Parkdale Collegiate Institute
Accessibility Upgrade

TDSB# TR-25-0958
209 Jameson Avenue
Toronto, Ontario M6K 2Y3

LIST OF DRAWINGS

A000 DRAWING LIST & OBC MATRIX

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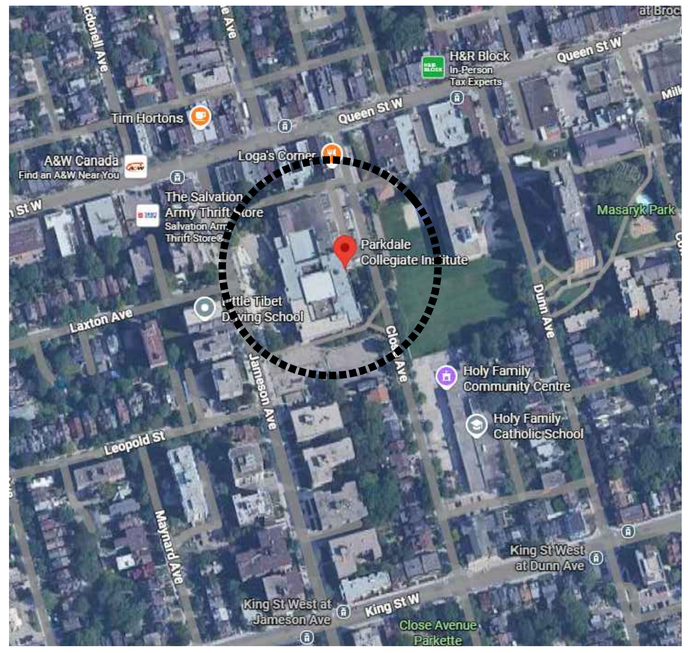

LOCATION PLAN
N.T.S.

NORTH

NAME OF CONSULTANT : BARRY BRYAN ASSOCIATES
CERTIFICATE OF PRACTICE NUMBER : 5192
250 WATER STREET, SUITE 201
WHITBY, ONTARIO, CANADA. LIN 0G5
TEL : (905) - 666 - 5252
(Toronto) (905) - 427 - 4495
FAX : (905) - 666 - 5256

NAME OF PROJECT :
PARKDALE COLLEGIATE INSTITUTE ACCESSIBILITY UPGRADE

LOCATION OF PROJECT :
209 JAMESON AVENUE, TORONTO, ON M6K 2Y3

DATE :
APRIL 2026

	Ontario Building Code Data Matrix Part 11 - Renovation of Existing Building		OBC Reference
11.00	Building Code Version:	O. Reg. 163/24 Last Amendment: O. Reg. 447/24	
11.01	Project Type:	☐ Addition ☑ Renovation ☐ Addition and Renovation ☐ Change of use Description ACCESSIBILITY UPGRADES	[A] 1.3.3.3B
11.02	Major Occupancy Classification:	Occupancy: GROUP A2; - ; - Use: INSTITUTIONAL (SCHOOL); - ; -	3.1.2.1.(1),.2.1.4.1.(1) 10.1.1.2, and 11.2.1.
11.03	Superimposed Major Occupancies:	☐ Yes ☑ No Description -	11.2, 3.2.2.5 to 3.2.2.8 and 2.2.1
11.04	Building Area (m²)	Description: BUILDING AREA; - ; - Existing: ± 5,545; - ; - New: ± 37.64; - ; - Total: ± 5,582.64; - ; - Total= ± 5,545 ± 37.64 ± 5,582.64	[A] 1.4.1.2., 11.2 and 11.3
11.05	Building Height (NO CHANGE)	2 Storeys above grade; 1 Storeys below grade; 10.5 (m) Above grade	[A] 1.4.1.2, 3.2.1.1, 2.2.2.2 and 11.3
11.06	Number of streets/ fire fighter access:	No change street(s)	3.2.2.10, 3.2.5, 2.2.4.1 and 11.3
11.07	Building Size: (NO CHANGE)	☐ Small ☐ Medium ☑ Large ☐ > Large	11.2.1.1 and T.11.2.1.1.B.-N.
11.08	Existing Building Classification:	Change in Major Occupancy: ☐ Yes ☑ Not Applicable (no change of major occupancy) Construction Index: 4 Hazard Index: 6 Importance Category: ☐ Low ☐ Normal ☑ High ☐ Post-disaster	10.1.1.2, 11.2.1.1 T11.2.1.1A T11.2.1.1B to N, 4.1.2.1(3), 2.3.1 & 5.2.2.1.(2)
11.09	Renovation Type:	☑ Basic Renovation ☐ Extensive Renovation	11.3.3.1 & 11.3.3.2
11.10	Occupant Load: (NO CHANGE)	Floor Level/ Area; Occupancy Type; Based On; Occup. Load (persons) - - - - - - - -	3.1.17, 2.1.2.2 and 11.4.2.2.
11.11a	Plumbing Fixture Requirements: OVERALL PLUMBING FIXTURE NUMBERS REMAIN UNCHANGED	Ratio: Male/Female = 50:50 Except as noted otherwise Floor level/ Area; Occupant Load; OBC Reference; WC's Required; WC's Provided	3.7.4, 11.3.4, 11.3.5, 11.4.2.4 & 11.4.2.5.
11.11b	Plumbing Fixture Requirements: cont. (NO CHANGE)	Floor level/ Area (Repeated); B.F. WC's Required; B.F. WC's Provided; Universal Washrooms Required; Universal Washrooms Provided NO CHANGE	Tables 3.8.2.3.A and 3.8.2.3.B
11.12	Barrier-free Design: Barrier-free Entrances:	☑ Yes ☐ No Explaination Number Explaination	11.3.1.2, 11.3.2, 11.3.3.2
11.13	Reduction in Performance Level:	Structural ☑ No ☐ Yes By Increase in occupant load: ☑ No ☐ Yes By change of major occupancy: ☑ No ☐ Yes Plumbing ☑ No ☐ Yes Sewage - system: ☑ No ☐ Yes Extension of buildings of combustible construction: ☑ No ☐ Yes	11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5 11.4.2.6
11.14	Compensating Construction:	☐ Yes ☑ No Structural ☑ No ☐ Yes By Increase in occupant load: ☑ No ☐ Yes By change of major occupancy: ☑ No ☐ Yes Plumbing ☑ No ☐ Yes Sewage - system: ☑ No ☐ Yes Extension of buildings of Combustible Construction: ☑ No ☐ Yes	11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5 11.4.2.6 11.4.2.7
11.15	Compliance Alternatives Proposed:	☑ No ☐ Yes	11.5.1.
11.16	Alternative Solutions:		[A] 1.2.1.1, and [C]2.1
11.17	Notes:	ACCESSIBILITY UPGRADES, ADDITION OF NEW ELEVATOR, RECONFIGURE AN EXISTING WASHROOM TO CREATE A UNIVERSAL WASHROOM	

CONSULTANTS

ARCHITECTURAL / STRUCTURAL:

BARRY BRYAN ASSOCIATES
250 WATER STREET, SUITE 201
WHITBY, ONTARIO, CANADA. LIN 0G5
TEL : (905) - 666 - 5252
(Toronto) (905) - 427 - 4495
FAX : (905) - 666 - 5256

MECHANICAL / ELECTRICAL:

MCW Consultants Ltd.

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tdsb Toronto District School Board

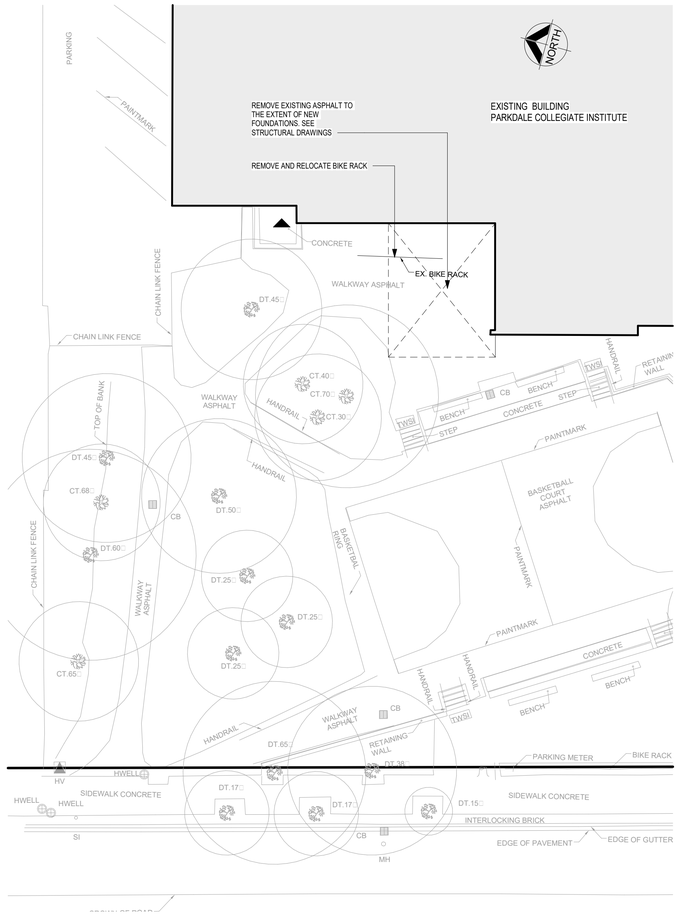
NO.	ISSUES/ REVISIONS	DATE	BY
1	ISSUED FOR CLIENT REVIEW	FEB. 26, 2026	BBA
2	ISSUED FOR PERMIT & TENDER	APRIL 1, 2026	BBA
3	ISSUED FOR TENDER	APRIL 29, 2026	BBA

BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

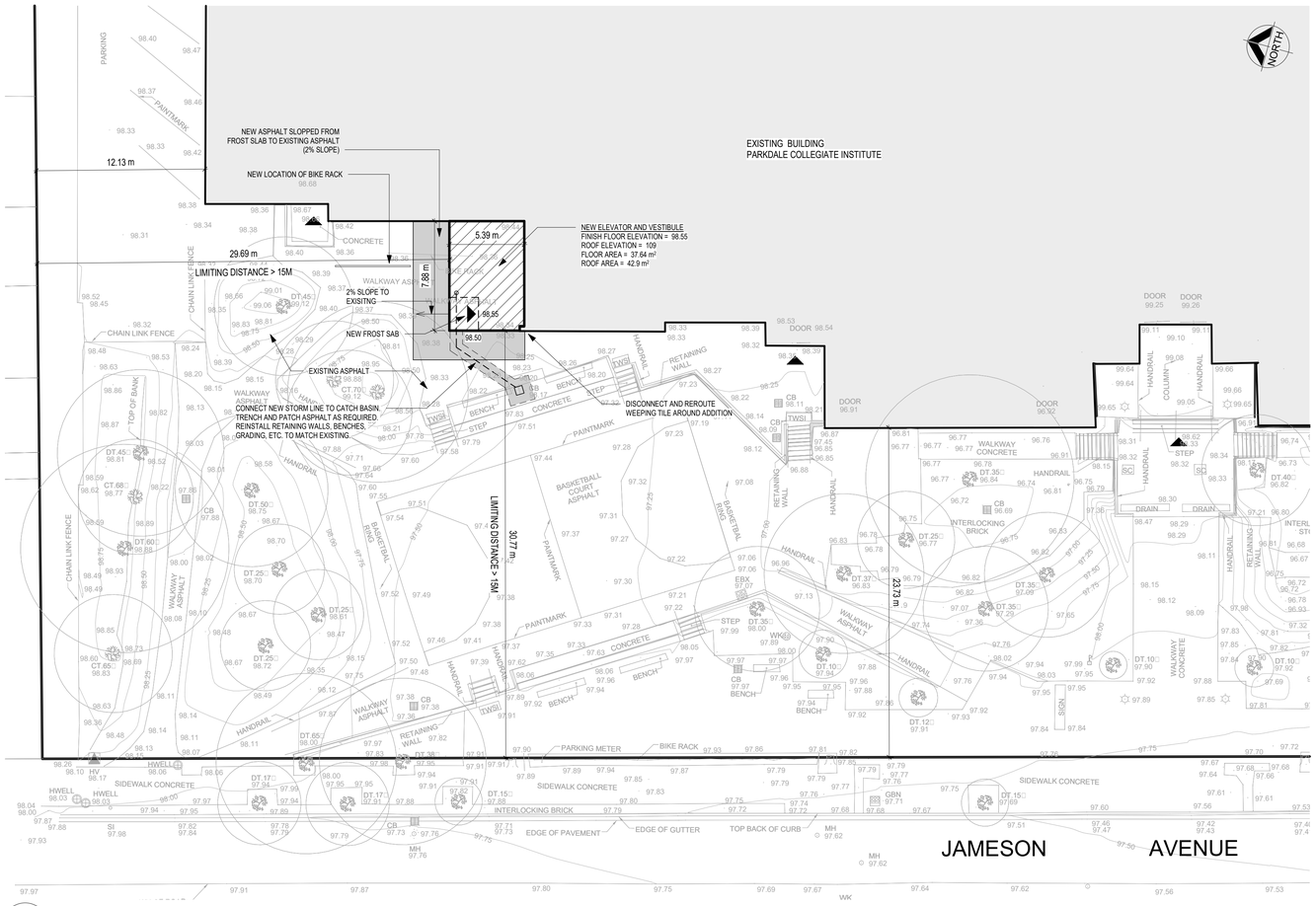
DRAWING:
DRAWING LIST & OBC MATRIX

DESIGN BY: CG
DRAWN BY: NV
CHECKED BY: -
DATE: DEC. 2025
SCALE: AS NOTED
SEAL:
PROJECT NO: 25253
DRAWING NO: A000



3 A101 PART SITE DEMO PLAN

1 : 200



2 A101 PART SITE PLAN

1 : 200

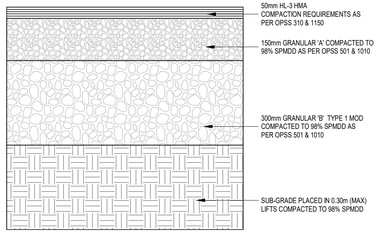
SITE STATISTICS

BUILDING AREA (EXISTING)	= +/- 5545 m²
BUILDING AREA (NEW)	= 37.64 m²
TOTAL BUILDING AREA	= +/-5582.64
SITE AREA	= 14791.68m²
COVERAGE (EXISTING)	= 37.48%
COVERAGE (NEW)	= 37.74%
BUILDING SETBACKS	= NO CHANGE

LIMITING DISTANCE (ADDITION)
NORTH = 29.69m (Permitted unprotected openings = 100% , FRR = N/A)
WEST = 30.77m (Permitted unprotected openings = 100% , FRR = N/A)
SOUTH = NA
EAST = NA

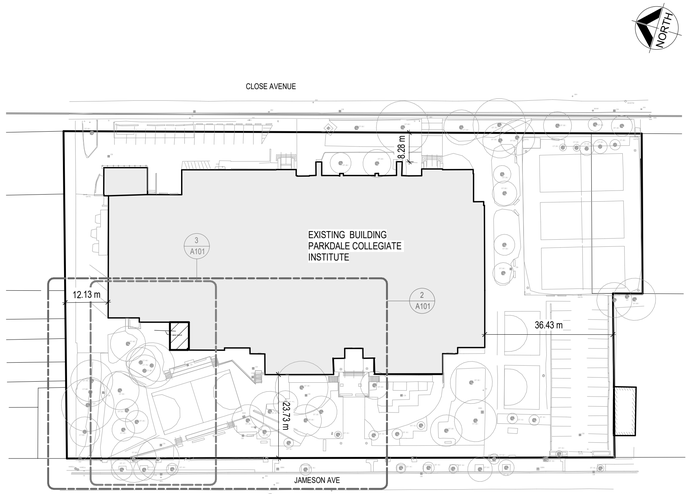
SITE PLAN LEGEND:

- AREA OF PROPOSED BUILDING
- EXISTING BUILDING
- LIMITS OF NEW ASPHALT SLOPPED FROM FROST SLAB TO EXISTING ASPHALT
- EXITS
- EXISTING TREES



4 A101 DETAIL PAVEMENT STRUCTURE

1 : 10



1 A101 KEY SITE PLAN

1 : 800

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Toronto District School Board

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BBA
BARRY BRYAN ASSOCIATES

PROJECT:

PARKDALE COLLEGIATE INSTITUTE ACCESSIBILITY UPGRADE TDSB# TR-25-0958

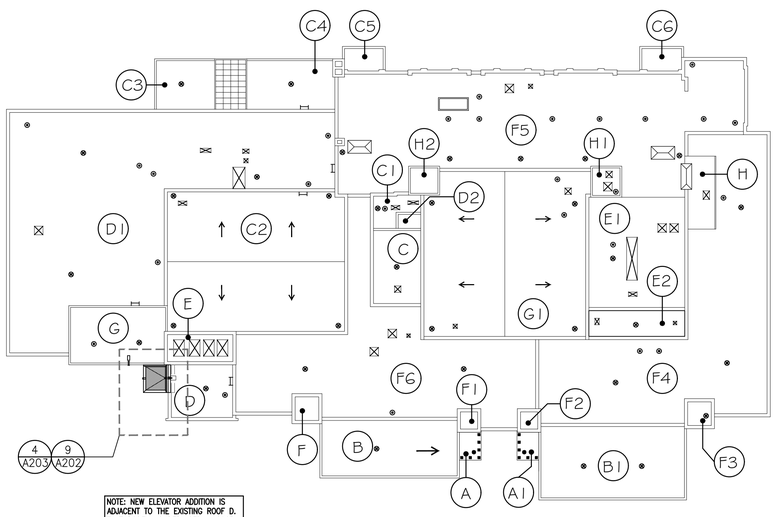
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:

SITE PLAN

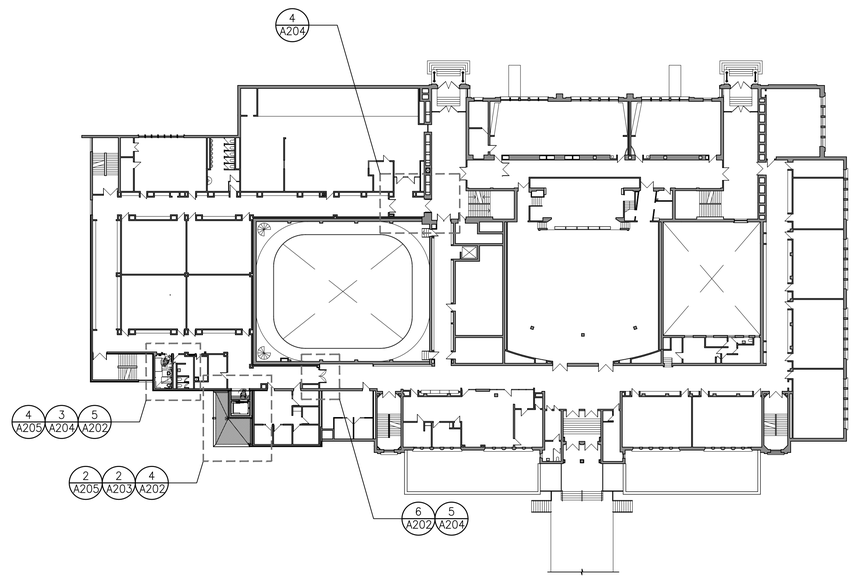
DESIGN BY: *Designer*
DRAWN BY: *Author*
CHECKED BY: *Checker*
DATE: *09/09/24*
SCALE: *As indicated*
SEAL:

PROJECT NO: **25253**
DRAWING NO: **A101**



NOTE: NEW ELEVATOR ADDITION IS ADJACENT TO THE EXISTING ROOF D. THAT ROOF WAS REPLACED IN 2023 AND IS UNDER ACTIVE SOPREMA WARRANTY. ONLY TDSB AND SOPREMA APPROVED ROOFING VENDORS CAN WORK ON THE TIE-IN TO THE EXISTING BUILDING AND ROOF ENSURING ADVANCED COORDINATION WITH THE MANUFACTURER

4 / A201 ROOF PLAN
1:400



2 / A201 1ST FLOOR PLAN
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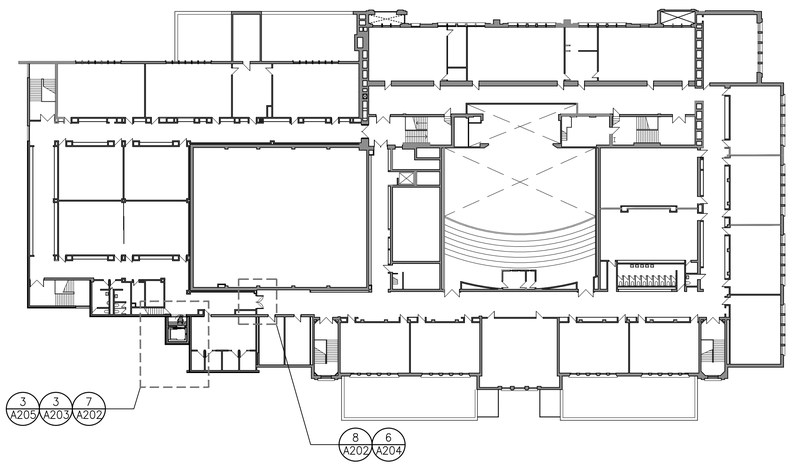

3 / A201 2ND FLOOR PLAN
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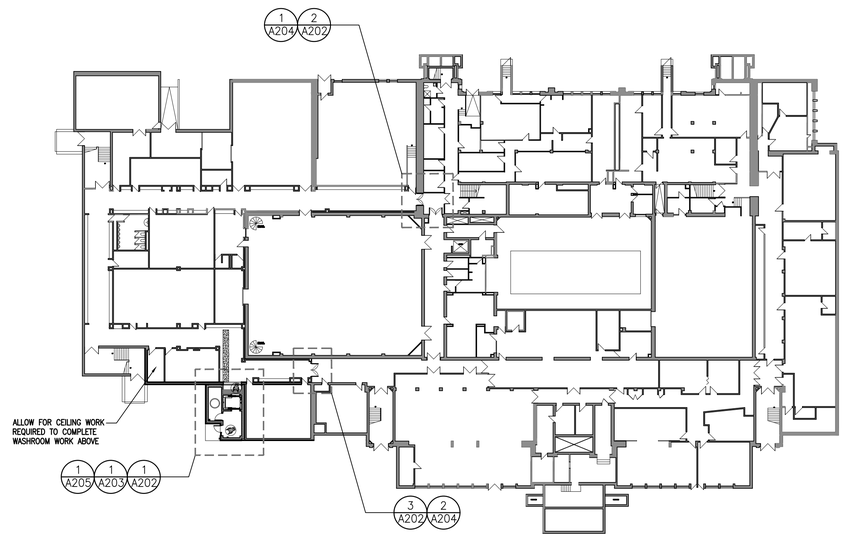

1 / A201 BASEMENT FLOOR PLAN
1:400

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Toronto District School Board

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BBA
BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
KEY FLOOR PLANS

DESIGN BY: BBA
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-22
SCALE: AS NOTED
SEAL:
PROJECT NO: 25253
DRAWING NO: A201

GENERAL DEMOLITION NOTES

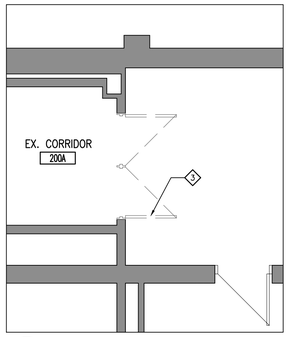
1. SITE VERIFY ALL DIMENSIONS AND CONDITIONS.
2. ALL WORK TO BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AND THE OCCUPATIONAL HEALTH AND SAFETY ACT REGULATIONS FOR CONSTRUCTION PROJECTS.
3. PROVIDE PROTECTION IN LOCATIONS APPROVED BY THE OWNER AND CONSULTANT SO AS NOT TO DAMAGE EXISTING STRUCTURE, LANDSCAPE OR PART THEREOF.
4. COMPLETE ALL DEMOLITION WORK NECESSARY TO COMPLETE THE RENOVATIONS AS SHOWN AND AS REQUIRED. DEMOLITION OF BUILDING ELEMENTS INCLUDES COMPLETE REMOVAL OF ALL ASSOCIATED FIXTURES, FITTINGS, HARDWARE, FASTENERS, EQUIPMENT AND ACCESSORIES UNLESS NOTED OTHERWISE.
5. ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DEMOLITION DRAWINGS ARE COMPLEMENTARY AND SHALL BE READ TOGETHER.
6. PROVIDE ALL SHORING AS REQUIRED. SHORING SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER.
7. NOTIFY CONSULTANT OF LOAD BEARING MEMBERS OR ASSEMBLIES IDENTIFIED OR DISCOVERED DURING WORK AND NOT INDICATED ON DRAWINGS. DO NOT PROCEED WITH REMOVALS WITHOUT PRIOR REVIEW BY THE CONSULTANT.
8. PROVIDE TEMPORARY SUPPORT OF PIPES, DUCTS AND ELECTRICAL CHASES AS REQUIRED FOR SAFE REMOVAL. EXISTING AND PROPOSED SUPPORTS ARE TO BE REVIEWED BY THE CONSULTANT PRIOR TO THE REMOVAL OF ANY COMPONENTS WHICH MAY FALL. OR CAUSE OTHERS TO FALL.
9. MAINTAIN WORK AREAS AND STORAGE AREAS CLEAN AND ORDERLY AT ALL TIMES.
10. REMOVAL OF EXISTING FLOOR FINISHES IS TO INCLUDE COMPLETE REMOVAL OF BASE AND ALL MORTAR AND ADHESIVES AND PREPARATION OF EXISTING SUBSTRATES TO RECEIVE NEW FLOORING, SATISFACTORY TO THE MANUFACTURER OF NEW FLOOR FINISHES. ALLOW FOR EXCESSIVE LEVELING OF SLABS.
11. DEMOLITION INCLUDES ALL ASSOCIATED MECHANICAL AND ELECTRICAL SERVICES, EQUIPMENT, FITTINGS, FIXTURES, HANGERS, BRACKETS, TRIM AND ACCESSORIES AS REQUIRED TO COMPLETE THE WORK.
12. SAWCUT, BREAK OUT AND MAKE GOOD ALL EXISTING FLOOR SLABS WHERE REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING AND OTHER BURIED SERVICES AS INDICATED ON MECHANICAL AND ELECTRICAL DRAWINGS.
13. MAINTAIN EXISTING FIRE RATINGS.
14. REMOVAL OF DOORS AND FRAMES IS TO INCLUDE REMOVAL OF ALL HARDWARE. ALL HARDWARE TO BE TURNED OVER TO THE OWNER.
15. REMOVE ALL PROTRUSIONS IN FLOOR SLAB AND GRIND DOWN TO FLOOR LEVEL.
16. CLEAN AND REPAIR ALL EXISTING SURFACES TO REMAIN, AS NECESSARY TO RECEIVE NEW FINISHES.
17. DISCONNECT AND CAP OFF ALL SERVICES PRIOR TO DEMOLITION.
18. DISPOSE OF MATERIALS OFF SITE.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STRUCTURE OR FINISHES SHOWN TO REMAIN AND REPAIR / REPLACE SAME TO THE SATISFACTION OF THE OWNER AND CONSULTANT.

DEMOLITION NOTES

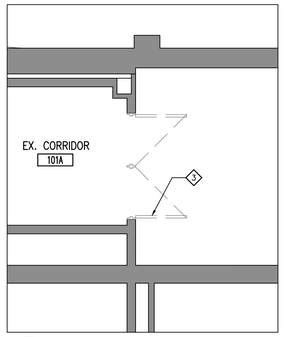
1. APPROXIMATE FOOT PRINT OF ADDITION. CLEAR AREA AND EXCAVATE AS REQUIRED TO COMPLETE NEW WORK.
2. PROVIDE SHORING, SAWCUT, REMOVE AND DISPOSE OF EXISTING EXTERIOR MASONRY WALL AS REQUIRED FOR NEW WORK. PROVIDE LINTEL ABOVE
3. REMOVE & DISPOSE OF EXISTING DOOR, FRAME & HARDWARE. PATCH & MAKE GOOD WALLS, CEILING & TERRAZZO FLOOR. ALLOW FOR ADJUSTMENT TO OPENING AS NEEDED TO ACCOMODATE NEW FRAMES AND HARDWARE.
4. SAWCUT, REMOVE & DISPOSE PART OF EXISTING MASONRY WALL AS REQUIRED FOR NEW WORK. PATCH & MAKE GOOD WALL & FLOOR. PROVIDE TEMPORARY SHORING & LINTEL ABOVE.
5. REMOVE & DISPOSE OF EXISTING ENTIRE PARTITIONS, FIXTURES AND ACCESSORIES. PATCH & MAKE GOOD WALLS & FLOOR.
6. REMOVE & DISPOSE PART OF EXISTING BLOCK WALL PARTITION. PATCH AND MAKE GOOD TO MATCH EXISTING TERRAZZO FLOOR & BASE.
7. CUT, REMOVE AND DISPOSE OF EXISTING RAISED URINAL BASE. PATCH AND MAKE GOOD TO MATCH EXISTING TERRAZZO FLOOR & BASE.
8. REMOVE AND DISPOSE OF EXISTING CEILING INCLUDING LIGHTING, EXHAUST GRILLE & ACCESS PANEL. SEE ALSO MECH. & ELECT. DEMO PLAN
9. REMOVE & DISPOSE EXISTING TERRAZZO FLOOR FINISH INCLUDING BASE. PREPARE AND MAKE GOOD SURFACE FOR NEW FINISH. ADD CONCRETE TOPPING AND LEVEL OR FEATHER AS REQUIRED SO THAT NEW FLOOR FINISH IS LEVEL WITH EXISTING.
10. REMOVE PART OF EXISTING CEILING BELOW WASHROOM AREA AS REQUIRED TO ALLOW FOR NEW PLUMBING INSTALLATION. RE-BUILD AFTER TO MATCH EXISTING.
11. CUT, REMOVE & DISPOSE PART OF EXISTING ROOF FLASHING & ROOFING AS REQUIRED FOR NEW WORK. PATCH & MAKE GOOD.
12. REMOVE PART OF EXISTING T-BAR CEILING AS REQUIRED FOR NEW WORK, RE-INSTATE AFTER. REPLACE ANY DAMAGE CEILING TILE WITH NEW TO MATCH EXISTING. PATCH & MAKE GOOD CEILING & WALLS.
13. SAWCUT, REMOVE & DISPOSE PART OF EXISTING SLAB ON GRADE AS REQUIRED FOR NEW PLUMBING WORKS. PATCH AND MAKE GOOD SLAB & TERRAZZO FLOOR FINISH TO NEXT GOOD PANEL & MATCH EXISTING.
14. REMOVE AND DISPOSE OF EXISTING WASHROOM PARTITIONS & DOORS. PATCH & MAKE GOOD WALLS & FLOOR.

DEMOLITION LEGEND

- EXISTING WALL, PARTITION OR COLUMN TO REMAIN
- DENOTES DEMOLITION OF BUILDING ELEMENT/PARTITIONS
- EXISTING DOOR, FRAME AND TRIM TO REMAIN
- EXISTING DOOR, FRAME AND TRIM TO BE CAREFULLY REMOVED AND DISPOSED.
- HATCH DENOTES APPROXIMATE EXTENT OF EX. FLOOR SLAB TO BE CUT FOR NEW PLUMBING



8 / A202 2ND FLR. DEMO. PLAN
1:50



6 / A202 1ST FLR. DEMO. PLAN
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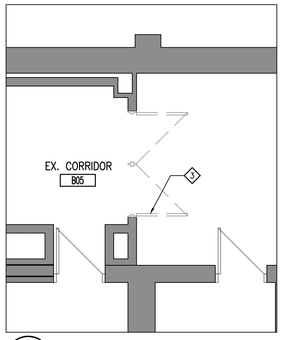
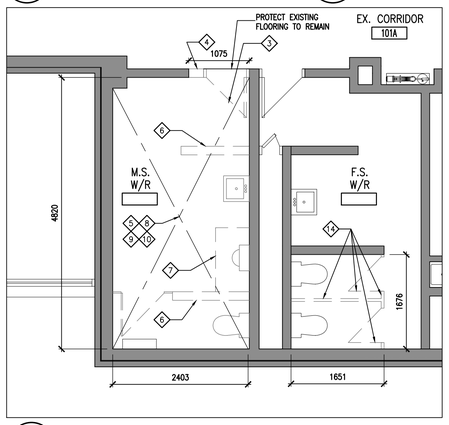
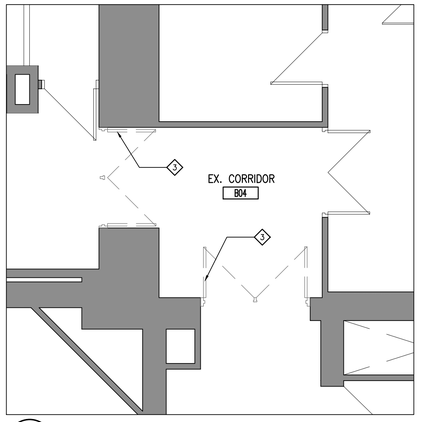


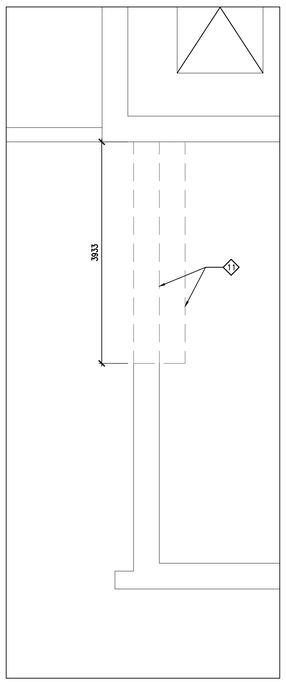
3 / A202 BASEMENT DEMO. PLAN
1:50



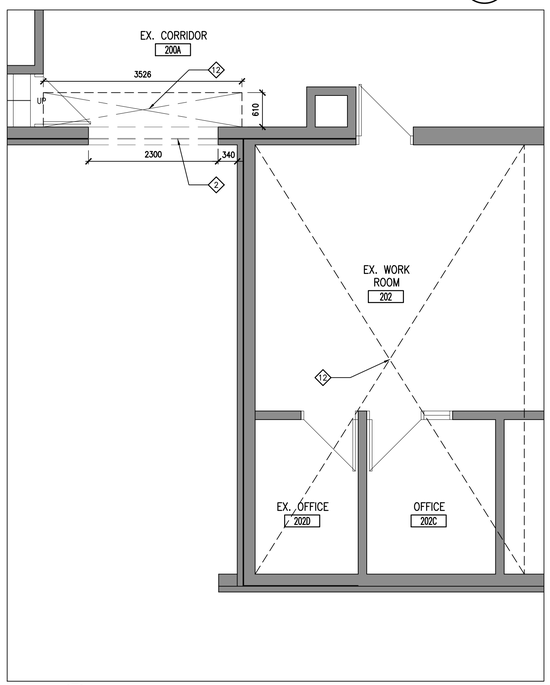
5 / A202 PART 1ST FLR DEMO. PLAN
1:50



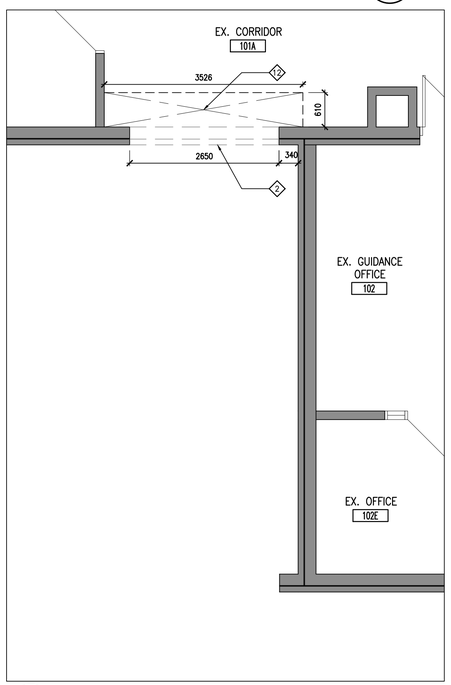
2 / A202 PART BASEMENT DEMO. PLAN
1:50



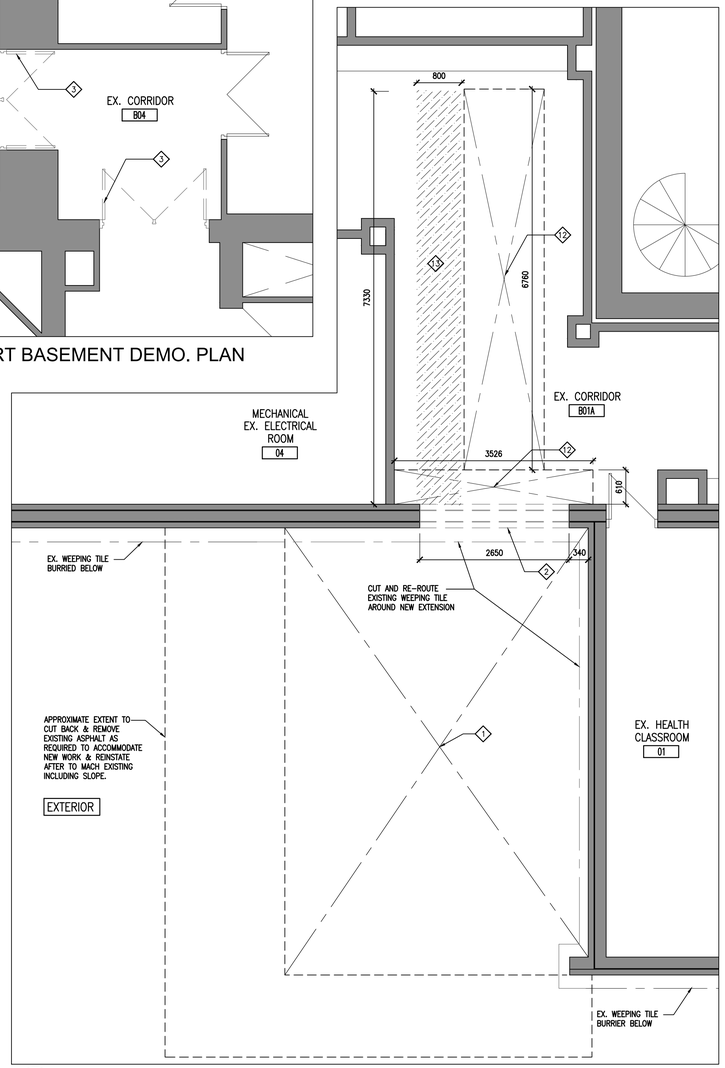
9 / A202 PART ROOF DEMO. PLAN
1:50



7 / A202 PART 2ND FLOOR DEMO. PLAN
1:50



4 / A202 PART 1ST FLOOR DEMO. PLAN
1:50



1 / A202 PART GROUND/BASEMENT FLOOR DEMO. PLAN
1:50

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Toronto District School Board

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3	ISSUED FOR TENDER	APRIL 29, 2026	BBA

BBA
BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
PART DEMO. PLANS

DESIGN BY: BBA
SEAL:
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-20
SCALE: 1:50
PROJECT NO: 25253
DRAWING NO: A202

FLOOR TYPE SCHEDULE

F1	102mm CONCRETE SLAB ON GRADE CONT. UNDERSLAB VAPOUR BARRIER
F1A	38mm TERRAZZO FINISHED FLOOR 102mm CONCRETE SLAB ON GRADE CONT. UNDERSLAB VAPOUR BARRIER
F2	38mm TERRAZZO FINISHED FLOOR 64mm CONCRETE ON 38 COMPOSITE STEEL DECK CONT. 1 HR CEMENTITIOUS SPRAYED FIRE PROOFING TO UNDERSIDE OF STEEL DECK & BEAMS/ SUPPORTING STRUCTURE

WALL TYPES SCHEDULE

405 W1	MASONRY VENEER WALL 90mm BRICK VENEER 25mm AIR SPACE 100mm RIGID INSULATION (R20) CONT. SELF ADHERED VAPOUR BARRIER 190mm CONCRETE BLOCK
355 W2	METAL CLAD WALL ±38mm VERTICAL METAL SIDING 25mm HORIZ. GIRTS WITH 102 THERMAL CLIPS 100mm RIGID INSULATION (R20) CONT. SELF ADHERED VAPOUR BARRIER 190mm CONCRETE BLOCK

ROOF TYPE SCHEDULE

R1	2 PLY MODIFIED BITUMEN ROOFING 2 PLY MODIFIED BITUMEN ROOFING MEMBRANE 13mm PROTECTION BOARD 2 LAYERS OF 76mm RIGID INSULATION TAPERED INSULATION (WHERE SHOWN ON PLAN) VAPOUR RETARDER 13mm EXT. GYPSUM UNDER LAYMENT BOARD STEEL ROOF DECK

PARTITION TYPES SCHEDULE

190 P1	190mm CONCRETE BLOCK TO U/S OF STRUCTURE
240 P2	240mm CONCRETE BLOCK TO U/S OF STRUCTURE
F1	16mm GYPSUM BOARD ON 64mm METAL STUD @ 400 O.C.

