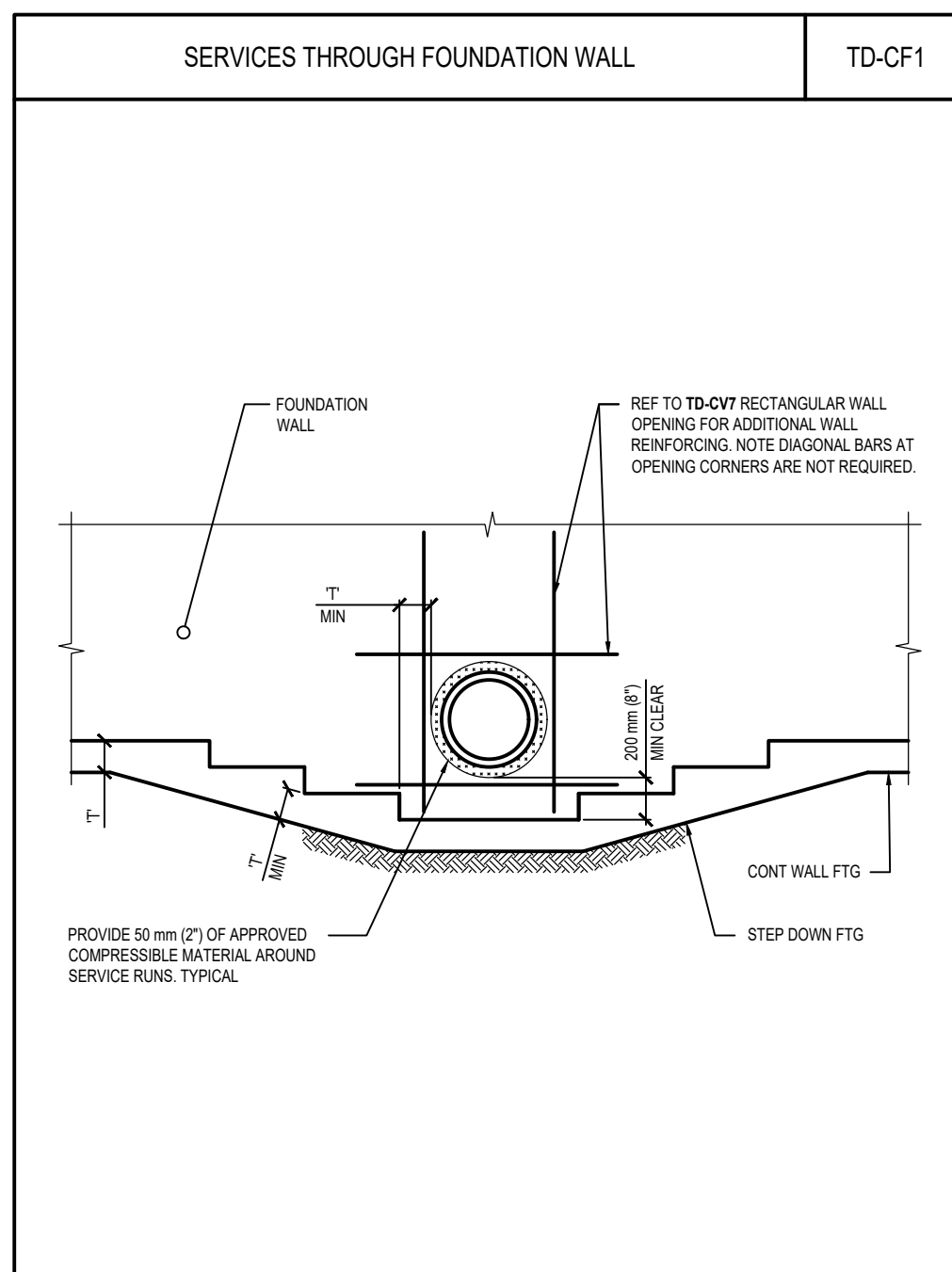
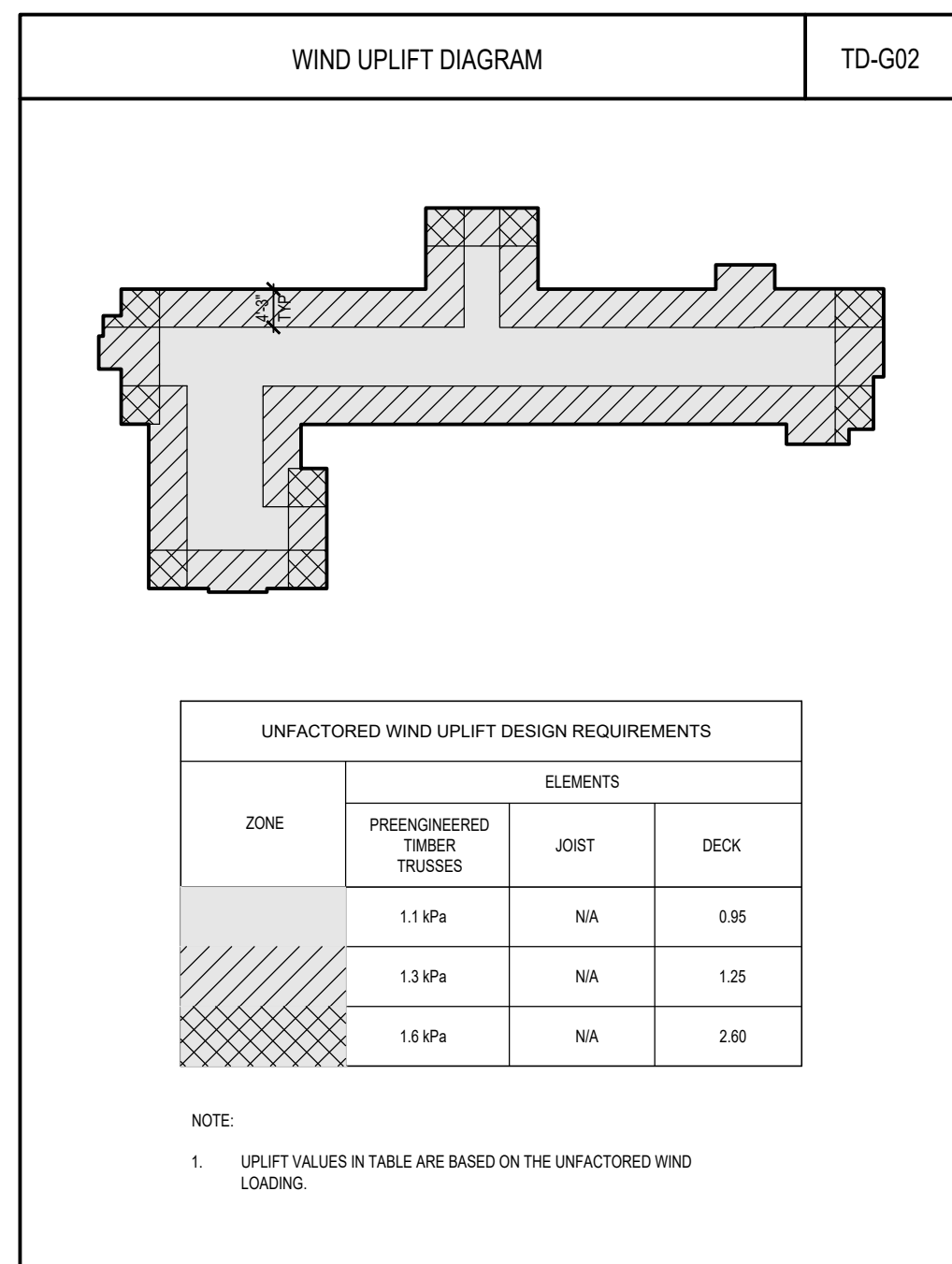










[illegible]

# STANDARD REINFORCING DEVELOPMENT AND SPICE LENGTHS

$$f_y = 400 \text{ MPa}$$

TD-0318

TABLE CM2.1 CLASS 'B' BLACK BAR TENSION LAP SPICE LENGTHS  
FOR MEMBERS NOT CONTAINING ARMAITURE TO SPACING OF REINFORCING SPACES GREATER THAN 12T

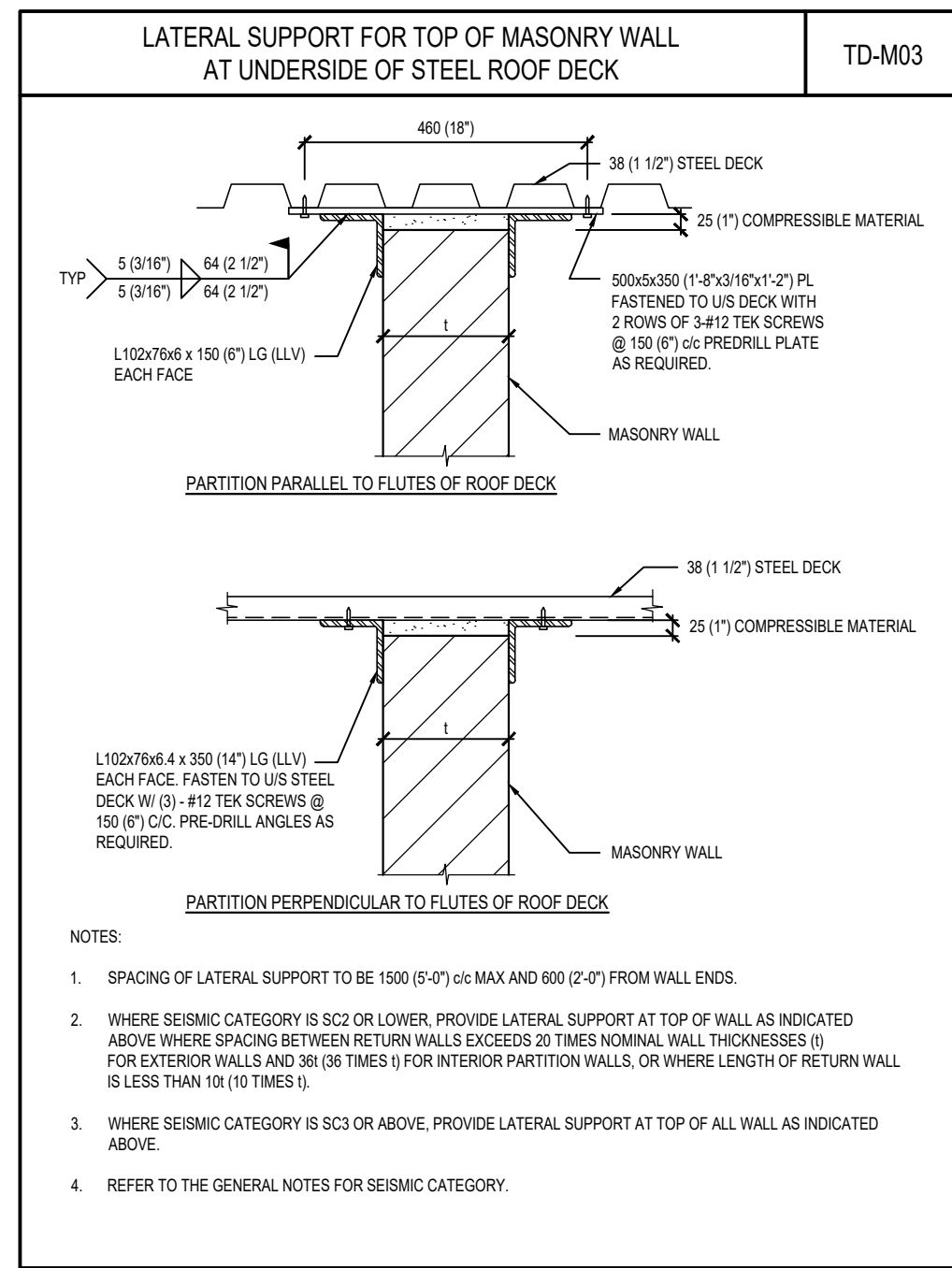
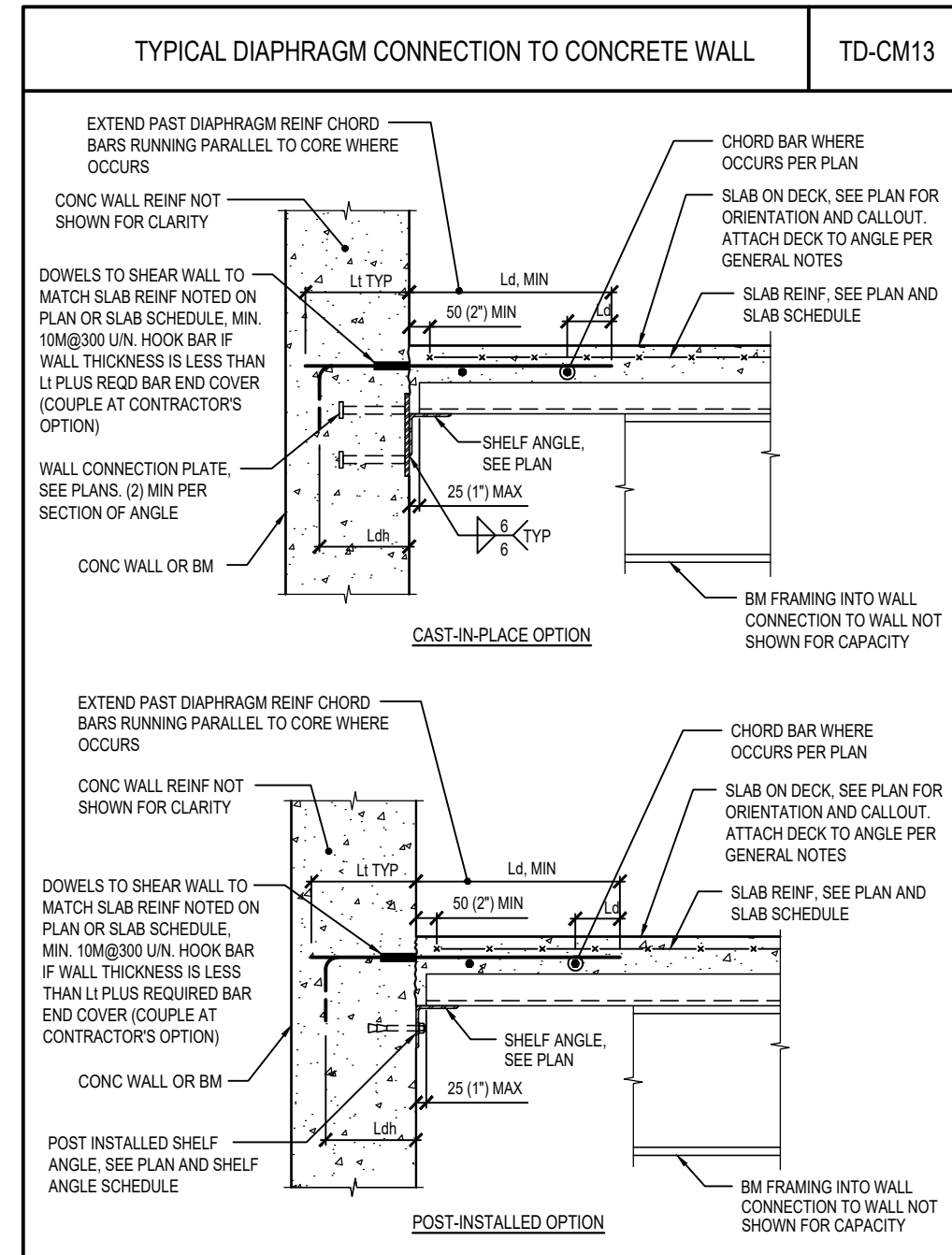
f <sub>c</sub> (MPa)	TYPE	10M	15M	20M	25M	30M	35M
20	LAP SPICE	550	840	1120	1750	2100	2450
25		500	750	1000	1560	1880	2190
30		460	690	920	1430	1710	2000
35		430	640	850	1320	1590	1860
40		400	600	790	1240	1480	1730
45	LAP SPICE	390	580	750	1170	1420	1650
50		360	530	710	1110	1330	1550
55		350	510	680	1060	1270	1480
60	LAP SPICE	360	480	650	1010	1210	1410
(64 TO 65)		390	470	630	980	1170	1370

TABLE CM2.2 CLASS 'A' BLACK BAR TENSION DEVELOPMENT LENGTH  
FOR MEMBERS NOT CONTAINING ARMAITURE TO SPACING OF REINFORCING SPACES GREATER THAN 12T

f <sub>c</sub> (MPa)	TYPE	10M	15M	20M	25M	30M	35M
20	LAP SPICE	430	650	880	1350	1610	1880
25		390	580	770	1200	1440	1680
30		360	520	700	1100	1320	1550
35		330	490	650	1020	1220	1420
40		300	460	610	950	1140	1330
45	LAP SPICE	300	430	580	900	1080	1280
50		310	440	590	880	1020	1190
55		300	430	580	870	1000	1160
60	LAP SPICE	300	370	500	780	940	1090
(64 TO 65)		300	360	480	750	900	1050

## NOTES

- FOR ALL BUNDLED BARS, INCREASE LENGTH OF LAP SPICE (LAP) OR DEVELOPMENT LENGTH (DEV) BY 10% FOR A 2-BAR BUNDLE, 20% FOR A 3-BAR BUNDLE, AND 30% FOR A 4-BAR BUNDLE.
- FOR STAINLESS STEEL, GALVANIZED AND REGULAR REINFORCING STEEL, USE VALUES FROM THESE TABLES UNLESS OTHERWISE NOTED.
- VALUES FROM TABLES ARE CALCULATED BASED ON NON-EPOXY COATED REINFORCING AND NORMAL-DENSITY CONCRETE.
- ALL TENSION TENSION LAP SPICES SPECIFIED ON THE DRAWINGS SHALL BE CLASS 'B' UNLESS OTHERWISE NOTED.
- WHERE TOP REINFORCEMENT IS PLACED WITH 300 mm OR MORE CONCRETE BELOW THE BAR, A MODIFICATION FACTOR OF 1.3 SHALL BE APPLIED TO THE VALUES ABOVE.
- VALUES FROM TABLES FOLLOW CSA A3.3 TABLE 12.1 AS PER 601 k1 k2 k3 k4 k5 k6 k7 k8 k9 k10 k11 k12 k13 k14 k15 k16 k17 k18 k19 k20 k21 k22 k23 k24 k25 k26 k27 k28 k29 k30 k31 k32 k33 k34 k35 k36 k37 k38 k39 k40 k41 k42 k43 k44 k45 k46 k47 k48 k49 k50 k51 k52 k53 k54 k55 k56 k57 k58 k59 k60 k61 k62 k63 k64 k65 k66 k67 k68 k69 k70 k71 k72 k73 k74 k75 k76 k77 k78 k79 k80 k81 k82 k83 k84 k85 k86 k87 k88 k89 k90 k91 k92 k93 k94 k95 k96 k97 k98 k99 k100 k101 k102 k103 k104 k105 k106 k107 k108 k109 k110 k111 k112 k113 k114 k115 k116 k117 k118 k119 k120 k121 k122 k123 k124 k125 k126 k127 k128 k129 k130 k131 k132 k133 k134 k135 k136 k137 k138 k139 k140 k141 k142 k143 k144 k145 k146 k147 k148 k149 k150 k151 k152 k153 k154 k155 k156 k157 k158 k159 k160 k161 k162 k163 k164 k165 k166 k167 k168 k169 k170 k171 k172 k173 k174 k175 k176 k177 k178 k179 k180 k181 k182 k183 k184 k185 k186 k187 k188 k189 k190 k191 k192 k193 k194 k195 k196 k197 k198 k199 k200 k201 k202 k203 k204 k205 k206 k207 k208 k209 k210 k211 k212 k213 k214 k215 k216 k217 k218 k219 k220 k221 k222 k223 k224 k225 k226 k227 k228 k229 k230 k231 k232 k233 k234 k235 k236 k237 k238 k239 k240 k241 k242 k243 k244 k245 k246 k247 k248 k249 k250 k251 k252 k253 k254 k255 k256 k257 k258 k259 k260 k261 k262 k263 k264 k265 k266 k267 k268 k269 k270 k271 k272 k273 k274 k275 k276 k277 k278 k279 k280 k281 k282 k283 k284 k285 k286 k287 k288 k289 k290 k291 k292 k293 k294 k295 k296 k297 k298 k299 k300 k301 k302 k303 k304 k305 k306 k307 k308 k309 k310 k311 k312 k313 k314 k315 k316 k317 k318 k319 k320 k321 k322 k323 k324 k325 k326 k327 k328 k329 k330 k331 k332 k333 k334 k335 k336 k337 k338 k339 k340 k341 k342 k343 k344 k345 k346 k347 k348 k349 k350 k351 k352 k353 k354 k355 k356 k357 k358 k359 k360 k361 k362 k363 k364 k365 k366 k367 k368 k369 k370 k371 k372 k373 k374 k375 k376 k377 k378 k379 k380 k381 k382 k383 k384 k385 k386 k387 k388 k389 k390 k391 k392 k393 k394 k395 k396 k397 k398 k399 k400 k401 k402 k403 k404 k405 k406 k407 k408 k409 k410 k411 k412 k413 k414 k415 k416 k417 k418 k419 k420 k421 k422 k423 k424 k425 k426 k427 k428 k429 k430 k431 k432 k433 k434 k435 k436 k437 k438 k439 k440 k441 k442 k443 k444 k445 k446 k447 k448 k449 k450 k451 k452 k453 k454 k455 k456 k457 k4



# MASONRY LINTELS FOR NON-LOAD BEARING WALLS

# TD-001

WALL THICKNESS ( $t_{wall}$ )	CLEAR SPAN (L)			
	$L \leq 1200$ (4'-0")	$1200 < L \leq 1800$ (4'-0") (5'-0")	$1800 < L \leq 2400$ (5'-0") (7'-6")	$2400 < L \leq 3000$ (7'-6") (9'-6")
90 (4")	90x190 (#4#8) REINF 1-15 T&B	90x190 (#4#8) REINF 1-15 T&B	<b>NOT PERMITTED</b>	<b>NOT PERMITTED</b>
140 (5")	140x190 (#4#8) REINF 1-15 T&B	140x190 (#4#8) REINF 1-15 T&B	140x390 (#4#8) REINF 1-15 T&B	140x390 (#4#8) REINF 1-15 T&B
190 (8")	190x190 (#4#8) REINF 1-15 T&B	190x190 (#4#8) REINF 1-15 T&B	190x390 (#4#8) REINF 1-15 T&B	190x390 (#4#8) REINF 1-15 T&B
240 (10")	240x190 (#10#8) REINF 1-15M T&B	240x190 (#10#8) REINF 1-15M T&B	240x390 (#10#8) REINF 2-15 T&B	240x390 (#10#8) REINF 2-15 T&B
290 (12")	290x190 (#12#8) REINF 2-10 T&B	290x190 (#12#8) REINF 2-10 T&B	290x390 (#12#8) REINF 2-10 T&B	290x390 (#12#8) REINF 2-15 T&B

## NOTES:

- FIRST AND SECOND DIMENSIONS INDICATED FOR THE Lintel SIZE ARE THE WIDTH AND DEPTH OF THE Lintel RESPECTIVELY.
- PROVIDE 40" x 58" COVER FOR THE TOP AND BOTTOM Lintel REINFORCEMENT. EXTEND TOP AND BOTTOM REINFORCEMENT TO WITHIN 50 (2 1/2") FROM EXTENT OF Lintel.

LOCATION OF CONTROL JOINTS WHERE NOTED IN ARCH DETAILS

SOLID MASONRY BEARING

REINFORCEMENT

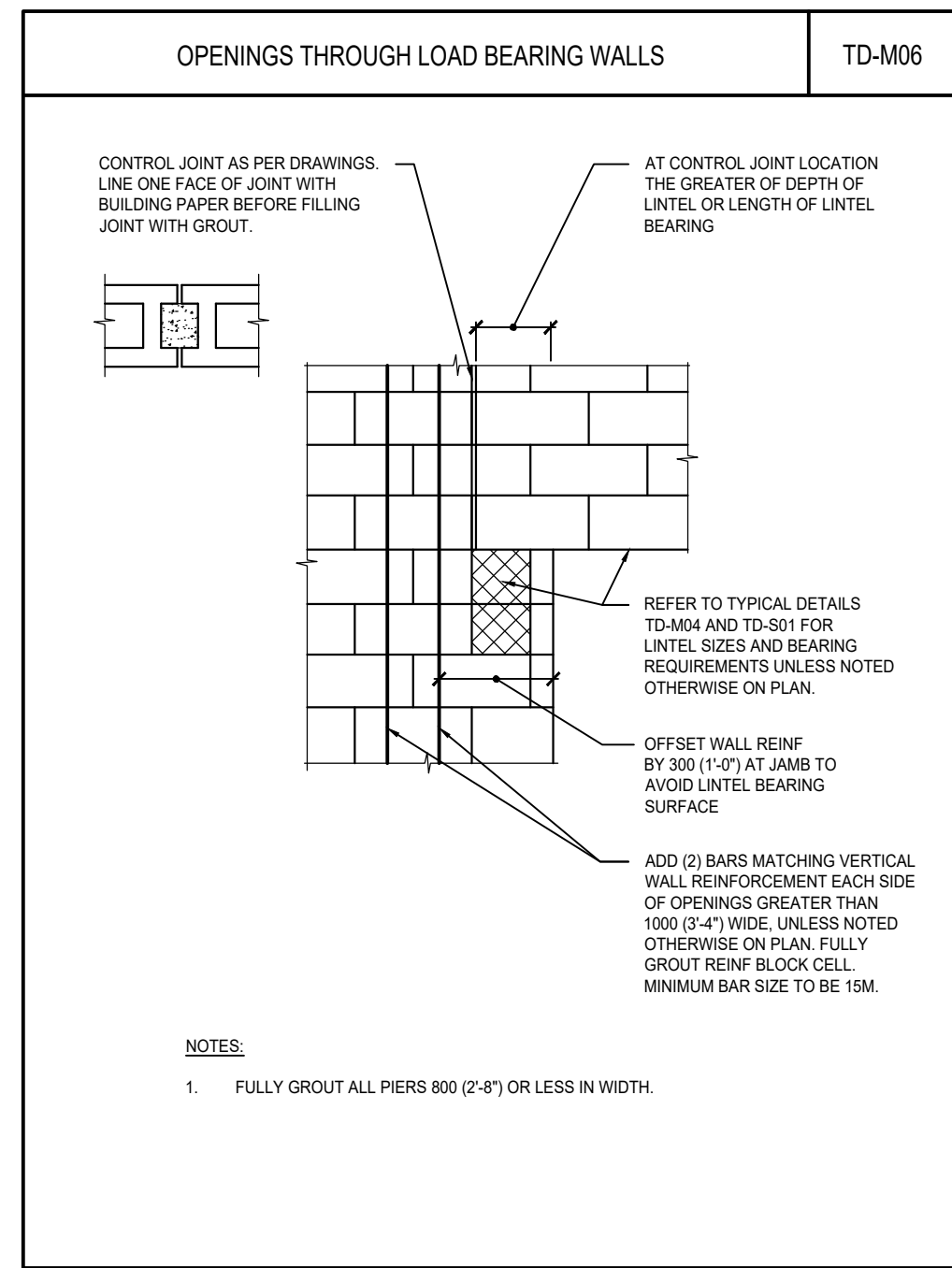
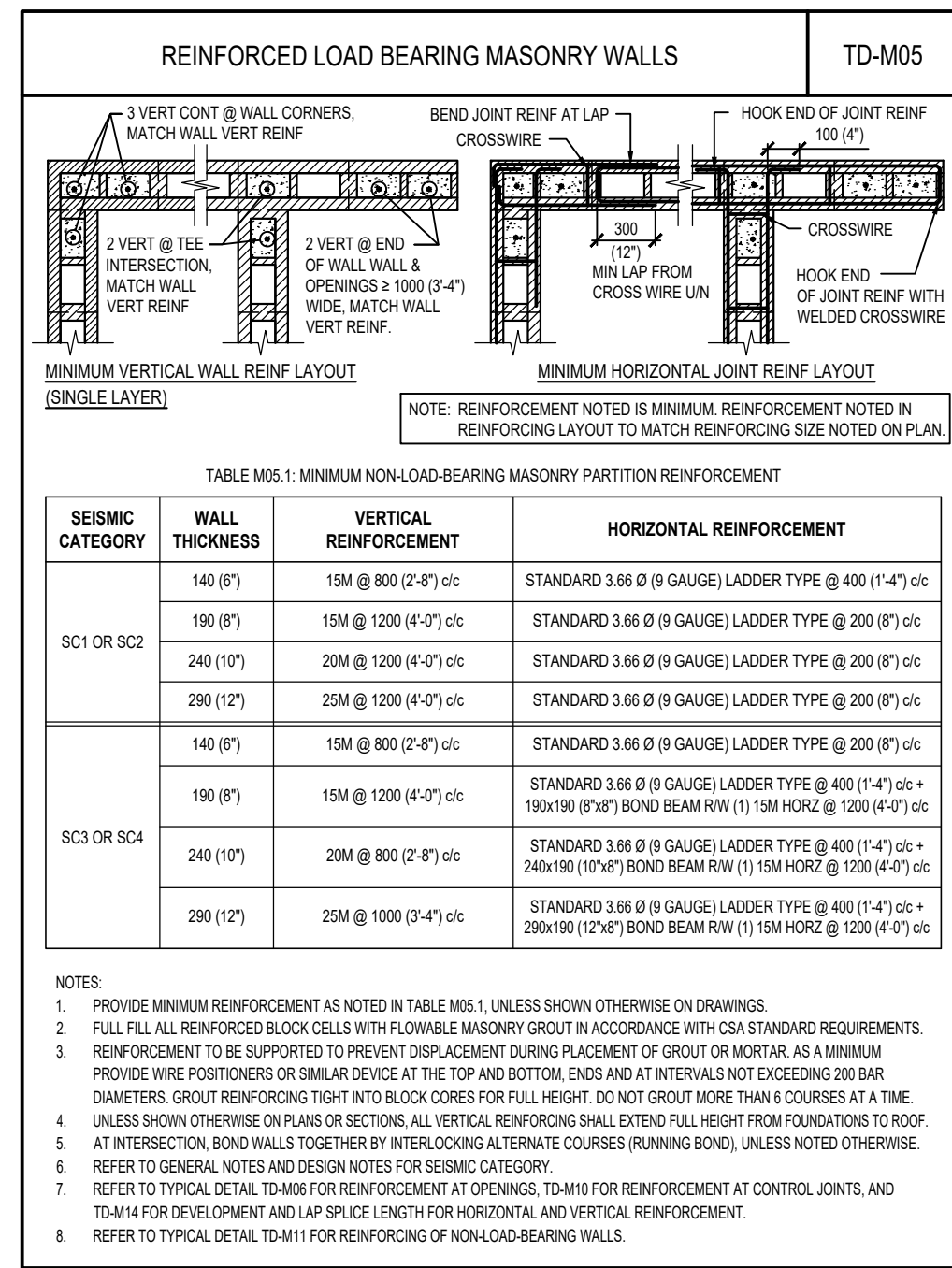
CLEAR SPAN

OPENING IN BLOCK (L)

