[illegible]

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Kingsland
ARCHITECTS INC. 

KINGSLAND + ARCHITECTS INC
110 Cumberland Street, Suite 262
Toronto, Ontario M5R 3V5
ph 416.203.7799
fax 416.203.7763



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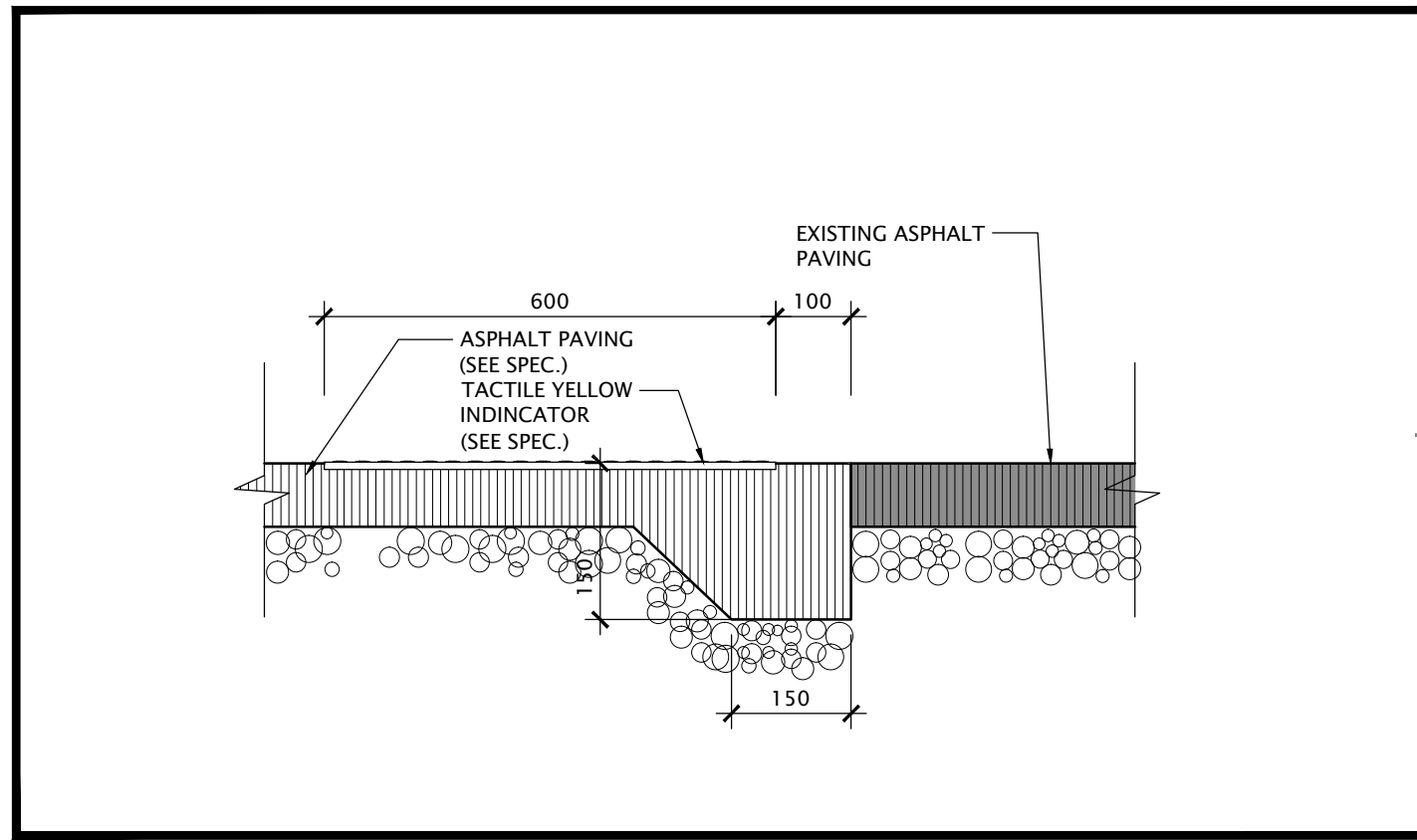
ACCESSIBILITY UPGRADES

TR-25-0941

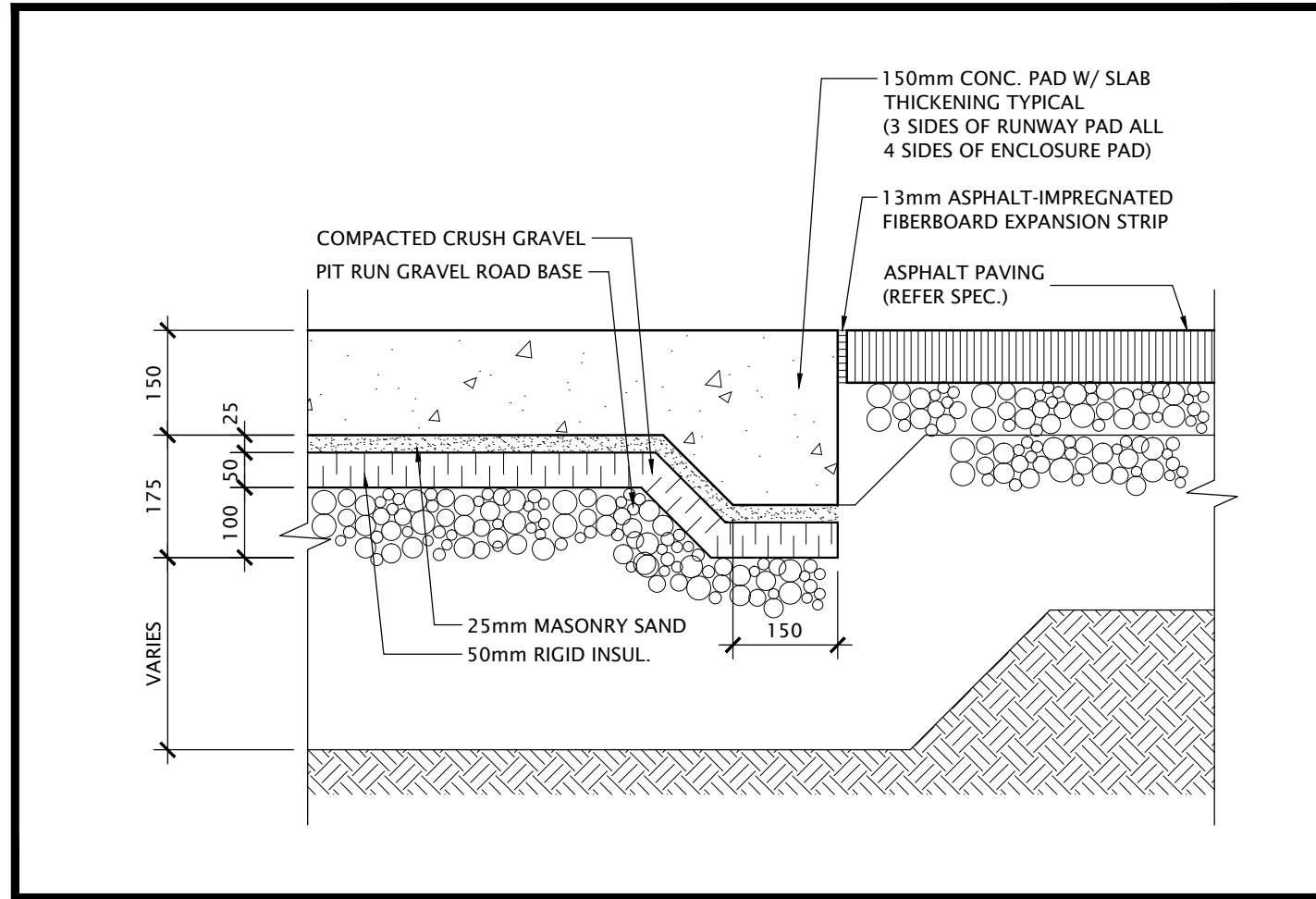
**2829 Keele Street, North
North York, Ontario
M3M 2G7**

DRAWING TITLE: SITE PLAN		
PROJECT NO: A25005	SCALE: 1:500	
DRAWN:	DRAWING NO:	REV.
CHECKED: K+	A1-1	2
DATE: DEC. 2025		

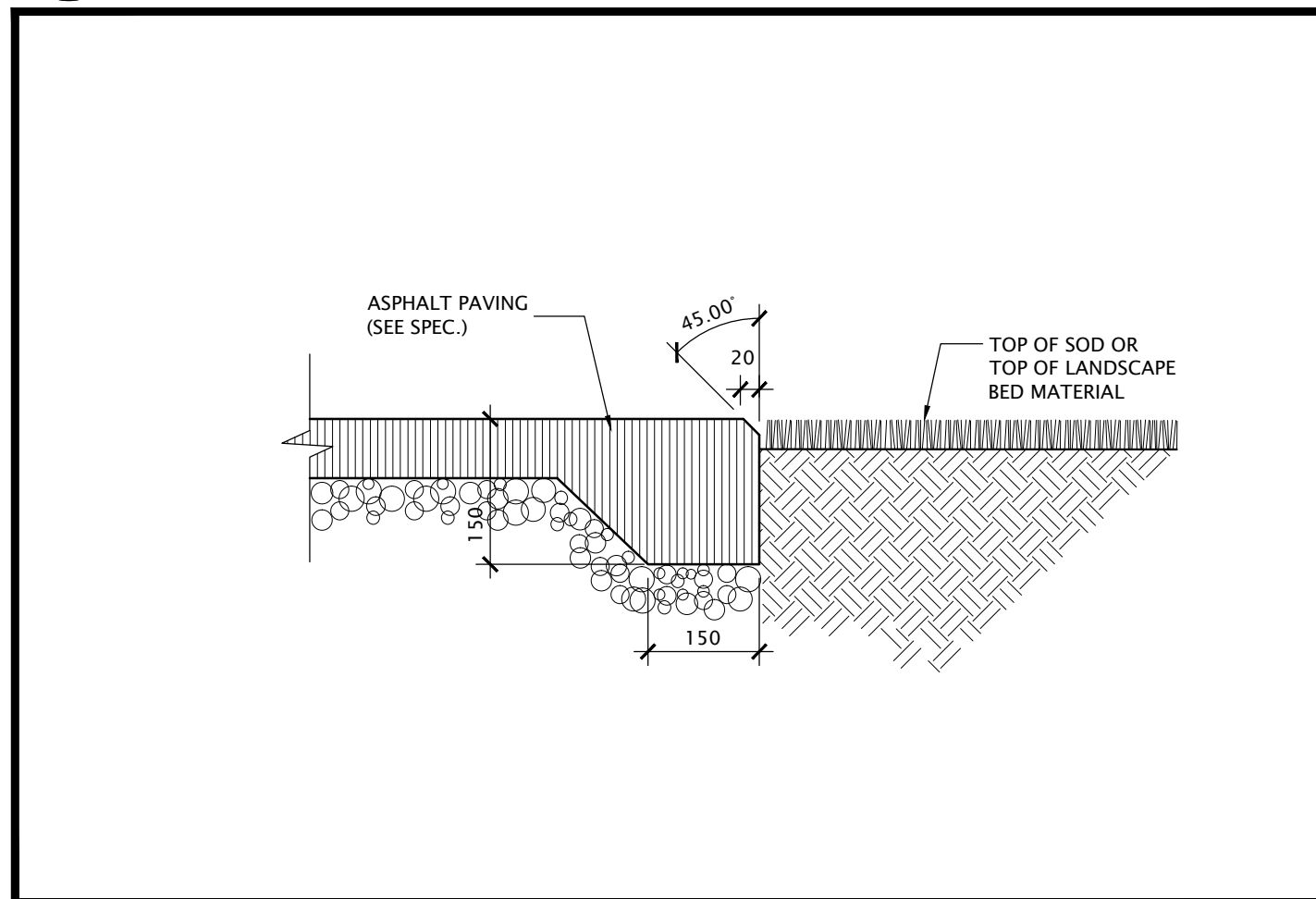
FILES: A25002 - A1-1 OVERALL SITE P



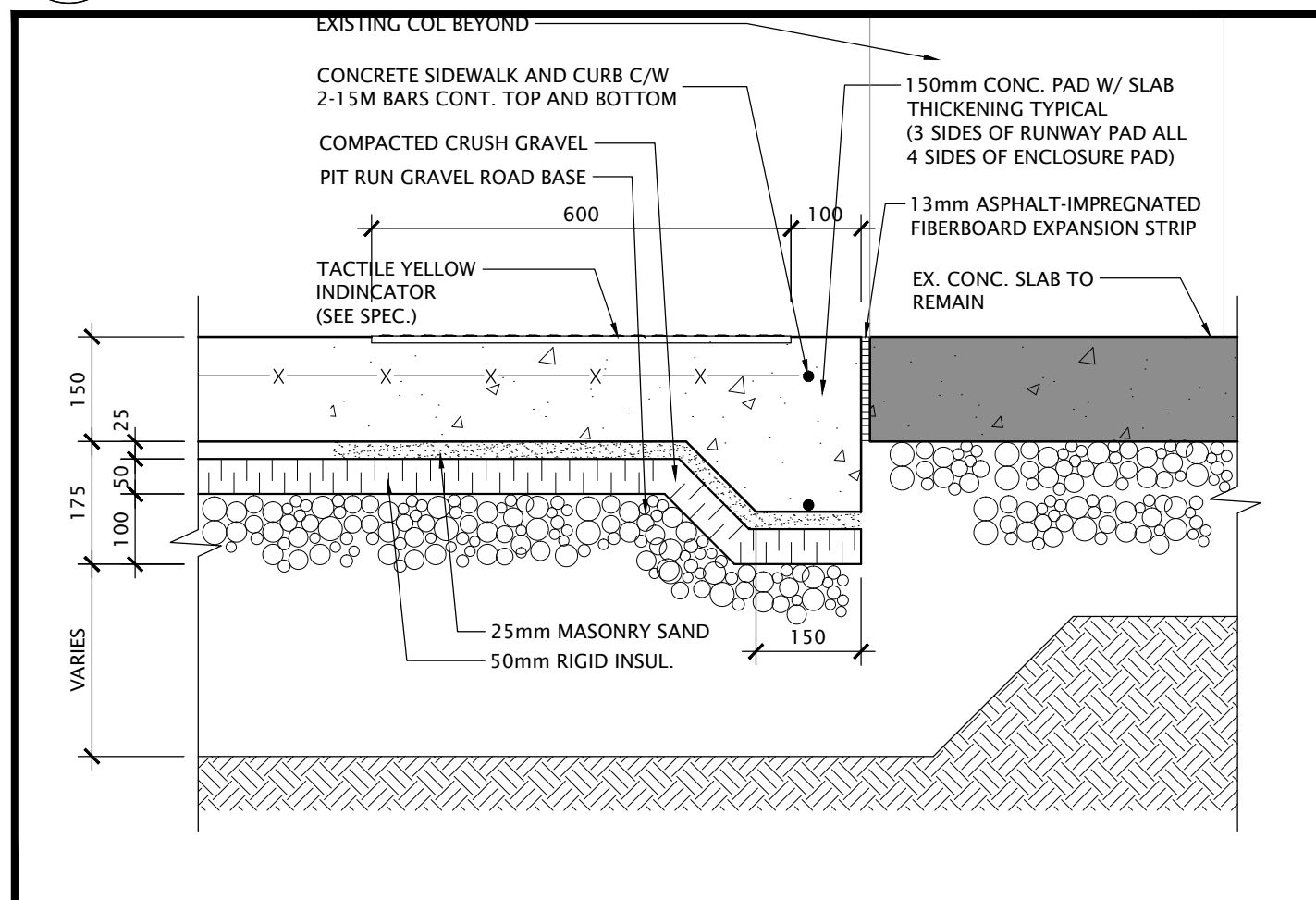
4 NEW ASPHALT PAVING AGAINST EXISTING ASPHALT
SCALE: 1:10



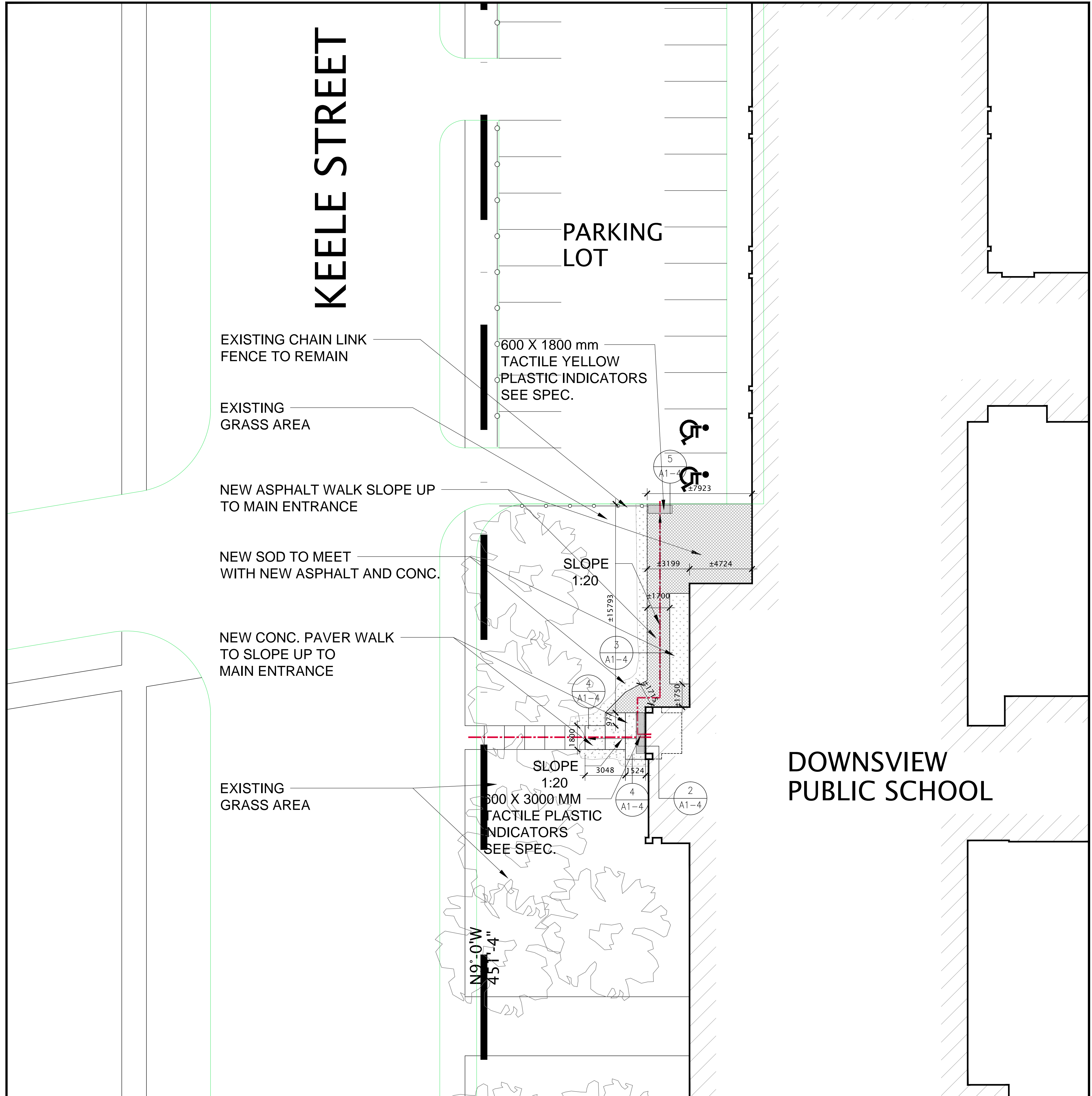
4 CONC. PAVING AND ASPHALT PAVING DETAIL
SCALE: 1:10



3 ASPHALT PAVING AT SOD DETAIL
SCALE: 1:10



2 CONC. PAD AGAINST BUILDING
SCALE: 1:10



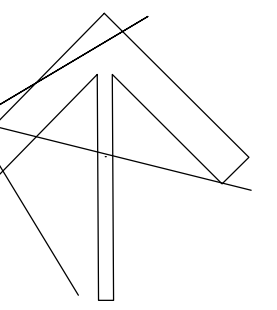
1 ENLARGEMENT NEW SITE PLAN
SCALE: 1:150

NO.	DATE	REVISION
1	26/09/14	ISSUED FOR PERMIT AND TENDER
2	26/09/14	ISSUED FOR CLIENT REVIEW
3	26/09/14	ISSUED FOR CLIENT REVIEW
4	26/09/14	ISSUED FOR CLIENT REVIEW

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110 Cumberland Street, Suite 202
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ph 416.203.7799
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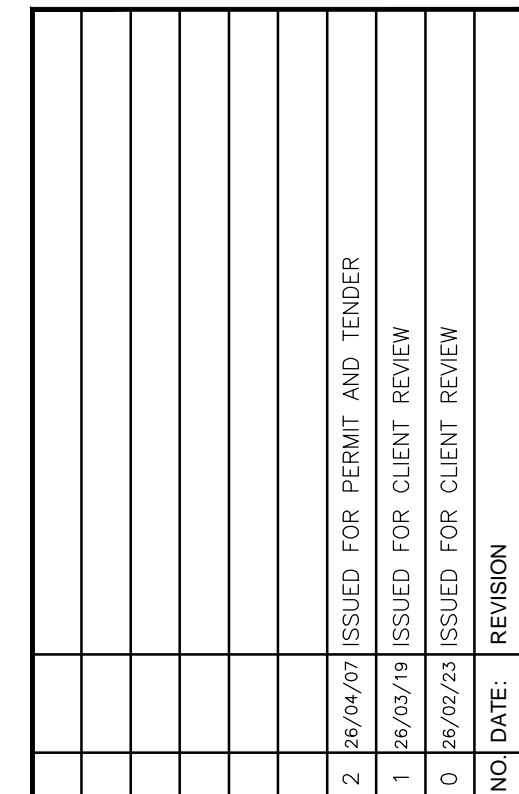
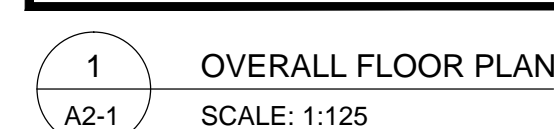


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TR-25-0941
2829 Keele Street, North
North York, Ontario
M3M 2G7