ROOF NOTATION LEGEND

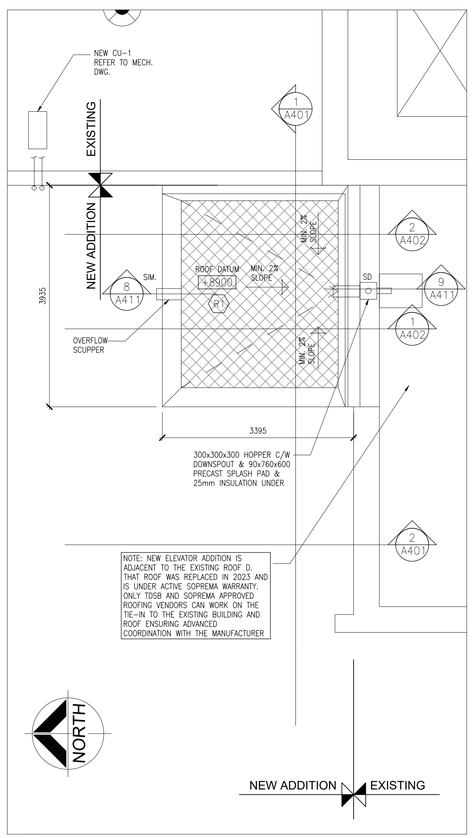
R1	ROOF TYPE (REFER TO ROOF TYPE SCHEDULE & SPECIFICATION)
ROOF DATUM 4000	ROOF DATUM (UNDERSIDE OF STEEL ROOF DECK @ HIGH POINT OR UNDERSIDE OF HOLLOW CORE SLAB.
	INDICATE DIRECTION OF ROOF DRAINAGE (MIN. 2% SLOPE)
	INDICATES AREA OF ROOF WITH TAPERED INSULATION (MIN. 2% SLOPE)
RD	ROOF DRAIN
SD	SCUPPER DRAIN

PARTITION & FURRING NOTES

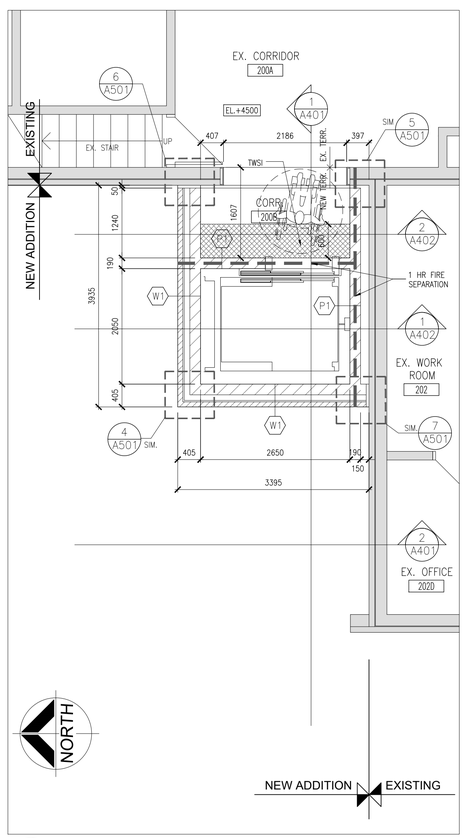
1. UNLESS OTHERWISE NOTED, ALL PARTITIONS TERMINATE AT UNDERSIDE OF FLOOR OR ROOF STRUCTURE, U.N.O.
2. ALL GYPSUM BOARD BULKHEADS AND PARTITIONS ABOVE MASONRY WALLS OR GLAZING TO BE BRACED AS REQUIRED (TYP.).
3. ALL OUTSIDE CORNERS OF EXPOSED INTERIOR BLOCK WALLS TO BE BULLNOSED BLOCKS. GROUNDING CORNERS ON A JIG WILL BE REJECTED.
4. ALL FULL HEIGHT MASONRY PARTITIONS SHALL BE CONNECTED TO THE U/S OF ROOF DECK U.N.O.
5. ALL ENDS OF TERMINATED EXPOSED MASONRY BLOCK WALLS MUST BE GROUTED SOLID INCLUDING DOORS/ OPENINGS.
6. PROVIDE FIRE STOPPING/ SMOKE SEAL AT TOPS OF ALL RATED PARTITIONS/ FURRING TYPES AT UNDERSIDE OF ROOF DECK C/W INFILL OF FLUTES.
7. ALL PENETRATIONS THROUGH RATED PARTITIONS/ FIREWALL ARE TO BE FIRESTOPPED WITH LISTED FIRESTOPPING SYSTEM.

FLOOR PLAN NOTATION LEGEND

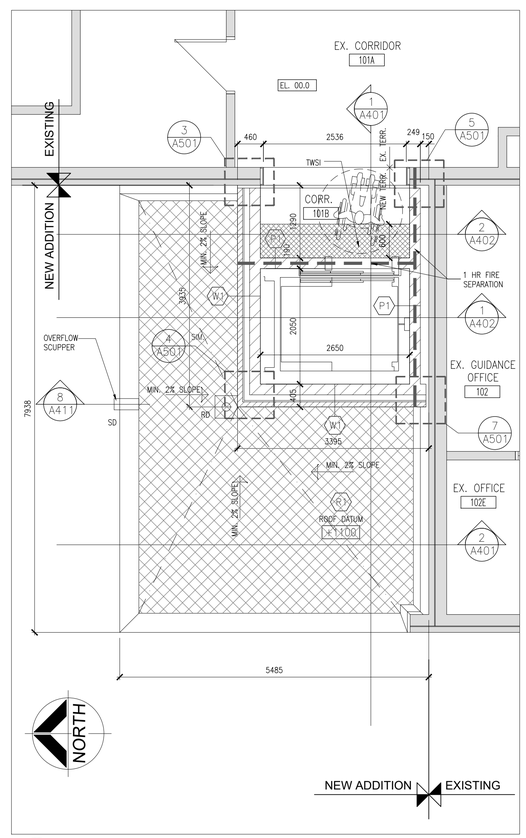
CORRIDOR CA	ROOM NAME & NUMBER
WX	EXTERIOR WALL TYPE
PX	INTERIOR PARTITION OR FURRING TYPE
101	DOOR NUMBER
1 A200	WALL SECTION REFERENCE
D C A B 1 A901	INTERIOR ELEVATION REFERENCE NUMBER
	NEW DOOR
	EXISTING DOOR
	DOOR WITH DOOR OPERATOR
PB	BARRIER FREE DOOR OPERATOR PUSH BUTTON
PL	PUSH TO LOCK PUSH BUTTON
EM	EMERGENCY ASSISTANCE CALL BUTTON



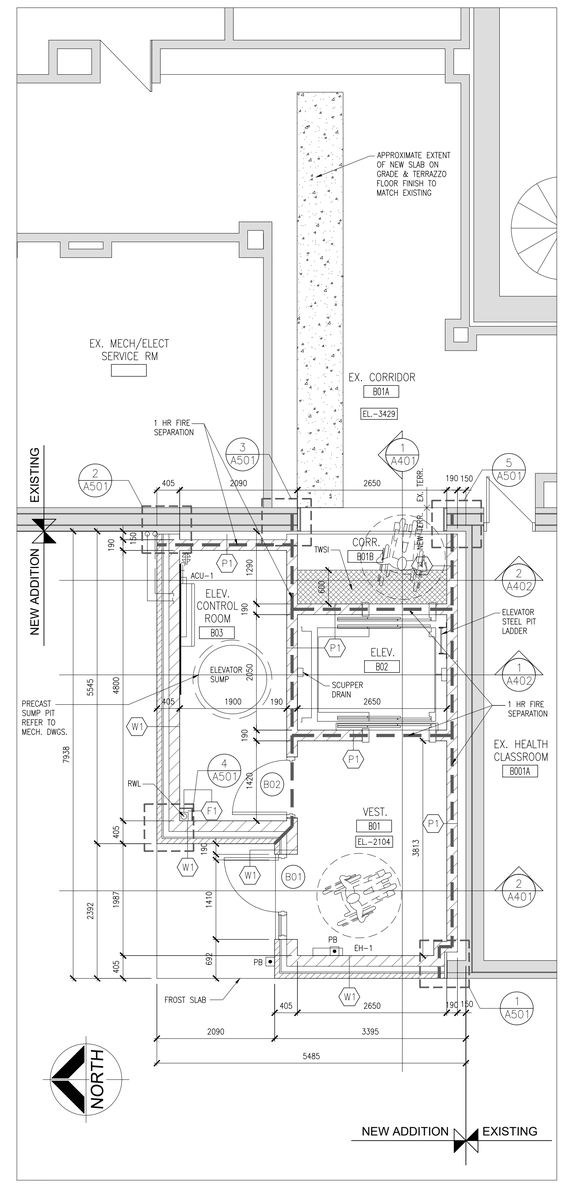
4 A203 PART ROOF PLAN
1:50



3 A203 PART 2ND FLOOR PLAN
1:50



2 A203 PART 1ST FLOOR PLAN
1:50



1 A203 PART BASEMENT/GROUND FLOOR PLAN
1:50

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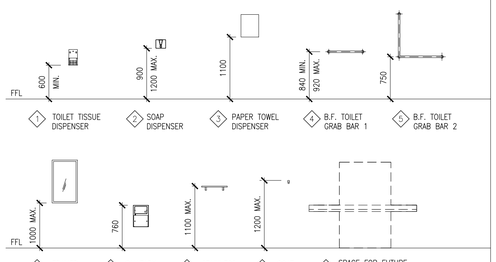
BBA
BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
PART FLOOR PLANS

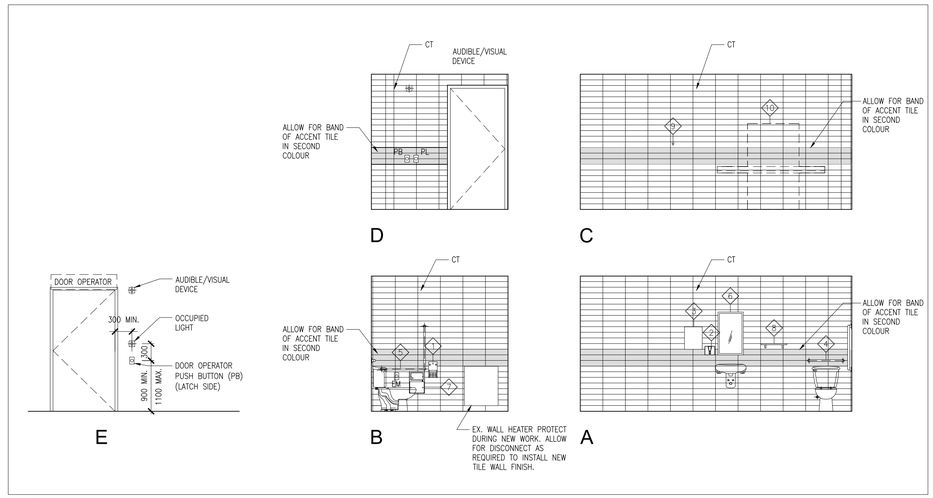
DESIGN BY: BBA	SEAL:
DRAWN BY: NV	
CHECKED BY: CG	
DATE: 2026-01-22	
SCALE: 1:50	
PROJECT NO: 25253	DRAWING NO: A203

WASHROOM ACCESSORIES MOUNTING HEIGHTS

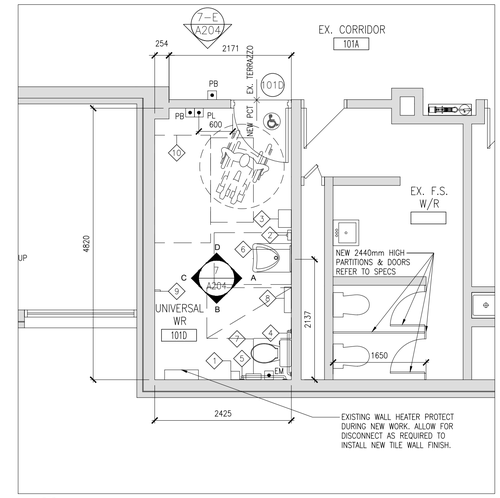


NOTES:

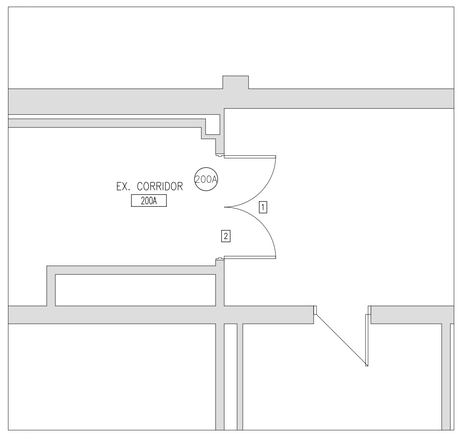
1. ALLOW FOR WORK REQUIRED TO COORDINATE INSTALLATION OF DOOR HOLD OPEN DEVICE
2. ALLOW FOR PATCHING AND PAINTING OF WALLS ADJACENT TO NEW WORK.



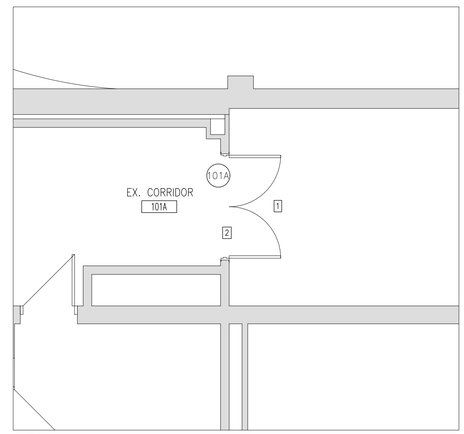
7 A204 UNIVERSAL WASHROOM 101D INTERIOR ELEVATIONS
1:50



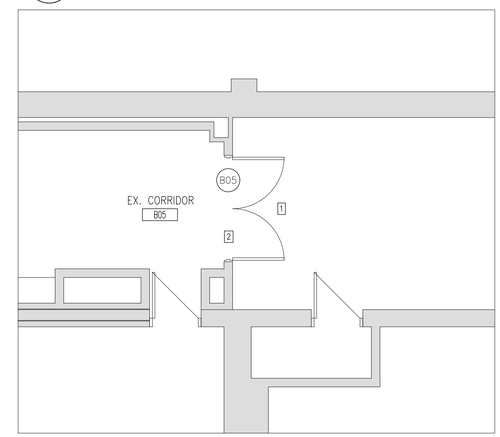
3 A204 WASHROOM PLAN @ 1ST FLOOR
1:50



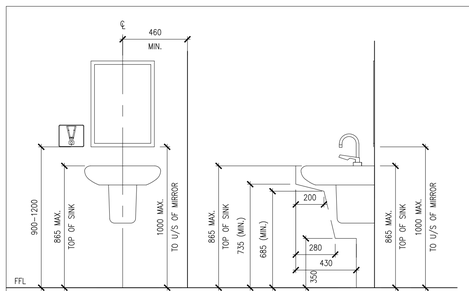
6 A204 PART 2ND FLOOR PLAN
1:50



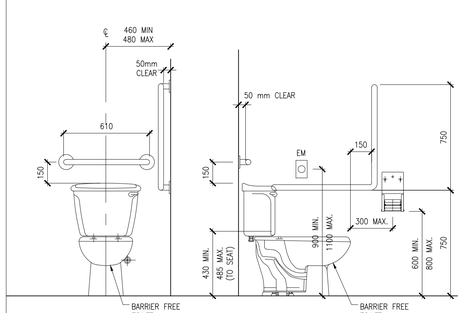
5 A204 PART 1ST FLOOR PLAN
1:50



2 A204 PART BASEMENT FLOOR PLAN
1:50



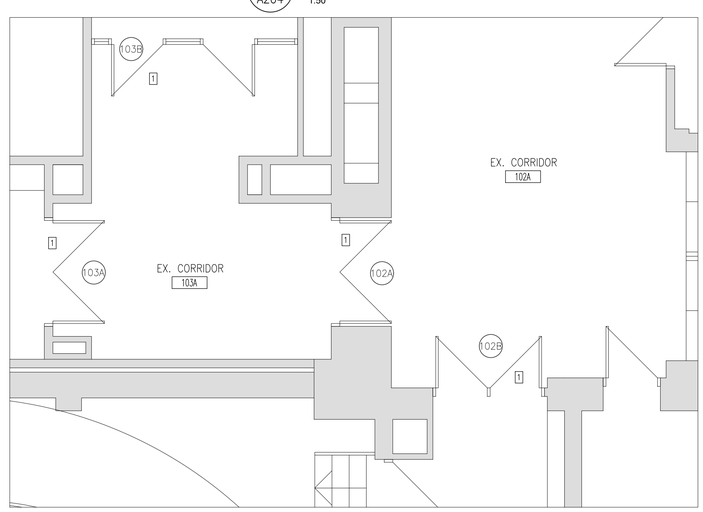
BARRIER FREE LAVATORY



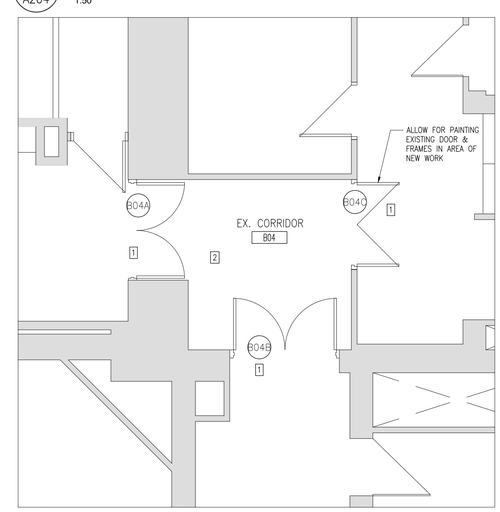
BARRIER FREE TOILET (FLOOR MOUNTED)

1. GRAB BARS SHALL BE MIN. 30mm ø, 40mm ø MAX.
2. CLEARANCE FOR GRAB BARS TO BE MIN. 38mm, 50mm MAX.
3. GRAB BARS TO HAVE SLIP RESISTANT SURFACE.
4. INSTALL GRAB BARS TO SUPPORT LOADING REQUIRED BY THE ONTARIO BUILDING CODE.
5. LOCATE COAT HOOK ON SIDEWALL OF TOILET STALL DOOR AT 1200mm MAX. ABOVE FINISHED FLOOR AND PROJECTING NOT MORE THAN 50mm.
6. ALL FIXTURES SHALL CONFORM TO BARRIER-FREE HEIGHTS OUTLINED IN THE LATEST EDITION OF THE ONTARIO BUILDING CODE.
7. ALL ACCESSORIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE.
8. INSTALL DOOR OPERATOR, PUSH BUTTONS AND PUSH TO LOCK DEVICE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE ONTARIO BUILDING CODE.
9. INSTALL EMERGENCY CALL SYSTEM IN ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE.

BARRIER FREE MOUNTING HEIGHT REQUIREMENTS



4 A204 PART 1ST FLOOR PLAN
1:50



1 A204 PART BASEMENT FLOOR PLAN
1:50

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BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
PART FLOOR PLANS & INTERIOR ELEVATIONS

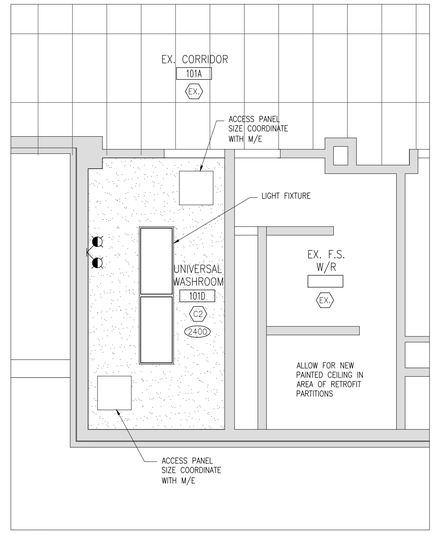
DESIGN BY: BBA
DRAWN BY: NV
CHECKED BY: CG
DATE: 2026-01-22
SCALE: 1:50
SEAL:
PROJECT NO: 25253
DRAWING NO: A204

CEILING TYPES

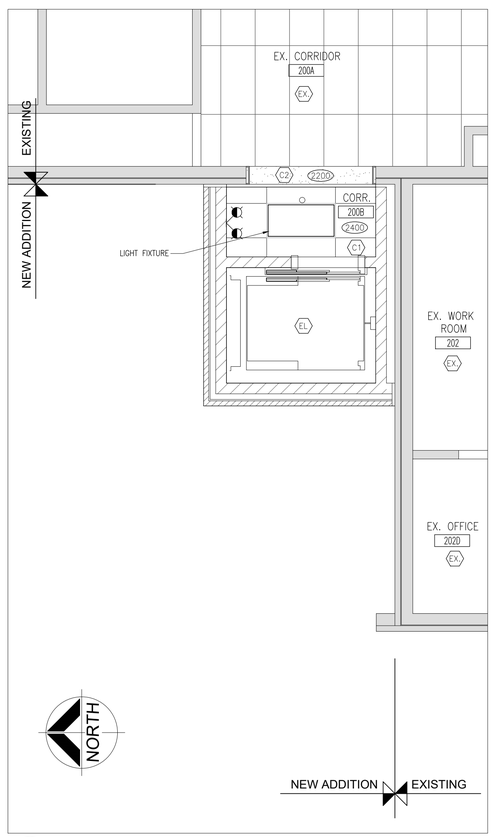
C1	1220mmx610mm ACOUSTIC CEILING PANELLS IN SUSPENDED T–BAR GRID
C2	13mm GYPSUM BOARD (PAINTED) ON METAL STUD FRAMING
C3	PREFIN. ALUM. VENTED SOFFIT ON 19mm FURRING CHANNELS ON METAL STUD FRAMING
EX.	EXISTING ALLOW FOR PATCH/PAINT ADJACENT TO NEW TO NEW WORK
EL	CAB CEILING AS PER ELEV. SUPPLIER

CEILING NOTATION LEGEND

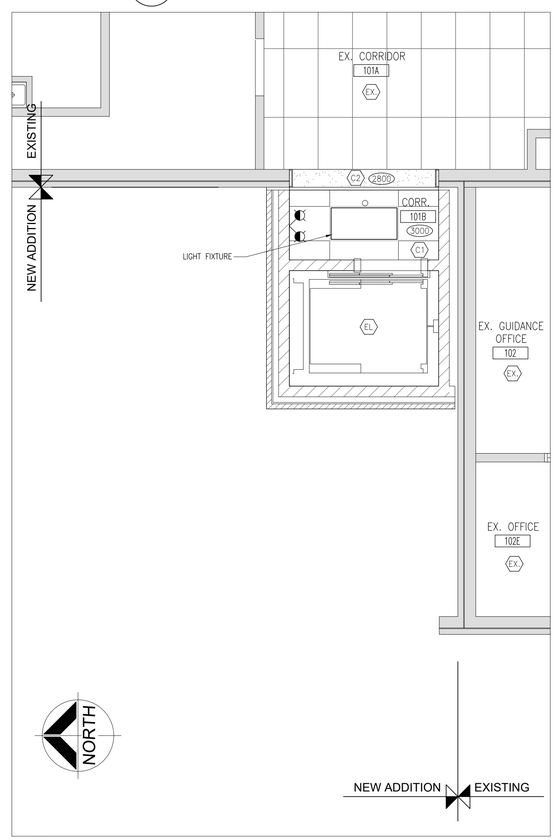
C#	CEILING TYPE (REFER TO CEILING TYPE SCHEDULE AND ROOM FINISH SCHEDULE)
2400	CEILING LEVEL ABOVE FINISHED FLOOR (SEE ALSO ROOM FINISH SCHEDULE)
EXP	EXPOSED STRUCTURE WITH PAINT FINISH
	SUPPLY AIR DIFFUSER (REFER TO MECHANICAL DRAWINGS)
	RETURN AIR GRILLE. SIZES VARY (REFER TO MECHANICAL DRAWINGS)
	EXHAUST FAN (REFER TO MECHANICAL DRAWINGS)
	LIGHT FIXTURES (REFER TO ELECTRICAL DRAWINGS)
EXIT	CEILING OR WALL MOUNTED EXIT LIGHT (REFER TO ELECTRICAL DRAWINGS)
	SPRINKLER HEAD (REFER TO MECHANICAL DRAWINGS)



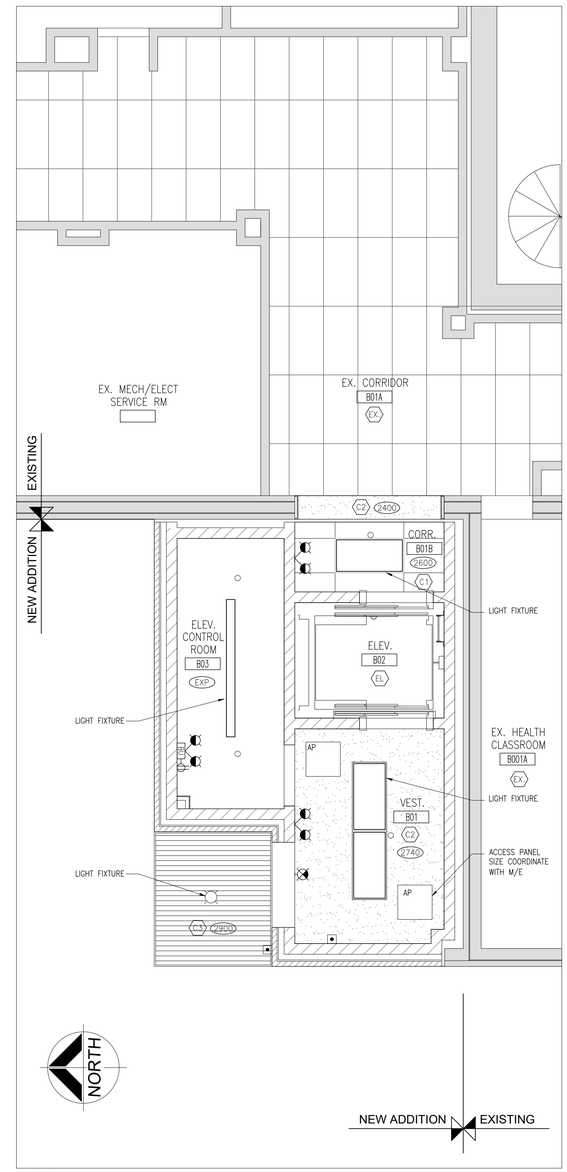
4 A205 PART 1ST FLOOR RCP
1:50



3 A205 PART 2ND FLOOR RCP
1:50



2 A205 PART 1ST FLOOR RCP
1:50



1 A205 PART BASEMENT/GROUND RCP
1:50

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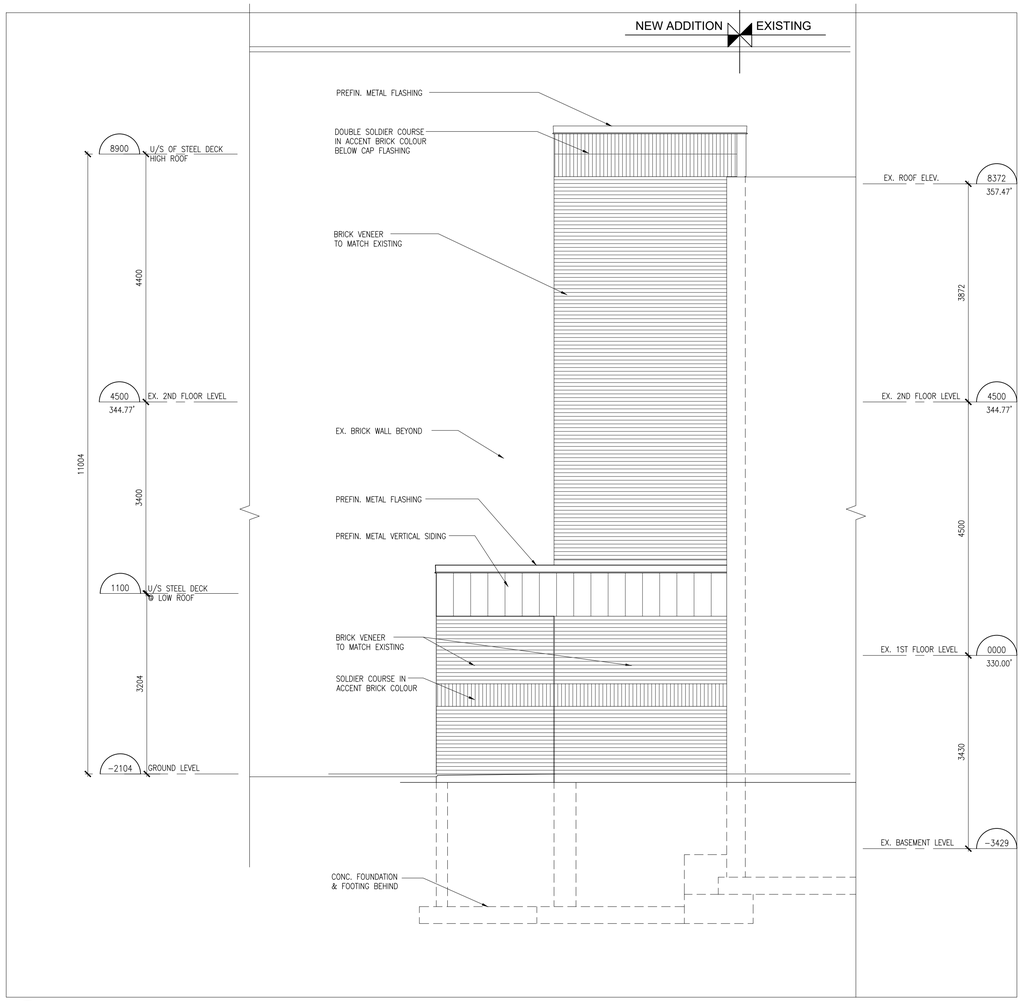
BARRY BRYAN ASSOCIATES

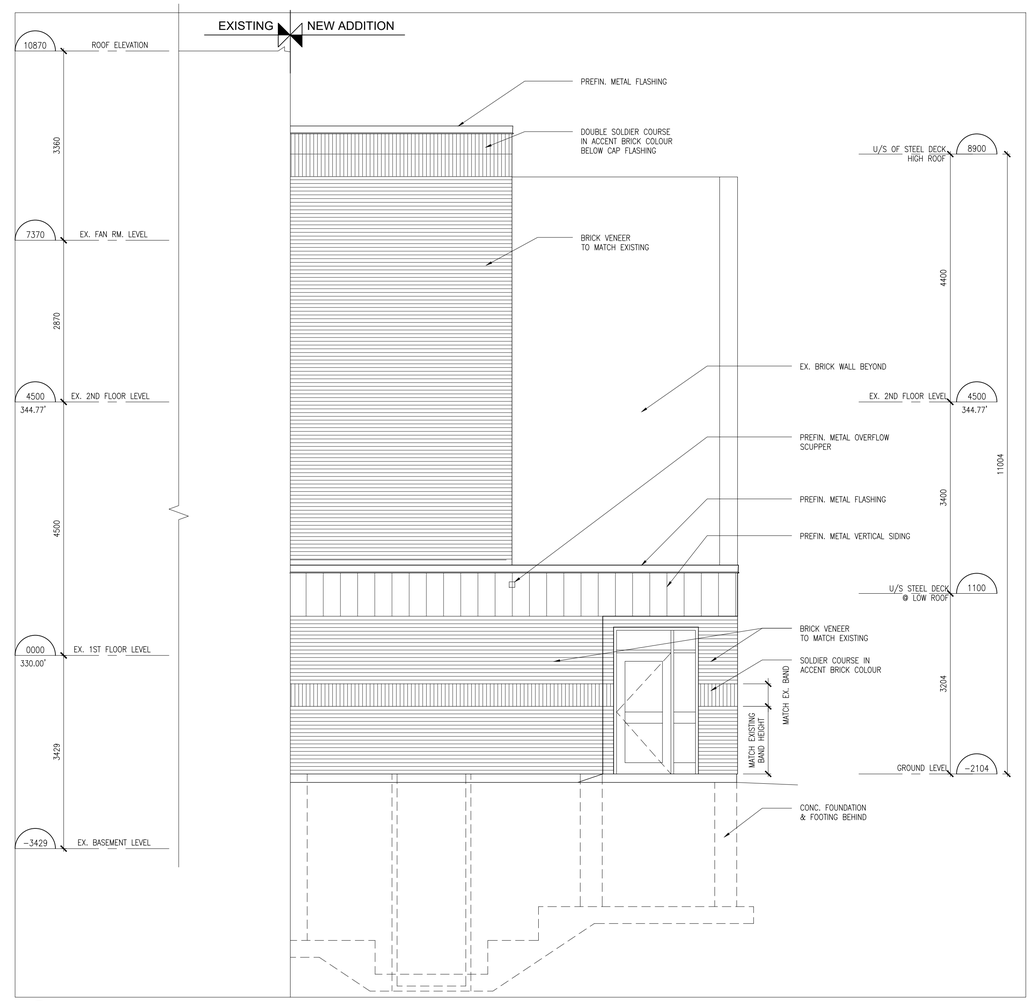
PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
PART REFLECTED CEILING PLANS