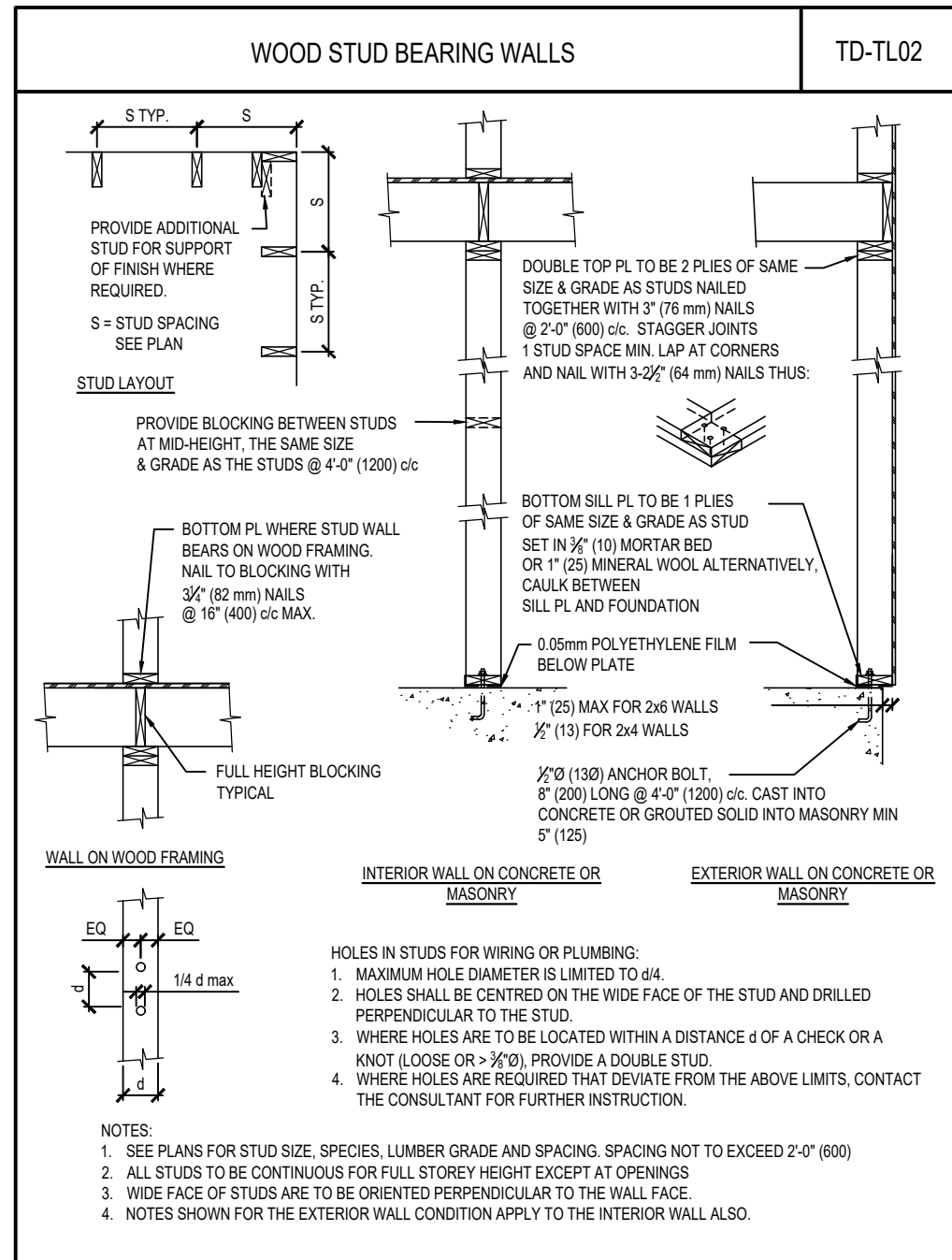
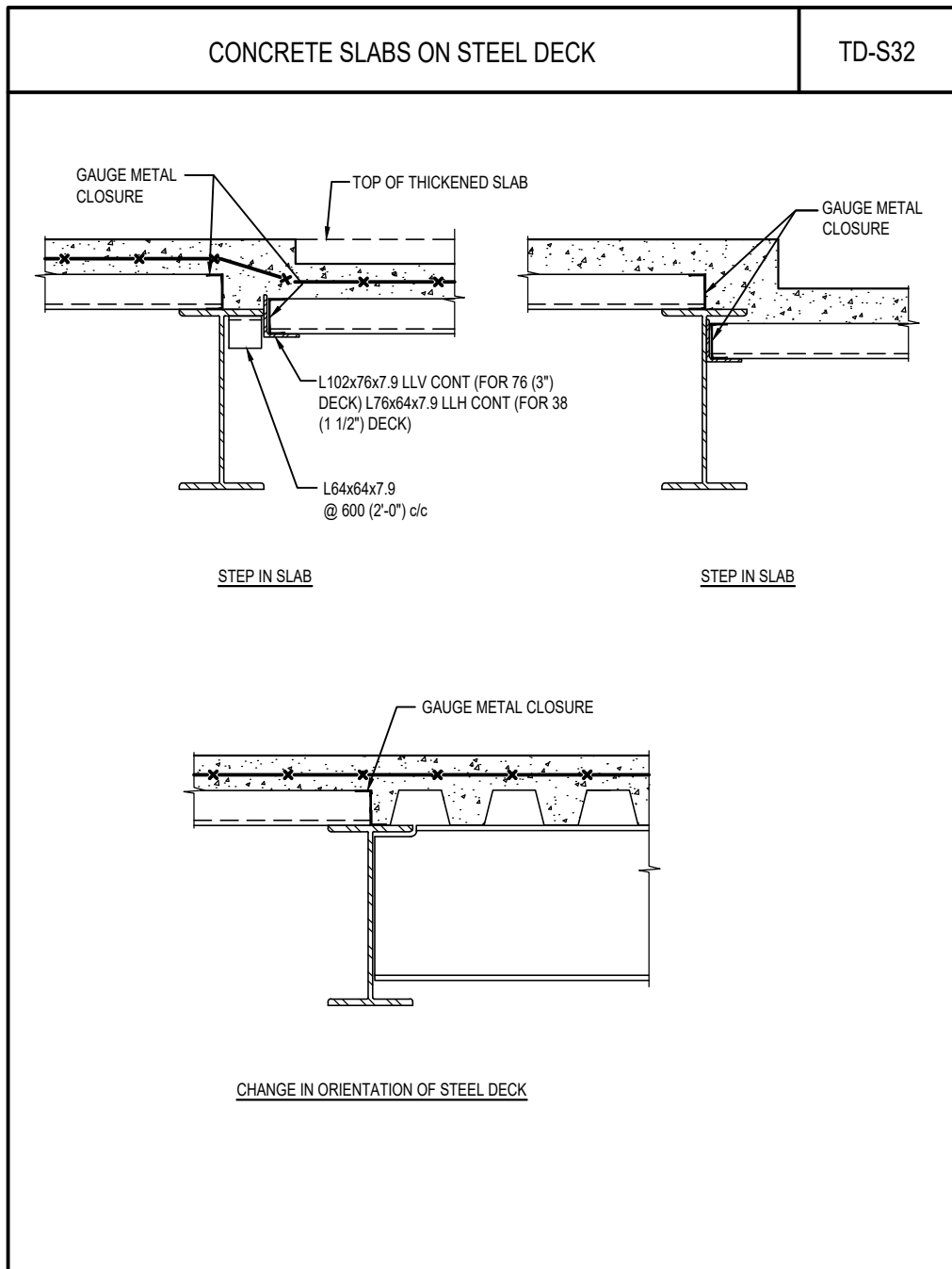
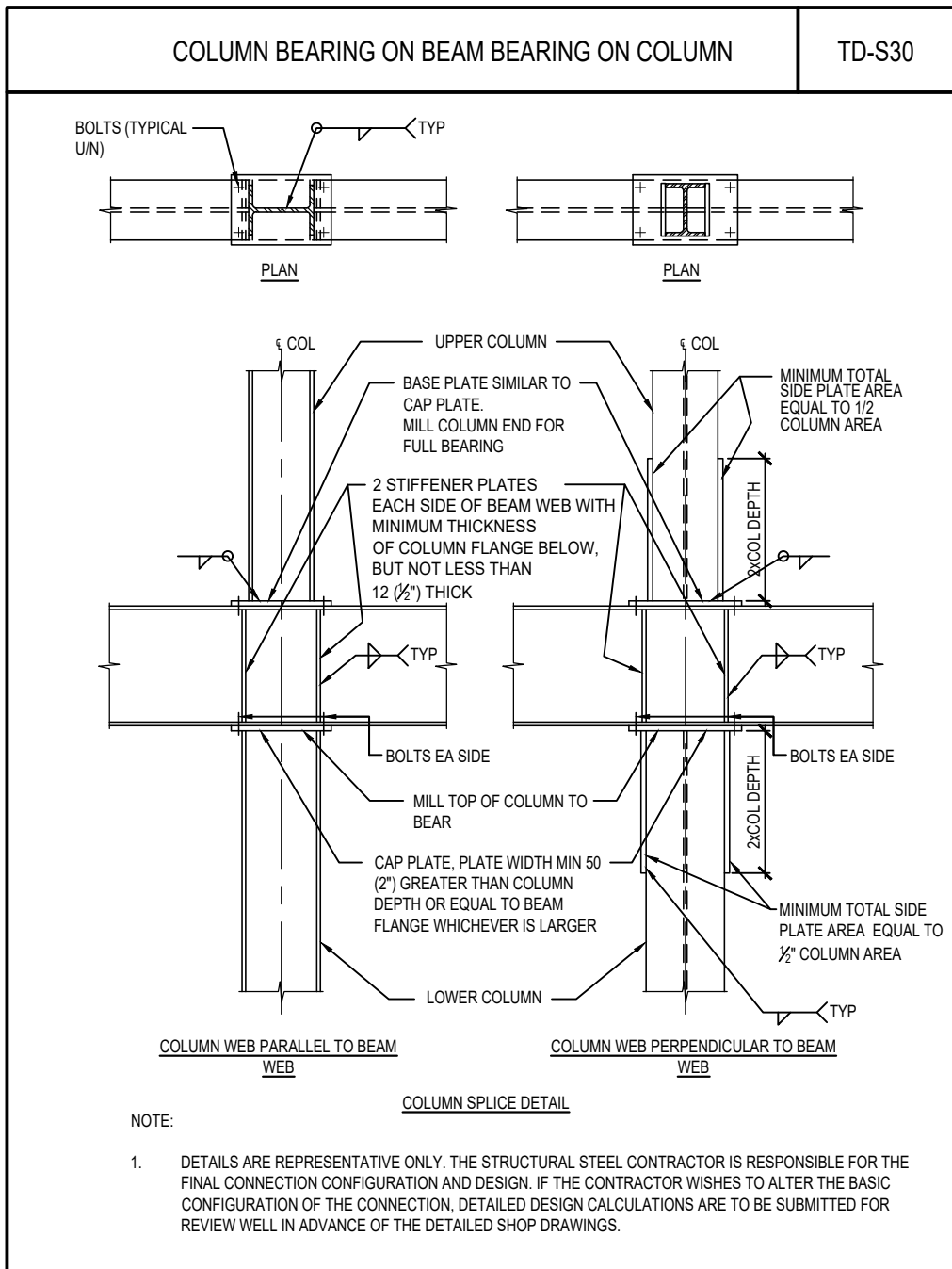
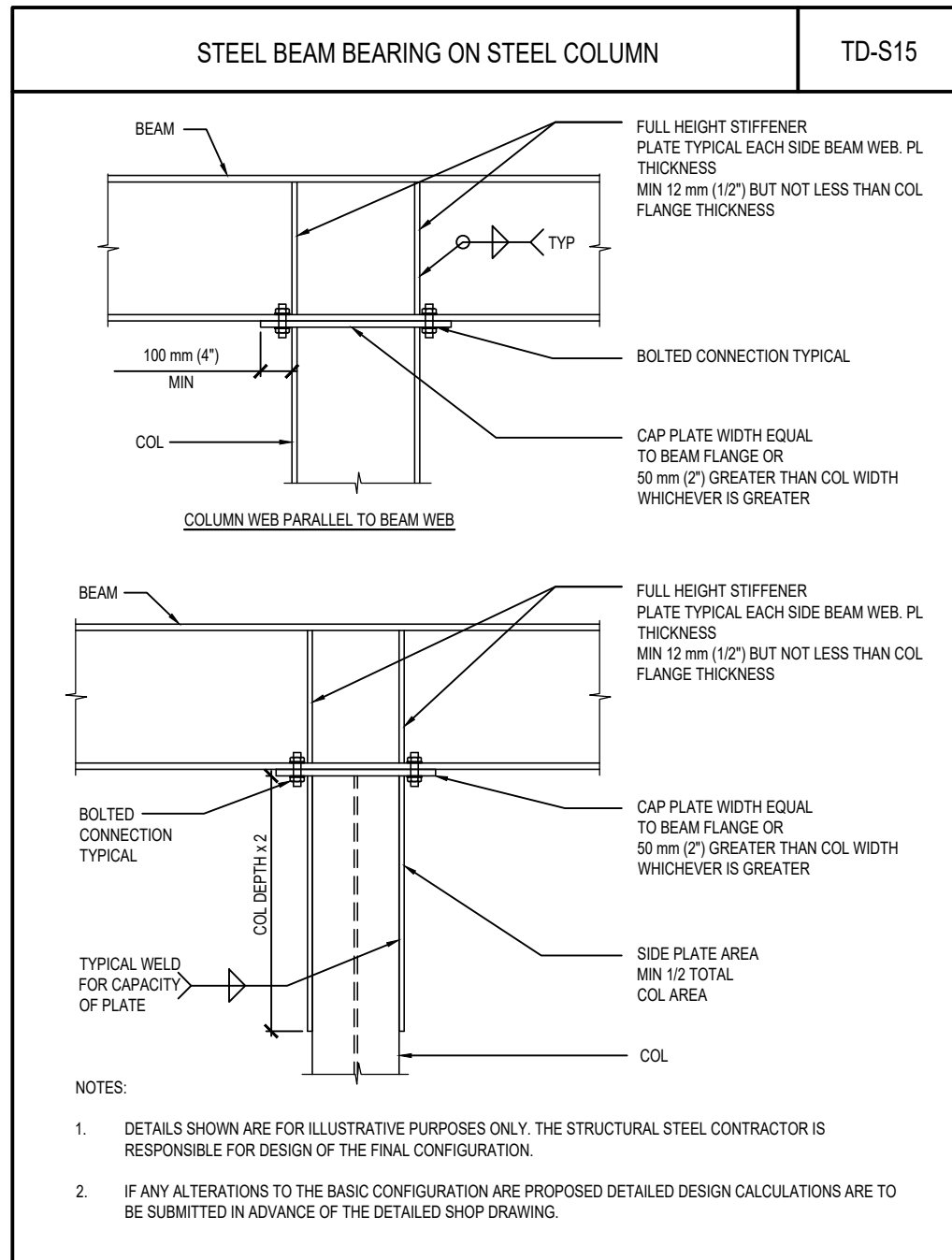
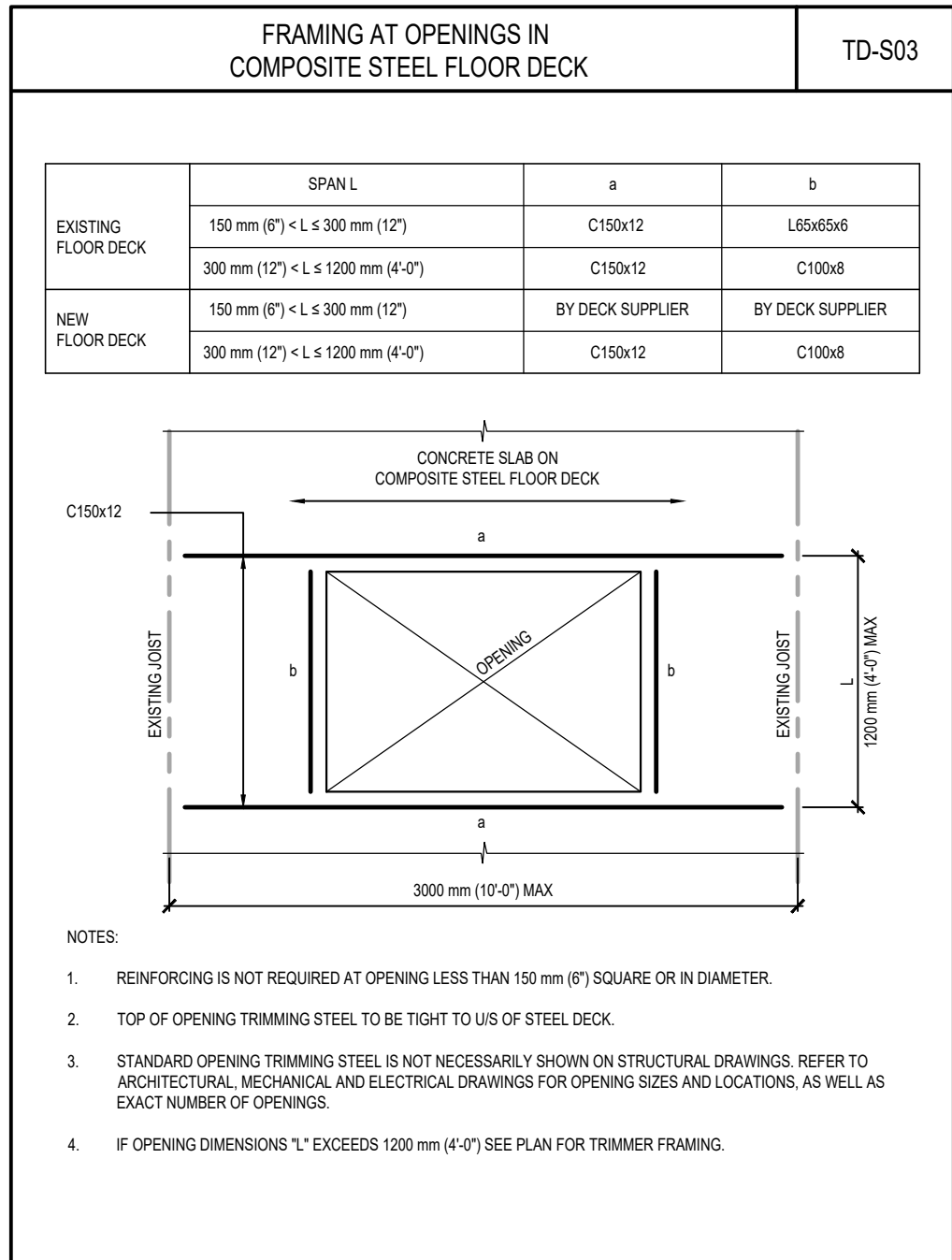
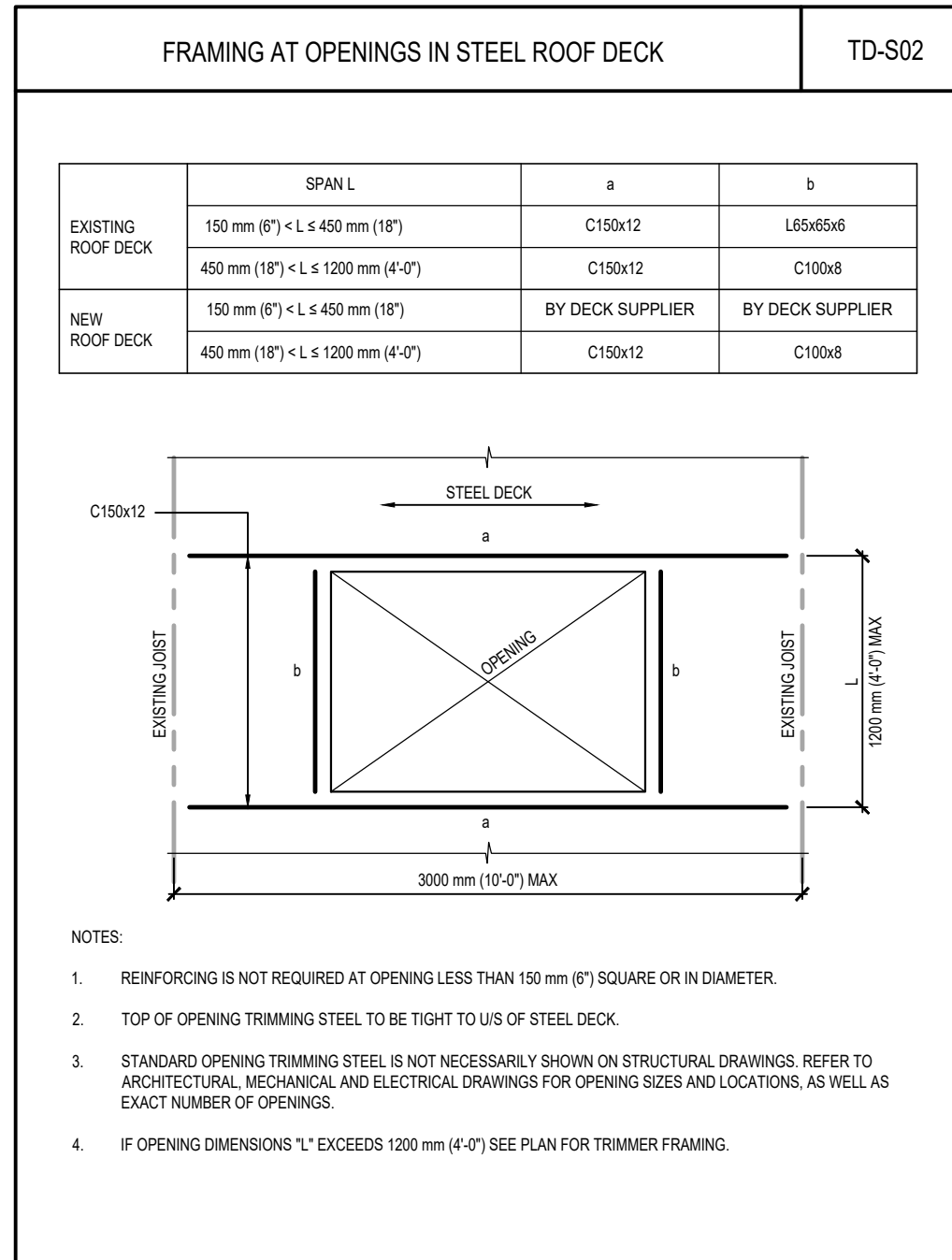
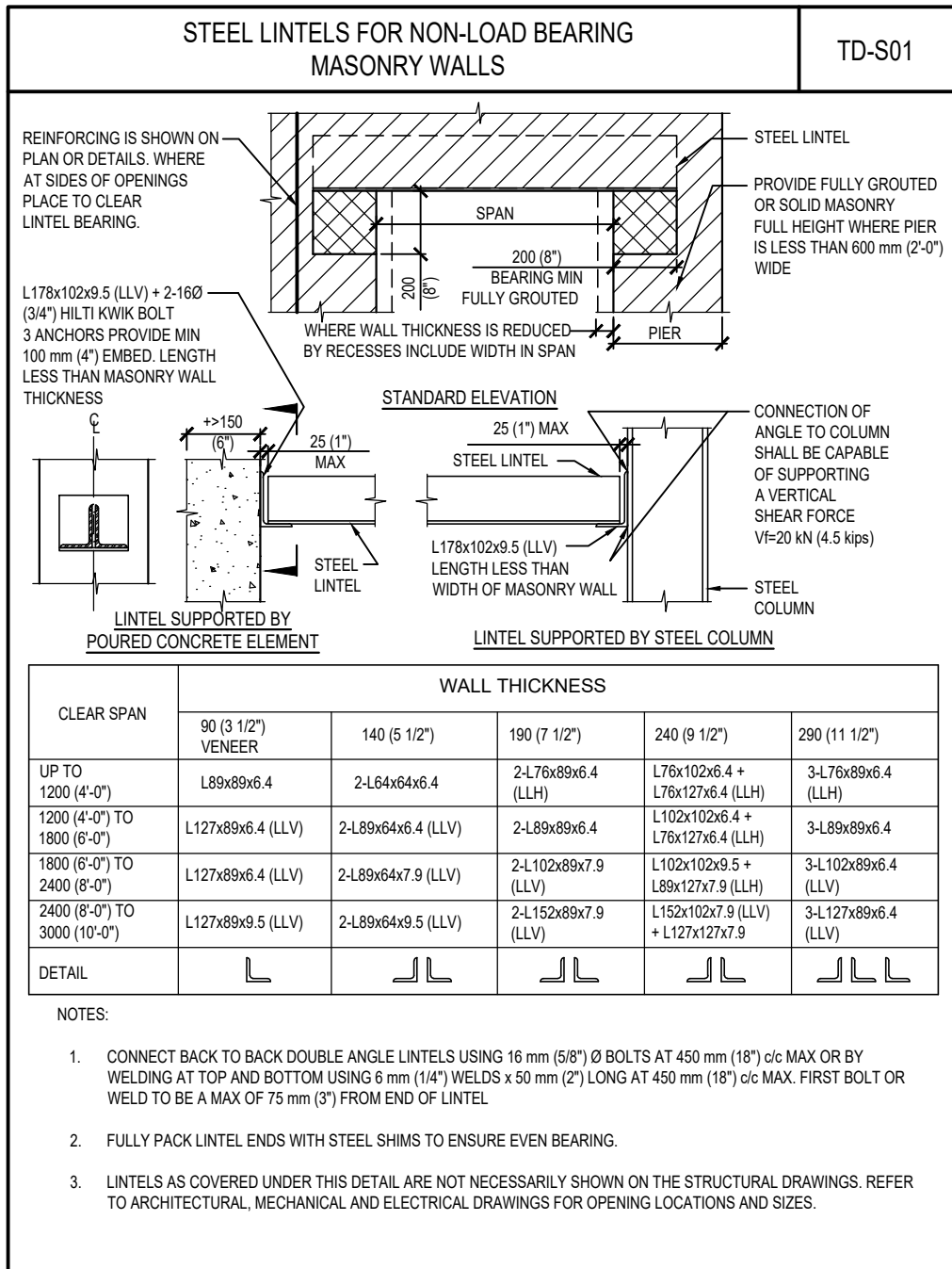
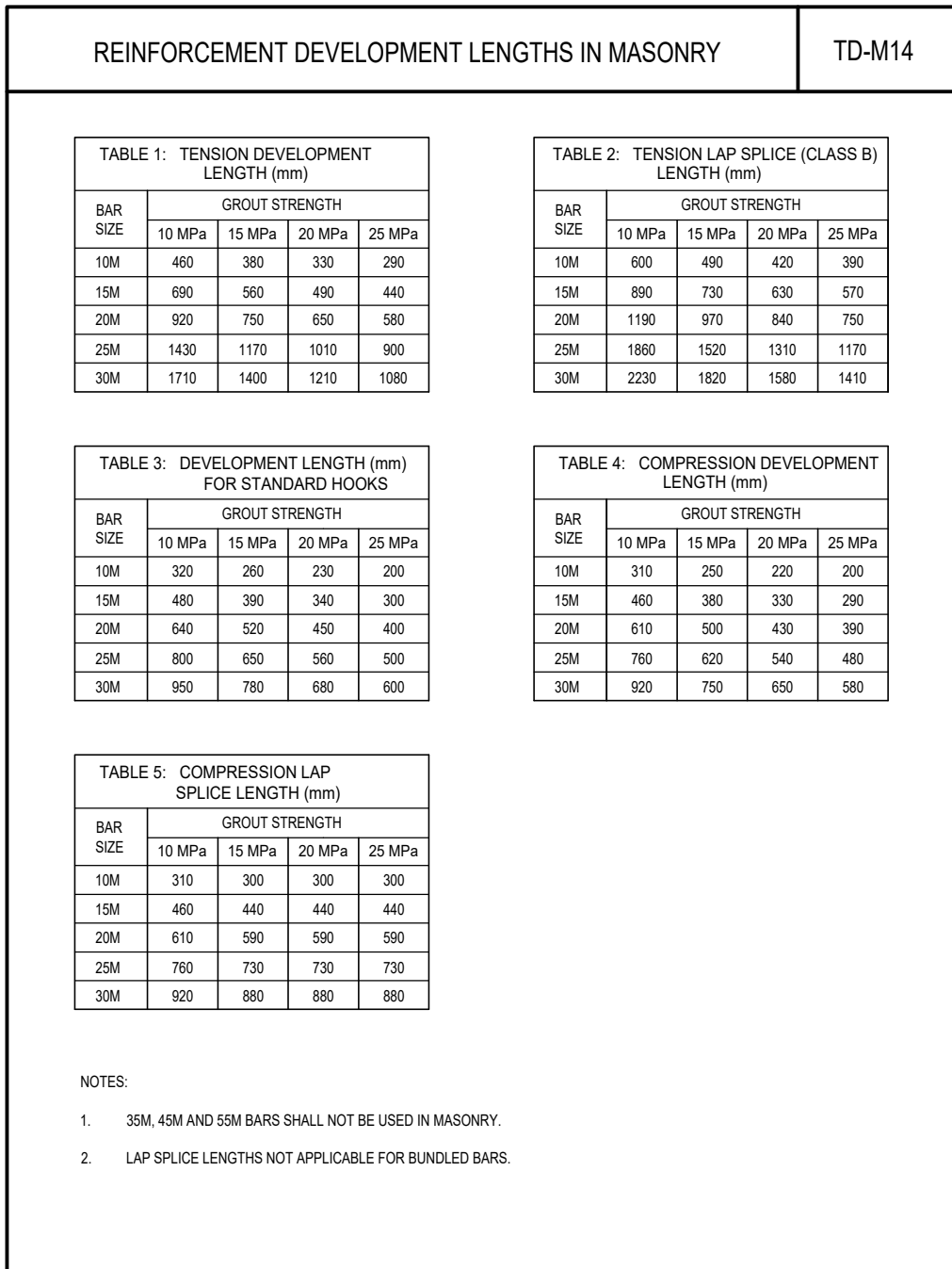
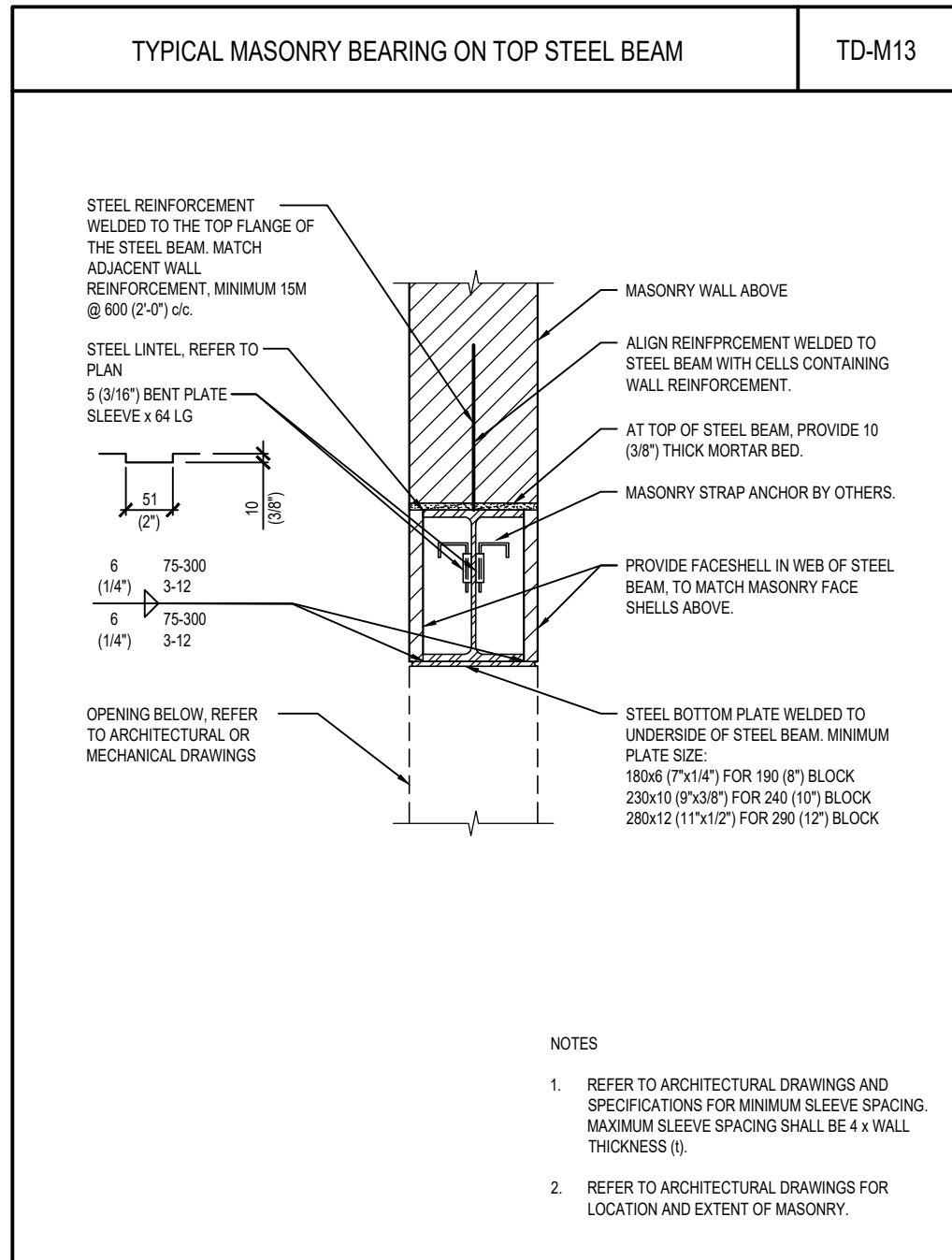
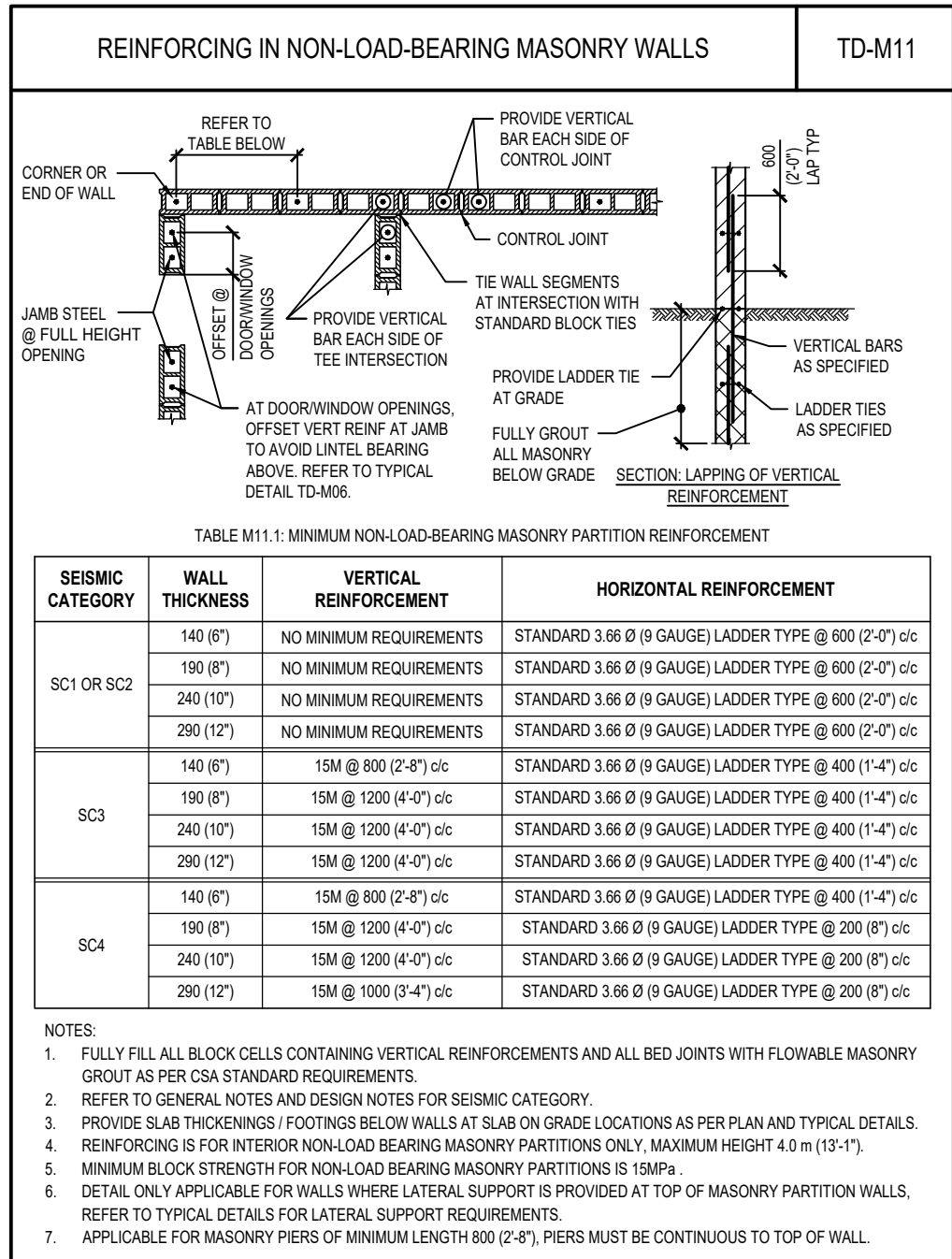
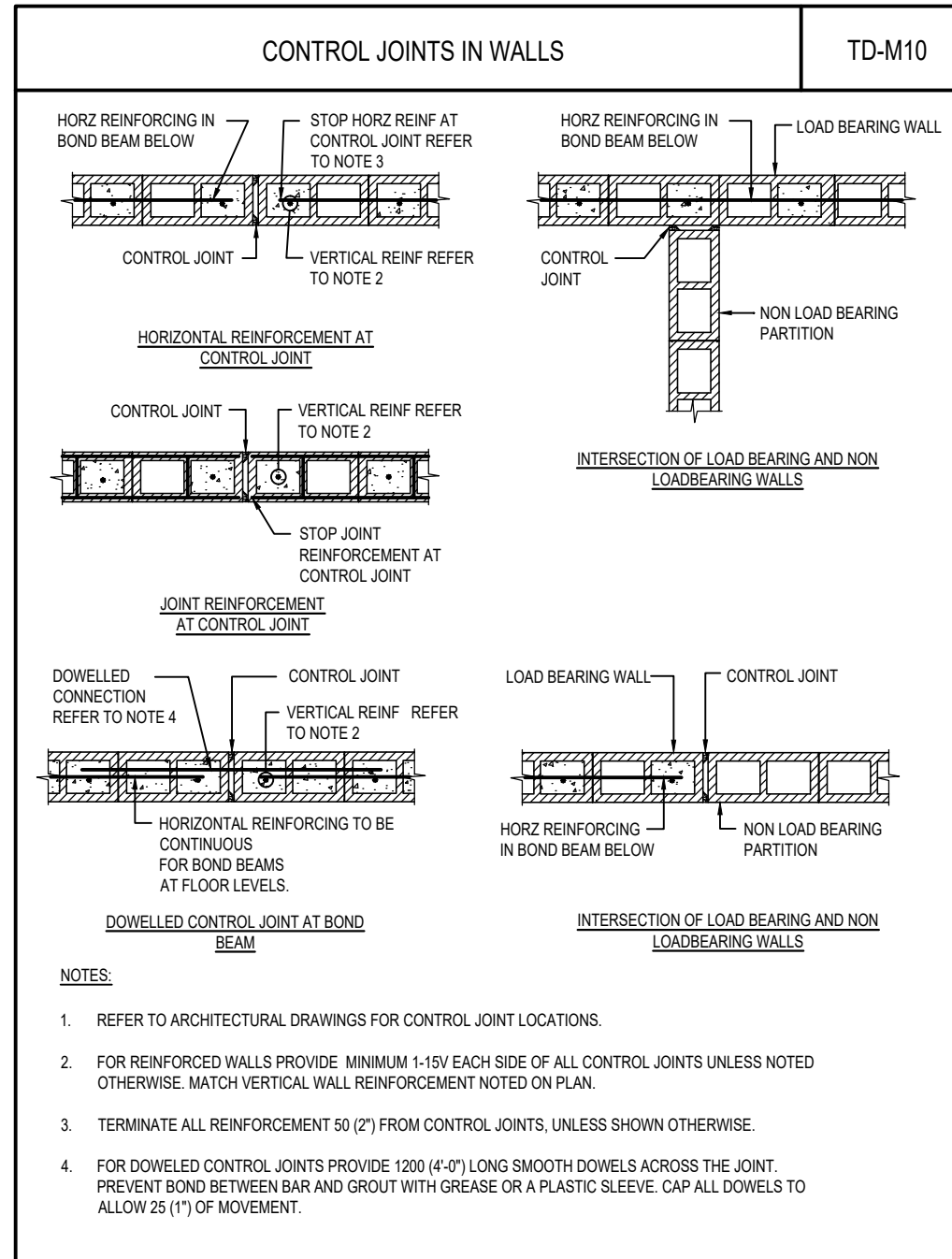
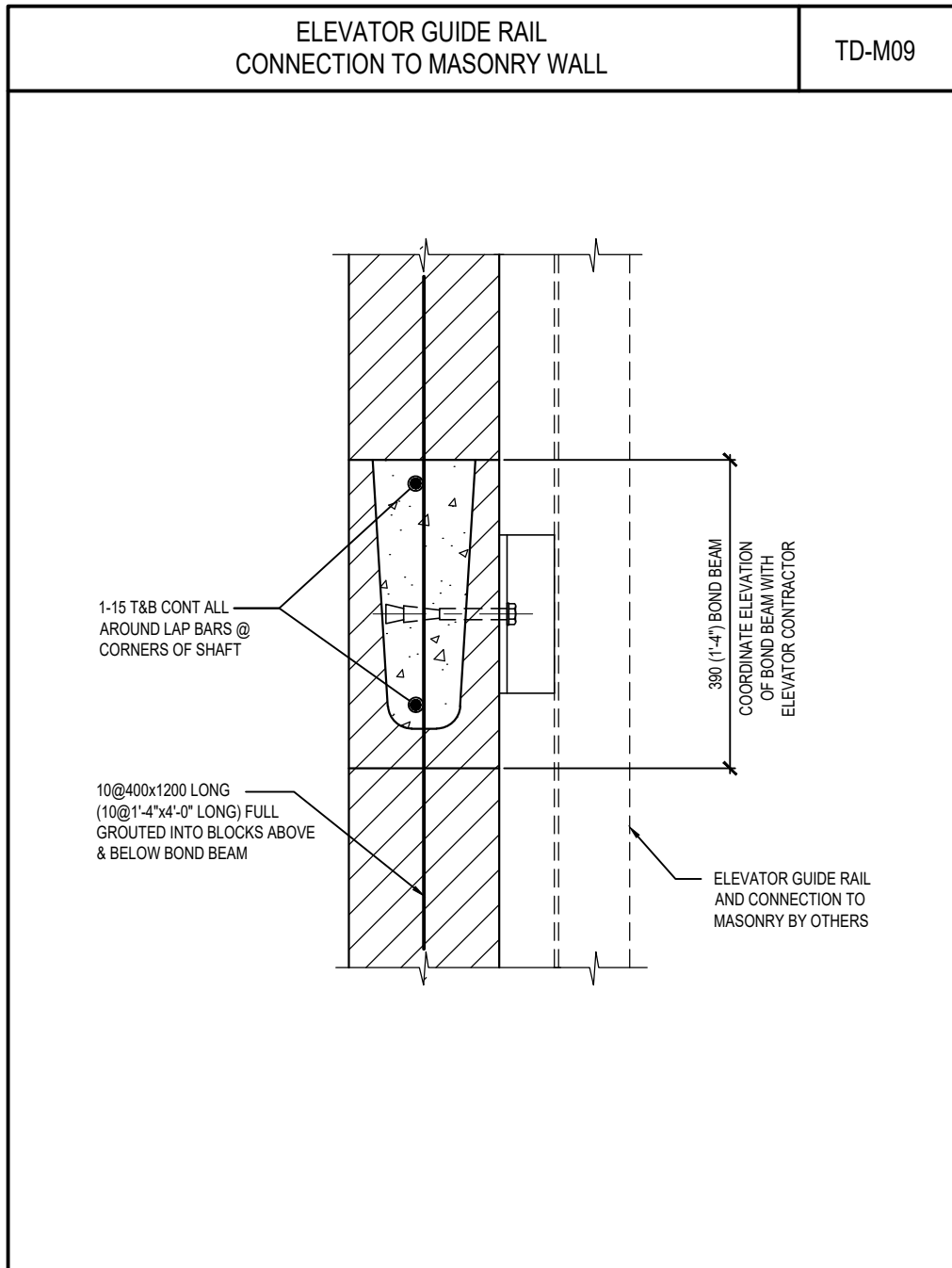
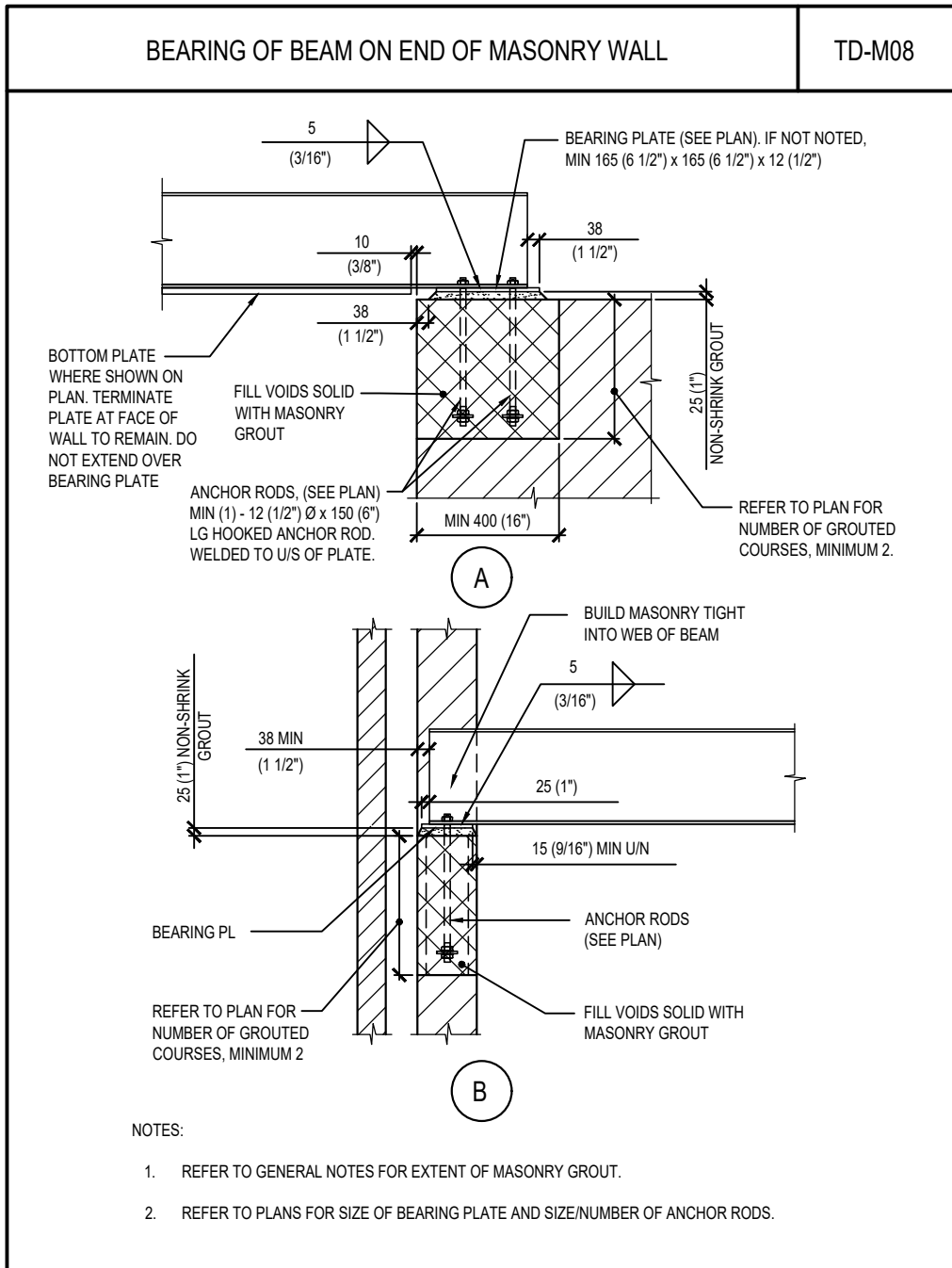
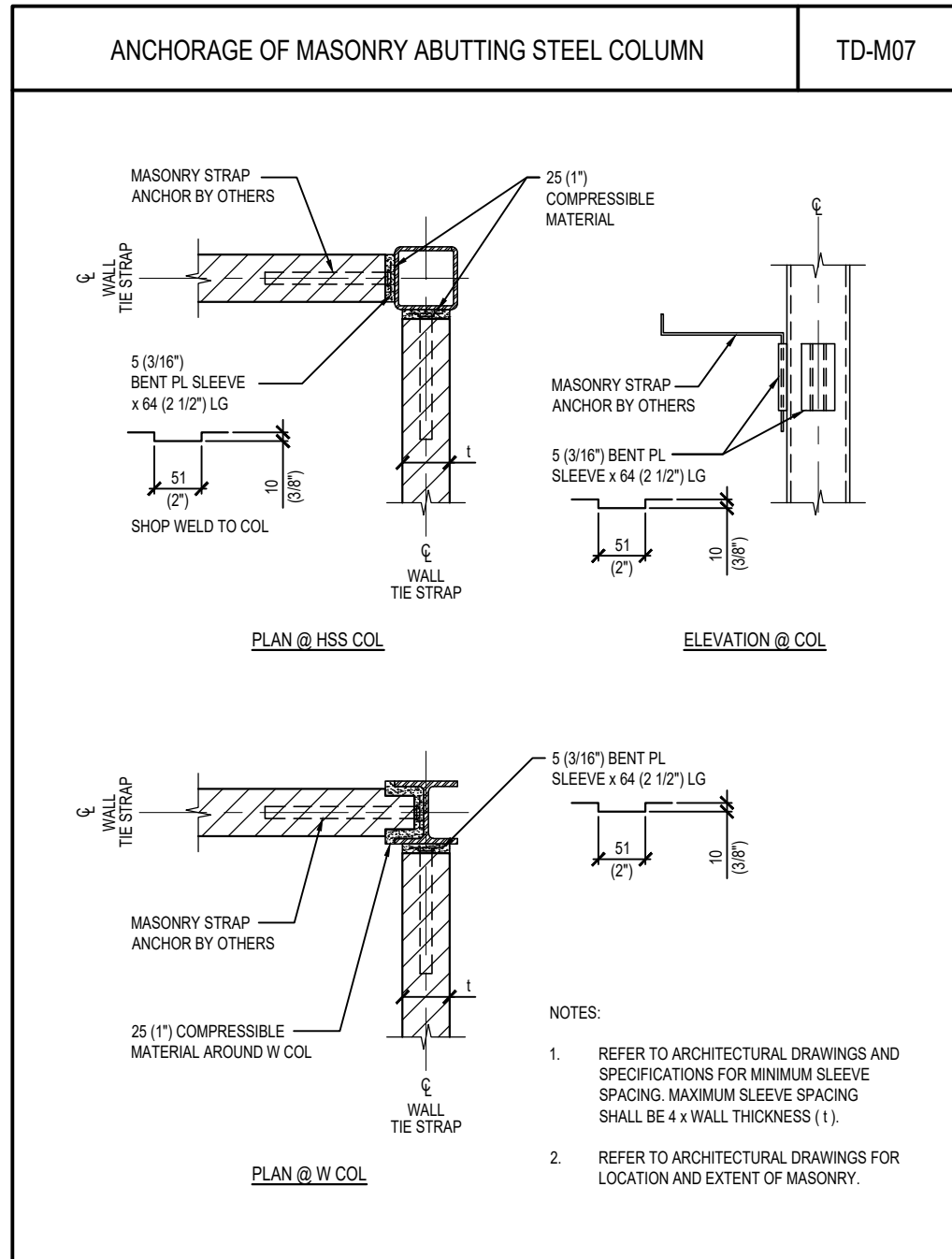
ELEVATION

FULLY GROUTED MASONRY  
UNLESS NOTED ARE LESS THAN  
800 (2'-6") TYPICAL

Lintel SUPPORTED BY  
CONCRETE OR STEEL  
MEMBER

[illegible]





ISSUED FOR PERMIT & TENDER

DATE: 26/04/08

NO. 1

REVISION

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building envelope & structure  
375 University Ave., Suite 501  
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416-599-LINK (5465)  
www.engineerlink.ca  
Project No: 26-1383

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100543797  
Darryl Gaines  
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Toronto District School Board

William G Miller  
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TDSB  
60 Bennett Rd,  
Scarborough, Ontario  
M1E 3Y3

DRAWING TITLE:

TYPICAL DETAILS

PROJECT NO: A25006 SCALE: NTS

DRAWN: AQV DRAWING No: REV.