DRAWING TITLE:
NEW ENLARGE SITE PLAN

PROJECT NO: A25005	SCALE: 1:150
DRAWN: K+	DRAWING NO.: REV.
CHECKED: K+	A1-3 2
DATE: DEC. 2025	

FILES: A25002 - A1-3 NEW SITE PLAN.DWG

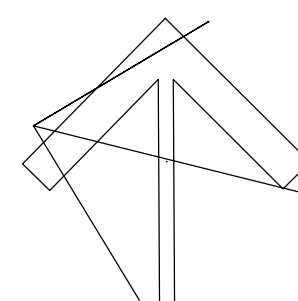


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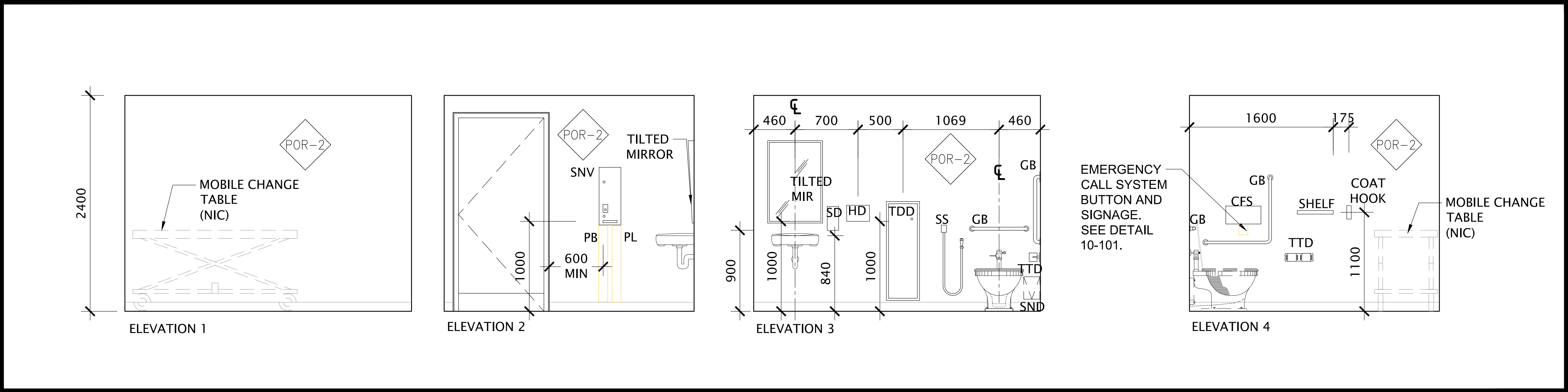
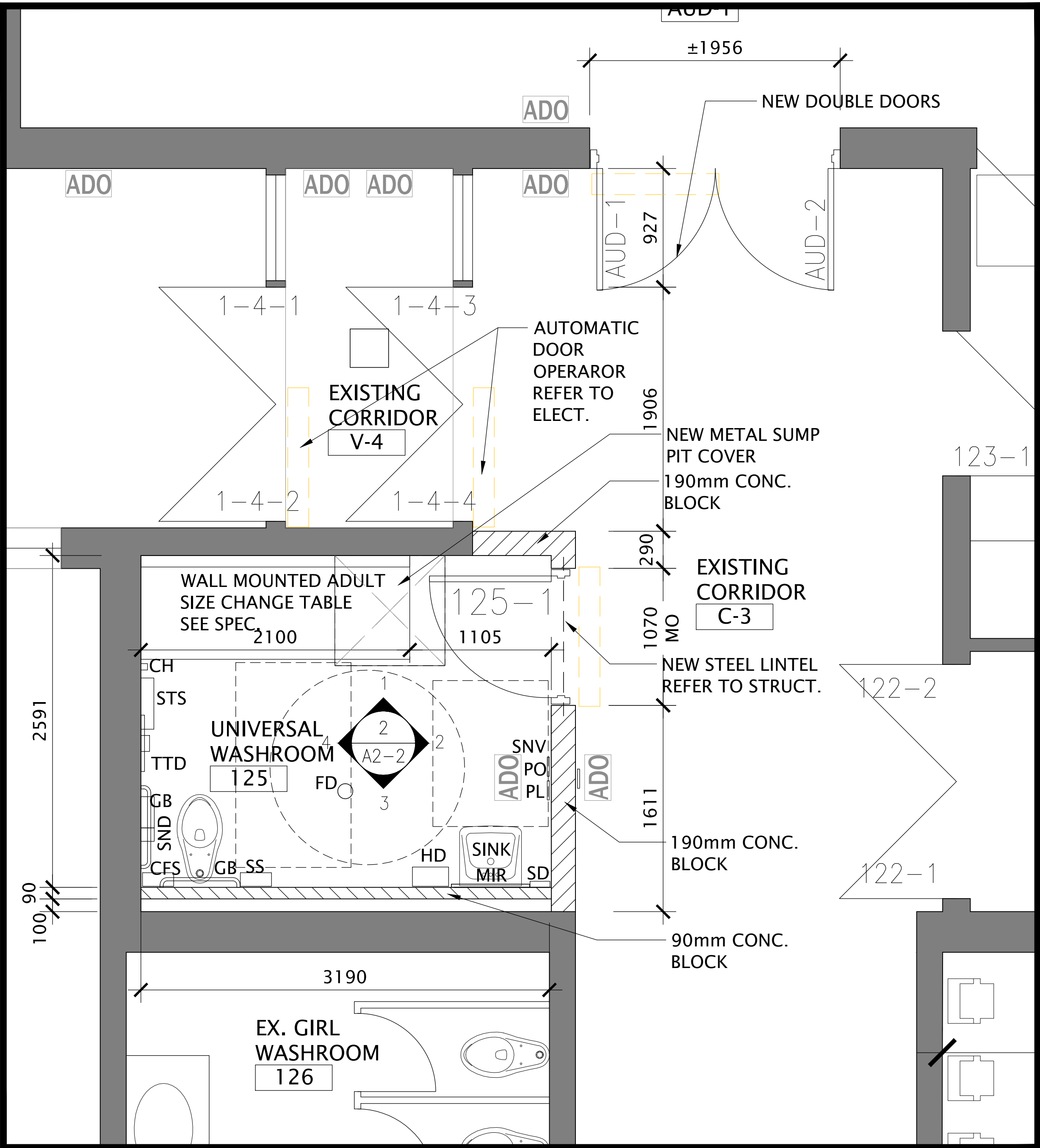
TR-25-0941
2829 Keele Street, North
North York, Ontario
M3M 2G7

DRAWING TITLE:
OVERALL FLOOR PLAN
DEMO AND NEW PLANS
INTERIOR ELEVATION AND
CEILING

PROJECT NO: A25005		SCALE: 1:125	
DRAWN: K+	DRAWING NO:	A2-1	REV. 2
CHECKED: K+			
DATE: DEC. 2025			

FILES: A25002 - A2-1 OVERALL MPLN.DW

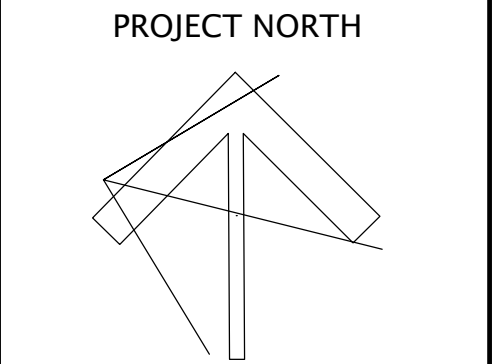
LEGEND-(REFER TO SPECS):	
CFS	CALL FOR ASSISTANCE SYSTEM
CFSI	CALL FOR ASSISTANCE SYSTEM INDICATOR
CK	COAT HOOK
FD	FLOOR DRAIN
FDL	LINEAR FLOOR DRAIN
GR	GARBAGE RECEPTACLE
HD	HAND DRYER
MIR	TILTED MIRROR
OI	OCCUPANCY INDICATOR
PL	PUSH TO LOCK VERTICAL BAR BUTTON
PO	PUSH TO OPEN VERTICAL BAR BUTTON
TDD	PAPER TOWEL DISPENSER AND DISPOSAL
MIR	TILTED MIRROR
SD	SOAP DISPENSER
SND	SANITARY NAPKIN DISPOSAL
SS	SHOWER SPRAY / BED PAN CLEANSER
SNV	SANITARY NAPKIN VENDOR



NO.	DATE	REVISION
1	26/09/23	ISSUED FOR PERMIT AND TENDER
2	26/09/23	ISSUED FOR CLIENT REVIEW
3	26/09/23	ISSUED FOR CLIENT REVIEW
4	26/09/23	ISSUED FOR CLIENT REVIEW
5	26/09/23	ISSUED FOR CLIENT REVIEW
6	26/09/23	ISSUED FOR CLIENT REVIEW
7	26/09/23	ISSUED FOR CLIENT REVIEW
8	26/09/23	ISSUED FOR CLIENT REVIEW
9	26/09/23	ISSUED FOR CLIENT REVIEW
10	26/09/23	ISSUED FOR CLIENT REVIEW

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DRAWING TITLE: NEW UNIVIERAL PLAN INTERIOR ELEVATION		
PROJECT NO: A25005	SCALE: 1:25	
DRAWN: K+	DRAWING NO:	REV.
CHECKED: K+	A2-2	2
DATE: DEC. 2025		

FILES: A25002 - A2-2 NEW WASHROOM.DWG

DATE PLOTTED: Tuesday, April 7, 2026

STEEL LINTELS FOR NON-LOAD BEARING MASONRY WALLS

TD-S01

REINFORCING IS SHOWN ON PLAN OR DETAILS WHERE AT SIDES OF OPENINGS PLUG TO CLEAR LINTEL BEARING.

L178X1026X5 (LLV) = 2x 160 Ø4# H/LT WORK DOLLS 3 ANCHORS PROVIDED MIN 105 mm (4") EMBED. LENGTH LESS THAN MASONRY WALL THICKNESS

LINTEL SUPPORTED BY
POURED CONCRETE ELEMENT

WHERE WALL THICKNESS IS REDUCED BY RECESSES INCLUDE WIDTH IN SPAN

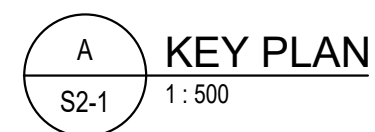
STANDARD ELEVATION

LINTEL SUPPORTED BY STEEL COLUMN

STEEL LINTEL
PROVIDE FULLY GROUTED OR SOLID MASONRY
FULL HEIGHT WHERE PIER IS LESS THAN 100 mm (4") WIDE
WIDE

CONNECTION OF ANGLE TO COLUMN SHALL BE CAPABLE OF SUPPORTING A VERTICAL SHEAR FORCE
VR=20 kN (4.5 kips)

CLEAR SPAN		WALL THICKNESSES			
90 (3 1/2") VENNER		140 (5 1/2")	190 (7 1/2")	240 (9 1/2")	290 (11 3/4")
UP TO 1200 (4'-0")		L189x96x4	2,476x96x4 (LLH)	2,761x1026x4 (LLH)	3,176x96x4 (LLH)
1200 (4'-0") TO 1800 (6'-0")		L178x96x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
1800 (6'-0") TO 2400 (8'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
2400 (8'-0") TO 3000 (10'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
3000 (10'-0") TO 3600 (12'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
3600 (12'-0") TO 4200 (14'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
4200 (14'-0") TO 4800 (16'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
4800 (16'-0") TO 5400 (18'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
5400 (18'-0") TO 6000 (20'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
6000 (20'-0") TO 6600 (22'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
6600 (22'-0") TO 7200 (24'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
7200 (24'-0") TO 7800 (26'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
7800 (26'-0") TO 8400 (28'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
8400 (28'-0") TO 9000 (30'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
9000 (30'-0") TO 9600 (32'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
9600 (32'-0") TO 10200 (34'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
10200 (34'-0") TO 10800 (36'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
10800 (36'-0") TO 11400 (38'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
11400 (38'-0") TO 12000 (40'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
12000 (40'-0") TO 12600 (42'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
12600 (42'-0") TO 13200 (44'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
13200 (44'-0") TO 13800 (46'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
13800 (46'-0") TO 14400 (48'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
14400 (48'-0") TO 15000 (50'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
15000 (50'-0") TO 15600 (52'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
15600 (52'-0") TO 16200 (54'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
16200 (54'-0") TO 16800 (56'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
16800 (56'-0") TO 17400 (58'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
17400 (58'-0") TO 18000 (60'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
18000 (60'-0") TO 18600 (62'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
18600 (62'-0") TO 19200 (64'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
19200 (64'-0") TO 19800 (66'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
19800 (66'-0") TO 20400 (68'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
20400 (68'-0") TO 21000 (70'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
21000 (70'-0") TO 21600 (72'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
21600 (72'-0") TO 22200 (74'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
22200 (74'-0") TO 22800 (76'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
22800 (76'-0") TO 23400 (78'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
23400 (78'-0") TO 24000 (80'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
24000 (80'-0") TO 24600 (82'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
24600 (82'-0") TO 25200 (84'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
25200 (84'-0") TO 25800 (86'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
25800 (86'-0") TO 26400 (88'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
26400 (88'-0") TO 27000 (90'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
27000 (90'-0") TO 27600 (92'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
27600 (92'-0") TO 28200 (94'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
28200 (94'-0") TO 28800 (96'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
28800 (96'-0") TO 29400 (98'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
29400 (98'-0") TO 30000 (100'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
30000 (100'-0") TO 30600 (102'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
30600 (102'-0") TO 31200 (104'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
31200 (104'-0") TO 31800 (106'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
31800 (106'-0") TO 32400 (108'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
32400 (108'-0") TO 33000 (110'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
33000 (110'-0") TO 33600 (112'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
33600 (112'-0") TO 34200 (114'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
34200 (114'-0") TO 34800 (116'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
34800 (116'-0") TO 35400 (118'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
35400 (118'-0") TO 36000 (120'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
36000 (120'-0") TO 36600 (122'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
36600 (122'-0") TO 37200 (124'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
37200 (124'-0") TO 37800 (126'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
37800 (126'-0") TO 38400 (128'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
38400 (128'-0") TO 39000 (130'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
39000 (130'-0") TO 39600 (132'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
39600 (132'-0") TO 40200 (134'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
40200 (134'-0") TO 40800 (136'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
40800 (136'-0") TO 41400 (138'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
41400 (138'-0") TO 42000 (140'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
42000 (140'-0") TO 42600 (142'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
42600 (142'-0") TO 43200 (144'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
43200 (144'-0") TO 43800 (146'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
43800 (146'-0") TO 44400 (148'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
44400 (148'-0") TO 45000 (150'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
45000 (150'-0") TO 45600 (152'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
45600 (152'-0") TO 46200 (154'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
46200 (154'-0") TO 46800 (156'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
46800 (156'-0") TO 47400 (158'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
47400 (158'-0") TO 48000 (160'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
48000 (160'-0") TO 48600 (162'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
48600 (162'-0") TO 49200 (164'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
49200 (164'-0") TO 49800 (166'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
49800 (166'-0") TO 50400 (168'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
50400 (168'-0") TO 51000 (170'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
51000 (170'-0") TO 51600 (172'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
51600 (172'-0") TO 52200 (174'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
52200 (174'-0") TO 52800 (176'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
52800 (176'-0") TO 53400 (178'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
53400 (178'-0") TO 54000 (180'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
54000 (180'-0") TO 54600 (182'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
54600 (182'-0") TO 55200 (184'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
55200 (184'-0") TO 55800 (186'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
55800 (186'-0") TO 56400 (188'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
56400 (188'-0") TO 57000 (190'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
57000 (190'-0") TO 57600 (192'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
57600 (192'-0") TO 58200 (194'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
58200 (194'-0") TO 58800 (196'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
58800 (196'-0") TO 59400 (198'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
59400 (198'-0") TO 60000 (200'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
60000 (200'-0") TO 60600 (202'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026x4 (LLV)	3,176x96x4 (LLV)
60600 (202'-0") TO 61200 (204'-0")		L127x89x4 (LLV)	2,476x96x4 (LLV)	2,761x1026	



1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL NEW BELOW SLAB SERVICES AND TRENCHING REQUIREMENTS. LOCALLY REMOVE THE SLAB-ON-GRADE AS REQUIRED FOR INSTALLATION OF SUCH SERVICES. MAKE GOOD SLAB-ON-GRADE PER TYPICAL DETAILS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR FULL EXTENT OF DEMOLITION AND ALL OPENING SIZES.
3. MAKE GOOD ALL EXTERIOR AND INTERIOR FINISHES IMPACTED BY THE WORKS AS PER THE ARCHITECT'S AND OWNER'S REQUIREMENTS.



1. REFER TO ARCHITECTURAL DRAWINGS FOR FULL EXTENT OF DEMOLITION AND ALL OPENING SIZES. PROVIDE CLEAN SAW CUT AND CORE LINES AT ALL NEW ARCHITECTURAL AND MECHANICAL OPENINGS. MAKE GOOD ALL DAMAGED BLOCK/BRICK ADJACENT TO OPENINGS TO THE ARCHITECT'S AND OWNER'S REQUIREMENTS, UNLESS OTHERWISE NOTED ON PLAN. PROVIDE STEEL LINTELS ABOVE ALL NEW OPENINGS IN ACCORDANCE WITH TYPICAL DETAILS. REFER TO ARCHITECTURAL/MECHANICAL DRAWINGS FOR NUMBER AND LOCATION OF ALL NEW OPENINGS.
3. MAKE GOOD ALL EXTERIOR AND INTERIOR FINISHES IMPACTED BY THE WORKS AS PER THE ARCHITECT'S AND OWNER'S REQUIREMENTS.

e| engineeringlink
building envelope & structure

375 University Ave., Suite 901
Toronto, ON M5G 2J5
416-599-(L)INK 5465
www.engineeringlink.ca

Project No. 26-1381

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Professional Seal



Kingsland +
ARCHITECTS INC.

KINGSLAND + ARCHITECTS INC
110 Cumberland Street, Suite 262
Toronto, Ontario M5R 3V5
ph 416.203.7799
fax 416.203.7763



Downsview
Public School
ACCESSIBILITY UPGRADES
TDSB
2829 Keele,
North York, Ontario
M3M 2G7

DRAWING TITLE:

FRAMING PLANS

PROJECT NO: A25005		SCALE: AS NOTED	
DRAWN: AQV		DRAWING No:	REV.
CHECKED: CN / MH		S2-1	1
DATE: FEB. 2026			

DATE DICTATED:	Tuesday	March 31	2026
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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

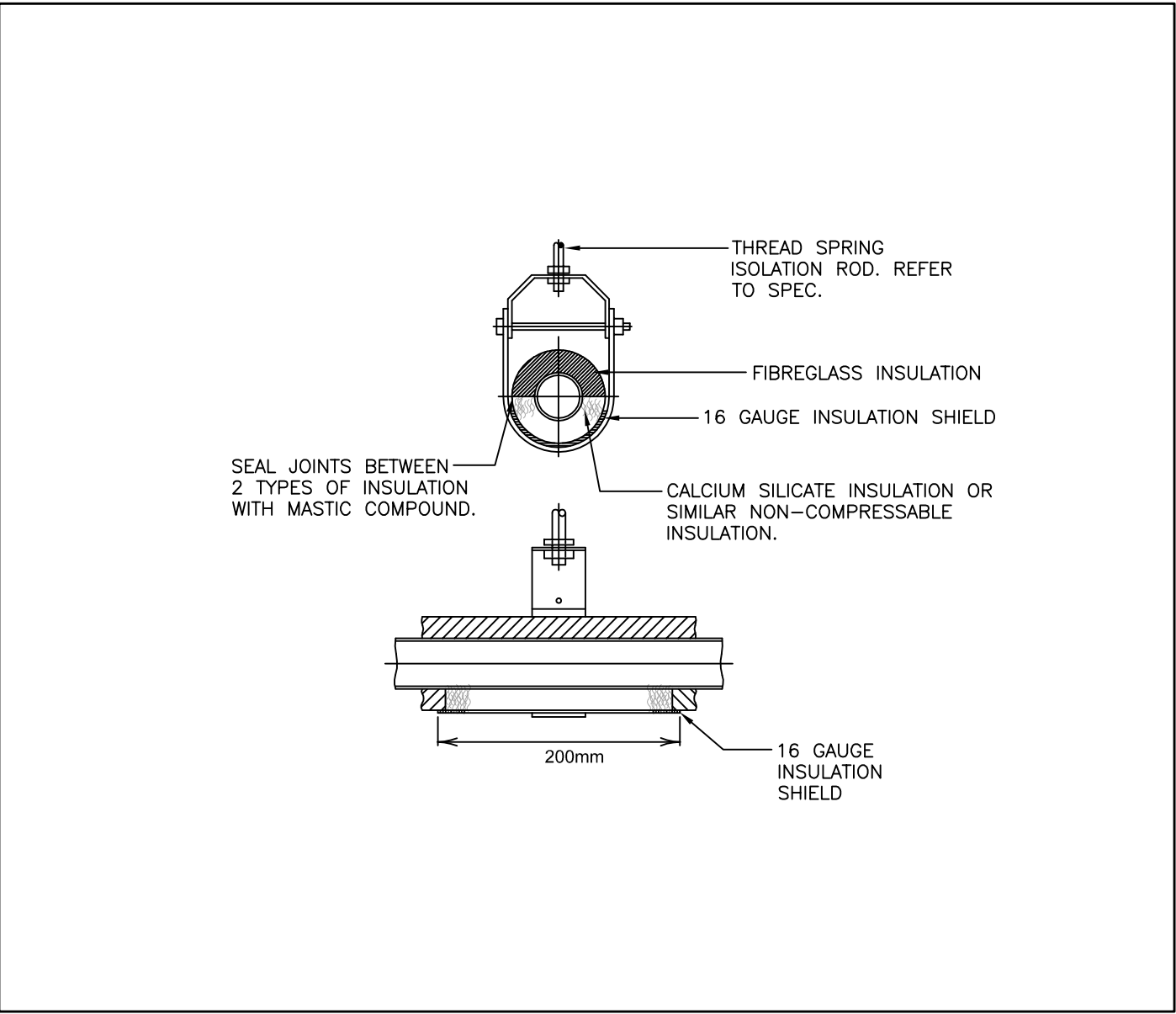
MECHANICAL LEGEND	
HEATING, VENTILATION AND AIR CONDITIONING (HVAC)	
	WALL FIN HEATER A DENOTES TYPE 5000 DENOTES HEAT OUTPUT IN WATTS 0.11 DENOTES FLOW RATE IN L/S
	FORCED FLOW HEATER FFH-A DENOTES TYPE REFER TO FORCED FLOW HEATER SCHEDULE FOR HEAT OUTPUT AND FLOW RATE
	VAV BOX
	GRILLE SIZE GRILLE TYPE 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	SUPERVEISED 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.

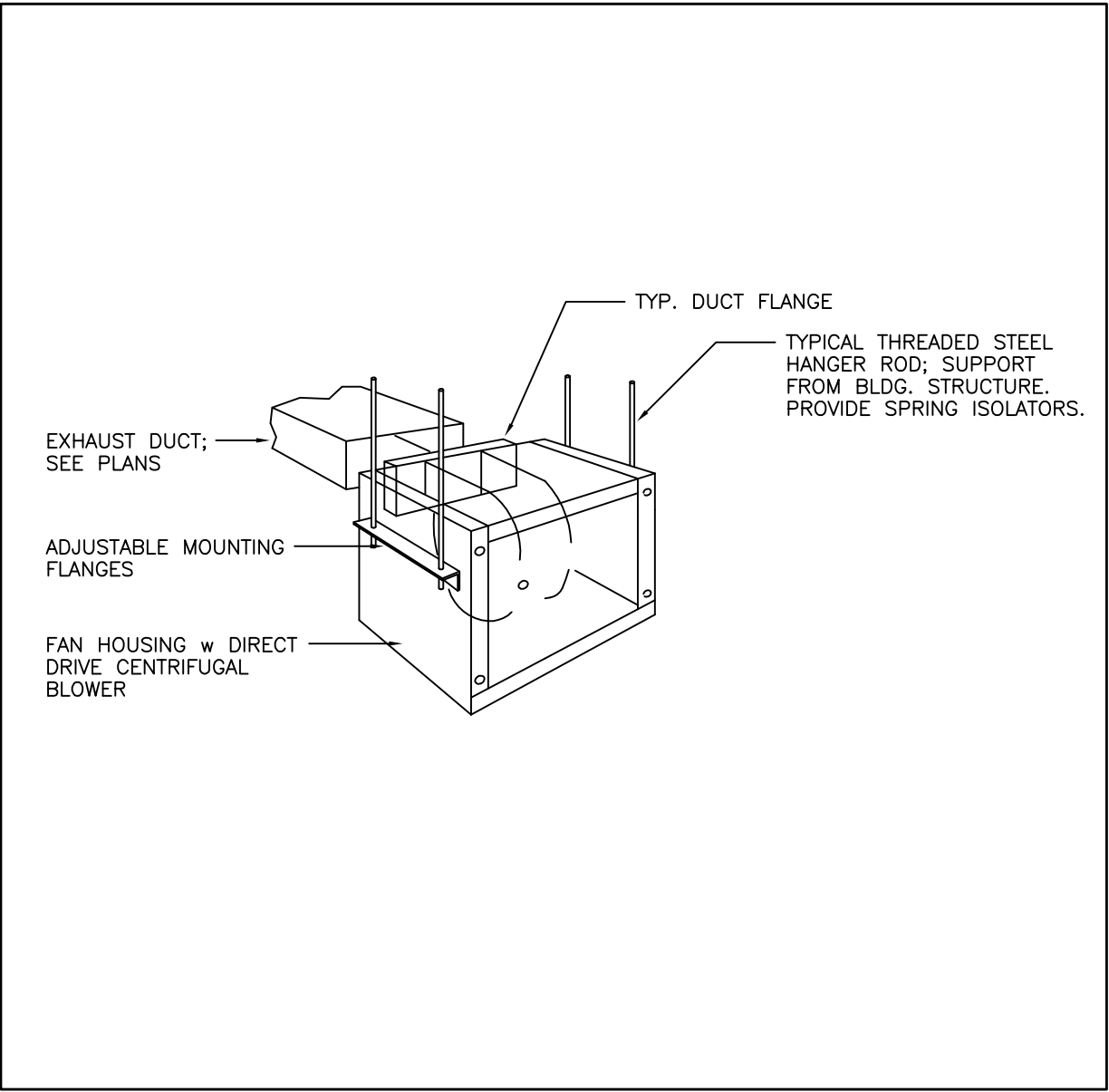
DRAWING LIST	
DRAWING NUMBER	DESCRIPTION
M1	MECHANICAL LEGEND AND NOTES
M2	FIRST FLOOR KEY PLAN
M3	MECHANICAL PART PLANS

- 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.