DESIGN BY: BBA	SEAL:
DRAWN BY: NV	
CHECKED BY: CG	
DATE: 2026-01-22	
SCALE: 1:50	
PROJECT NO: 25253	DRAWING NO: A205



2 A401 PART WEST ELEVATION
1:50



1 A301 PART NORTH ELEVATION
1:50

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BARRY BRYAN ASSOCIATES

PROJECT:
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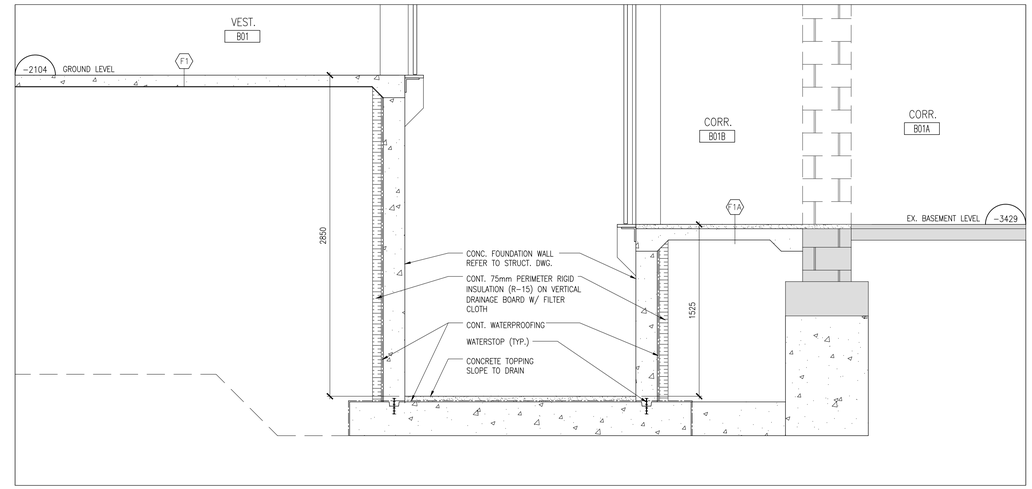
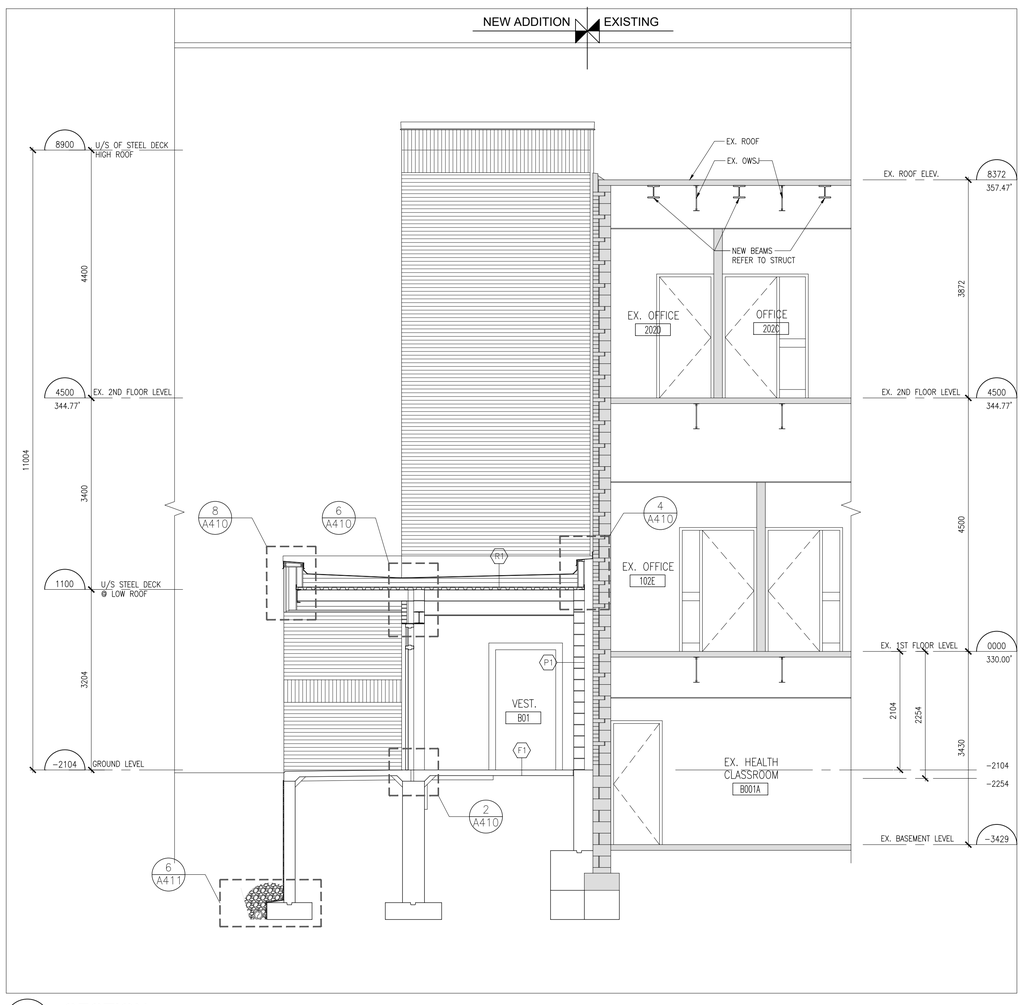
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
ELEVATIONS

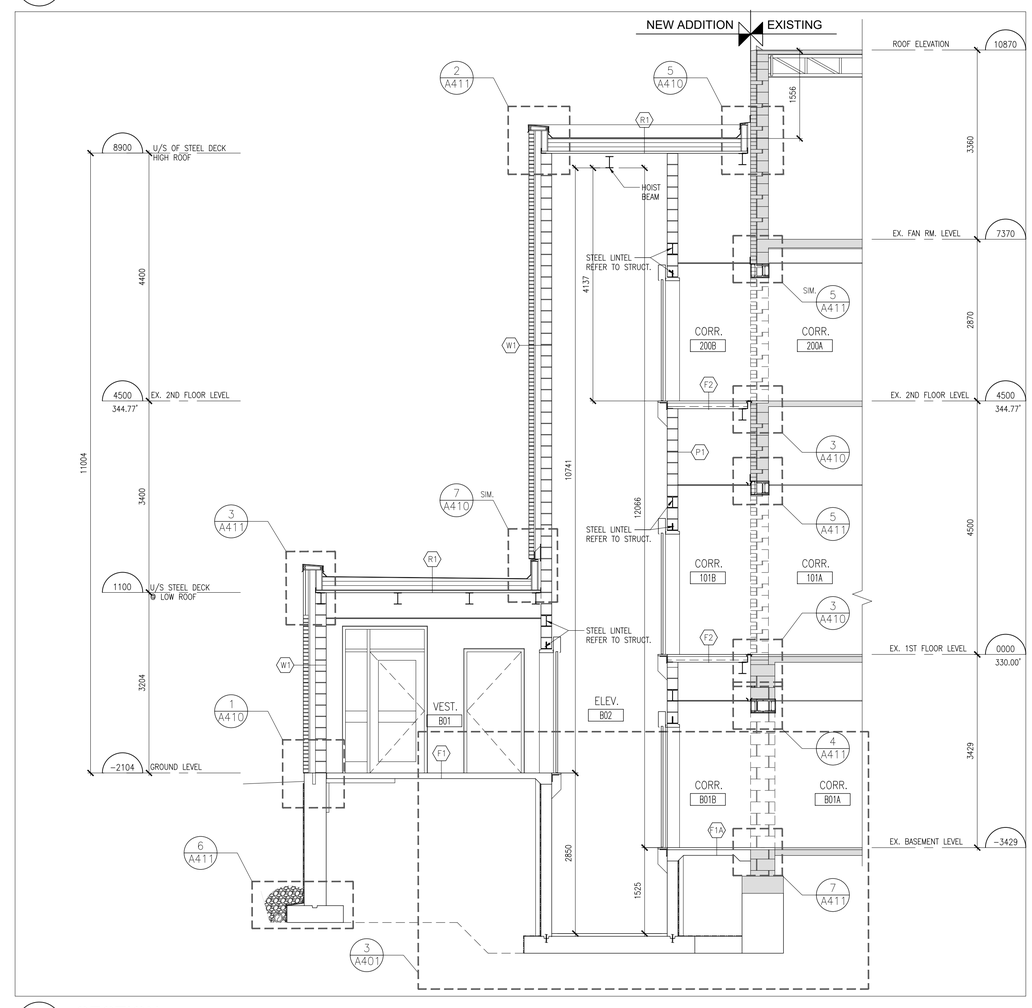
DESIGN BY: BBA
SEAL:
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-20
SCALE: 1:50
PROJECT NO: 25253
DRAWING NO: A301



3 / A401 SECTION
1:25



2 / A401 SECTION
1:50



1 / A401 SECTION
1:50

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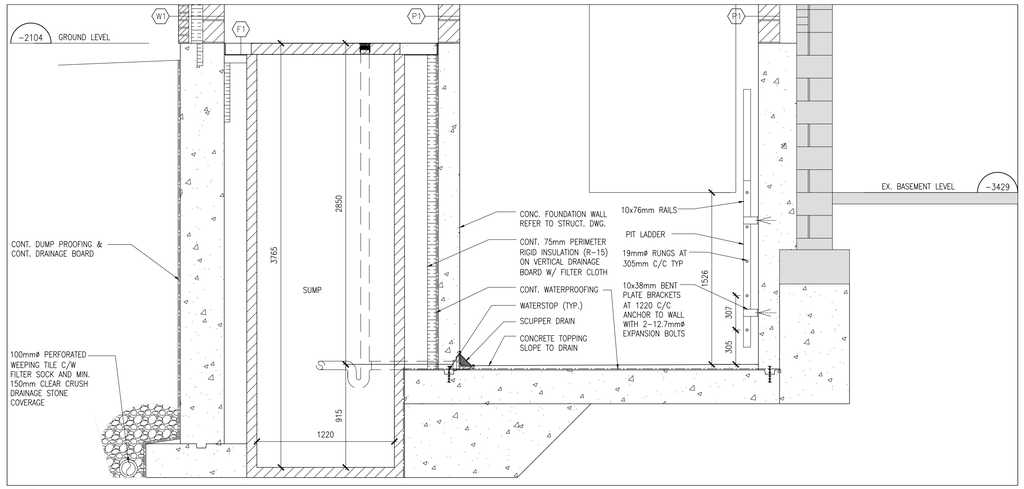
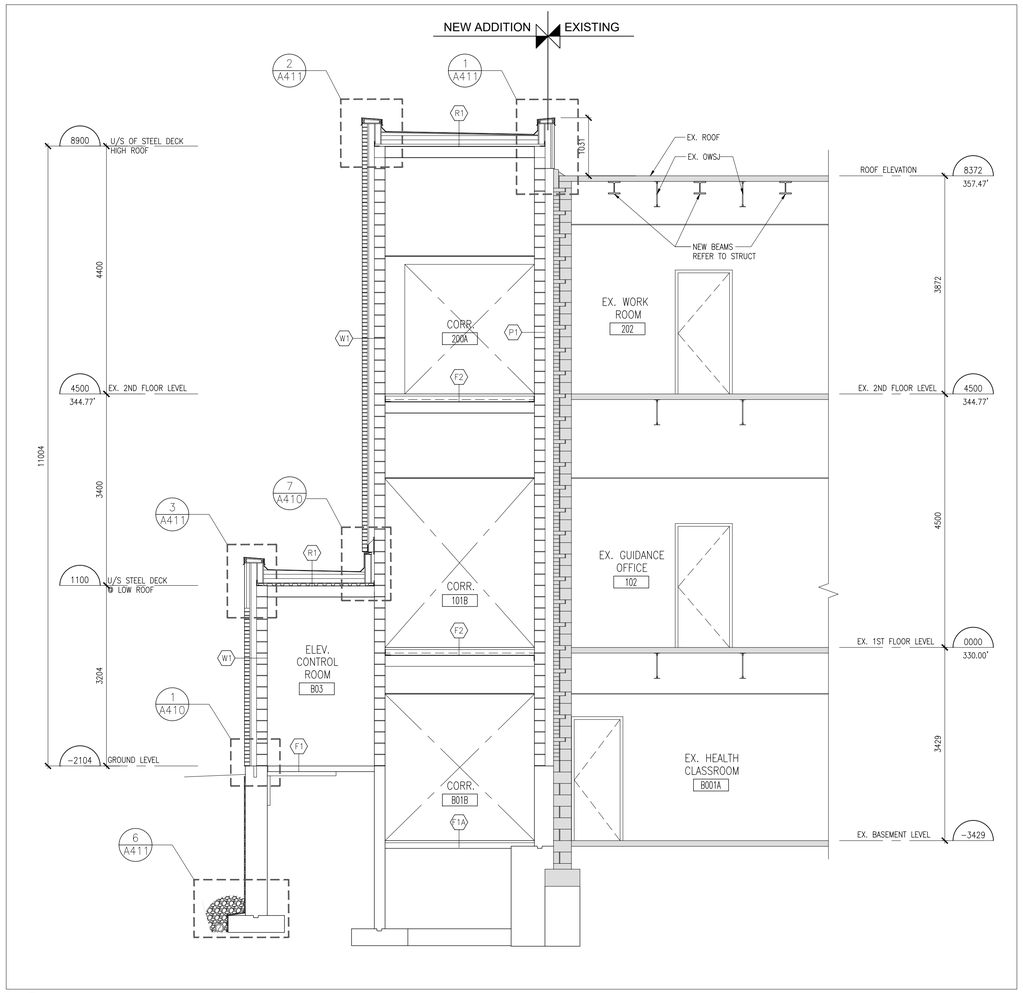
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
BUILDING SECTIONS

DESIGN BY: BBA	SEAL:
DRAWN BY: NV	
CHECKED BY:	
DATE: 2026-01-20	
SCALE: 1:50	
PROJECT NO: 25253	DRAWING NO: A401



3 / A402 SECTION
1:25



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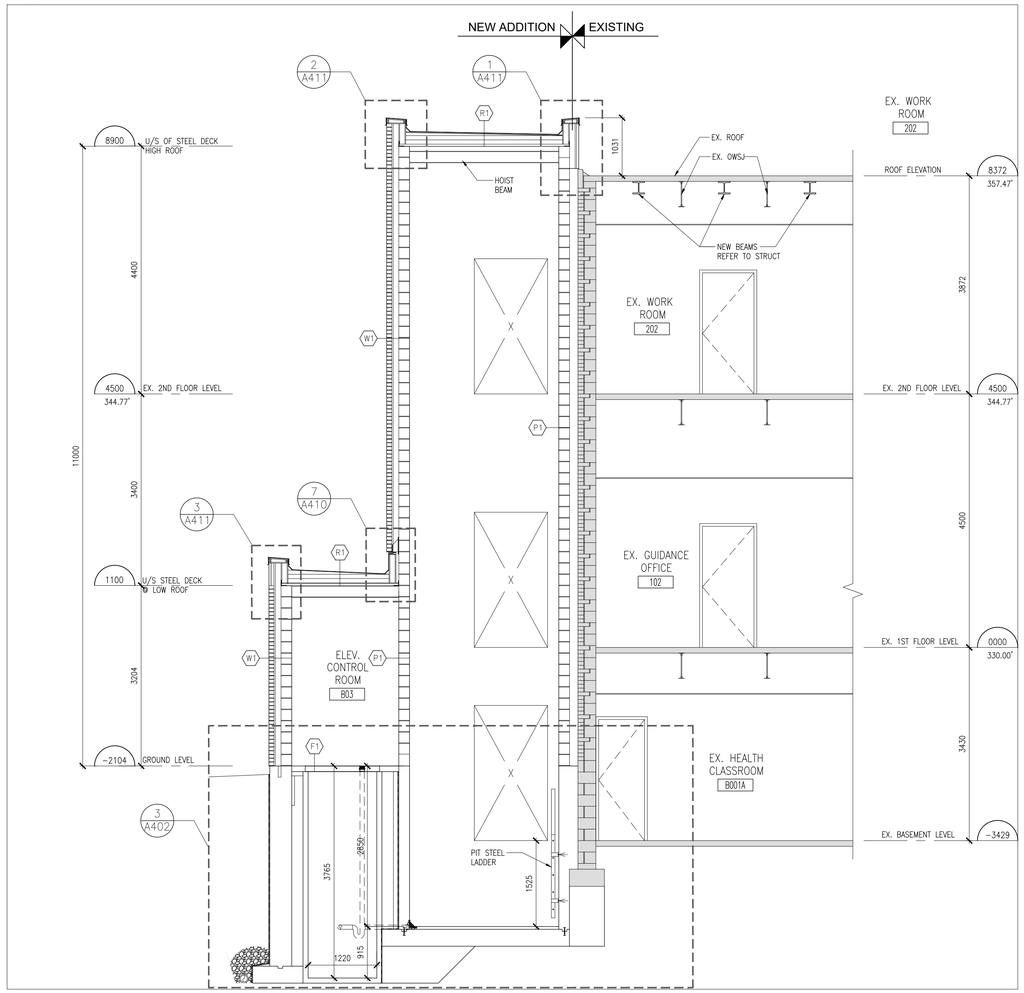

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Toronto District School Board

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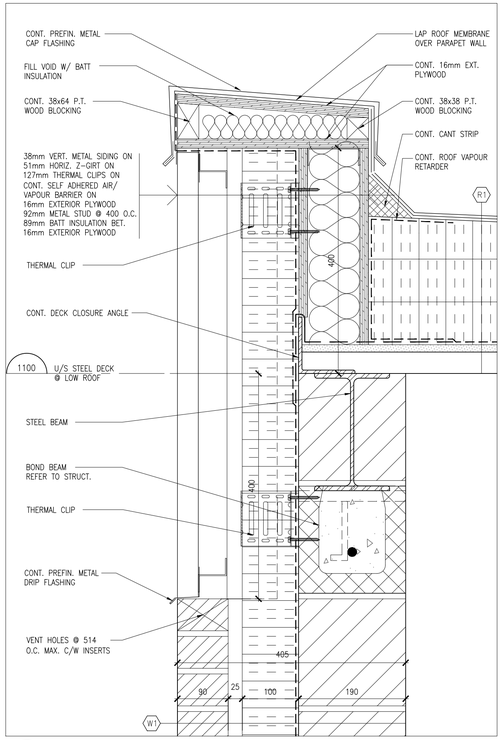
3	ISSUED FOR TENDER	APRIL 29, 2026	BBA

BBA
BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
BUILDING SECTIONS

DESIGN BY: BBA
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-20
SCALE: 1:50
SEAL:
PROJECT NO: 25253
DRAWING NO: A402



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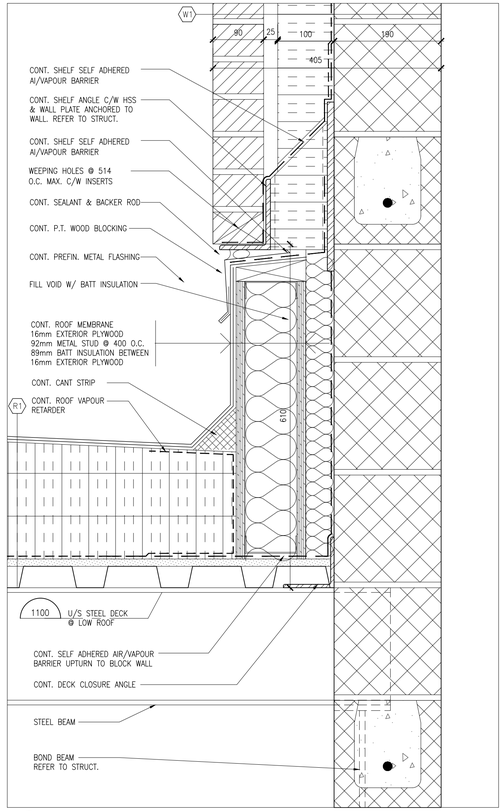

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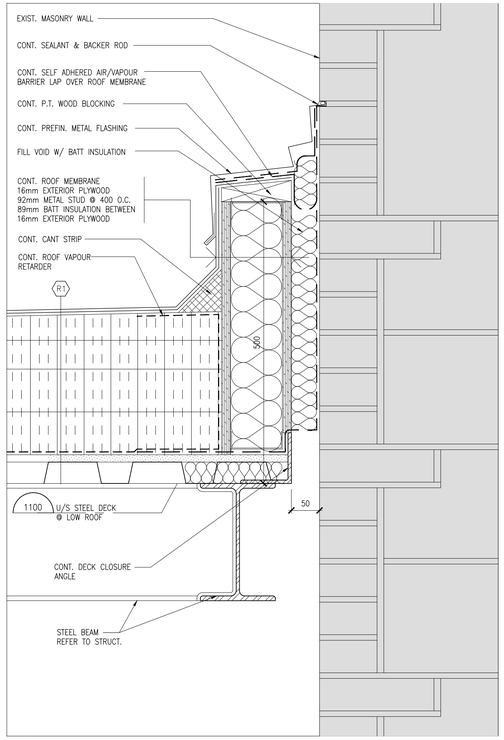

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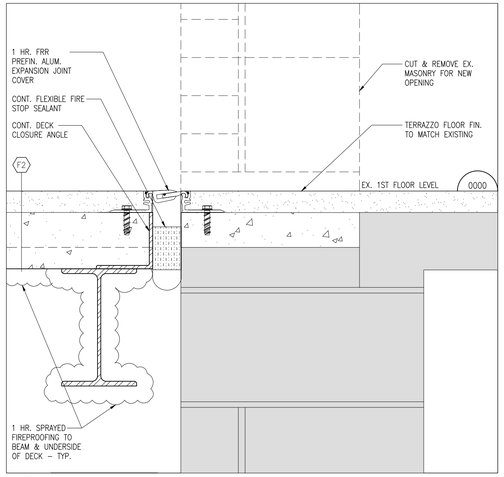

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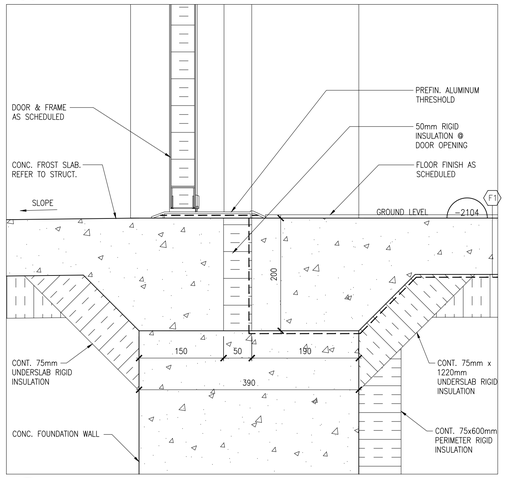

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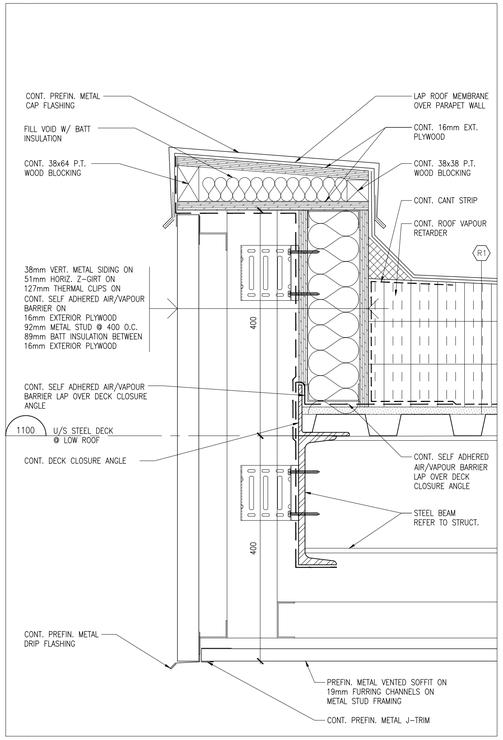

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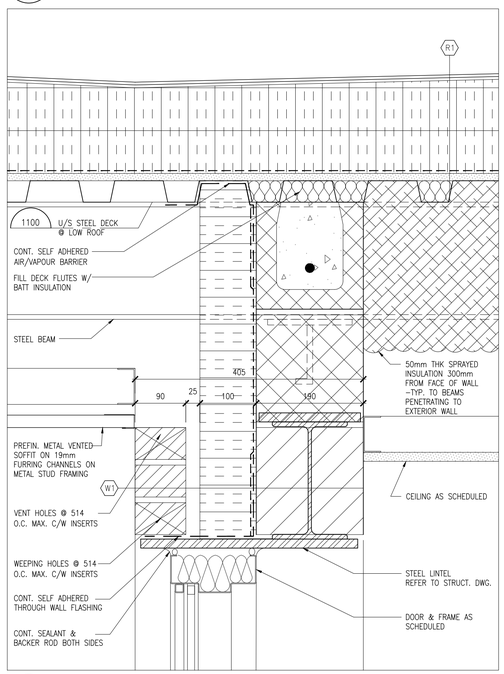

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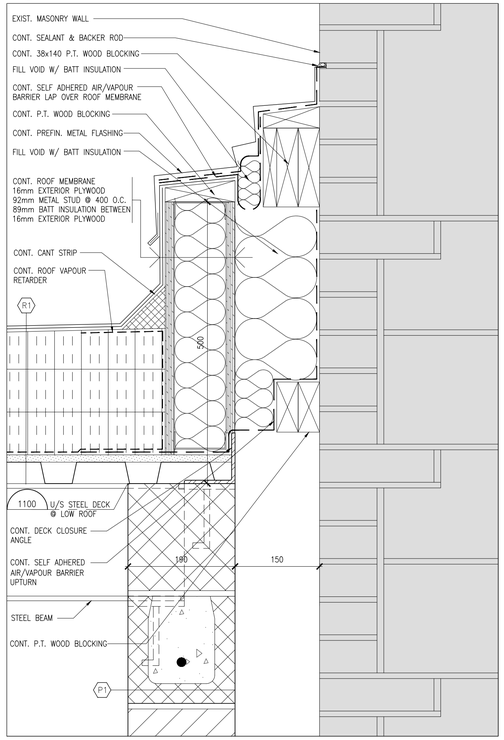

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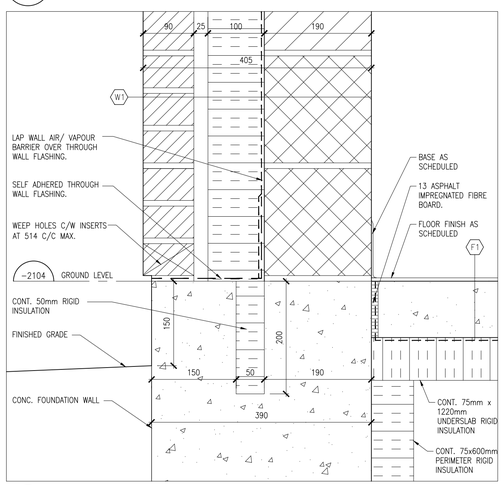

1 A410 SECTION DETAIL
1:5

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BARRY BRYAN ASSOCIATES

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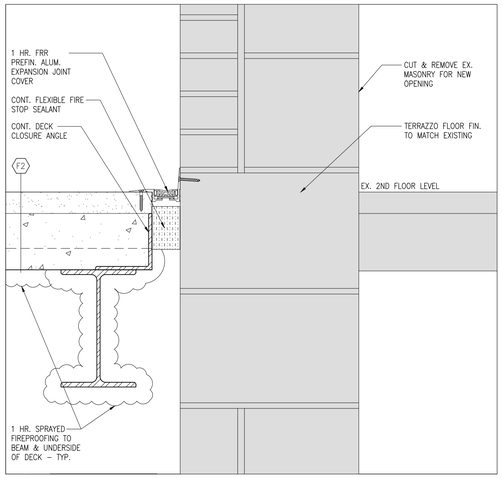
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
SECTION DETAILS

DESIGN BY: BBA
DRAWN BY: NV
CHECKED BY: CG
DATE: 2026-01-20
SCALE: 1:5
SEAL:

PROJECT NO: 25253
DRAWING NO: A410



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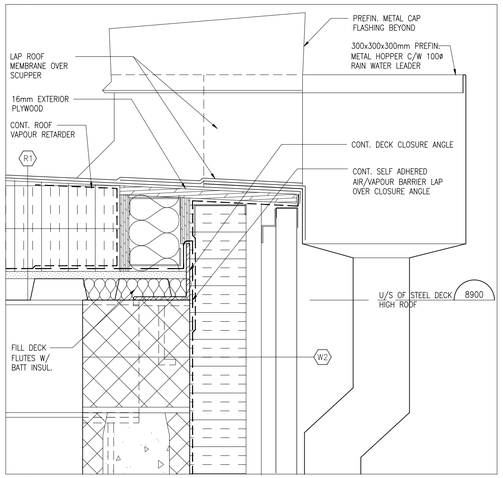

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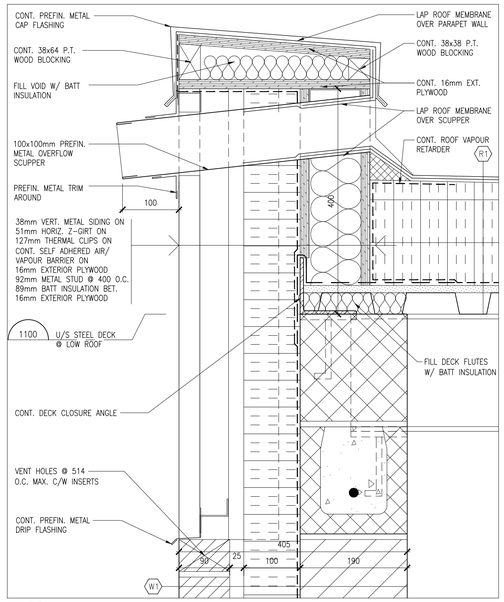

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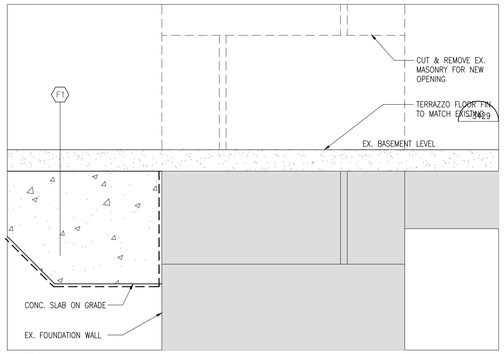

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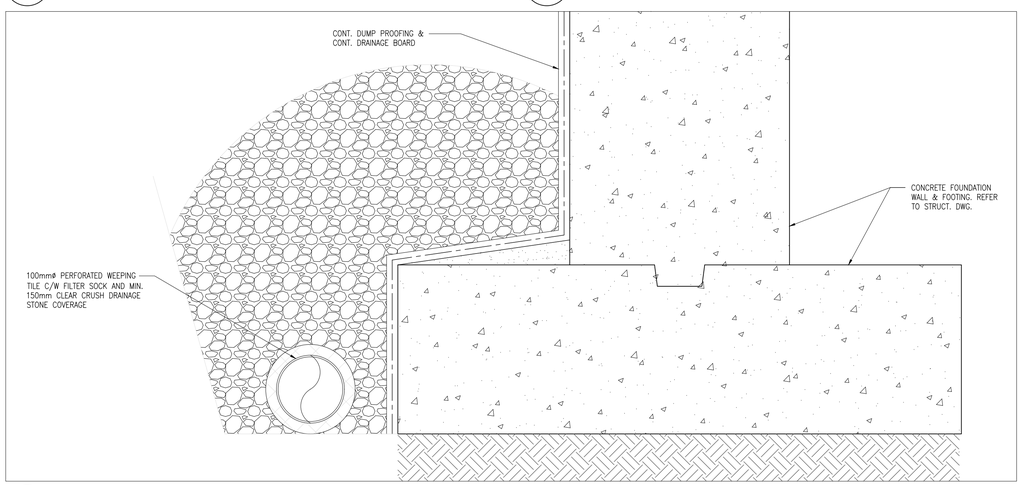

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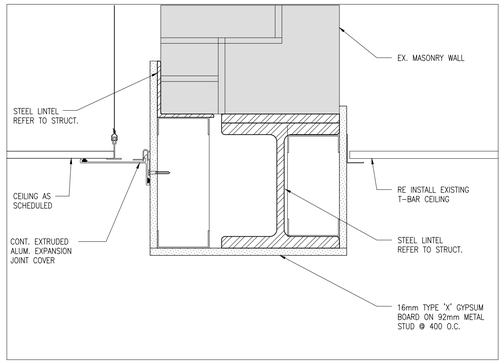

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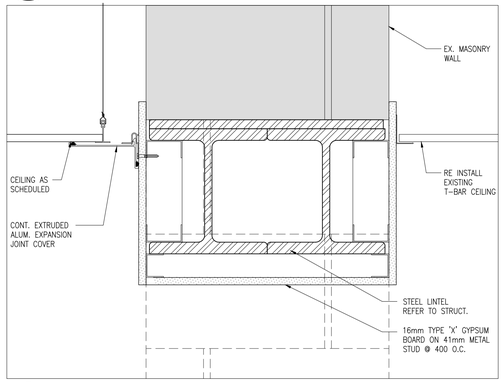

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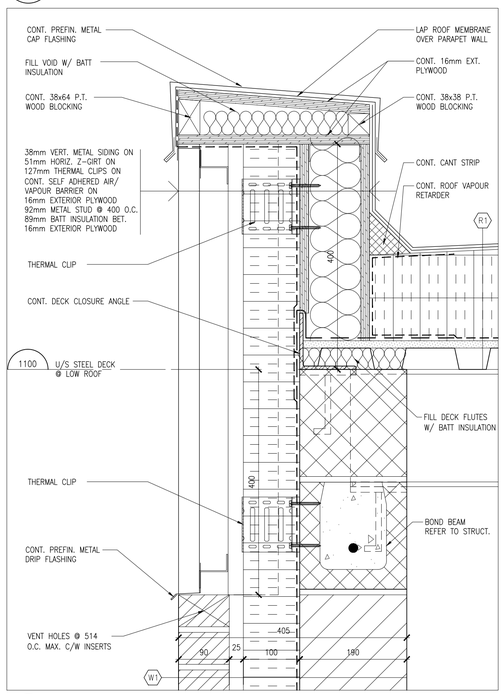

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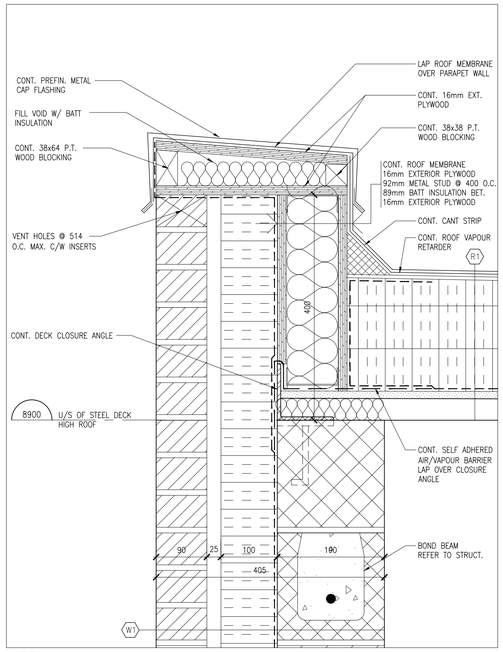

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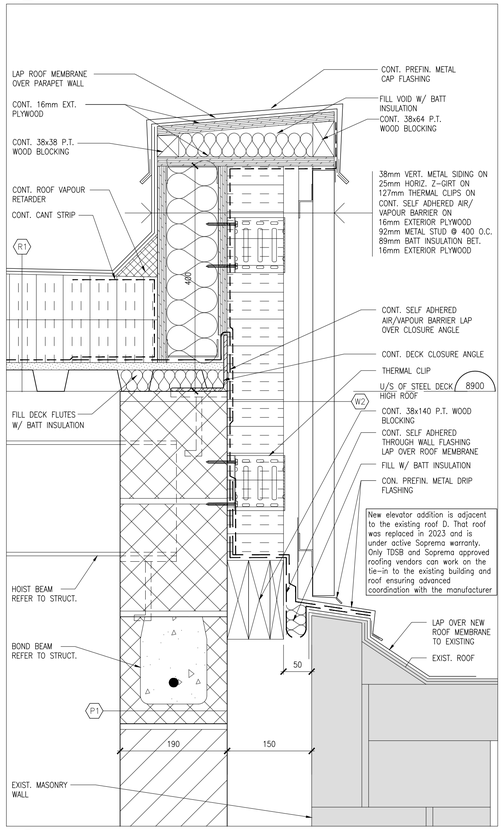