CHECKED: CN / BRG

DATE: FEB. 2026

S1-4 1









LOBBY AREAS 4.80 kPa



LOBBY AREAS 4.80 kPa

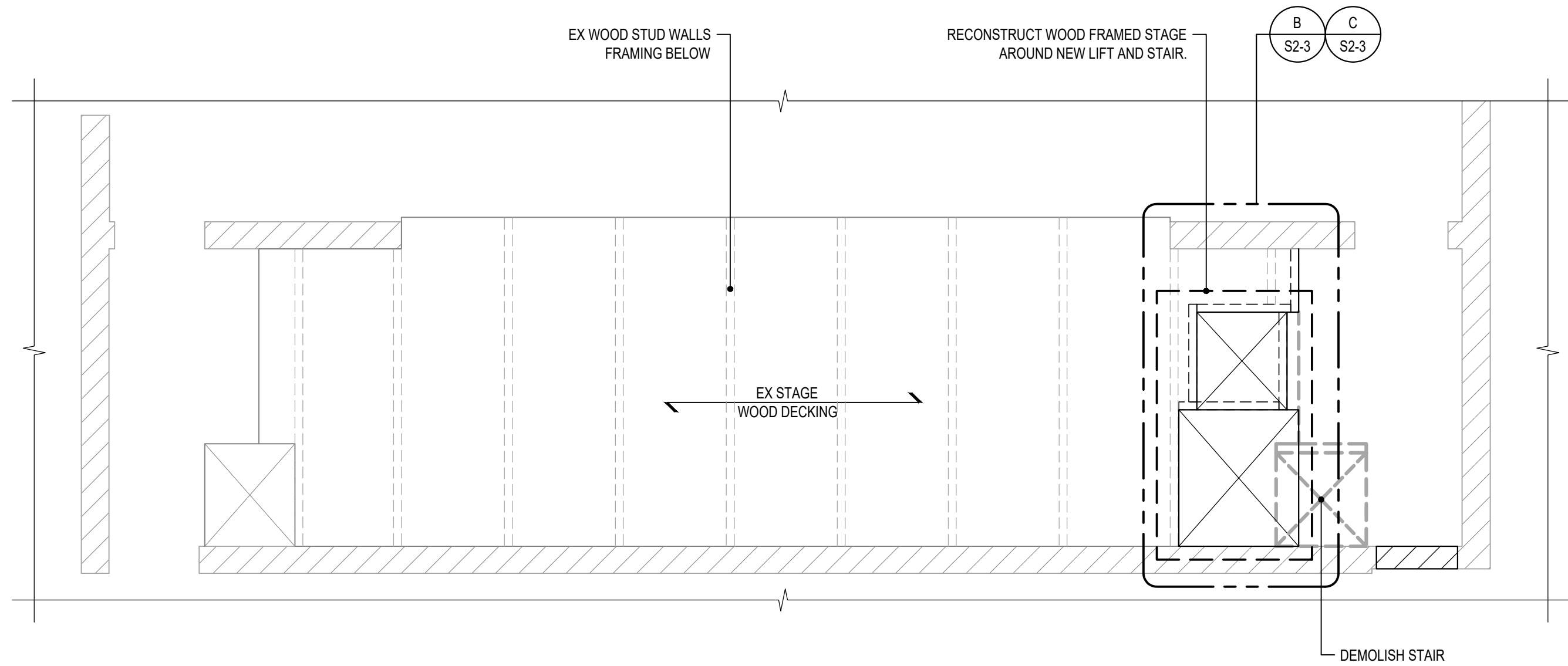


BASIC SNOW LOAD 1.36 kPa (SEE PLAN FOR ASL)

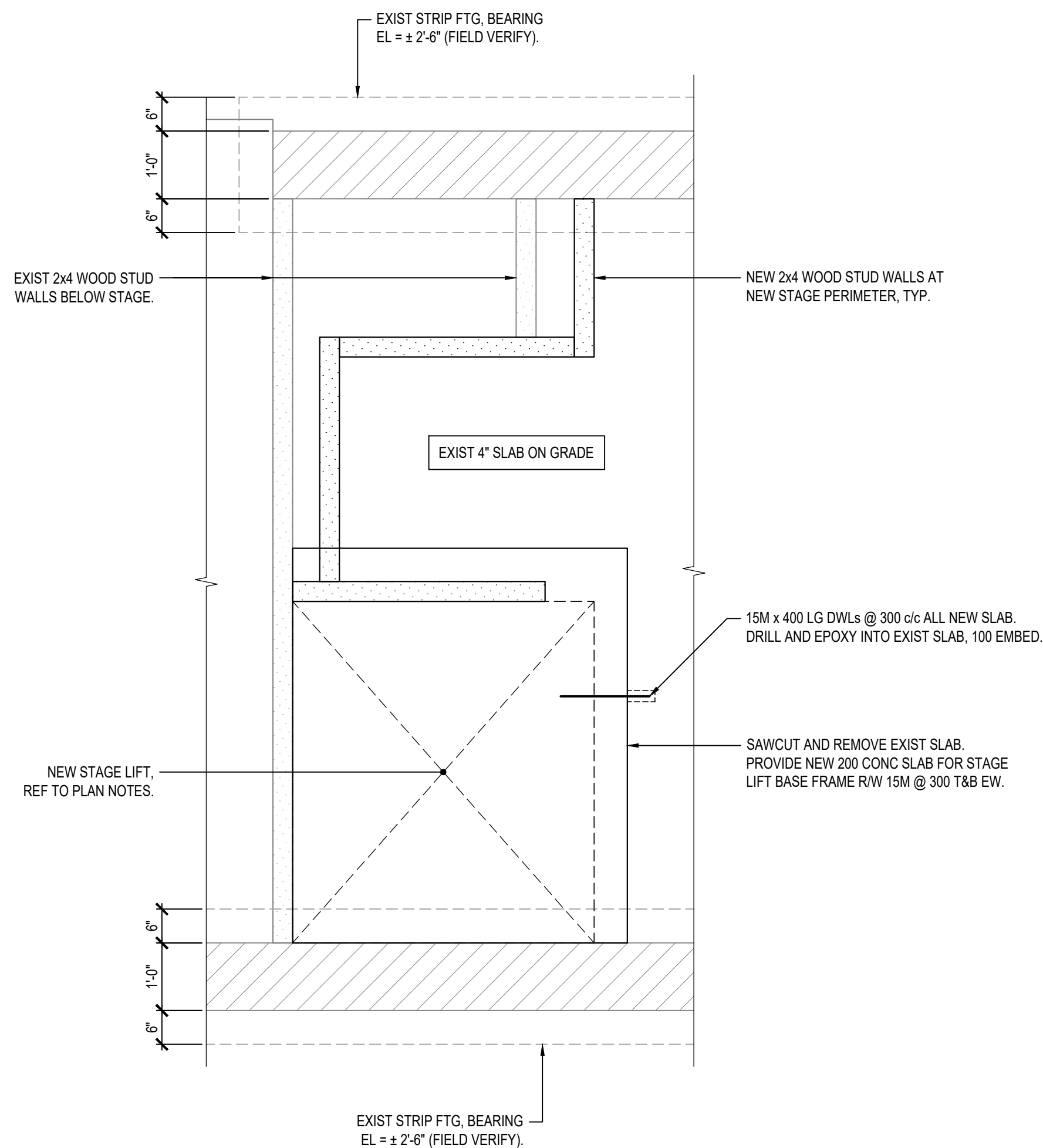
ROOFING AND INSULATION	0.50 kPa
STEEL DECK	0.10 kPa
M/E AND CEILING ALLOWANCE	0.25 kPa

PROJECT NO: <b>A25006</b>	SCALE: <b>1 : 50</b>	
DRAWN: <b>AQV</b>	DRAWING No:  <b>S2-2</b>	REV.  <b>1</b>
CHECKED: <b>CN / BRG</b>		
DATE: <b>FEB. 2026</b>		

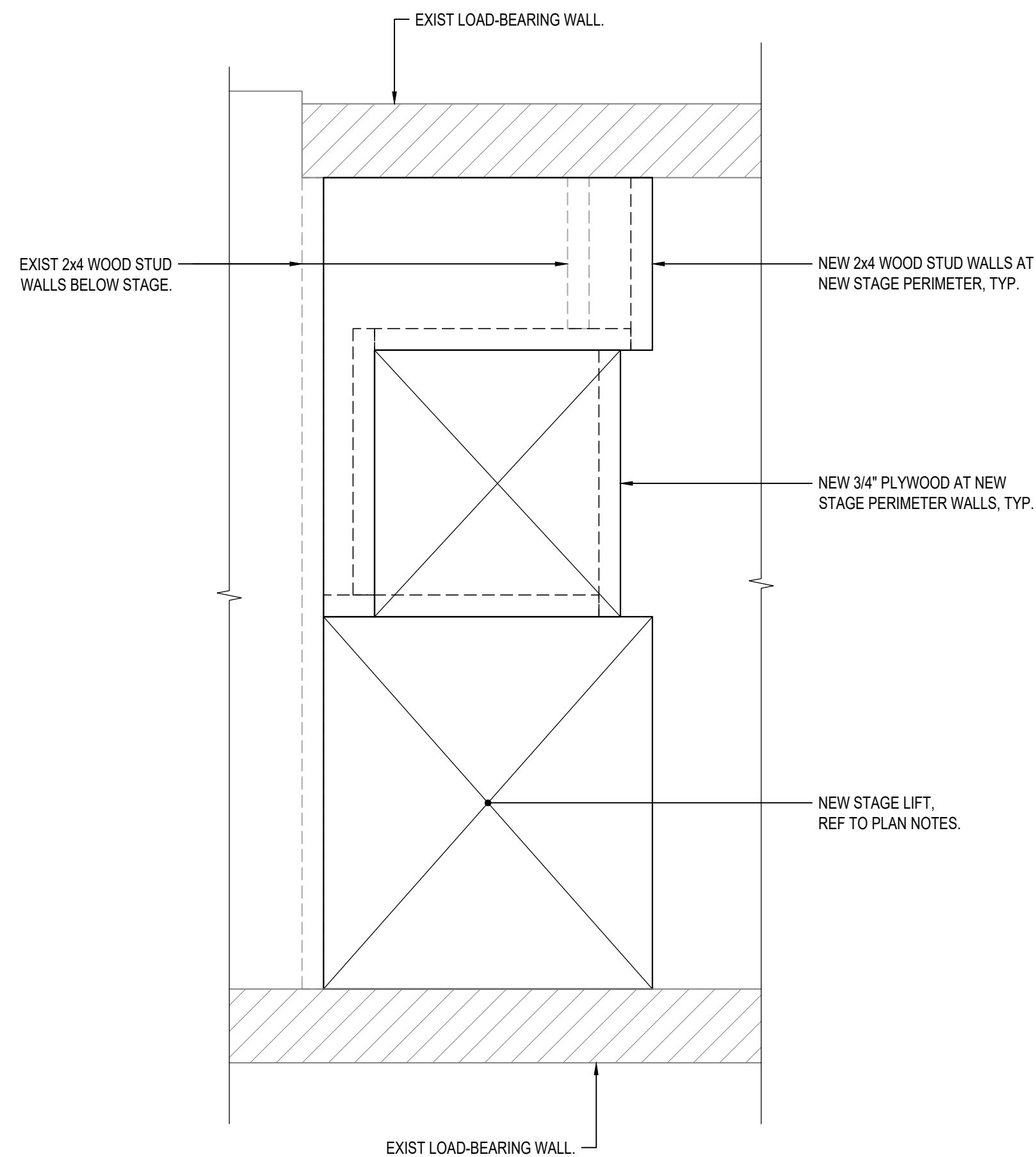




A  
S2-3  
1:50  
STAGE DEMOLITION PART PLAN



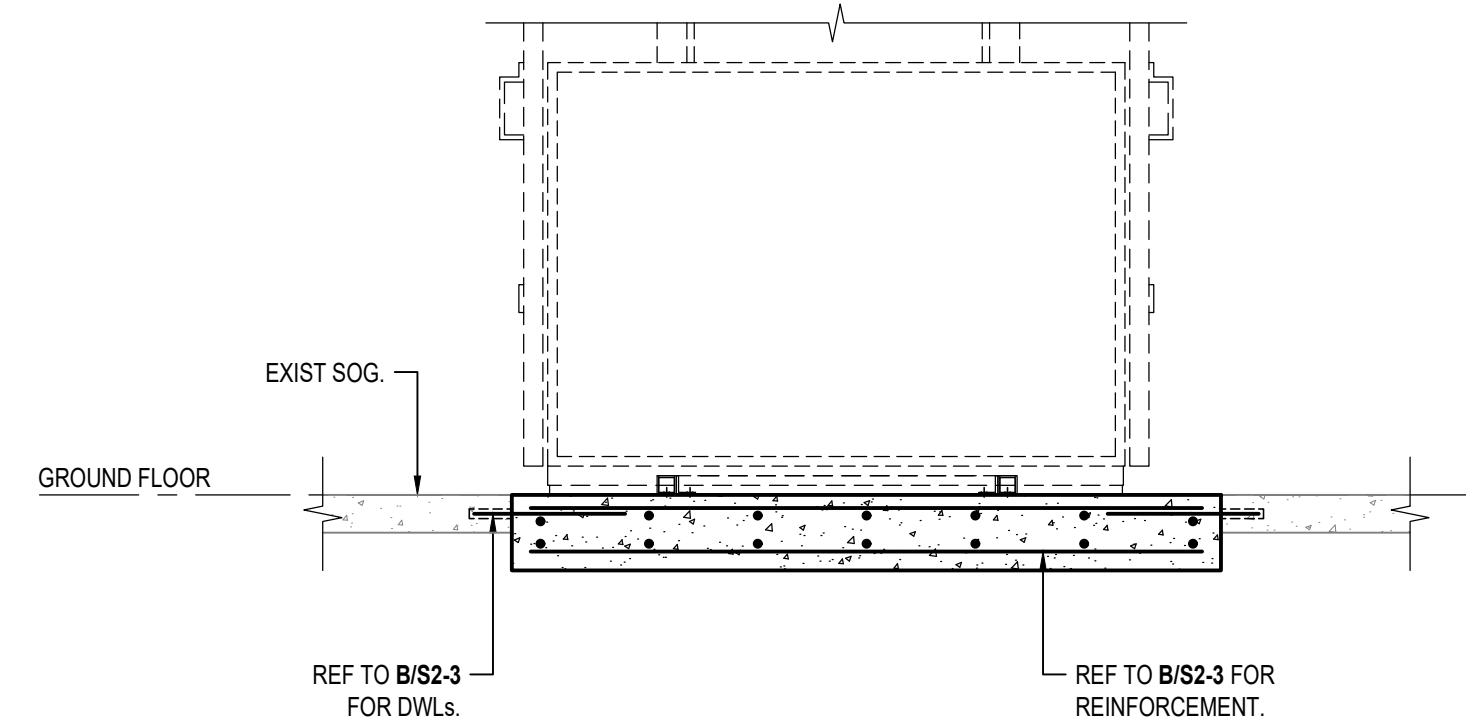
B  
S2-3  
1:20



B  
S2-3  
1:20

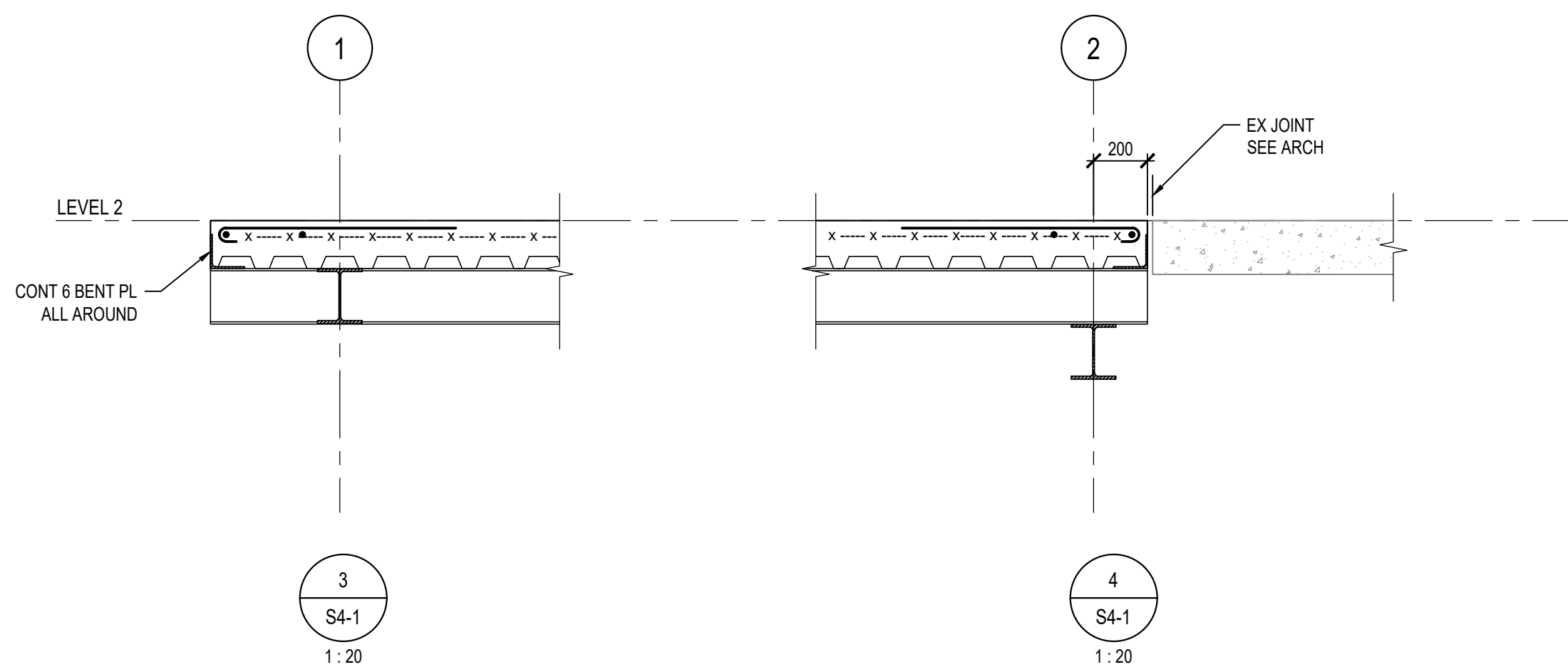
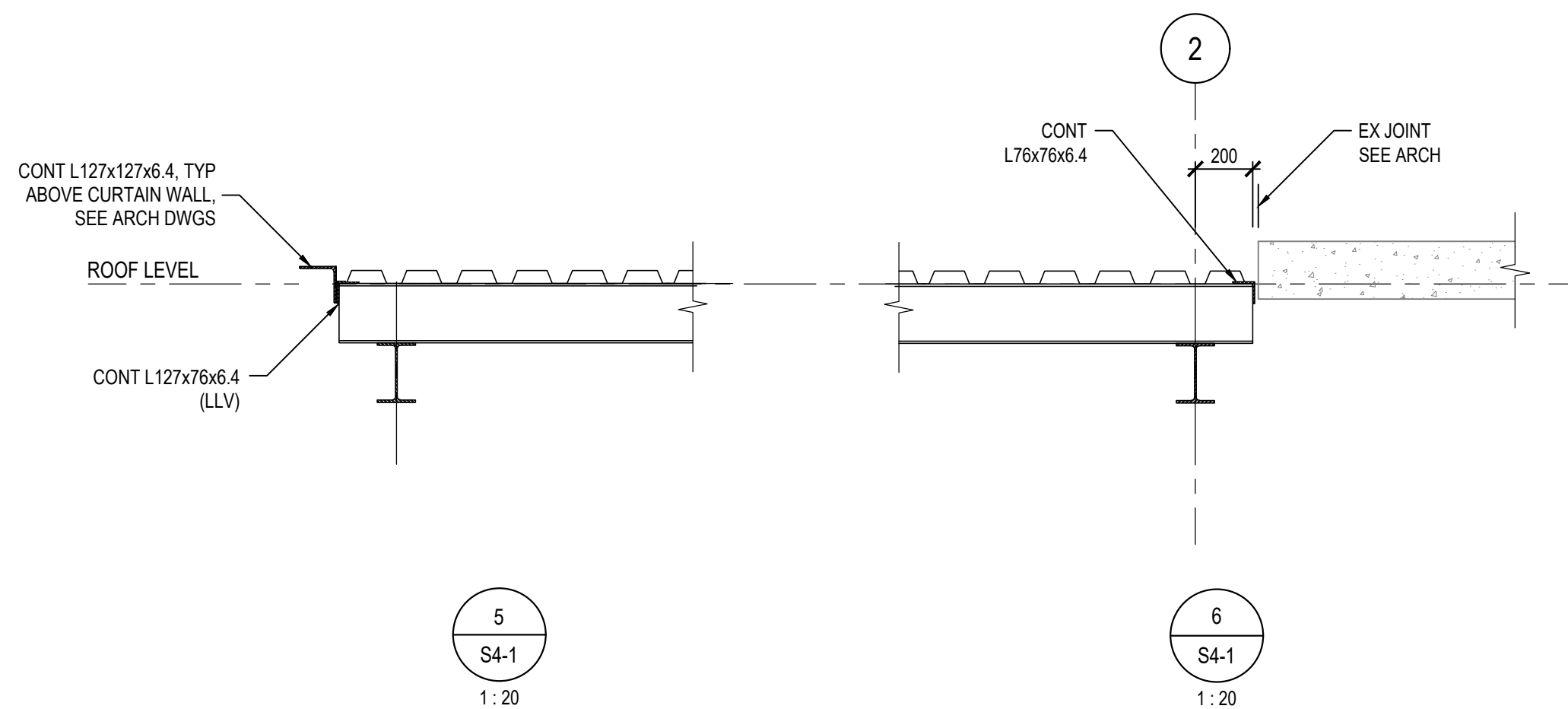
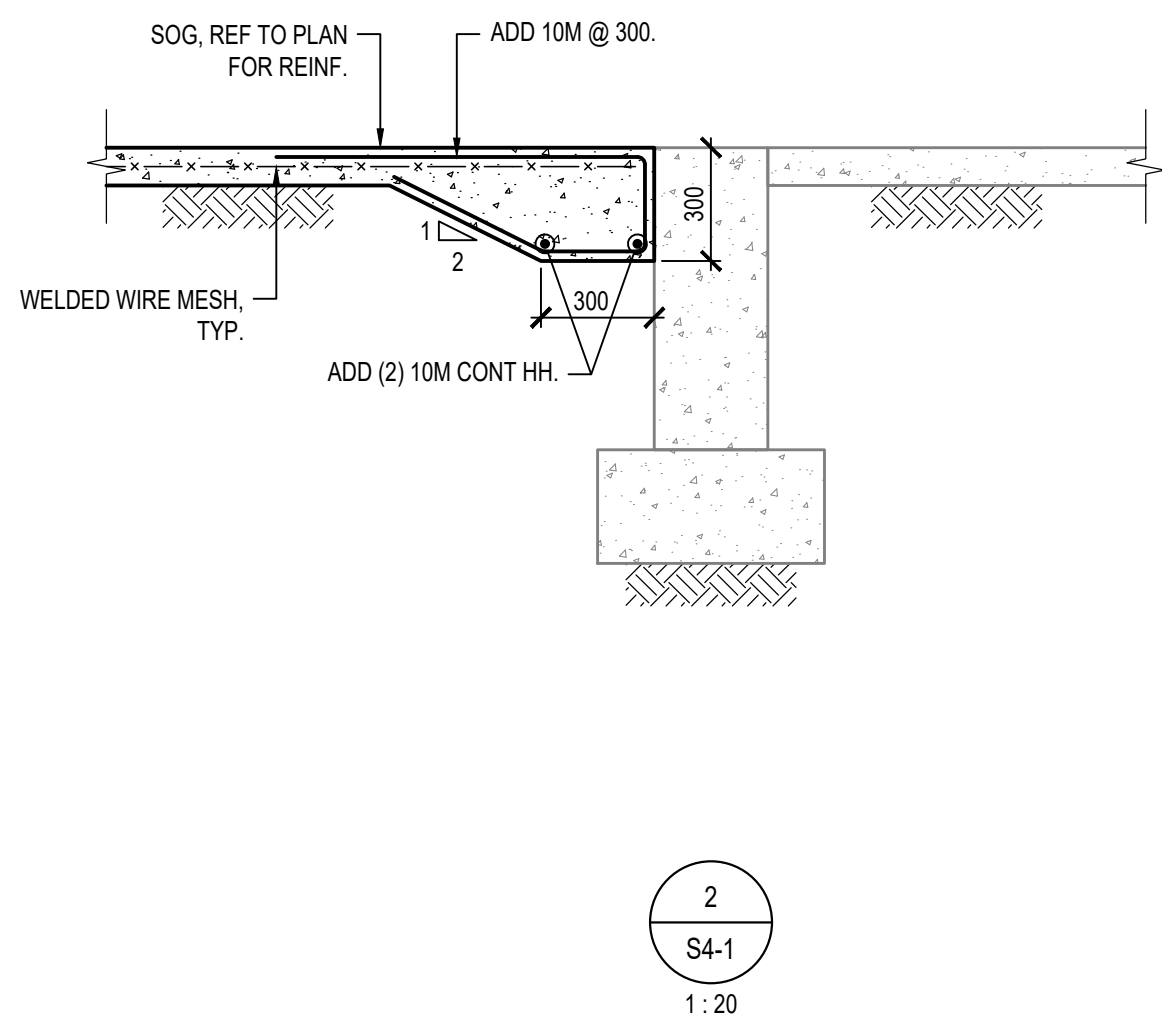
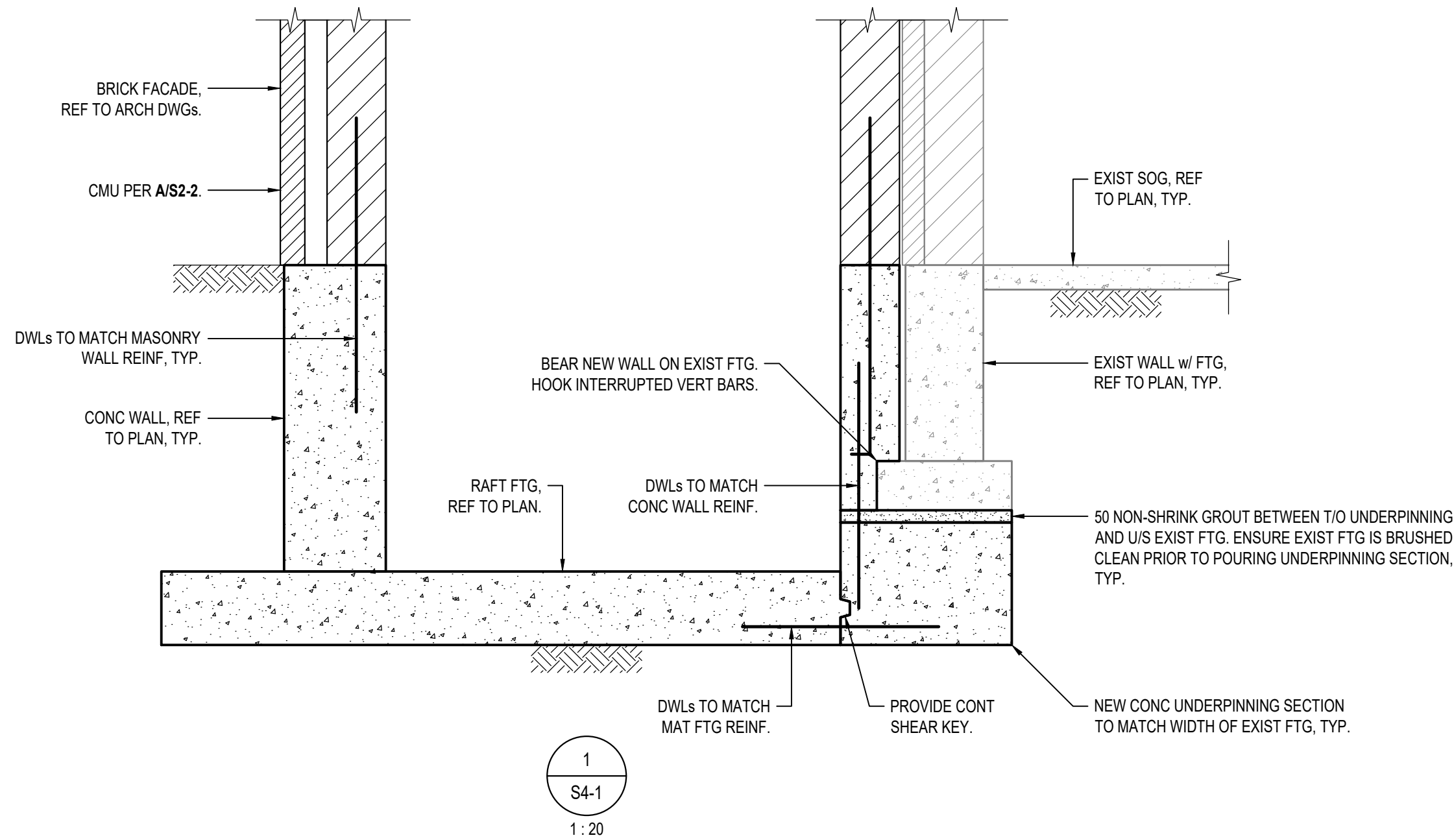
#### GROUND FLOOR FRAMING NOTES

1. READ PLANS AND SECTION IN CONJUNCTION WITH GENERAL NOTES AND TYPICAL DETAILS.
2. THE NEW SLAB HAS ADEQUATE CAPACITY TO SUPPORT THE NEW STAGE LIFT. STRUCTURE HAS BEEN REVIEWED FOR THE FOLLOWING:
  - a. SAVARIA MULTILIFT PUBLIC VERTICAL PLATFORM LIFT.
  - b. TOTAL LIFT WEIGHT OF 1,800 lbs (8.0 kN) WHICH INCLUDES A MAXIMUM LIFT CAPACITY OF 750 lbs (3.3 kN).
  - c. LIFT BASE IMPACT LOAD OF 3,000 lbs (13.4 kN).
3. REFER TO SAVARIA INSTALLATION MANUAL FOR LIFT BASE ANCHOR REQUIREMENTS. NOTE LIFT FRAME IS FREESTANDING AND DOES NOT REQUIRE LATERAL CONNECTION TO BACKING WALL.



1  
S2-3  
1:20





PROJECT NO: A25006		SCALE: 1 : 20	
DRAWN: AQV		DRAWING No: REV.	
CHECKED: CN / BRG		S4-1 1	
DATE: FEB. 2026			

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**Toronto District School Board**  
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ACCESSIBILITY UPGRADES  
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Scarborough, Ontario  
M1E 3Y3

DRAWING TITLE:  
FRAMING PLANS



MECHANICAL LEGEND	
HEATING, VENTILATION AND AIR CONDITIONING (HVAC)	
	RIGID DUCTWORK
	ACOUSTICALLY LINED DUCTWORK
	FLEXIBLE ROUND DUCTWORK
	SUPPLY DUCTWORK RISER UP
	EXHAUST/RETURN DUCTWORK RISER UP
	SUPPLY DUCTWORK RISER DOWN
	EXHAUST/RETURN DUCTWORK RISER DOWN
	BALANCING DAMPER
	SPLITTER DAMPER
	DOOR UNDERCUT
	DOOR GRILLE
	CAPPED DUCTWORK
	SPIN-ON FITTING WITH BALANCING DAMPER
	SUPPLY AIR DIFFUSER
	RETURN/EXHAUST AIR GRILLE
	FLEXIBLE CONNECTION
	SUPPLY AIR GRILLE – WALL-MOUNTED
	RETURN AIR GRILLE – WALL-MOUNTED
	FLEXIBLE DUCT CONNECTION TO RIGID DUCTWORK
	SQUARE ELBOW WITH AIR TURNING VANES
	FUSIBLE LINK FIRE DAMPER WITH ACCESS DOOR IN DUCT
	MOTORIZED DAMPER
	BACK DRAFT DAMPER
	BALANCING DAMPER
	BRANCH TAKE-OFF WITH ADJUSTABLE SPLITTER DAMPER IN SUPPLY DUCT
	OPEN ENDED DUCT WITH BALANCING DAMPER AND BELLMOUTH INLET
	AIR HANDLING UNIT SILENCER AS PER SILENCER SCHEDULE
	A-84 ————— DENOTES DIFFUSER TYPE — DENOTES AIRFLOW (IN L/S) 25 ————— DENOTES NECK SIZE. DUCTWORK TO MATCH.
	THERMOSTAT TIED TO THE BAS SYSTEM
	STANDALONE THERMOSTAT
	PUMP
	HOT WATER SUPPLY – HEATING
	HOT WATER RETURN – HEATING
	HOT WATER REVERSE RETURN – HEATING
	REFRIGERATION LINE – LIQUID
	REFRIGERATION LINE – GAS
	CONDENSATE LINE
	NATURAL GAS LINE
	NATURAL GAS VENT LINE
	ISOLATION VALVE. TYPE AS PER SPECIFICATION
	BALANCING VALVE
	STRAINER
	PRESSURE REDUCING VALVE
	AUTOMATIC 2-WAY CONTROL VALVE
	AUTOMATIC 3-WAY CONTROL VALVE
	CHECK VALVE
	UNION
	MANUAL AIR VENT
	DENOTES EXISTING PIPING TO BE REMOVED
	DENOTES EXISTING PIPING TO REMAIN
	DENOTES NEW PIPING
	GAS METER
	PROPANE METER
	ELECTRIC HEAT TRACING; DIVISION 15 UNLESS OTHERWISE NOTED
	PRESSURE GAUGE
	THERMOMETER
	PIPE UP
	PIPE DOWN

MECHANICAL LEGEND	
HEATING, VENTILATION AND AIR CONDITIONING (HVAC)	
A-5000-0.11	WALL FIN HEATER A DENOTES TYPE 5000 DENOTES HEAT OUTPUT IN WATTS 0.11 DENOTES FLOW RATE IN L/S
FFH-A	FORCED FLOW HEATER FFH-A DENOTES TYPE REFER TO FORCED FLOW HEATER SCHEDULE FOR HEAT OUTPUT AND FLOW RATE
	VAV BOX
	GRILLE SIZE GRILLE TYPE AIR VOLUME (L/S)
PLUMBING AND DRAINAGE	
	ABOVE-GROUND STORM
	STORM IN CEILING SPACE
	ABOVE-GROUND SANITARY
	SANITARY IN CEILING SPACE
	PUMPED SANITARY
	RUNNING TRAP
	PLUMBING TRAP
	SANITARY VENT
	SANITARY CLEANOUT IN ACCESSIBLE CEILING SPACE
	SANITARY CLEANOUT IN SLAB
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRCULATION
	BACKFLOW PREVENTER – SUITABLE FOR SERVICE INTENDED
	WATER METER
	HOSE BIBB
	NON-FREEZE HOSE BIBB
	VENT THROUGH ROOF
	RAIN WATER LEADER
	FLOOR DRAIN
	FUNNEL FLOOR DRAIN
	ROOF DRAIN
CONTROLS	
	BAS – TEMPERATURE SENSOR – IN PIPING
	BAS – CURRENT SENSOR
	BAS – PRESSURE SWITCH
	BAS – FLOW SWITCH
	BAS – ANALOG INPUT
	BAS – ANALOG OUTPUT
	BAS – DIGITAL INPUT
	BAS – DIGITAL OUTPUT
FIRE PROTECTION	
	FIRE EXTINGUISHER IN ENCLOSURE C/W MOUNTING BRACKET
	FIRE EXTINGUISHER C/W MOUNTING BRACKET
	FIRE BLANKET
ACRONYMS	
LABEL	DESCRIPTION
AD	ACCESS DOOR
AC	AIR CONDITIONER
BD	BALANCING DAMPER
BDD	BACKDRAFT DAMPER
CAP	CAP EXISTING SERVICE
CD	CONDENSATE
CTE	CONNECT TO EXISTING
CUT	CUT POINT
DF	DRINKING FOUNTAIN
EA	EXHAUST AIR
EX	EXISTING
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FE	FIRE EXTINGUISHER
FS	FLOW SWITCH
HHS	HAND-HELD SHOWER
LV	LAVATORY
MD	MOTORIZED DAMPER
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
OA	OUTDOOR AIR
PG	PRESSURE GAUGE
RWL	RAIN WATER LEADER
REM	REMOVE
RP	REPLACE
RA	RETURN AIR
SA	SUPPLY AIR
SV	SUPERVISED VALVE
TYP	TYPICAL
UV	UNIT VENTILATOR
VTR	VENT THROUGH ROOF
WD	WASHER-DRYER UNIT
WC	WATER CLOSET

- GENERAL NOTES:**
- ALL DEMOLITION AND NEW WORK SHALL BE COORDINATED WITH ALL TRADES PRESENT ON SITE. CONSTRUCT NEW SERVICES AND LOCATE NEW EQUIPMENT IN SUCH A WAY THAT IT DOES NOT CONFLICT WITH WORK OF OTHER DIVISIONS AND/OR THE OPERATION/MAINTENANCE OF WORK/MATERIAL SUPPLIED BY OTHER DIVISIONS.
  - IT IS MANDATORY FOR THE MECHANICAL CONTRACTOR TO VISIT THE SITE PRIOR TO BIDDING AND REVIEW EXISTING CONDITIONS AND DEMOLITION SCOPE OF WORK TO SUIT EXISTING ARCHITECTURAL, ELECTRICAL, STRUCTURAL AND MECHANICAL SITE CONDITIONS, DRAWINGS, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS. NO EXTRA WILL SUBSEQUENTLY BE ALLOWED TO COVER ANY SUCH ERROR, OMISSION AND/OR OVERSIGHT FOR NOT HAVING MADE A THOROUGH INSPECTION OF THE GROUNDS, EXISTING CONDITIONS, DRAWINGS, SPECIFICATION AND DESIGN INTENT. THE MECHANICAL CONTRACTOR SHALL NOTE THAT THE EXISTING BUILDING WILL REMAIN IN OPERATION THROUGHOUT DEMOLITION/CONSTRUCTION. ALLOW FOR ANY WORK REQUIRED TO BE DONE WHICH MAY AFFECT POWER SUPPLY AND OPERATION OF THE BUILDING TO BE CARRIED OUT AFTER HOURS OR AT A TIME CONVENIENT TO THE BUILDING MANAGEMENT. PROVIDE TEMPORARY SERVICES AS REQUIRED TO ENSURE CONTINUED OPERATION AT ALL TIMES.
  - CAREFULLY EXAMINE OTHER EXISTING UTILITY LINES SUCH AS GAS, WATER ETC. PRIOR TO STARTING ANY WORK.
  - THESE DRAWINGS SHALL BE READ & PRICED IN CONJUNCTION WITH ALL DRAWINGS AND SPECIFICATIONS FORMING THE CONTRACT AS WELL AS ALL OTHER DOCUMENTS FORMING THIS BID. NO EXTRA COST WILL BE ACCEPTED IN FAILURE TO OBTAINING AND/OR REVIEW OF SUCH DOCUMENTS. REFER TO ARCHITECTURAL, ELECTRICAL, FIRE PROTECTION STRUCTURAL AND MECHANICAL LAYOUTS IN CONJUNCTION FOR EXACT LOCATION OF ALL EQUIPMENT. REPORT ANY DISCREPANCIES TO THE MECHANICAL ENGINEER PRIOR TO COMMENCING WORK. NO EXTRA WILL BE PROVIDED AS A RESULT OF A FAILURE TO DO SO.
  - IT IS MANDATORY THAT ALL WORK COMPLY WITH ALL APPLICABLE CODES AND, BASE BUILDING (BOARD) STANDARDS, AND THE STANDARDS SET BY ANY AND ALL LOCAL AUTHORITIES HAVING JURISDICTION.
  - ARRANGE FOR ALL INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION AS MANDATED BY CODES OR THE REQUIREMENTS OF THE AUTHORITIES. ATTEND ALL INSPECTIONS AND FURNISH ALL MATERIALS AND LABOUR REQUIRED TO COMPLETE THE INSPECTIONS TO THE SATISFACTION OF THE AUTHORITIES.
  - WHERE NEW PARTITIONS ARE BEING CONSTRUCTION, ALL NEW SERVICES SHALL BE CONCEALED IN SUCH PARTITIONS WHERE FEASIBLE AND PERMITTED BY CODE. ALL SERVICES SPECIFIED TO BE INSULATED SHALL BE CONCEALED WITH INSULATION.
  - IN THE EVENT OF ANY DISCREPANCY BETWEEN THE MECHANICAL DRAWINGS AND SPECIFICATIONS, ALLOW FOR THE HIGHEST-PRICED OPTION IN THE TENDER PRICE.
  - ALL EQUIPMENT AND SERVICES SHALL BE STARTED-UP BY THE CONTRACTOR AND BY THE APPROPRIATE AGENCIES REQUIRED FOR CONDUCTING SUCH START-UPS. PROVIDE A MINIMUM OF 10 BUSINESS DAYS NOTICE TO THE MECHANICAL ENGINEER OF NEW EQUIPMENT/SERVICES START-UPS.
  - FURNISH ALL MATERIAL AND EQUIPMENT AS SPECIFIED, EXCEPT WHERE SPECIFIC APPROVAL FOR SUBSTITUTION IS GIVEN IN WRITING BY THE OWNER.