1 PIPING SUPPORT HANGER INSTALLATION DETAIL
M1 SCALE: N.T.S.



2 CEILING FAN INSTALLATION DETAIL
M1 SCALE: N.T.S.

CONSULTANTS LOGO

SURI & ASSOCIATES LTD.
ENGINEERING CONSULTANTS

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

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2	APR. 6/26	ISSUED FOR PERMIT/TENDER
1	MAR. 9/26	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

Downsview
Public School
2829 Keele Street
Toronto, Ontario. M3M 2G7

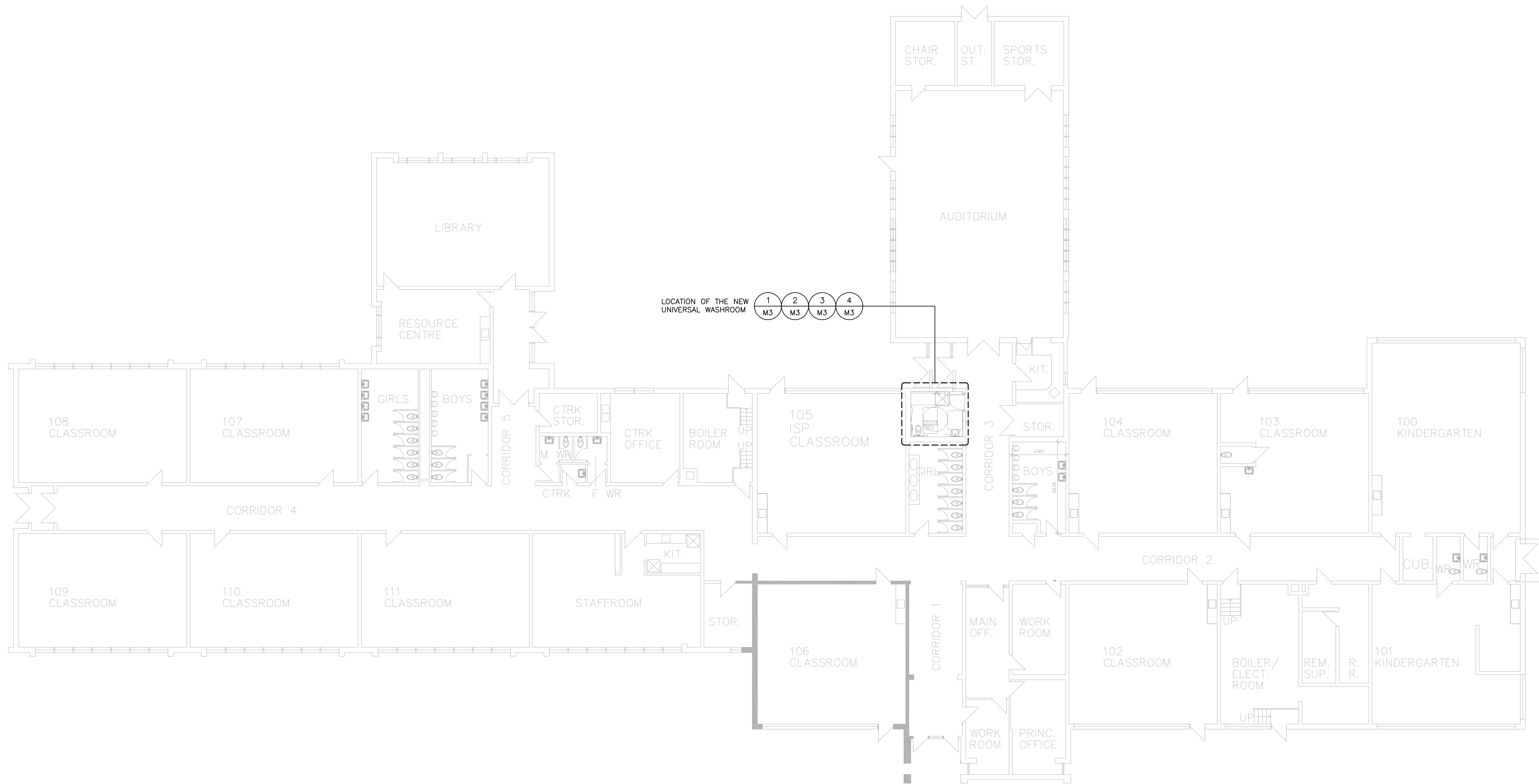
PROJECT

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	



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ENGINEERING CONSULTANTS

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

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2	APR. 6/26	ISSUED FOR PERMIT/TENDER
1	MAR. 9/26	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

Downsview
Public School
2829 Keele Street
Toronto, Ontario. M3M 2G7

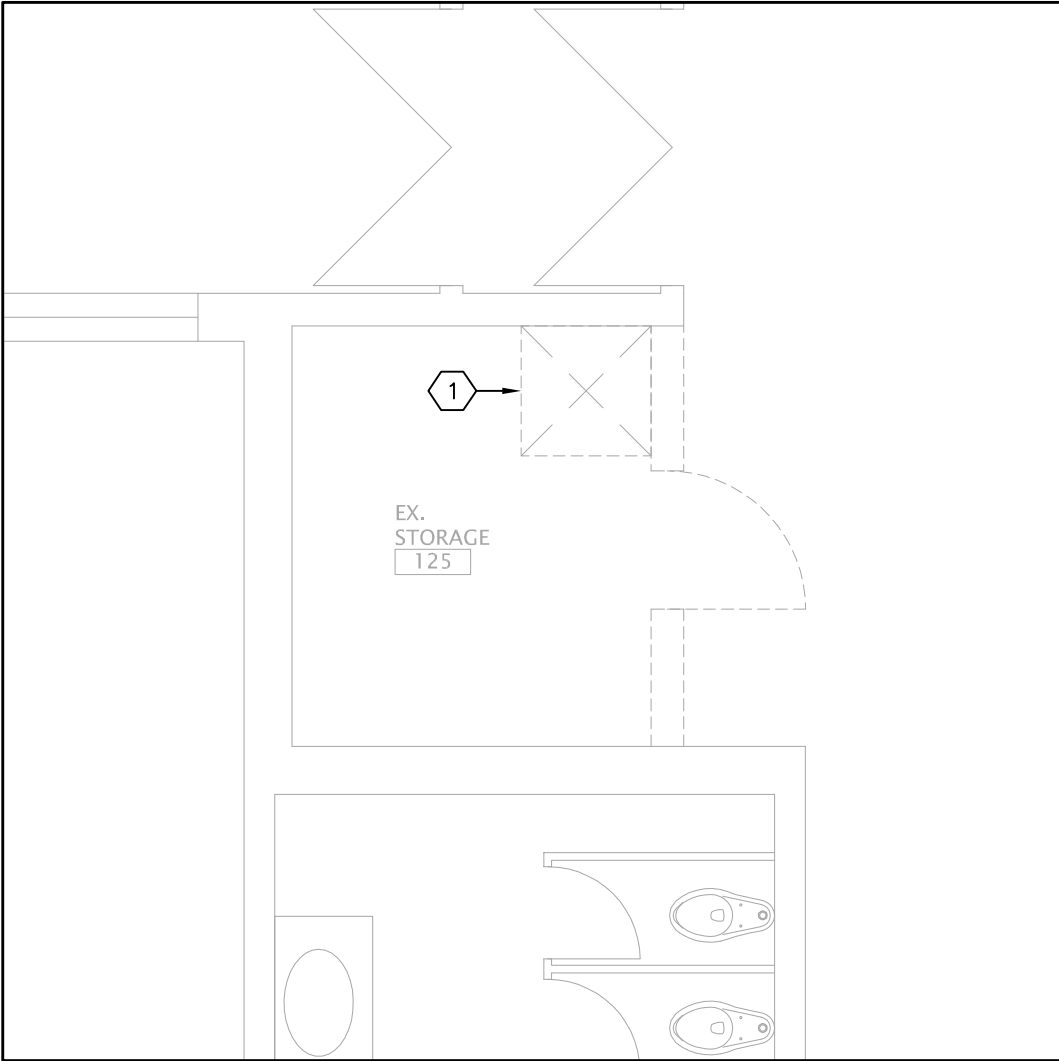
PROJECT

ACCESSIBILITY UPGRADES

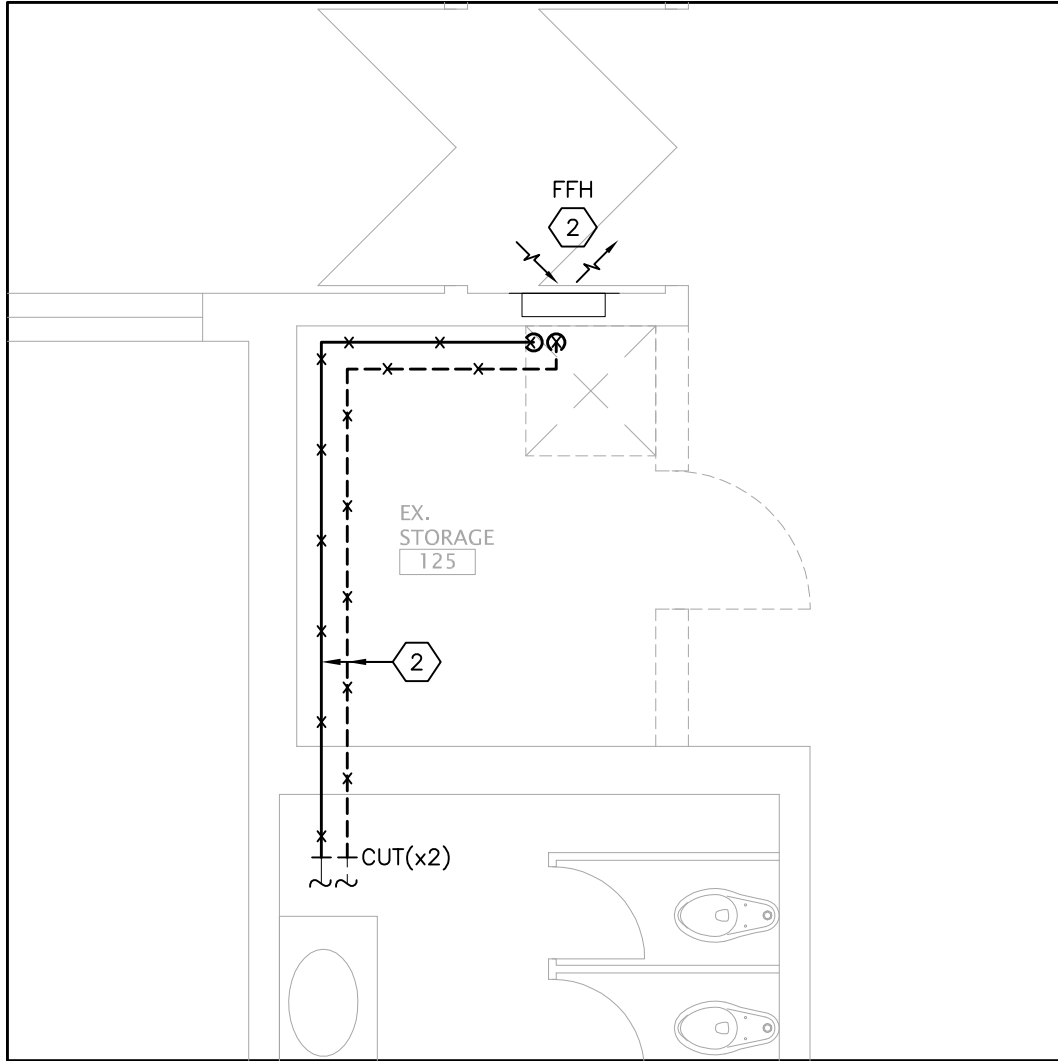
DRAWING TITLE

FIRST FLOOR KEY PLAN

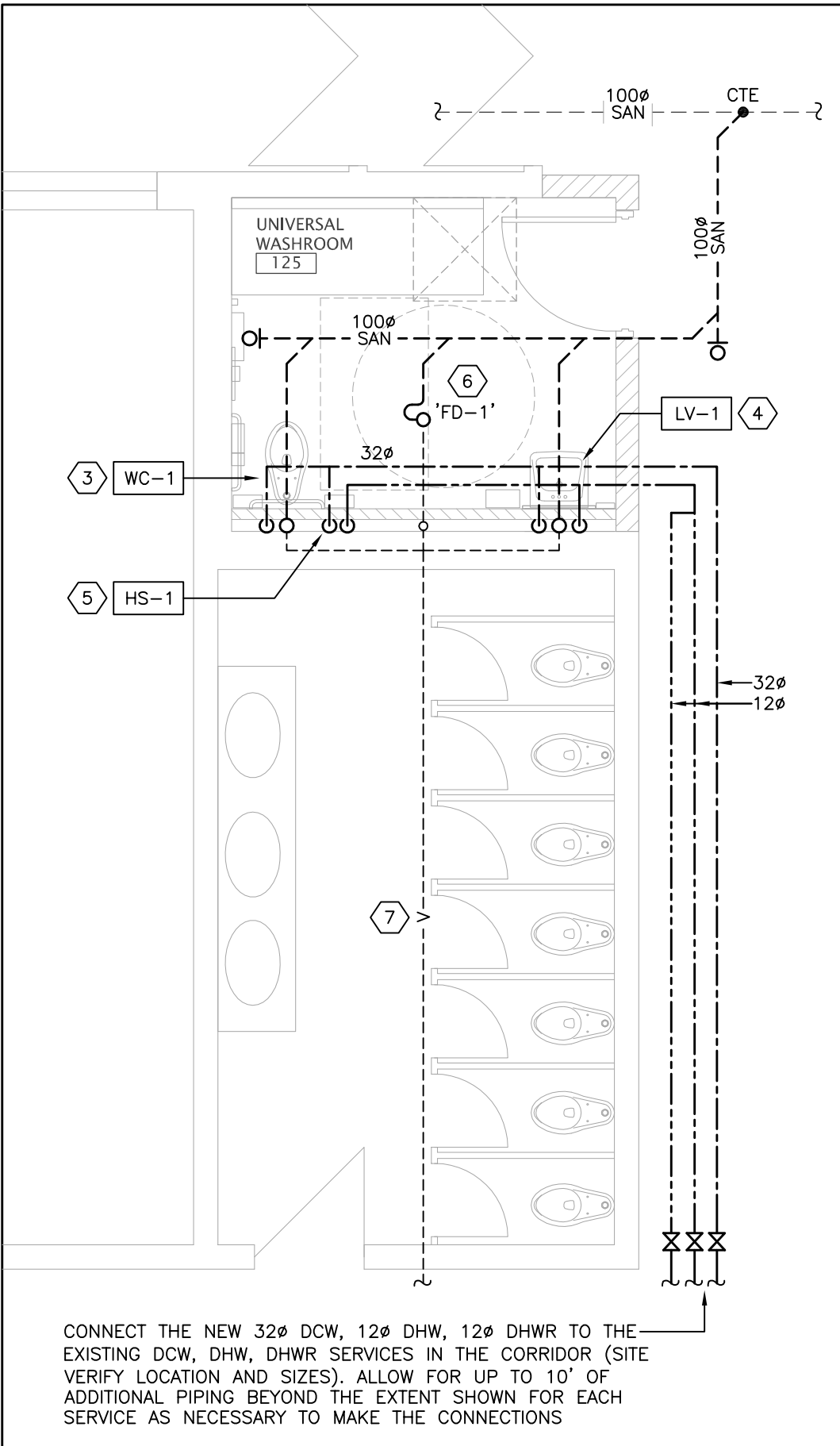
TDSB PROJECT No:	TR–25–XXXX	DRAWING No
DATE:	FEBRUARY 2026	M2
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	



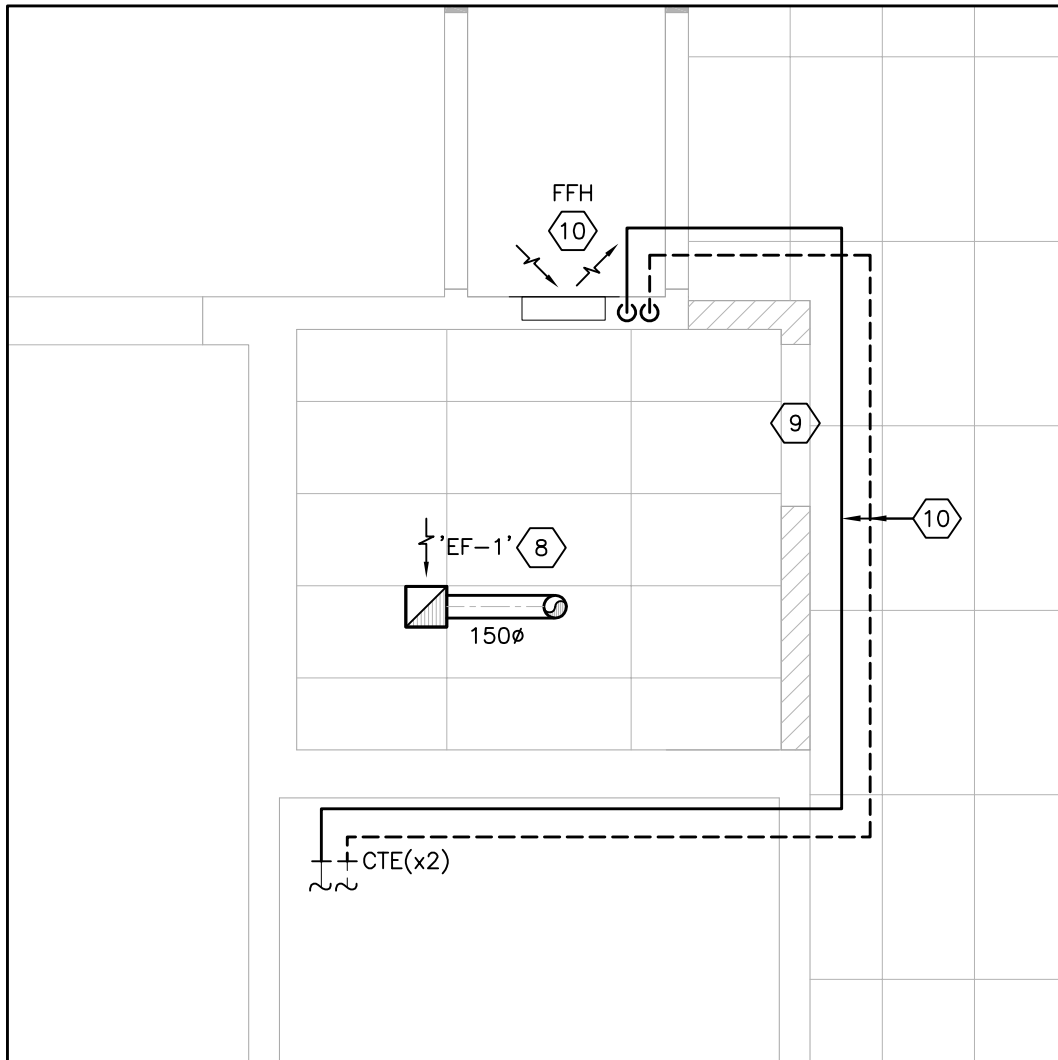
1 WASHROOM – EXISTING PLUMBING & DRAINAGE PLAN
M3 SCALE: 1:50



2 WASHROOM – EXISTING HVAC PLAN
M3 SCALE: 1:50



3 WASHROOM – NEW PLUMBING & DRAINAGE PLAN
M3 SCALE: 1:50



4 WASHROOM – NEW HVAC PLAN
M3 SCALE: 1:50

DRAWING NOTES:

- EXISTING SUMP PIT. THE CONTRACTOR SHALL THOROUGHLY INVESTIGATE AND SCOPE THE EXISTING PIT, SUMP PUMPS (PUMP HEAD, HP, FLOW RATE) AND INCOMING/OUTGOING PIPING TO IDENTIFY WHAT THE SUMP PIT SERVES (STORM, SANITARY). PROVIDE A THOROUGH REPORT TO THE ENGINEER FOR FURTHER DIRECTION. REFER TO ARCHITECTURAL DRAWINGS FOR COVER ALTERATIONS TO SUIT THE NEW FIT-UP.
- DEMOLISH THE EXISTING 50# (SITE VERIFY SIZE) HEATING SUPPLY AND RETURN PIPING SERVING THE FORCED FLOW HEATER IN THE VESTIBULE TO THE EXTENT SHOWN. RE-ROUTE PIPING AS SHOWN. DEMOLISH AND RE-BUILD WALL AS REQUIRED TO FACILITATE CONCEALING OF THE PIPING IN THE WALL – SEE ARCHITECTURAL DRAWINGS. TEMPORARILY REMOVE THE FORCED FLOW HEATER AS REQUIRED; REINSTATE AT THE COMPLETION OF WORK. DISCONNECT AND RECONNECT ALL CONTROL WIRING AS REQUIRED. REUSE ALL VALVES AND ACCESSORIES.
- PROVIDE NEW 25# DCW, 75# SANITARY, 38# VENT TO SERVE THE NEW WATER CLOSET ('WC-1').
- PROVIDE NEW 12# H&CW, 32# SANITARY, 32# VENT TO SERVE THE NEW LAVATORY ('LV-1').
- PROVIDE NEW 12# 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).
- PROVIDE NEW 75# SANITARY, 38# VENT TO SERVE THE NEW FLOOR DRAIN ('FD-1'). PROVIDE TRAP SEAL PRIMER.
- PROVIDE 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.
- PROVIDE A NEW EXHAUST FAN OF TYPE NOTED AND SCHEDULED. PROVIDE NEW 150# DUCTWORK UP TO THE ROOF. INSULATE THE FULL LENGTH OF DUCTWORK.
- PROVIDE 12mm UNDERCUT FOR THE NEW UNIVERSAL WASHROOM DOOR.
- PROVIDE NEW 50# (SITE VERIFY SIZE) HEATING SUPPLY AND RETURN PIPING TO SERVE THE EXISTING FORCED FLOW HEATER IN THE VESTIBULE TO THE EXTENT SHOWN. RE-ROUTE PIPING AS SHOWN. DEMOLISH AND RE-BUILD WALL AS REQUIRED TO FACILITATE CONCEALING OF THE PIPING IN THE WALL – SEE ARCHITECTURAL DRAWINGS. TEMPORARILY REMOVE THE FORCED FLOW HEATER AS REQUIRED; REINSTATE AT THE COMPLETION OF WORK. DISCONNECT AND RECONNECT ALL CONTROL WIRING AS REQUIRED. REUSE ALL VALVES AND ACCESSORIES.