1 A411 SECTION DETAIL
1:5

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TDSB# TR-25-0958
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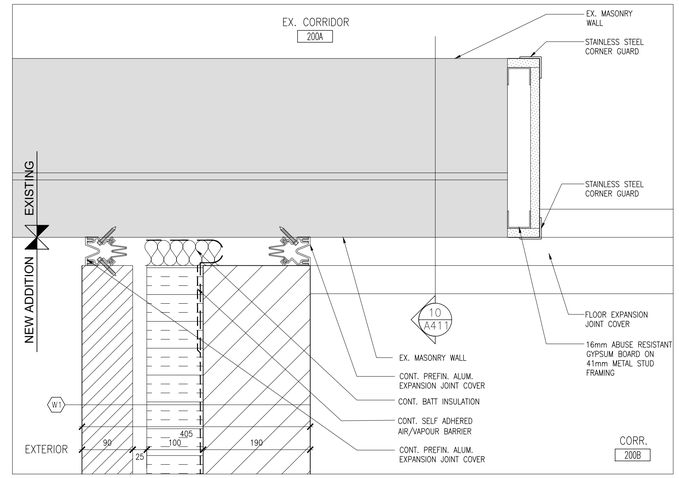
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
SECTION DETAILS

DESIGN BY: BBA	SEAL:
DRAWN BY: NV	
CHECKED BY: CG	
DATE: 2026-01-20	
SCALE: 1:5	
PROJECT NO: 25253	DRAWING NO: A411



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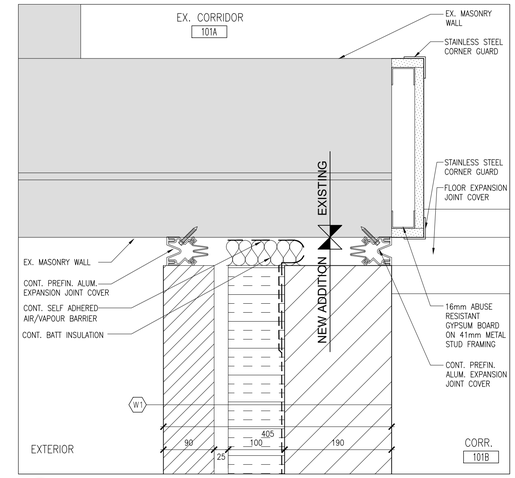

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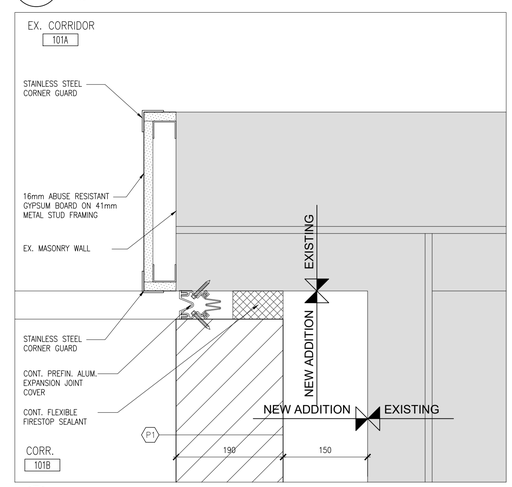

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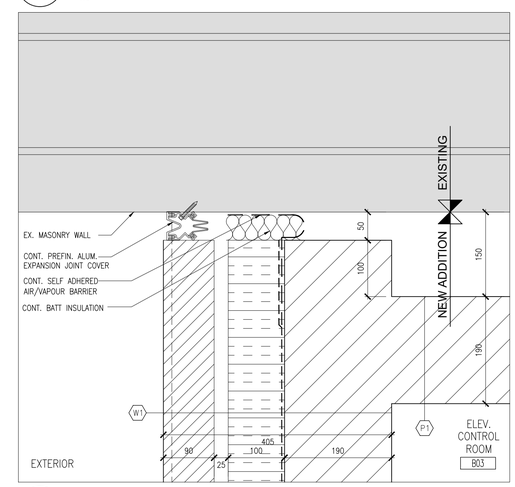

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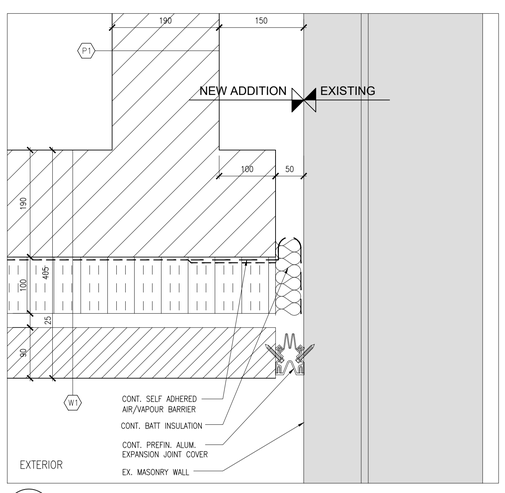

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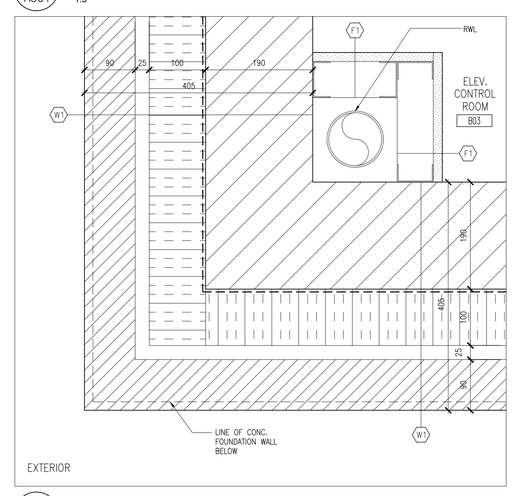

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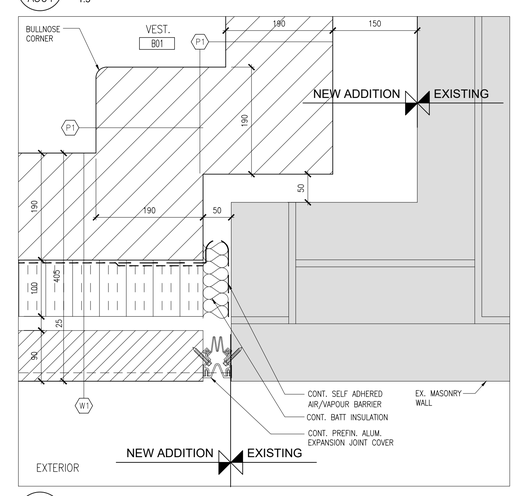

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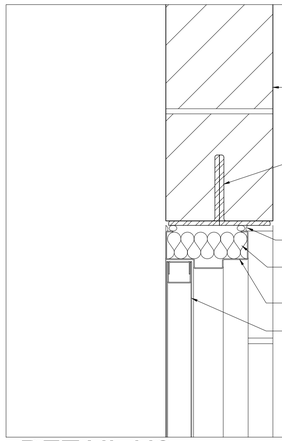
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
PLAN DETAILS

DESIGN BY: BBA
DRAWN BY: NV
CHECKED BY: CG
DATE: 2026-01-20
SCALE: 1:5
SEAL:
PROJECT NO: 25253
DRAWING NO: A501



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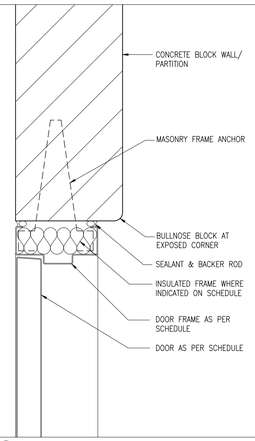

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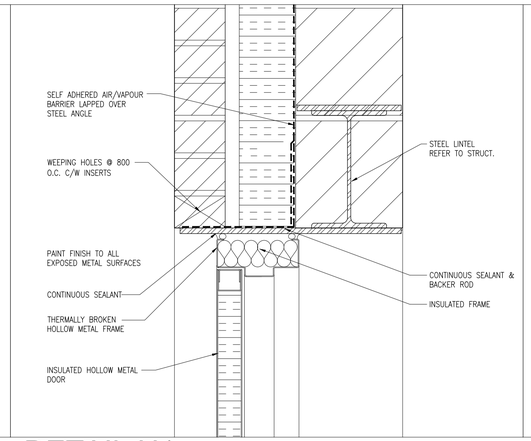
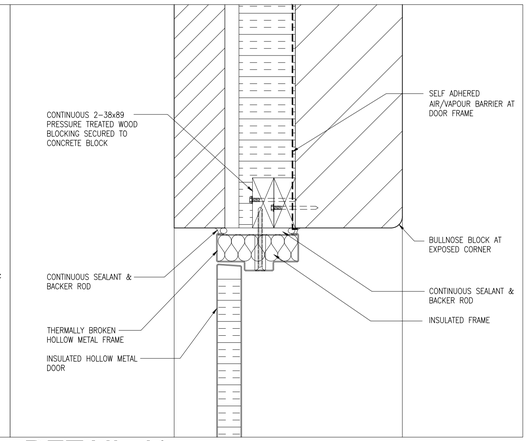


DETAIL H1



DETAIL J1

FINISH ABBREVIATION LEGEND

ACP	ACOUSTIC CEILING PANEL
CB	CONCRETE BLOCK
CONC	CONCRETE
CT	CERAMIC TILE
EX	EXISTING
EXIST	EXISTING
EXP	EXPOSED
FRG	FIRE RESISTANT GLAZING
G	GLASS
GL	GLASS
GB	GYPSUM BOARD
HM	HOLLOW METAL
P	PAINT
PCT	PORCELAIN CERAMIC TILE
PREFIN	PREFINISHED
PS	PRESSED STEEL
R	RUBBER
TERR	TERRAZZO
TG	TEMPERED GLASS
URETH	URETHANE

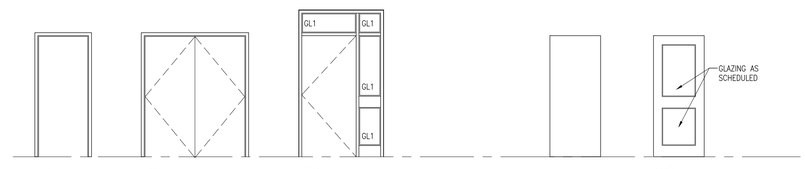
ROOM SCHEDULE

NOTE: UNLESS NOTED OTHERWISE PAINT ALL NEW EXPOSED WALLS & GYPSUM BD. BULKHEADS

ROOM NO.	ROOM NAME		FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	CEILING HEIGHT	REV.	REMARKS
B01	ENTRANCE VESTIBULE	MAT.	CONC	–	CB	CB	CB	CB	GB	2740	–	
		FIN.	PCT	PCT	P	P	P	P	P	–	–	
		COL.	–	–	–	–	–	–	–	–	–	
B01A	EX. CORRIDOR	MAT.	EX.	–	EX	EX	EX	EX	EX	–	–	PATCH & MAKE GOOD TERRAZZO FLOOR. PATCH & MAKE GOOD ACT CEILING
		FIN.	EX.	EX.	–	–	–	–	–	–	–	
		COL.	–	–	–	–	–	–	–	–	–	
B01B	CORRIDOR	MAT.	CONC.	–	CB	CB	CB	CB	ACP	2600	–	PAINT GYPSUM BOARD BULKHEAD
		FIN.	TERR.	TERR.	P	P	P	P	PREFIN.	–	–	
		COL.	–	–	–	–	–	–	–	–	–	
B02	ELEVATOR	MAT.										REFER TO SPECS. FOR CAB FINISHES
		FIN.	PCT									
		COL.										
B03	ELEV. CONTROL ROOM	MAT.	CONC.	–	CB	CB	CB	CB	EXP.	–	–	PAINT ALL EXPOSED STEEL DECK, BEAMS & DUCTS
		FIN.	EPOXY	R	P	P	P	P	P	–	–	
		COL.	–	–	–	–	–	–	–	–	–	
101B	CORRIDOR	MAT.	CONC.	–	CB	CB	CB	CB	ACP	3000	–	PAINT GYPSUM BOARD BULKHEAD
		FIN.	TERR.	TERR.	P	P	P	P	PREFIN.	–	–	
		COL.	–	–	–	–	–	–	–	–	–	
101C	UNIVERSAL WASHROOM	MAT.	–	–	CB	CB	CB	CB	GB	2400	–	
		FIN.	PCT	CT	CT	CT	CT	CT	P	–	–	
		COL.	–	–	–	–	–	–	–	–	–	
200B	CORRIDOR	MAT.	CONC.	–	CB	CB	CB	CB	ACP	2400	–	PAINT GYPSUM BOARD BULKHEAD
		FIN.	TERR.	TERR.	P	P	P	P	PREFIN.	–	–	
		COL.	–	–	–	–	–	–	–	–	–	

GLAZING LEGEND

GL1	25mm SEALED, DOUBLE GLAZED UNITS TEMPERED GLASS (CLEAR)
FRG	FIRE RESISTANT GLAZING



F1 F2 F3 M 2G

FRAME TYPES DOOR TYPES

GENERAL NOTES

A. GLASS PANELS IN DOORS TO COMPLY WITH BARRIER FREE VISIBILITY REQUIREMENTS.

B. PREPARE DOORS AND FRAMES FOR ELECTRONIC HARDWARE WHERE INDICATED. CONDUITS SHALL BE CONCEALED IN FRAMES.

C. REMOVE AND REINSTALL (MISC. ELECTRONIC ATTACHMENTS) AS PER EXISTING DOOR LOCATIONS. PATCH, REPAIR AND MAKE GOOD ALL AFFECTED SURFACES.

D. PATCH, REPAIR AND MAKE GOOD ALL AFFECTED SURFACES AS REQUIRED FOR NEW WORK.

E. ALL DOORS IN FIRE SEPARATION LOCATIONS SHALL HAVE LATCHING DEVICE.

F. PRESSED STEEL FRAME DEPTHS SHALL BE 146MM UNLESS OTHERWISE NOTED.

DOOR AND FRAME SCHEDULE

DOOR NO.	SIZE AND THICKNESS	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLASS	FRAME TYPE	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME MATERIAL	FRAME FINISH	FIRE RATING	DOOR HARDWARE: CARD READER	CLOSER	DOOR STOP	PUSH PLATE	PULL HANDLE	WEATHER STRIPPING	DOOR OPERATOR	FASC. DOOR	LOCKSET	ELECTRIC STRIKE	INSULATED PANEL FOR TO CLOSET	HOLD OPEN	REMARKS
B01	965x2150x45	2G	HM	PAINT	GL1	F3	H1	J1	PS	PAINT	–	●	●	●	●	●	●	●	●	●	●	●		
B02	965x2150x45	M	HM	PAINT	–	F1	H2	J2	PS	PAINT	45 MIN.	●	●	●	●					●				
B04A	2-840x2150x45 (SITE VERIFY)	2G	HM	PAINT	FRG	F2	–	–	PS	PAINT	45 MIN.	●	●		●				●				●	
B04B	2-915x2150x45 (SITE VERIFY)	2G	HM	PAINT	FRG	F2	–	–	PS	PAINT	45 MIN.	●	●		●				●				●	
B04C	EXISTING	–	–	–	–	–	–	–	–	–	–				●				●				●	
B05	2-915x2150x45 (SITE VERIFY)	2G	HM	PAINT	FRG	F2	–	–	PS	PAINT	45 MIN.	●	●		●				●				●	
101A	2-915x2150x45 (SITE VERIFY)	2G	HM	PAINT	FRG	F2	–	–	PS	PAINT	45 MIN.	●	●		●				●				●	
101D	965x2150x45	M	HM	PAINT	–	F1	H2	J2	PS	PAINT	–	●	●	●	●			●		●	●			
102A	EXISTING	–	–	–	–	–	–	–	–	–	–												●	
102B	EXISTING	–	–	–	–	–	–	–	–	–	–												●	
103A	EXISTING	–	–	–	–	–	–	–	–	–	–												●	
103B	EXISTING	–	–	–	–	–	–	–	–	–	–												●	
200A	2-915x2150x45 (SITE VERIFY)	2G	HM	PAINT	FRG	F2	–	–	PS	PAINT	45 MIN.	●	●		●				●				●	

COORDINATE SCOPE ASSOCIATED W/ HOLD OPEN DEVICE

DO NOT SCALE THE DRAWINGS.
CHECK AND VERIFY ALL DIMENSIONS AT THE SITE.

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tdsb
Toronto District School Board

NO.	ISSUES/ REVISIONS	DATE	BY
1	ISSUED FOR CLIENT REVIEW	FEB. 26, 2026	BBA
2	ISSUED FOR PERMIT & TENDER	APRIL 1, 2026	BBA
3	ISSUED FOR TENDER	APRIL 29, 2026	BBA

BBA
BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
ROOM FINISHES, DOOR & FRAME SCHEDULE

DESIGN BY: BBA
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-20
SCALE: 1:50
SEAL:

PROJECT NO: 25253
DRAWING NO: A901

GENERAL

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF ALL RELEVANT CODES AND STANDARDS.
2. CONFORM TO OWNER'S GENERAL SPECIFICATIONS INCLUDING ALL SAFETY REQUIREMENTS.
3. SITE VERIFY ALL DIMENSIONS AND LEVELS.
4. KEEP THE SITE THROUGHOUT THE WORK AREA IN A CLEAN AND ORDERLY CONDITION AT ALL TIMES TO THE SATISFACTION OF THE OWNER.
5. ALL STRUCTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH OTHER CONSULTANTS DRAWINGS.

FOUNDATIONS

1. FOUNDATION DESIGN BASED ON ASSUMED BEARING CAPACITY OF 100 kPa (SLS) AND 150 kPa (ULS) ON NATIVE MATERIAL. THE BEARING CAPACITY MUST BE CONFIRMED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING FOUNDATIONS.
2. ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOIL OR ENGINEERED FILL AS APPROVED BY THE GEOTECHNICAL CONSULTANT. REPORT ANY DOUBTFUL BEARING CONDITIONS TO THE STRUCTURAL ENGINEER BEFORE PLACING FOOTING.
3. MATERIALS FOR BACKFILL SHALL BE GRANULAR 'A' AND GRANULAR 'B' CONFORMING TO OPSS STANDARDS COMPACTED TO 98% STANDARD PROCTOR MAX. DRY DENSITY.
4. ALL EXTERIOR FOOTINGS TO HAVE A MINIMUM 1200(4'–0") COVER TO FINISHED EXTERIOR GRADE FOR FROST PROTECTION UNLESS OTHERWISE NOTED.
5. ALL PIERS AND FOOTINGS UNDER COLUMNS TO BE CENTRED UNDER THE COLUMNS UNLESS NOTED OTHERWISE ON THE PLAN.

EXCAVATION, BACKFILLING AND GRADING

CODES, REGULATIONS

1. CONFORM TO THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, THE ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS) AND THE WORKPLACE HEALTH AND SAFETY ACT.
2. PROVIDE MINIMUM 8" TOPSOIL BELOW ANY DISTURBED GREEN SCAPE AREAS TO BE RESTORED PRIOR TO SODDING.

EXAMINATION

1. BEFORE TENDERING THE WORK, THE CONTRACTOR SHALL EXAMINE THE SITE AND ASCERTAIN THE EXTENT AND NATURE OF THE MATERIAL IT MAY BE NECESSARY TO REMOVE TO PROVIDE FOR THE DEPTHS, LEVELS, AND GRADES REQUIRED, TO ASSURE HIMSELF THAT HIS DETERMINATIONS ARE MADE IN CONFORMITY WITH THE DRAWINGS AND SPECIFICATIONS.

SETTING OUT WORK

1. THE DRAWINGS INDICATE THE SITE COMPONENTS LOCATION, AND PROPOSED AND FINAL GRADES. BE RESPONSIBLE TO CONSTRUCT THE WORK ACCORDING TO LEVELS AND LOCATIONS SHOWN ON THE DRAWINGS. REPORT ANY ERRORS OR DISCREPANCIES TO THE CONSULTANT BEFORE COMMENCING WITH THE WORK. COMMENCEMENT OF ANY PART OF THE WORK SHALL CONSTITUTE ACCEPTANCE OF DRAWINGS AS BEING CORRECT.
2. EMPLOY A COMPETENT INSTRUMENT MAN AND PROVIDE ALL LINES AND LEVELS, LIMIT LINES AND BOUNDARY STAKES FOR THE EXECUTION OF THE WORK AS REQUIRED. ALL BENCH MARKS SHALL BE CAREFULLY PROTECTED.
3. PROVIDE ALL SUBCONTRACTORS WITH, AND BE RESPONSIBLE FOR, ALL LINES, LEVELS AND DIMENSIONS WHICH SUCH TRADES REQUIRE TO RELATE THEIR WORK TO THE WORK OF THE CONTRACTOR OR OTHER TRADES. ALL TRADES SHALL BE NOTIFIED THAT ALL SUCH LEVELS AND DIMENSIONS MUST BE OBTAINED FROM THE CONTRACTOR.

PROTECTION

A. PROTECTION OF EXISTING SERVICES

1. BEFORE STARTING THE WORK, VERIFY THE LOCATION OF ALL KNOWN UNDERGROUND SERVICES AND UTILITIES OCCURRING IN THE WORK SITE AREA.
2. NOTIFY THE OWNER, PUBLIC UTILITY OR MUNICIPAL AUTHORITIES IN ADVANCE OF PLANNED EXCAVATIONS ADJACENT TO THEIR SERVICES.
3. TAKE CARE NOT TO DAMAGE OR DISPLACE ENCOUNTERED KNOWN AND UNKNOWN SERVICES.
4. WHEN SUCH SERVICES ARE ENCOUNTERED DURING THE EXECUTION OF WORK, IMMEDIATELY NOTIFY THE CONSULTANT AND PROTECT, BRACE AND SUPPORT ACTIVE SERVICES. WHERE REPAIRS TO THESE SERVICES BECOME NECESSARY USE THE FOLLOWING PROCEDURE:
   a. KNOWN SERVICES, REPAIR AT NO EXPENSE TO THE OWNER.
   b. UNKNOWN SERVICES, FORWARD TO THE CONSULTANT A COMPLETE BREAKDOWN OF THE ESTIMATED COST OF SUCH WORK. PROCEED ONLY UPON WRITTEN AUTHORIZATION.
5. IN THE CASE OF DAMAGE TO, OR CUTTING OFF OF AN ESSENTIAL SERVICE, NOTIFY CONSULTANT, THE OWNER, AND PUBLIC UTILITY OR MUNICIPAL AUTHORITIES IMMEDIATELY AND REPAIR THE SERVICE UNDER THE CONSULTANT'S DIRECTION.
6. BACKFILL
   – ASSUME REUSE EXISTING COMPACT SOIL AND INFILL BALANCE OF GRANULAR MATERIAL/TOPSOIL AS REQUIRED TO ACCOMPLISH WORK ON PROJECT.
   – ALL FILL SHALL BE STORED ON SITE IN A LOCATION APPROVED BY THE OWNER/CONSULTANT AND SHALL BE PROTECTED AS REQUIRED FOR RE–USE.

EXCAVATION WORK

1. REMOVE ALL CONCRETE, MASONRY, RUBBLE OR OTHER CONSTRUCTION DEBRIS ENCOUNTERED DURING THE WORK.
2. KEEP EXCAVATION FREE OF WATER BY BAILING, PUMPING OR A SYSTEM OF DRAINAGE AS REQUIRED AND PROVIDE PUMPS, SUCTION AND DISCHARGE LINES OR WELL POINTS OF SUFFICIENT CAPACITY AND MAINTAIN UNTIL SUCH TIME AS THE PERMANENT DRAINAGE SYSTEM IS INSTALLED OR UNTIL THE CONSULTANT'S APPROVAL OF REMOVAL OF EQUIPMENT IS OBTAINED. TAKE ALL NECESSARY MEASURES TO PREVENT FLOW OF WATER INTO THE EXCAVATION.
3. PROTECT THE BOTTOM AND SIDES OF EXCAVATED PITS AND TRENCHES FROM FREEZING. PROTECT ALSO FROM EXPOSURE TO THE SUN AND WET WEATHER TO PREVENT CAVE–INS AND SOFTENING OF THE BED UPON WHICH CONCRETE OR DRAINS REST.
4. EXCAVATIONS MUST NOT INTERFERE WITH THE NORMAL 45 DEGREE PLANE OF BEARING FROM THE BOTTOM OF ANY FOOTING.
5. KEEP BOTTOMS OF EXCAVATIONS CLEAN AND CLEAR OF LOOSE MATERIALS LEVELLED AND STEPPED AT CHANGES OF LEVELS WITH EXCEPTION OF EXCAVATIONS MADE FOR DRAINAGE PURPOSES AND THOSE SLOPE AS REQUIRED.
6. IF THE EXCAVATIONS REVEAL SEEPAGE ZONES, SPRINGS OR OTHER UNEXPECTED SUB–SURFACE CONDITIONS WHICH MAY NECESSITATE REVISIONS OR ADDITIONS TO ANY DRAINAGE SYSTEM, INFORM THE CONSULTANT IMMEDIATELY SO THAT REMEDIAL CAN BE TAKEN.

BACK FILLING

1. PROCEED PROMPTLY WITH BACKFILLING AS THE BUILDING REPAIRS PROGRESSES, AND AS WORK TO BE BACKFILLED HAS BEEN INSPECTED AND APPROVED BY THE CONSULTANT. THE BACKFILL SHOULD BE PLACED IN LIFTS NOT GREATER THAN 200mm THICK IN THE LOOSE STATE, EACH LIFT BEING COMPACTED WITH A SUITABLE COMPACTOR TO THE SPECIFIED DENSITY.
2. DO NOT COMMENCE BACKFILLING OPERATIONS UNTIL SITE DRAINAGE SYSTEMS AND WATERPROOFING HAS BEEN INSPECTED AND APPROVED BY CONSULTANT.
3. WITHDRAW SHORING MATERIAL DURING BACKFILL. LUMBER LEFT IN PLACE WITHOUT THE CONSULTANT'S APPROVAL WILL NOT BE PAID FOR BY THE OWNER.
4. WHERE FILL IN PLACED ADJACENT TO STRUCTURES OR VULNERABLE BUILDING COMPONENTS OR IN RESTRICTED AREAS, THE FILL SHALL BE COMPACTED TO THE SAME DEGREE AS SPECIFIED BY SUITABLE EQUIPMENT APPROVED BY THE CONSULTANT. AVOID DAMAGE TO OR DISPLACEMENT OF EXISTING/NEW STRUCTURES.
5. ADD WATER IN AMOUNTS REQUIRED ONLY TO ACHIEVE THE OPTIMUM MOISTURE CONTENT, IN ACCORDANCE WITH ASTM D1557.
6. BACKFILL SHALL BE FREE OF SNOW AND ICE, TOPSOIL, CONSTRUCTION DEBRIS AND OVERSIZED BOULDERS GREATER THAN 150mm.

TEMPORARY WORKS

1. THE CONTRACTOR SHALL DESIGN, PROVIDE, ERECT, MAINTAIN REMOVE AND ASSUME FULL AND SOLE RESPONSIBILITY FOR ALL TEMPORARY WORKS REQUIRED FOR THE SAFE AND COMPLETE EXECUTION OF THE WORKS.
2. IN THE EXECUTION OF THE TEMPORARY WORKS AND FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR ALL LIKELY CONSTRUCTION LOADING AND PROVIDE SUFFICIENT BRACING AND PROPS TO KEEP THE WORKS IN PLUMB AND ALIGNMENT AND FREE FROM EXCESSIVE DEFLECTION.
3. ACCESS OF HEAVY CONSTRUCTION EQUIPMENT AND ACCUMULATION OF CONSTRUCTION MATERIALS ON THE FLOORS ARE NOT PERMITTED, UNLESS SUCH HAVE BEEN CATERED FOR IN THE CONTRACTOR'S TEMPORARY WORK DESIGN TO THE SATISFACTION OF THE ARCHITECT.
4. SUBMIT SHOP DRAWINGS FOR ALL TEMPORARY WORKS FOR REVIEW BEFORE FABRICATION COMMENCES. SHOP DRAWINGS SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO.

CONCRETE

1. CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF CAN/CSA–A23.1 AND CAN/CSA–A23.3 WITH THE FOLLOWING PROVISION:

LOCATION	DESIGN STRENGTH (28 DAYS)	SLUMP	EXPOSURE CLASS
EXTERIOR FOOTINGS/ FOUNDATION WALLS AND PIERS	25 MPa	80± 30	F–2
INTERIOR FOOTINGS/FOUNDATION WALLS AND PIERS	25 MPa	80± 30	N
SLAB ON GRADE	25 MPa	80± 30	N*
ALL OTHER INTERIOR CONCRETE	25 MPa	80± 30	N
ALL EXTERIOR REINFORCED CONCRETE (STAIRS & RETAINING WALLS)	35 MPa U.N.O.	80± 30	C–1
EXTERIOR UN–REINFORCED CONCRETE (CURBS & CONCRETE WALKWAYS)	32 MPa U.N.O.	80± 30	C–2

2. NO ADDITIONAL WATER SHALL BE ADDED AT THE JOB SITE. CONCRETE WHICH HAS BEEN WATERED OR DOES NOT MEET SPECIFICATIONS SHALL BE REJECTED.
3. DURING WINTER WEATHER BELOW 5 °C PROVIDE TEMPORARY HEATING OF CONCRETE IN ACCORDANCE WITH THE REQUIREMENTS OF CSA A23.1, LATEST EDITION.
4. STRUCTURAL GROUT SHALL BE NON–SHRINK, NON METALLIC M–BED STANDARD PREMIX BY SIKA OR APPROVED EQUAL.
5. WHEN PIPES, CONDUITS, OR SLEEVES ARE REQUIRED TO PENETRATE CONCRETE ASSEMBLIES, THE FOLLOWING SHALL BE OBSERVED:
   – SPACING OF SUCH ITEMS SHALL BE 3x DIAMETER C/C.
   – CONCRETE SHALL NOT BE PENETRATED WITHIN 600mm (24") OF CONCENTRATED LOADS.
   – ANY PENETRATIONS SHALL BE A MINIMUM OF 600mm (24") FROM ALL EDGES, SUCH AS ENDS AND TOPS OF WALLS.
   – FOR ANY PENETRATIONS GREATER THAN 300mm (12"), CONSULT THE ENGINEER FOR REVIEW AND DETERMINATION OF EXTRA REINFORCEMENT REQUIREMENTS.

CONCRETE REINFORCEMENT

1. THE CLEAR DISTANCE BETWEEN REINFORCING STEEL AND SURFACE OF CONCRETE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE.

LOCATION	CLEAR COVER
FOOTINGS	75mm(3") UNDERSIDE 50mm(2") TOP AND ENDS
WALLS	50mm(2") AGAINST EARTH (20M BAR OR GREATER) 40mm(1½") AGAINST EARTH (15M BAR) 40mm (1½") AGAINST FORM (20M BAR OR GREATER) 25mm (1") AGAINST FORM (15M BAR)
SLABS	25mm(1") TOP BARS 25mm(1") BOTTOM BARS
COLUMNS/PIERS	40mm(1½") TO TIES
SURFACE IN CONTACT WITH GROUND	75mm(3")

2. DETAIL REINFORCING STEEL IN ACCORDANCE WITH "REINFORCING STEEL MANUAL OF STANDARD PRACTICE" LATEST EDITION.
3. REINFORCING BAR SPLICES FOR DEFORMED BARS:
   COLUMNS – COMPRESSION LAP UNLESS NOTED
   WALLS – CLASS 'B' TENSION SPLICE UNLESS NOTED
   ALL OTHERS – CLASS 'B' TENSION LAP UNLESS NOTED
4. ALL REINFORCING STEEL SHALL BE DEFORMED HARD GRADE BILLET STEEL CONFORMING TO CSA G30.18 GRADE 400.
5. WELDED STEEL WIRE FABRIC, PLAIN TYPE CONFORMING TO ASTM A1064/A1064M–17 IN FLAT SHEETS NOT ROLLED.
6. ALL CONCRETE REINFORCEMENT MUST BE PROPERLY CHAIRED WITH APPROVED BAR SUPPORTS.
7. PROVIDE CHAIRS, SPACER BARS, SUPPORT BARS AND OTHER ACCESSORIES TO SUPPORT REINFORCING IN ACCORDANCE WITH THE LATEST EDITIONS OF CSA A23.1 AND CSA A23.3 CHAIRS TO BE PLASTIC, PLASTIC TIPPED OR CONCRETE. ALL TIE WIRE, CHAIRS AND BAR SUPPORTS USED FOR COATED REINFORCING SHALL BE NON–METALLIC OR PROTECTED WITH ACCEPTABLE COATING.
9. CHAIRS SHALL BE SPACED AT 1200mm(4'–0")O.C. MAXIMUM.

SLAB ON GRADE

1. CAST SLAB ON GRADE ON 200mm (8")MIN CRUSHED STONE AND COMPACTED SUB–GRADE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT UNLESS NOTED OTHERWISE.
2. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS OF COMPOSITION OF MATERIALS BELOW GRADE (INSULATION AND VAPOUR BARRIER).
3. SAWCUT WITHIN 6 TO 18 HOURS. REFER TO THE DRAWINGS FOR SAWCUT REQUIREMENTS.
4. DO NOT CAST SLAB MORE THAN 30 METERS IN LENGTH IN EITHER DIRECTION. PLACE SLAB IN STRIP PATTERN. KEY CONSTRUCTION JOINTS AS DETAILED.
5. MAINTAIN MINIMUM SPECIFIED THICKNESS AT ALL DEPRESSIONS AND CHANGES IN ELEVATIONS.
6. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATION OF ALL FINISHES, DEPRESSIONS AND SLOPES.
7. WELDED WIRE MESH REINFORCING IN SLABS ON GRADE MUST BE PROPERLY CHAIRED. LIFTING OF THE WIRE MESH DURING POURS WILL NOT BE ACCEPTED.

MASONRY

1. MASONRY WORK IN ACCORDANCE WITH CAN/CSA A370 AND CAN/CSA A371 EXCEPT WHERE SPECIFIED OTHERWISE.
2. ONLY TYPE 'S' MORTAR SHALL BE USED, MINIMUM STRENGTH SHALL BE 12.4 MPa AT 28 DAYS.
3. GROUT (PEA GRAVEL) AT BOND BEAMS AND GROUTED HOLLOW BLOCKS TO BE A MINIMUM OF 20MPa COMPRESSIVE STRENGTH AT 28 DAYS. IN ACCORDANCE WITH CAN3–A23.1
4. MORTAR FOR EXPOSED EXTERIOR MASONRY SHALL BE AIR ENTRAINED.
5. PROVIDE LATERAL RESTRAINT AT TOP OF NON–LOAD BEARING BLOCK PARTITIONS AS INDICATED ON TYPICAL DETAILS.
6. PROVIDE VERTICAL WALL REINFORCING FOR FULL HEIGHT OF LIFT, CONTINUOUS FROM FLOOR TO FLOOR/ROOF, WITH CLASS B LAPS.
7. MASONRY WORK SHALL CONFORM TO CSA–S304 (LATEST EDITION) AND ITS REFERENCED DOCUMENTS, INCLUDING:
   A. CONCRETE BLOCK TO CSA–A165.1, TYPE H15/A, SEE ARCH. DWGS. FOR FIREWALL REQUIREMENTS UNLESS NOTED OTHERWISE. (BASED ON NET AREA) – H 15/C FOR FIREWALL.
   B. MORTAR TO CSA–A179M, TYPE 'S' FOR ALL WALLS.
   C. GROUT TO CSA–A179–M.
   D. MASONRY WIRE REINFORCING TO CSA–G30.14.
   E. REINFORCING BARS TO CSA–G30.18–M–400 MPa.
   F. WELDED REINFORCING BARS TO CSA–G30.18–400 MPa.
   G. CONNECTION TO CAN/CSA A370.
   H. PRACTICE TO CAN/CSA A371.
8. SUBMIT EVIDENCE OF MORTAR AND GROUT STRENGTH. FIELD CONTROL AND TESTING SHALL COMPLY WITH REQUIREMENTS OF CLAUSE 5 OF CAN3–304.
9. PROVIDE TEMPORARY BRACING OF MASONRY WORK UNTIL PERMANENT LATERAL SUPPORT IS IN PLACE.
10. PROVIDE LINTELS OVER ALL OPENINGS IN MASONRY WALLS. SEE LINTEL SCHEDULE FOR REQUIREMENTS.
11. REFER TO TYPICAL DETAILS FOR BOND BEAM AND BEARING REQUIREMENTS AT FLOORS AND ROOFS.
12. MINIMUM STANDARD LAP LENGTH:
    WIRE REINF. – 200mm(8")
    10M BARS – 400mm(16")
    15M BARS – 600mm(24")
    20M BARS – 800mm(32")
13. UNLESS NOTED OTHERWISE, PROVIDE 2–15M VERTICAL BARS FULL HEIGHT AT:
    A. UNSUPPORTED ENDS OF WALLS
    B. EACH SIDE OF CONTROL JOINTS
14. PROVIDE CLEANOUT PORT AT BOTTOM OF EACH GROUTED CORE WHEN REQUIRED BY ENGINEER. DO NOT CLOSE PORT OR PLACE GROUT UNTIL CORE AND STEEL HAVE BEEN INSPECTED.
15. FILL CELLS CONTAINING VERTICAL REINFORCING AND BOLTS WITH GROUT VIBRATE OR PUDDLE TO FILL CELLS COMPLETELY.
16. FILL CELLS IN 1500mm (60") LIFTS MAXIMUM OR BETWEEN BOND BEAMS, WHICHEVER IS LESS, UNLESS SPECIAL PROVISIONS ARE MADE TO ENSURE FULL GROUT COLUMNS HAVE BEEN MADE TO THE SATISFACTION OF THE ENGINEER.
17. CONTROL JOINTS SHALL BE INSTALLED AT MAXIMUM SPACING OF 6000mm(20'–0"), IF NOT OTHERWISE SHOWN ON ARCHITECTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
18. FILL BLOCK CORES UNDER ALL BEAMS, JOISTS AND OTHER CONCENTRATED POINT LOADS WITH CONCRETE GROUT. GROUT SHALL EXTEND A MINIMUM OF 600mm (24") BELOW LOAD.
19. CONTROL JOINTS AND EXPANSION JOINTS SHALL BE CONTINUED THROUGH BOND BEAMS IF NOT OTHERWISE SHOWN.
20. NO MASONRY WORK SHALL BE PERMITTED WITH TEMPERATURE BELOW 5° CELSIUS, UNLESS PROVISIONS ARE MADE FOR HEATING THE MATERIALS AND PROTECTING THE WORK.
21. SET BASE PLATES ON MASONRY ON MIN. 25MPa NON–SHRINK GROUT FOR LEVELING.
22. FIRST COURSE OF MASONRY TO BE LAID IN A FULL BED OF MORTAR. ALL OTHER COURSES TO BE LAID WITH MORTAR AT FACE SHELL BED AND HEAD JOINTS.