DRAWING LIST	
DRAWING NUMBER	DESCRIPTION
M1	MECHANICAL LEGEND AND NOTES
M2	FIRST FLOOR KEY PLAN
M3	SECOND FLOOR KEY PLAN
M4	ELEVATOR – MECHANICAL PART PLANS
M5	WASHROOM – MECHANICAL PART PLANS
M6	SCHEDULES & SCHEMATICS

ABATEMENT WORK	
REFER TO THE DESIGNATED SUBSTANCES AND HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT BY THE ENVIRONMENTAL CONSULTANT AND INCLUDED IN THE TENDER DOCUMENTS.	
ALL ABATEMENT WORK NECESSARY FOR THE SCOPE OF THIS PROJECT SHALL BE INCLUDED IN THE BASE TENDER PRICE. REFER TO THE DSS FOR DESIGNATED SUBSTANCES AND HAZARDOUS BUILDING MATERIALS IN THE BUILDING AND/OR AREA OF WORK.	
THE CONTRACTOR SHALL UTILIZE ONLY TDSB-APPROVED ENVIRONMENTAL CONTRACTORS FOR ANY ABATEMENT WORK.	
COORDINATE ALL WORK AND DAILY INSPECTIONS (AS NECESSARY) WITH THE ENVIRONMENTAL CONSULTANT.	
ALL REINSTATEMENT OF ABATED MATERIALS (CEILING TILES, INSULATION, FLOOR TILES, BUILDING FINISHES, ETC.) SHALL BE INCLUDED IN THE BASE TENDER PRICE.	

- INITIAL INVESTIGATION UPON AWARD**
- UPON AWARD, CONDUCT A THOROUGH SITE INVESTIGATION OF THE AREA OF WORK AND PROVIDE THE FOLLOWING TO THE CONSULTANT WITHIN FIFTEEN (15) DAYS OF AWARD:
- SITE VERIFY THE ROUTING AND SIZES OF ALL EXISTING DUCTWORK DEPICTED ON THE DRAWINGS AND ADVISE THE ENGINEER OF ANY DISCREPANCY FROM THE INFORMATION SHOWN ON THE DRAWINGS.
  - CAMERA SCOPE THE UNDERGROUND DRAINAGE IN THE AREA OF WORK, IN THE AREA OF THE PROPOSED CONNECTION AND IN THE NEARBY AREA IN ORDER TO DETERMINE THE CONDITION, SIZE, INVERT (DEPTH) AND DIRECTION OF FLOW FOR ALL UNDERGROUND SANITARY PIPING. PROVIDE ANY ABNORMALITIES OR DEVIATION IN SIZE OR ROUTING FROM THAT SHOWN ON THE DRAWINGS. PROVIDE A COPY OF THE SCOPING VIDEO TO THE CONSULTANTS FOR REVIEW AND RECORD PURPOSES.
  - SITE VERIFY THE ROUTING AND SIZES OF ALL EXISTING DCW, DHW, DHWR, HEATING SUPPLY AND HEATING RETURN PIPING. ADVISE THE ENGINEER OF ANY DISCREPANCY FROM THE INFORMATION SHOWN ON THE DRAWINGS.
  - LOCATE ANY EXISTING ISOLATION VALVES. NOTE THAT DUE TO THE AGE OF THE EXISTING PIPING, IT IS LIKELY THAT THE VALVES ARE NOT FUNCTIONAL. AS A RESULT, THE CONTRACTOR MUST ALLOW FOR PIPE FREEZING OF THE EXISTING DCW, DHW, DHWR, HEATING SUPPLY AND HEATING RETURN SERVICES AS REQUIRED TO COMPLETE THE NECESSARY DEMOLITION SCOPE AND/OR ANY NEW CONNECTION WORK.

CONSULTANTS LOGO

SURI & ASSOCIATES LTD.  
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1022 WHITE CLOVER WAY  
MISSISSAUGA, ONTARIO  
L5V 1C8  
T (905)–290–7861  
F (289)–327–3420

ELECTRICAL  
MECHANICAL  
LIGHTING  
COMMUNICATION  
SECURITY

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT PRIOR TO COMMENCING CONSTRUCTION. ALL DRAWINGS AND SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF "TDSB" AND MUST BE RETURNED UPON REQUEST. USE THE LATEST REVISED DRAWINGS ONLY. REPRODUCTIONS OF DRAWINGS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT TDSB'S WRITTEN PERMISSION. DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS DO NOT SCALE DRAWINGS.

2	APR. 8/26	ISSUED FOR PERMIT/TENDER
1	MAR. 20/26	ISSUED FOR COORDINATION
No.	DATE	DESCRIPTION
STAMP		NORTH

Toronto  
District  
School  
Board

Facility Services Department  
Design & Construction Division  
15 Oakburn Cres. Toronto, Ontario M2N 2T5  
t. 416-395-4588 / f. 416-395-9734

LOCATION

William G. Miller  
Public School

60 Bennett Road  
Toronto, Ontario. M1E 3Y3

PROJECT

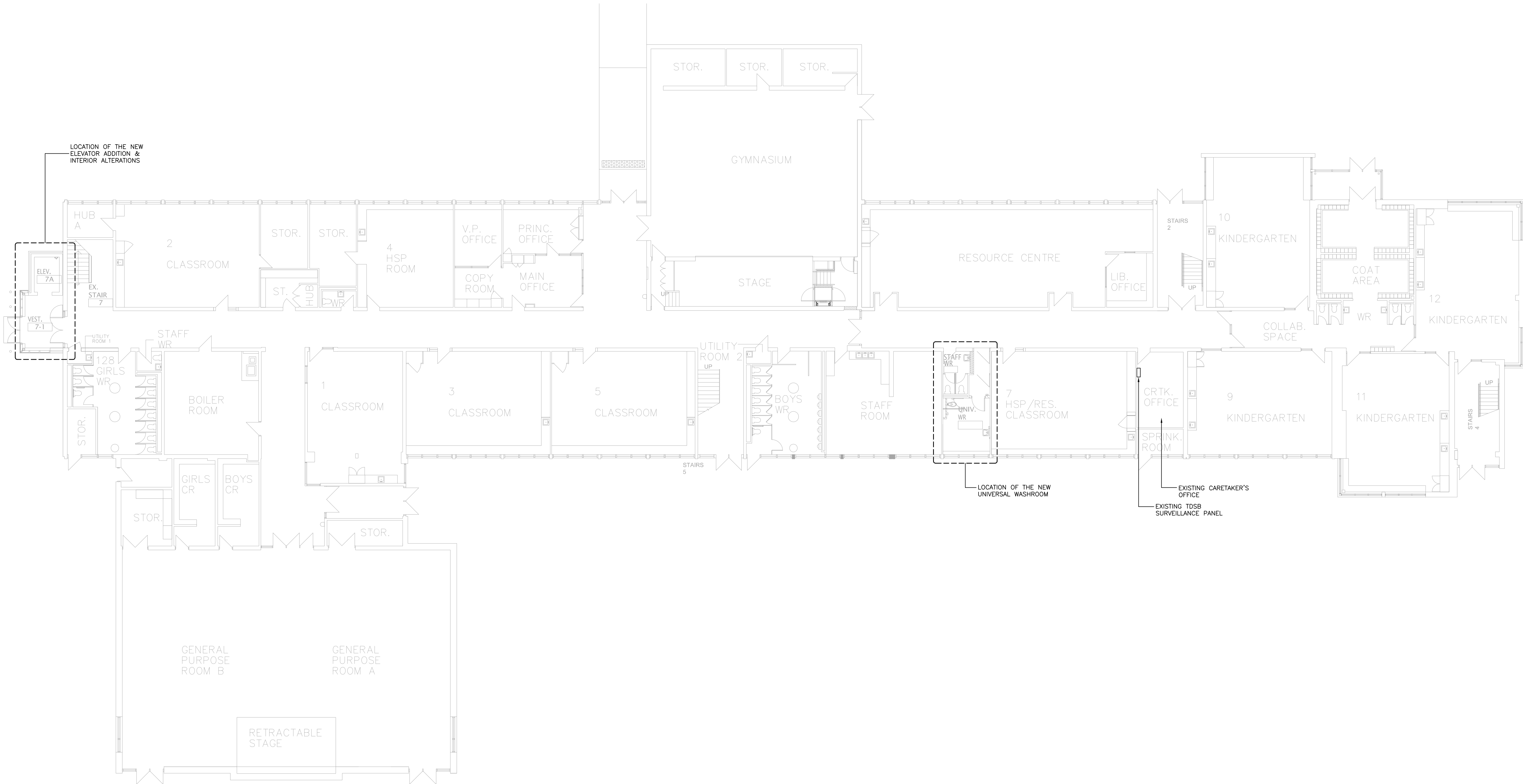
ACCESSIBILITY UPGRADES

DRAWING TITLE

MECHANICAL LEGEND AND NOTES

TDSB PROJECT No:	TR–25–XXXX	DRAWING No
DATE:	FEBRUARY 2026	M1
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	





1 FIRST FLOOR KEY PLAN  
M2 SCALE: 1:150

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LOCATION

William G. Miller  
Public School  
60 Bennett Road  
Toronto, Ontario, M1E 3Y3

PROJECT

ACCESSIBILITY UPGRADES

DRAWING TITLE

FIRST FLOOR KEY PLAN

TDSB PROJECT No:	TR-25-XXXX	DRAWING No
DATE:	FEBRUARY 2026	M2
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	

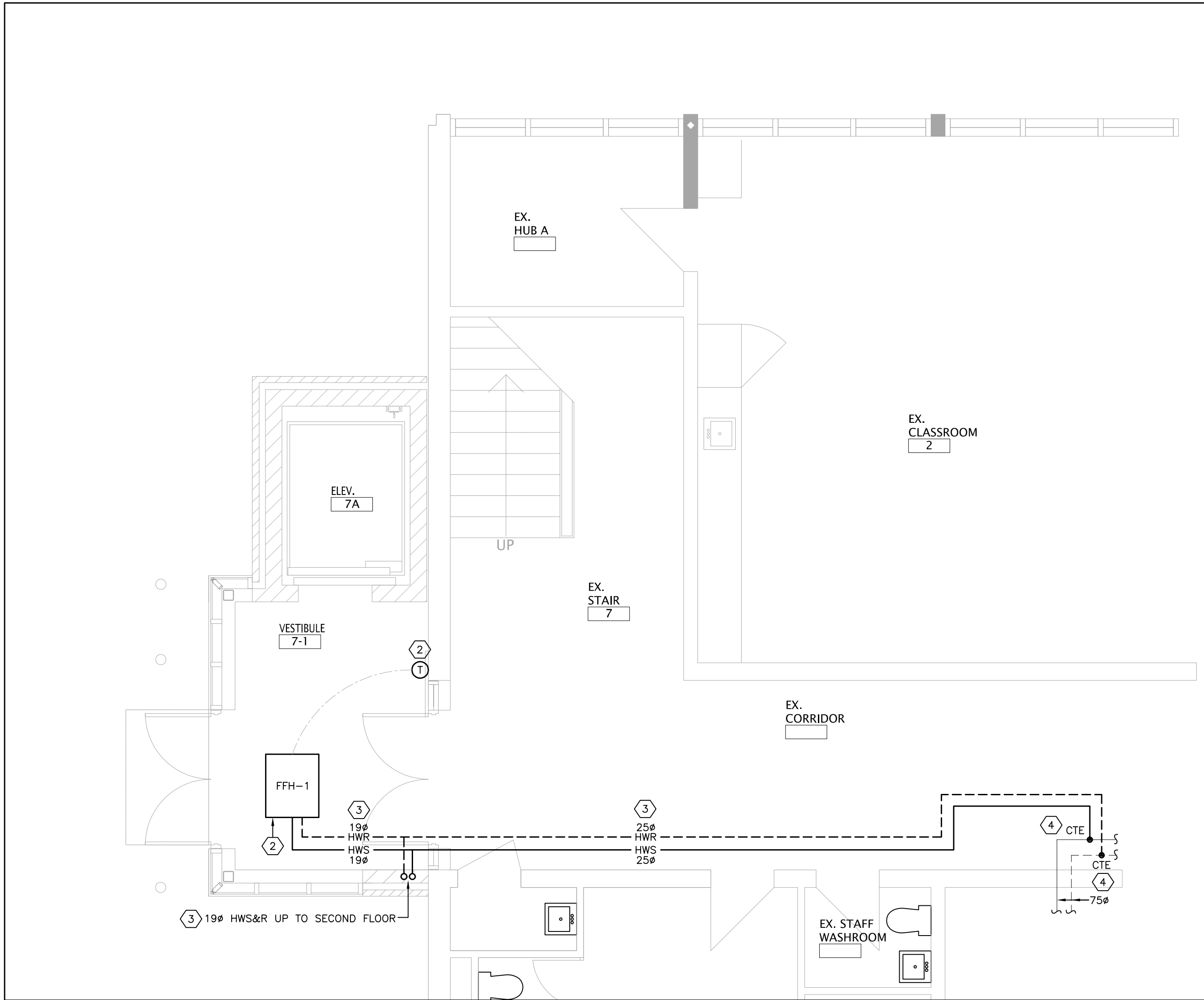




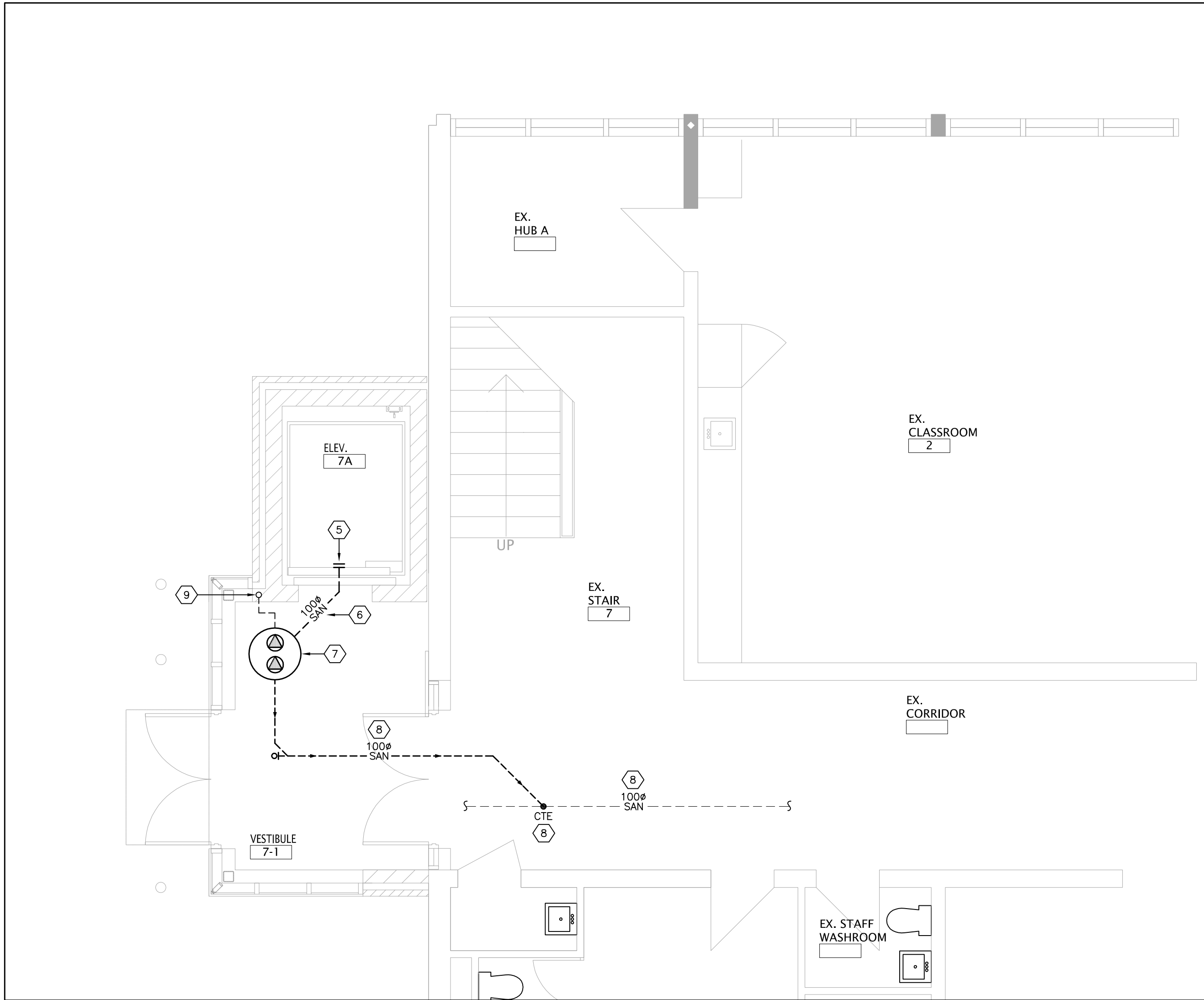
APPROVED BY: SS

M3

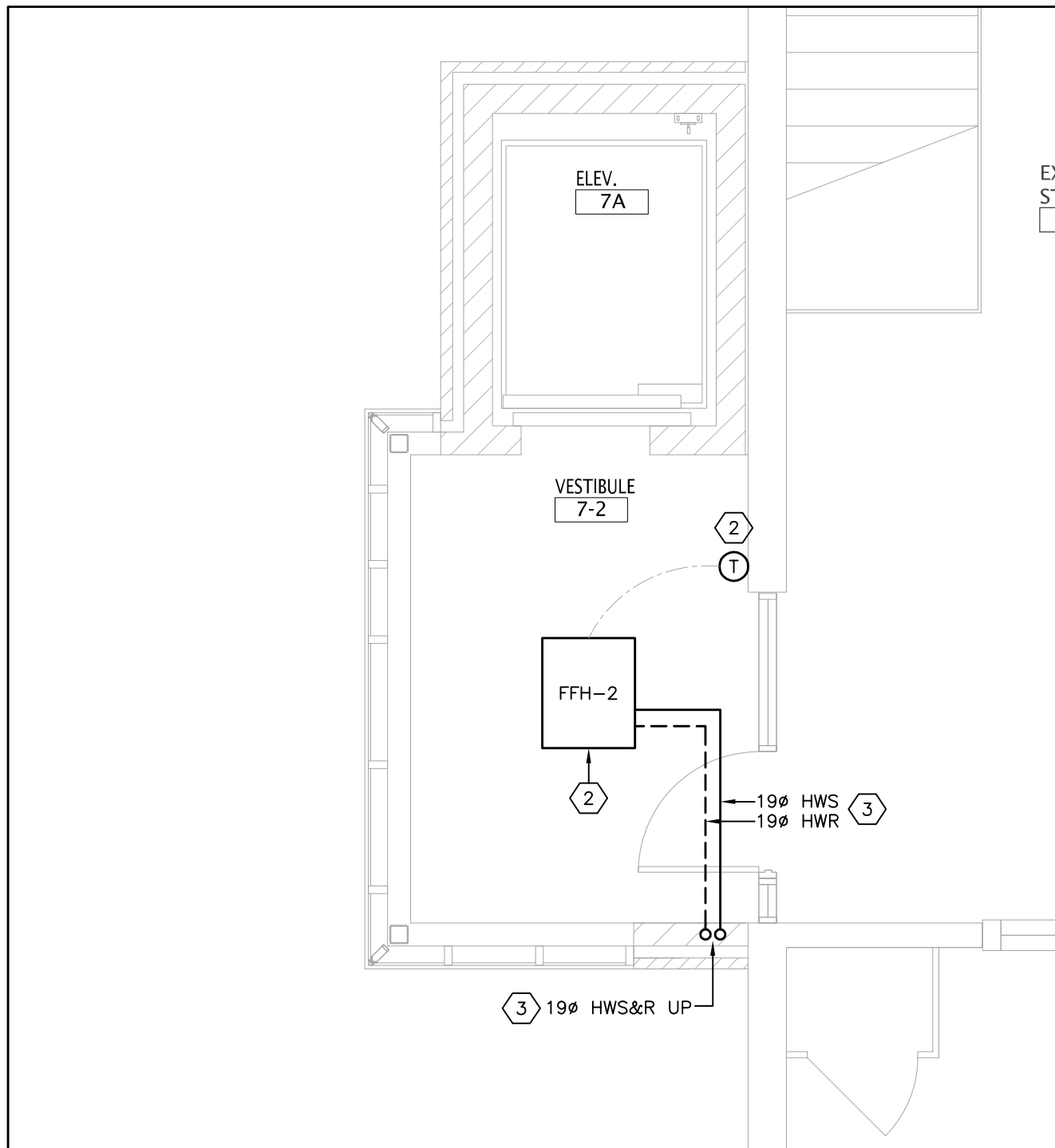




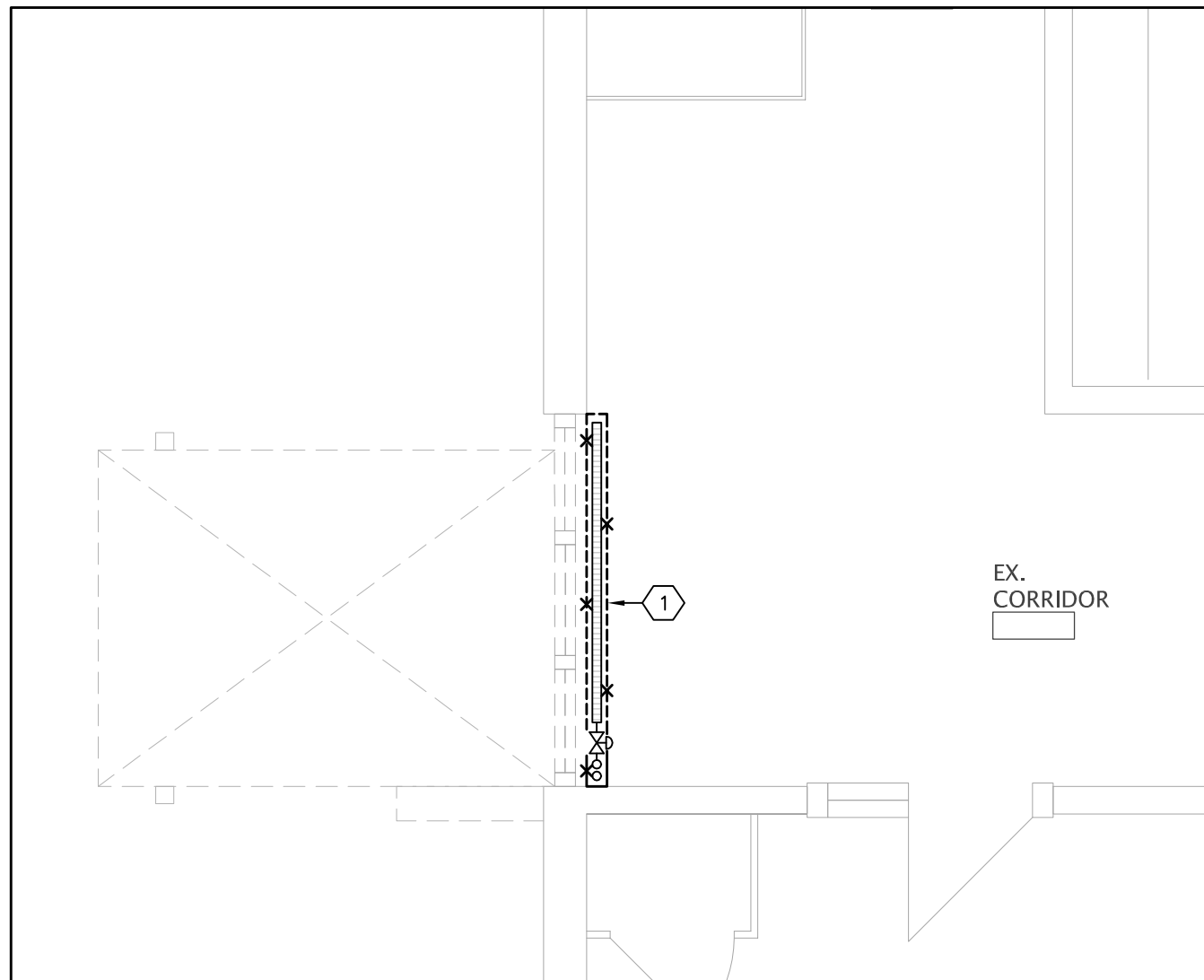
1 FIRST FLOOR ELEVATOR ADDITION – NEW HEATING PLAN  
M4 SCALE: 1:50



2 FIRST FLOOR ELEVATOR ADDITION – NEW DRAINAGE PLAN  
M4 SCALE: 1:50



3 SECOND FLOOR ELEVATOR ADDITION – NEW HEATING PLAN  
M4 SCALE: 1:50



4 EXISTING SECOND FLOOR PART PLAN – EXISTING HEATING PLAN  
M4 SCALE: 1:50

DRAWING NOTES:

- 1 REMOVE THE EXISTING HOT WATER CONNECTOR IN ENTIRETY, REMOVE THE EXISTING 19# HWS&R PIPING DOWN TO THE CEILING SPACE OF THE FIRST FLOOR AND CAP. REMOVE ALL REDUNDANT CONTROLS (CONTROL VALVE AND THERMOSTAT) AND CAP ALL REDUNDANT PNEUMATICS.
- 2 PROVIDE A NEW RECESSED HOT WATER FORCED FLOW HEATER IN THE CEILING AS SCHEDULED AND DETAILED. PROVIDE A NEW BAS SPACE TEMPERATURE SENSOR AS SHOWN. PROVIDE NEW 19# HWS&R PIPING TO THE FFH AS SHOWN.
- 3 PROVIDE NEW HWS&R PIPING AS SHOWN. CONCEAL ALL PIPING.
- 4 EXPOSE THE CEILING IN THE CORRIDOR AREA TO REVEAL ALL EXISTING HWS&R PIPING ABOVE THE CEILING. EXACT TIE-IN POINTS ARE TO BE CONFIRMED BY THE CONSULTANT ON SITE DURING CONSTRUCTION.
- 5 PROVIDE A NEW SCUPPER DRAIN AT THE BASE OF THE ELEVATOR PIT. VERIFY EXACT LOCATION AND CONSTRUCTION DETAIL WITH THE ELEVATOR CONTRACTOR. PIT TO BE SLOPED TOWARDS THE SCUPPER DRAIN. PROVIDE A BACKWATER VALVE.
- 6 PROVIDE NEW 100# BURIED SANITARY FROM THE SCUPPER DRAIN TO THE INDOOR SUMP PIT.
- 7 PROVIDE A NEW 900mmØ X 3.0 METER DEEP FIBREGLASS SUMP PIT C/W DUPLEX SUMP PUMP ASSEMBLY AS DETAILED AND SPECIFIED.
- 8 PROVIDE NEW PUMPED 100# PUMPED SANITARY AND CONNECT TO THE EXISTING BURIED SANITARY IN THE CORRIDOR. AT THE ONSET OF THE PROJECT, SITE VERIFY THE SIZE, LOCATION AND INVERT OF THE EXISTING BURIED SANITARY IN THE CORRIDOR.
- 9 PROVIDE A NEW 75# VENT FROM THE PIT UP TO THE SECOND FLOOR AND UP THROUGH THE ROOF. REFER TO ARCHITECTURAL DRAWINGS FOR TERMINATION DETAIL.

SUMP PUMP SCHEDULE

TAG	MAKE	MODEL	SYSTEM	TYPE	CAPACITY L/S [GPM]	HEAD kPa [FT]	RPM	MOTOR HP	ELECTRICAL (V/PH/Hz)	REMARKS
SP-1 & SP-2	BARNES OR EQUAL	2SEV-XXXX	ELEVATOR SUMP PUMPS	SUBMERSIBLE PUMPS	3.2 [50]	75.0 [25]	–	1.0	208/1/60	C/W STARTER, FLOATS & CONTROL PANEL – SEE DETAIL, SUITABLE FOR SANITARY
NOTES: 1. PROVIDE ALL VALVES AND ACCESSORIES AS PER SUMP PUMP SCHEMATICS. 2. PUMP SHALL BE DUPLEX TYPE C/W CONTROL PANEL AND 4-STAGE/LEVEL FLOATS. 3. FOR PUMPS, MECHANICAL CONTRACTOR TO PROVIDE A STARTER AND CONTROL PANEL CAPABLE OF ALTERNATING RUN TIME OF THE PUMPS AFTER 6 HOURS OF RUN TIME, 3-POSITION SELECTION SWITCH AND PILOT LIGHTS.										

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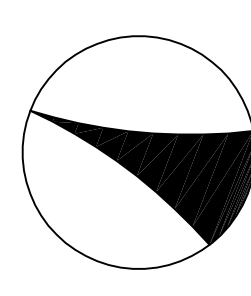
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LOCATION

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Public School  
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Toronto, Ontario, M1E 3Y3

PROJECT

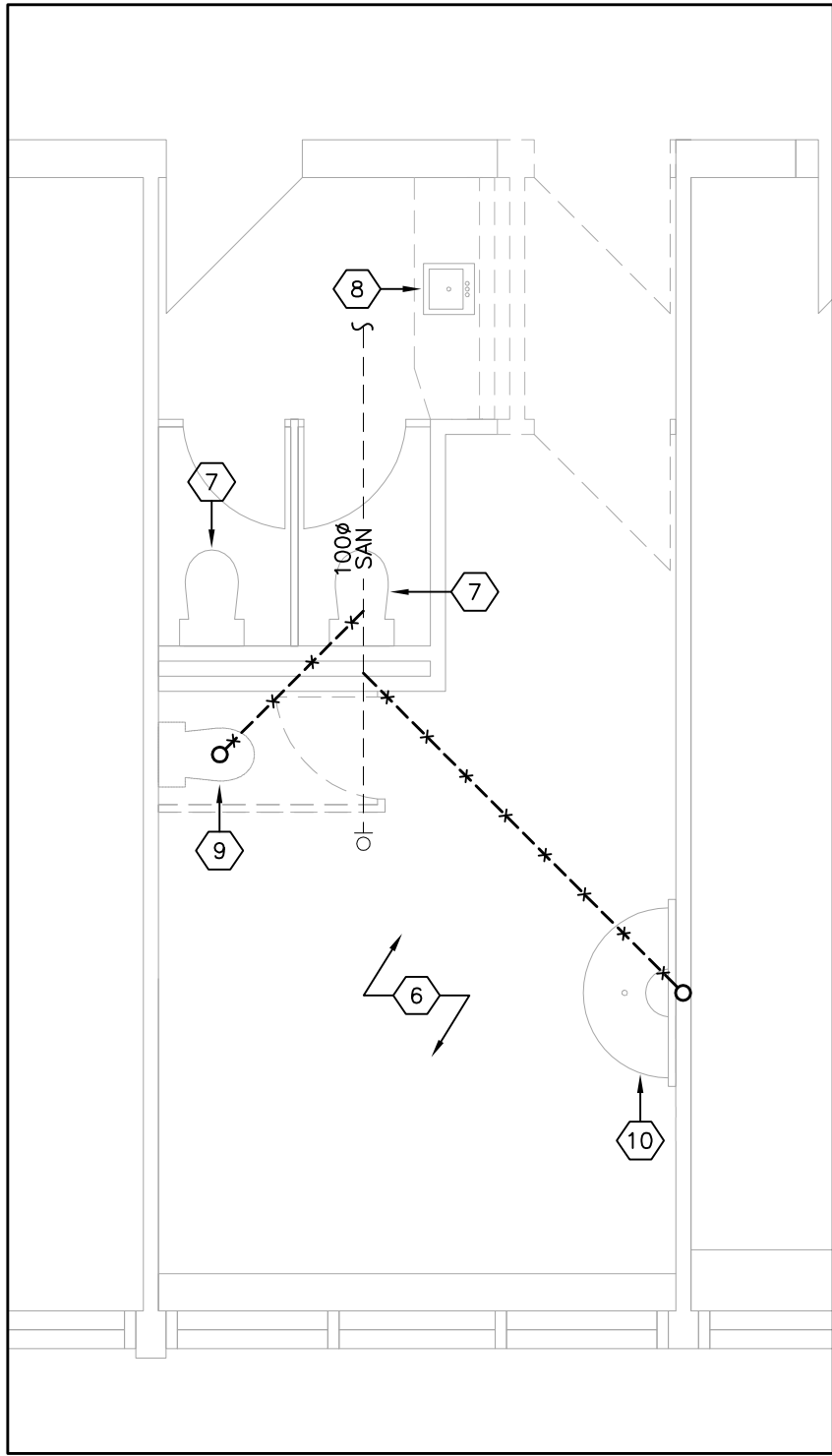
ACCESSIBILITY UPGRADES

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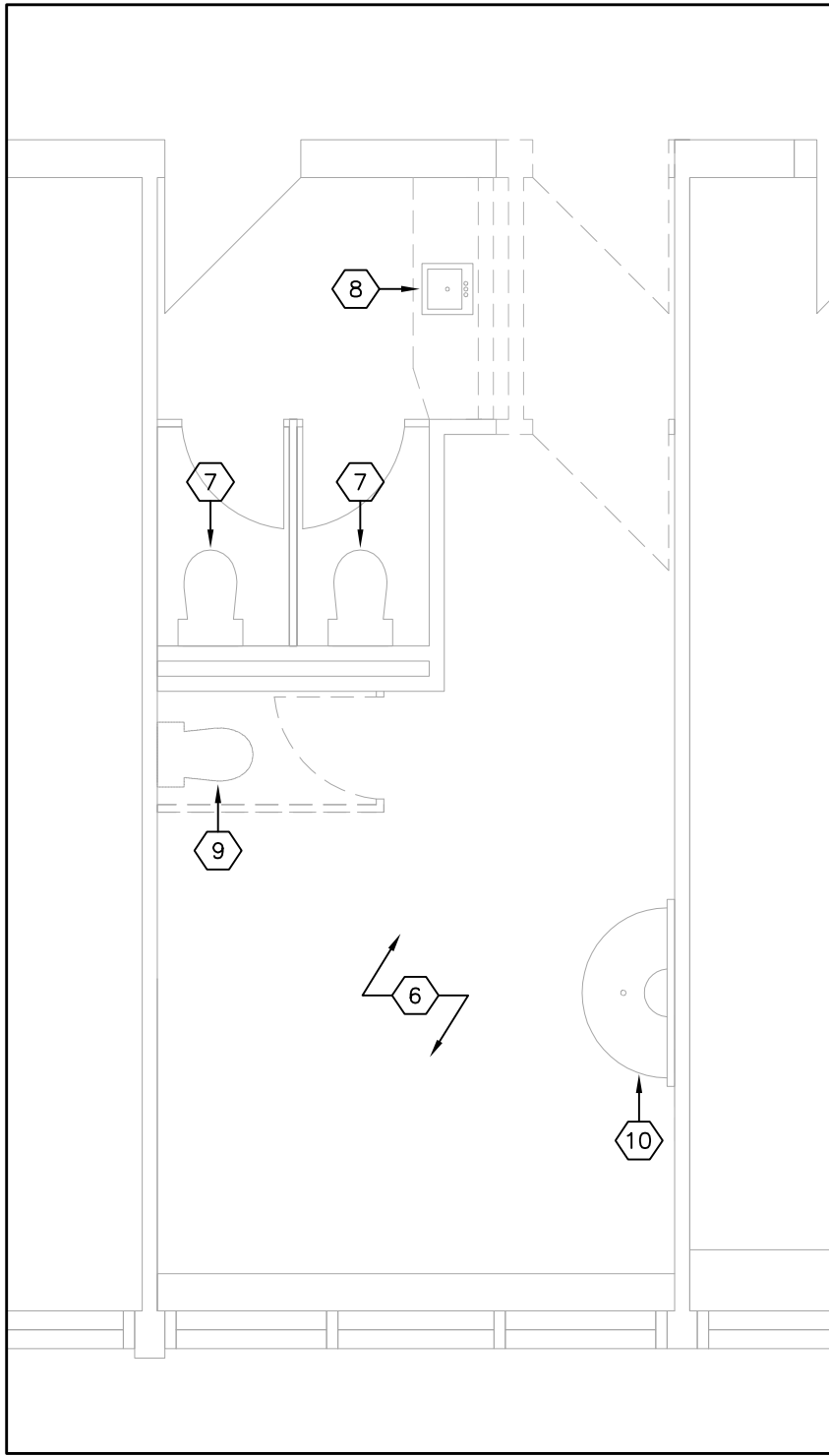
ELEVATOR – MECHANICAL PART PLANS

TDSB PROJECT No:	TR–25–XXXX	DRAWING No
DATE:	FEBRUARY 2026	M4
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	