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.

FAN SCHEDULE											
EQUIPMENT DESIGNATION	MANUFACTURER	MODEL NO.	SERVICE	FAN TYPE	AIRFLOW (L/S)	ESP (Pa)	UNIT SIZE (WxLxH) mm	UNIT WEIGHT (KG)	CONTROLLED BY	VOLTAGE MOCP	NOTES
EF-1	GREENHECK OR EQUAL	SP-A90-130-VG	NEW UNIVERSAL WASHROOM	CEILING-MOUNTED FAN	61	95	337x270x229	5.0	WALL SWITCH (BY DIVISION 26)	120V/1ø/60 15A	C/W CEILING RADIATION DAMPER AND VIBRATION ISOLATION KIT

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. 6/26	ISSUED FOR PERMIT/TENDER
1	MAR. 9/26	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

Downsview
Public School
2829 Keele Street
Toronto, Ontario. M3M 2G7

PROJECT

ACCESSIBILITY UPGRADES

DRAWING TITLE

MECHANICAL PART PLANS

TDSB PROJECT No:	TR-25-XXXX	DRAWING No
DATE:	FEBRUARY 2026	M3
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	

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 CABLE TO THE HUB RACK
	TELEPHONE OUTLET MOUNTED AT STANDARD HEIGHT COMPLETE WITH CATEGORY 6, FT6 CABLE TO THE TELEPHONE SWITCH
	DATA OUTLET MOUNTED AT HIGH LEVEL COMPLETE WITH CATEGORY 6, FT6 CABLE TO THE HUB RACK
	TELEPHONE OUTLET MOUNTED AT HIGH LEVEL COMPLETE WITH CATEGORY 6, FT6 CABLE TO THE TELEPHONE SWITCH
	WIRELESS ACCESS POINT COMPLETE WITH CATEGORY 6, FT6 CABLE 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
	ALIPHONE MASTER STATION
	ALIPHONE SUB-MASTER STATION
	ALIPHONE 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 CABLEING

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
	P.A. PRIVACY CALL SWITCH
	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 LEGEND	
ACRONYM	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
C/E	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 & 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 RECEPTABLES. 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, RECEPTABLES AND JUNCTION BOXES COVERPLATES WITH THE PANEL NAME AND BREAKER IT IS FED FROM. ALL LABELING OF ELECTRICAL 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	ELECTRICAL PART PLANS
E4	FIRE ALARM SYSTEM REPLACEMENT - NOTES
E5	FIRE ALARM SYSTEM REPLACEMENT ZONING SCHEDULE & SCHEMATICS
E6	FIRST FLOOR - EXISTING/DEMOLITION FIRE ALARM SYSTEM PLAN
E7	FIRST FLOOR - NEW FIRE ALARM SYSTEM PLAN
E8	ROOF - NEW FIRE ALARM SYSTEM PLAN

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.	

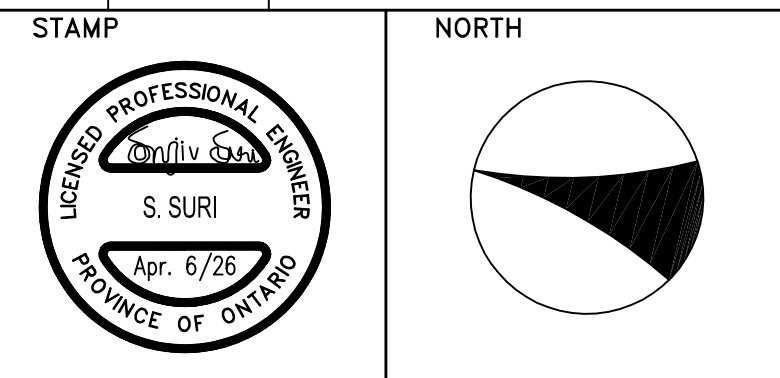
S1001 INTEGRATED TESTING	
THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR RETAINING A ULC-LISTED INTEGRATED TESTING PROVIDER TO COMPLETE CAN/ULC-S1001 INTEGRATED TESTING FOR ALL FIRE ALARM WORK COMPLETED AS PART OF THIS PROJECT. THE INTEGRATED TESTING COORDINATOR RESPONSIBLE FOR COMPLETING THE INTEGRATED 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.	

DATA & TELEPHONE TERMINATIONS	
FOR THIS PROJECT, ALL DATA AND TELEPHONE TERMINATIONS, JACKING, TESTING AND LABELED IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.	
SEE DIVISION 27 SPECIFICATIONS FOR FURTHER DETAILS.	

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

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STAMP		NORTH



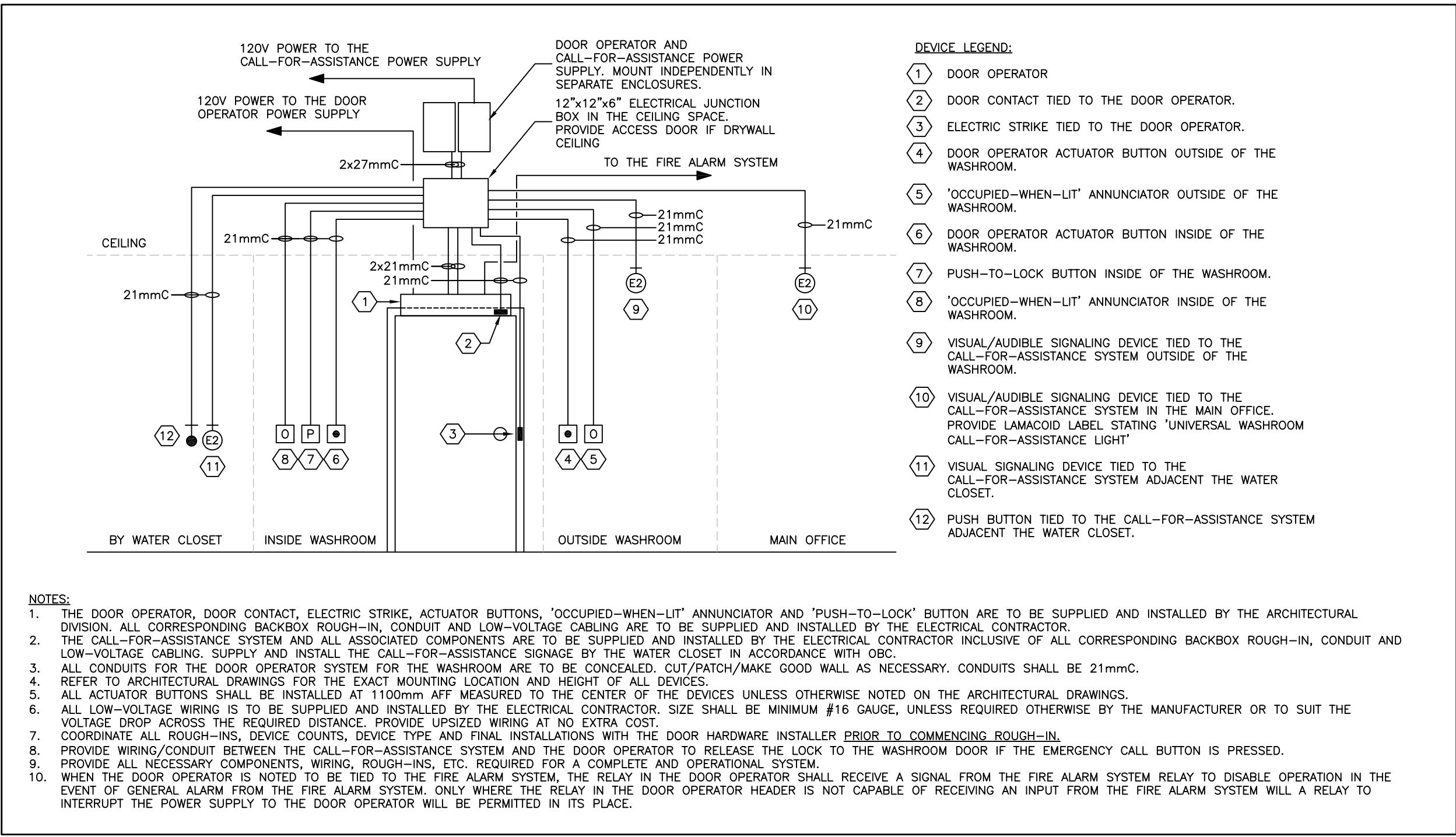


Toronto District School Board
Facility Services Department
Design & Construction Division
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

LOCATION	
Downsview Public School 2829 Keele Street Toronto, Ontario. M3M 2G7	

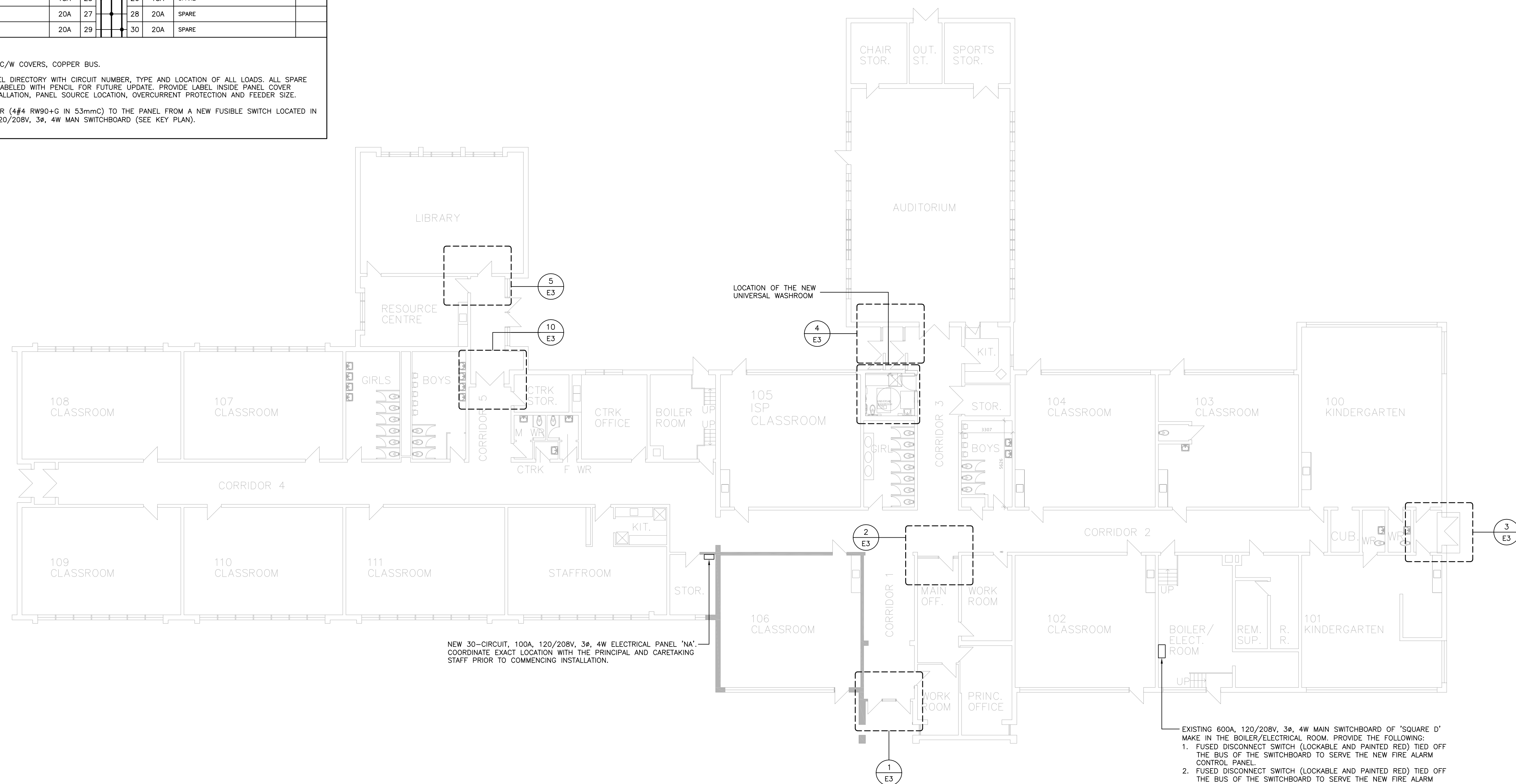
PROJECT	
ACCESSIBILITY UPGRADES	
DRAWING TITLE	
ELECTRICAL LEGEND AND NOTES	
TDSB PROJECT No:	TR-25-XXXX
DATE:	FEBRUARY 2026
SCALE:	AS NOTED
DRAWING BY:	RS
APPROVED BY:	SS

E1



1 UNIVERSAL WASHROOM DOOR OPERATOR & EMERGENCY CALL-FOR-ASSISTANCE SYSTEM TYPICAL SCHEMATIC
E1 SCALE: N.T.S.

NEW PANEL 'NA' 120V/208V, 3PH, 4W		TYPE: 1 MAINS: 60A MAIN BKR: 60A-3P		MOUNTING: SURFACE-MOUNTED LOCATION: SEE KEY PLAN	
WATTS	DESCRIPTION	PROT.	CIRCUITS		WATTS
	DOOR OPERATORS	15A	1	2	15A
	DOOR OPERATORS	15A	3	4	15A
	HOLD OPEN DEVICES	15A	5	6	15A
	UWR DOOR OPERATOR/ CALL-FOR-ASSISTANCE SYSTEM	15A	7	8	15A
	UWR LIFT TRACK RECEPTACLE	15A	9	10	15A
	SPARE	15A	11	12	15A
	SPARE	15A	13	14	15A
	SPARE	15A	15	16	15A
	SPARE	15A	17	18	15A
	SPARE	15A	19	20	15A
	SPARE	15A	21	22	15A
	SPARE	15A	23	24	15A
	SPARE	15A	25	26	15A
	SPARE	20A	27	28	20A
	SPARE	20A	29	30	20A


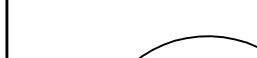


1 FIRST FLOOR KEY PLAN
E2 SCALE: 1:150

CONSULTANTS LOGO

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. 6/26	ISSUED FOR PERMIT/TENDER
1	MAR. 9/26	ISSUED FOR COORDINATION
No.	DATE	DESCRIPTION

<p>STAMP</p> 	<p>NORTH</p> 
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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
<p>Downsview Public School 2829 Keele Street Toronto, Ontario. M3M 2G7</p>

PROJECT
ACCESSIBILITY UPGRADES

DRAWING TITLE
FIRST FLOOR KEY PLAN

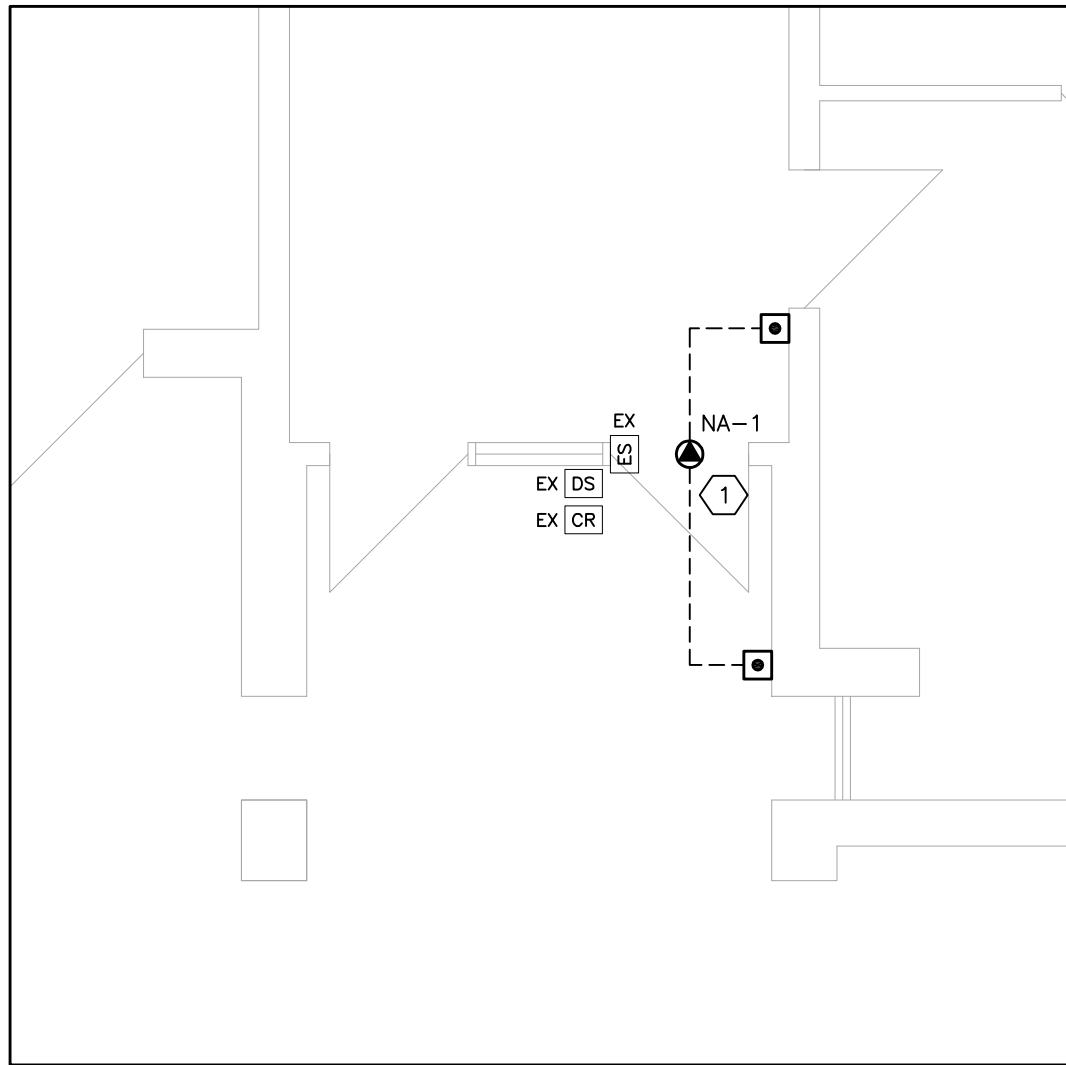
TDSB PROJECT No: TR-25-XXXX	DRAWING
DATE:	