CONCRETE BLOCK MASONRY COMPRESSIVE STRENGTH (MPa)			
LOCATION	NET	GROSS (f'm) FOR HOLLOW BLOCK	GROSS (f'm) FOR SOLID OR GROUTED BLOCK
TYP. ALL CONCRETE BLOCK	20	9.8	7.5

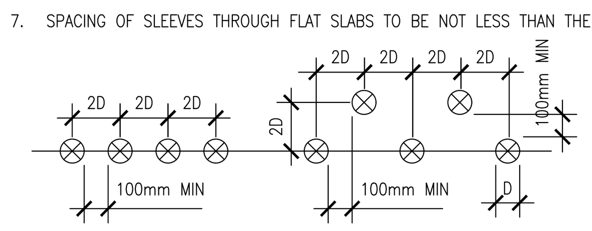
23. POCKETS FOR STEEL BEAMS AND JOISTS SHALL BE GROUTED SOLID AND THE WALL MADE GOOD AFTER

CONDUITS, PIPES AND SLEEVES EMBEDDED IN CONCRETE

SEE ALSO CSA–A23.1 – CLAUSE 13.5

EXCEPT WHEN APPROVED BY THE STRUCTURAL ENGINEER, PIPES, CONDUITS, AND SLEEVES EMBEDDED IN CONCRETE SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING GUIDELINES:

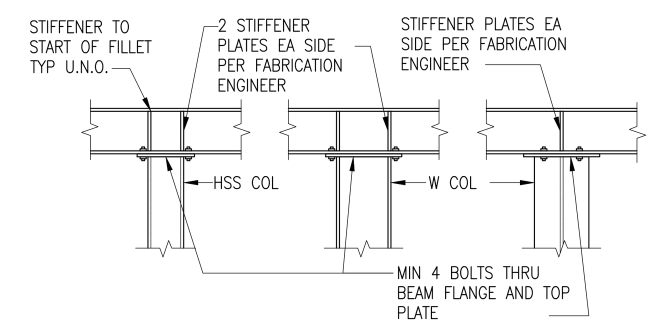
1. GENERAL
   A. NOT WITHSTANDING THE SATISFYING OF THESE GUIDELINES, THE CONDUIT, SLEEVES, PIPES, ETC. SHALL NOT IMPAIR THE STRUCTURAL STRENGTH AND SHALL BE MOVED IF SO DIRECTED BY THE STRUCTURAL ENGINEER.
   B. CENTRELINE SPACING TO BE NOT LESS THAN 3 DIAMETERS – UNLESS NOTED OTHERWISE.
   C. CENTRELINE SPACING BETWEEN PARALLEL CONDUIT AND REINFORCING BARS TO BE 3 DIAMETERS – UNLESS NOTED OTHERWISE.
   D. ADD REINFORCING AT POINTS OF CONGESTION AS DIRECTED BY STRUCTURAL ENGINEER.
2. FOR SLABS – CONDUITS IN THE PLANE OF THE SLAB.
   A. LOCATE BETWEEN TOP AND BOTTOM REINFORCING.
   B. MAXIMUM SIZE IN ONE LAYER TO BE NOT MORE THAN 1/4 CONCRETE THICKNESS.
   C. THREE LAYERS OR MORE CROSSING WILL NOT BE PERMITTED.
3. FOR COLUMNS – ELECTRICAL BOXES, CONDUIT, SLEEVES OR EMBEDDED PIPES ARE NOT ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
4. FOR BEAMS – THE TOTAL MAXIMUM SIZE OF HORIZONTAL CONDUIT PARALLEL TO THE BEAM NOT TO EXCEED 4% OF THE AREA. NO SLEEVES THRU ANY BEAMS OR SLAB BANDS UNLESS APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
5. FOR SHEAR WALLS – ELECTRICAL BOXES, CONDUIT, SLEEVES OR EMBEDDED PIPES ARE NOT ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
6. FOR NON–SHEAR WALLS – CONDUIT, SLEEVES OR EMBEDDED PIPES:
   – MAX. DIAMETER = 1/4 WALL THICKNESS.
   – NO HORIZONTAL RUNS PERMITTED.
   – VERTICAL RUNS TO HAVE MINIMUM 50mm CONCRETE COVER AND SHALL HAVE A MINIMUM CLEAR SPACING OF 4 DIAMETERS.
7. SPACING OF SLEEVES THROUGH FLAT SLABS TO BE NOT LESS THAN THE FOLLOWING:



GUIDELINES FOR SLEEVES
– SLEEVES IN FLAT SLABS NOT TO BE LOCATED NEXT TO COLUMNS UNLESS APPROVED BY ENGINEER IN WRITING.
– CLEAR DIMENSION FOR SLEEVES TO COLUMNS TO BE 1200mm MIN. UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL HSS AND W SECTIONS TO BE G40.21M–350W CLASS C. ALL OTHERS TO BE G40.21M–300W.
2. DESIGN FORCES INDICATED ON DRAWINGS FOR STRUCTURAL STEEL WORK ARE UN–FACTORED FORCES UNLESS NOTED OTHERWISE.
3. ALL CONNECTIONS TO BE DESIGNED BY FABRICATOR UNLESS NOTED OTHERWISE. ALL BEAM CONNECTIONS TO BE STANDARD SHEAR CONNECTIONS IN COMPLIANCE WITH CISC, UNLESS NOTED OTHERWISE.
4. PROVIDE SHOP DRAWINGS OF COMPONENTS AND CONNECTIONS DESIGNED BY THE FABRICATOR'S ENGINEER. DRAWINGS SHALL BE SIGNED AND SEALED BY THAT ENGINEER.
5. FABRICATOR'S ENGINEER MUST BE LICENSED IN THE PROVINCE OF ONTARIO.
6. ALL ERECTION BOLTS SHALL BE ASTM GRADE A325 MINIMUM, AND SHALL BE DESIGNED BY STEEL FABRICATOR'S ENGINEER FOR TRANSFER OF ALL LOADS.
7. BOLTED CONNECTIONS SHALL HAVE A MINIMUM OF TWO BOLTS IN EACH CONNECTION PIECE AND DESIGNED AS BEARING CONNECTIONS U.N.O.
8. UNLESS NOTED OTHERWISE, WHERE BEAMS FRAME OVER COLUMNS, PROVIDE FULL HEIGHT, FULL WIDTH STIFFENER PLATES ON EACH SIDE OVER COLUMN AS SHOWN BELOW:



9. FABRICATOR'S ENGINEER SHALL DESIGN TOP PLATES AND THEIR CONNECTIONS TO FULLY TRANSFER VERTICAL AND HORIZONTAL LOADS AS WELL AS MOMENTS WHEN REQUIRED PER CISC STANDARDS.
10. FABRICATION, ERECTION AND WORKMANSHIP SHALL CONFORM TO CSA S16.1.
11. ALL WELDING SHALL CONFORM TO CSA W59 AND SHALL BE PERFORMED BY A WELDER QUALIFIED UNDER CSA W47.
12. ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP APPLIED COAT OF PRIMER. SPOT PRIME ALL WELDED AREAS.
13. REMOVE PAINT FILM FROM ALL STEEL SURFACES TO BE WELDED. SPOT PRIME AS REQUIRED.
14. ALL WELDED CONNECTIONS SHALL BE WITH CSA W48 SERIES ELECTRODES.
15. PROVIDE DRAINAGE HOLES TO ARCHITECT'S APPROVAL IN ALL EXPOSED EXTERIOR HSS FRAMING.
16. PROVIDE CAP PLATES ON ALL HSS FRAMING MEMBERS UNLESS NOTED OTHERWISE.
17. DO NOT CUT OR CORE ANY OPENINGS IN ANY STRUCTURAL STEEL MEMBERS WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
18. WHERE A STRUCTURAL STEEL SHAPE SHOWN ON THE DRAWINGS IS UNAVAILABLE, A SHAPE OF EQUAL OR GREATER SECTION PROPERTIES AND STRUCTURAL CAPACITY SHALL BE SUBSTITUTED, UPON APPROVAL BY OWNER AND CONSULTANT AT NO EXTRA COST.
19. ALL EXTERIOR EXPOSED STEEL SHALL BE HOT DIP GALVANIZED.

STEEL DECK

1. STEEL SHEET TO CSSB1–10M GRADE A STRUCTURAL QUALITY (fy=230 MPa).
2. SPAN DECK OVER AT LEAST 3 SPANS AND PROVIDE INCREASED MATERIAL THICKNESS TO COMPENSATE FOR DISCONTINUITY WHERE LESS THAN 3 SPANS OCCUR.
3. DO NOT SUPPORT CEILING, LIGHTS, DUCTS OR PIPE FROM STEEL DECK.
4. PROVIDE CELL CLOSURES AT SUPPORTS UNLESS NOTED OTHERWISE.
5. PROVIDE CLEAN FORMED EDGE AT ENDS OF COMPOSITE SLAB OPENINGS.
6. GROUT UNDERSIDE OF STEEL FLUTES SOLID WHERE FLOOR DECK SUPPORTS MASONRY WALLS.
7. STEEL DECK SHALL BE SPOT WELDED TO STRUCTURAL STEEL BY 19mm DIA. FUSION WELDS SPACED AT 300mm CENTRE, WITH A WELD ON EACH SIDE OF A SIDE LAPPED JOINT UNLESS OTHERWISE NOTED. SHEET TO BE BUTTON PUNCHED AT 610mm (24") c/c.
8. STEEL DECK SHALL HAVE ADEQUATE CAPACITY TO SUPPORT LOADS GIVEN ON DRAWINGS.
9. STEEL DECK SUB–CONTRACTOR SHALL REINFORCE DECK FOR ROOF OPENINGS 150mm (6") TO 300mm (12") SQUARE ON SITE.

INSPECTIONS AND TESTING

1. THE FOLLOWING ITEMS SHALL BE INSPECTED OR TESTED BY INDEPENDENT INSPECTION/ TESTING AGENCIES DESIGNATED BY THE CLIENT. MATERIALS AND WORKMANSHIP NOT CONFORMING TO THE SPECIFICATIONS SHALL BE REJECTED BY THE CONTRACTOR. REPORTS AND TEST RESULTS SHALL BE PROMPTLY SUBMITTED TO THE ENGINEER FOR REVIEW. TESTING SHALL INCLUDE BUT NOT BE LIMITED TO:

CONCRETE

1. CONCRETE AND GROUT TESTING IN ACCORDANCE WITH CSA A23.2 LATEST EDITION AND THE SPECIFICATIONS, INCLUDING THE REQUIREMENTS OF SLUMP, AIR AND AGE PRIOR TO BEING USED. CONTRACTOR TO KEEP RECORDS OF POUR DATES, TESTING PERFORMED, CLASS OF CONCRETE USED AND TEST RESULTS FOR ALL ITEMS POURED.
2. TESTING TO DETERMINE THE IN–SITU STRENGTH OF CONCRETE FOR EARLY FORM REMOVAL PURPOSES WITH THE TYPE OF TEST BEING DETERMINED ON THE ADVICE OF THE TESTING AGENCY. REPAIRS NECESSARY TO THE STRUCTURE AS A RESULT OF THESE TESTS SHALL BE MADE BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
3. APPROVAL OF CONCRETE AND MORTAR MIX DESIGNS.
4. TESTING AS REQUIRED AND SPECIFIED BY THE ENGINEER TO DETERMINE THE IN–SITU STRENGTH OF CONCRETE WHICH FAILS TO MEET THE SPECIFIED REQUIREMENTS OR WHICH, DUE TO APPEARANCE, DAMAGE OR DEFECTS MAY BE DEEMED REJECTABLE. CORES SHALL BE ACQUIRED AND TESTED BY THE DESIGNATED TESTING AGENCY BUT ANY REPAIRS NECESSARY TO THE STRUCTURE AS A RESULT OF THESE TESTS SHALL BE PERFORMED AT NO COST TO THE OWNER.

ENGINEERED MASONRY TEST

1. TESTS TO VERIFY STRENGTH OF GROUT AND MORTAR.

STRUCTURAL STEEL

1. VISUAL INSPECTION OF ALL WELDS, TORQUE TESTING OF BOLTED CONNECTIONS AND CHECK ON BEARING, PLUMBNESS AND ALIGNMENT OF STEEL STRUCTURES.
2. NON–DESTRUCTIVE TESTING TO VERIFY THE QUALITY OF WELDING, WHERE DEEMED QUESTIONABLE BY VISIBLE DEFECTS OR WHERE REQUIRED BY THE ENGINEER.

REINFORCING STEEL

1. CONTRACTOR SHALL ADVISE BARRY BRYAN ASSOCIATES (1991)LTD. OF REQUIRED REINFORCING STEEL INSPECTIONS AT LEAST 24 HOURS PRIOR TO CLOSING OF COLUMN OR WALL FORMS AND 24 HOURS PRIOR TO PLACING OF CONCRETE IN SLABS, FOOTINGS, ETC.

SHOP DRAWINGS AND SUBMITTALS

GENERAL

1. REPRODUCTIONS OF THE STRUCTURAL DRAWINGS SHALL NOT BE ACCEPTED AS SHOP DRAWINGS. "PROFESSIONAL ENGINEER" IN THE FOLLOWING PARAGRAPHS SHALL BE REGISTERED AND LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO.
2. REVIEW OF DRAWINGS APPLIES TO GENERAL ARRANGEMENT ONLY FOR THE PURPOSE OF ASCERTAINING CONFORMANCE WITH THE GENERAL DESIGN CONCEPT. THIS REVIEW DOES NOT IMPLY APPROVAL OF DETAIL DESIGN OR QUANTITIES IN SUBMITTED DRAWINGS, NOR DOES IT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR MAKING THE WORK COMPLETE, ACCURATE AND IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS. ALLOW 10 WORKING DAYS FOR SHOP DRAWING REVIEW.
3. DO NOT FABRICATE MATERIALS BASED ON REJECTED OR DISAPPROVED SHOP DRAWINGS.
4. SHOP DRAWING SUBMITTALS SHALL ALSO INCLUDE ELEVATOR CONNECTION DETAILS AND ANY ELEMENTS DESIGNED BY THE CONTRACTOR'S FORCES WHICH SHALL BE SIGNED AND STAMPED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH N.B.C. SECTIONS 2.3.4.4 AND 2.3.4.5 LATEST EDITIONS.

REINFORCED CONCRETE

1. SUBMIT FOR REVIEW 2 COPIES OF REINFORCEMENT PLACING DRAWINGS AND BARLISTS FOR EVERY PORTION OF THE STRUCTURE. SHOW WALLS IN FULL ELEVATION. SHOW SLABS WITH REINFORCING STEEL CALLED UP DIRECTLY ON PLAN.
2. PROVIDE DETAILS OF DESIGN AND CONSTRUCTION OF FORMS AND FALSEWORK, SHORING AND RESHORING AND ANY SPECIAL REQUIREMENTS FOR STRIPPING OF FORMWORK. ALL SUCH DESIGN SHEETS SHALL BE PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER.
3. SUBMIT FOR REVIEW ALL PROPOSED CONCRETE MIX DESIGNS. SUBMIT AT LEAST 15 WORKING DAYS PRIOR TO START OF WORK.
4. SUBMIT FOR REVIEW DRAWINGS OF ALL PROPOSED CONSTRUCTION JOINTS LOCATIONS, AND LAYOUT DRAWINGS OF CONCRETE ISOLATION AND HOUSEKEEPING PADS.
5. REGULARLY SUBMIT REPORTS OF ALL CONCRETE TESTING AS SOON AFTER TESTING IS PERFORMED AS POSSIBLE.

MASONRY

1. SUBMIT EVIDENCE OF MORTAR AND GROUT STRENGTH.

STRUCTURAL STEEL AND STEEL DECK

1. SUBMIT WITH SHOP DRAWINGS: DECKING PLAN, PROFILE, DIMENSIONS, CORE THICKNESS, CONNECTIONS TO SUPPORTS, REQUIRED BEARINGS, CLOSURES AND ACCESSORIES.
2. SUBMIT FOR REVIEW 2 PRINTS OF ERECTION DRAWINGS FOR ALL STRUCTURAL STEEL ELEMENTS. ALL MOMENT CONNECTIONS SHALL BE DESIGNED AND THE DRAWINGS STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER.
3. SHOP DRAWING SUBMITTALS SHALL INCLUDE STEEL BEAM, COLUMN CONNECTIONS AND STEEL DETAILS, SIGNED AND STAMPED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH N.B.C. SECTIONS 2.3.4.4 AND 2.3.4.5.

RECORD DRAWINGS

1. GENERAL CONTRACTOR SHALL MAINTAIN TWO SETS OF RECORD DRAWINGS WHICH SHOW AS–BUILT DETAILS OF ALL ASPECTS OF THE STRUCTURE, FOR REVIEW DURING CONSTRUCTION AND FOR SUBMISSION AT THE END OF THE PROJECT.

STRUCTURAL DRAWING LIST

S101 GENERAL NOTES
S102 TYPICAL DETAILS
S103 TYPICAL DETAILS
S201 PART FOUNDATION PLAN, FRAMING PLANS & SCHEDULES
S501 SECTIONS
S502 SECTIONS

STRUCTURAL DESIGN DATA MATRIX

NO.	ITEM	DESCRIPTION			
	STRUCTURAL SYSTEM	STEEL ROOF DECK SUPPORTED ON MASONRY BLOCK WALLS AND INTERMEDIATE STEEL BEAMS. FLOORS ARE COMPOSITE DECK.			
1.	DESIGN CODE	2024 OBC PART 4 (LATEST EDITION)			
2. 3.	SNOW/ RAIN LOADS				
	A) IMPORTANCE (Is)	1.15 ULS, 0.9 SLS			
	B) GROUND SNOW (Ss $\frac{1}{50}$)	0.9 kPa			
	C) GROUND RAIN (Sr $\frac{1}{50}$)	0.4 kPa			
4.	WIND LOAD				
	A) IMPORT (Iw)	1.15 ULS, 0.75 SLS		TERRAIN: ROUGH	
	B) WIND PRESSURE (q $\frac{1}{50}$)	0.44 kPa			
	N–S DIRECTION	BASE SHEAR=		25 kN	
	E–W DIRECTION	BASE SHEAR=		60 kN	
5.	SEISMIC LOAD				
	A) IMPORTANCE (Ie)	1.3 ULS			
	B) SEISMIC DATA	Sa (0.2)	Sa (0.5)	Sa (1.0)	Sa (2.0)
		0.386	0.324	0.184	0.0857
	C) SITE DATA	SITE CLASS		SEISMIC CATEGORY	
		D (ASSUMED)		SC3	
		IeS(0.2)= 0.502		IeS(1.0)= 0.239	
	D) METHOD OF ANALYSIS	EQUIVALENT STATIC FORCE PROCEDURE			
	E) EQUIVALENT STATIC FORCE PROCEDURE	Ta=		Mv=	J=
		0.30 SEC.		1.0	1.0
	N–S DIRECTION	TYPE OF SFRS		Rd=	Ro=
		MASONRY SHEAR WALLS		1.5	1.5
		BASE SHEAR=		151 kN	
	E–W DIRECTION	TYPE OF SFRS		Rd=	Ro=
		MASONRY SHEAR WALLS		1.5	1.3
		BASE SHEAR=		151 kN	
6.	FOUNDATION				
	DESCRIPTION	CONVENTIONAL CONCRETE FOOTINGS			
	SUB–GRADE	NATIVE			
	BEARING (ULS)	150 kPa			
	BEARING (SLS)	100 kPa			

DO NOT SCALE THE DRAWINGS.
CHECK AND VERIFY ALL DIMENSIONS AT THE SITE.

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DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED AND SEALED BY THE CONSULTANT.

tdsb
Toronto District School Board

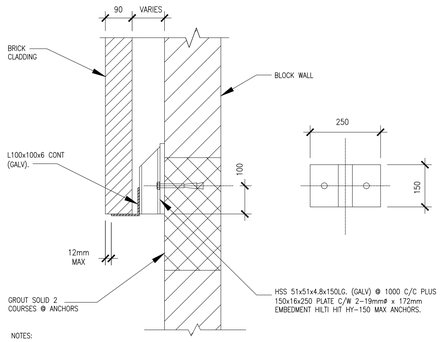
NO.	ISSUES/ REVISIONS	DATE	BY
1	ISSUED FOR CLIENT REVIEW	FEB. 26, 2026	BBA
2	ISSUED FOR PERMIT & TENDER	APRIL 1, 2026	BBA
3	ISSUED FOR TENDER	APRIL 29, 2026	BBA

BBA
BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
GENERAL NOTES

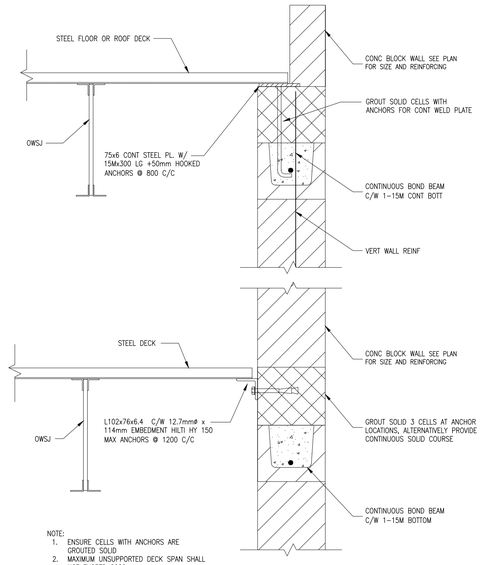
DESIGN BY: SJ
SEAL:
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-20
SCALE: 1:50
PROJECT NO: 25253
DRAWING NO: S101



NOTES:

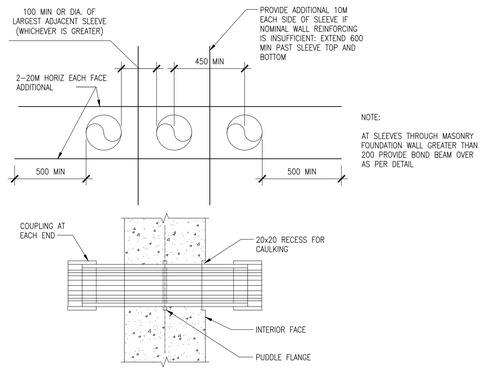
1. MAX LENGTH OF CONT ANGLE TO BE 6000mm.
2. STOP CONT ANGLE AT ALL MASONRY CONTROL JOINTS.
3. CONNECT HSS TO MASONRY AT MAX OF 250mm FROM EACH END OF ANGLE.
4. MITER SHELF ANGLES AT CORNERS.
5. PROVIDE A MINIMUM OF 2 INSERTS FOR EACH LENGTH OF ANGLE.
6. MAXIMUM SUPPORT OF BRICK CLADDING ABOVE SHALL NOT EXCEED 4000mm.

15 / S102 **MASONRY DETAILS**
N.T.S.



NOTE:
1. ENSURE CELLS WITH ANCHORS ARE GROUTED SOLID
2. MAXIMUM UNSUPPORTED DECK SPAN SHALL NOT EXCEED 2000mm

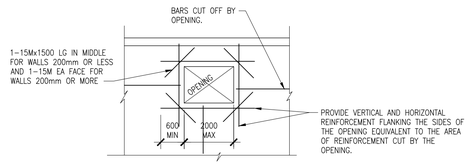
12 / S102 **SUPPORT FOR DECK ABUTTING TO MASONRY**
N.T.S.



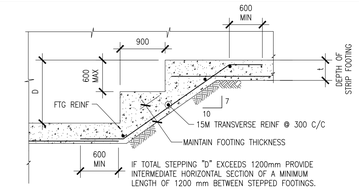
NOTE:
AT SLEEVES THROUGH MASONRY FOUNDATION WALL GREATER THAN 200 PROVIDE BOND BEAM OVER AS PER DETAIL

SLEEVE REINFORCEMENT DETAIL

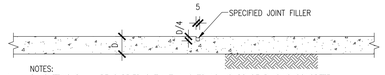
NOTES:
1. UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, REINFORCE AROUND OPENING IN WALL AS PER DETAILS BELOW.
2. DO NOT MAKE OPENINGS LARGER THAN THE MAXIMUM DIMENSIONS NOTED BELOW WITHOUT PRIOR APPROVAL FROM THE ENGINEER OR UNLESS NOTED ON STRUCTURAL DRAWINGS.



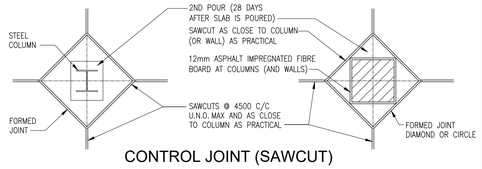
8 / S102 **REINFORCING FOR OPENINGS IN CONCRETE WALLS**
N.T.S.



5 / S102 **STEPPED DOWN FOOTING**
N.T.S.

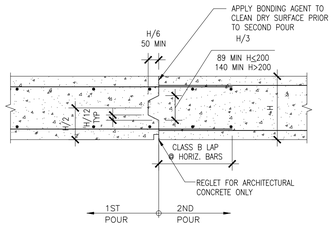


NOTES:
1. SAWCUTTING SHALL BE CARRIED OUT WITHIN 6 TO 18 HOURS OF PLACING CONCRETE.
2. AFTER THE SLAB IS 30 DAYS OLD, REMOVE ALL DEBRIS FROM THE SAWCUTS AND FILL WITH MORTAR CONTAINING CEMENT, SAND AND LATEX BONDING AGENT, OR AS NOTED IN SPECIFICATIONS
3. SPACE SAWCUTS AT 4500mm MAX U.N.O. ON PLAN

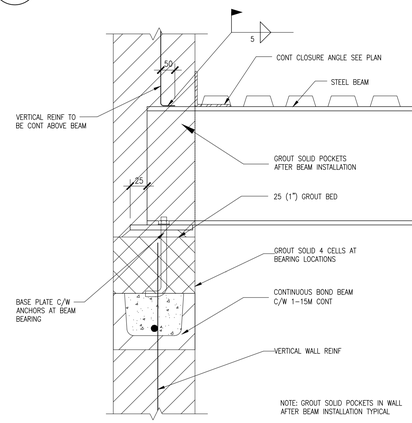


CONTROL JOINT (SAWCUT)

4 / S102 **SLAB DETAILS**
1:20

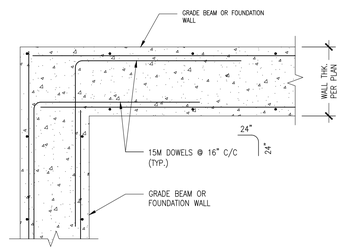


3 / S102 **VERTICAL CONSTRUCTION JOINT DETAIL**
1:20



TOP OF LOAD BEARING MASONRY WALL OR EDGE OF WALL DECK SUPPORT DETAIL

14 / S102 **STEEL BEAM BEARING ON MASONRY**

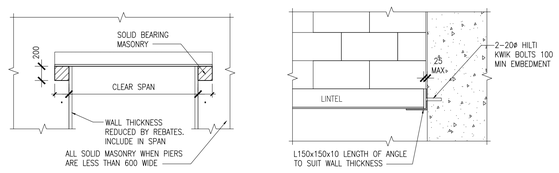


11 / S102 **TYP. WALL REINF. AT WALL CORNERS**
NTS

STEEL LINTELS FOR MASONRY WALLS

WALL THICKNESS	CLEAR SPAN					DETAIL
	UP TO 1200	1200 TO 1800	1800 TO 2400	2400 TO 3000	3000 TO 4500	
90 VENEER	1-L89x89x6.4	1-L127x89x6.4 (LLV)	1-L127x89x7.9 (LLV)	1-L152x89x9.5 (LLV)	SEE NOTE #4	L
140	2-L64x64x6.4	2-L89x64x6.4	2-L89x64x7.9	2-L89x64x9.5	W200x27	64 LEGS HORIZ
190	2-L89x75x6	2-L89x89x6	2-L102x89x8	2-L127x89x8	W200x36+180x12 CONT TOP PLATE	89 LEGS HORIZ
240	1-L102x76x6.4+ 1-L127x76x6.4	1-L102x102x6+ 1-L127x75x6	1-L102x102x8+ 1-L127x89x8	1-L102x150x8+ 1-L127x125x8	W200x46+230x12 CONT TOP PLATE	102 & 127 LEGS HORIZ
290	3-L89x76x6.4 (LLH)	3-L89x89x6.4	3-L102x89x7.9 (LLV)	3-L127x89x7.9 (LLV)	W200x52+280x12 CONT TOP PLATE	L L

NOTES
1. CONNECT ANGLES AT 600 C/C BY WELDING OR BOLTING FOR ANGLES WITH A TOTAL LENGTH OF 1800 OR MORE. USE 16# BOLTS OR 6x50 LONG WELDS.
2. USE SCHEDULES FOR LINTELS OVER MECH OPENINGS IN ALL MASONRY WALLS UNLESS NOTED OTHERWISE ON PLAN. REFER TO MECH DWGS FOR LOCATIONS.
3. OPENINGS TO BE LOCATED MIN 3 COURSES BELOW UNDERSIDE OF SLAB UNLESS APPROVED BY STRUCTURAL ENGINEER.
4. FOR DOUBLE WYTHE WALLS PROVIDE 10mm GUSSETS @ 800 C/C STEEL LINTEL SUPPORT BLOCK ABOVE PLUS CONT. 320x10mm BOT PLATE.

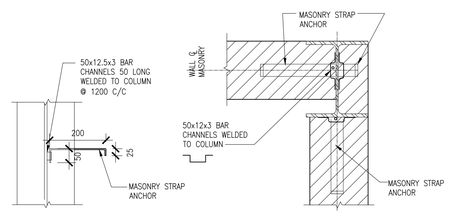


* BEARING LENGTH
150 (6") MINIMUM EACH END (STEEL ANGLE LINTEL
200 (8") MINIMUM EACH END (BLOCK LINTELS)

CONNECT TO STEEL WITH 6mm WELD TOP & BOTTOM FOR FULL LENGTH OF ANGLE

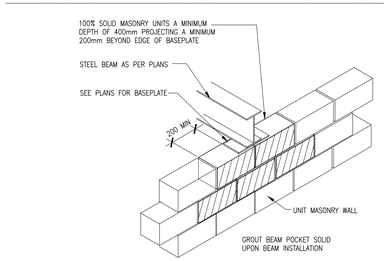
PROVIDE SHOP WELDED GALVANIZED STEEL STRAP ANCHORS AT 400 C/C FOR MASONRY ANCHORAGE TO STEEL COLUMN

7 / S102 **NON-LOADBEARING MASONRY LINTEL SCHEDULE**
N.T.S

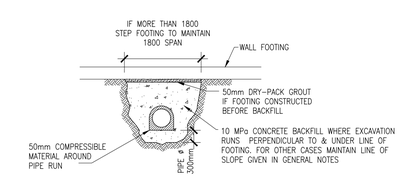


NOTES:
1. REFER TO SPECIFICATIONS FOR SPACING OF SLEEVE PLATES.
2. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND EXTENT OF MASONRY.

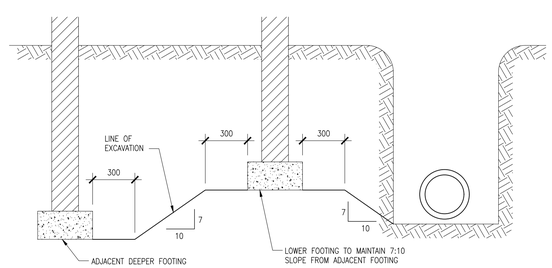
2 / S102 **MASONRY ANCHORAGE DETAIL**
1:20



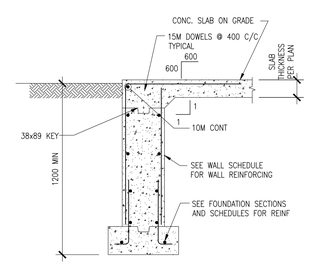
13 / S102 **ROOF DECK ANCHORAGE**
N.T.S.



9 / S102 **BACKFILLING UNDER CONT WALL FOOTING**
N.T.S



6 / S102 **SLOPE REQUIREMENTS OF ADJACENT FOOTING**
1:20



1 / S102 **FOUNDATION AT DOOR OPENING**
1:20

DO NOT SCALE THE DRAWINGS.
CHECK AND VERIFY ALL DIMENSIONS AT THE SITE.

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tdsb
Toronto District School Board

NO.	ISSUES/ REVISIONS	DATE	BY
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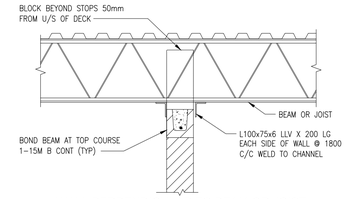
2	ISSUED FOR PERMIT & TENDER	APRIL 1, 2026	BBA
3	ISSUED FOR TENDER	APRIL 29, 2026	BBA

BBA
BARRY BRYAN ASSOCIATES

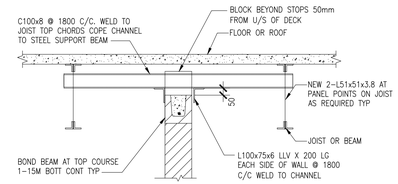
PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
TYPICAL DETAILS

DESIGN BY: SJ
SEAL:
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-20
SCALE: 1:50
PROJECT NO: 25253
DRAWING NO: S102



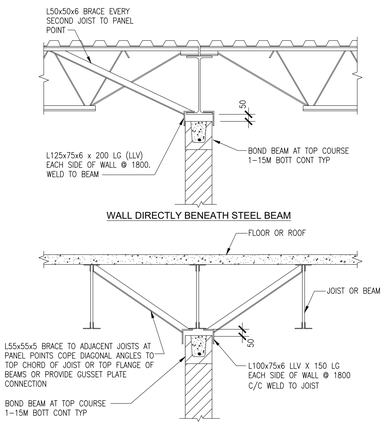
WALL PERPENDICULAR TO BEAM OR JOIST



WALL PARALLEL TO JOIST OR BEAM

3
S103

LATERAL SUPPORT OF TOP OF MASONRY WALLS

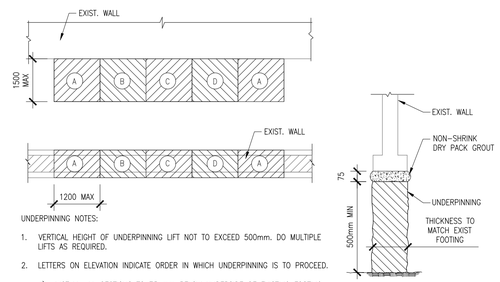


WALL DIRECTLY BENEATH STEEL BEAM

WALLS ALIGNING PARALLEL TO JOIST OR BEAM

2
S103

LATERAL SUPPORT OF TOP OF MASONRY WALLS



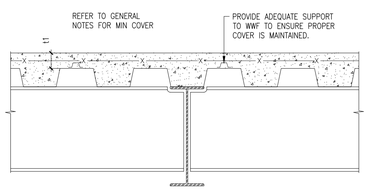
UNDERPINNING NOTES:

1. VERTICAL HEIGHT OF UNDERPINNING LIFT NOT TO EXCEED 500mm. DO MULTIPLE LIFTS AS REQUIRED.
2. LETTERS ON ELEVATION INDICATE ORDER IN WHICH UNDERPINNING IS TO PROCEED.
   a) INSTALL ALL SECTIONS TO 75 mm BELOW UNDERSIDE OF EXISTING FOOTING.
   b) ONCE CONCRETE HAS ATTAINED 70% OF ITS 7 DAYS STRENGTH PACK NON-SHRINKABLE DRY PACK GROUT TIGHT TO UNDERSIDE OF EXISTING FOOTING.
   c) PROCEED WITH SUBSEQUENT NUMBERED SEGMENTS FOLLOWING PROCEDURES a) AND b) ABOVE.
3. ENSURE THAT NEW UNDERPINNED FOOTING IS BEARING ON UNDISTURBED NATIVE SOIL APPROVED BY THE GEO-TECHNICAL ENGINEER

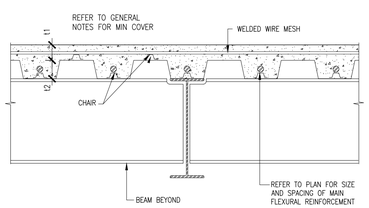
5
S103

UNDERPINNING DETAIL

N.T.S.