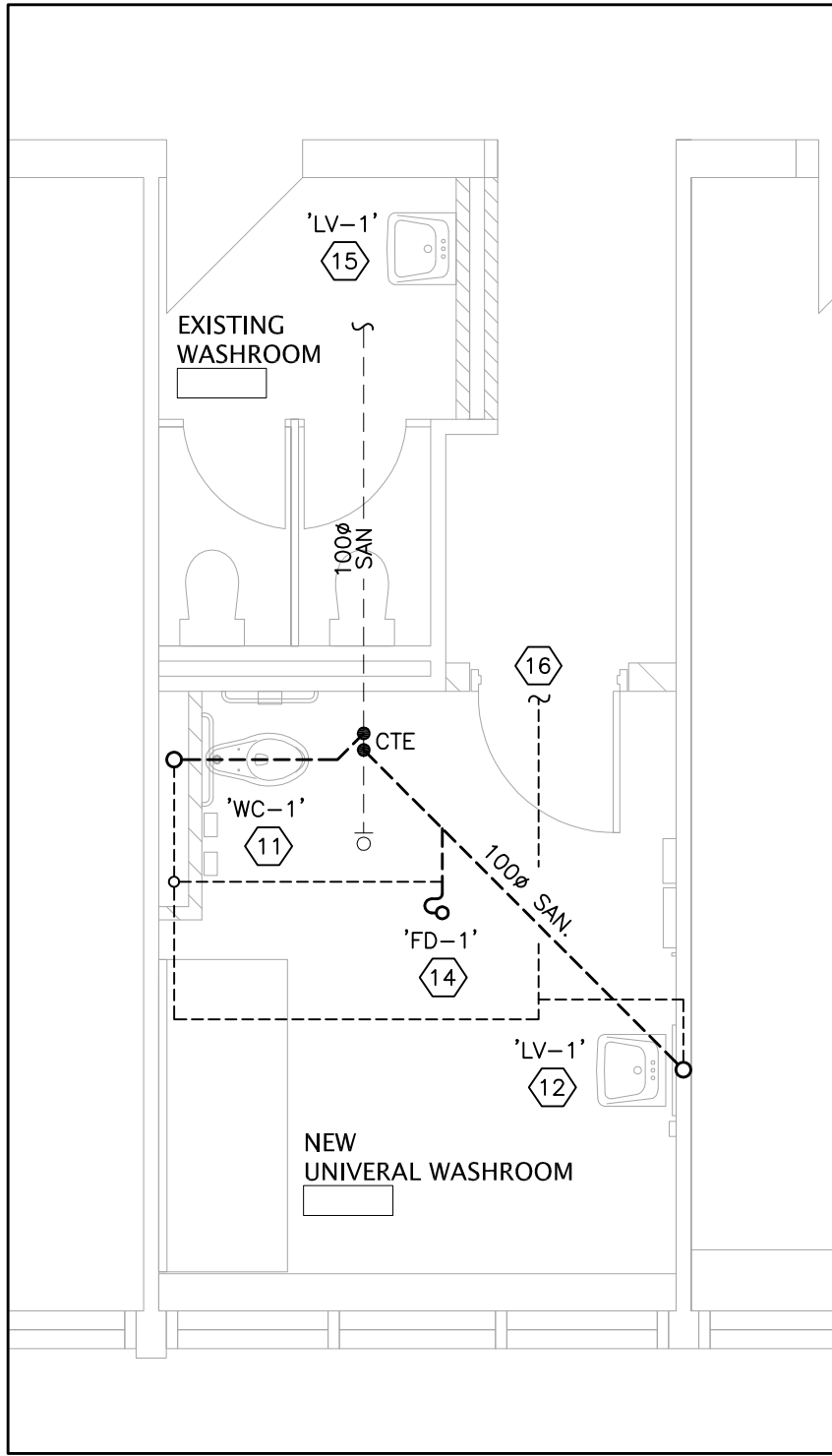




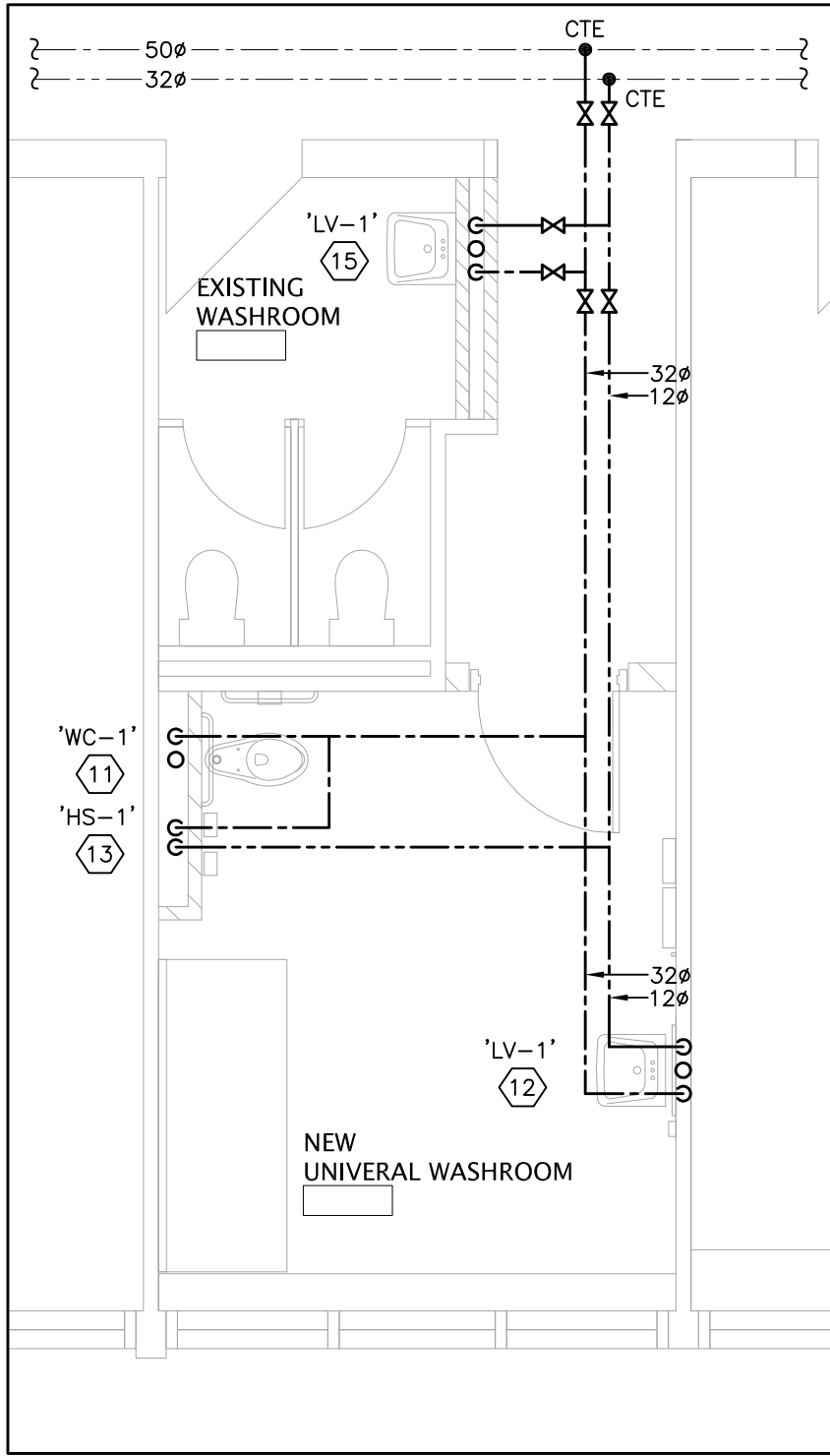
1 EXISTING DRAINAGE PLAN  
M5 SCALE: 1:50



2 EXISTING PLUMBING PLAN  
M5 SCALE: 1:50



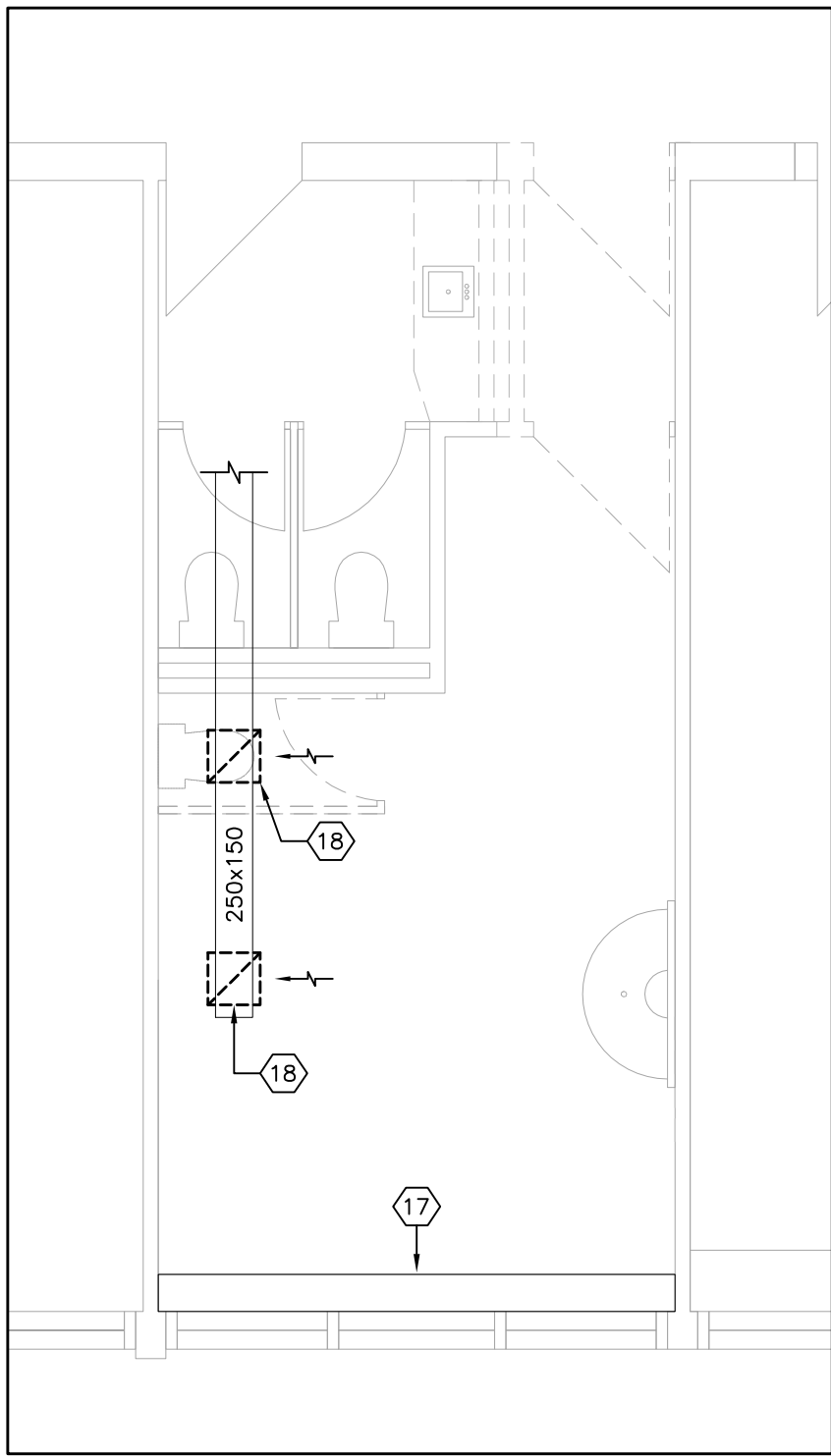
3 NEW DRAINAGE PLAN  
M5 SCALE: 1:50



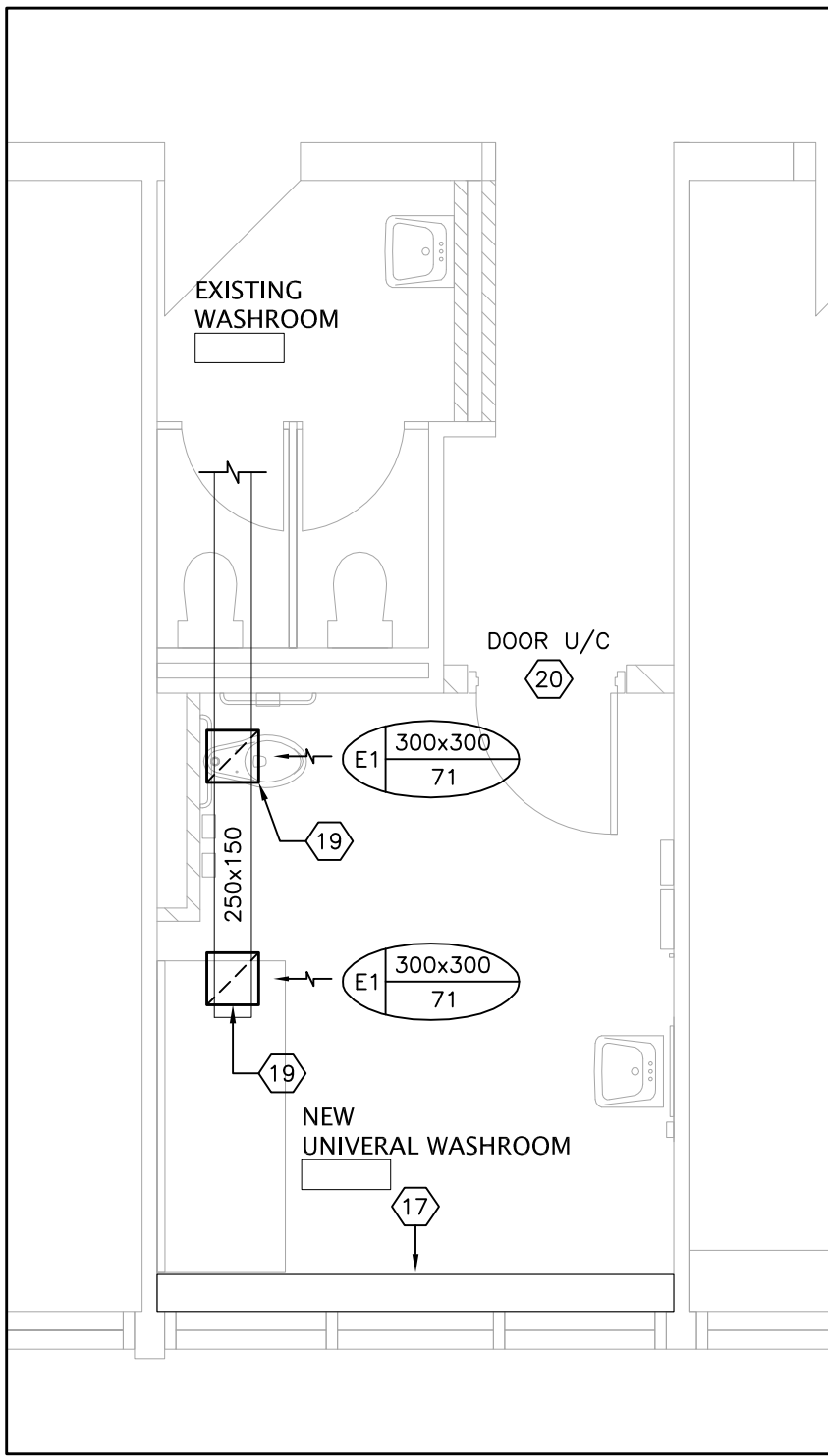
4 NEW PLUMBING PLAN  
M5 SCALE: 1:50

DRAWING NOTES:

- ALL DETAILS SHOWN ON THESE DRAWINGS ARE BASED ON ARCHIVE DRAWINGS AND, WHERE FEASIBLE, SITE INVESTIGATION. THE CONTRACTOR SHALL SITE VERIFY ALL INFORMATION PRESENTED ON THESE PLANS AND ADVISE THE ENGINEER OF ANY DISCREPANCY IN WRITING. NOTE ANY DISCREPANCIES ON THE AS-BUILT DRAWINGS.
- ALL PLUMBING/DRAINAGE ELEMENTS SHOWN ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. PROTECT EXISTING PIPING DURING DEMOLITION. INCLUDE FOR REWORK OF EXISTING PIPING DUE TO DEMOLITION SCOPE AND TO ENSURE EXISTING TO REMAIN PLUMBING FIXTURES ARE KEPT OPERATIONAL.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SCANNING, CUTTING, PATCHING & FINISHING OF FLOORS, CEILINGS AND WALL. COORDINATE SCOPE OF WORK AT THE TIME OF PRICING AND INSTALLATION.
- AT THE ONSET OF PROJECT, INVESTIGATE ALL EXISTING PIPING SIZES, LOCATIONS & INVERT LEVELS AS APPLICABLE PRIOR TO ORDERING OF MATERIAL, CORE AND CUT TO ENSURE THAT THE PROPOSED CONNECTIONS CAN BE MADE WITHOUT ANY ISSUE. ADVISE OF ANY DISCREPANCY TO THE CONSULTANT FOR RESOLUTION PRIOR TO PROCEEDING.
- ALLOW, IN THE BASE TENDER PRICE, FOR PIPE FREEZING AS A MEANS OF PIPE ISOLATION TO INSTALL NEW VALVES AND TO CONNECT THE NEW SERVICES TO THE EXISTING.
- AT THE ONSET OF THE PROJECT, SITE VERIFY THE LOCATION AND SIZES OF ALL EXISTING DCW, DHW, SANITARY AND VENT PIPING SERVICES SERVING THE EXISTING WASHROOM. PROVIDE THE FINDINGS TO THE ENGINEER. AVAILABLE INFORMATION FROM ARCHIVE DRAWINGS IS MINIMAL.
- EXISTING WATER CLOSET IS TO REMAIN AS IS. ALL EXISTING PLUMBING & DRAINAGE IS TO REMAIN AS IS.
- REMOVE THE EXISTING COUNTERTOP SINK. REMOVE ALL REDUNDANT DC&HW, SANITARY AND VENT PIPING AND CAP.
- REMOVE THE EXISTING WALL-HUNG WATER CLOSET C/W FLUSH VALVE ASSEMBLY. REMOVE ALL REDUNDANT DCW, SANITARY AND VENT PIPING AND CAP.
- REMOVE THE EXISTING BRADLEY SINK. REMOVE ALL REDUNDANT DC&HW, SANITARY AND VENT PIPING AND CAP.
- PROVIDE NEW 25mm DCW, 75mm SANITARY, 38mm VENT TO SERVE THE NEW WATER CLOSET ('WC-1').
- PROVIDE NEW 12mm H&CW, 32mm SANITARY, 32mm VENT TO SERVE THE NEW LAVATORY ('LV-1').
- PROVIDE NEW 12mm DH&CW TO SERVE THE NEW HANDHELD SHOWER ('HS-1') VIA MIXING VALVE IN STAINLESS STEEL RECESSED BOX WITH MATCHING HINGED & LOCKABLE DOOR. MOUNT BOX AT 1650mm HIGH (MEASURED TO THE CENTER OF THE BOX).
- NEW 75mm SANITARY, 38mm VENT TO SERVE THE NEW FLOOR DRAIN ('FD-1'). PROVIDE TRAP SEAL PRIMER.
- NEW 12mm H&CW, 32mm SANITARY, 32mm VENT TO SERVE THE NEW LAVATORY ('LV-1'). RE-WORK THE EXISTING SANITARY TO SUIT THE SHIFT IN THE WALL AND CONNECT TO THE EXISTING UNDERGROUND SANITARY AND VENT SERVING THE OLD SINK.
- NEW VENT IN PIPE CHASE. CONNECT TO THE EXISTING VENT OF ADEQUATE SIZE SERVING THE EXISTING (TO REMAIN) WASHROOM AND/OR THE DEMOLISHED WASHROOM. INCLUDE FOR AN ADDITIONAL 30' OF PIPING AS REQUIRED TO MAKE THE REQUIRED CONNECTION, INCLUDING ALL NECESSARY CUTTING AND PATCHING. TRACE EXISTING PIPING AS NECESSARY TO LOCATE A VENT SUITABLE FOR CONNECTION.
- EXISTING HOT WATER PERIMETER CONVECTOR IS TO REMAIN; TEMPORARILY REMOVE FOR THE DURATION OF CONSTRUCTION. REINSTATE AT THE COMPLETION OF CONSTRUCTION.
- REMOVE THE EXISTING EXHAUST GRILLE TO FACILITATE REPLACEMENT OF THE CEILING. REWORK DUCTWORK TO SUIT THE NEW GRILLE.
- PROVIDE A NEW EXHAUST GRILLE AS SPECIFIED ON TO THE NEW CEILING; MODIFY DUCTWORK TO SUIT THE NEW CEILING AND GRILLE.
- PROVIDE A NEW 12mm DOOR UNDERCUT.



5 EXISTING HVAC PLAN  
M5 SCALE: 1:50



6 NEW HVAC PLAN  
M5 SCALE: 1:50

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t. 416-395-4588 / f. 416-395-9734

LOCATION

William G. Miller  
Public School  
60 Bennett Road  
Toronto, Ontario. M1E 3Y3

PROJECT

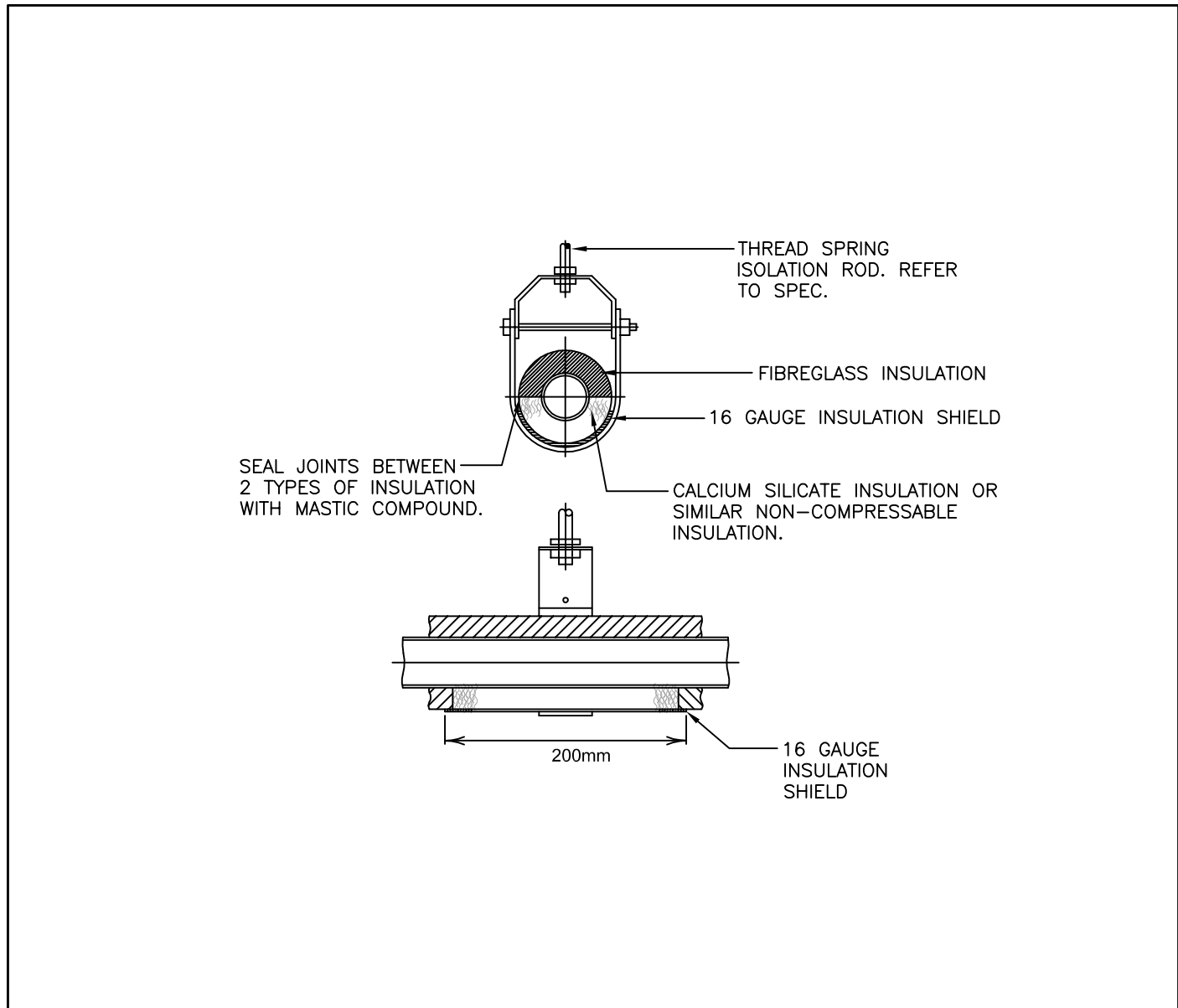
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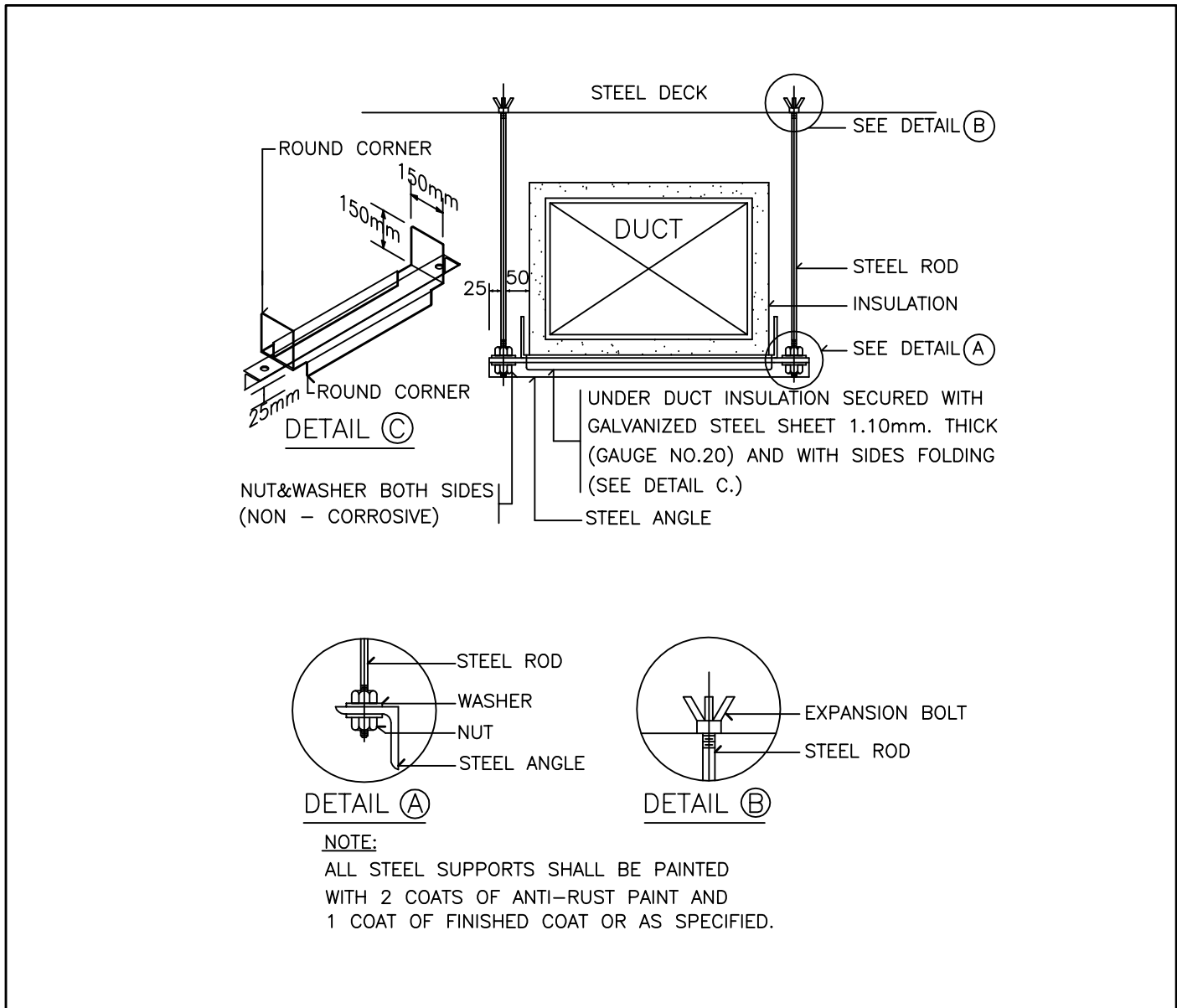
WASHROOM – MECHANICAL PART PLANS

TDSB PROJECT No:	TR-25-XXXX	DRAWING No
DATE:	FEBRUARY 2026	M5
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	

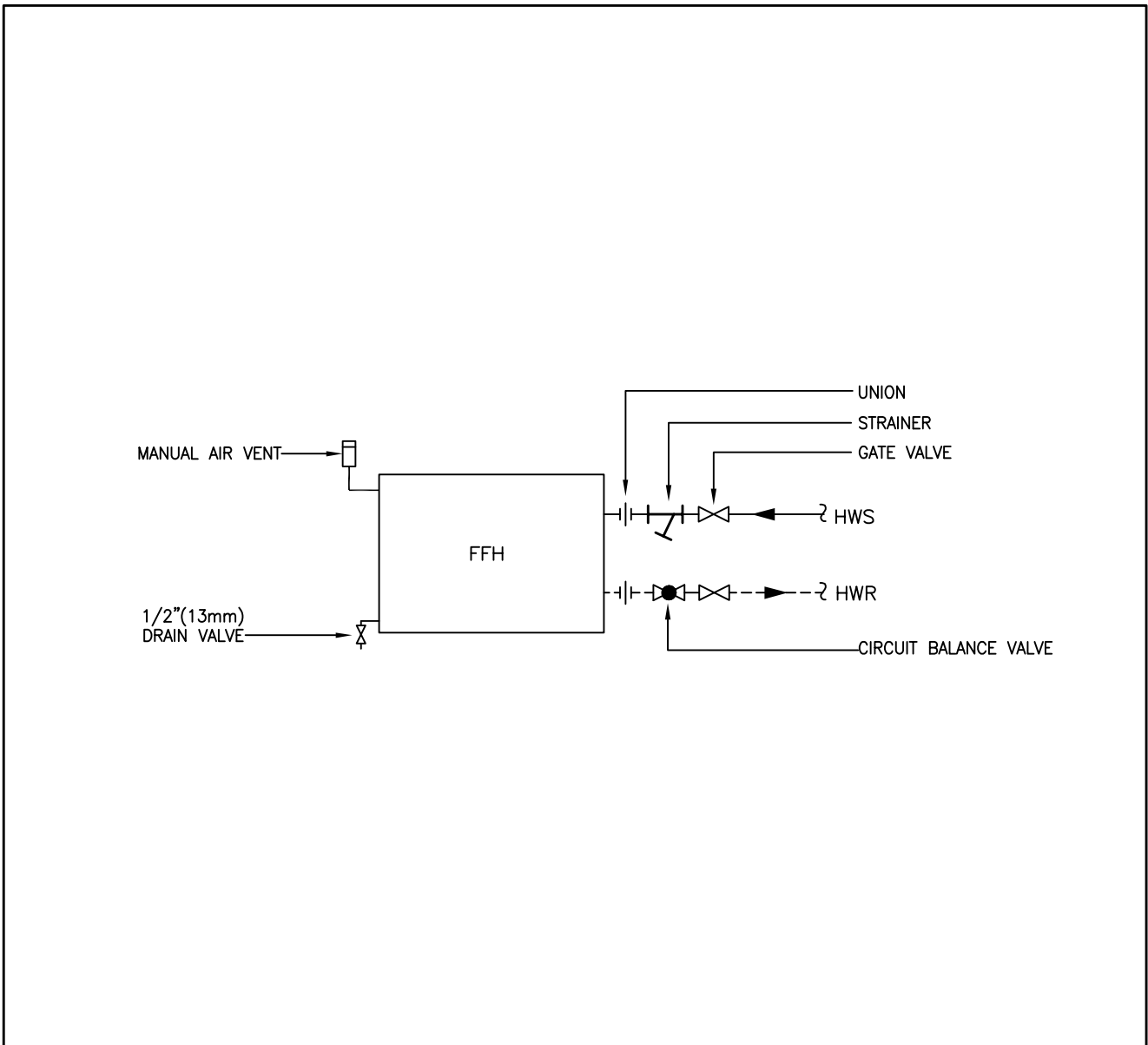




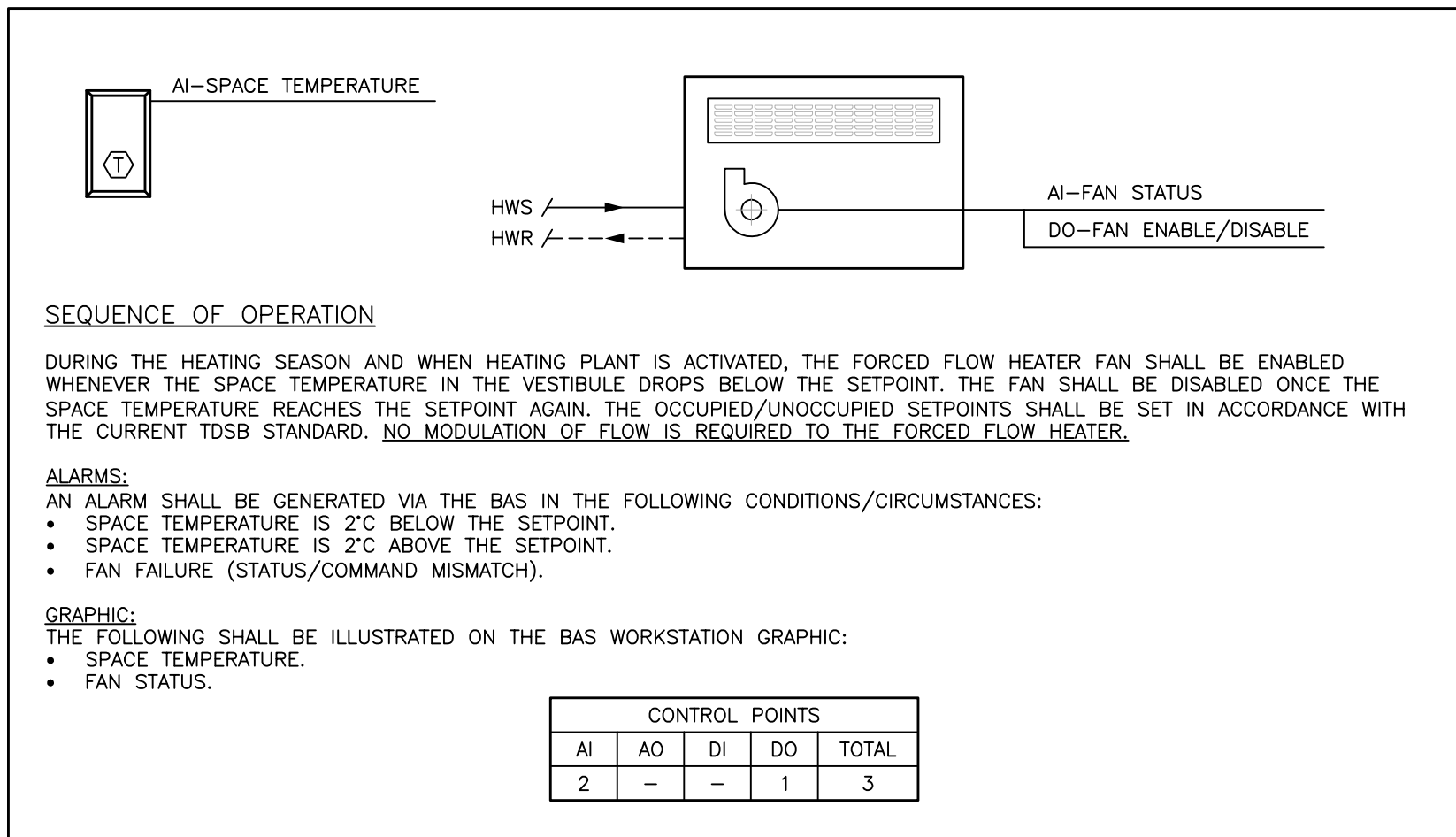
1 PIPING SUPPORT HANGER INSTALLATION DETAIL  
M6 SCALE: N.T.S.



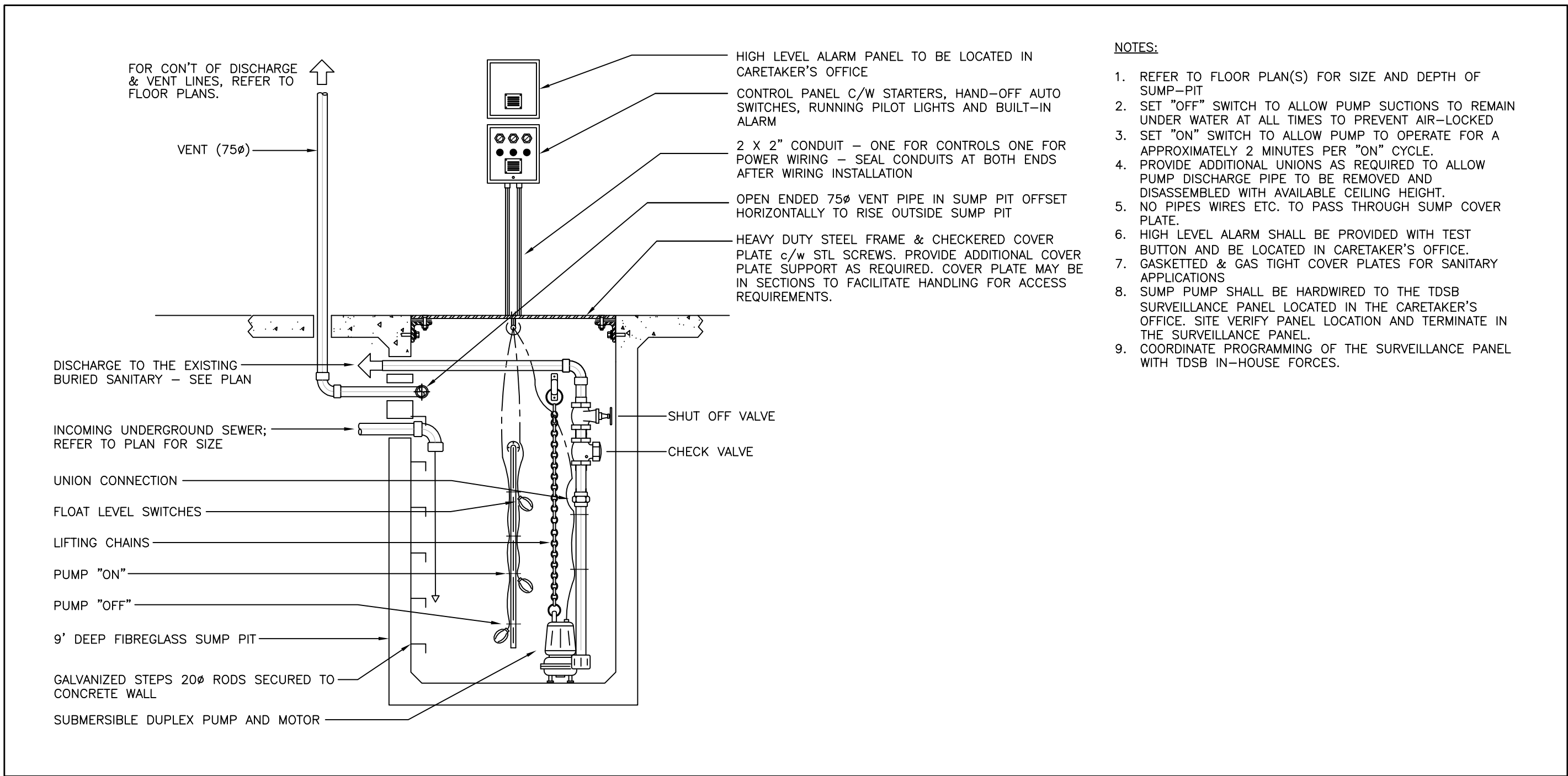
2 DUCTWORK INSTALLATION DETAIL  
M6 SCALE: N.T.S.



3 FORCED FLOW HEATER PIPING DETAIL  
M6 SCALE: N.T.S.



4 FORCED FLOW HEATER CONTROL SCHEMATIC  
M6 SCALE: N.T.S.



5 SUMP PUMP INSTALLATION DETAIL  
M6 SCALE: N.T.S.

FORCED FLOW HEATER SCHEDULE													
EQUIPMENT DESIGNATION	MANUFACTURER	MODEL	UNIT CONFIG.	UNIT SIZE (mm)	UNIT WEIGHT (KG)	HEATING CAPACITY (KW)	HEATING FLOW (L/S)	WPD (kPa)	AIRFLOW (L/S)	MOUNTING	MOTOR HP MOTOR RPM	CONTROLLED BY	VOLTAGE MOCP (A)
FFH-1	ENGINEERED AIR OR EQUAL	CUH-1	24	660x711x241	37	3.96	0.09	7.0	87	CEILING; RECESSED	1/25 1050 RPM	BAS	120V/1ø/60 15A
FFH-2	ENGINEERED AIR OR EQUAL	CUH-2	24	660x711x241	34	4.86	0.11	9.4	115	CEILING; RECESSED	1/25 1050 RPM	BAS	120V/1ø/60 15A
NOTES: 1. FOR RECESSED APPLICATIONS, COORDINATE ROUGH-IN OF PIPING AND HEATER FRAME WITH THE MASONRY CONTRACTOR OR CEILING INSTALLER (AS APPLICABLE). 2. HEATERS SHALL BE CONTROLLED BY A WALL-MOUNTED SPACE TEMPERATURE SENSOR (BY CONTROLS CONTRACTOR). BAS WILL ENABLE/DISABLE FAN AS REQUIRED. NO MODULATION OF WATER FLOW REQUIRED. 3. COLOR/FINISH: CUSTOM RAL COLOUR (FINAL COLOUR SELECTION WILL BE AT THE SHOP DRAWING STAGE BY THE ARCHITECT; COORDINATE WITH THE ARCHITECT).													

DIFFUSER, GRILLES AND LOUVER SCHEDULE									
DESIGNATION	MANUFACTURER	MODEL NO.	TYPE	SIZE	NECK SIZE	COLOUR/FINISH	FIRE RATED	VOLUME CONTROL	NOTES
'E1'	E.H. PRICE	80-B12-FR	EXHAUST AIR GRILLE	SEE DRAWING	-	WHITE	YES	-	SEE NOTES 1, 2 BELOW; SUITABLE FOR INSTALLATION IS A FIRE-RATED T-BAR CONSTRUCTION; EGGRATE GRILLE
<b>NOTES:</b> 1. SUBMIT SHOP DRAWINGS FOR ALL DIFFUSERS, GRILLES AND LOUVERS PRIOR TO ORDERING. 2. PROVIDE A PHYSICAL COLOUR CHIP TO THE ARCHITECT DURING SHOP DRAWING SUBMISSION FOR APPROVAL PRIOR TO ORDERING.									

CONSULTANTS LOGO

SURI & ASSOCIATES LTD.  
ENGINEERING CONSULTANTS

1022 WHITE CLOVER WAY  
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ELECTRICAL  
MECHANICAL  
LIGHTING  
COMMUNICATION  
SECURITY

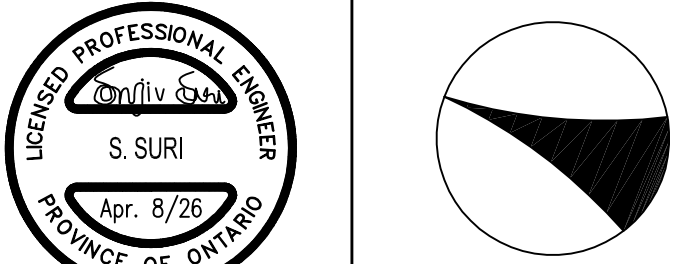
CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT PRIOR TO COMMENCING CONSTRUCTION. ALL DRAWINGS AND SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF "TDSB" AND MUST BE RETURNED UPON REQUEST. USE THE LATEST REVISED DRAWINGS ONLY. REPRODUCTIONS OF DRAWINGS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT TDSB'S WRITTEN PERMISSION. DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS DO NOT SCALE DRAWINGS.