DATE:	FEBRUARY 2026
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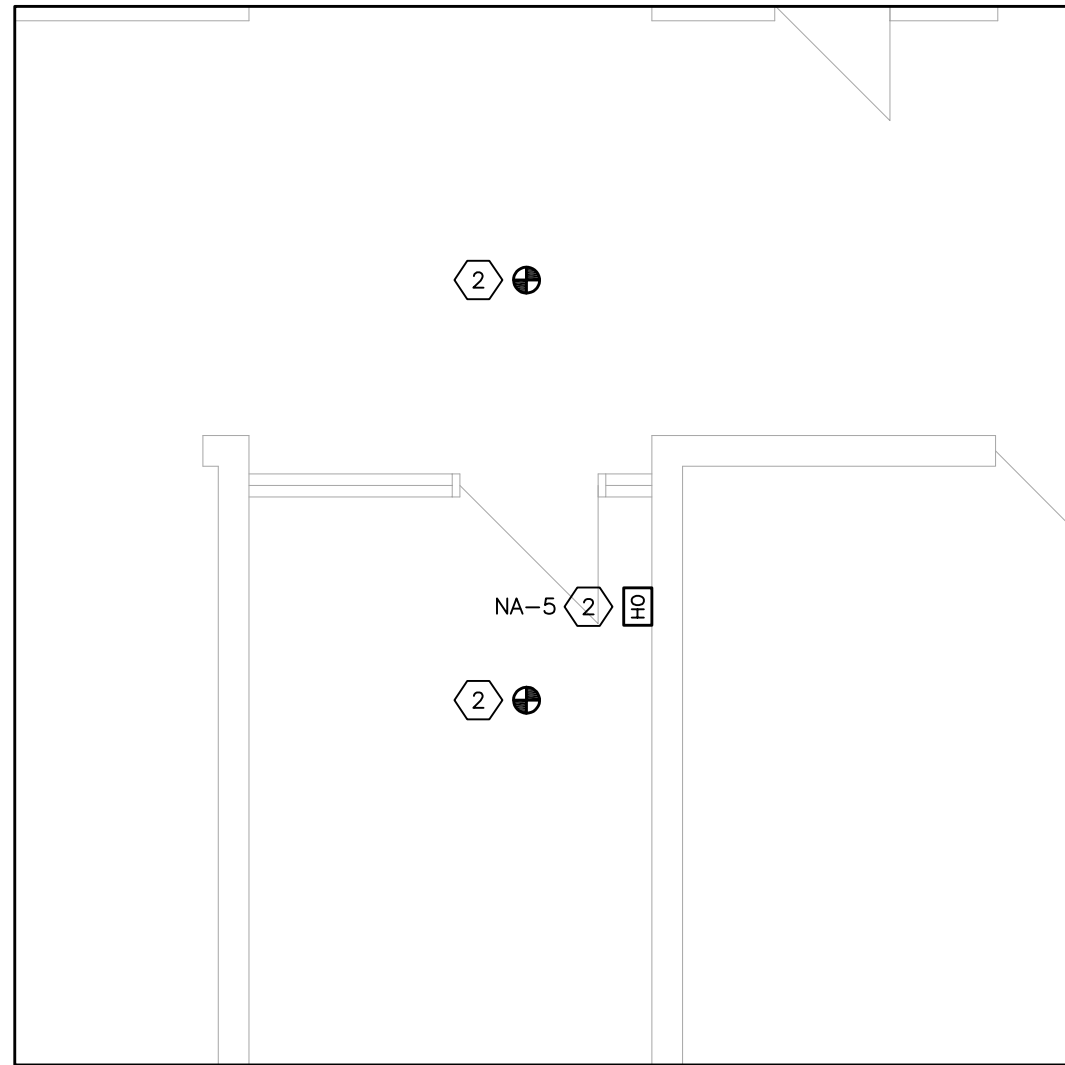
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AS NOTED	E2
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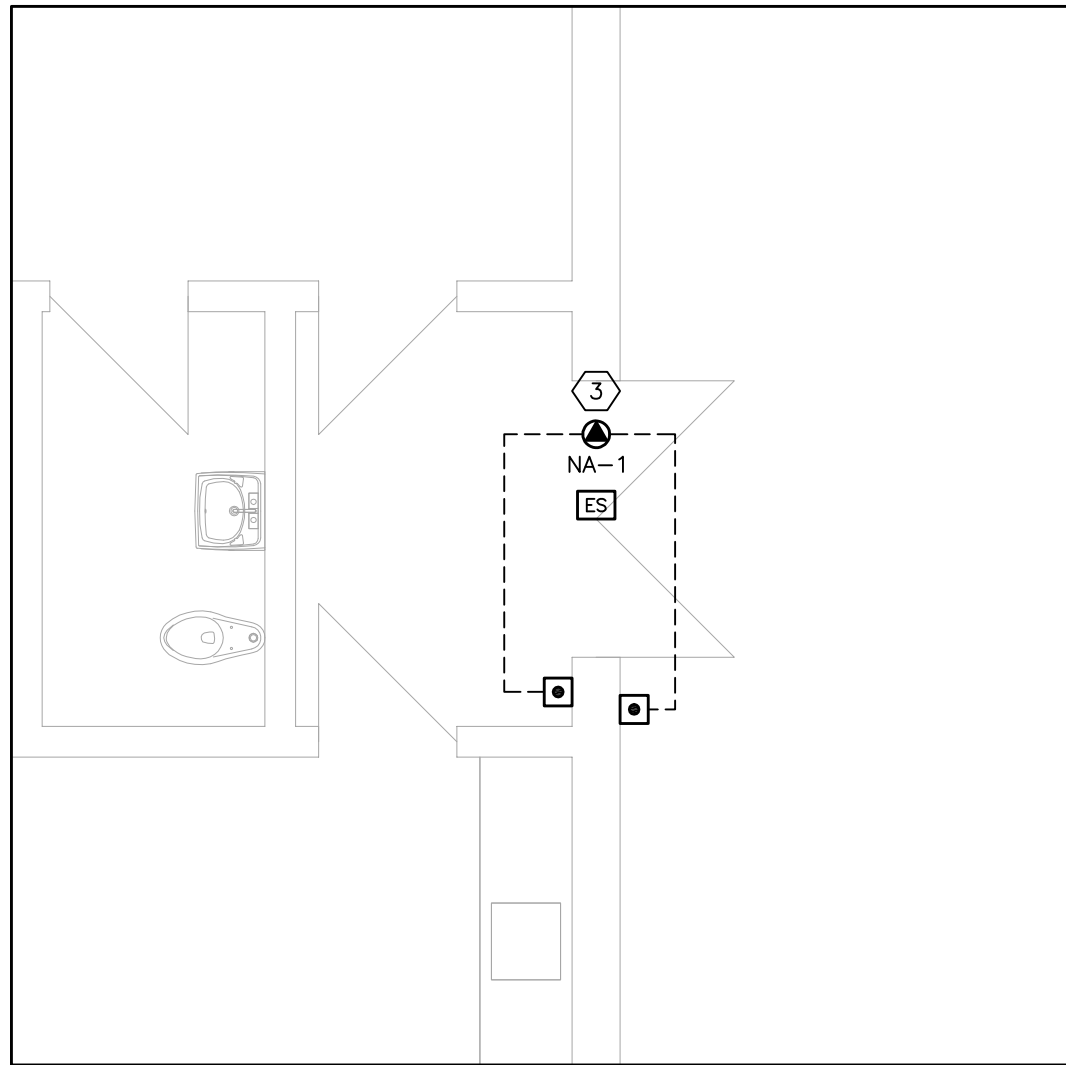
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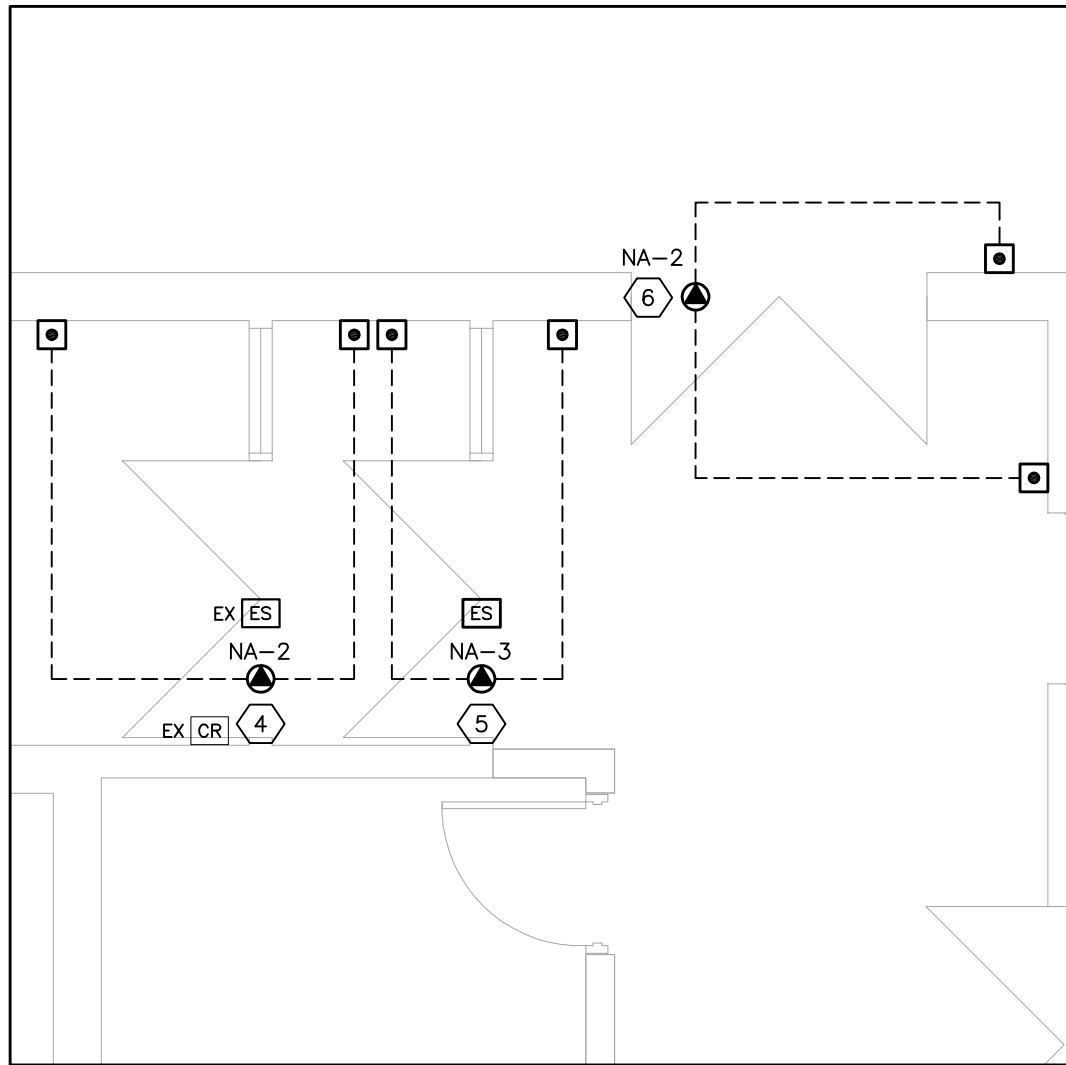
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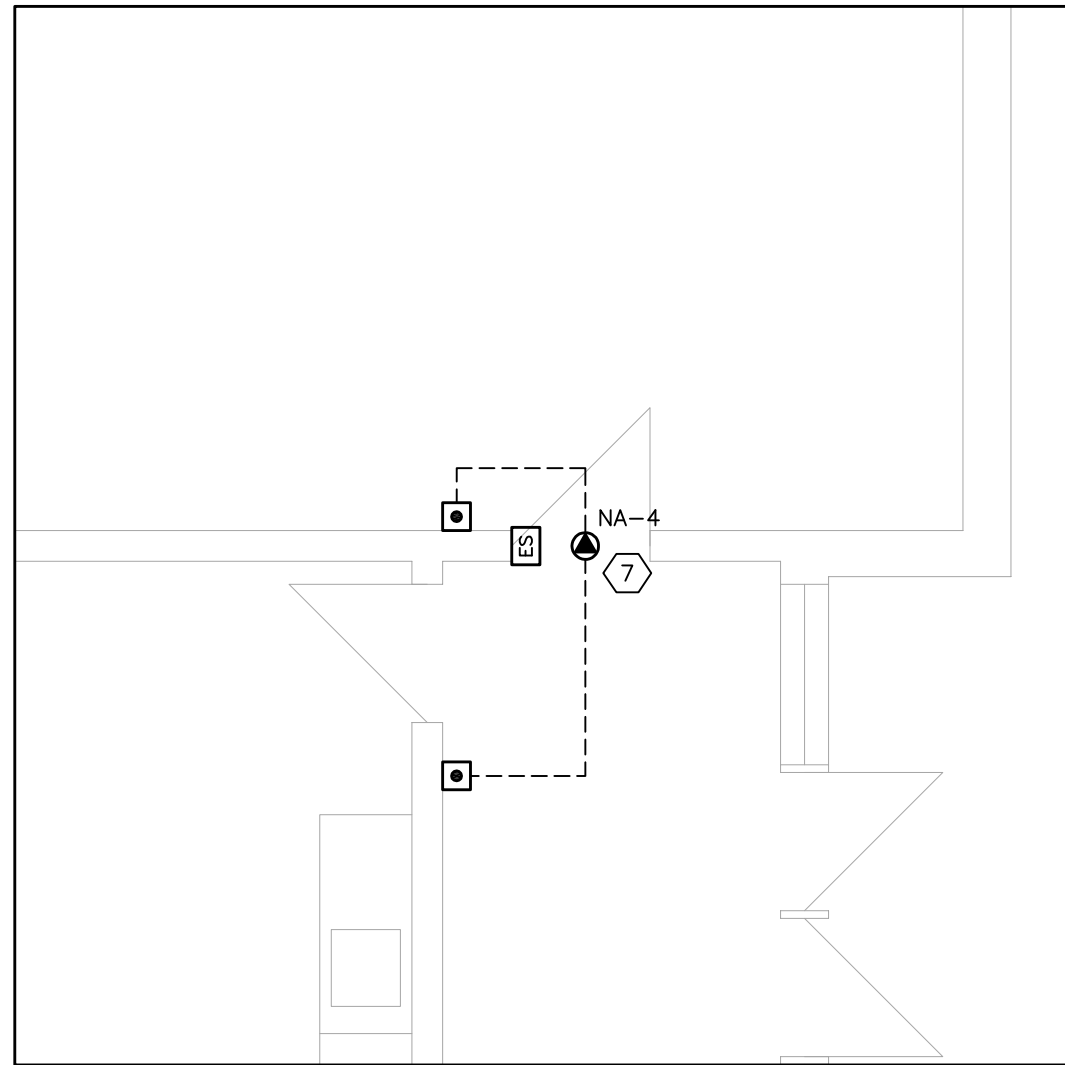
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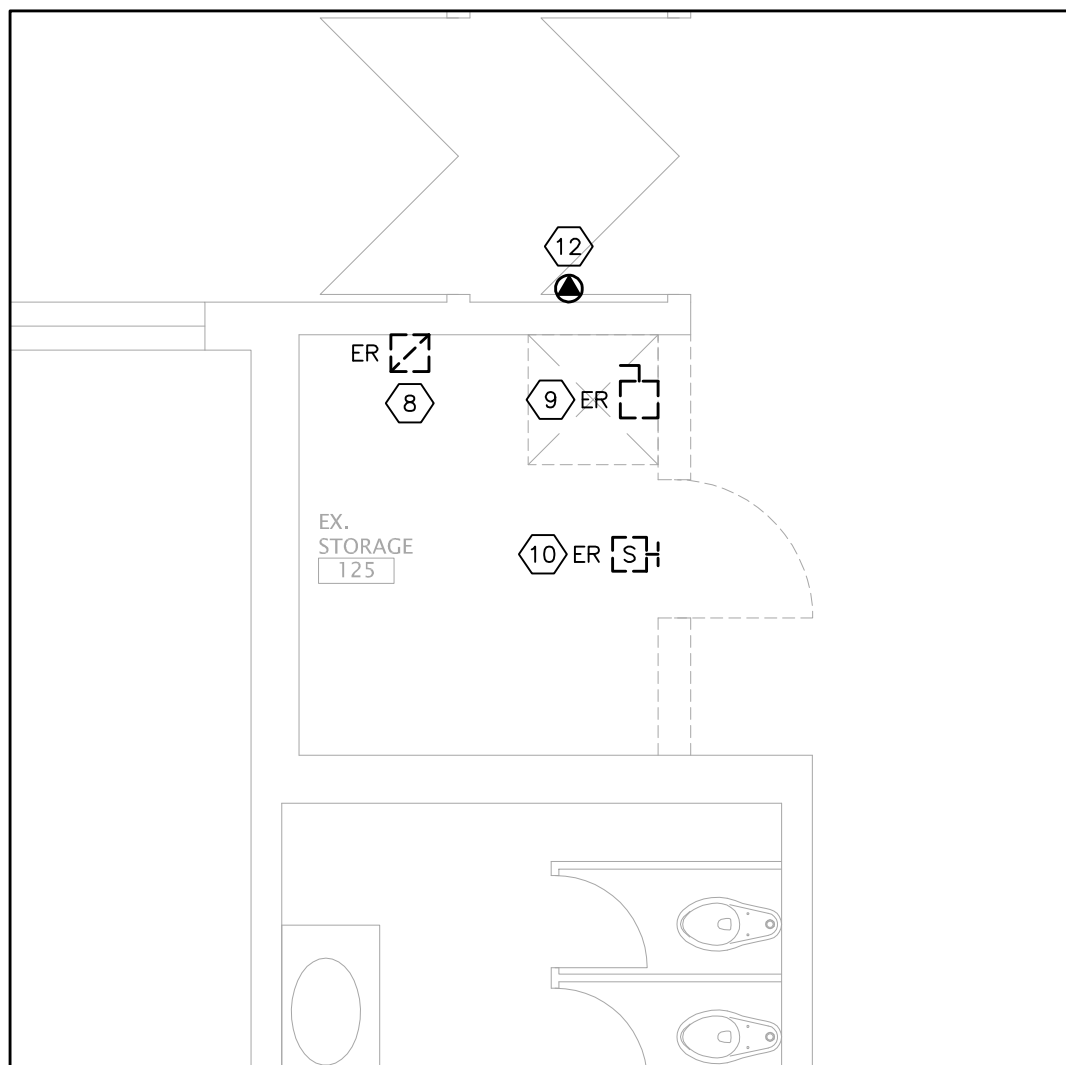
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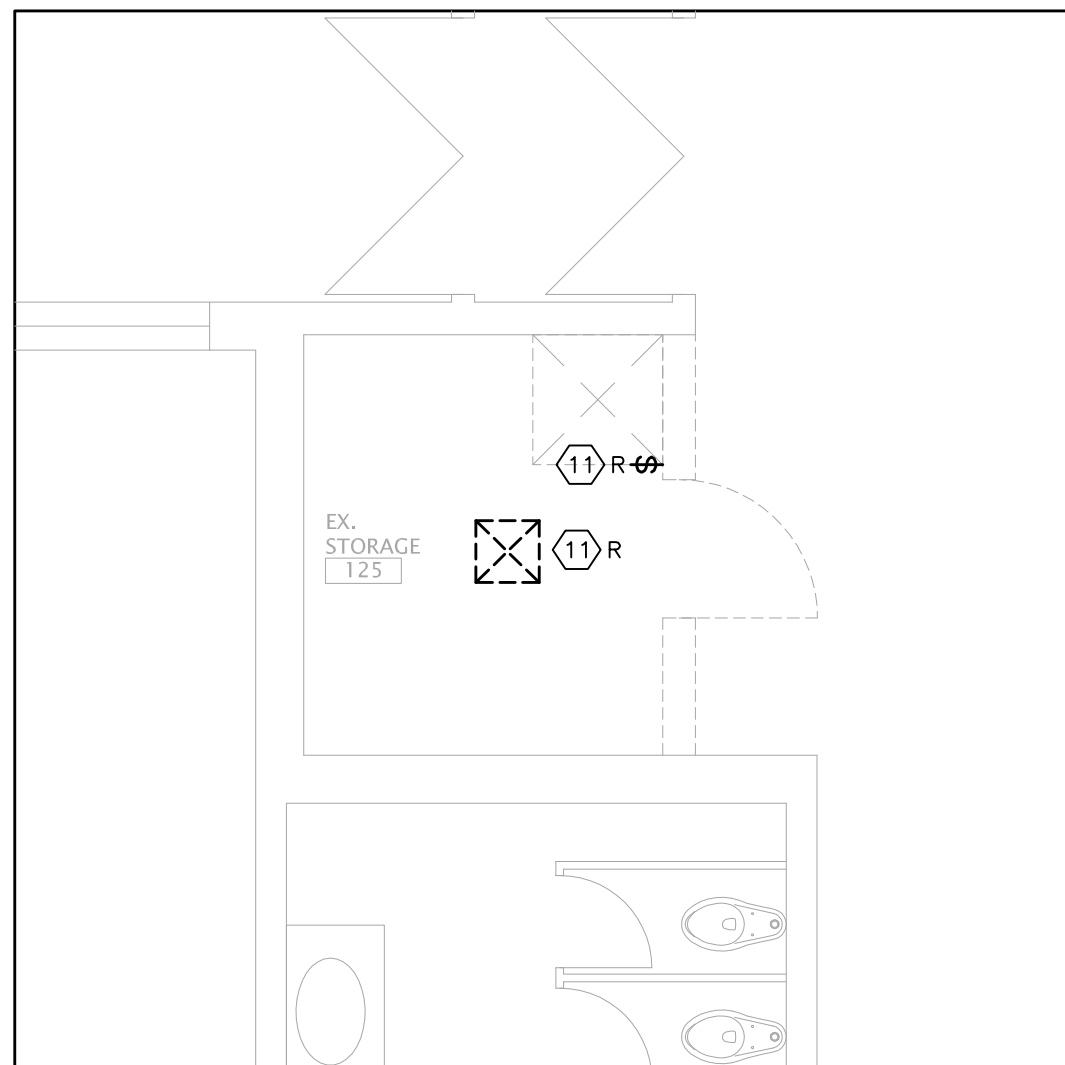
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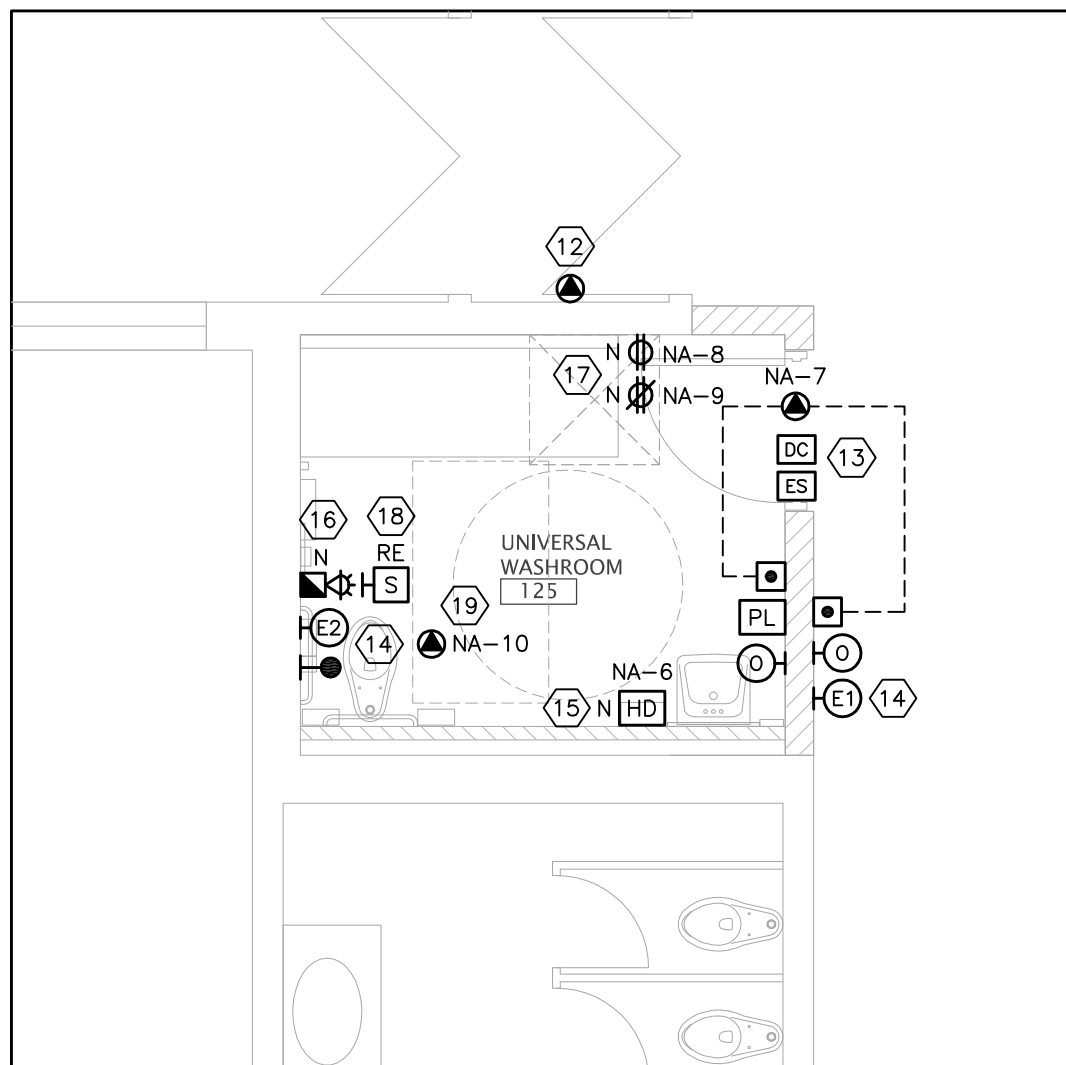
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E3 SCALE: 1:50



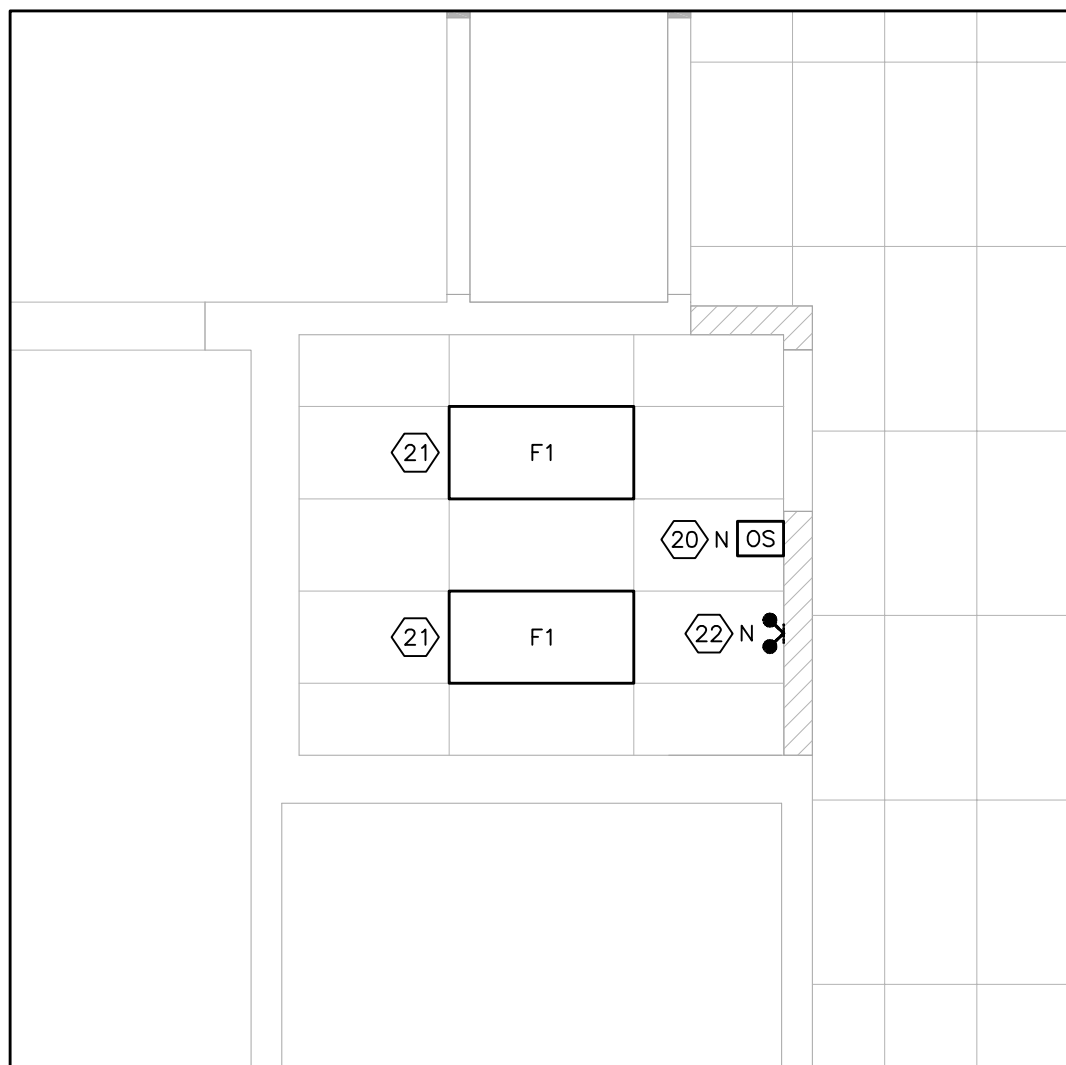
6 WASHROOM — EXISTING POWER & SYSTEMS PLAN
E3 SCALE: 1:50