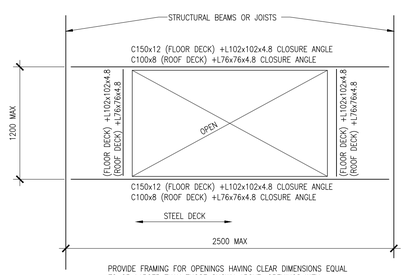
PLACEMENT OF WELDED WIRE MESH



PLACEMENT OF DEFORMED REINFORCING BARS

1
S103

REINFORCEMENT PLACEMENT IN COMPOSITE SLABS



PROVIDE FRAMING FOR OPENINGS HAVING CLEAR DIMENSIONS EQUAL TO OR LARGER THAN THOSE SHOWN ABOVE. OPENINGS WITH SMALLER DIMENSIONS SHALL BE FRAMED BY DECK SUPPLIER.

4
S103

ROOF FLOOR OPENING REINFORCEMENT

N.T.S

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tdsb
Toronto District School Board

NO.	ISSUES/ REVISIONS	DATE	BY
1	ISSUED FOR CLIENT REVIEW	FEB. 26, 2026	BBA
2	ISSUED FOR PERMIT & TENDER	APRIL 1, 2026	BBA
3	ISSUED FOR TENDER	APRIL 29, 2026	BBA

BBA
BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
TYPICAL DETAILS

DESIGN BY: SJ
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-20
SCALE: 1:50
SEAL:
PROJECT NO: 25253
DRAWING NO: S103

ZONE REINFORCEMENT SCHEDULE

MARK	REINFORCING	DETAIL	REMARKS
Z1	2-15M VERT		GROUT SOLID REINFORCED CELLS
Z2	3-15M VERT		GROUT SOLID REINFORCED CELLS
Z3	4-15M VERT		GROUT SOLID REINFORCED CELLS

1. REINFORCED ZONES SHALL BE GROUTED SOLID.
2. PROVIDE 'Z1' AT EACH SIDE OF OPENINGS IN CONCRETE BLOCK WALL.

BASE PLATE SCHEDULE

MARK	SIZE	NOTES
BP1	PL19x190x200	C/W (1)-16mmø x 300 LG + 25mm HOOKED ANCHOR
BP2	PL19x190x275	C/W (2)-16mmø x 300 LG + 25mm HOOKED ANCHOR
BP3	PL19x300x400	C/W (2)-16mmø x 300 LG EPOXY ANCHOR

LINTEL SCHEDULE

MARK	SIZE	NOTES
L1	W200x36	C/W BP1 EACH END AND 15M WELDABLE REBAR EXTENDING INTO CMU WALL ABOVE, SPACING TO MATCH WALL REINFORCING
L2	2-L127x89x7.9	C/W PL 6mm CONT. ACROSS CLEAR WIDTH OF OPENING
L3	W200x52	C/W PL16 WELDED TO UNDERSIDE OF BEAM (SEE DETAIL 7/S501) AND 15M WELDABLE REBAR EXTENDING INTO CMU WALL ABOVE, SPACING TO MATCH WALL REINFORCING.
L4	W200x86	C/W BP2 EACH END AND 15M WELDABLE REBAR EXTENDING INTO WALL ABOVE, SPACING TO MATCH WALL REINFORCING.

CONCRETE WALL SCHEDULE

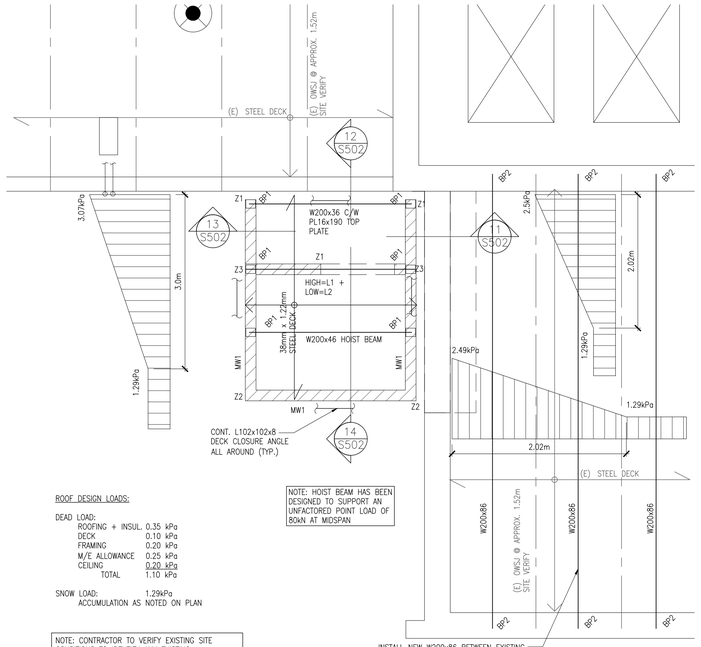
MARK	SIZE
W1	400mm THICK R/W 15M @ 300 O.C. HORIZ. + VERT, E.F.
W2	200mm THICK R/W 15M @ 300 O.C. HORIZ. + VERT.
W3	190mm THICK R/W 15M @ 300 O.C. HORIZ. + VERT.

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCING
WF1	1000	300	R/W 6-15M CONT. C/W 15M HOOK DOWELS INTO WALL, SPACING TO MATCH WALL REINF.
WF2	800	300	R/W 4-15M CONT. C/W 15M HOOK DOWELS INTO WALL, SPACING TO MATCH WALL REINF.
WF3	(SEE SECTIONS)		

MASONRY WALL SCHEDULE

MARK	SIZE	REINFORCING	NOTES
MW1	190mm	R/W 15M @ 400 O.C. VERT. + HDLR @ 400 O.C. HORIZONTAL	CONT. BOND BEAM @ FLOOR LEVEL AND TOP OF WALL



ROOF DESIGN LOADS:

DEAD LOAD:

ROOFING + INSUL.	0.35 kPa
DECK	0.10 kPa
FRAMING	0.20 kPa
M/E ALLOWANCE	0.25 kPa
CEILING	0.20 kPa
TOTAL	1.10 kPa

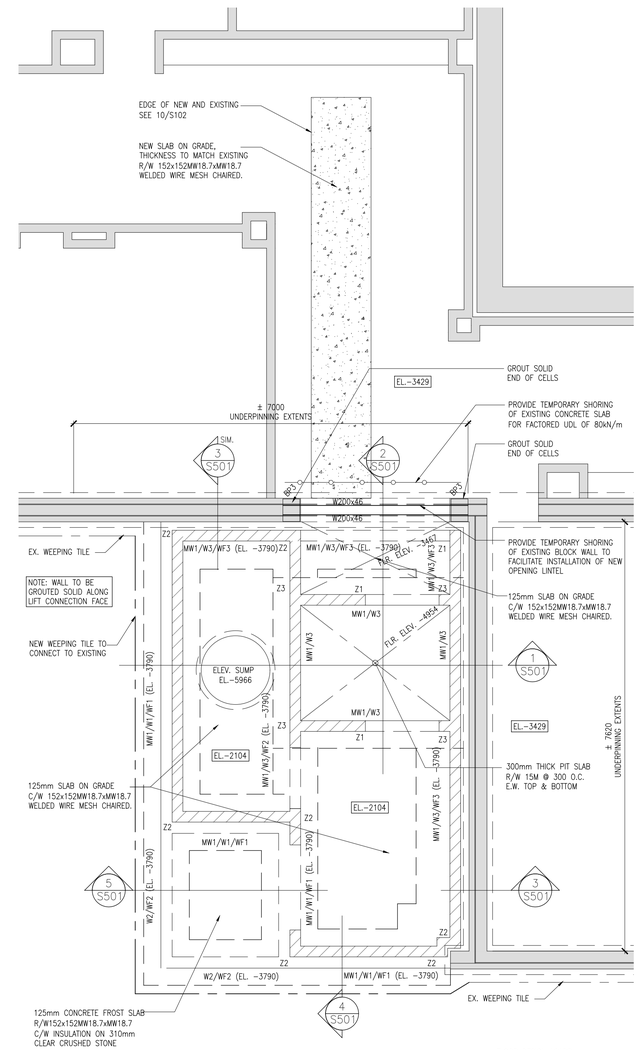
SNOW LOAD: 1.29kPa
ACCUMULATION AS NOTED ON PLAN

NOTE: HOIST BEAM HAS BEEN DESIGNED TO SUPPORT AN UNFACTORED POINT LOAD OF 80kN AT MIDSPAN

NOTE: CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS TO IDENTIFY ANY EXISTING INTERFERENCES FOR REINFORCING EXISTING ROOF. ALL EXISTING MECHANICAL AND ELECTRICAL INTERFERENCES TO BE REMOVED AND LOCALLY RELOCATED TO ALLOW FOR NEW BEAM INSTALLATION

NOTE: WALL ALONG LIFT CONNECTION FACE TO BE SOLID GROUTED

4 / S201 PART ROOF FRAMING PLAN
1:50



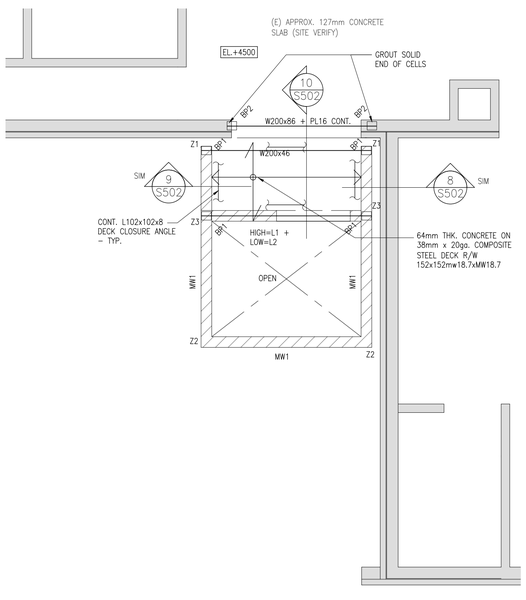
FLOOR DESIGN LOADS:

DEAD LOAD:

FLOORING	0.24 kPa
SLAB	3.00 kPa
TOTAL	3.24 kPa

LIVE LOAD: 4.8 kPa

1 / S201 PART FOUNDATION PLAN
1:50



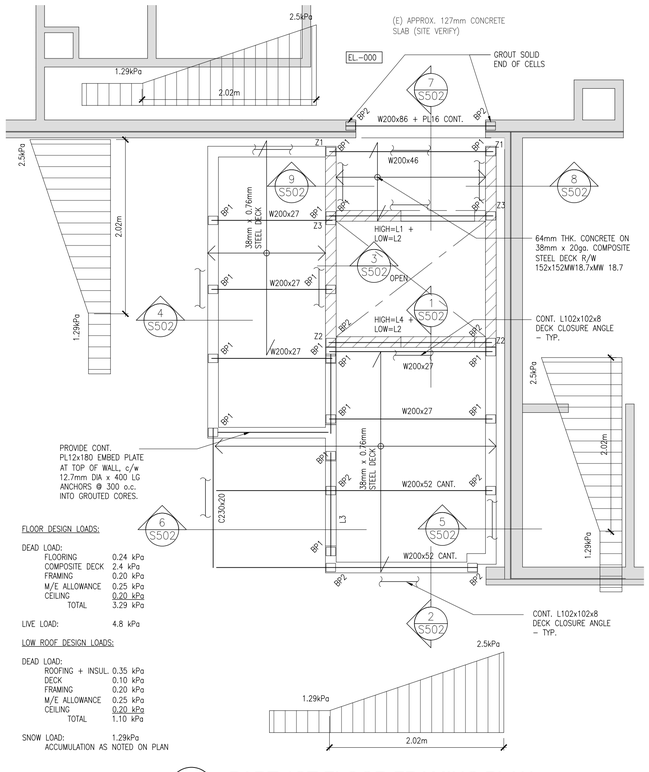
FLOOR DESIGN LOADS:

DEAD LOAD:

FLOORING	0.24 kPa
COMPOSITE DECK	2.4 kPa
FRAMING	0.20 kPa
M/E ALLOWANCE	0.25 kPa
CEILING	0.20 kPa
TOTAL	3.29 kPa

LIVE LOAD: 4.8 kPa

3 / S201 PART 2ND FLOOR FRAMING PLAN
1:50



FLOOR DESIGN LOADS:

DEAD LOAD:

FLOORING	0.24 kPa
COMPOSITE DECK	2.4 kPa
FRAMING	0.20 kPa
M/E ALLOWANCE	0.25 kPa
CEILING	0.20 kPa
TOTAL	3.29 kPa

LIVE LOAD: 4.8 kPa

LOW ROOF DESIGN LOADS:

DEAD LOAD:

ROOFING + INSUL.	0.35 kPa
DECK	0.10 kPa
FRAMING	0.20 kPa
M/E ALLOWANCE	0.25 kPa
CEILING	0.20 kPa
TOTAL	1.10 kPa

SNOW LOAD: 1.29kPa
ACCUMULATION AS NOTED ON PLAN

2 / S201 PART 1ST FLOOR FRAMING PLAN
1:50

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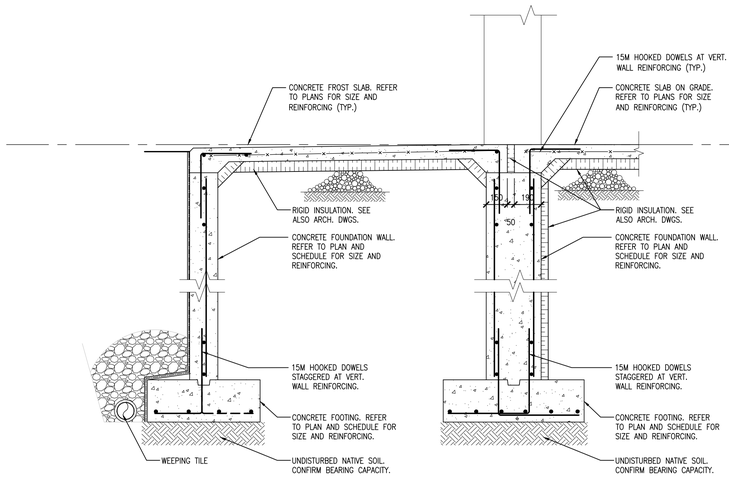
BARRY BRYAN ASSOCIATES

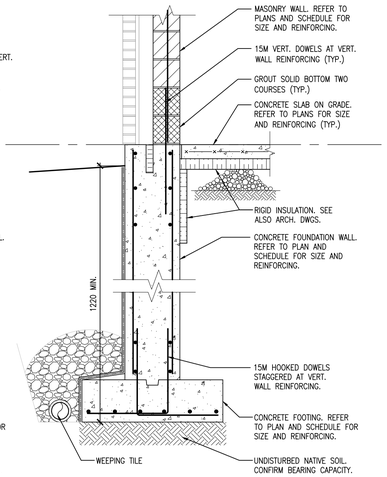
PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
PART FOUNDATION PLAN, FRAMING PLANS & SCHEDULES

DESIGN BY: SJ
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-20
SCALE: 1:50
SEAL:
PROJECT NO: 25253
DRAWING NO: S201



5 / S501 SECTION
1:20



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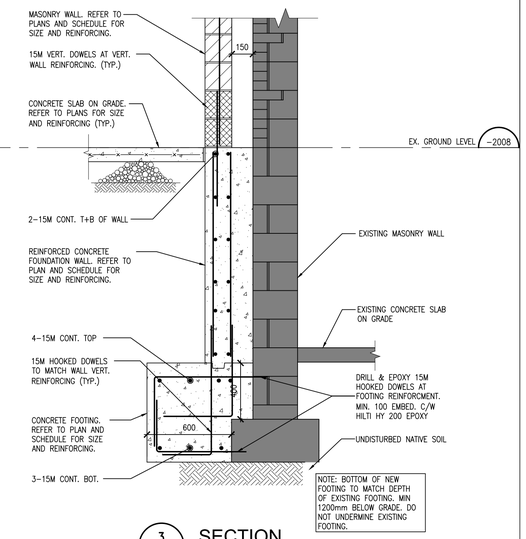

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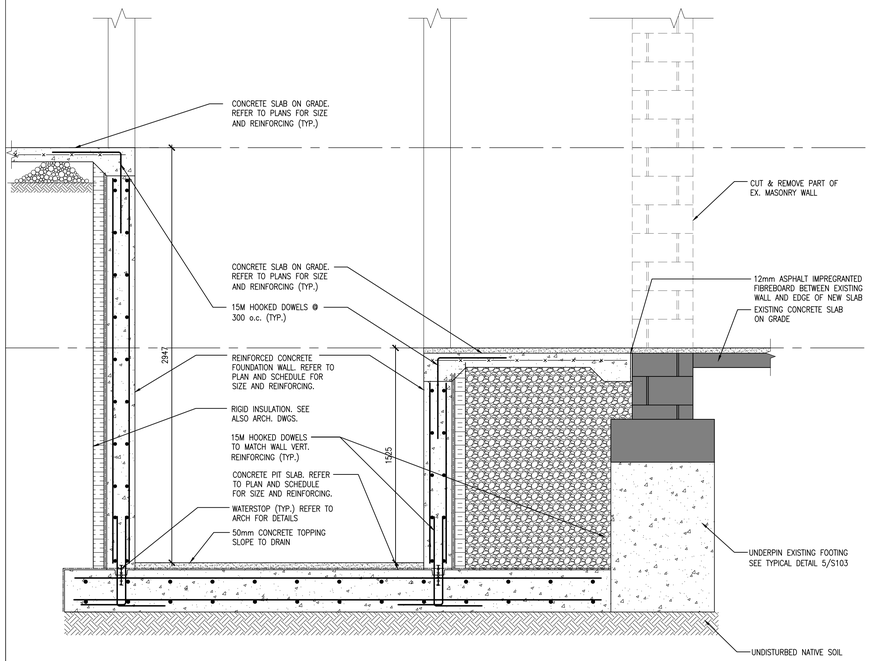

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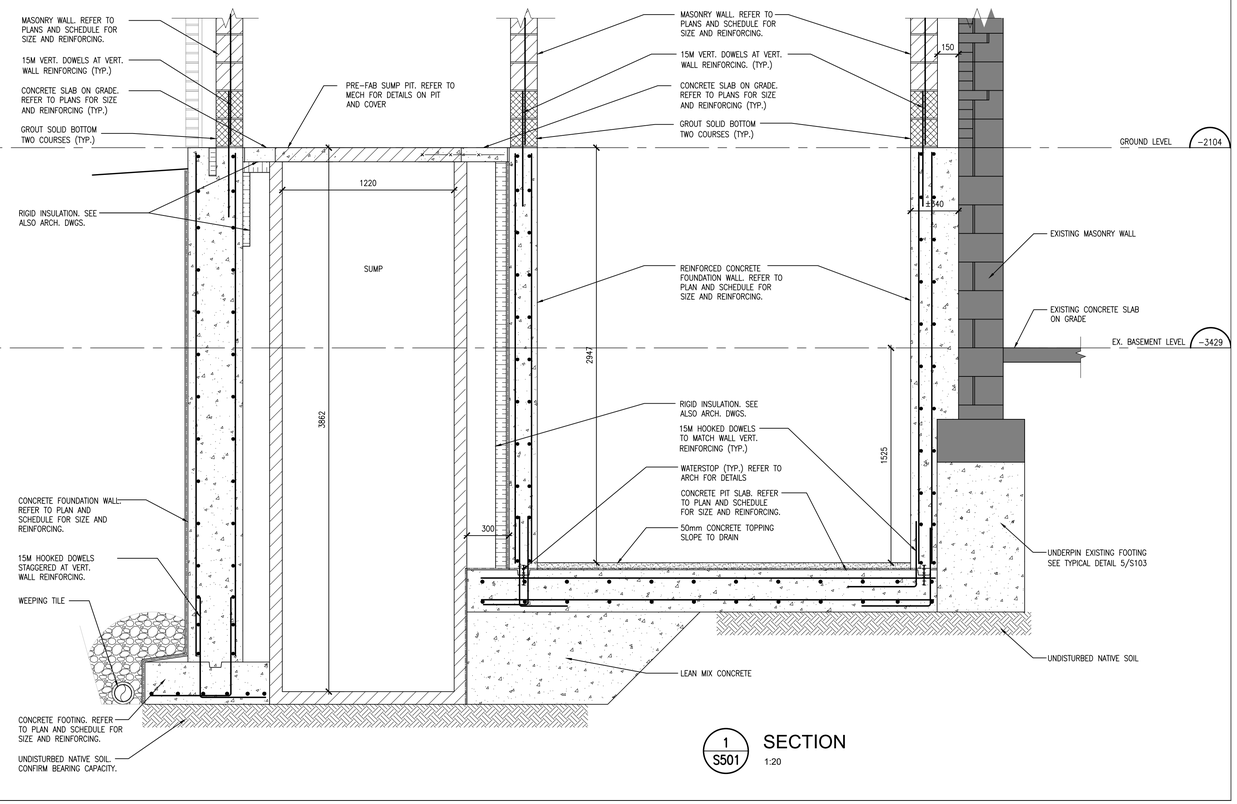

1 / S501 SECTION
1:20

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BARRY BRYAN ASSOCIATES

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TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

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SECTIONS

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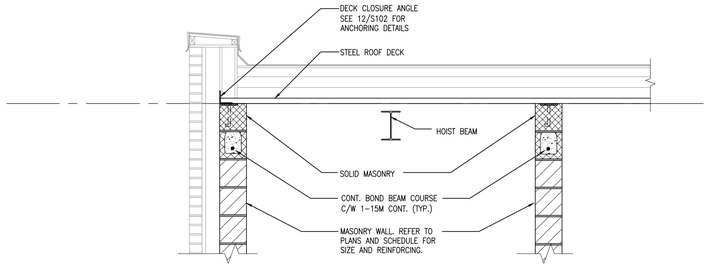
DRAWN BY: NV	
CHECKED BY:	
DATE: 2026-01-20	
SCALE: 1:50	
PROJECT NO: 25253	DRAWING NO: S501



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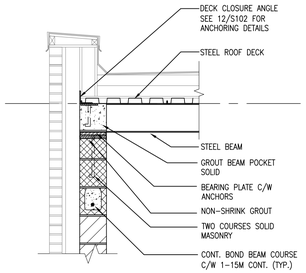

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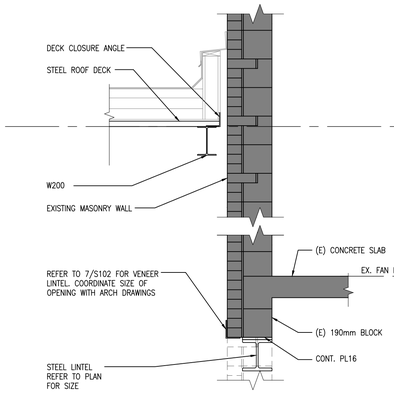

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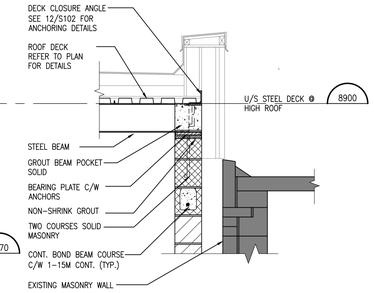
1:20



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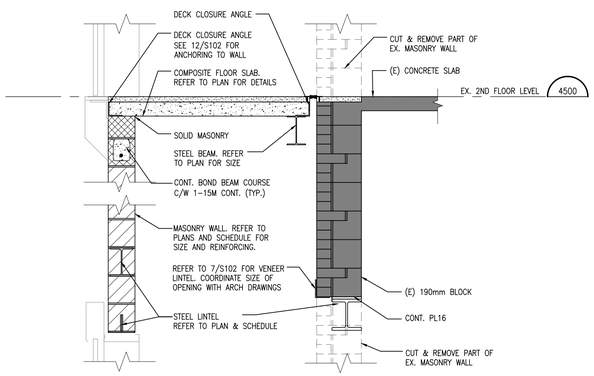

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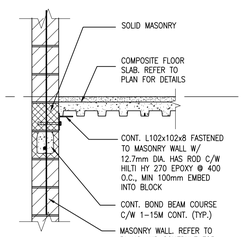

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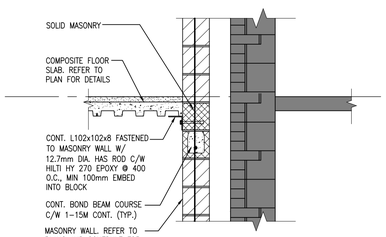

8 S502 SECTION
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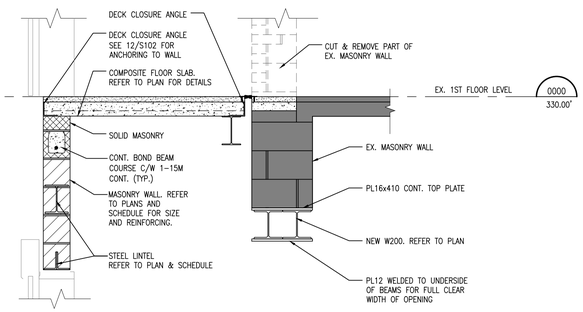

7 S502 SECTION
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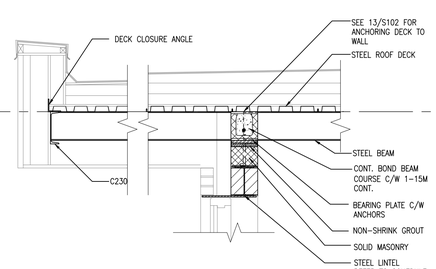
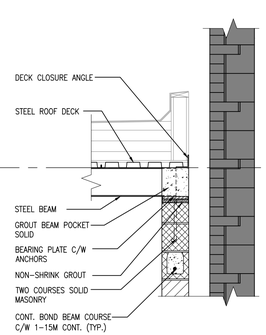
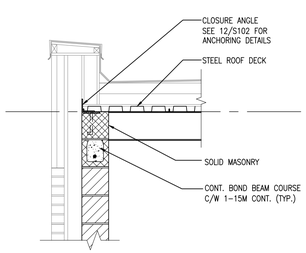


6 S502 SECTION
1:20



5 S502 SECTION
1:20



4 S502 SECTION
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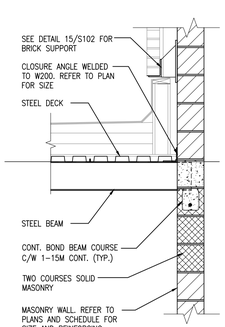
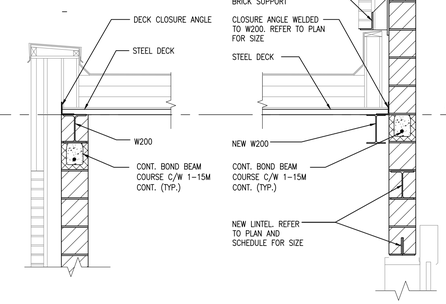


3 S502 SECTION
1:20



2 S502 SECTION
1:20

1 S502 SECTION
1:20

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BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
SECTIONS

DESIGN BY: SJ
SEAL:
DRAWN BY: NV
CHECKED BY:
DATE: 2026-01-20
SCALE: 1:50
PROJECT NO: 25253
DRAWING NO: S502

LEGEND (NOT ALL SYMBOLS SHOWN ON THIS LEGEND ARE NECSSARILY USED ON THIS PROJECT)

EXISTING/DEMOLISHED PIPING:

- [TYPE] — EXISTING PIPEWORK TO BE DEMOLISHED
- [TYPE] — EXISTING PIPEWORK TO REMAIN
- DCW — EXISTING DOMESTIC COLD WATER
- DHW — EXISTING DOMESTIC HOT WATER
- DHWR — EXISTING DOMESTIC HOT WATER RECIRC.

PLUMBING:

- DCW — DOMESTIC COLD WATER
- DHW — DOMESTIC HOT WATER
- DHWR — DOMESTIC HOT WATER RECIRC.
- SW — SOFTENED DOMESTIC WATER
- TW — DOMESTIC TEMPERED WATER
- NPW — NON-POTABLE WATER PIPE
- SAN — SANITARY DRAINAGE
- SAN — SANITARY DRAINAGE (BELOW)
- V — SANITARY VENT
- STW — STORM WATER DRAINAGE
- STW — STORM WATER DRAINAGE (BELOW)

FUEL PIPING:

- G — NATURAL GAS

HEATING/COOLING PIPING:

- HWS — HEATING WATER SUPPLY
- HWR — HEATING WATER RETURN
- DTWS — DUAL TEMPERATURE WATER SUPPLY
- DTWR — DUAL TEMPERATURE WATER RETURN
- CWS — CHILLED WATER SUPPLY
- CWR — CHILLED WATER RETURN
- RL — REFRIGERANT LIQUID SUPPLY
- RV — REFRIGERANT VAPOUR RETURN

SPRINKLER AND FIRE PROTECTION PIPING

- FIRE PROTECTION ZONE
- FIRE PROTECTION RATING
- F — XXXØ — FIRE PROTECTION PIPE
- SP — XXXØ — SPRINKLER MAIN
- XXXØ — SPRINKLER BRANCH PIPING
- DSP — XXXØ — DRY SPRINKLER PIPING
- PA — XXXØ — PRE-ACTION SPRINKLER PIPING

VALVES

EXISTING | DEMO | NEW

- GATE VALVE
- BALL VALVE
- GLOBE VALVE (TOP / SIDE)
- CIRCUIT BALANCING VALVE
- TWO-WAY CONTROL VALVE
- SOLENOID OPERATED VALVE
- PLUG VALVE
- BACK FLOW PREVENTER
- SWING CHECK VALVE
- SPRING TYPE CHECK VALVE
- REDUCED PRESSURE BACKFLOW PREVENTER
- DOUBLE CHECK VALVE ASSEMBLY
- PRV — GAS PRV
- SAFETY OR RELIEF VALVE
- HOSE BIBB VALVE

VENTILATION:

- TERMINAL BOX / WITH ATTENUATOR / AND REHEAT COIL
- DROP / RISE — [TYPE] — EXISTING DUCT TO REMAIN (TYPE INDICATED)
- EXISTING DUCT TO BE DEMOLISHED
- S/A — SUPPLY AIR DUCT
- R/A — RETURN AIR DUCT
- T/A — TRANSFER AIR DUCT
- O/A — OUTDOOR AIR DUCT
- G/E — GENERAL EXHAUST DUCT
- W/E — WASHROOM EXHAUST DUCT
- K/E — KITCHEN EXHAUST DUCT
- F/E — FUME HOOD EXHAUST DUCT
- RECTANGULAR DUCTS UP: (SUPPLY / RETURN / EXHAUST)
- RECTANGULAR DUCTS DOWN: (SUPPLY / RETURN / EXHAUST)
- MOTORIZED DAMPER / BALANCING DAMPER
- FIRE DAMPER / SMOKE DAMPER / COMBINATION FIRE-SMOKE DAMPER
- ROUND ELBOWS - 45°: R1.0 / R1.5 / R2.0
- ROUND ELBOWS - 90°: R1.0 / R1.5 / R2.0
- RECTANGULAR ELBOWS - 45°: R1.0 / R1.5
- RECTANGULAR ELBOWS - 90°: R1.0 / R1.5
- RECTANGULAR ELBOWS WITH TURNING VANES: (90° R1.0 / 45° R1.0 / 90° SQUARE)
- ACOUSTICALLY LINED DUCT
- GRILLES AND DIFFUSERS: SUPPLY / RETURN / EXHAUST
- SUPPLY DIFFUSERS: SQUARE / ROUND PLAQUE OR CONE
- HORIZONTAL OR WALL GRILLES / DIFFUSER: SUPPLY / RETURN OR EXHAUST.

PLUMBING & DRAINAGE

- FUNNEL FLOOR DRAIN / FLOOR DRAIN / FLOOR DRAIN WITH TRAP
- HUB DRAIN / WITH TRAP
- CLEAN OUT PLUG / FLOOR
- P-TRAP / SINK TRAP / P-TRAP BELOW GRADE
- HOT / DRAIN / COLD CONNECTIONS

CONTROLS

- CONTROL WIRE
- T — THERMOSTAT / SPACE TEMPERATURE SENSOR
- T — THERMOSTAT WITH GUARD
- H — HUMIDISTAT / HUMIDITY SENSOR
- CO2 — CO2 SENSOR
- $ — SWITCH
- PUSH BUTTON

FIRE PROTECTION

NOTE: DEMOLISHED ITEMS WITH "R" DENOTES "SAVE FOR REINSTALLATION IN NEW LOCATION"

- PENDANT
- PENDANT (EXISTING TO REMAIN)
- D — PENDANT (DEMOLISHED)
- R — PENDANT (REMOVE AND REINSTALL IN NEW LOCATION)
- RECESSED
- UPRIGHT
- CONCEALED
- DRY PENDANT
- DRY PENDANT (EXISTING)
- PRE-ACTION
- SIDEWALL
- CONCEALED SIDEWALL
- RECESSED SIDEWALL
- FE — FIRE EXTINGUISHER
- FE — FIRE EXTINGUISHER (EXISTING)
- SURFACE MOUNTED F.E. CABINET
- SEMI-RECESSED F.E. CABINET
- FULLY RECESSED F.E. CABINET
- FIRE DEPARTMENT CONNECTION
- FIRE DEPARTMENT TEST CONNECTION

PIPE ANNOTATION

- UP FROM BELOW / UP TO ABOVE
- DOWN TO BELOW / DOWN FROM ABOVE
- VENT UP FROM BELOW / UP TO ABOVE
- VENT UP FROM BELOW / UP TO VENT CAP
- PIPEWORK SHORTENED FOR CLARITY
- PIPEWORK CONTINUED ELSEWHERE
- PIPEWORK SHORTENED FOR CLARITY (ALTERNATE SYMBOL)
- PIPE FLOW ARROW (SMALL)
- PIPE FLOW ARROW (LARGE)

EQUIPMENT:

- PUMP
- RADIANT PANEL
- UNIT HEATER (HORIZONTAL)
- UNIT HEATER (VERTICAL)

TAGS:

- SCHEMATIC INLET/OUTLET
- TYPE — PLUMBING FIXTURE TYPE TAG
- TYPE / SIZE / FLOW — GRILLE / DIFFUSER TAG
- TYPE / FIN LENGTH / OUTPUT — FIN TUBE RADIATION TAG
- TYPE / OUTPUT — RADIANT PANEL TAG
- XXXX — EQUIPMENT IDENTIFICATION TAG
- TP / # — TIE-IN POINT

DRAWING LIST:

DRAWING:	DESCRIPTION:	SCALE:
M0-00	MECHANICAL LEGEND, GENERAL NOTES AND DRAWING LIST	N.T.S.
M0-01	MECHANICAL KEY PLANS	1:400
M1-00	MECHANICAL DEMOLITION PLANS	1:50
M2-00	MECHANICAL PLANS	1:50
M3-00	MECHANICAL SCHEDULES	N.T.S.
M4-00	MECHANICAL DETAILS	N.T.S.