2 APR. 8/26 ISSUED FOR PERMIT/TENDER

1 MAR. 20/26 ISSUED FOR COORDINATION

No. DATE DESCRIPTION

STAMP NORTH



Facility Services Department  
Design & Construction Division  
15 Oakburn Cres. Toronto, Ontario M2N 2T5  
t. 416-395-4588 / f. 416-395-9734

LOCATION

William G. Miller  
Public School  
60 Bennett Road  
Toronto, Ontario. M1E 3Y3

PROJECT

ACCESSIBILITY UPGRADES

DRAWING TITLE

SCHEDULES & SCHEMATICS

TDSB PROJECT No: TR-25-XXXX DRAWING No

DATE: FEBRUARY 2026

SCALE: AS NOTED

DRAWING BY: RS

APPROVED BY: SS

M6



LIGHTING LEGEND	
	STANDARD TYPE 'A1' LIGHT FIXTURE AS SCHEDULED
	TYPE 'A1' LIGHT FIXTURE AS SCHEDULED, CONNECTED TO THE EMERGENCY POWER SOURCE (INVERTER OR GENERATOR)
	WALL-MOUNTED TYPE 'B1' LIGHT FIXTURE AS SCHEDULED
\$	LOW-VOLTAGE, TOGGLE LIGHT SWITCH, AS SPECIFIED.
\$D	LOW-VOLTAGE, TOGGLE & DIMMER LIGHT SWITCH, AS SPECIFIED.
\$K	LOW-VOLTAGE, KEY-SWITCH TYPE LIGHT SWITCH, AS SPECIFIED.
\$MS	LOW-VOLTAGE, KEY-SWITCH TYPE, MASTER LIGHT SWITCH, AS SPECIFIED. CONTROLS ALL CORRIDOR, WASHROOM AND VESTIBULE LIGHTING
\$OS	LOW-VOLTAGE LIGHT SWITCH COMPLETE WITH INTEGRAL OCCUPANCY SENSOR, AS SPECIFIED.
	CORNER/WALL-MOUNTED, LOW-VOLTAGE OCCUPANCY SENSOR, AS SCHEDULED
	CEILING-MOUNTED, LOW-VOLTAGE OCCUPANCY SENSOR, AS SCHEDULED
	EXTERIOR-GRADE, WALL-MOUNTED LIGHT FIXTURE
	EXTERIOR-GRADE, LIGHT STANDARD COMPLETE WITH CONCRETE BASE
	EMERGENCY LIGHTING BATTERY UNIT C/W NO REMOTE HEADS
	EMERGENCY LIGHTING BATTERY UNIT C/W DUAL-HEAD REMOTE HEADS
	EMERGENCY LIGHTING DUAL-HEAD REMOTE HEAD
	EMERGENCY LIGHTING, WALL-MOUNTED EXIT SIGN
	EMERGENCY LIGHTING, CEILING-MOUNTED EXIT SIGN

POWER DEVICES & EQUIPMENT LEGEND	
	SINGLE RECEPTACLE MOUNTED AT STANDARD HEIGHT; USE AND RATING FOR THE PURPOSE INTENDED
	SINGLE RECEPTACLE MOUNTED AT HIGH LEVEL; USE AND RATING FOR THE PURPOSE INTENDED
	15A, 120V DUPLEX RECEPTACLE MOUNTED AT STANDARD HEIGHT. 'T' DENOTES 20A, T-SLOT TYPE RECEPTACLE
	15A, 120V DUPLEX RECEPTACLE MOUNTED AT HIGH LEVEL. 'T' DENOTES 20A, T-SLOT TYPE RECEPTACLE
	15A, 120V, GFI DUPLEX RECEPTACLE MOUNTED AT HIGH LEVEL. 'T' DENOTES 20A, T-SLOT TYPE RECEPTACLE
	DIRECT POWER CONNECTION
	UNFUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MAGNETIC STARTER WITH H/O/A SWITCH
	DIRECT POWER CONNECTION COMPLETE UNFUSED DISCONNECT SWITCH
	BLANK COVERPLATE COMPLETE WITH WIRING, CONDUIT, AND BACKBOX
	ROUND JUNCTION BOX COMPLETE WITH COVERPLATE
	SQUARE JUNCTION BOX COMPLETE WITH COVERPLATE
	RECESSED ELECTRICAL PANEL, AS SCHEDULED
	SURFACE-MOUNTED ELECTRICAL PANEL, AS SCHEDULED
CC-1	DEVICE/EQUIPMENT CONNECTED TO CIRCUIT #1 IN PANEL 'CC'

COMMUNICATIONS (VOICE/DATA) LEGEND	
	DATA OUTLET MOUNTED AT STANDARD HEIGHT COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE HUB RACK
	TELEPHONE OUTLET MOUNTED AT STANDARD HEIGHT COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE TELEPHONE SWITCH
	DATA OUTLET MOUNTED AT HIGH LEVEL COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE HUB RACK
	TELEPHONE OUTLET MOUNTED AT HIGH LEVEL COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE TELEPHONE SWITCH
	WIRELESS ACCESS POINT COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE HUB RACK

SYSTEMS DEVICE & EQUIPMENT LEGEND	
	MODULAR CONTROL PANEL, SUPPLIED AND INSTALLED BY DIVISION 26
	DOOR OPERATOR ACTUATOR BUTTON
	KEY SWITCH, TIED TO THE DOOR OPERATOR SYSTEM
	HAND DRYER, SUPPLIED AND INSTALLED BY DIVISION 26
	PUSH-TO-LOCK BUTTON TIED TO THE WASHROOM DOOR OPERATOR SYSTEM
	'OCCUPIED-WHEN-LIT' LED ANNUNCIATOR TIED TO THE WASHROOM DOOR OPERATOR SYSTEM
	VISUAL INDICATOR TIED TO THE CALL-FOR-ASSISTANCE SYSTEM
	EMERGENCY PUSH-BUTTON TIED TO THE CALL-FOR-ASSISTANCE SYSTEM
	AUDIBLE/VISUAL INDICATOR TIED TO THE CALL-FOR-ASSISTANCE SYSTEM

FIRE ALARM SYSTEM LEGEND	
	RATE-OF-RISE HEAT DETECTOR
	FIXED TEMPERATURE HEAT DETECTOR
	SMOKE DETECTOR
	PULL STATION C/W TAMPERPROOF, POLYCARBONATE COVER
	FIRE ALARM HORN
	FIRE ALARM HORN/STROBE
	DUCT SMOKE DETECTOR
	REMOTE TROUBLE INDICATOR
	SPRINKLER/STANDPIPE FLOW SWITCH
	SPRINKLER/STANDPIPE SUPERVISED VALVE
	FIRE ALARM ANNUNCIATOR
	FIRE ALARM CONTROL PANEL

ACCESS CONTROL SYSTEM LEGEND	
	CARD READER
	ELECTRIC STRIKE
	AIPHONE MASTER STATION
	AIPHONE SUB-MASTER STATION
	AIPHONE DOOR STATION
	LOCAL DOOR CONTACT SUPPLIED AND INSTALLED BY DIVISION 16; TIED TO THE LOCAL DOOR ALARM SYSTEM
	AUDIBLE/VISUAL ANNUNCIATOR TIED TO THE LOCAL DOOR ALARM SYSTEM

SECURITY SYSTEM LEGEND	
	MOTION DETECTOR
	MAGNETIC DOOR CONTACT
	KEYPAD
	ELECTRIC STRIKE

CLOCK SYSTEM LEGEND	
	ANALOG CLOCK, 120V PLUG-IN TYPE COMPLETE WITH SINGLE RECEPTACLE – WALL-MOUNTED
	ANALOG CLOCK; 120V PLUG-IN TYPE COMPLETE WITH SINGLE RECEPTACLE – WALL-MOUNTED
	ANALOG CLOCK TIED TO THE MASTER CLOCK SYSTEM – WALL-MOUNTED
	DUAL-FACE ANALOG CLOCK TIED TO THE MASTER CLOCK SYSTEM – WALL-MOUNTED
	ANALOG CLOCK, BATTERY OPERATED – WALL-MOUNTED
	DUAL-FACE ANALOG CLOCK, BATTERY OPERATED – WALL-MOUNTED
	MASTER CLOCK SYSTEM CONTROLLER

AUDIO/VISUAL SYSTEM LEGEND	
	EMPTY BACKBOX COMPLETE WITH BLANK COVERPLATE AND 25mmC UP TO THE ACCESSIBLE CEILING SPACE PROVISION FOR FUTURE AV CABLING

PUBLIC ADDRESS (P.A.) SYSTEM LEGEND	
	P.A. SPEAKER – FLUSH CEILING-MOUNTED
	P.A. SPEAKER – WALL-MOUNTED
	P.A. SPEAKER, DUAL-FACE TYPE – WALL-MOUNTED
	P.A. EXTERIOR HORN – WALL-MOUNTED
	WEATHERPROOF PROGRAM BELL C/W ENCLOSURE
	P.A. HANDSET – WALL-MOUNTED
	P.A. HANDSET – DESK-MOUNTED
\$PC	P.A. PRIVACY CALL SWITCH
\$HS	P.A. HANDSET C/W INTEGRAL PRIVACY CALL SWITCH
	P.A. ADMINISTRATIVE HANDSET
	P.A. NIGHT RINGER
	P.A. LOCKDOWN 'AMBER' STROBE
	P.A. INCOMING CALL 'BLUE' STROBE
	P.A. WALL-MOUNTED VOLUME CONTROL SWITCH
	P.A. RED LOCKDOWN BUTTON C/W POLYCARBONATE LIFT-ABLE COVER
	P.A. SPEAKER C/W INTEGRATED CALL SWITCH
	P.A. COMBINATION SPEAKER AND CLOCK UNIT – WALL-MOUNTED
	P.A. HEAD-END EQUIPMENT RACK
	P.A. SATELLITE EQUIPMENT RACK

ACRONYM	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
CTE	CONNECT TO EXISTING
ER	DENOTES EXISTING DEVICE OR EQUIPMENT TO BE RELOCATED
EX	DENOTE EXISTING DEVICE OR EQUIPMENT TO REMAIN
GFI	DENOTE DEVICE OR EQUIPMENT WITH GFI PROTECTION
HL	DENOTES DEVICE OR EQUIPMENT AT HIGH LEVEL
LV	LOW VOLTAGE
N	DENOTES NEW DEVICE OR EQUIPMENT
NL	DENOTES NIGHT LIGHT FIXTURE
R	DENOTES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED
RE	DENOTES RELOCATED POSITION OF AN EXISTING DEVICE OR EQUIPMENT
RP	DENOTES EXISTING DEVICE OR EQUIPMENT TO BE REPLACED
RT	DENOTES ROOFTOP DEVICE OR EQUIPMENT
T	T-SLOT, 20A, DEVICE
TP	DENOTES TAMPERPROOF DEVICE OR EQUIPMENT
WG	DENOTES DEVICE OR EQUIPMENT WITH A WIREGUARD
WP	DENOTES WEATHERPROOF TYPE DEVICE OR EQUIPMENT

GENERAL NOTES	
<p>1. IT IS MANDATORY FOR THE ELECTRICAL CONTRACTOR TO VISIT THE SITE PRIOR TO BIDDING AND REVIEW EXISTING CONDITIONS AND DEMOLITION SCOPE OF WORK TO SUIT EXISTING ARCHITECTURAL, STRUCTURAL AND MECHANICAL SITE CONDITIONS, DRAWINGS, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS. NO EXTRA WILL SUBSEQUENTLY BE ALLOWED TO COVER ANY SUCH ERROR, OMISSION AND/OR OVERSIGHT FOR NOT HAVING MADE A THOROUGH INSPECTION OF THE GROUNDS, EXISTING CONDITIONS, DRAWINGS, SPECIFICATION AND DESIGN INTENT. THE ELECTRICAL CONTRACTOR SHALL NOTE THAT THE EXISTING BUILDING WILL REMAIN IN OPERATION THROUGHOUT DEMOLITION/CONSTRUCTION. ALLOW FOR ANY WORK REQUIRED TO BE DONE WHICH MAY AFFECT POWER SUPPLY AND OPERATION OF THE BUILDING TO BE CARRIED OUT AFTER HOURS OR AT A TIME CONVENIENT TO THE BUILDING MANAGEMENT. PROVIDE TEMPORARY SERVICES AS REQUIRED TO ENSURE CONTINUED OPERATION AT ALL TIMES.</p> <p>2. CAREFULLY EXAMINE OTHER EXISTING UTILITY LINES SUCH AS GAS, WATER ETC. PRIOR TO START THE ELECTRICAL CONSTRUCTION WORKS AND COORDINATE WITH OTHER TRADES AND REPORT OF ANY DISCREPANCY PRIOR TO PROCEEDING.</p> <p>3. THESE DRAWINGS SHALL BE READ &amp; PRICED IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, AND STRUCTURAL DRAWINGS AND SPECIFICATIONS AS WELL AS ALL OTHER DOCUMENTS FORMING THIS BID. INCLUDE FOR THE SUPPLY AND INSTALLATION OF POWER, SYSTEMS, AND LIGHTING AS PER THE COMPLETE CONSTRUCTION DOCUMENTS. NO EXTRA COST WILL BE ACCEPTED IN FAILURE TO OBTAINING AND/OR REVIEW OF SUCH DOCUMENTS. REFER TO ARCHITECTURAL, ELECTRICAL, STRUCTURAL AND MECHANICAL LAYOUTS IN CONJUNCTION FOR EXACT LOCATION OF ALL EQUIPMENT. REPORT ANY DISCREPANCIES TO THE ELECTRICAL ENGINEER PRIOR TO COMMENCING WORK. NO EXTRA WILL BE PROVIDED AS A RESULT OF A FAILURE TO DO SO.</p> <p>4. IT IS MANDATORY THAT ELECTRICAL WORK CONFORM TO ALL APPLICABLE CODES (INCLUDING THE ONTARIO BUILDING, FIRE, AND ONTARIO ELECTRICAL SAFETY CODE), BASE BUILDING (BOARD) STANDARDS, AND THE STANDARDS SET BY ANY AND ALL LOCAL AUTHORITIES HAVING JURISDICTION.</p> <p>5. LOCATIONS OF ALL NEW DISCONNECT SWITCHES AND STARTERS SHALL BE CONFIRMED WITH DIVISION 15 PRIOR TO INSTALLATION. STARTERS FOR EXHAUST FANS SHALL BE SUPPLIED AND INSTALLED BY DIV. 16.</p> <p>6. ALL ELECTRICAL WORK SHALL BE INSPECTED BY THE ELECTRICAL SAFETY AUTHORITY (ESA). ARRANGE AND PAY FOR ALL INSPECTIONS REQUIRED FOR THE DURATION OF THE PROJECT.</p> <p>7. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR HIRING A FIRE WATCH AS REQUIRED BY CODE. LOCAL AUTHORITIES HAVING JURISDICTION, AND DURING ANY ALTERATION OR DOWNTIME OF THE FIRE ALARM SYSTEM. FIRE WATCH SHALL BE PRESENT THROUGHOUT THE DOWNTIME DURATION.</p> <p>8. DURING CONSTRUCTION, IT IS CRITICAL THAT THE ELECTRICAL CONTRACTOR COORDINATES ITS WORK WITH ALL OTHER TRADES. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE SCOPE OF WORK OF OTHER TRADES (INCLUDING, BUT NOT LIMITED TO, ARCHITECTURAL, MECHANICAL, STRUCTURAL, MILLWORK, ETC.) IN CONJUNCTION WITH THE PROPOSED ELECTRICAL SCOPE OF WORK. THE ELECTRICAL CONTRACTOR SHALL ESPECIALLY REVIEW MECHANICAL CONVECTOR AND NEW MILLWORK LOCATIONS AND IDENTIFY ANY POSSIBLE INTERFERENCES WITH THE PROPOSED ELECTRICAL WORK PRIOR TO ROUGH-IN (I.E. RECEPTACLE LOCATIONS SHALL BE SHIFTED FROM THE PROPOSED LOCATION TO ANOTHER LOCATION SHOULD THE CONTRACTOR FIND OUT DURING COORDINATION THAT MECHANICAL CONVECTORS ARE BEING INSTALLED IN A CERTAIN LOCATION. SIMILARLY, RECEPTACLE HEIGHTS SHALL BE ADJUSTED IN THE EVENT THAT NEW, PROPOSED MILLWORK MIGHT BLOCK PROPOSED RECEPTACLES. NO EXTRA WILL BE PERMITTED OF AN ERROR RELATED TO A LACK OF COORDINATION ON SITE.</p> <p>9. THE ELECTRICAL CONTRACTOR SHALL LABEL ALL NEW AND EXISTING LIGHT SWITCHES, RECEPTACLES AND JUNCTION BOXES COVERPLATES WITH THE PANEL NAME AND BREAKER IT IS FED FROM. ALL LABELING OF ELECTICAL DEVICES SHALL BE DONE SO WITH A LABELMAKER ONLY. NO HAND WRITTEN LABELS WILL BE PERMITTED.</p> <p>10. WHERE NEW PARTITIONS ARE BEING CONSTRUCTION, ALL WIRING AND RACEWAYS SHALL BE EMBEDDED IN THE CONSTRUCTION OF THE NEW WALLS AND ALL BACKBOXES SHALL BE RECESSED. WHERE NEW DEVICES/SYSTEMS ARE PROPOSED ON EXISTING BLOCK WALLS, UTILIZE WIREMOLD 500/700 SERIES AS RACEWAY FOR ALL NEW WIRING. PROVIDE WIREMOLD BACKBOXES FOR SURFACE MOUNTED, INTERIOR APPLICATIONS. THE USE OF SHEET METAL BOXES WILL NOT BE PERMITTED.</p> <p>11. IN THE EVENT OF ANY DISCREPANCY BETWEEN THE ELECTRICAL DRAWINGS AND SPECIFICATIONS, ALLOW FOR THE HIGHEST-PRICED OPTION IN THE TENDER PRICE.</p> <p>12. ALL WIRING USED ON THIS PROJECT SHALL BE RUN IN RACEWAYS. NO USE OF ARMoured (BX) CABLE WILL BE PERMITTED WITH THE EXCEPTION OF RUNS NOT TO EXCEED 5' BETWEEN A LIGHT FIXTURE AND THE RESPECTIVE JUNCTION BOX.</p>	

DRAWING LIST	
DRAWING NUMBER	DESCRIPTION
E1	ELECTRICAL LEGEND AND NOTES
E2	FIRST FLOOR KEY PLAN
E3	SECOND FLOOR KEY PLAN
E4	ELECTRICAL PART PLANS
E5	ELECTRICAL PART PLANS
E6	ELECTRICAL PART PLANS
E7	SCHEDULES & SCHEMATICS

ABATEMENT WORK
REFER TO THE DESIGNATED SUBSTANCES AND HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT BY THE ENVIRONMENTAL CONSULTANT AND INCLUDED IN THE TENDER DOCUMENTS.
ALL ABATEMENT WORK NECESSARY FOR THE SCOPE OF THIS PROJECT SHALL BE INCLUDED IN THE BASE TENDER PRICE. REFER TO THE DSS FOR DESIGNATED SUBSTANCES AND HAZARDOUS BUILDING MATERIALS IN THE BUILDING AND/OR AREA OF WORK.
THE CONTRACTOR SHALL UTILIZE ONLY TDSB-APPROVED ENVIRONMENTAL CONTRACTORS FOR ANY ABATEMENT WORK.
COORDINATE ALL WORK AND DAILY INSPECTIONS (AS NECESSARY) WITH THE ENVIRONMENTAL CONSULTANT.
ALL REINSTATEMENT OF ABATED MATERIALS (CEILING TILES, INSULATION, FLOOR TILES, BUILDING FINISHES, ETC.) SHALL BE INCLUDED IN THE BASE TENDER PRICE.

S1001 INTEGRATED TESTING
THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR RETAINING A ULC-LISTED INTEGRATED TESTING PROVIDER TO COMPLETE CAN/ULC-S1001 INTEGRATED TESTING FOR ALL FIRE ALARM WORK COMPLETED AS PART OF THIS PROJECT. THE INTEGRATED TESTING COORDINATOR RESPONSIBLE FOR COMPLETING THE INTEGRATED TESTING FOR THIS PROJECT IS REQUIRED TO BE A LICENSED PROFESSIONAL ENGINEER IN THE PROVINCE OF ONTARIO. REFER TO SPECIFICATIONS.
THE COSTS OF THE INTEGRATED TESTING PROVIDER IS TO BE INCLUDED IN THE BASE TENDER PRICE FOR THE PROJECT.
PROVIDE A COPY OF THE INTEGRATED TESTING PLAN FOR THE ELECTRICAL CONSULTANT'S REVIEW AND APPROVAL PRIOR TO COMPLETING THE INTEGRATED TESTING.
PROVIDE A FINAL INTEGRATED TESTING REPORT AND CERTIFICATE AT THE COMPLETION OF THE PROJECT.

CONSULTANTS LOGO

SURI & ASSOCIATES LTD. ENGINEERING CONSULTANTS		
1022 WHITE CLOVER WAY MISSISSAUGA, ONTARIO L5V 1C8 T (905)–290–7861 F (289)–327–3420		ELECTRICAL MECHANICAL LIGHTING COMMUNICATION SECURITY

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT PRIOR TO COMMENCING CONSTRUCTION. ALL DRAWINGS AND SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF "TDSB" AND MUST BE RETURNED UPON REQUEST. USE THE LATEST REVISED DRAWINGS ONLY. REPRODUCTIONS OF DRAWINGS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT TDSB'S WRITTEN PERMISSION. DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS DO NOT SCALE DRAWINGS.

2	APR. 8/26	ISSUED FOR PERMIT/TENDER
1	MAR. 20/26	ISSUED FOR COORDINATION
No.	DATE	DESCRIPTION

STAMP	NORTH

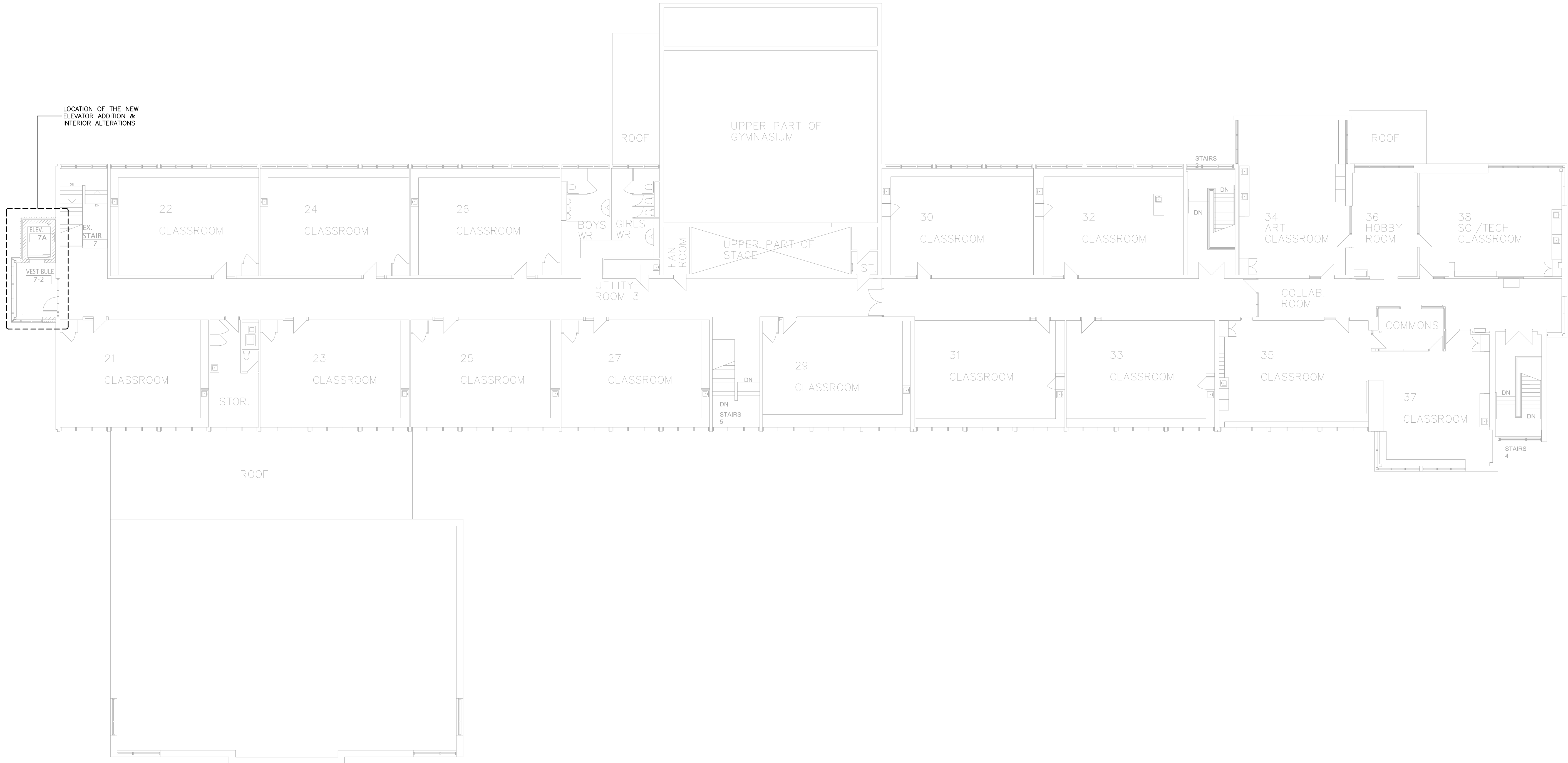
	Toronto District School Board
Facility Services Department Design & Construction Division 15 Oakburn Cres. Toronto, Ontario M2N 2T5 t. 416-395-4588 / f. 416-395-9734	

LOCATION	
William G. Miller Public School 60 Bennett Road Toronto, Ontario. M1E 3Y3	
PROJECT	
ACCESSIBILITY UPGRADES	
DRAWING TITLE	
ELECTRICAL LEGEND AND NOTES	
TDSB PROJECT No:	DRAWING No
DATE:	E1
SCALE:	
DRAWING BY:	
APPROVED BY:	









1 SECOND FLOOR KEY PLAN  
E3 SCALE: 1:150

CONSULTANTS LOGO

SURI & ASSOCIATES LTD.  
ENGINEERING CONSULTANTS

1022 WHITE CLOVER WAY  
MISSISSAUGA, ONTARIO L5V 1C8  
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ELECTRICAL  
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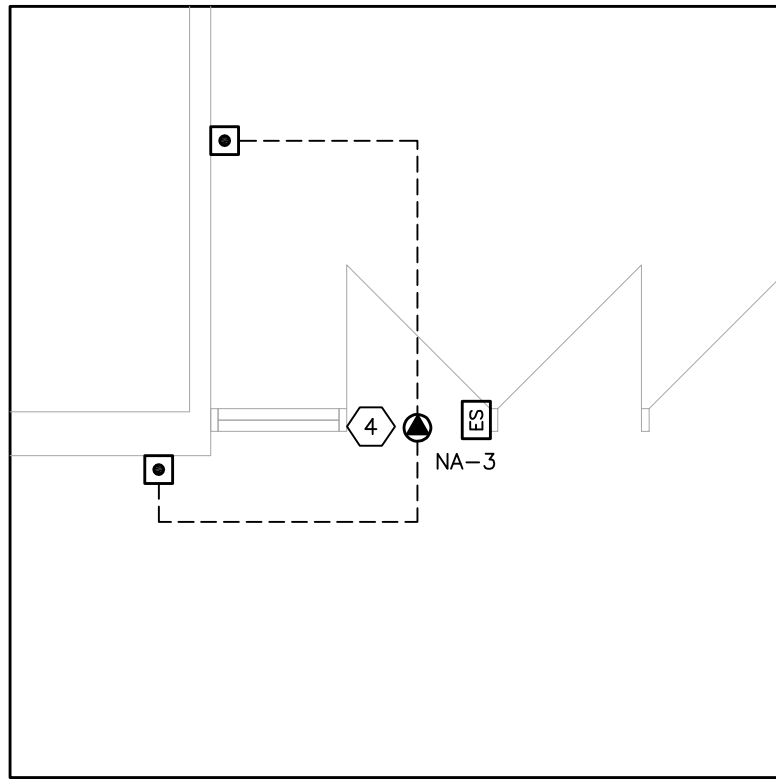
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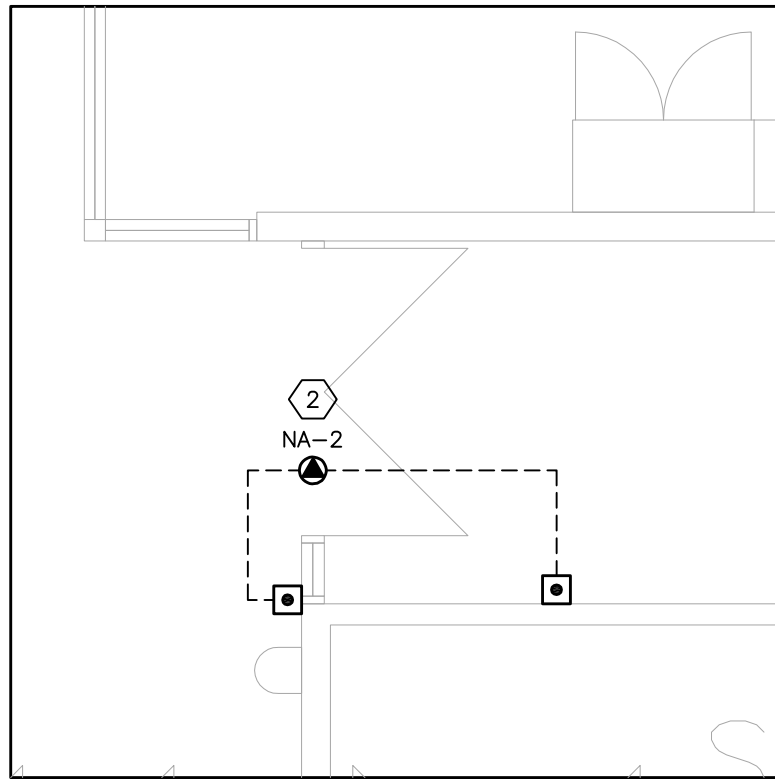
Facility Services Department  
Design & Construction Division  
15 Oakburn Cres. Toronto, Ontario M2N 2T5  
t. 416-395-4588 / f. 416-395-9734

LOCATION		
William G. Miller Public School 60 Bennett Road Toronto, Ontario, M1E 3Y3		
PROJECT		
ACCESSIBILITY UPGRADES		
DRAWING TITLE		
SECOND FLOOR KEY PLAN		
TDSB PROJECT No:	TR–25–XXXX	DRAWING No
DATE:	FEBRUARY 2026	E3
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	

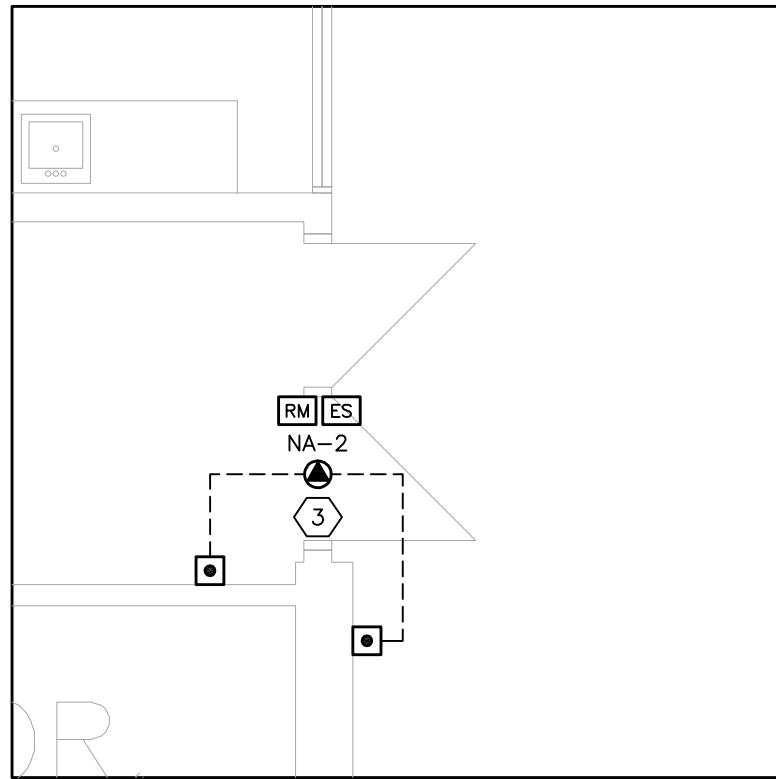




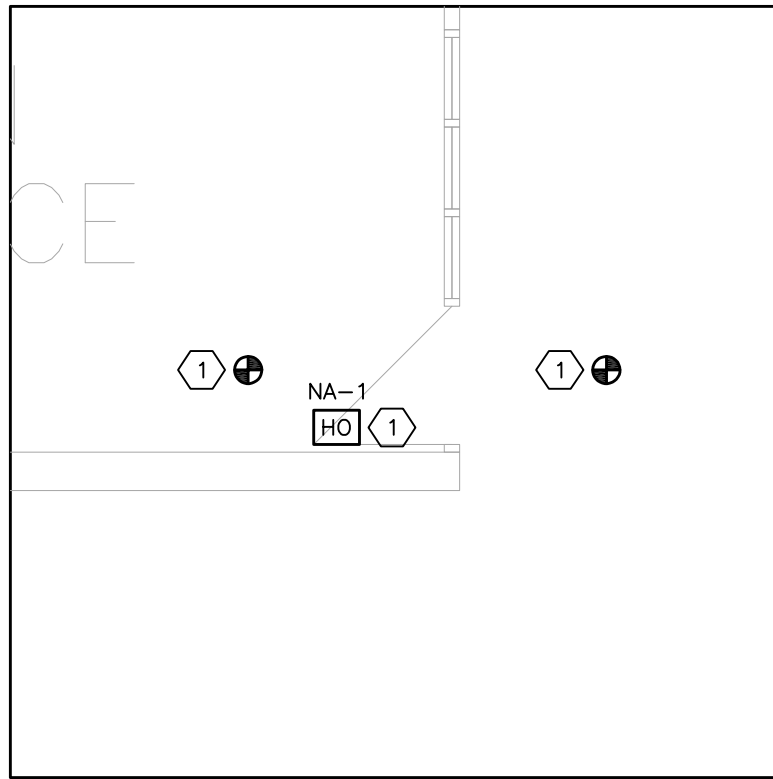
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E4 ELECTRICAL PART PLAN  
SCALE: 1:50



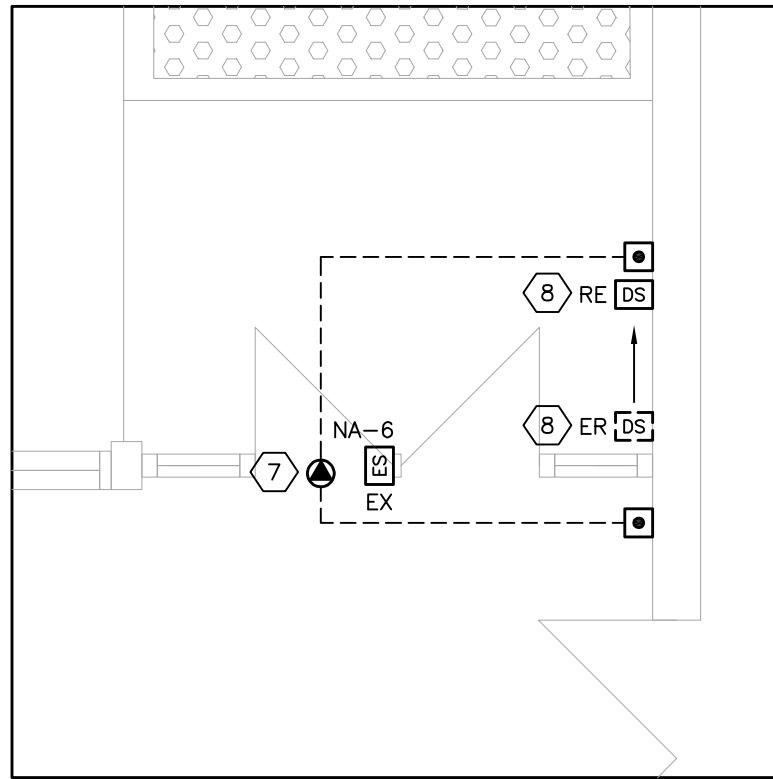
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SCALE: 1:50



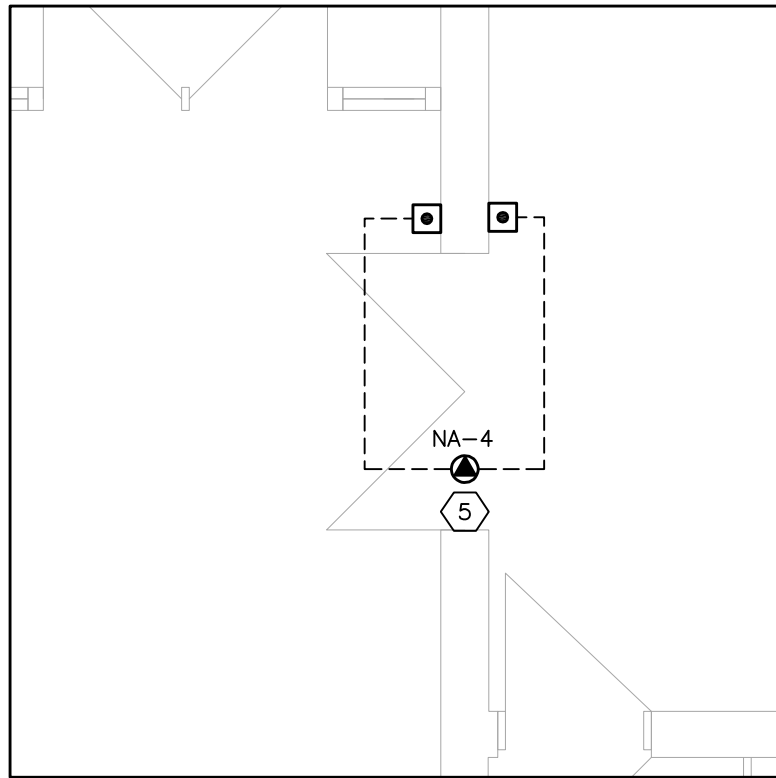
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E4 ELECTRICAL PART PLAN  
SCALE: 1:50



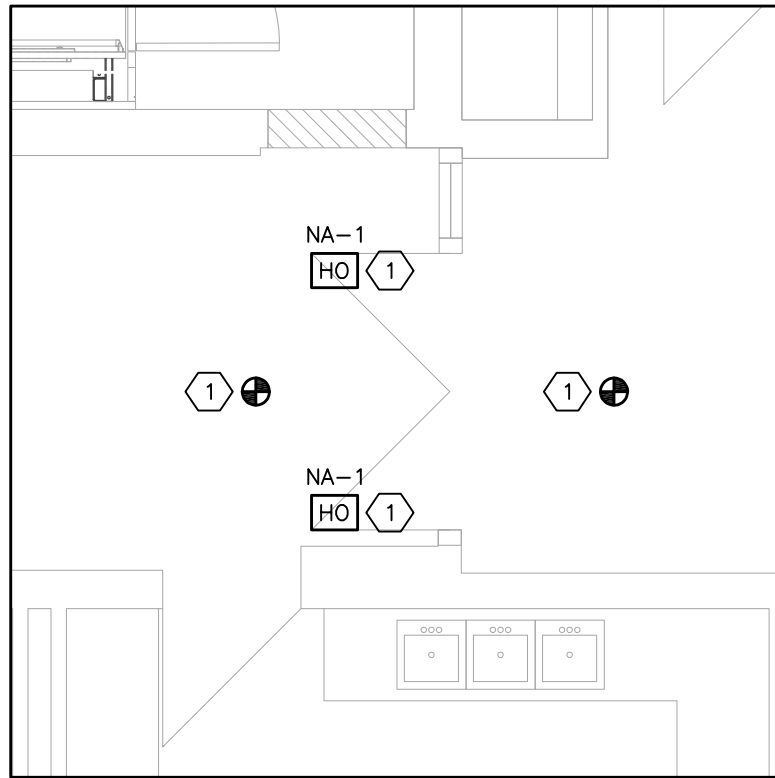
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E4 ELECTRICAL PART PLAN  
SCALE: 1:50



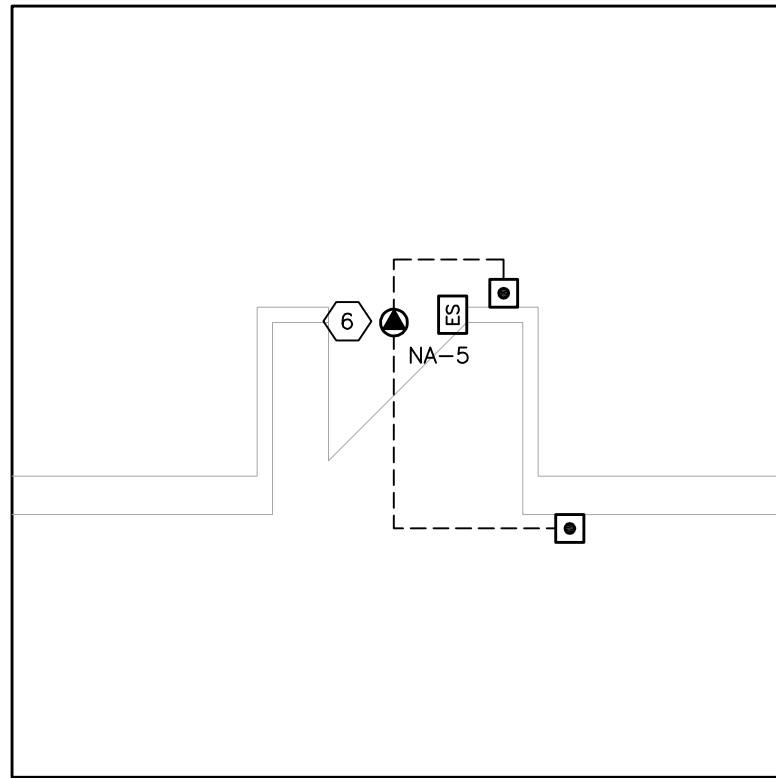
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E4 ELECTRICAL PART PLAN  
SCALE: 1:50