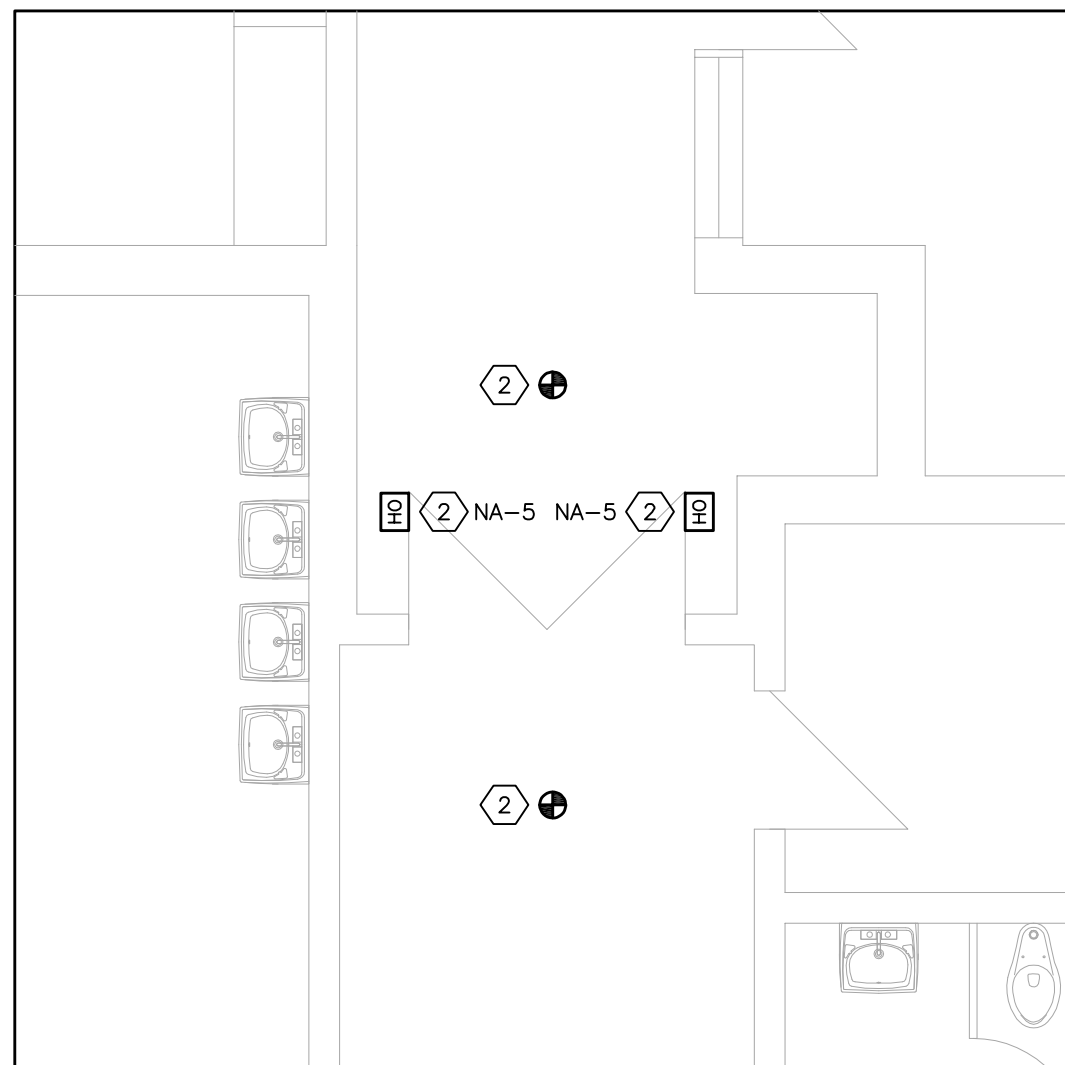
7 WASHROOM — EXISTING LIGHTING PLAN
E3 SCALE: 1:50



8 WASHROOM — NEW POWER & SYSTEMS PLAN
E3 SCALE: 1:50



9 WASHROOM — NEW LIGHTING PLAN
E3 SCALE: 1:50

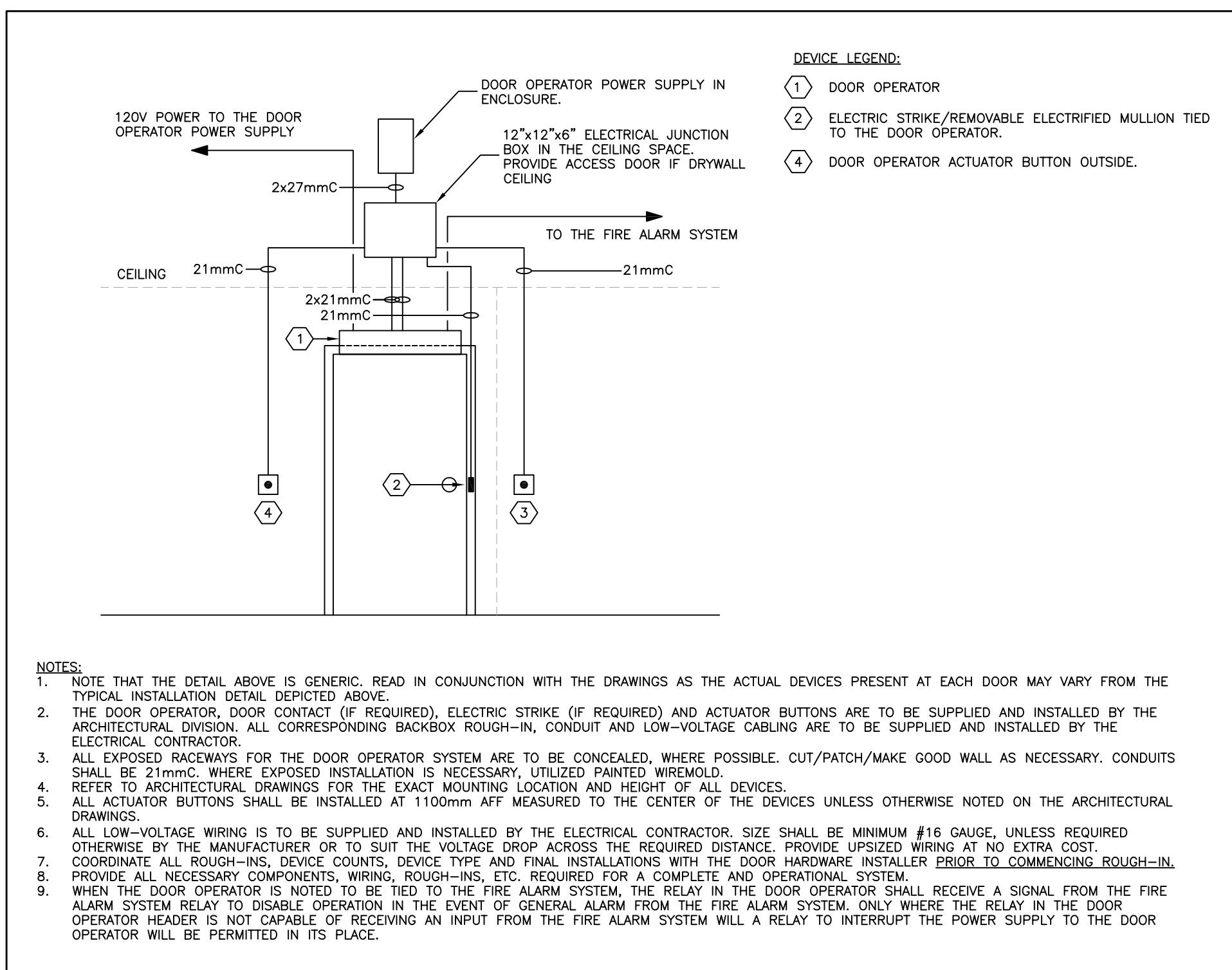


10 ELECTRICAL PART PLAN
E3 SCALE: 1:50

DRAWING NOTES:

- 1 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 CARD READER AND ALPHONE DOOR STATION AT THE EXTERIOR DOOR. RE-WIRE THE CARD READER AND ALPHONE DOOR STATION AS REQUIRED TO FACILITATE THE INTERLOCKING OF THE DOOR OPERATOR WITH THE TWO (2) SYSTEMS.
- 2 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.
- 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 ELECTRIC STRIKE FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM.
- 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 EXISTING ELECTRIC STRIKE FOR A COMPLETE AND OPERATIONAL DOOR OPERATOR SYSTEM. INTERLOCK THE DOOR OPERATOR WITH THE CARD READER AT THE EXTERIOR DOOR. RE-WIRE THE CARD READER AS REQUIRED TO FACILITATE THE INTERLOCKING OF THE DOOR OPERATOR WITH THE 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.
- 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. 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.
- 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 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 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.
- 8 RELOCATE THE EXISTING FAN STARTER TO THE KITCHEN ACROSS THE HALL. REMOVE ALL EXPOSED CONDUIT WITHIN THE ROOM; RE-WIRE THE LOAD AS NECESSARY TO FACILITATE. NO EXPOSED CONDUIT REMAINING WITHIN THE ROOM WILL BE PERMITTED.
- 9 RELOCATE THE EXISTING SUMP PUMP DISCONNECT SWITCH. REMOVE ALL EXPOSED CONDUIT WITHIN THE ROOM; RE-WIRE THE LOAD AS NECESSARY TO FACILITATE. NO EXPOSED CONDUIT REMAINING WITHIN THE ROOM WILL BE PERMITTED.
- 10 RELOCATE THE P.A. SPEAKER; SEE NEW PLAN FOR NEW LOCATION.
- 11 REMOVE THE EXISTING LIGHT SWITCH AND FIXTURE IN THE ROOM. RETAIN THE LIGHTING CIRCUIT FOR THE NEW LIGHTING.
- 12 DISCONNECT POWER TO THE FORCED FLOW HEATER AS REQUIRED TO FACILITATE TEMPORARY REMOVAL. REINSTATE POWER AT THE COMPLETION OF WORK.

- 13 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.
- 14 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.
- 15 SUPPLY AND INSTALL A NEW ELECTRIC HAND DRYER (EXTREME AIR GTX9-SS) IN THE NEW WASHROOM.
- 16 PROVIDE A NEW FIRE ALARM HORN/STROBE AS SHOWN. INSTALL AS PER CAN/ULC-S524 AND VERIFY AS PER CAN/ULC-S537. PROVIDE A POLYCARBONATE COVER (OR ALTERNATE MASKING METHOD) TO REDUCE AUDIBILITY IF REQUIRED TO CODE-COMPLIANT LEVELS.
- 17 PROVIDE ONE (1) RECEPTACLE 12" AFF AND ONE (1) RECEPTACLE 12" BELOW THE CEILING FOR THE NEW CHANGE TABLE AND LIFT, RESPECTIVELY.
- 18 RELOCATED P.A. SPEAKER; CONNECT TO THE EXISTING CORRIDOR P.A. ZONE.
- 19 PROVIDE 120V POWER CONNECTION TO THE NEW EXHAUST FAN; COORDINATE CONNECTION WITH THE MECHANICAL CONTRACTOR. FAN WILL BE CONTROLLED BY THE NEW EXHAUST SENSOR.
- 20 PROVIDE A NEW OCCUPANCY SENSOR (TYPE 'S1') IN THE NEW UNIVERSAL WASHROOM AS SHOWN. CONNECT TO THE EXISTING LIGHTING CIRCUIT SERVING THE DEMOLISHED LIGHTING. SENSOR SHALL CONTROL THE NEW FAN AND NEW LIGHTING. SENSOR SHALL BE ACUTY WSX PDT 2P FAN-WH OR APPROVED EQUAL.
- 21 PROVIDE NEW LIGHT FIXTURES (TYPE 'F1') IN THE NEW UNIVERSAL WASHROOM AS SHOWN. CONNECT TO THE EXISTING LIGHTING CIRCUIT SERVING THE DEMOLISHED LIGHTING. SAFETY CHAIN EACH LIGHT FIXTURE TO THE BUILDING STRUCTURE. FIXTURE SHALL BE LITHONIA 2GTL4-40L-A12125-GZ10-LP840 OR APPROVED EQUAL.
- 22 PROVIDE A NEW EMERGENCY LIGHT REMOTE UNIT OF TYPE 'R1' AS SHOWN. CONNECT TO THE EXISTING EMERGENCY LIGHTING BATTERY UNIT SERVING THE AREA. FIXTURE SHALL BE BELUCE BOL-R-2-5W/24V/LED-MR16 OR APPROVED EQUAL. (SITE VERIFY BATTERY UNIT VOLTAGE AND ORDER NEW REMOTE HEAD TO MATCH)



11 DOOR OPERATOR ELECTRICAL INSTALLATION TYPICAL SCHEMATIC
E3 SCALE: N.T.S.

CONSULTANTS LOGO

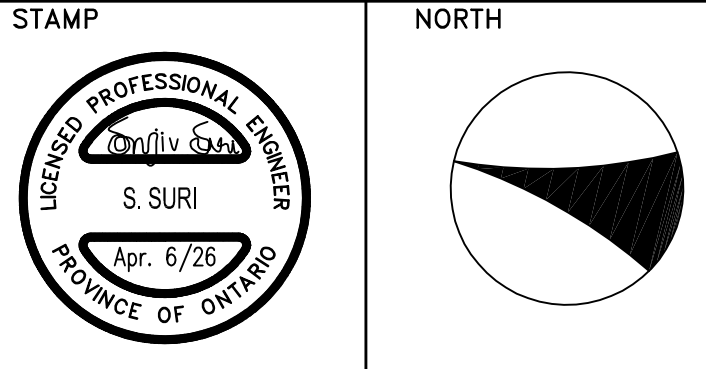
SURI & ASSOCIATES LTD.
ENGINEERING CONSULTANTS

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

ELECTRICAL
MECHANICAL
LIGHTING
COMMUNICATION
SECURITY


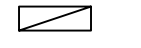




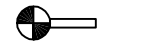






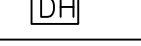

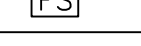
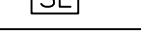
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Facility Services Department
Design & Construction Division
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

LOCATION	
Downsview Public School 2829 Keele Street Toronto, Ontario. M3M 2G7	
PROJECT	
ACCESSIBILITY UPGRADES	
DRAWING TITLE	
ELECTRICAL PART PLANS	
TDSB PROJECT No:	DRAWING <

ELECTRICAL LEGEND	
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM MANUAL PULL STATION C/W TAMPERPROOF COVER AND BATTERY OPERATED HORN
	FIXED TEMPERATURE HEAT DETECTOR
	RATE OF RISE HEAT DETECTOR
	PHOTOELECTRIC SMOKE DETECTOR
	PHOTOELECTRIC DUCT MOUNTED SMOKE DETECTOR. PROVIDE REMOTE INDICATOR LED LIGHT C/W LABEL IN ACCESSIBLE AREA, WHEN DETECTOR IS INSTALLED ABOVE CEILING OR INACCESSIBLE AREA (NOTE: INDICATOR LIGHT IS NOT ILLUSTRATED ON THE LAYOUT BUT SHALL BE SUPPLIED AND INSTALLED IN ACCESSIBLE AREA).
	FIRE ALARM HORN
	COMBINATION FIRE ALARM HORN AND STROBE LIGHT
	FIRE ALARM STROBE LIGHT
	FIRE ALARM BELL
	REMOTE ALARM/TROUBLE AUDIBLE AND VISUAL SIGNAL DEVICE
	INDICATION LIGHT TIED TO DUCT SMOKE DETECTOR
	MAGNETIC HOLD OPEN DEVICE. PROVIDE 120V POWER CONNECTION AND FIRE ALARM RELEASE SIGNAL UPON LOCAL SMOKE DETECTOR AND GENERAL FIRE ALARM SIGNAL
	FIRE ALARM SYSTEM SUPERVISED SPRINKLER VALVE
	FIRE ALARM SYSTEM SUPERVISED FLOW SWITCH
	SMOKE LIGHT
'WG'	DENOTES EQUIPMENT/DEVICE C/W WIREGUARD
'WP'	DENOTES WEATHERPROOF EQUIPMENT/DEVICE
'EXP'	DENOTES EXPLOSION PROOF EQUIPMENT/DEVICE
'R'	DENOTES EQUIPMENT/DEVICE TO BE REMOVED. REMOVE REDUNDANT CONDUIT AND WIRING TO SUIT
'EX'	DENOTES EXISTING EQUIPMENT/DEVICE TO REMAIN
'N'	DENOTES NEW EQUIPMENT/DEVICE C/W CONDUIT & WIRING
A/S	DENOTES DEVICE MOUNTED ABOVE THE STAGE @ HIGH LEVEL
B/S	DENOTES DEVICE MOUNTED BELOW THE STAGE IN A STORAGE COMPARTMENT
-----	DASHED LINE DENOTES EXISTING TO BE REMOVED UNLESS NOTED OTHERWISE