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Toronto District School Board

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BARRY BRYAN ASSOCIATES

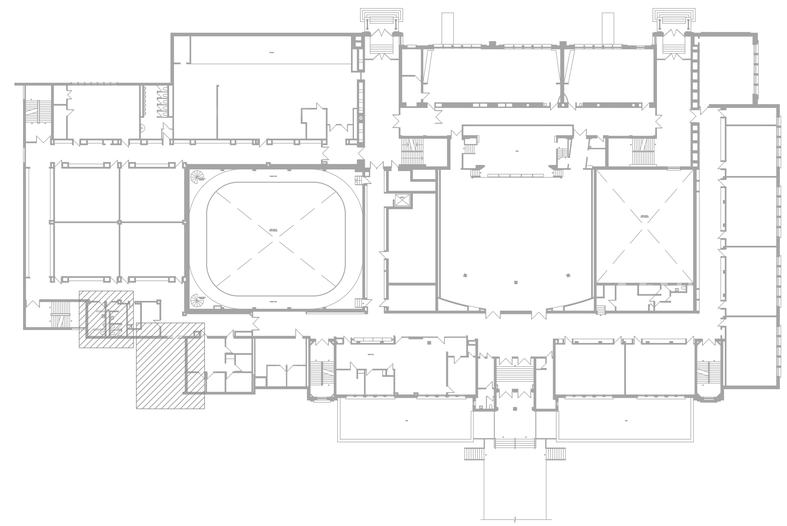
PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
MECHANICAL LEGEND, GENERAL NOTES AND DRAWING LIST

DESIGN BY: JC/AM	SEAL:
DRAWN BY: JC/AM	
CHECKED BY: CL	
DATE: 2026-04-29	
SCALE: N.T.S	
PROJECT NO: 25301-25	DRAWING NO: M0-00

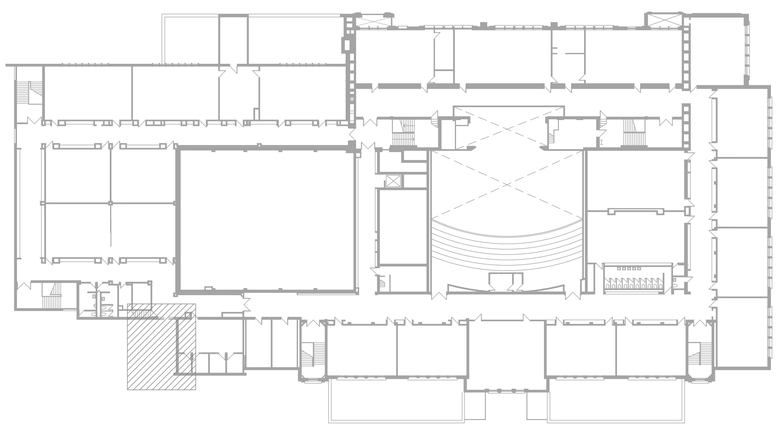
AREA OF WORK

4 M0-01 ROOF PLAN
1:400



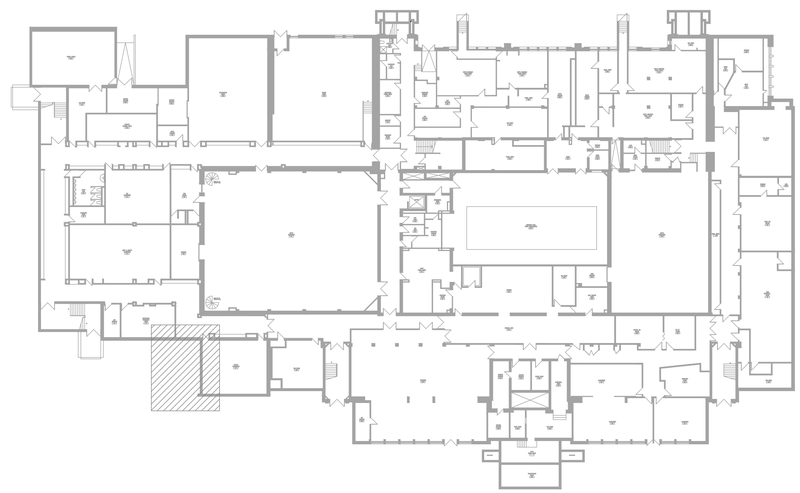
AREA OF WORK

2 M0-01 1ST FLOOR PLAN
1:400



AREA OF WORK

3 M0-01 2ND FLOOR PLAN
1:400



AREA OF WORK

1 M0-01 BASEMENT FLOOR PLAN
1:400

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Toronto District School Board

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25301-25

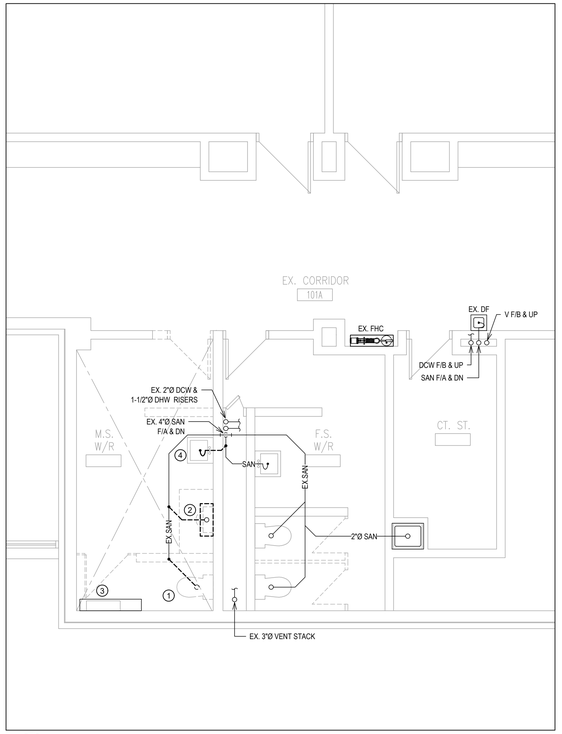
BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
MECHANICAL KEY PLANS

DESIGN BY: JC/AM	SEAL:
DRAWN BY: JC/AM	
CHECKED BY: CL	
DATE: 2026-04-29	
SCALE: 1 : 400	
PROJECT NO: 25301-25	DRAWING NO: M0-01

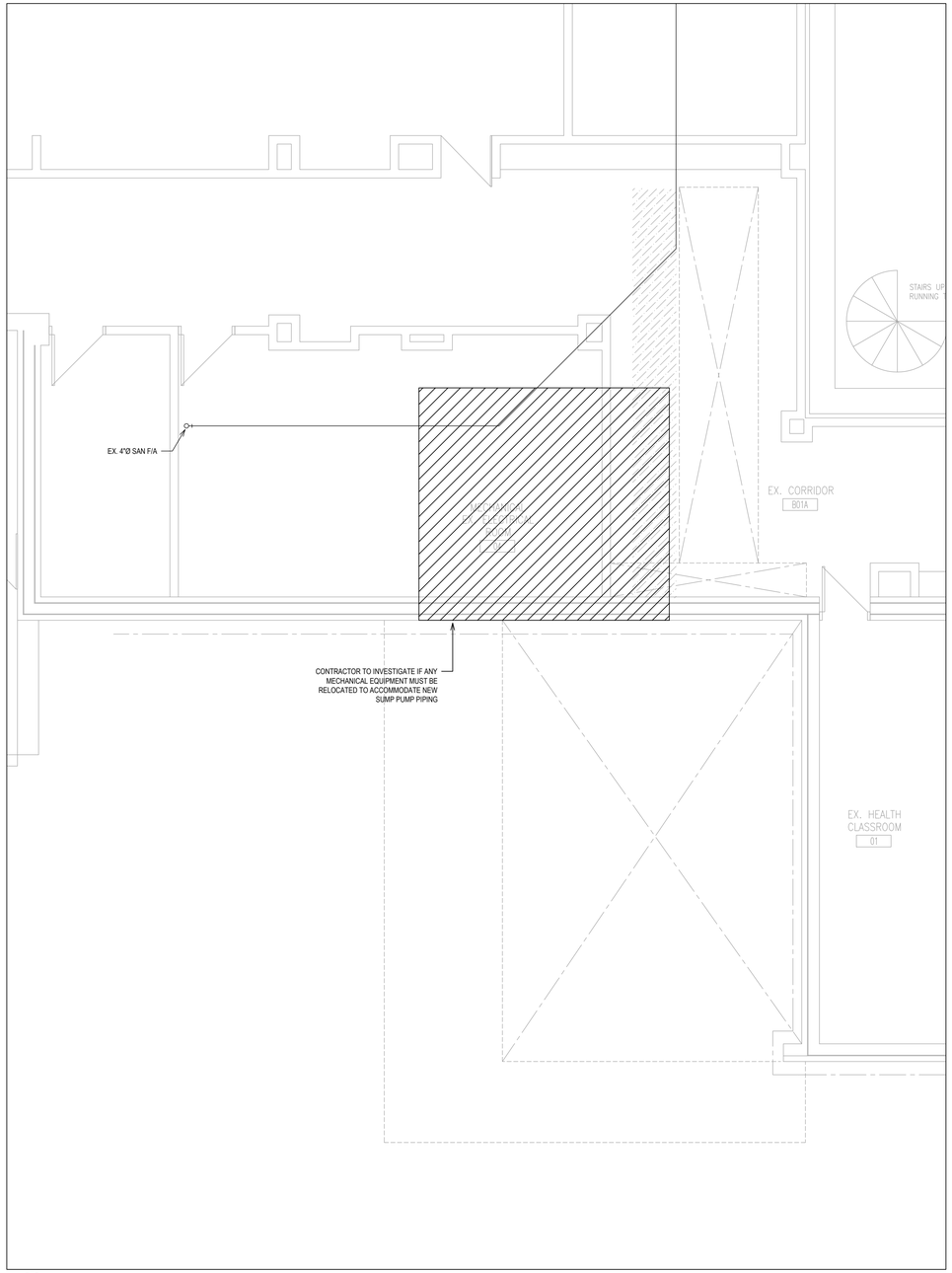
PLUMBING DEMOLITION KEYNOTES:	
KEYNOTE:	DESCRIPTION:
1	REMOVE EXISTING WATER CLOSET. REMOVE DRAIN, PATCH AND REPAIR FLOOR. CAP DOMESTIC COLD WATER AT WALL.
2	REMOVE EXISTING URINAL AND ASSOCIATED TANK. REMOVE DOMESTIC AND SANITARY CONNECTIONS BACK TO MAIN.
3	EXISTING RADIATOR TO REMAIN.
4	REMOVE EXISTING LAV AND ASSOCIATED P-TRAP. CAP DOMESTIC WATER AND SANITARY CONNECTIONS AT WALL.



2
M1-00

PART 1ST FLOOR DEMO. PLAN

1:50



1
M1-00

PART BASEMENT / GROUND FLOOR DEMO. PLAN

1:50

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209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
MECHANICAL DEMOLITION PLANS

DESIGN BY: JC/AM
DRAWN BY: JC/AM
CHECKED BY: CL
DATE: 2026-04-29
SCALE: 1 : 50
SEAL:

PROJECT NO: 25301-25
DRAWING NO: M1-00

PLUMBING & DRAINGE DEMOLITION AND CONSTRUCTION GENERAL NOTES:

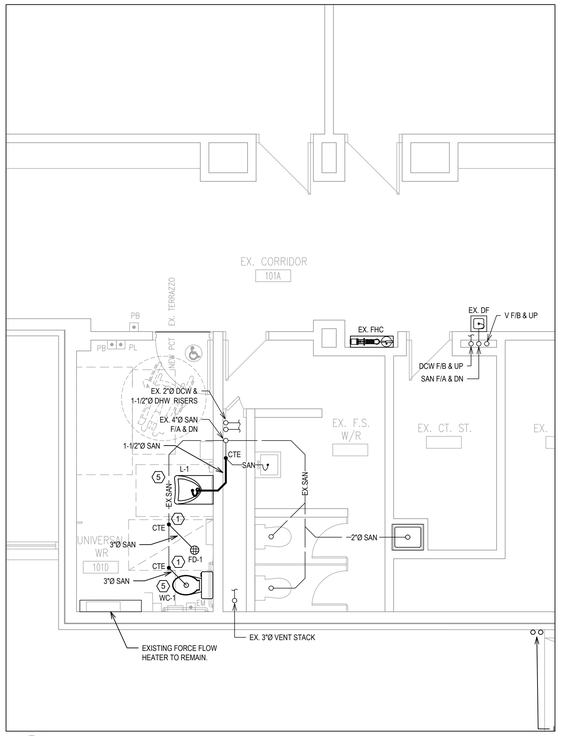
NOTE:	DESCRIPTION:
1.	ALL PIPE ROUTING IS SHOWN DIAGRAMMATICALLY. CONFIRM EXACT ROUTING AND CO-ORDINATE WITH EXISTING DUCTWORK, PIPING, EQUIPMENT OR STRUCTURE ON SITE. PROVIDE OFFSETS AS REQUIRED.
2.	CO-ORDINATE EXACT TIE-IN AND SHUT DOWN DATES WITH OWNER. PROVIDE A MINIMUM OF ONE WEEK WRITTEN NOTICE PRIOR TO ANY SERVICE INTERRUPTIONS OR SHUT DOWNS.
3.	ALL CUTTING, DRILLING, ETC. OF EXISTING FLOOR SLABS SHALL NOT BE DONE UNTIL FLOOR IS SCANNED. COORDINATE ALL WORK WITH LANDLORD.
4.	ALL EXISTING EQUIPMENT TO REMAIN SHALL BE INSPECTED AND TESTED FOR PROPER OPERATION.

HVAC DEMOLITION AND CONSTRUCTION GENERAL NOTES:

NOTE:	DESCRIPTION:
1.	DO NOT SCALE DRAWINGS. LOCATIONS OF ITEMS ARE APPROXIMATE AND ARE INTENDED TO BE USED FOR COORDINATION. EXACT LOCATIONS ARE DEPENDANT UPON SITE CONDITIONS. REVIEW ANY REVISIONS WITH CONSULTANT.
2.	ALL EXISTING EQUIPMENT TO REMAIN SHALL BE INSPECTED AND TESTED FOR PROPER OPERATION.
3.	ALL MECHANICAL EQUIPMENT IN OPEN CEILING TO BE PAINTED TO MATCH CEILING COLOUR.
4.	ALLOW FOR MINIMUM 2 ADDITIONAL SITE VISITS AFTER PROJECT COMPLETION FOR COMFORT ADJUSTMENT AIR BALANCING. AIR BALANCING TO BE DONE BY AABC OR NEBB CERTIFIED CONTRACTORS OR APPROVED BY OWNER.
5.	ALL PIPE ROUTING IS SHOWN DIAGRAMMATICALLY. CONFIRM EXACT ROUTING AND COORDINATE WITH EXISTING DUCTWORK, PIPING, EQUIPMENT OR STRUCTURE ON SITE. PROVIDE OFFSETS AS REQUIRED.
6.	PROVIDE VIBRATION ISOLATION TO ALL RELOCATED OR NEWLY INSTALLED EQUIPMENT.
7.	INSTALL ALL DIFFUSERS/GRILLES IN LINE WITH CEILING LIGHTS. COORDINATE INSTALLATION AND EXACT LOCATIONS WITH ARCHITECT. TYPICAL.

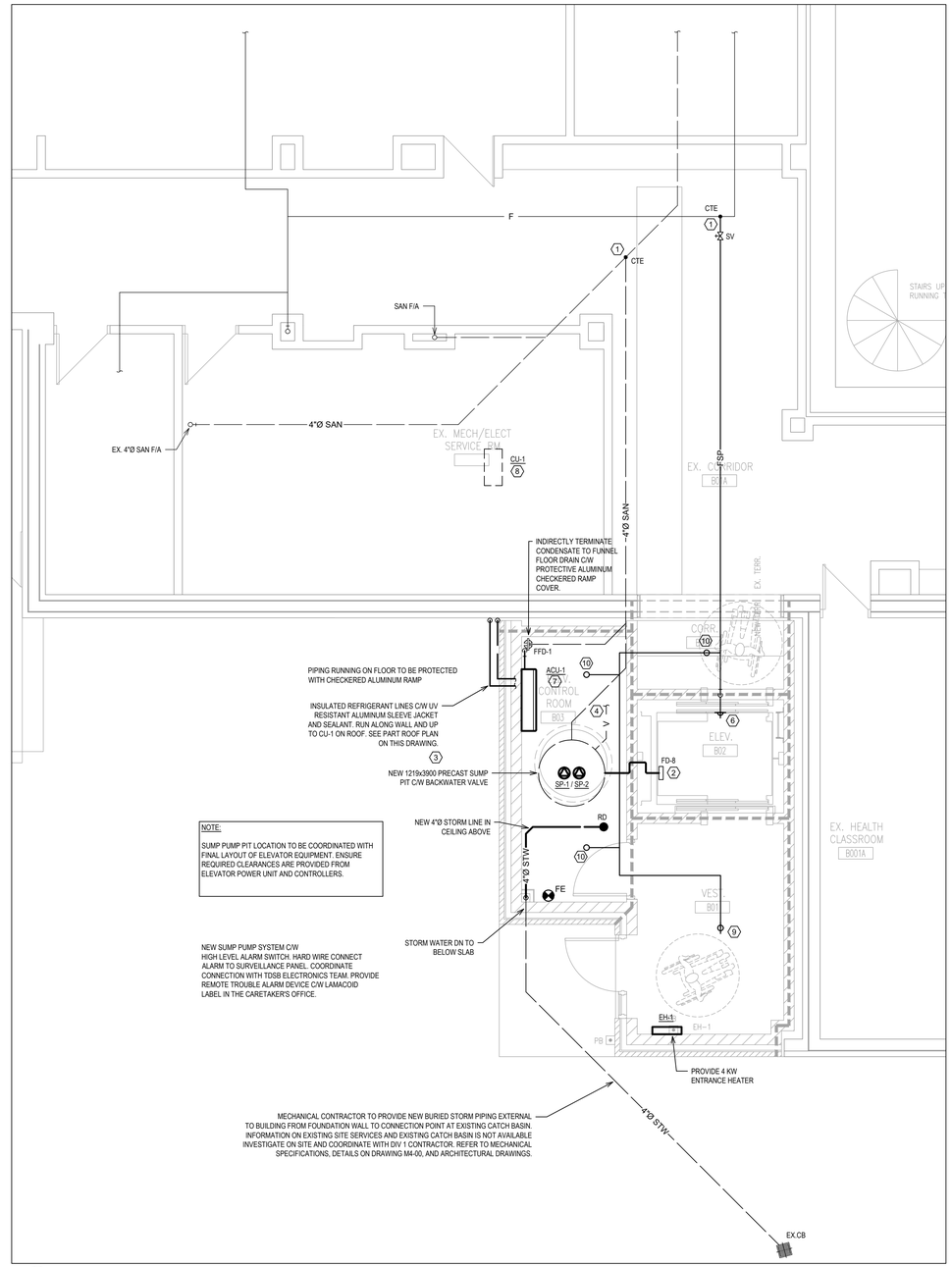
PLUMBING, FIRE PROTECTION & HVAC CONSTRUCTION KEYNOTES:

NOTE:	DESCRIPTION:
1	CONNECT TO EXISTING PIPEWORK AT APPROXIMATELY THIS LOCATION. CONFIRM EXACT LOCATION AND ROUTING ON SITE. MAKE ALLOWANCE OF 50' OF ADDITIONAL PIPING.
2	PROVIDE SCUPPER DRAIN TO SERVE ELEVATOR PIT.
3	REFER TO DETAIL '4' ON DRAWING M4-00 FOR SUMP PIT DETAILS
4	NEW 2" VENT THROUGH ROOF TO BE INSTALLED. CONFIRM EXACT LOCATION ON SITE PRIOR TO CONSTRUCTION TO MAINTAIN ALL REQUIRED DISTANCES FROM OUTDOOR AIR INTAKES.
5	PROVIDE PLUMBING CONNECTIONS TO ALL FIXTURES, VENT PER CODE AND VERIFY LOCATION OF EXISTING SERVICES AND ROUTING ON SITE. TYPICAL.
6	PROVIDE SIDEWALL SPRINKLER HEAD IN ELEVATOR HOISTWAY NO MORE THAN 2FT (600MM) ABOVE THE FLOOR OF THE PIT. CONNECT TO EXISTING STANDPIPE C/W ZONE VALVE AND SWITCHES TIED BACK TO THE FIRE ALARM SYSTEM. VERIFY EXACT ROUTING ON SITE. CONTRACTOR SHALL HIRE LOCAL SPRINKLER ENGINEER TO COMPLETE ALL REQUIRED DOCUMENTATION SUCH AS HYDRAULIC CALCULATIONS
7	PROVIDE NEW 1-TON WALL MOUNTED AC UNIT AS PER SCHEDULE ON M3-00. EXACT LOCATION FOR REFRIGERANT WALL PENETRATION TO BE CONFIRMED ON SITE.
8	PROVIDE NEW ROOFTOP CONDENSER UNIT ON ROOF ABOVE AS PER SCHEDULE. MOUNT 18" ABOVE ROOF LEVEL AND ENSURE 10 FEET FROM ANY FRESH AIR INTAKE. COORDINATE LOCATION WITH SCHOOL BOARD. OBTAIN SCHOOL BOARD'S APPROVAL BEFORE CONDUCTING ANY WORK INVOLVING THE ROOF.
9	PROVIDE NEW RECESSED SPRINKLER HEAD. COORDINATE EXACT LOCATION WITH ARCHITECTURAL RCP.
10	PROVIDE NEW UPRIGHT SPRINKLER HEAD. COORDINATE EXACT LOCATION WITH ARCHITECTURAL RCP.



2 M2-00 PART 1ST FLOOR PLAN

1:50



NOTE:

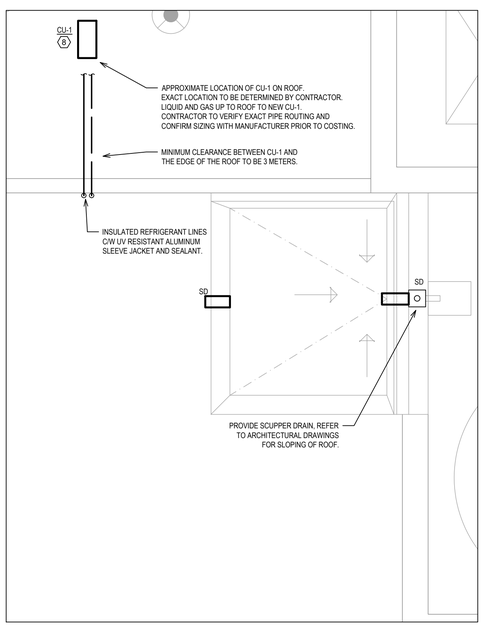
SUMP PUMP PIT LOCATION TO BE COORDINATED WITH FINAL LAYOUT OF ELEVATOR EQUIPMENT. ENSURE REQUIRED CLEARANCES ARE PROVIDED FROM ELEVATOR POWER UNIT AND CONTROLLERS.

NEW SUMP PUMP SYSTEM C/W HIGH LEVEL ALARM SWITCH. HARD WIRE CONNECT ALARM TO SURVEILLANCE PANEL. COORDINATE CONNECTION WITH TDSB ELECTRONICS TEAM. PROVIDE REMOTE TROUBLE ALARM DEVICE C/W LAMACOID LABEL IN THE CARETAKER'S OFFICE.

MECHANICAL CONTRACTOR TO PROVIDE NEW BURIED STORM PIPING EXTERNAL TO BUILDING FROM FOUNDATION WALL TO CONNECTION POINT AT EXISTING CATCH BASIN. INFORMATION ON EXISTING SITE SERVICES AND EXISTING CATCH BASIN IS NOT AVAILABLE. INVESTIGATE ON SITE AND COORDINATE WITH DIV 1 CONTRACTOR. REFER TO MECHANICAL SPECIFICATIONS, DETAILS ON DRAWING M4-00, AND ARCHITECTURAL DRAWINGS.

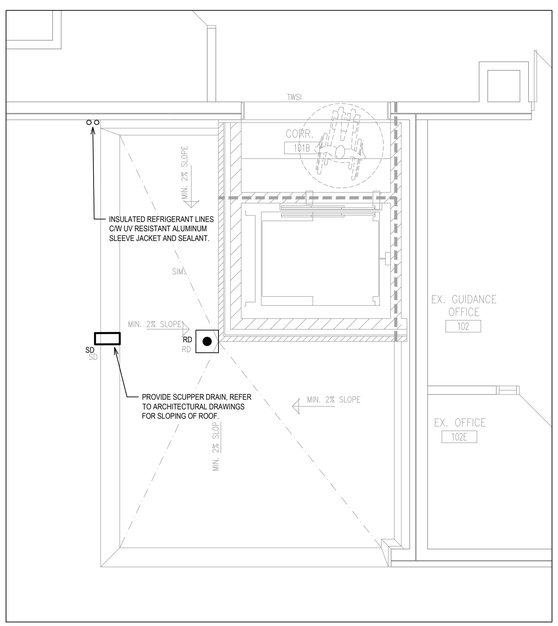
1 M2-00 PART BASEMENT / GROUND FLOOR PLAN

1:50



4 M2-00 PART ROOF PLAN

1:50



3 M2-00 PART ROOF PLAN

1:50

FIRE PROTECTION GENERAL NOTES:

NOTE:	DESCRIPTION:
1.	NEW SPRINKLER COVERAGE TO CONFORM TO LIGHT HAZARD OCCUPANCY.
2.	PROVIDE ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ACCOMMODATE BLIND SPOTS, OBSTRUCTIONS, ETC.
3.	ALL PIPE ROUTING IS SHOWN DIAGRAMMATICALLY. CONFIRM EXACT ROUTING AND CO-ORDINATE WITH EXISTING DUCTWORK, PIPING, EQUIPMENT OR STRUCTURE ON SITE. PROVIDE OFFSETS AS REQUIRED. PROVIDE SPRINKLER SHOP DRAWINGS FOR REVIEW PRIOR TO COMMENCING CONSTRUCTION
4.	CO-ORDINATE EXACT TIE-IN AND SHUT DOWN DATES WITH OWNER. PROVIDE A MINIMUM OF ONE WEEK WRITTEN NOTICE PRIOR TO ANY SERVICE INTERRUPTIONS OR SHUT DOWNS.
5.	REFER TO ARCHITECTURAL FOR PROJECT PHASING AND CONSTRUCTION SCHEDULE.
6.	MAINTAIN SERVICE TO OCCUPIED AREAS. PROVIDE ALL TEMPORARY CONNECTIONS, RELOCATIONS, AND TEMPORARY EQUIPMENT REQUIRED TO ACCOMMODATE PHASING SCHEDULE.

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TORONTO DISTRICT SCHOOL BOARD

DRAWING:
MECHANICAL PLANS

DESIGN BY: AM	SEAL:
DRAWN BY: AM	
CHECKED BY: CL	
DATE: 2026-04-29	
SCALE: 1 : 50	
PROJECT NO: 25301-25	DRAWING NO: M2-00

WALL MOUNTED HEAT PUMP UNIT SCHEDULE

REFERENCE	LOCATION	SERVING	SUPPLY AIR (CFM)	E.S.P. (Pa)	COOLING		HEATING		MANUFACTURER	MODEL	MCA AMPS	MAX. BRK. SIZE	POWER SUPPLY					STARTER			CONTROLS			OTHER REQUIREMENTS			REMARKS:	NOTES:
					TOTAL (MBH)	SENS (MBH)	TOTAL (MBH)	SENS (MBH)					VOLTS	PHASE	FED FROM	EM.	NORM	SUPPLIED BY:	INSTALLED BY:	TYPE	MANUAL	AUTO.	INTERLOCK BY:	DISC. AT MOTOR	W.P. DISC. AT MOTOR	F.A. SHUT DOWN		
ACU-1	ELEVATOR ROOM	ELEVATOR ROOM	435	-	10.6	-	13.4	-	DAIKIN	FTX12WMVJU9	12.2	15	208	1	SEE PLANS	-	Y	DIV. 23	DIV. 23	PKG	-	Y	DIV. 23	Y	N	-	HEATING & COOLING. C/W THERMOSTAT & CONDENSATE PUMP	

AIR COOLED CONDENSER SCHEDULE

REFERENCE	DESCRIPTION	LOCATION	SERVING	WEIGHT (LBS)	CAPACITY (MBH)	REFRIGERANT	AMBIENT TEMP. (°F)	MANUFACTURER	MODEL	MCA	MAX. BRK. SIZE	POWER SUPPLY					STARTER			CONTROLS			OTHER REQUIREMENTS			REMARKS:	NOTES:
												VOLTS	PHASE	FED FROM	EM.	NORM.	SUPPLIED BY:	INSTALLED BY:	TYPE	MANUAL	AUTO.	INTERLOCK BY:	DISC. AT MOTOR	W.P. DISC. AT MOTOR	F.A. SHUT DOWN		
CU-1	AIR COOLED CONDENSER	OUTSIDE ELEVATOR ROOM	ACU-1	73	13	R410A	95	DAIKIN	RXL12WMVJU9	12.2	15	208	1	SEE PLANS	N	Y	DIV 23	DIV 23	PKG	N	Y	DIV 23	N	Y	N	PROVIDE CORROSION PROTECTION COATING ON CONDENSER COIL	

PUMP SCHEDULE

REF.	SERVICE	MANUFACTURER	MODEL	LOCATION	CAPACITY (GPM)	PRESSURE (HEAD/FT)	WEIGHT (LBS)	ELECTRICAL				REMARKS
								V/Ph/Hz	R.P.M	HP	kW	
SP-1/ SP-2	ELEVATOR SUMP PIT	BARNES	2SEV-1094L	SUMP PIT	50	30	90	208/3/60	3450	1.0	-	DUPLEX SUMP PUMPS C/W DUPLEX ALTERNATING CONTROL PANEL, HIGH WATER ALARM & FOUR LIQUID LEVEL CONTROL SWITCHES. C/W CONTROL PANEL W/4 LEVEL FLOAT SWITCH W/ ADDITIONAL RELAY TO ALTERNATE PUMPS FOR EQUAL WEAR; C/W 1200 DIAMETER X 2400 DEEP SUMP PRE-PACKAGED BASIN SYSTEM, REFER TO SPECIFICATIONS.

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	C.W.	H.W.	DRAIN	VENT	REMARKS
L-1	LAVATORY	AMERICAN STANDARD	MURRO UNIVERSAL DESIGN 0954004EC.020	12.7	12.7	38	32	394x540x127 SINGLE BOWL, C/W #0059.202EC SHROUD/KNEE CONTACT GUARD, CHICAGO MANUAL FAUCET 895-317GN2AE35ABCP, LAWLER MODEL #570-86820 MIXING VALVE, MCGUIRE MODEL #155A OPEN GRID DRAIN, MCGUIRE #LFH1708VRB FAUCET SUPPLY KIT, #8872C P-TRAP AND WATTS MODEL #WCA-411-CA-481 BASIN CARRIER.
WC-1	WATER CLOSET	AMERICAN STANDARD	#215AA174.020	12.7	N/A	75	N/A	C/W CENTOCO MODEL #820STSFE-001 TOILET SEAT, TANK TYPE TOILET, AND FRANKE COMMERCIAL BACKREST #CM-16104-WM.
FFD-1	FUNNEL FLOOR DRAIN	SMITH SERIES	2320-3591	N/A	N/A	75	50	ALL DUCO COATED CAST IRON BODY, SEEPAGE FLANGE, ADJUSTABLE COLLAR, CLAMPING SERVICE AND 8-$\frac{1}{2}$" (216MM) WITH 4"x9" (101.6MM x 228.6MM) OVAL FUNNEL.
FD-1	FLOOR DRAIN	WATTS	FD-200-B	N/A	N/A	75	50	ON-GRADE EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF HEAVY DUTY, AND NO HUB (STANDARD) OUTLET.
FD-8	ELEVATOR PIT DRAIN	SMITH SERIES	1510/305G	N/A	N/A	75	50	ALL DUCO COATED CAST IRON BODY, ANGLED DRAINAGE GATE, FLASHING CLAMP AND 45 DEGREE OR 90 DEGREE OUTLETS; C/W SERIES 7012MEXT BACKWATER VALVE WITH EXTENSION.

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Toronto District School Board

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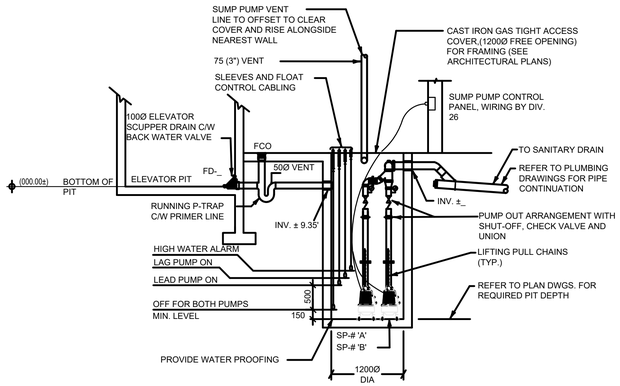
25301-25

BARRY BRYAN ASSOCIATES

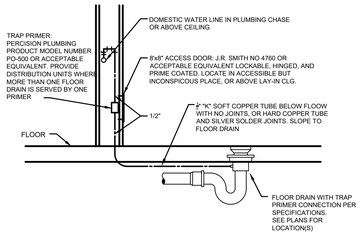
PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
MECHANICAL SCHEDULES

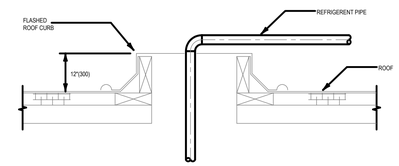
DESIGN BY: JC/AM
DRAWN BY: JC/AM
CHECKED BY: CL
DATE: 2026-04-29
SCALE: N.T.S
SEAL:
PROJECT NO: 25301-25
DRAWING NO: M3-00



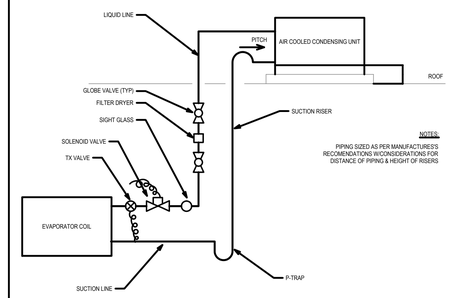
4 ELEVATOR PIT DRAINAGE PUMP DETAIL
SCALE: N.T.S



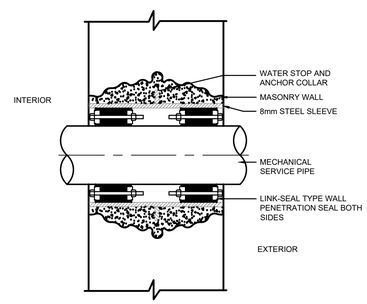
3 TRAP PRIMER DETAIL
SCALE: N.T.S



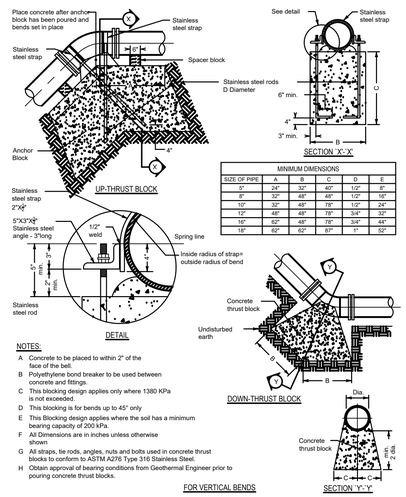
2 ROOF PENETRATION DETAIL
SCALE: N.T.S



1 TYPICAL SPLIT A/C UNIT WITH ROOF-MONTED CONDENSER
SCALE: N.T.S



8 TYPICAL PENETRATION THROUGH FOUNDATION WALL
SCALE: N.T.S



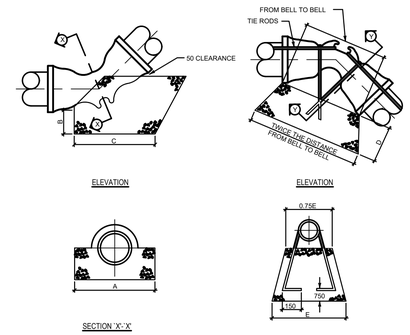
MINIMUM DIMENSIONS					
SIZE OF PIPE	A	B	C	D	E
6"	24"	32"	40"	1/2"	8"
8"	32"	48"	48"	1/2"	16"
10"	32"	48"	78"	1/2"	24"
12"	48"	48"	78"	3/4"	32"
18"	62"	48"	78"	3/4"	44"
18"	62"	62"	87"	1"	52"

NOTES:

A Concrete to be placed to within 2" of the face of the bell.
B Polyethylene bond breaker to be used between concrete and fittings.
C This blocking design applies only where 1380 KPa is not exceeded.
D This blocking is for bends up to 45° only
E This Blocking design applies where the soil has a minimum bearing capacity of 200 kPa.
F All Dimensions are in inches unless otherwise shown
G All straps, tie rods, angles, nuts and bolts used in concrete thrust blocks to conform to ASTM A276 Type 316 Stainless Steel.
H Obtain approval of bearing conditions from Geothermal Engineer prior to pouring concrete thrust blocks.