6  
E4 ELECTRICAL PART PLAN  
SCALE: 1:50



7  
E4 ELECTRICAL PART PLAN  
SCALE: 1:50



8  
E4 ELECTRICAL PART PLAN  
SCALE: 1:50

- DRAWING NOTES:**
- 1 PROVIDE 120V POWER CONNECTION TO THE NEW HOLD OPEN DEVICE POWER SUPPLY. CONNECT TO THE CIRCUIT NOTED. TIE THE CLOSER(S) TO THE FIRE ALARM SYSTEM TO CLOSE UPON A LOCAL OR GENERAL ALARM ON THE FIRE ALARM SYSTEM. PROVIDE SMOKE DETECTORS TIED TO THE FIRE ALARM SYSTEM ON BOTH SIDES OF THE DOOR(S); LOCATE WITHIN 1500mm OF THE DOOR OPENING; INSTALL AS PER CAN/ULC-S524. CONNECT THE SMOKE DETECTORS TO THE FIRE ALARM ZONE SERVING THE RESPECTIVE LOCATION OF INSTALLATION. VERIFY ALL DEVICES AS PER CAN/ULC-S537. PROVIDE A NEW RELAY AND WIRING/RACEWAYS TO THE FIRE ALARM CONTROL PANEL. COMPLETE S1001 INTEGRATED TESTING AFTER COMPLETION OF WORK.
  - 2 PROVIDE 120V POWER CONNECTION TO THE DOOR OPERATOR HEADER. CONNECT TO THE CIRCUIT NOTED. PROVIDE WIRING AND RACEWAYS TO THE TWO (2) ACTUATOR BUTTONS FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM. INTERLOCK THE DOOR OPERATOR WITH THE EXTERIOR VESTIBULE DOOR OPERATOR IN ORDER FOR A SEQUENTIAL TIME-DELAY OPENING OF THE SECOND DOOR; PROVIDE THE NECESSARY WIRING.
  - 3 PROVIDE 120V POWER CONNECTION TO THE DOOR OPERATOR HEADER. CONNECT TO THE CIRCUIT NOTED. PROVIDE WIRING AND RACEWAYS TO THE TWO (2) ACTUATOR BUTTONS AND ELECTRIFIED MULLION ELECTRIC STRIKE FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM. INTERLOCK THE DOOR OPERATOR WITH THE INTERIOR VESTIBULE DOOR OPERATOR IN ORDER FOR A SEQUENTIAL TIME-DELAY OPENING OF THE SECOND DOOR; PROVIDE THE NECESSARY WIRING.
  - 4 PROVIDE 120V POWER CONNECTION TO THE DOOR OPERATOR HEADER. CONNECT TO THE CIRCUIT NOTED. PROVIDE WIRING AND RACEWAYS TO THE TWO (2) ACTUATOR BUTTONS AND ELECTRIFIED MULLION ELECTRIC STRIKE FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM. THE DOOR OPERATOR SHALL BE TIED TO THE FIRE ALARM SYSTEM TO DISABLE THE DOOR OPERATOR IN THE EVENT OF AN ALARM CONDITION ON THE FIRE ALARM SYSTEM. TIE TO THE FIRE ALARM SYSTEM/FIRE ALARM CONTROL PANEL. PROVIDE A NEW RELAY AND WIRING/RACEWAYS TO THE FIRE ALARM CONTROL PANEL. COMPLETE S1001 INTEGRATED TESTING AFTER COMPLETION OF WORK.
  - 5 PROVIDE 120V POWER CONNECTION TO THE DOOR OPERATOR HEADER. CONNECT TO THE CIRCUIT NOTED. PROVIDE WIRING AND RACEWAYS TO THE TWO (2) ACTUATOR BUTTONS FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM. THE DOOR OPERATOR SHALL BE TIED TO THE FIRE ALARM SYSTEM TO DISABLE THE DOOR OPERATOR IN THE EVENT OF AN ALARM CONDITION ON THE FIRE ALARM SYSTEM. TIE TO THE FIRE ALARM SYSTEM/FIRE ALARM CONTROL PANEL. PROVIDE A NEW RELAY AND WIRING/RACEWAYS TO THE FIRE ALARM CONTROL PANEL. COMPLETE S1001 INTEGRATED TESTING AFTER COMPLETION OF WORK.
  - 6 PROVIDE 120V POWER CONNECTION TO THE DOOR OPERATOR HEADER. CONNECT TO THE CIRCUIT NOTED. PROVIDE WIRING AND RACEWAYS TO THE TWO (2) ACTUATOR BUTTONS AND ELECTRIFIED MULLION ELECTRIC STRIKE FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM. THE DOOR OPERATOR SHALL BE TIED TO THE FIRE ALARM SYSTEM TO DISABLE THE DOOR OPERATOR IN THE EVENT OF AN ALARM CONDITION ON THE FIRE ALARM SYSTEM. TIE TO THE FIRE ALARM SYSTEM/FIRE ALARM CONTROL PANEL. PROVIDE A NEW RELAY AND WIRING/RACEWAYS TO THE FIRE ALARM CONTROL PANEL. COMPLETE S1001 INTEGRATED TESTING AFTER COMPLETION OF WORK.
  - 7 PROVIDE 120V POWER CONNECTION TO THE DOOR OPERATOR HEADER. CONNECT TO THE CIRCUIT NOTED. PROVIDE WIRING AND RACEWAYS TO THE TWO (2) ACTUATOR BUTTONS AND EXISTING ELECTRIC STRIKE FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM. INTERLOCK THE DOOR OPERATOR WITH THE EXISTING AIPHONE SYSTEM AT THIS ENTRANCE.
  - 8 RELOCATE THE EXISTING AIPHONE DOOR STATION TO ADJACENT THE NEW DOOR OPERATOR ACTUATOR BUTTON.

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t. 416-395-4588 / f. 416-395-9734

LOCATION

William G. Miller  
Public School  
60 Bennett Road  
Toronto, Ontario. M1E 3Y3

PROJECT

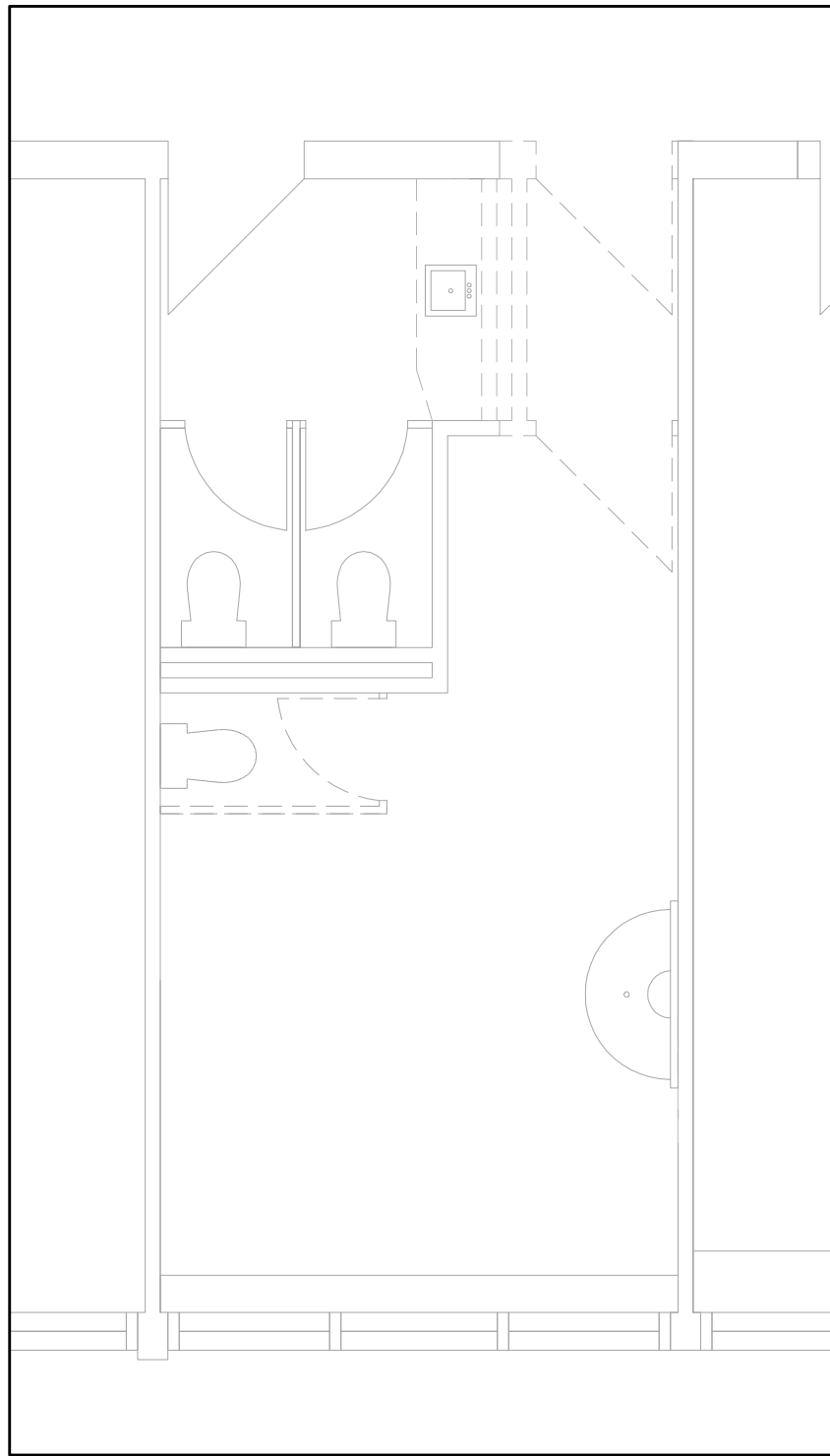
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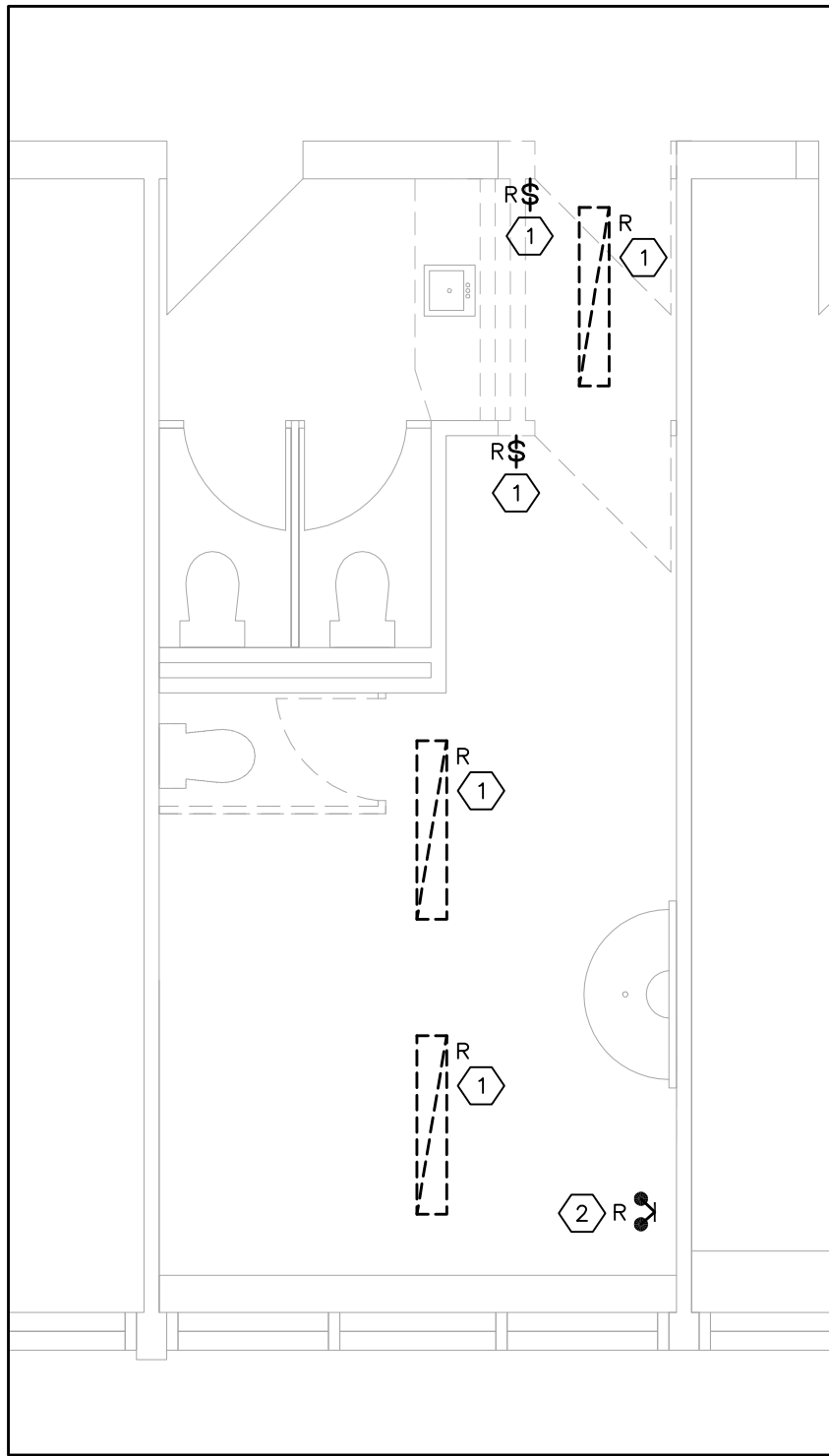
ELECTRICAL PART PLANS

TDSB PROJECT No:	TR-25-XXXX	DRAWING No
DATE:	FEBRUARY 2026	E4
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	

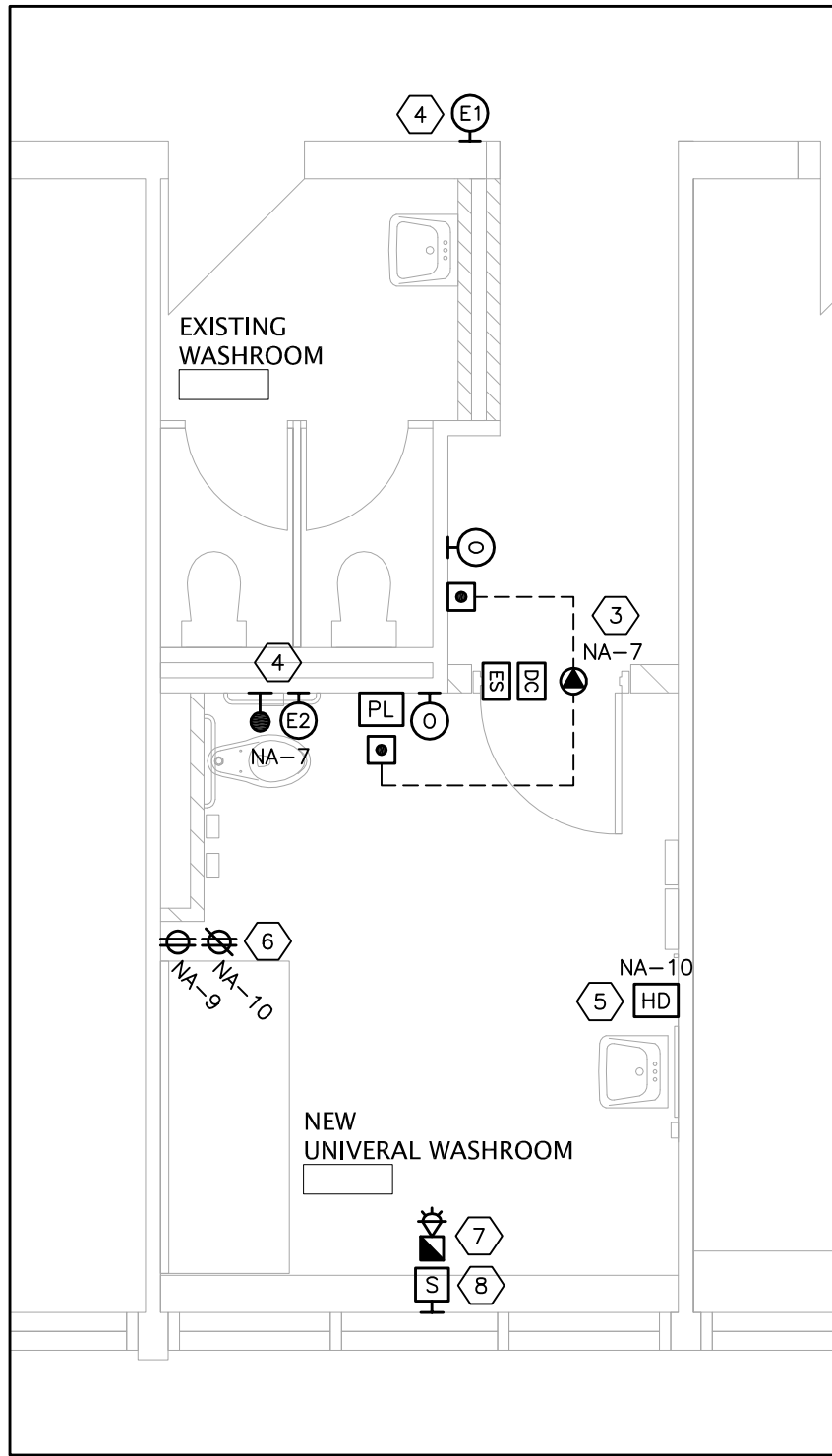




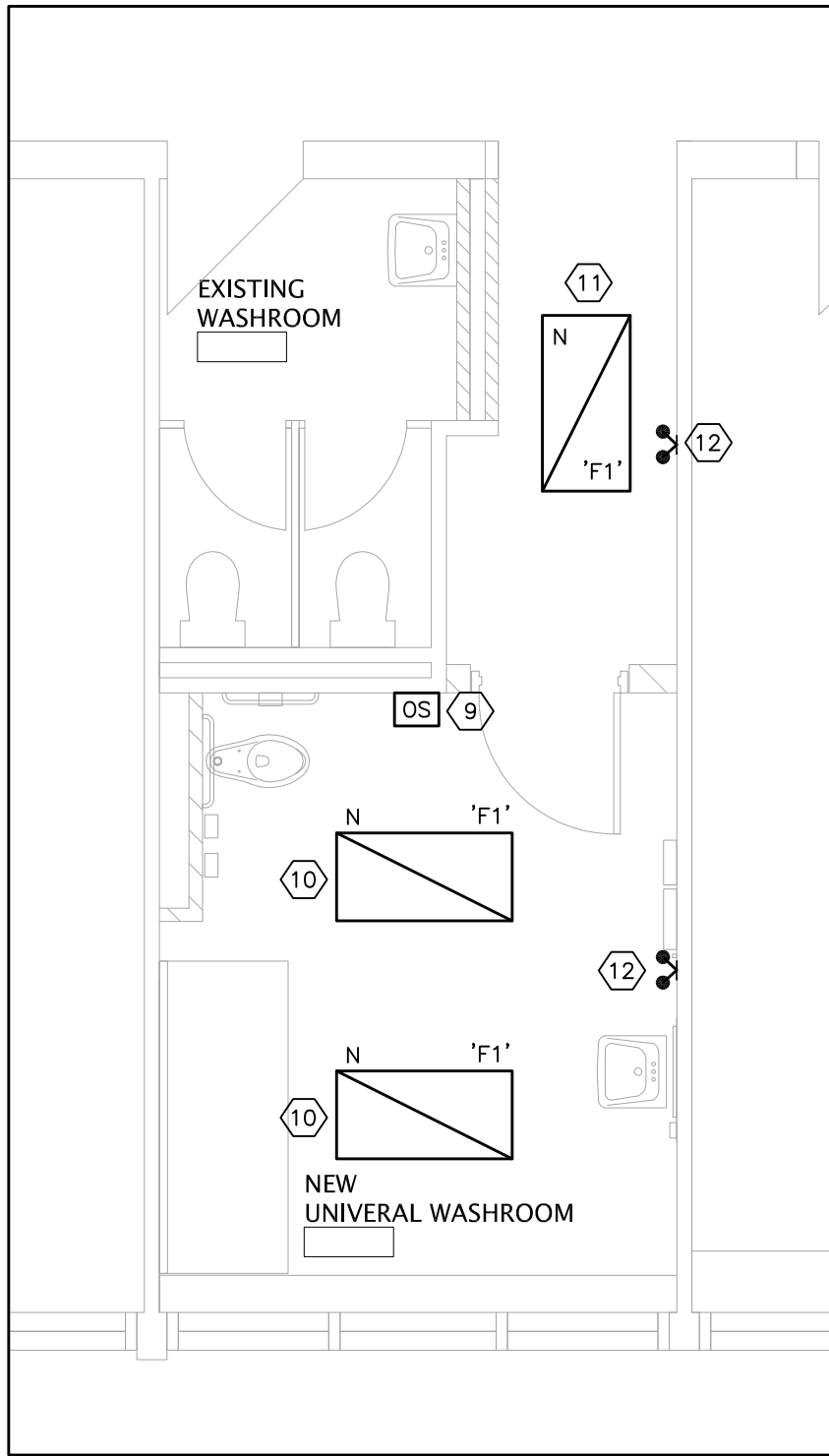
1 EXISTING POWER & SYSTEMS PLAN  
E5 SCALE: 1:50



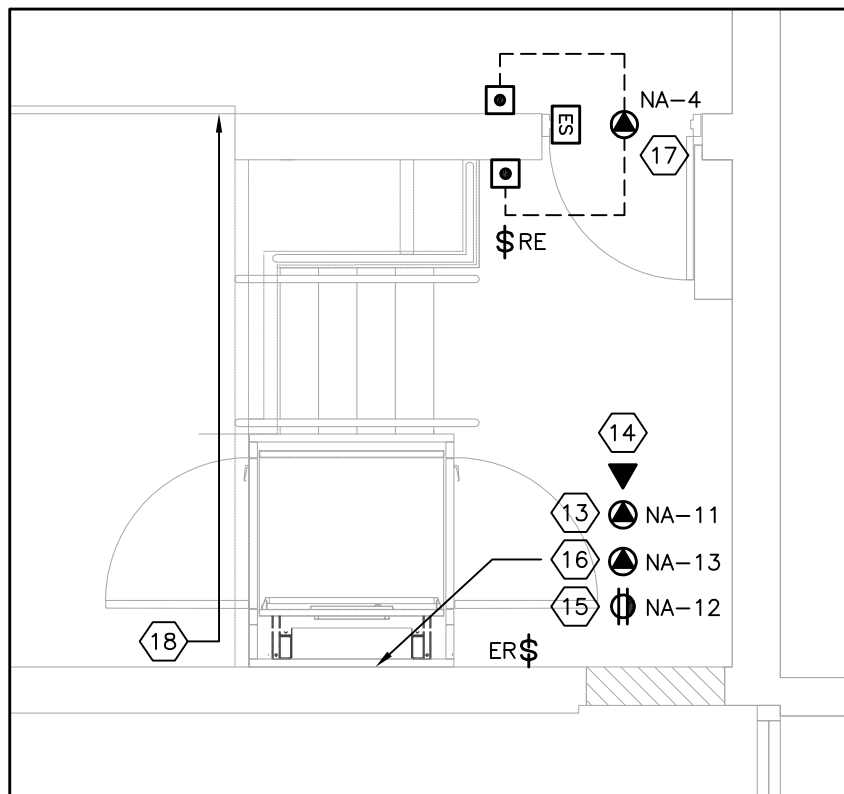
2 EXISTING LIGHTING PLAN  
E5 SCALE: 1:50



3 NEW POWER & SYSTEMS PLAN  
E5 SCALE: 1:50



4 NEW LIGHTING PLAN  
E5 SCALE: 1:50



5 STAGE LIFT — NEW ELECTRICAL PLAN  
E5 SCALE: 1:50

DRAWING NOTES:

- REMOVE ALL EXISTING LIGHT FIXTURES AND SWITCHES IN THE EXISTING WASHROOM AREA. REMOVE ALL REDUNDANT WIRING/RACEWAYS; RETAIN THE LIGHTING CIRCUIT FOR THE NEW LIGHTING.
- REMOVE THE EXISTING EMERGENCY LIGHTING REMOTE HEAD. RETAIN THE EMERGENCY LIGHTING CIRCUIT FOR THE NEW EMERGENCY LIGHTING.
- PROVIDE 120V POWER CONNECTION TO HEADER OF FRAME/POWER SUPPLIES AND RUN LOW VOLTAGE WIRING TO THE TWO (2) PUSH BUTTONS. ONE (1) PUSH TO LOCK BUTTON, "OCCUPIED WHEN LIT" LED ANNUNCIATOR, ELECTRIC STRIKE AND MAGNETIC DOOR CONTACT. LOCATION OF DEVICES SHALL BE AS SHOWN ON ARCHITECTURAL DRAWINGS. "OCCUPIED WHEN LIT" ANNUNCIATOR SHALL BE LOCATED IN CLOSE PROXIMITY AS THE DOOR OPERATOR PUSH BUTTON. THE DOOR OPERATOR SHALL BE TIED TO THE FIRE ALARM SYSTEM TO DISABLE THE DOOR OPERATOR IN THE EVENT OF AN ALARM CONDITION ON THE FIRE ALARM SYSTEM. TIE TO THE FIRE ALARM SYSTEM/FIRE ALARM CONTROL PANEL. PROVIDE A NEW RELAY AND WIRING/RACEWAYS TO THE FIRE ALARM CONTROL PANEL. COMPLETE S1001 INTEGRATED TESTING AFTER COMPLETION OF WORK.
- PROVIDE A NEW CALL-FOR-ASSISTANCE SYSTEM C/W AUDIBLE/VISUAL INDICATOR OUTSIDE OF THE WASHROOM, AUDIBLE/VISUAL INDICATOR INSIDE THE MAIN OFFICE (EXACT LOCATION TO BE ADVISED ON SITE BY THE PRINCIPAL PRIOR TO ROUGH-IN). VISUAL INDICATOR INSIDE THE WASHROOM, AND AN EMERGENCY PUSH BUTTON TIED TO THE INDICATORS C/W SIGNAGE PER OBC. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND HEIGHTS OF DEVICES. CONNECT POWER SUPPLY TO CIRCUIT #NA=7. PROVIDE A LAMACOID LABEL WITH 1" TEXT WITH THE WASHROOM ROOM NUMBER ABOVE THE INDICATOR IN THE MAIN OFFICE. SUPPLY AND INSTALLATION OF THE RESTROOM EMERGENCY CALL-FOR-ASSISTANCE SYSTEM SHALL BE BY DIVISION 26. PROVIDE WIRING BETWEEN THE SYSTEM AND THE DOOR OPERATOR SUCH THAT ACTUATION OF THE CALL-FOR-ASSISTANCE SYSTEM UNLOCKS THE UNIVERSAL WASHROOM DOOR. COORDINATE SEQUENCING WITH THE DOOR OPERATOR INSTALLER. SYSTEM SHALL BE CAMDEN CX-WEC10K2 SERIES OR EQUAL.
- SUPPLY AND INSTALL A NEW ELECTRIC HAND DRYER (EXTREME AIR GXT9-SS) IN THE NEW WASHROOM.
- PROVIDE ONE (1) RECEPTACLE 12" AFF AND ONE (1) RECEPTACLE 12" BELOW THE CEILING FOR THE NEW CHANGE TABLE AND LIFT, RESPECTIVELY.
- PROVIDE A NEW FIRE ALARM HORN/STROBE AS SHOWN. INSTALL AS PER CAN/ULC-SS24 AND VERIFY AS PER CAN/ULC-SS37. PROVIDE A POLYCARBONATE COVER (OR ALTERNATE MASKING METHOD) TO REDUCE AUDIBILITY IF REQUIRED TO CODE-COMPLIANT LEVELS.
- PROVIDE A NEW P.A. SPEAKER; CONNECT TO THE EXISTING CORRIDOR P.A. ZONE.
- PROVIDE A NEW OCCUPANCY SENSOR (TYPE 'S1') IN THE NEW UNIVERSAL WASHROOM AS SHOWN. SENSOR SHALL CONTROL THE NEW LIGHTING.  
  
SENSOR SHALL BE ACUTY hWSX-PDT-WH OR APPROVED EQUAL C/W nPP16-D POWER PACK.
- PROVIDE A NEW LIGHT FIXTURE (TYPE 'F1') IN THE NEW UNIVERSAL WASHROOM AS SHOWN. CONNECT TO THE EXISTING LIGHTING CIRCUIT SERVING THE DEMOLISHED LIGHTING. SAFETY CHAIN THE LIGHT FIXTURE TO THE BUILDING STRUCTURE. LIGHT SHALL BE CONTROLLED BY THE NEW OCCUPANCY SENSOR.  
  
FIXTURE SHALL BE LITHONIA 2GTL4-40L-A12125-G210-MVOLT-LP840 OR APPROVED EQUAL (SITE VERIFY LIGHTING CIRCUIT VOLTAGE AND ORDER ACCORDINGLY).
- PROVIDE A NEW LIGHT FIXTURE (TYPE 'F1') IN THE NEW CORRIDOR LEADING TO THE NEW UNIVERSAL WASHROOM AS SHOWN. CONNECT TO THE EXISTING LIGHTING CIRCUIT SERVING THE CORRIDOR LIGHTING. SAFETY CHAIN THE LIGHT FIXTURE TO THE BUILDING STRUCTURE.  
  
FIXTURE SHALL BE LITHONIA 2GTL4-40L-A12125-G210-MVOLT-LP840 OR APPROVED EQUAL (SITE VERIFY LIGHTING CIRCUIT VOLTAGE AND ORDER ACCORDINGLY).
- PROVIDE NEW DUAL HEAD, MR16, LED, 5W REMOTE EMERGENCY LIGHTING HEADS AS SHOWN. EMERGENCY LIGHTING SHALL OPERATE ON 120VAC AND BE CONNECTED TO THE EXISTING INVERTER-BACKED EMERGENCY LIGHTING CIRCUIT SERVING THE AREA.
- PROVIDE 120V/1Ø POWER CONNECTION TO THE NEW LIFT. CONNECT TO THE CIRCUIT NOTED. PROVIDE ROUGH-IN IN ACCORDANCE WITH THE LIFT MANUFACTURER'S REQUIREMENTS. PROVIDE A NEW 120V/1Ø, 30A/20AF (VERIFY FUSE SIZE WITH THE LIFT CONTRACTOR) LOCKABLE FUSED DISCONNECT SWITCH TO SERVE THE NEW LIFT. DISCONNECT SWITCH SHALL HAVE AN AUXILIARY CONTACT FOR INTEGRATION WITH THE LIFT SYSTEMS. COORDINATE LOCATION, ELECTRICAL REQUIREMENTS AND ROUGH-IN REQUIREMENTS WITH THE LIFT CONTRACTOR. PROVIDE A NEW 20A-1P BREAKER IN THE SOURCE PANEL FOR THE NEW CIRCUIT. PROVIDE FOUR (4) 18 AWG [VERIFY QUANTITY AND SIZE WITH THE LIFT MANUFACTURER] CONDUCTORS BETWEEN THE CONTACT AND CONTROLLER.
- PROVIDE A NEW EMERGENCY PHONE LINE FOR THE LIFT. COORDINATE EXACT LOCATION OF ROUGH-IN WITH THE LIFT MANUFACTURER/SUPPLIER PRIOR TO COMMENCING ROUGH-IN. RUN NEW CABLING FROM THE TELEPHONE OUTLET TO THE TELEPHONE SWITCH.  
  
PROVIDE CATEGORY 6, "BLUE" COLOUR, FT6/PLENUM RATED TELEPHONE CABLING FROM THE OUTLET TO THE TELEPHONE SWITCH. TERMINATIONS AT BOTH ENDS TO BE COMPLETED BY THE CONTRACTOR. VERIFY EXACT LOCATION FOR THE TELEPHONE OUTLET WITH THE ELEVATOR CONTRACTOR PRIOR TO COMMENCING ROUGH-IN.
- PROVIDE A NEW GFCI DUPLEX RECEPTACLE IN THE ELEVATOR PIT. CONNECT THE RECEPTACLE TO A DEDICATED CIRCUIT. PLACE THE RECEPTACLE IN ACCORDANCE WITH THE ELEVATOR MANUFACTURER'S REQUIREMENTS/SHOP DRAWINGS. VERIFY RECEPTACLE RATING (15A VS. 20A) WITH THE ELEVATOR MANUFACTURER'S REQUIREMENTS/SHOP DRAWINGS AND PROVIDE ACCORDINGLY.
- PROVIDE 120V POWER CONNECTION TO THE LIFT PIT LIGHT; PROVIDE LINE-VOLTAGE LIGHT SWITCH. CONNECT TO A DEDICATED CIRCUIT. COORDINATE EXACT LOCATION OF ROUGH-IN WITH THE LIFT MANUFACTURER/SUPPLIER PRIOR TO COMMENCING ROUGH-IN.
- PROVIDE 120V POWER CONNECTION TO THE DOOR OPERATOR HEADER. CONNECT TO THE CIRCUIT NOTED. PROVIDE WIRING AND RACEWAYS TO THE TWO (2) ACTUATOR BUTTONS FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM.
- RELOCATE THE EXISTING JUNCTION BOX AND 21mmC ALONG THE WALL AS REQUIRED TO ACCOMMODATE THE NEW LIFT AND STAIRCASE.

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LOCATION

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Public School  
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Toronto, Ontario, M1E 3Y3

PROJECT

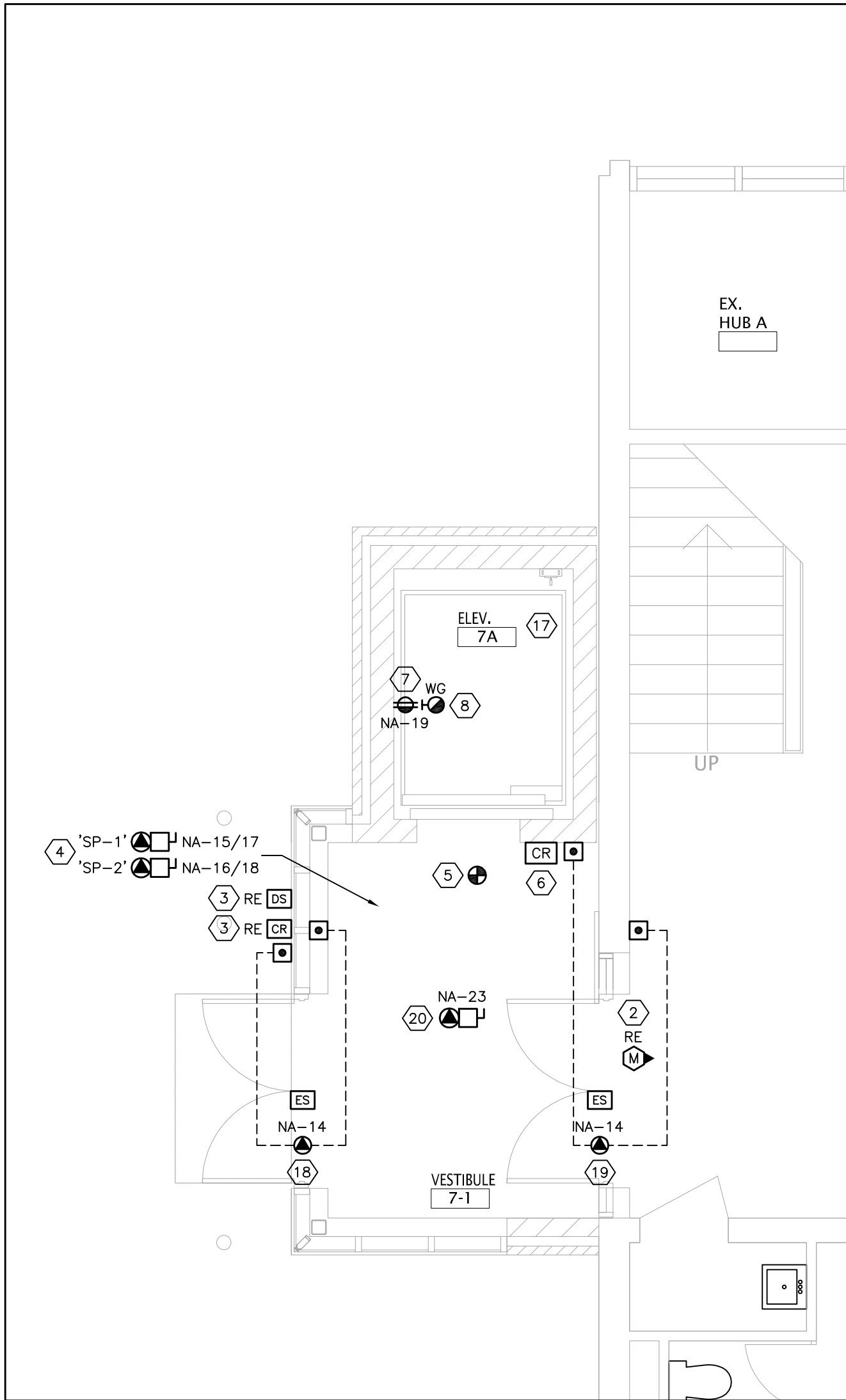
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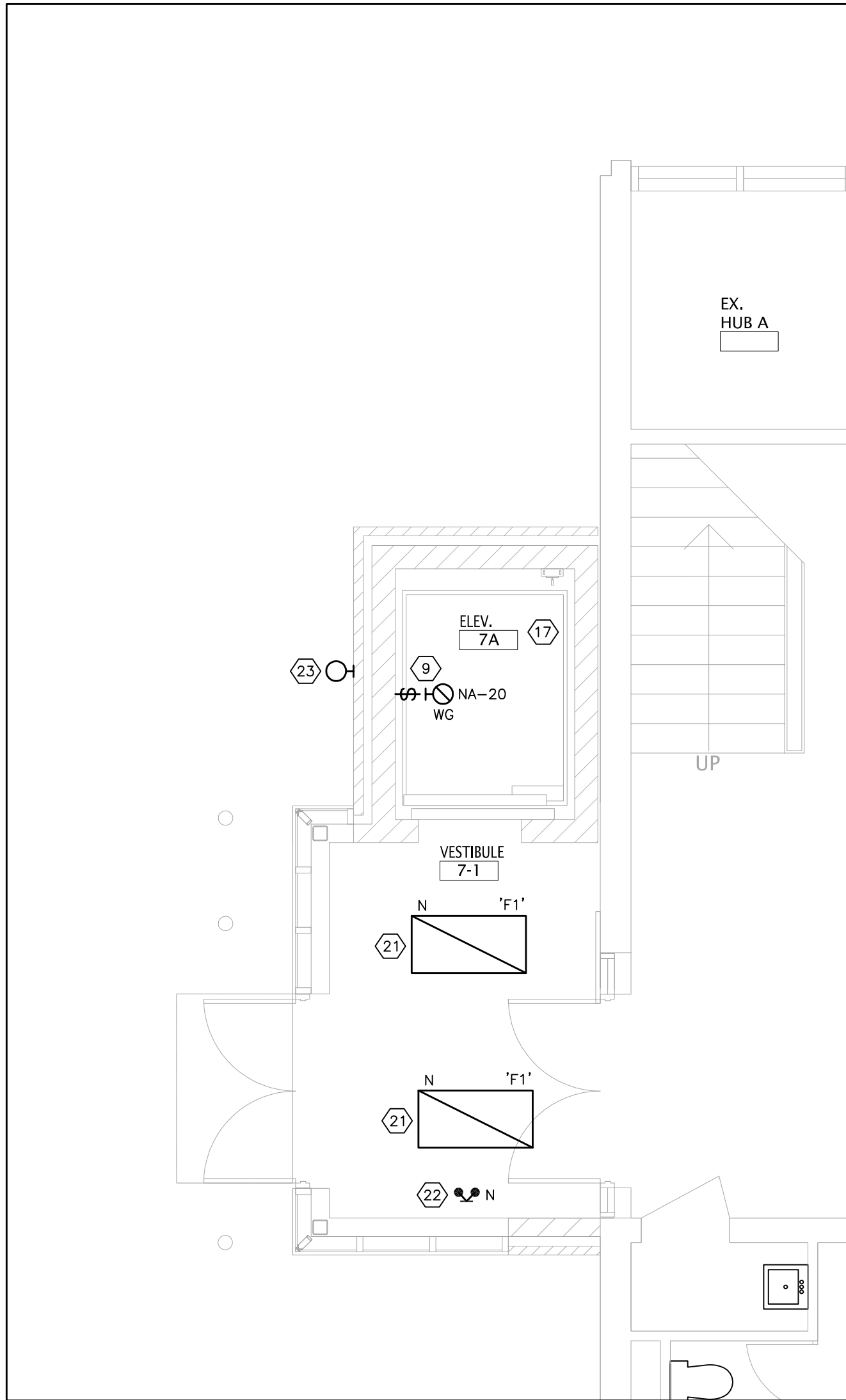
ELECTRICAL PART PLANS