GENERAL NOTES

- THE SCOPE OF WORK SHALL BE, BUT NOT LIMITED TO, THE FOLLOWING:
- SUPPLY AND INSTALL A NEW FIRE ALARM CONTROL PANEL, ANNUNCIATOR, DEVICES, AND WIRING AS SHOWN ON THE DRAWINGS.
 - PROVIDE FIRE ALARM SHUTDOWN SIGNAL TO ALL SUPPLY AND RETURN FANS AND EXHAUST FANS SERVING MULTIPLE SPACES UPON GENERAL FIRE ALARM AND THOSE NOTED ON THE DRAWINGS. DRAWING MAY NOT SHOW ALL EQUIPMENT. INCLUDE FOR SHUTDOWN SIGNAL FOR AN ADDITIONAL TWO (2) SUCH EQUIPMENT.
 - PROVIDE FIRE ALARM SHUTDOWN SIGNAL TO SUPPLY AIR UNIT UPON ACTIVATION OF DUCT MOUNTED SMOKE DETECTOR AND GENERAL ALARM.
 - INCLUDE FOR THE SUPPLY, INSTALLATION, AND VERIFICATION OF TWO (2) SMOKE DETECTORS, TWO (2) HEAT DETECTORS, TWO (2) DUCT SMOKE DETECTORS AND TWO (2) HORN/STROBE SIGNAL DEVICES C/W 150 FEET OF CONDUIT AND WIRING FOR EACH OF THE STATED DETECTOR AND SIGNAL DEVICE. LOCATION SHALL BE INSTRUCTED ON SITE BY CONSULTANT AND/OR BUILDING INSPECTOR UPON BASE INSTALLATION COMPLETION AND VERIFIED. INCLUDE FOR TWO SEPARATE VERIFICATIONS FOR ADDITIONAL DEVICES UPON BASE WORK COMPLETION.
 - INCLUDE IN THE TENDER PRICE FOR THE REMOVAL OF TEN (10) DEVICES IN ADDITION TO THOSE SHOWN ON THE DEMOLITION PLAN AND AS REQUIRED/DISCOVERED ON SITE.
 - ALL NEW DEVICES SHALL BE INSTALLED BESIDE EXISTING DEVICES WHERE POSSIBLE WHILE ENSURING LOCATIONS MEET CODE REGULATIONS AND MANUFACTURER RECOMMENDATIONS AND ARE CLEAR OF MAINTENANCE OBSTRUCTIONS. DO NOT USE EXISTING DEVICE LOCATIONS. REMOVE EXISTING DEVICES, CONDUIT, AND WIRING UPON INSTALLATION AND VERIFICATION OF THE NEW FIRE ALARM SYSTEM AND DEVICES.
 - ENSURE DEVICES ARE INSTALLED IN ACCESSIBLE LOCATIONS SUCH AS THE TOP OF THE STAIR LANDING (NOT STEPS), AWAY FROM BOILERS, AIR HANDLING UNITS, CLOSE TO WALLS (WITHIN WALLS) IN HIGH CEILING AREAS SUCH AS A GYMNASIUM STAGE, ETC. MANUAL PULL STATIONS SHALL BE INSTALLED AT BARRIER FREE HEIGHT OF 1200 mm AFF TO THE CENTER OF THE PULL STATION.
 - ENSURE FIRE ALARM CONTROL PANEL IS C/W PRINTER CARD, LAN CARD, AND BYPASS SWITCH TO ALLOW VERIFICATION OF SYSTEM WITHOUT SHUTDOWN SIGNAL, ETC.
 - PROGRAM DEVICES IN ACCORDANCE WITH ACTUAL ROOM, CORRIDOR, AND STAIR NUMBERS PRESENT AT THE SCHOOL. CONSULT SCHOOL STAFF FOR THE LATEST ROOM NUMBER SYSTEM ON SITE PRIOR TO PROGRAMMING. THE CONFIRMED ACTUAL SITE INFORMATION SHALL SUPERCEDE DATA SHOWN ON THESE DRAWINGS. OBTAIN SIGN-OFF FROM SCHOOL STAFF AND CONSULTANT PRIOR TO PROGRAMMING. CONTRACTOR WILL BE RESPONSIBLE FOR EXPENSES INCURRED FOR CHANGES IN THE EVENT OF NON-COMPLIANCE.
 - ALONG WITH AS-BUILT DOCUMENTATION, PROVIDE ELECTRONIC VERSIONS OF SYSTEM POINTS AND DEVICES ADDRESS LIST. ENSURE FLOOR PLANS INCLUDE:
 - FINAL LOCATION OF ALL DEVICES INCLUDING END OF LINE DEVICES AND ISOLATORS
 - LOCATION OF ALL PANELS, ANNUNCIATORS, AND REMOTE TROUBLE INDICATORS
 - ALL DEVICES TO BE CLEARLY LABELED WITH DEVICE TYPES AND ADDRESSES
 - PATHS OF ALL CONDUIT RUNS SHALL BE CLEARLY LABELED WITH CONDUIT SIZE, NUMBER OF WIRES, AND CIRCUIT NUMBERS
 - LOCATION OF JUNCTION BOXES AND PULL BOXES.
 - RISER DRAWING/SYSTEM BLOCK DRAWINGS.
 - OVERVIEW OF ALL PANEL LOCATIONS, ANNUNCIATORS, AND REMOTE TROUBLE INDICATORS
 - LOCATION AND CIRCUIT NUMBER OF AC POWER SOURCES
 - PROVIDE AUDIBLE LEVEL (dB LEVELS) ON THE FLOOR PLANS THROUGHOUT THE BUILDING WITH CLOSED DOOR CONDITIONS UPON INSTALLATION AND VERIFICATION OF THE SYSTEM. MAKE ALLOWANCE TO ADJUST HORNS TO LOWEST TAP SETTING AND/OR MASKING TO ENSURE AUDIBILITY LEVELS DO NOT EXCEED MORE THAN 90 dB IN SMALL ROOMS OR ROOMS WITH NON-ABSORBING SURFACES.
 - A FULL SYSTEM WARRANTY FOR A MINIMUM OF 18 MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION SHALL BE PROVIDED.
 - ALL DEVICES INSTALLED ON SITE (REGARDLESS OF NEW OR OLD) SHALL BE VERIFIED AND INCLUDED IN THE REPORT.
 - ALL DEVICES SHALL BE AWAY FROM ANY OBSTRUCTION AND BE READILY ACCESSIBLE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO RECTIFY ALL DEFICIENCIES TO BE REPORTED IN THE ANNUAL INSPECTION BY TDSB ELECTRONICS GROUP AFTER THE NEW SYSTEM IS INSTALLED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM A FULL, EXTENSIVE WALK THRU DURING THE CLOSING MEETING.
 - THE CONTRACTOR/SYSTEM MANUFACTURER & VERIFIER SHALL PROVIDE A dB TEST REPORT (WITH ALL POSSIBLE ADJUSTMENT REQUIRED TO HIGH OR LOW TAP OF HORNS, INTEGRAL OR EXTERNAL MASKING (ALLOW IN TENDER PRICE FOR MASKING OF 20% OF ALL SIGNAL DEVICES TO BE PROVIDED) AS REQUIRED TO MEET CODE REQUIRED AUDIBILITY LEVEL) CLEAR OF DEFICIENCIES FOR TDSB & CONSULTANT'S REVIEW AND CONSIDERATION AFTER THE SYSTEM IS INSTALLED AND TWO WEEKS PRIOR TO THE INSPECTION WITH BUILDING DEPARTMENT.
 - UPON COMPLETION OF INSTALLATION, THE CONTRACTOR SHALL CALL FOR INSPECTION BY CITY OFFICIALS. PROVIDE ALL LABOR AND MATERIALS FOR TESTING AND INSPECTION UNTIL SIGNOFF IS PROVIDED BY BUILDING OFFICIALS AND CONSULTANT OF THE NEW SYSTEM AND AUTHORIZATION TO REMOVE EXISTING SYSTEM TO ALLOW CHANGEOVER TO NEWLY INSTALLED UPGRADED SYSTEM.
 - PAINT EXPOSED CONDUIT IN ALL FINISHED AREAS TO MATCH THE WALL/CEILING COLOUR.
 - WHERE THE CONDUIT CANNOT BE RUN ABOVE THE CEILING, RUN JUST BELOW THE CEILING AS HIGH AS POSSIBLE AND PAINT ALL EXPOSED CONDUIT TO MATCH THE WALL/CEILING COLOUR.
 - SECUREX FIRE ALARM CABLE IS NOT ALLOWED TO BE USED, BUT IS ALLOWED WHERE CONDUIT INSTALLATION IS HARD TO BE INSTALLED INSIDE THE CEILING SPACE (E.G. HUGE DUCTWORK OR LARGE PIPES THAT PROHIBIT OPENING OF THE CEILING TILES) AND A MAXIMUM OF 5' IS ALLOWED TO BE BRANCHED OFF FROM THE MAIN RACEWAY TO A DEVICE. ANY USE OF SECUREX MUST BE APPROVED BY THE ENGINEER/PROJECT SUPERVISOR IN WRITING PRIOR TO INSTALLATION.
 - WHERE EMT CONDUIT IS USED, PROVIDE GLAND WATERTIGHT EMT CONNECTOR WITH FACTORY-INSTALLED THROATS AND COMPRESSION TYPE EMT COUPLINGS (CAST FITTINGS/SET-SCREWS NOT ACCEPTABLE) TO BE FORGED STEEL.
 - PROVIDE GROUND AND BOND WIRES AS NECESSARY TO MEET CODE.
 - PAINT ALL FIRE ALARM CONDUITS, CONNECTORS AND JUNCTION BOX AND ITS COVERS INSTALLED INSIDE THE CEILING RED. USE OF PRE-PAINTED CONDUITS IS PERMITTED. EXPOSED CONDUITS SHALL BE PAINTED TO MATCH THE COLOUR OF THE SURFACE IT IS BEING MOUNTED ON. PAINT RED TO ALL ASSOCIATED CONNECTORS, ELBOWS AND JUNCTION BOX & ITS COVERS AS WELL.
 - LOCATE FIRE ALARM DEVICE WHERE READILY ACCESSIBLE FOR TESTING AND MAINTENANCE.
 - VERTICAL CONDUIT IS ONLY ALLOWED TO RUN TO THE FLOOR ABOVE AND BELOW THROUGH SERVICE/UTILITY ROOMS.
 - ALL EXPOSED CONDUIT RUN & BACKBOXES OUTDOOR, IN THE POOL (IF APPLICABLE), CHANGE ROOM AND SUCH OTHER AREAS WHERE WEATHERPROOF DEVICES ARE BEING PROPOSED SHALL BE OF RIGID ALUMINUM TYPE.
 - INCLUDE IN TENDER PRICE FOR THE SUPPLY AND INSTALLATION OF TWENTY (20) INTERNAL MASKING OR EXTERNAL POLYCARBONATE COVERS AS AVAILABLE FROM THE SELECTED MANUFACTURER TO BE USED ON HORNS WHERE AUDIBILITY LEVELS ARE REQUIRED TO BE LOWERED TO SUIT CODE REQUIREMENTS AND TAP SETTINGS DOES NOT PROVIDE THE REQUIRED CONTROL.
 - INCLUDE FOR TWO (2) AUDIBILITY TESTS BY SELECTED MANUFACTURER OR A COMPANY SPECIALIZING IN SUCH WORK AS PER THE FOLLOWING:
 - ONE FULL AREA TEST SHALL BE COMPLETED UPON FULL INSTALLATION OF THE NEW SYSTEM AND PRIOR TO THE BUILDING DEPARTMENT INSPECTION.
 - ONE TEST SHALL BE COMPLETED AS REQUIRED TO RE-VERIFY AUDIBILITY LEVELS UPON RECEIPT OF TESTING RESULTS FROM THE FIRST TEST AND UPON COMPLETION OF ADJUSTMENTS AS REQUIRED AND ADVISED BY THE ENGINEER. TOTAL AREA OF RE-VERIFICATION MAY BE UP TO 25% OF THE TOTAL FLOOR AREA OF THE PROJECT.
 - THE FIRE ALARM CONTROL PANEL SHALL BE EQUIPPED WITH ALL NECESSARY COMPONENTS TO SUPPORT (WITHOUT REQUIRING MODIFICATIONS OR UPGRADES AT THAT TIME):
 - EXPLOSION PROOF DEVICES (TO SUPPORT THE PROPOSED EXPLOSION-PROOF HORN, HEAT DETECTOR AND PULL STATION IN THE OUTDOOR STORAGE).
 - ELEVATOR RECALL FEATURE.

CEILING ASSEMBLIES & FIRE RATINGS

THE ELECTRICAL CONTRACTOR SHALL ENSURE THAT ANY CONDUIT/RACEWAY PENETRATIONS THROUGH THE EXISTING DROP CEILING (WHETHER IT BE DRYWALL, PLASTER, T-BAR OR OTHER) SHALL BE FIRESTOPPED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS FOR FIRESTOPPING.

THE ELECTRICAL CONTRACTOR SHALL ADVISE THE ENGINEER IN WRITING OF ANY HOLES/OPENINGS REQUIRED TO BE MADE ABOVE EXISTING RATED CEILINGS. ANY OPENINGS MADE IN THE EXISTING CEILINGS OR CEILING SYSTEMS SHALL BE REPAIRED TO MATCH THE EXISTING CONSTRUCTION (TO MAINTAIN THE EXISTING RATING) AS WELL AS ALL APPLICABLE CODES AND STANDARDS.

ANY QUESTIONS IN REGARDS TO THE CEILING ASSEMBLIES SHALL BE COMMUNICATED IN THE FORM OF A WRITTEN 'REQUEST FOR INFORMATION' TO THE ENGINEER.

FOR FIRESTOPPING REQUIREMENTS FOR PENETRATIONS THROUGH PARTITIONS, REFER TO THE ELECTRICAL SPECIFICATIONS FOR REQUIREMENTS.


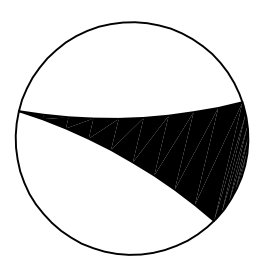
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MISSISSAUGA, ONTARIO
L5V 1C8
T (905)–290–7861
F (289)–327–3420

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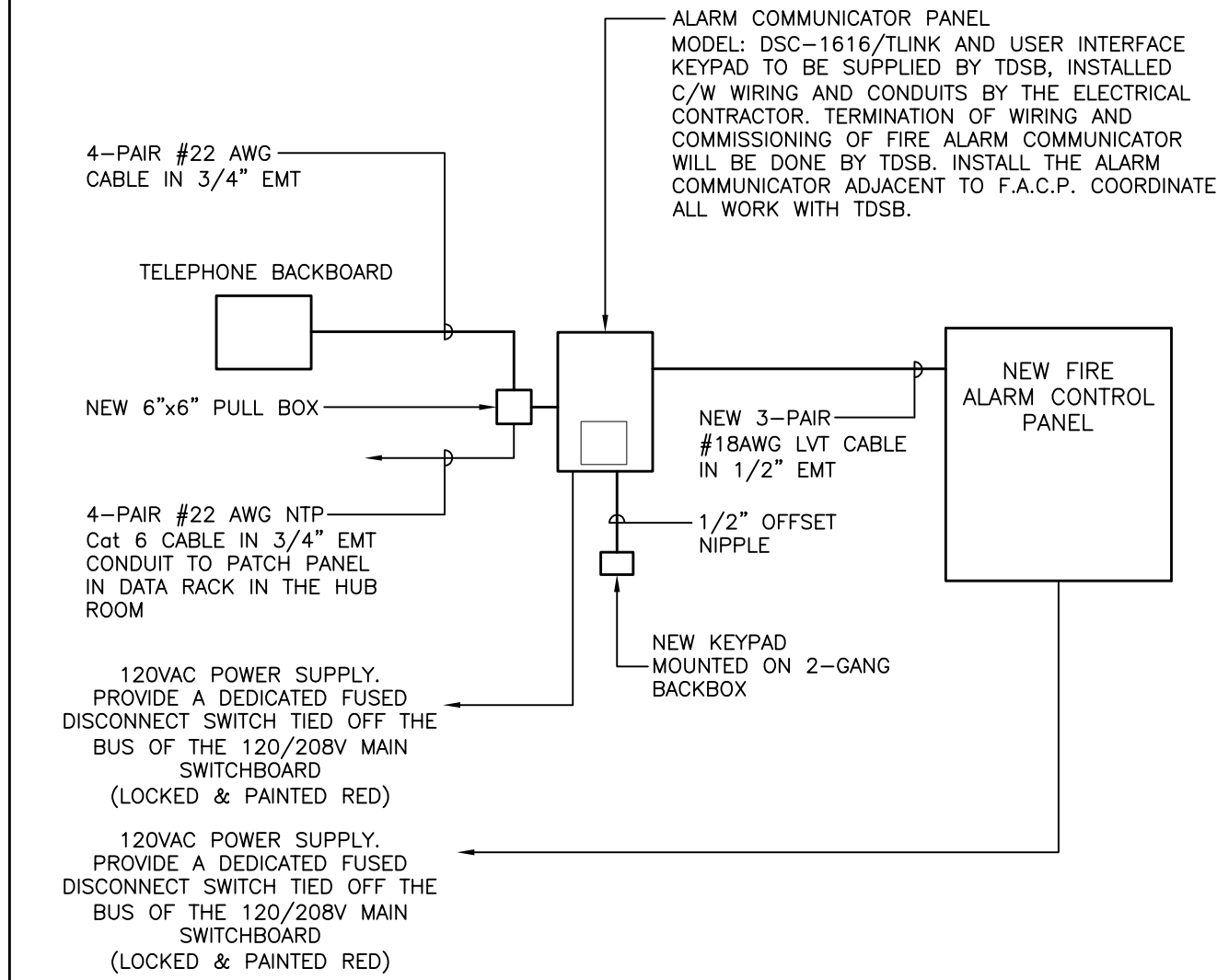
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1	MAR. 9/26	ISSUED FOR COORDINATION
No.	DATE	DESCRIPTION
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Facility Services Department
Design & Construction Division
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

LOCATION	
Downsview Public School 2829 Keele Street Toronto, Ontario. M3M 2G7	
PROJECT	
ACCESSIBILITY UPGRADES	
DRAWING TITLE	
FIRE ALARM SYSTEM REPLACEMENT – NOTES	
TDSB PROJECT No: TR–25–XXXX	DRAWING No
DATE: FEBRUARY 2026	E4
SCALE: AS NOTED	
DRAWING BY: RS	
APPROVED BY: SS	

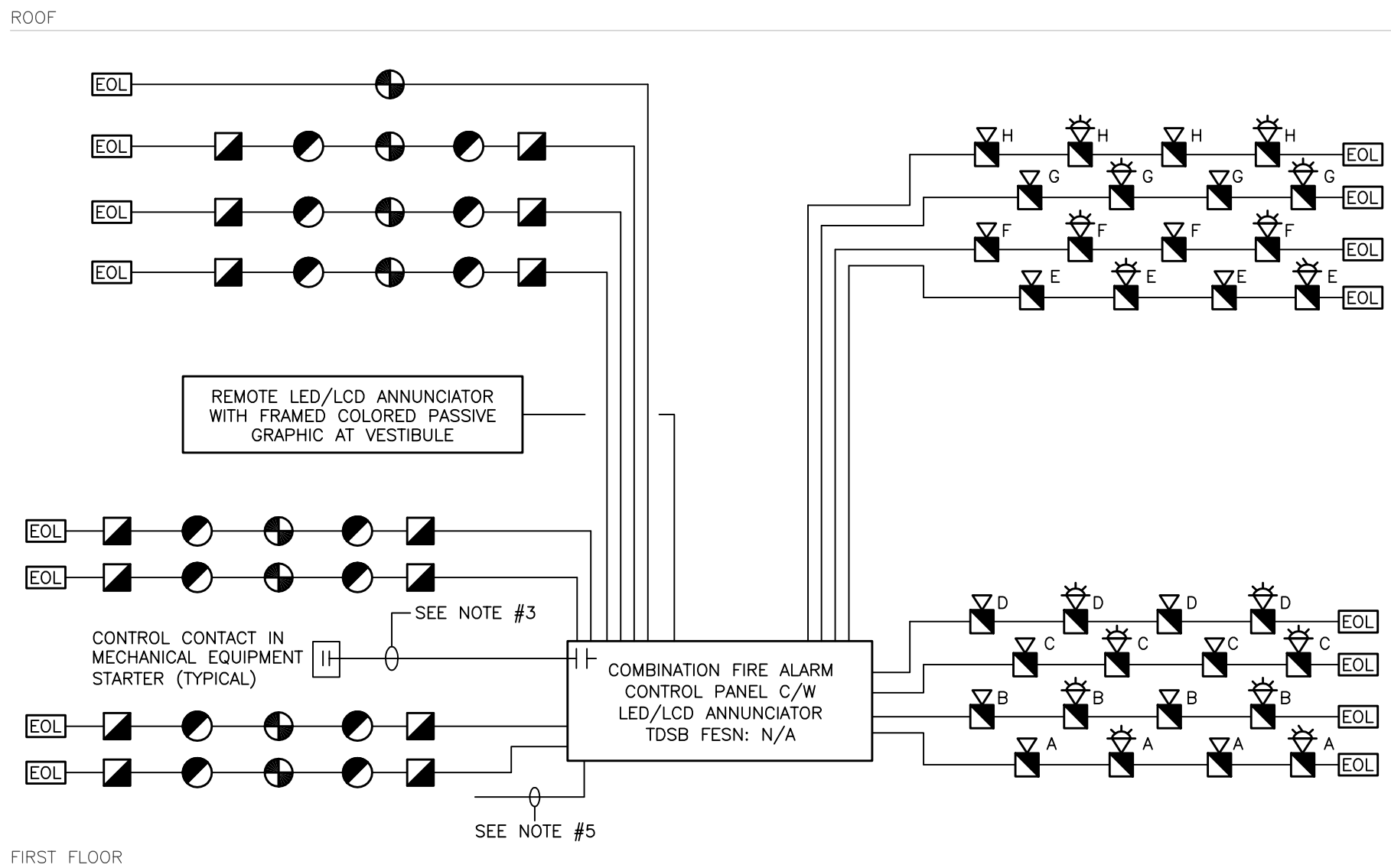


NOTES:

1. PROVIDE EQUIPMENT, CABLE, CONDUIT AND POWER CONNECTIONS AS SHOWN FOR MONITORING. EXACT LOCATION OF EQUIPMENT SHALL BE CONFIRMED ON SITE. PRIOR TO INSTALLATION. SEPARATE FUSED DISCONNECT SWITCH REQUIRED FOR THE ALARM COMMUNICATOR AND FIRE ALARM CONTROL PANEL (TOTAL OF 2).

1 FIRE ALARM SYSTEM MONITORING SCHEMATIC

E5 SCALE: N.T.S.



NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITIES AND LOCATIONS OF DEVICES. SCHEMATIC IS CONCEPTUAL AND DOES NOT SHOW ALL RISERS.
2. SUPPLY AND INSTALL NEW FIRE ALARM SYSTEM CONTROL PANEL, ANNUNCIATOR, DEVICES, AND WIRING AND VERIFY/COMMISSION THE NEW SYSTEM FIRST. UPON COMMISSIONING OF THE NEW SYSTEM & ACCEPTANCE OF AHJ, DISCONNECT AND REMOVE EXISTING FIRE ALARM CONTROL PANEL, DEVICES, WIRING/CONDUITS, AND ANNUNCIATOR.
3. PROVIDE SHUTDOWN SIGNAL TO ALL VENTILATING UNITS AND EXHAUST FANS IN MECHANICAL ROOMS AND ROOF AS SHOWN OR OTHERWISE PRESENT IN THE BUILDING.
4. THE NEW FIRE ALARM CONTROL PANEL SHALL BE PROGRAMMED TO PRODUCE TEMPORAL PATTERN SOUND SIGNAL.
5. REFER TO DETAIL ON DRAWINGS FOR FIRE ALARM SYSTEM MONITORING AND SCOPE OF WORK TO BE INCLUDED IN THE TENDER PRICE.
6. EXTERIOR DOORS AND STAIRWELLS ARE NUMBERED. CONFIRM NUMBERING TO BE USED WITH TDSB PRIOR TO PROGRAMMING & FABRICATION OF PASSIVE GRAPHICS.

2 FIRE ALARM SYSTEM RISER DIAGRAM

E5 SCALE: N.T.S.

FIRE ALARM ZONE SCHEDULE

ZONE		ALARM/TROUBLE ZONE NUMBER	DESCRIPTION
ALARM	TROUBLE		
✓	✓	FZ-1	FIRST FLOOR - NORTH AREA
✓	✓	FZ-2	FIRST FLOOR - SOUTH AREA
✓	✓	FZ-3	FIRST FLOOR - GYMNASIUM
✓	✓	FZ-4	FIRST FLOOR - NORTH BOILER ROOM
✓	✓	FZ-5	FIRST FLOOR - SOUTH BOILER ROOM
✓	✓	FZ-6	FIRST FLOOR - OUTDOOR STORAGE ROOM
✓	✓	FZ-7	PORTABLES
✓	✓	FZ-8	STANDPIPE FLOW SWITCH
✓	✓	FZ-9	SPARE
✓	✓	FZ-24	SPARE
	✓	SZ-1	STANDPIPE BACKFLOW PREVENTER INLET SUPERVISED VALVE
	✓	SZ-2	STANDPIPE BACKFLOW PREVENTER OUTLET SUPERVISED VALVE
	✓	SZ-3	SPARE
	✓	SZ-12	SPARE

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1022 WHITE CLOVER WAY
MISSISSAUGA, ONTARIO
L5V 1C8
T (905)-290-7861
F (289)-327-3420

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2 APR. 6/26 ISSUED FOR PERMIT/TENDER