TDSB PROJECT No:	TR-25-XXXX	DRAWING No
DATE:	FEBRUARY 2026	E5
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	

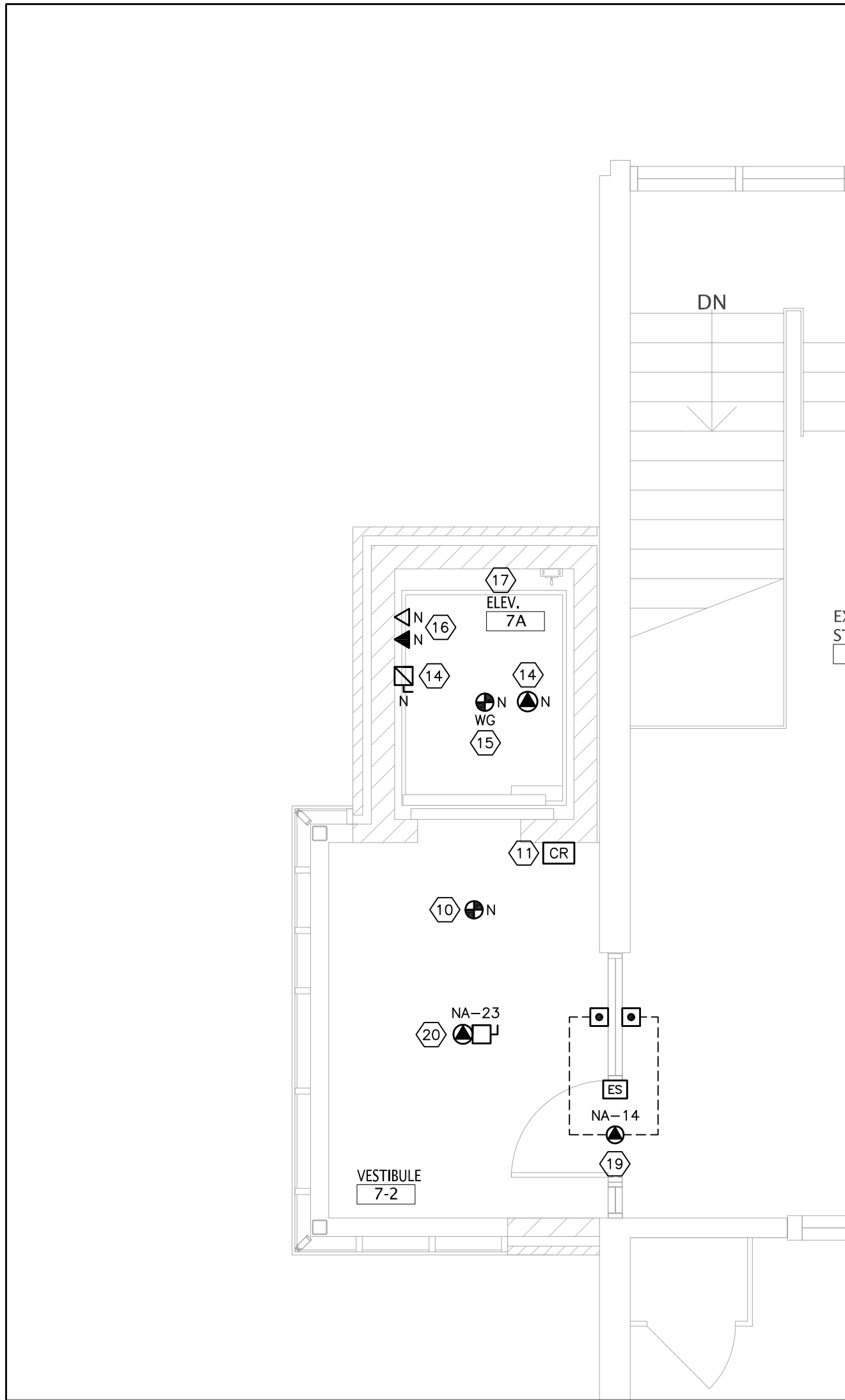




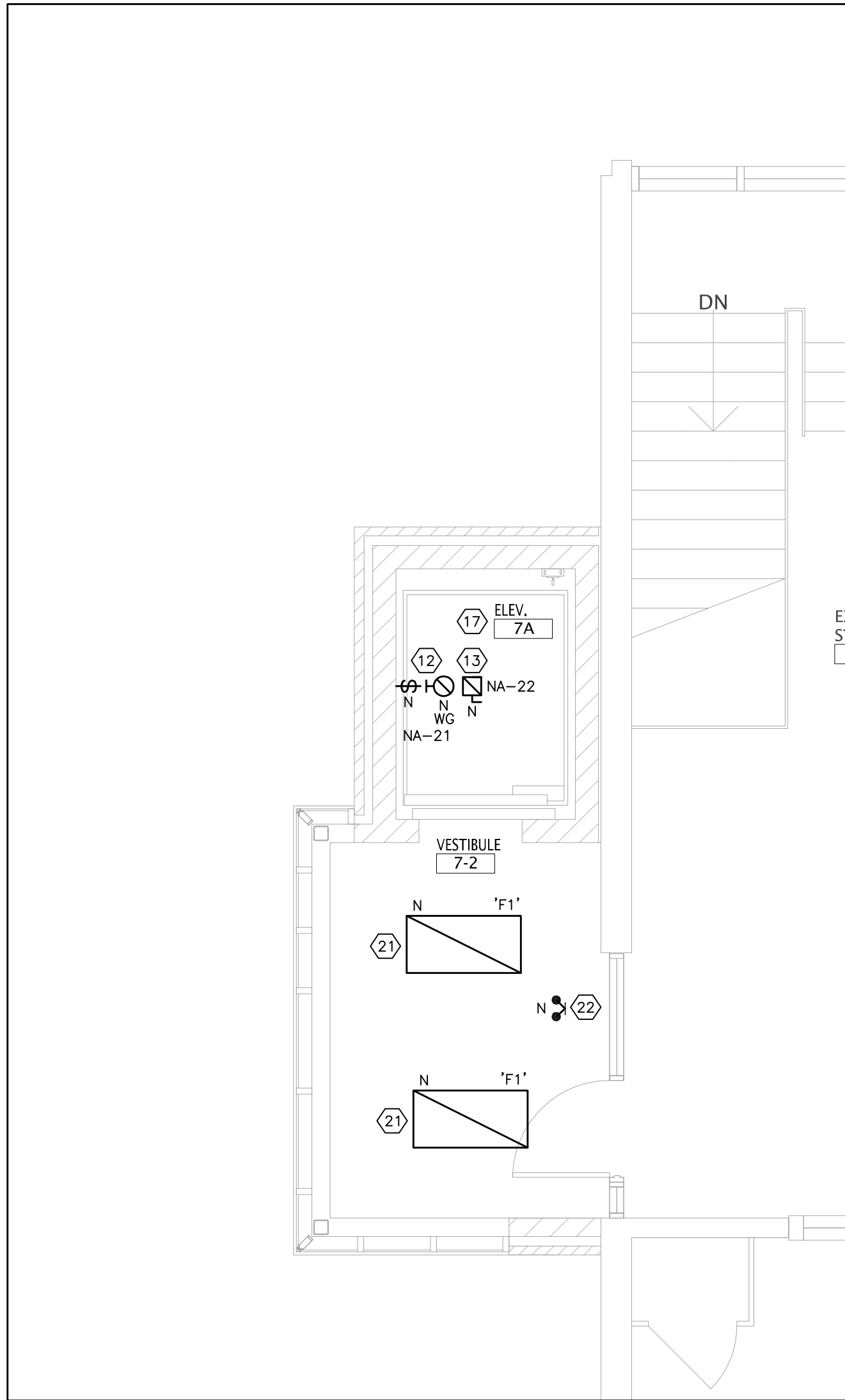
1 FIRST FLOOR ELEVATOR ADDITION – NEW POWER & SYSTEMS PLAN  
E6 SCALE: 1:50



2 FIRST FLOOR ELEVATOR ADDITION – NEW LIGHTING PLAN  
E6 SCALE: 1:50



3 SECOND FLOOR ELEVATOR ADDITION – NEW POWER & SYSTEMS PLAN  
E6 SCALE: 1:50

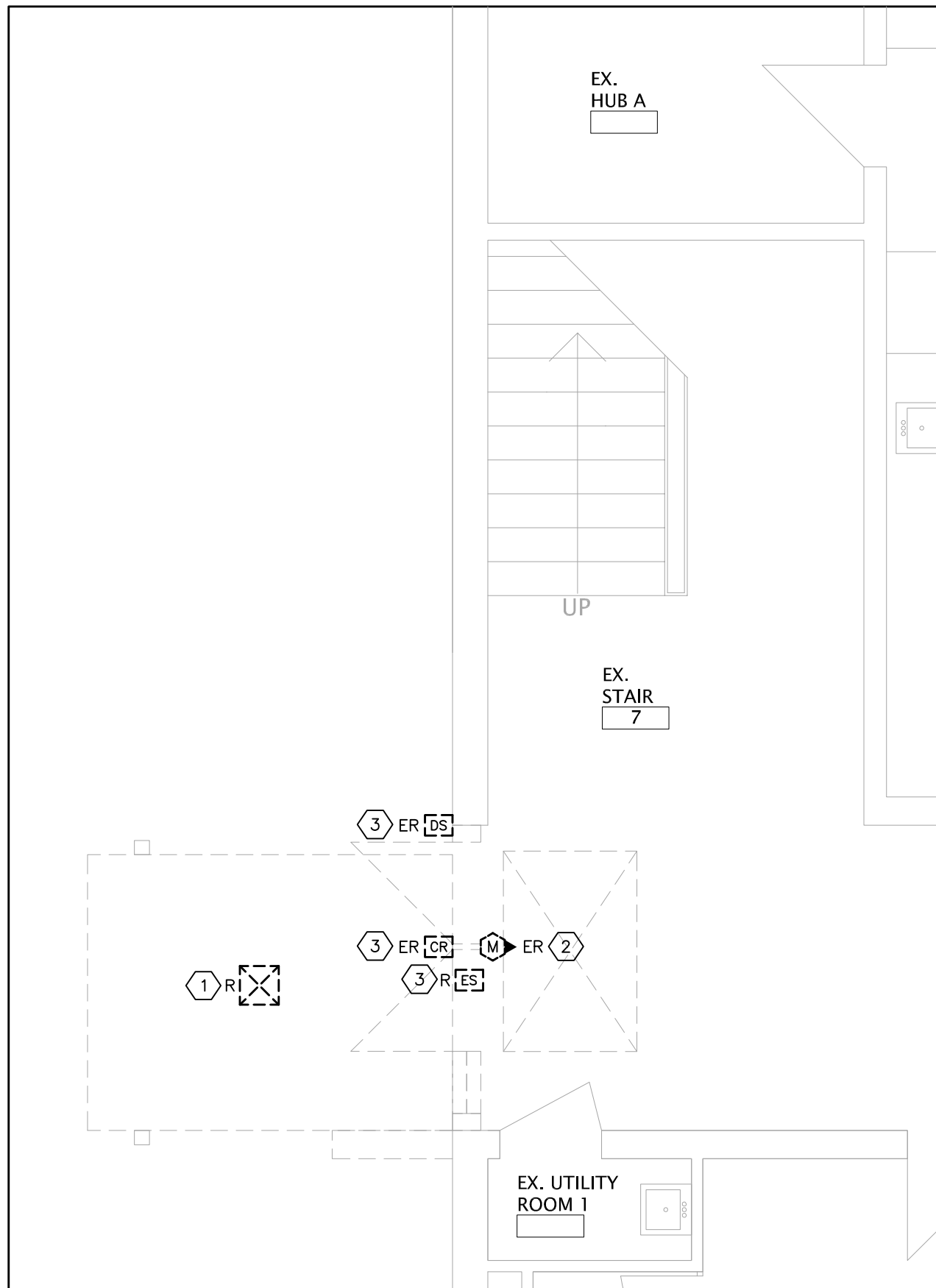


4 SECOND FLOOR ELEVATOR ADDITION – NEW LIGHTING PLAN  
E6 SCALE: 1:50

DRAWING NOTES:

- REMOVE THE EXISTING LIGHT FIXTURE. REMOVE ALL REDUNDANT WIRING/RACEWAYS.
- RELOCATE THE EXISTING MOTION DETECTOR TIED TO THE INTRUSION ALARM SYSTEM. EXTEND CABLING AS REQUIRED.
- TEMPORARILY REMOVE THE EXISTING DOOR STATION (TIED TO THE AIPHONE SYSTEM) AND THE CARD READER. RELOCATE TO THE NEW ELEVATOR ADDITION VESTIBULE DOOR; EXTEND ALL CABLING TO THE NEW LOCATIONS. REMOVE THE EXISTING ELECTRIC STRIKE. INTERLOCK THE CARD READER AND AIPHONE SYSTEM WITH THE NEW DOOR OPERATOR.
- PROVIDE 208V/1 $\phi$  POWER CONNECTIONS C/W DISCONNECT SWITCHES TO THE NEW DUPLEX SUMP PUMPS. COORDINATE EXACT LOCATION AND ROUGH-IN WITH THE MECHANICAL CONTRACTOR. LOCATE ALL CONTROLS, STARTERS, ETC. IN THE CARETAKER'S OFFICE. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR RUNNING ALL CONTROL WIRING/CONDUIT FROM THE SUMP PUMP TO THE CONTROLS/STARTER IN THE CARETAKER'S OFFICE – SEE MECHANICAL DRAWINGS. ALL CONDUITS SHALL BE BURIED.
- PROVIDE A NEW SMOKE DETECTOR IN THE FIRST FLOOR ELEVATOR VESTIBULE. CONNECT TO THE EXISTING FIRE ALARM ZONE SERVING THIS AREA OF THE FIRST FLOOR.
- PROVIDE A NEW CARD READER IN THE FIRST FLOOR ELEVATOR VESTIBULE. CONNECT THE CARD READER TO THE NEW CARD READER ACCESS CONTROL SYSTEM AND ELEVATOR. LOCATE CONTROLLER IN THE HUB ROOM – SEE KEY PLAN.
- PROVIDE A 20A (T-SLOT), GF1 DUPLEX RECEPTACLE IN THE ELEVATOR PIT. COORDINATE EXACT LOCATION AND ROUGH-IN WITH THE ELEVATOR MANUFACTURER.
- PROVIDE A HEAT DETECTOR (C/W WIREGUARD) IN THE ELEVATOR PIT. COORDINATE EXACT LOCATION AND ROUGH-IN WITH THE ELEVATOR MANUFACTURER. CONNECT THE HEAT DETECTOR TO A NEW DEDICATED FIRE ALARM ZONE SERVING THE ELEVATOR SHAFT.
- PROVIDE A NEW LIGHT FIXTURE (C/W WIREGUARD) AND LIGHT SWITCH IN THE ELEVATOR PIT. COORDINATE EXACT LOCATION AND ROUGH-IN WITH THE ELEVATOR MANUFACTURER. VERIFY LIGHT FIXTURE SPECIFICATIONS WITH THE ELEVATOR MANUFACTURER.
- PROVIDE A NEW SMOKE DETECTOR IN THE SECOND FLOOR ELEVATOR VESTIBULE. CONNECT TO THE EXISTING FIRE ALARM ZONE SERVING THIS AREA OF THE SECOND FLOOR.
- PROVIDE A NEW CARD READER IN THE SECOND FLOOR ELEVATOR VESTIBULE. CONNECT THE CARD READER TO THE NEW CARD READER ACCESS CONTROL SYSTEM AND ELEVATOR. LOCATE CONTROLLER IN THE HUB ROOM – SEE KEY PLAN.
- PROVIDE A NEW LIGHT FIXTURE (C/W WIREGUARD) AND LIGHT SWITCH AT THE TOP OF THE SHAFT. COORDINATE EXACT LOCATION AND ROUGH-IN WITH THE ELEVATOR MANUFACTURER. VERIFY LIGHT FIXTURE SPECIFICATIONS WITH THE ELEVATOR MANUFACTURER.
- PROVIDE NEW 120V POWER CONNECTION TO THE CAB LIGHTING. PROVIDE A NEW 120V/1 $\phi$  FUSED DISCONNECT SWITCH (30A/15AF) WITH AUXILIARY CONTACTS FOR THE CAB LIGHTING. COORDINATE EXACT LOCATION AND ROUGH-IN WITH THE ELEVATOR MANUFACTURER.
- PROVIDE 208V/3 $\phi$  POWER CONNECTION C/W LOCAL DISCONNECT SWITCH TO THE NEW ELEVATOR. COORDINATE POWER CONNECTION AND POWER SUPPLY REQUIREMENTS WITH THE ELEVATOR MANUFACTURER. PROVIDE A NEW FEEDER (4#3 RW90+G IN 35mmC) AND BREAKER IN THE MAIN SWITCHBOARD FOR THE ELEVATOR IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. PROVIDE A NEW 208V, 200A/150AF–3P 208V/3 $\phi$  FUSED DISCONNECT SWITCH WITH AUXILIARY CONTACTS FOR THE ELEVATOR. COORDINATE EXACT LOCATION AND ROUGH-IN WITH THE ELEVATOR MANUFACTURER.
- PROVIDE A NEW SMOKE DETECTOR AT THE TOP OF THE ELEVATOR SHAFT. CONNECT THE HEAT DETECTOR TO A NEW DEDICATED FIRE ALARM ZONE SERVING THE ELEVATOR SHAFT ON THE FIRE ALARM SYSTEM.
- PROVIDE A TELEPHONE OUTLET (C/W CATEGORY 6, "BLUE" COLOUR, FT6/PLENUM RATED) IN THE ELEVATOR PIT; PROVIDE CABLING TO THE TELEPHONE SWITCH SERVING THE SCHOOL (VERIFY EXACT LOCATION WITH THE TDSB I.T. TEAM PRIOR TO RUNNING). PROVIDE A DATA OUTLET (C/W CATEGORY 6, "YELLOW" COLOUR, FT6/PLENUM RATED) TO THE HUB ROOM IN THE ELEVATOR SHAFT AS WELL. COORDINATE EXACT LOCATION AND ROUGH-IN WITH THE ELEVATOR MANUFACTURER.
- FOR THE ELEVATOR, LOCATE ALL DEVICES (HEAT DETECTOR, LIGHT FIXTURE AND RECEPTACLE) IN THE PIT AND IN THE SHAFT AS PER THE ELEVATOR MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. PROVIDE A WIREGUARD FOR ALL DEVICES/EQUIPMENT. PROVIDE FIRE ALARM RECALL SIGNAL TO THE ELEVATOR TO RECALL THE ELEVATOR IN THE EVENT OF A GENERAL ALARM. FIRST FLOOR SHALL BE THE PRIMARY RECALL LEVEL AND THE SECOND FLOOR SHALL BE THE SECONDARY RECALL LEVEL.
- PROVIDE 120V POWER CONNECTION TO THE DOOR OPERATOR HEADER. CONNECT TO THE CIRCUIT NOTED. PROVIDE WIRING AND RACEWAYS TO THE TWO (2) ACTUATOR BUTTONS AND ELECTRIC STRIKE FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM. INTERLOCK THE DOOR OPERATOR WITH THE AIPHONE SYSTEM AND CARD READER SYSTEM.

- PROVIDE 120V POWER CONNECTION TO THE DOOR OPERATOR HEADER. CONNECT TO THE CIRCUIT NOTED. PROVIDE WIRING AND RACEWAYS TO THE TWO (2) ACTUATOR BUTTONS AND ELECTRIC STRIKE FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM. THE DOOR OPERATOR SHALL BE TIED TO THE FIRE ALARM SYSTEM TO DISABLE THE DOOR OPERATOR IN THE EVENT OF AN ALARM CONDITION ON THE FIRE ALARM SYSTEM. TIE TO THE FIRE ALARM SYSTEM/FIRE ALARM CONTROL PANEL. PROVIDE A NEW RELAY AND WIRING/RACEWAYS TO THE FIRE ALARM CONTROL PANEL. COMPLETE S1001 INTEGRATED TESTING AFTER COMPLETION OF WORK.
- PROVIDE 120V POWER CONNECTION TO THE NEW CEILING-MOUNTED FORCED FLOW HEATERS. COORDINATE POWER CONNECTION WITH THE MECHANICAL CONTRACTOR.
- PROVIDE A NEW LIGHT FIXTURES (TYPE 'F1') IN THE NEW ELEVATOR VESTIBULES AS SHOWN. CONNECT THE FIXTURES TO THE EXISTING CORRIDOR LIGHTING CIRCUIT ON EACH RESPECTIVE FLOOR. SAFETY CHAIN THE LIGHT FIXTURE TO THE BUILDING STRUCTURE. LIGHT SHALL BE CONTROLLED BY THE EXISTING CONTROL SERVING THE CORRIDOR LIGHTING.  
FIXTURE SHALL BE LITHONIA 20TL4–40L–A12125–GZ10–347V–LP840 OR APPROVED EQUAL (SITE VERIFY LIGHTING CIRCUIT VOLTAGE AND ORDER ACCORDINGLY).
- PROVIDE NEW DUAL HEAD, MR16, LED, 5W REMOTE EMERGENCY LIGHTING HEADS AS SHOWN. EMERGENCY LIGHTING SHALL OPERATE ON 120VAC AND BE CONNECTED TO THE EXISTING INVERTER-BACKED EMERGENCY LIGHTING CIRCUIT SERVING THE AREA.
- PROVIDE A NEW EXTERIOR LIGHT FIXTURE. CONNECT TO THE EXISTING EXTERIOR LIGHTING CIRCUIT SERVING THIS AREA.  
FIXTURE SHALL BE LITHONIA DSXW1–P3–30K–80CRI–T3M–MVOLT–VG–DDBXD OR APPROVED EQUAL.



5 FIRST FLOOR PART PLAN – AT ELEVATOR ADDITION  
E6 SCALE: 1:50

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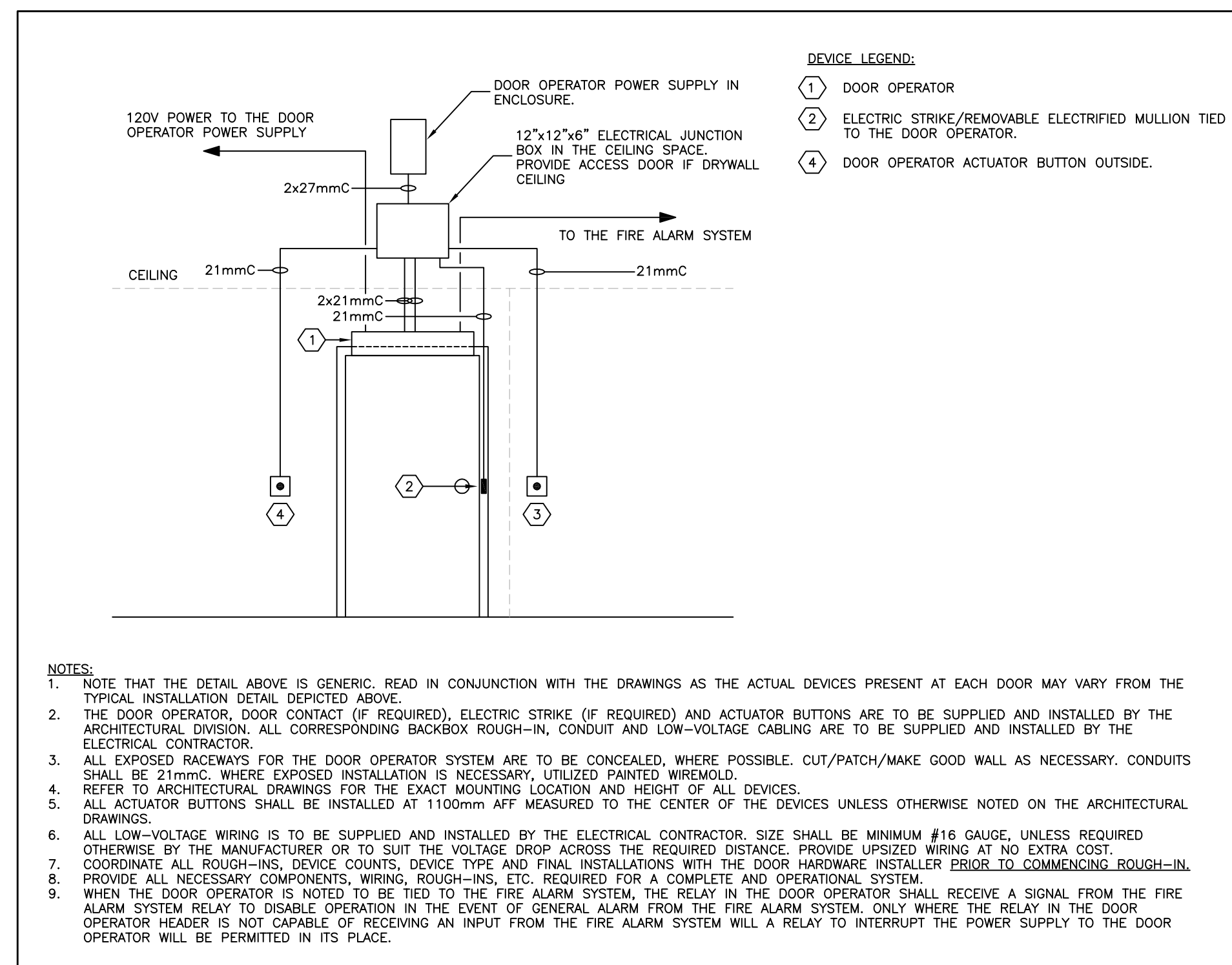
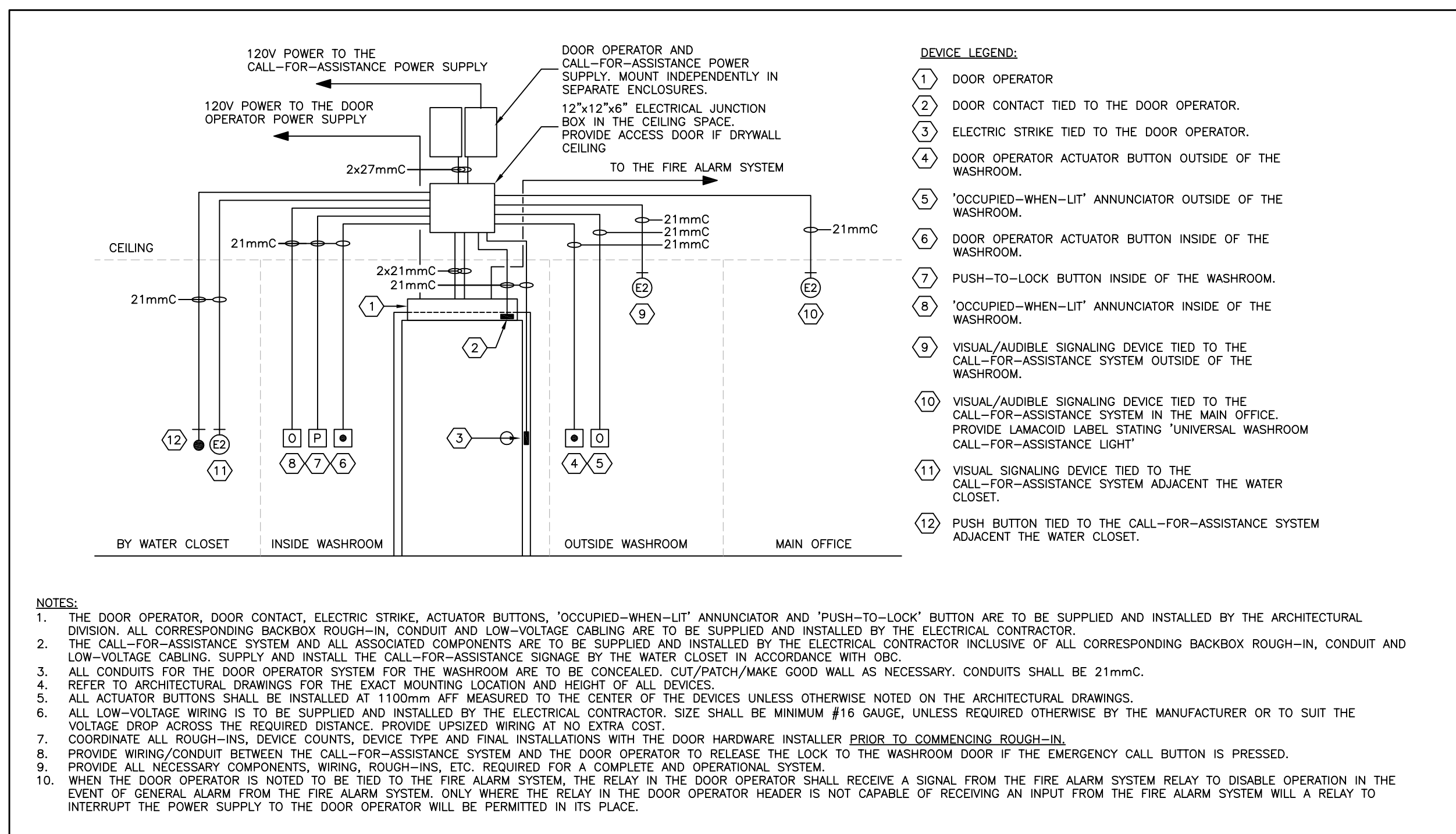


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LOCATION	
William G. Miller Public School 60 Bennett Road Toronto, Ontario. M1E 3Y3	
PROJECT	
ACCESSIBILITY UPGRADES	
DRAWING TITLE	
ELECTRICAL PART PLANS	
TDSB PROJECT No:	TR–25–XXXX
DATE:	FEBRUARY 2026
SCALE:	AS NOTED
DRAWING BY:	RS
APPROVED BY:	SS

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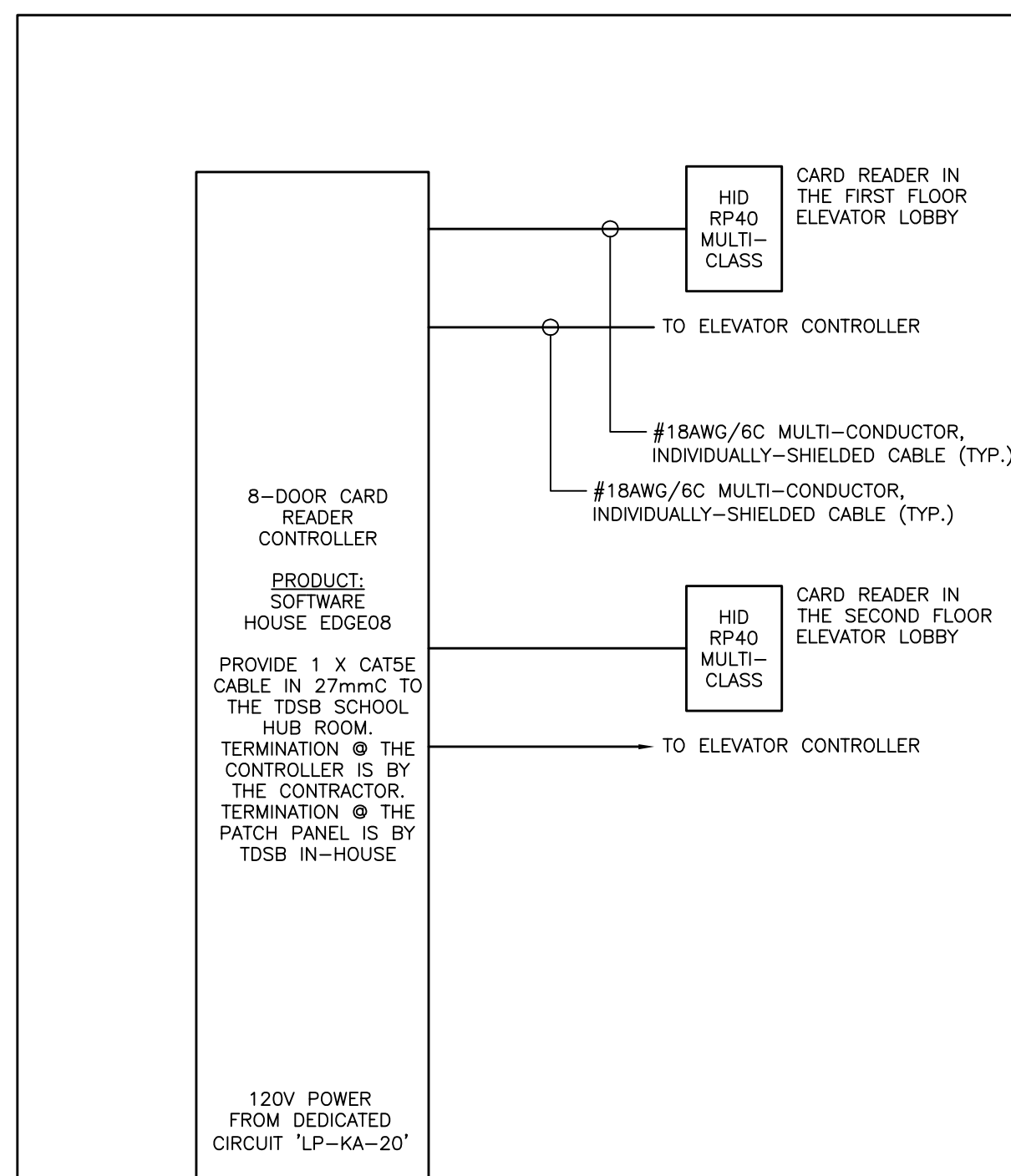




NEW PANEL 'NA' 120V/208V, 3PH, 4W		TYPE: MAINS: MAIN BKR:		1 100A 100A-3P		MOUNTING: SURFACE-MOUNTED LOCATION: SEE KEY PLAN	
WATTS	DESCRIPTION	PROT.	CIRCUITS	PROT.	DESCRIPTION	WATTS	
	HOLD-OPEN DEVICES	15A	1	2	15A	DOOR OPERATORS	
	DOOR OPERATORS	15A	3	4	15A	DOOR OPERATORS	
	SPARE	15A	5	6	15A	SPARE	
	UWR DOOR OPERATOR/ CALL-FOR-ASSISTANCE SYSTEM	15A	7	8	15A	UWR CHANGE TABLE RECEPTACLE	
	UWR LIFT TRACK RECEPTACLE	15A	9	10	20A GFI	UWR HAND DRYER	
	STAGE LIFT	20A	11	12	20A	STAGE LIFT PIT RECEPTACLE	
	STAGE LIFT PIT LIGHT	15A	13	14	15A	DOOR OPERATORS	
	SUMP PUMP 'SP-1'	20A	15	16	20A		
		2P	17	18	2P	SUMP PUMP 'SP-2'	
	ELEVATOR PIT RECEPTACLE	20A	19	20	15A	ELEVATOR PIT LIGHTING	
	ELEVATOR SHAFT LIGHTING	15A	21	22	15A	ELEVATOR CAB LIGHTING	
	SPARE	15A	23	24	15A	SPARE	
	SPARE	15A	25	26	15A	SPARE	
	SPARE	20A	27	28	20A	SPARE	
	SPARE	20A	29	30	20A	SPARE	

NOTES:

1. PROVIDE PANELBOARD C/W COVERS, COPPER BUS.
2. PROVIDE PRINTED PANEL DIRECTORY WITH CIRCUIT NUMBER, TYPE AND LOCATION OF ALL LOADS. ALL SPARE BREAKERS SHALL BE LABELED WITH PENCIL FOR FUTURE UPDATE. PROVIDE LABEL INSIDE PANEL COVER STATING YEAR OF INSTALLATION, PANEL SOURCE LOCATION, OVERCURRENT PROTECTION AND FEEDER SIZE.
3. PROVIDE A NEW FEEDER (4#3 RW90+G IN 35mmC) TO THE PANEL FROM A NEW BREAKER LOCATED IN THE EXISTING 120/208V, 3ø, 4W MAIN SWITCHBOARD IN THE MAIN ELECTRICAL ROOM (SEE KEY PLAN).



- SYSTEM NOTES:

1. PROVIDE ALL DEVICES AND CONTROLLER AND CABLING AS SHOWN ON THE SCHEMATIC AND ON THE FLOOR PLAN.
2. PROVIDE ALL WIRING AS PER THE MANUFACTURER'S RECOMMENDATIONS AND TO SUIT THE DEVICE-TO-DEVICE DISTANCE.
3. LOCATE THE CONTROLLER AND ASSOCIATED POWER SUPPLY WHERE NOTED ON THE DRAWINGS. CONNECT TO THE CIRCUIT NOTED.
4. ENTIRE SYSTEM SHALL BE SITE COMMISSIONED BY THE MANUFACTURER AND/OR ITS DELEGATE. COMMISSION IN CONJUNCTION WITH THE DOOR HARDWARE INSTALLER AND COMMISSIONER.
5. PROVIDE ALL NECESSARY COMPONENTS REQUIRED FOR A FULLY OPERATIONAL DOOR ACCESS CONTROL SYSTEM.
6. ALL 120V AND LOW-VOLTAGE WIRING IS TO BE BY DIVISION 26.
7. ALL CARD READERS ARE TO BE MOUNTED AT 1100mm MEASURED TO THE CENTER OF THE DEVICE.
8. PROVIDE WIRING & CONDUIT FROM THE DOOR CONTROLLER TO THE EXISTING INTRUSION ALARM SECURITY PANEL TO PROVIDE FOR INTERCONNECTION OF THE ACCESS CONTROL SYSTEM TO THE INTRUSION ALARM SYSTEM.
9. PROVIDE FORTY (40) PROGRAMMABLE CARDS AND HAND THEM TO THE HEAD CARETAKER FOR THE SCHOOL'S USE.
10. ALL PROGRAMMING AND SETUP OF THE CARD READER SYSTEM IS TO BE COMPLETED BY THE CONTRACTOR. COORDINATE PERMISSIONS AND PASSWORD SETUP WITH TDSB'S CARD ADMIN GROUP.

- SYSTEM SEQUENCE OF OPERATIONS:

ACCESS TO THE ELEVATOR IS INTENDED TO BE LIMITED TO DESIGNATED INDIVIDUALS ONLY, INCLUDING THE FOLLOWING:

1. TDSB – SCHOOL PRINCIPAL
2. TDSB – DESIGNATED STAFF MEMBERS
3. TDSB – CARETAKER
4. TDSB – DESIGNATED STUDENTS WITH ACCESSIBILITY NEEDS

THE ELEVATOR DOORS ARE TO BE KEPT NORMALLY CLOSED AT ALL TIMES.

UPON A SUCCESSFUL SWIPE OF THE CARD READER ON ANY OF THE FLOORS, THE DOOR OF THE ELEVATOR ARE TO OPEN.

CONSULTANTS LOGO

**SURI & ASSOCIATES LTD.**  
ENGINEERING CONSULTANTS

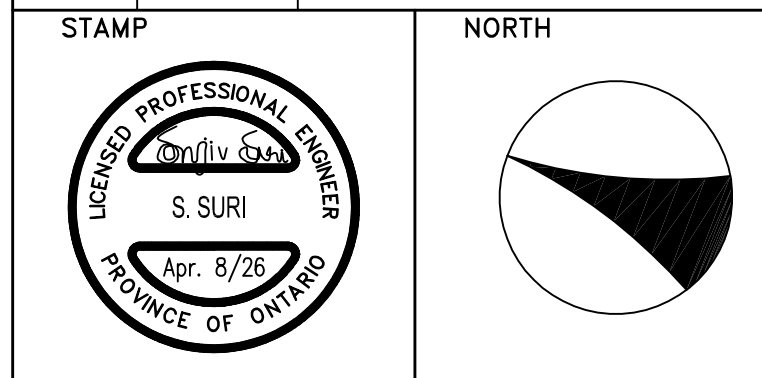
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1022 WHITE CLOVER WAY  
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F (289)–327–3420

ELECTRICAL  
MECHANICAL  
LIGHTING  
COMMUNICATION  
SECURITY

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT PRIOR TO COMMENCING CONSTRUCTION. ALL DRAWINGS AND SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF 'TDSB' AND MUST BE RETURNED UPON REQUEST. USE THE LATEST REVISED DRAWINGS ONLY. REPRODUCTION OF DRAWINGS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT TDSB'S WRITTEN PERMISSION. DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS DO NOT SCALE DRAWINGS.

2	APR. 8/26	ISSUED FOR PERMIT/TENDER
1	MAR. 20/26	ISSUED FOR COORDINATION
No.	DATE	DESCRIPTION



Toronto  
District  
School  
Board

Facility Services Department  
Design & Construction Division

15 Oakburn Cres. Toronto, Ontario M2N 2T5  
t. 416-395-4588 / f. 416-395-9734

<b>LOCATION</b>	
<p style="text-align: center;">William G. Miller Public School 60 Bennett Road Toronto, Ontario. M1E 3Y3</p>	
<b>PROJECT</b>	
ACCESSIBILITY UPGRADES	
<b>DRAWING TITLE</b>	
SCHEDULES & SCHEMATICS	
<b>TDSB PROJECT No:</b>	<b>DRAWING</b>
DATE:	E7
SCALE:	
DRAWING BY:	
APPROVED BY:	