1 MAR. 9/26 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

Downsview
Public School
2829 Keele Street
Toronto, Ontario. M3M 2G7

PROJECT

ACCESSIBILITY UPGRADES

DRAWING TITLE

FIRE ALARM SYSTEM REPLACEMENT ZONING SCHEDULE
& SCHEMATICS

TDSB PROJECT No: TR-25-XXXX DRAWING No

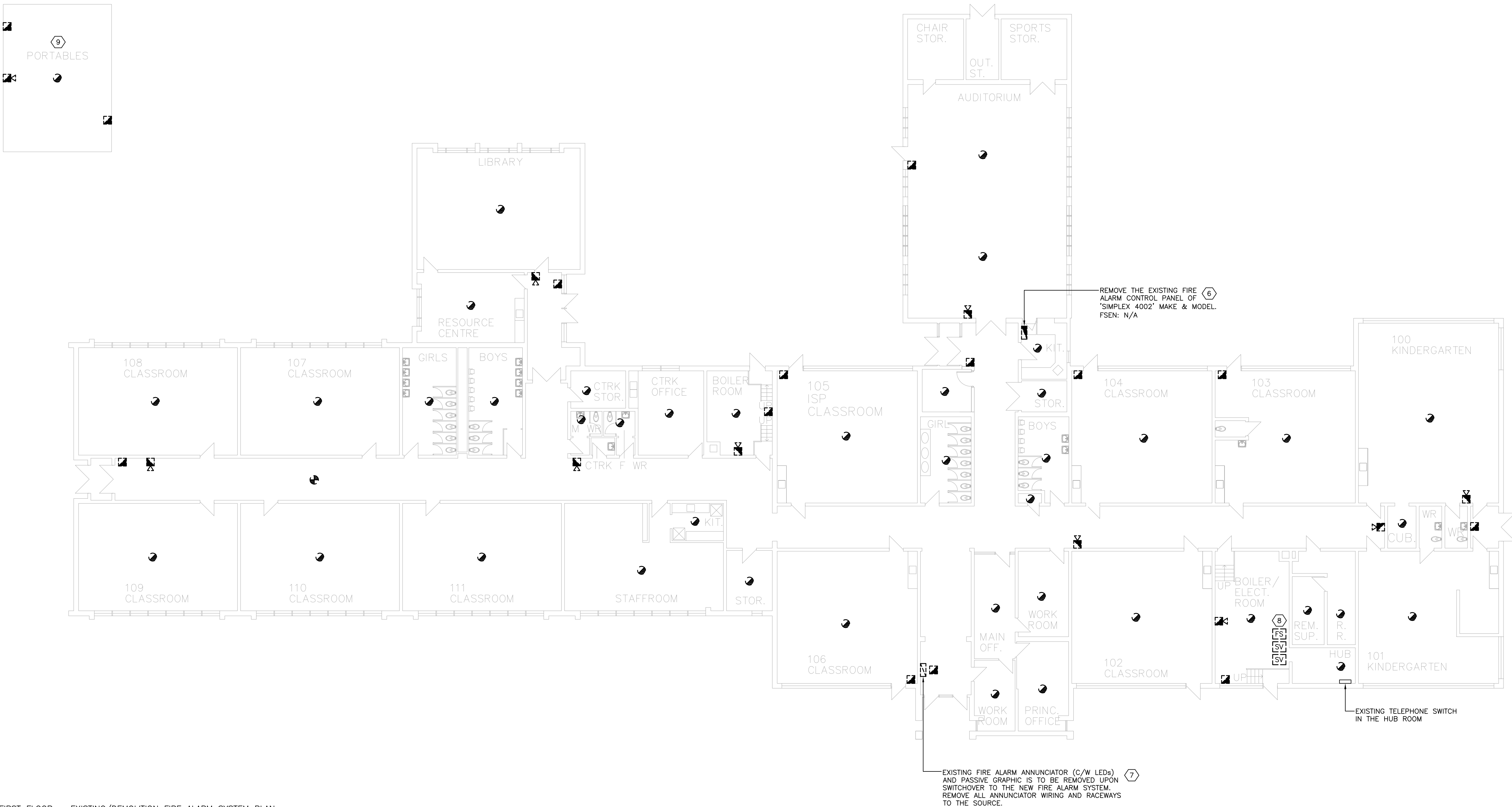
DATE: FEBRUARY 2026

SCALE: AS NOTED

DRAWING BY: RS

APPROVED BY: SS

E5



DRAWINGS NOTES

- ALL DEVICES/EQUIPMENT SHOWN ON THIS LAYOUT MUST BE REMOVED UPON ACCEPTANCE OF THE NEW SYSTEM BY THE BUILDING INSPECTOR. VISIT SITE TO VERIFY EXISTING CONDITIONS. THESE DRAWINGS DO NOT SHOW COMPLETE EXISTING CONDITIONS. CONTRACTOR MUST VISIT THE SITE AND MAKE ALLOWANCE TO REMOVAL ALL EXISTING FIRE ALARM DEVICES, CONNECTIONS, CONDUIT, AND SIGNAL WIRING TO EXISTING EQUIPMENT AND DEVICES. NO EXTRA COSTS WILL BE ACCEPTED IN FAILURE TO DO SO.
- REFER TO THE DSS ASSESSMENT REPORT AND SPECIFICATIONS FOR THE SCOPE OF ABATEMENT AND COORDINATE WITH THE GENERAL CONTRACTOR.
- UPON INSTALLATION AND VERIFICATION OF ALL NEW FIRE ALARM DEVICES, DISCONNECT AND REMOVE ALL EXISTING FIRE ALARM DEVICES, WIRING, CONDUIT, ETC. COMPLETELY. DRAWINGS DO NOT SHOW COMPLETE EXISTING ELECTRICAL, ARCHITECTURAL, STRUCTURAL, AND MECHANICAL SYSTEM DETAILS. INCLUDE COST FOR COMPLETE REMOVAL OF EXISTING FIRE ALARM SYSTEM INCLUDING PATCHING OF ALL AFFECTED SURFACES AND REPLACEMENT OF AFFECTED CEILING TILES.
- REFER TO BOOK FORMAT SPECIFICATIONS FOR MORE DETAILS.
- REMOVE ALL EXISTING FAN SHUTDOWN RELAYS, WIRING AND ACCESSORIES CONNECTED TO THE EXISTING MECHANICAL AIR HANDLING UNITS, RETURN FANS AND EXHAUST FANS.
- REMOVE THE EXISTING FIRE ALARM CONTROL PANEL IN ENTIRETY C/W ALL ASSOCIATED ADJACENT DEVICES, WIRING AND RACEWAYS. INFILL CONCRETE WHERE EXISTING CONDUIT PENETRATIONS ARE BEING REMOVED AND MAKE GOOD ALL SURFACES. REMOVE POWER CONNECTION TO THE SOURCE C/W RACEWAYS. VERIFY WITH TDSB IN-HOUSE IF THE PANEL IS TO BE HANDED OVER TO THE BOARD UPON REMOVAL OR DISPOSED OF, PRIOR TO REMOVAL OFF SITE. PROVIDE COVER (OF SAME CONSTRUCTION AS EXISTING AND FINISH) WHERE FIRE ALARM CONTROL PANEL IS REMOVED.
- EXISTING FIRE ALARM ANNUNCIATOR (C/W LEDS) AND PASSIVE GRAPHIC IS TO BE REMOVED UPON SWITCHOVER TO THE NEW FIRE ALARM SYSTEM. REMOVE ALL ANNUNCIATOR WIRING AND RACEWAYS TO THE SOURCE.
- DISCONNECT THE EXISTING FLOW SWITCH AND SUPERVISORY VALVE AND TIE IT INTO THE NEW FIRE ALARM SYSTEM UPON SWITCHOVER. REMOVE ALL SUPERVISORY HARDWARE OFF OF THE EXISTING SUPERVISED VALVE(S) AND PROVIDE NEW SUPERVISORY HARDWARE ON THE EXISTING VALVE(S) AND TIE THEM INTO THE NEW FIRE ALARM SYSTEM UPON SWITCHOVER.
- REMOVE ALL EXISTING FIRE ALARM DEVICES, WIRING AND RACEWAYS SERVING THE PORTABLES UPON INSTALLATION, VERIFICATION AND SWITCHOVER OF THE NEW FIRE ALARM SYSTEM. NOTE THAT THE DISTANCE TO THE PORTABLES IS NOT TO SCALE; SITE VERIFY ALL DIMENSIONS AND ROUTING OF WIRING FROM THE MAIN BUILDING TO THE PORTABLES AT THE TIME OF PRICING.

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SURI & ASSOCIATES LTD.
ENGINEERING CONSULTANTS

1022 WHITE CLOVER WAY
MISSISSAUGA, ONTARIO
L5V 1C8
T (905)-290-7861
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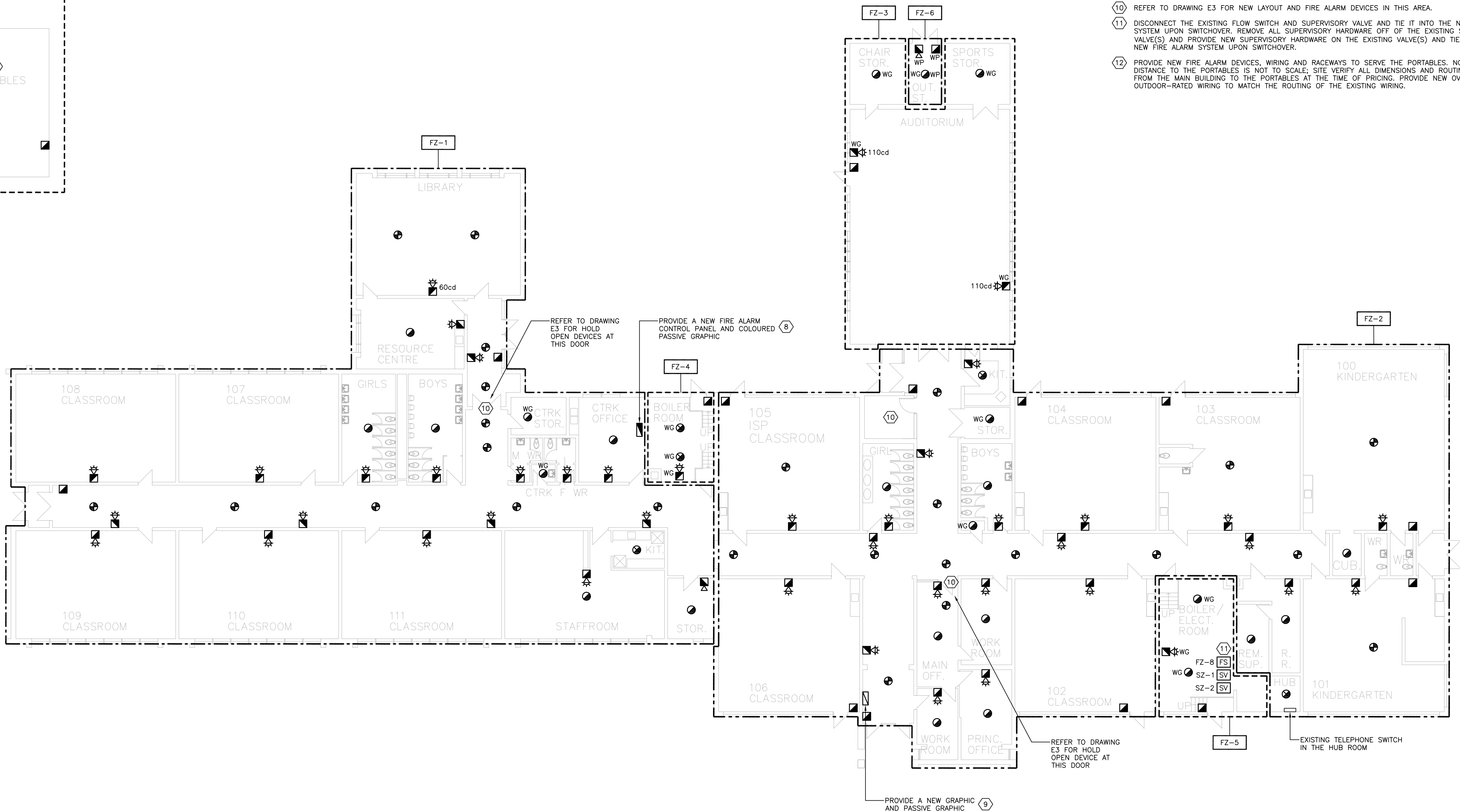
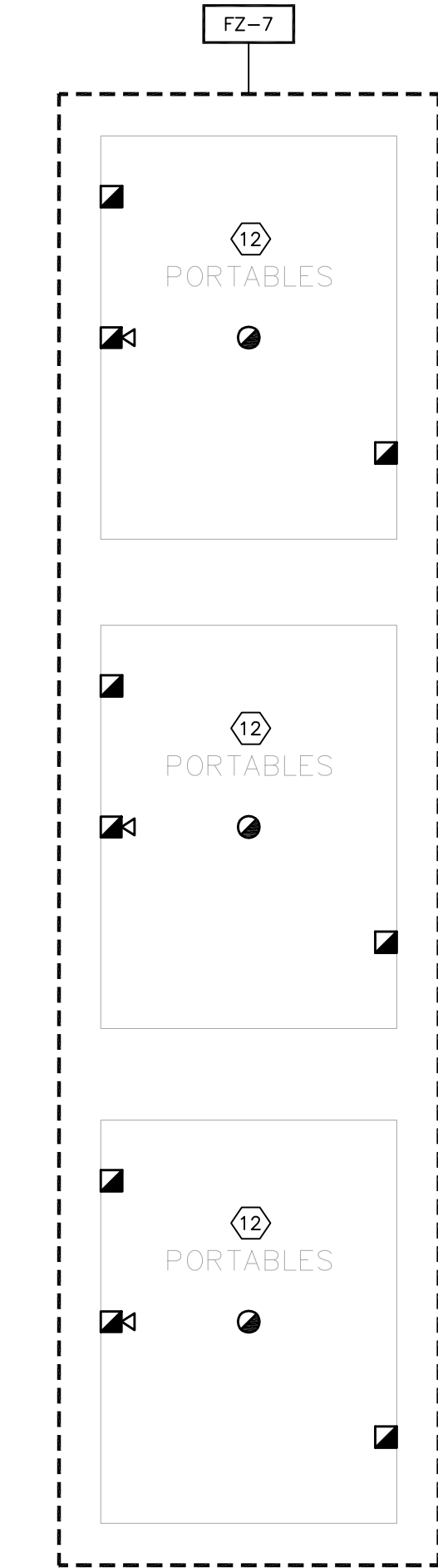


Facility Services Department
Design & Construction Division
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

LOCATION
Downsview
Public School
2829 Keele Street
Toronto, Ontario. M3M 2G7

PROJECT
ACCESSIBILITY UPGRADES

DRAWING TITLE FIRST FLOOR - EXISTING/DEMOLITION FIRE ALARM SYSTEM PLAN	
TDSB PROJECT No: TR-25-XXXX	DRAWING No: E6
DATE: FEBRUARY 2026	
SCALE: AS NOTED	
DRAWING BY: RS	
APPROVED BY: SS	



DRAWINGS NOTES

- ALL DEVICES SHOWN ON THIS DRAWING ARE NEW UNLESS OTHERWISE STATED. SUPPLY AND INSTALL NEW FIRE ALARM DEVICES, CONDUITS AND WIRING AS SHOWN ON THE DRAWING AND IN ACCORDANCE WITH THE SPECIFICATIONS. REFER TO BOOK SPECIFICATIONS FOR MORE DETAILS.
- LOCATION OF DEVICES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL NOT USE EXISTING DEVICE POSITIONS. LOCATE ALL NEW DEVICES TO BEST SUIT SITE CONDITIONS, THE APPLICATION AND CODE REQUIREMENTS. LOCATE MODULES FOR ADDRESSABLE DEVICES IN HEATED AREAS.
- DEVICES IN UNHEATED AREAS SHALL BE SUITABLE FOR WEATHERPROOF AND COLD TEMPERATURE RATED. LOCATE MODULES FOR ADDRESSABLE DEVICES IN HEATED AREAS.
- WHERE POSSIBLE IN LIEU OF SURFACE MOUNT RACEWAY FOR HORNS, STROBES AND HORN/STROBE COMBO UNITS ON BLOCK WORK BELOW T-BAR CEILING, FISH THE BLOCK USING FLEXIBLE APPROVED CABLE TO CONCEAL THE WIRING IN THE BLOCK WORK. IN FINISHED AREAS, ALL RACEWAYS & BACKBOXES SHALL BE WIREMOLD V500/V700 SERIES. USE OF PAINTED (TO MATCH EXISTING SURFACE TO WHICH IT IS INSTALLED ON) CONDUIT WITH CAST ALUMINUM BACKBOXES (NO SHEET METAL BOXES WILL BE ACCEPTED), WHERE LARGE SIZE RACEWAYS ARE REQUIRED.
- ALL CONDUITS AND WIRING SHALL BE DONE AS PER APPLICABLE CODES INCLUDING ONTARIO BUILDING CODE, ONTARIO FIRE CODE, CAN/ULC-S524, CONTRACT DOCUMENTS AND AUTHORITIES HAVING JURISDICTION. RUN RISER CONDUITS IN FIRE RATED UTILITY ROOMS ONLY. RISER CONDUITS RUN IN CORRIDOR AND STAIRS WILL NOT BE ACCEPTABLE.
- GENERAL LOCATION OF EACH MECHANICAL EQUIPMENT IS SHOWN ON THE LAYOUT. NOTE THAT EQUIPMENT NUMBERS/DESIGNATION ARE GENERIC. VERIFY EQUIPMENT LABEL/NAME ON SITE (BASED ON LAMACOID LABELS, BAS GRAPHICS, ETC.) AND PROGRAM ACCORDINGLY.
- PROVIDE ALL NECESSARY RELAYS, CONTACTORS AND COMPONENTS REQUIRED TO FACILITATE SHUTDOWN OF THE MECHANICAL EQUIPMENT; REPLACE EXISTING STARTERS AS NECESSARY WITH NEW TO ALLOW FIRE ALARM CONNECTION. ALL COMPONENTS REQUIRED FOR SHUTDOWN SHALL BE LOCATED IN SERVICE SPACES ONLY (CUSTODIAN CLOSETS, MECHANICAL ROOMS OR ELECTRICAL ROOMS).
- PROVIDE A NEW FIRE ALARM CONTROL PANEL IN THE ELECTRICAL/GENERATOR ROOM AS SHOWN. PROVIDE POWER CONNECTION FROM A NEW 15A-1P BREAKER (PAINTED RED AND WITH KEY LOCK) FED THE MAIN 120/208V SWITCHBOARD IN THE MAIN ELECTRICAL ROOM. PROVIDE A SECOND NEW 15A-1P BREAKER (PAINTED RED AND WITH KEY LOCK) FED THE MAIN 120/208V SWITCHBOARD IN THE MAIN ELECTRICAL ROOM TO SERVE THE MONITORING EQUIPMENT. PROVIDE LAMACOID LABEL BESIDE EACH BREAKER; UPDATE ANY EXISTING PANEL DIRECTORIES WITH A NEW TYPED AND UPDATED DIRECTORY. SEE SCHEMATIC FOR MONITORING REQUIREMENTS. PROVIDE A LABEL ON THE DOOR STATING "FIRE ALARM CONTROL PANEL INSIDE". VERIFY THE EXACT LOCATION OF MOUNTING OF THE NEW FIRE ALARM CONTROL PANEL WITH THE CARETAKER PRIOR TO COMMENCING THE INSTALL. PROVIDE A NEW PASSIVE GRAPHIC BESIDE THE FIRE ALARM CONTROL PANEL.
- PROVIDE A NEW FIRE ALARM COLOUR PASSIVE GRAPHIC IN A POLYCARBONATE FRAME AND LED & LCD ANNUNCIATOR. INSTALL DURING SWITCHOVER AFTER REMOVAL OF THE EXISTING GRAPHIC AND ANNUNCIATOR AT THIS LOCATION. PROVIDE NEW WIRING AND RACEWAYS AS REQUIRED.
- REFER TO DRAWING E3 FOR NEW LAYOUT AND FIRE ALARM DEVICES IN THIS AREA.
- DISCONNECT THE EXISTING FLOW SWITCH AND SUPERVISORY VALVE AND TIE IT INTO THE NEW FIRE ALARM SYSTEM UPON SWITCHOVER. REMOVE ALL SUPERVISORY HARDWARE OFF OF THE EXISTING SUPERVISED VALVE(S) AND PROVIDE NEW SUPERVISORY HARDWARE ON THE EXISTING VALVE(S) AND TIE THEM INTO THE NEW FIRE ALARM SYSTEM UPON SWITCHOVER.
- PROVIDE NEW FIRE ALARM DEVICES, WIRING AND RACEWAYS TO SERVE THE PORTABLES. NOTE THAT THE DISTANCE TO THE PORTABLES IS NOT TO SCALE; SITE VERIFY ALL DIMENSIONS AND ROUTING OF WIRING FROM THE MAIN BUILDING TO THE PORTABLES AT THE TIME OF PRICING. PROVIDE NEW OVERHEAD OUTDOOR-RATED WIRING TO MATCH THE ROUTING OF THE EXISTING WIRING.

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

LOCATION
Downsview
Public School
2829 Keele Street
Toronto, Ontario. M3M 2G7

PROJECT
ACCESSIBILITY UPGRADES

DRAWING TITLE	
FIRST FLOOR - NEW FIRE ALARM SYSTEM PLAN	
TDSB PROJECT No:	TR-25-XXXX
DATE:	FEBRUARY 2026
SCALE:	AS NOTED
DRAWING BY:	RS
APPROVED BY:	SS

E7

DRAWINGS NOTES

- ALL DEVICES SHOWN ON THIS DRAWING ARE NEW UNLESS OTHERWISE STATED. SUPPLY AND INSTALL NEW FIRE ALARM DEVICES, CONDUITS AND WIRING AS SHOWN ON THE DRAWING AND IN ACCORDANCE WITH THE SPECIFICATIONS. REFER TO BOOK SPECIFICATIONS FOR MORE DETAILS.
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- DEVICES IN UNHEATED AREAS SHALL BE SUITABLE FOR WEATHERPROOF AND COLD TEMPERATURE RATED. LOCATE MODULES FOR ADDRESSABLE DEVICES IN HEATED AREAS.
- WHERE POSSIBLE IN LIEU OF SURFACE MOUNT RACEWAY FOR HORNS, STROBES AND HORN/STROBE COMBO UNITS ON BLOCK WORK BELOW T-BAR CEILING, FISH THE BLOCK USING FLEXIBLE APPROVED CABLE TO CONCEAL THE WIRING IN THE BLOCK WORK. IN FINISHED AREAS, ALL RACEWAYS & BACKBOXES SHALL BE WIREMOLD V500/V700 SERIES. USE OF PAINTED (TO MATCH EXISTING SURFACE TO WHICH IT IS INSTALLED ON) CONDUIT WITH CAST ALUMINUM BACKBOXES (NO SHEET METAL BOXES WILL BE ACCEPTED), WHERE LARGE SIZE RACEWAYS ARE REQUIRED.
- ALL CONDUITS AND WIRING SHALL BE DONE AS PER APPLICABLE CODES INCLUDING ONTARIO BUILDING CODE, ONTARIO FIRE CODE, CAN/ULC-S524, CONTRACT DOCUMENTS AND AUTHORITIES HAVING JURISDICTION. RUN RISER CONDUITS IN FIRE RATED UTILITY ROOMS ONLY. RISER CONDUITS RUN IN CORRIDOR AND STAIRS WILL NOT BE ACCEPTABLE.
- GENERAL LOCATION OF EACH MECHANICAL EQUIPMENT IS SHOWN ON THE LAYOUT. NOTE THAT EQUIPMENT NUMBERS/DESIGNATION ARE GENERIC. VERIFY EQUIPMENT LABEL/NAME ON SITE (BASED ON LAMACOID LABELS, BAS GRAPHICS, ETC.) AND PROGRAM ACCORDINGLY.
- PROVIDE ALL NECESSARY RELAYS, CONTACTORS AND COMPONENTS REQUIRED TO FACILITATE SHUTDOWN OF THE MECHANICAL EQUIPMENT; REPLACE EXISTING STARTERS AS NECESSARY WITH NEW TO ALLOW FIRE ALARM CONNECTION. ALL COMPONENTS REQUIRED FOR SHUTDOWN SHALL BE LOCATED IN SERVICE SPACES ONLY (CUSTODIAN CLOSETS, MECHANICAL ROOMS OR ELECTRICAL ROOMS).
- LOCATE NEW DUCT SMOKE DETECTORS AS PER MANUFACTURER RECOMMENDATIONS AND APPLICABLE CODE. VERIFY EXACT LOCATION OF EXISTING DUCTS AND SMOKE DETECTOR LOCATION PRIOR TO INSTALLATION OF NEW DETECTORS.
- PROVIDE A FIRE ALARM SHUTDOWN SIGNAL TO MECHANICAL EQUIPMENT NOTED. ALL MECHANICAL UNITS PROPOSED SHALL BE SHUT DOWN IN THE EVENT OF A GENERAL ALARM. ONLY EXHAUST FANS WITH RATED CFM VALUES OF 300 CFM OR MORE ARE PROPOSED TO BE SHUT DOWN.

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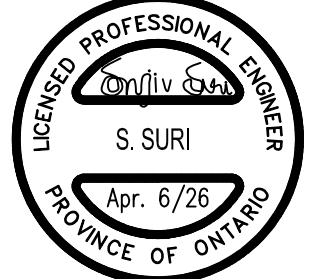
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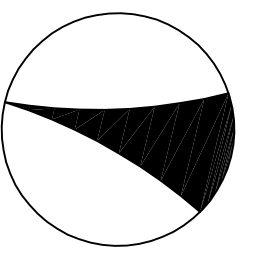
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Facility Services Department
Design & Construction Division
15 Oakburn Cres. Toronto, Ontario M2N 2T5
t. 416-395-4588 / f. 416-395-9734

LOCATION

Downsview
Public School
2829 Keele Street
Toronto, Ontario. M3M 2G7

PROJECT

ACCESSIBILITY UPGRADES

DRAWING TITLE

ROOF – NEW FIRE ALARM SYSTEM PLAN

TDSB PROJECT No:	TR–25–XXXX	DRAWING No
DATE:	FEBRUARY 2026	E8
SCALE:	AS NOTED	
DRAWING BY:	RS	
APPROVED BY:	SS	