FOR VERTICAL BENDS

7 CONCRETE THRUST BLOCKS (VERTICAL)
SCALE: N.T.S



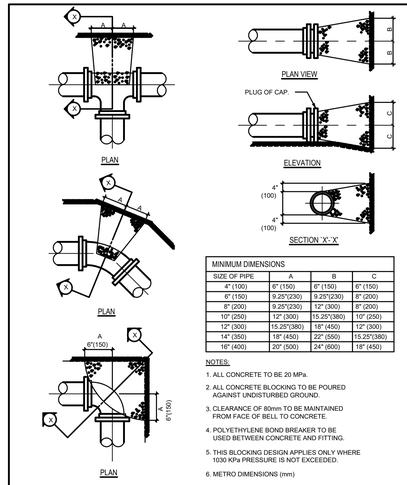
MINIMUM DIMENSION WATER PRESSURE UP TO 1030 KPa					
SIZE OF BENDS	A	B	C	D	E
150	675	225	675	900	675
200	750	350	900	900	750
250	900	450	1125	1125	825
300	1125	575	1350	1125	900
400	1350	750	1575	1350	1125

NOTES:

1) ALL STEEL RODS GRADE 350 DEFORMED
2) ALL CONCRETE 20 MPa
3) DIMENSIONS SHOWN ARE BASED ON WATER PRESS. OF 1035 KPa.

FOR VERTICAL BENDS

6 CONCRETE THRUST BLOCKS (VERTICAL)
SCALE: N.T.S



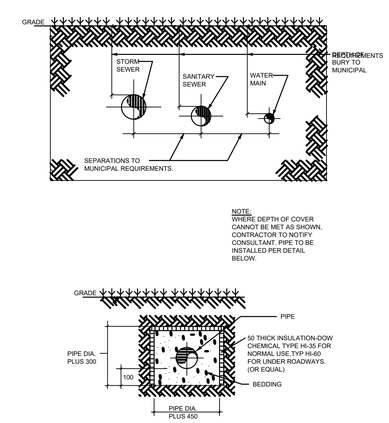
MINIMUM DIMENSIONS			
SIZE OF PIPE	A	B	C
4" (100)	6" (150)	6" (150)	6" (150)
6" (150)	9.25"(230)	9.25"(230)	8" (200)
8" (200)	9.25"(230)	12" (300)	8" (200)
10" (250)	12" (300)	15.25"(380)	10" (250)
12" (300)	15.25"(380)	18" (450)	12" (300)
14" (350)	18" (450)	22" (550)	15.25"(380)
16" (400)	20" (500)	24" (600)	18" (450)

NOTES:

1. ALL CONCRETE TO BE 20 MPa.
2. ALL CONCRETE BLOCKING TO BE POURED AGAINST UNDISTURBED GROUND.
3. CLEARANCE OF 80mm TO BE MAINTAINED FROM FACE OF BELL TO CONCRETE.
4. POLYETHYLENE BOND BREAKER TO BE USED BETWEEN CONCRETE AND FITTING.
5. THIS BLOCKING DESIGN APPLIES ONLY WHERE 1030 KPa PRESSURE IS NOT EXCEEDED.
6. METRO DIMENSIONS (mm)

FOR HORIZONTAL BENDS, TEES & DEAD END MAIN.

5 CONCRETE THRUST BLOCKS (HORIZONTAL)
SCALE: N.T.S



9 BUILDING SERVICES BURY DETAIL
SCALE: N.T.S

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MECHANICAL DETAILS

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CHECKED BY: CL
DATE: 2026-04-29
SCALE: N.T.S
SEAL:
PROJECT NO: 25301-25
DRAWING NO: M4-00

ELECTRICAL SYMBOL LEGEND

NOTE:

SYMBOLS SHOWN ON THIS LEGEND ARE NOT NECESSARILY USED ON THIS PROJECT.

LIGHTING

- RECESSED 2'X4'LIGHTING FIXTURES
- DOUBLE SURFACE MOUNTED EMERGENCY LIGHTING - REMOTE HEADS
- CEILING MOUNTED EMERGENCY LIGHTING REMOTE HEAD
- BB# — EMERGENCY LIGHTING BATTERY UNIT C/W DUPLEX RECEPTACLE AND DOUBLE REMOTE HEADS. EXIT LIGHTING: SHADED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN. DIRECTIONAL ARROWS AS INDICATED.
- WALL MOUNTED DOUBLE FACED EXIT LIGHT
- WALL MOUNTED SINGLE FACED EXIT LIGHT
- CEILING MOUNTED DOUBLE FACED EXIT LIGHT
- CEILING MOUNTED SINGLE FACED EXIT LIGHT

COMMUNICATIONS

- TV — TELEVISION OUTLET - WALL MOUNTED
- TV — TELEVISION OUTLET - FLUSH CEILING MOUNTED
- DATA OUTLET - WALL MOUNTED OR MOUNTED ABOVE COUNTER
- DATA OUTLET - FLUSH CEILING MOUNTED
- DATA OUTLET - FLUSH FLOOR MOUNTED
- PA — PUBLIC ADDRESS SPEAKER REFER TO SCHOOL BOARD STANDARD SPECIFICATION
- DG — DOUBLE GANGED AV OUTLET C/W PLASTER RING

FIRE ALARM SYSTEM

- PULL STATION
- FLUSH / SURFACE MOUNTED HORN
- STROBE - CEILING / WALL MOUNTED
- SMOKE DETECTOR - WALL OR CEILING MOUNTED
- AUTOMATIC COMBINATION FIXED TEMPERATURE/RATE OF RISE HEAT DETECTOR - CEILING / WALL MOUNTED
- DH — DOOR HOLDER

SECURITY SYSTEM

- CR — ACCESS CONTROL CARD READER
- DC — ACCESS CONTROL DOOR CONTACT
- ES — ACCESS CONTROL ELECTRIC STRIKE
- C — VIDEO SURVEILLANCE CAMERA
- PB — CODE BLUE PUSHBUTTON

EQUIPMENT CONNECTIONS & CONTROLS

- DIRECT CONNECTION - 120 OR 208V C/W UNFUSED DISCONNECT SWITCH AS SPECIFIED
- DIRECT CONNECTION - 347 OR 600V C/W UNFUSED DISCONNECT SWITCH AS SPECIFIED
- MOTOR CONNECTION AS SPECIFIED
- MOTOR CONNECTION C/W UNFUSED DISCONNECT SWITCH
- MOTOR CONNECTION C/W FUSED DISCONNECT SWITCH
- MOTOR CONNECTION C/W LOOSE STARTER
- UNFUSED DISCONNECT SWITCH
- DOOR OPERATOR
- WTO — WAVE TO OPEN
- WTL — WAVE TO LOCK
- DIRECT CONNECTION - 120 OR 208V AS SPECIFIED
- DIRECT CONNECTION - 374 OR 600V AS SPECIFIED
- RECESS MOUNTED ELECTRICAL PANEL
- SURFACE MOUNTED ELECTRICAL PANEL

GENERAL POWER

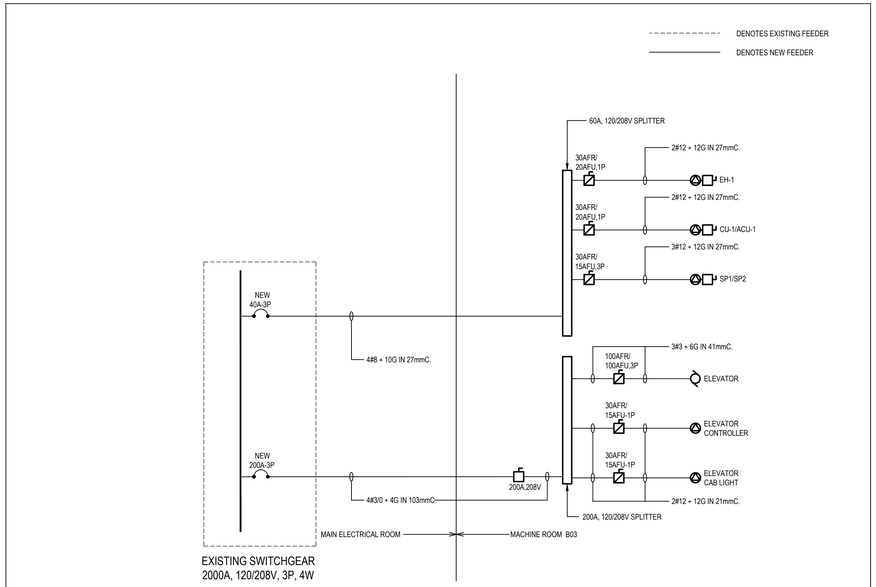
- 15A, U-GROUND DUPLEX RECEPTACLE
- (5-20RA) T-SLOT U-GROUND DUPLEX RECEPTACLE
- 15A, U-GROUND SPLIT WIRED DUPLEX RECEPTACLE - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER
- 15A, U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER
- (5-20RA) T-SLOT U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER

LIGHTING CONTROL

- $ $ $ — ONE, TWO, THREE AND FOUR GANG SINGLE POLE TOGGLE SWITCHES
- OCCUPANCY SENSOR SWITCH
- F $ — FAN CONTROL SWITCH
- FV $ — VARIABLE SPEED FAN CONTROL SWITCH
- T $ — MANUAL TIMER SWITCH
- D — DIMMER SWITCH
- TC — PROGRAMMABLE TIME CLOCK
- OS — CEILING MOUNTED OCCUPANCY SENSOR

MISCELLANEOUS

E	INDICATES EXISTING DEVICE TO REMAIN
RL	INDICATES EXISTING DEVICE IN RELOCATED POSITION
BK	INDICATES BLACK COVER PLATE
1	ELECTRICAL DRAWING KEY NOTES
R/R	REMOVE & RE-INSTALL



2 / E0-01 POWER DISTRIBUTION SINGLE LINE DIAGRAM

SCALE: N.T.S.

GENERAL NOTES:

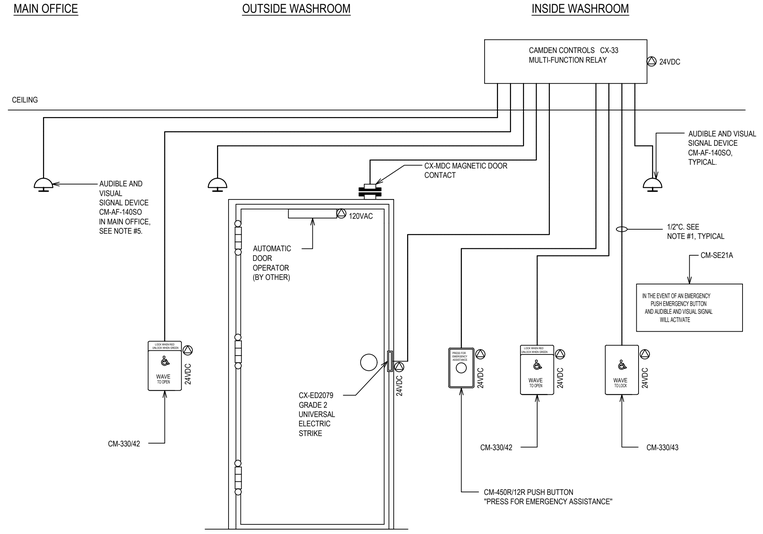
NOTE:	DESCRIPTION:
1.	THE ELECTRICAL DRAWINGS ARE GENERALLY DIAGRAMMATIC. THE ELECTRICAL INSTALLATION SHALL BE COORDINATED WITH OTHER TRADES SO THAT INTERFERENCES BETWEEN THE ELECTRICAL INSTALLATION AND ARCHITECTURAL, STRUCTURE, MECHANICAL, PLUMBING, FIRE PROTECTION AND EQUIPMENT INSTALLATION WILL BE AVOIDED.
2.	REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ROOM AND AREA FINISHES, CEILING PLANS, DOOR SWINGS, FIRE RELATED PARTITIONS, CABINET AND CASE WORK AND BUILT-IN DETAILS.
3.	ALL THE FINAL CONNECTIONS SHOWN ON THE DRAWINGS ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THEIR APPROXIMATE LOCATION. CO-ORDINATE WITH MECHANICAL AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
4.	ELECTRICAL SYSTEM EQUIPMENTS AND COMPONENTS SHALL BE CERTIFIED BY A RECOGNIZED TESTING AGENCY PER THE SCC.
5.	ALL WIRING TO BE SIZE #12 AWG UNLESS NOTED OTHERWISE.
6.	CIRCUIT NUMBERS SHOWN ARE GROUPING ONLY. REFER ON JOB-SITE FOR EXACT CIRCUIT USED.

DRAWING LIST:

DRAWING:	DESCRIPTION:	SCALE:
E0-01	ELECTRICAL LEGEND, GENERAL NOTES AND DRAWING LIST	N.T.S.
E0-02	ELECTRICAL KEY PLANS	1:250
E1-01	ELECTRICAL DEMOLITION PLANS	1:50
E2-01	ELECTRICAL PLANS	1:50
E2-02	ELECTRICAL DOOR HOLDER PLANS	1:50

LIGHTING FIXTURE SCHEDULE

SYMBOLS	BASE MANUFACTURER (AS SPECIFIED)	MODEL NO.	CEILING TYPE: SURFACE	CEILING TYPE: RECESSED	CEILING TYPE: SUSPENDED	WALL TYPE: SURFACE	WALL TYPE: RECESSED	WALL TYPE: BRACKET	No. OF LAMPS	WATTAGE	BALLAST VOLTAGE: 120 V.	BALLAST VOLTAGE: 347 V.	BALLAST VOLTAGE: 24 VDC.	REMARKS
L1	PEERLESS	RECESSED 2'x4' LED LIGHT FIXTURE CAT.# LATCH-3-24/G-40-40-12-OC-MV		●						30W LED	●			CONTACT: RICK ARDENTE CELL: 905.706.9789 rardente@omnilumen.com
L2	COLUMBIA LIGHTING	MULTIPURPOSE LINEAR LED CAT# MPS8-40MW-CW-ED-U C/W WIRE GUARD	●							44.7W LED	●			
L3	PEERLESS	WALL MOUNTED WEATHER PROOF LED LIGHT CAT. # AP2W-4-42-40-LT-S-W-MV				●				37W LED	●			
L4	PRECOLITE	RECESSED DOWNLIGHTING CAT#LFCR-6D-MN-25-40K-9-WD-DM1 / LFCR-6RD-T-WD-S-WT		●						21.8W LED	●			
	EMERGI-LITE	GREEN RUNNING MAN EMERGENCY EXIT SIGN CAT# EA-X-A-U C/W ACCESSORIES (X DENOTES FOR FACES/ARROWS AS INDICATED ON DRAWING)	●			●				6W LED	●	●	●	



NOTES:

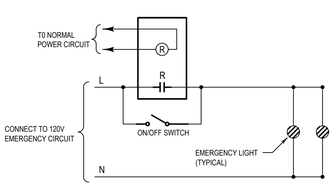
1. THIS ELECTRICAL CONTRACTOR TO PROVIDE ALL EMPTY CONDUIT AND BACKBOXES SYSTEM AS REQUIRED FOR A COMPLETE AND FUNCTION SYSTEM. WIRING SHALL BE RUN IN CONDUIT AS PER MANUFACTURER'S RECOMMENDATION.
2. COORDINATE WITH DOOR HARDWARE SUPPLIER FOR INSTALLATION OF ALL DEVICES.
3. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL DEVICES AND PLATES WITH ARCHITECTURAL DRAWINGS AND LOCAL INSPECTOR PRIOR TO ROUGH-IN.
4. LETTERS FOR SIGNAGE SHALL BE AT LEAST 25mm HIGH WITH A 5mm STROKE WITH SIGN POSTED ABOVE THE EMERGENCY BUTTON.
5. PROVIDE AND INSTALL PERMANENT SIGNAGE IDENTIFYING "UNIVERSAL BARRIER-FREE WASHROOM". CONFIRM EXACT MOUNTING LOCATION AND VISIBILITY REQUIREMENTS WITH THE PRINCIPAL PRIOR TO INSTALLATION

THE DOOR TO THE UNIVERSAL WASHROOM SHALL OPERATE AS FOLLOWS:

1. THE DOOR IS NORMALLY CLOSED AND UNLOCKED.
2. PRESSING THE EXTERIOR ``PUSH TO OPEN" AURA PUSH PLATE TO OPEN THE DOOR.
3. ONCE INSIDE AND DOOR IS CLOSED, PRESSING THE ILLUMINATED ``PUSH TO LOCK" AURA PUSH PLATE, CHANGES THE COLOUR TO RED AND LOCK THE DOOR.
4. PRESS THE INTERIOR ``PUSH TO UNLOCK" AURA PUSH PLATE TO UNLOCK THE DOOR TO EXIT.
5. THE ``PUSH TO LOCK" AURA PUSH PLATE SWITCH ILLUMINATED RING TURNS GREEN AND THE EXTERIOR ``PUSH TO OPEN" AURA PUSH PLATE OUTER RING TURNS GREEN.
6. IF THE DOOR IS OPENED MANUALLY TO EXIT THE UNIVERSAL WASHROOM, THE OVERHEAD MAGNETIC CONTACT SWITCH RESETS THE SYSTEM.
7. UPON ACTIVATION OF THE EMERGENCY CALL BUTTON, THE LED ANNUNCIATOR AND SOUNDER WITHIN THE WASHROOM AND THE AUDIBLE AND VISUAL ALARMS ARE ACTIVATED AND THE DOOR IS DE-ENERGIZED AND UNLOCKED.
8. EMERGENCY ACCESS, THE DOOR CAN ALSO BE OPENED FROM OUTSIDE BY A MASTER KEY.

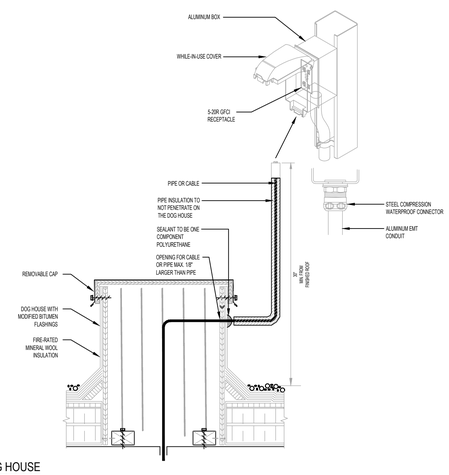
1 / E0-01 UNIVERSAL WASHROOM EMERGENCY CALL SYSTEM

SCALE: N.T.S.



3 / E0-01 OVERRIDE WIRING DIAGRAM FOR EMERGENCY SWITCHING

SCALE: N.T.S.



4 / E1-02 DETAIL OF DOG HOUSE

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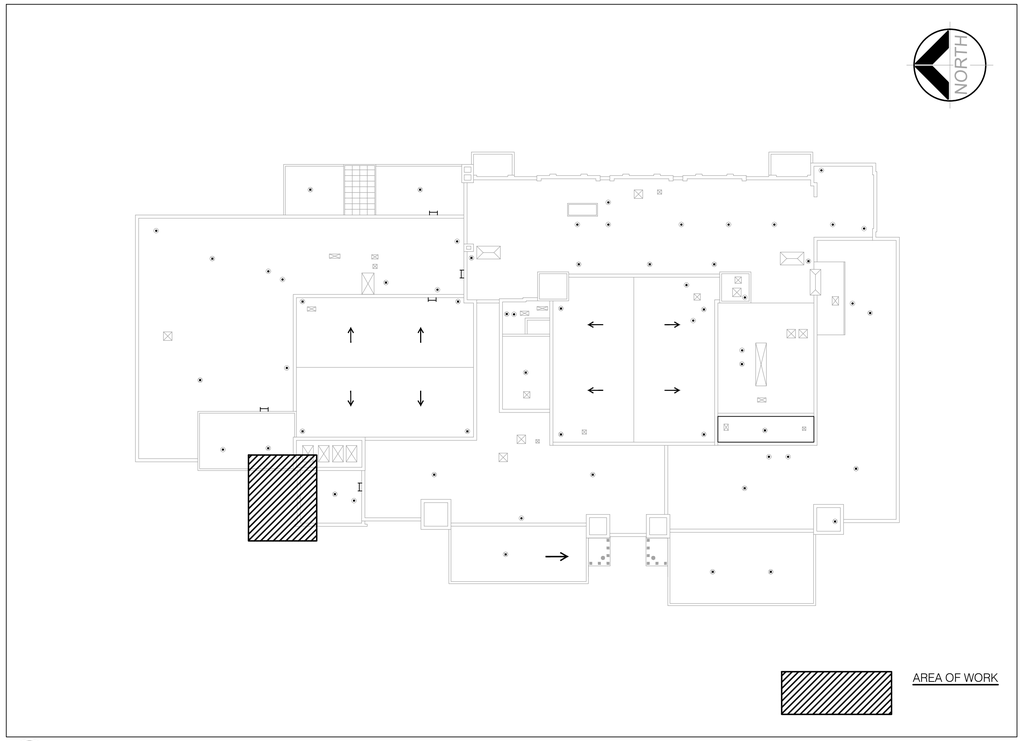
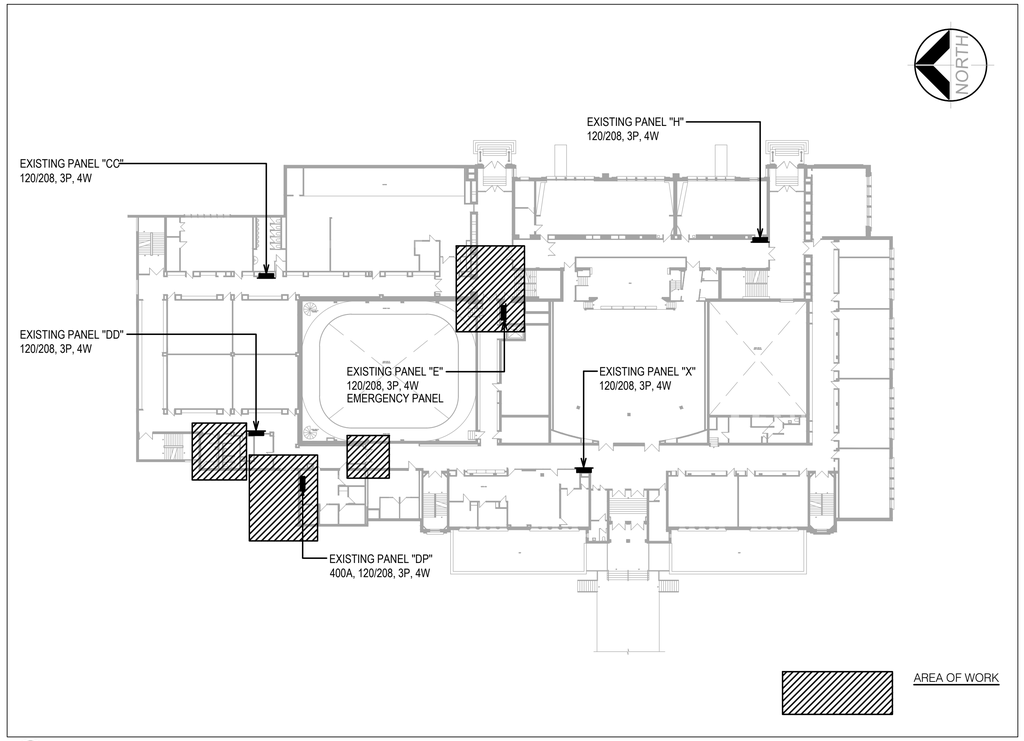
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
ELECTRICAL LEGEND, GENERAL NOTES AND DRAWING LIST

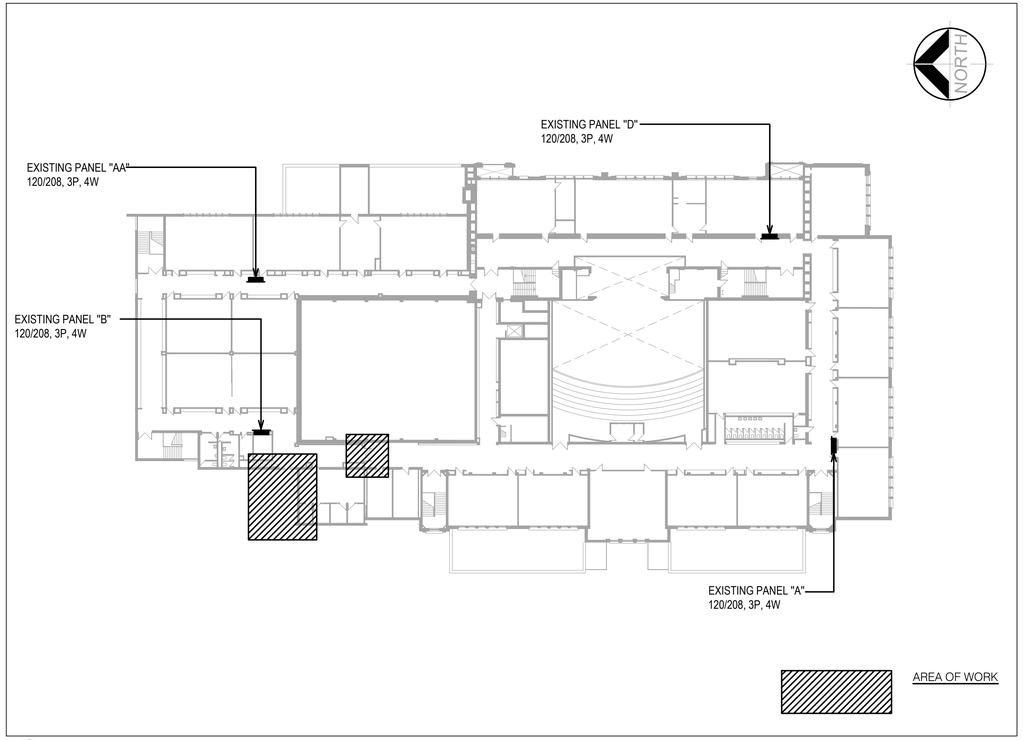
DESIGN BY: DT	SEAL:
DRAWN BY: RL	
CHECKED BY: DT	
DATE: 2026-01-22	
SCALE: N.T.S	
PROJECT NO: 25301-25	DRAWING NO: E0-01



4 / E0-02 ROOF PLAN
1:400



2 / E0-02 1ST FLOOR PLAN
1:400



3 / E0-02 2ND FLOOR PLAN
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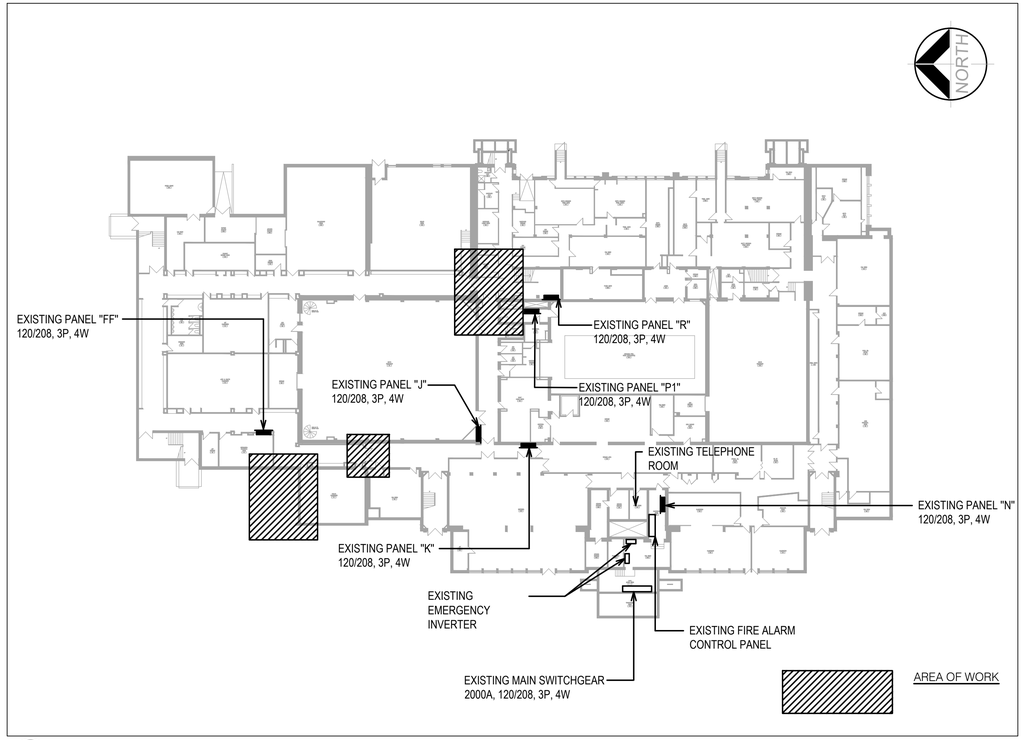

1 / E0-02 BASEMENT FLOOR PLAN
1:400

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25301-25

BBA
BARRY BRYAN ASSOCIATES

PROJECT:
PARKDALE COLLEGIATE INSTITUTE
ACCESSIBILITY UPGRADE
TDSB# TR-25-0958
209 JAMESON AVENUE
TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
ELECTRICAL KEY PLANS

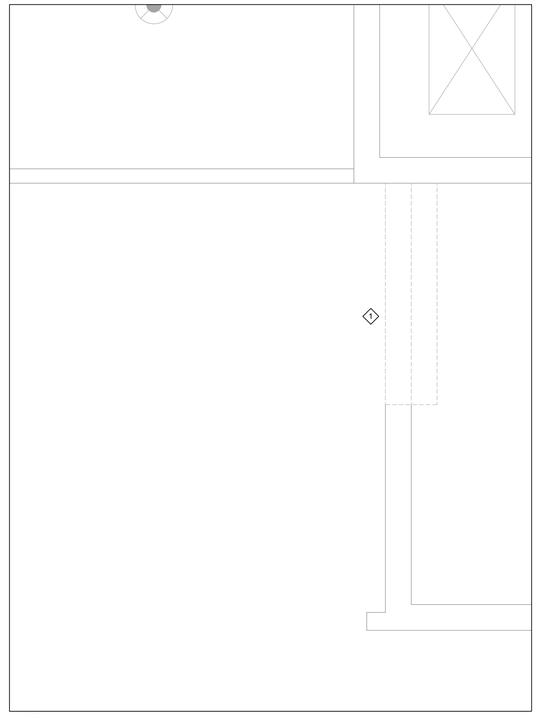
DESIGN BY: DT	SEAL:
DRAWN BY: DT	
CHECKED BY: RL	
DATE: 2026-01-22	
SCALE: 1 : 400	
PROJECT NO: 25301-25	DRAWING NO: E0-02

ELECTRICAL DEMOLITION KEY NOTES:

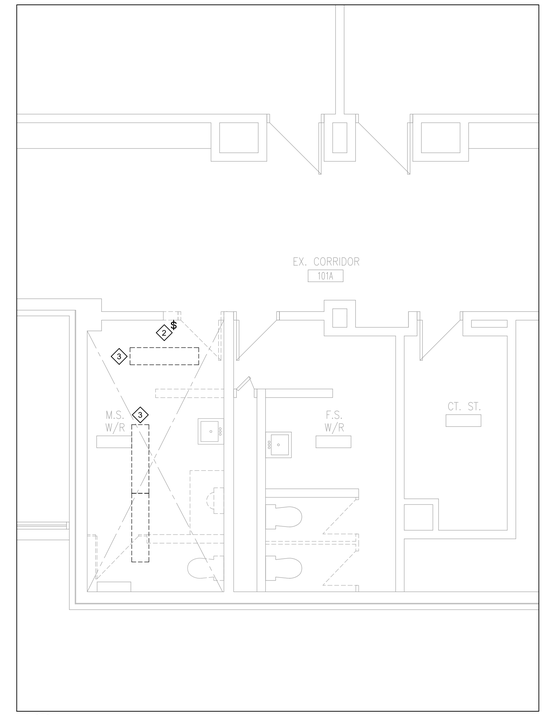
KEYNOTE:	DESCRIPTION:
1	CONTRACTOR SHALL INVESTIGATE AND VERIFY ALL EXISTING ELECTRICAL CONDUITS, WIRING, AND RELATED SERVICES WITHIN WALLS AND FLOORS AFFECTED BY THE NEW ELEVATOR INSTALLATION. X-RAY AS REQUIRED PRIOR TO SAW-CUTTING OR CORING TO IDENTIFY EMBEDDED ELECTRICAL SERVICES. ANY ELECTRICAL SERVICES THAT CONFLICT WITH THE NEW ELEVATOR SHAFT, PIT, OR STRUCTURAL OPENINGS SHALL BE SAFELY DISCONNECTED, REMOVED, AND/OR RELOCATED AS REQUIRED. ENSURE CONTINUITY OF ALL EXISTING CIRCUITS SERVING AREAS TO REMAIN AND COORDINATE WITH ALL TRADES PRIOR TO CUTTING OR DEMOLITION.
2	EXISTING LIGHTING CONTROL TO BE DISCONNECTED AND REMOVED. PATCH THE BRICK WALL AS REQUIRED.
3	EXISTING LIGHTING FIXTURE TO BE DISCONNECTED, REMOVED AND DISPOSED THE FIXTURE OFF SITE. REMOVE ALL EXISTING FIXTURE SUPPORTS TO THE STRUCTURE AND WIRING TO THE NEAREST JUNCTION BOX SERVING THE LIGHTING CIRCUIT IN THE THIS ROOM.

IMPORTANT NOTE

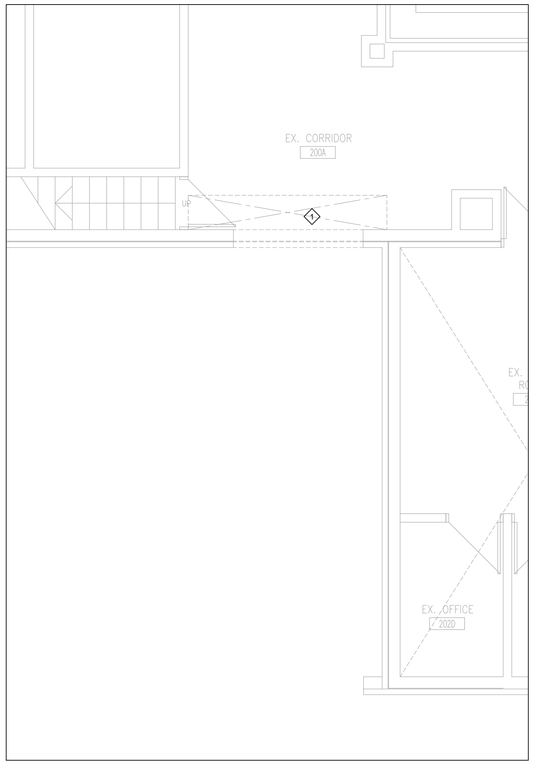
ALL EXISTING POWER OUTLETS, COMMUNICATION OUTLETS, AND OTHER DEVICES INDICATED FOR DEMOLITION ON BLOCK WALL SHALL BE COMPLETELY REMOVED, INCLUDING DEVICE, COVER PLATE, BACK BOX, AND ASSOCIATED CONDUIT AND WIRING TO THE NEAREST ACTIVE JUNCTION BOX OR SOURCE. COMPLETELY PATCH AND RESTORE WALL SURFACE TO MATCH EXISTING ADJACENT FINISH. INSTALLATION OF BLANK COVER PLATES IS NOT PERMITTED.



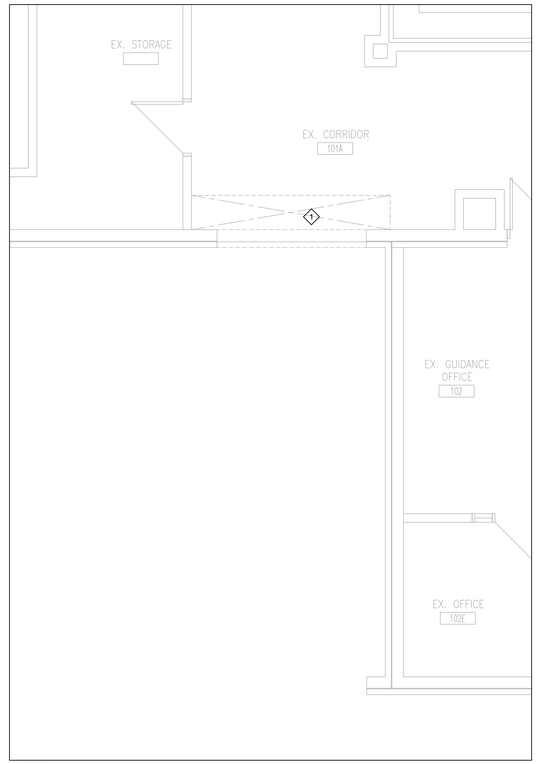
5 / E1-01 PART ROOF DEMO. PLAN
1:50



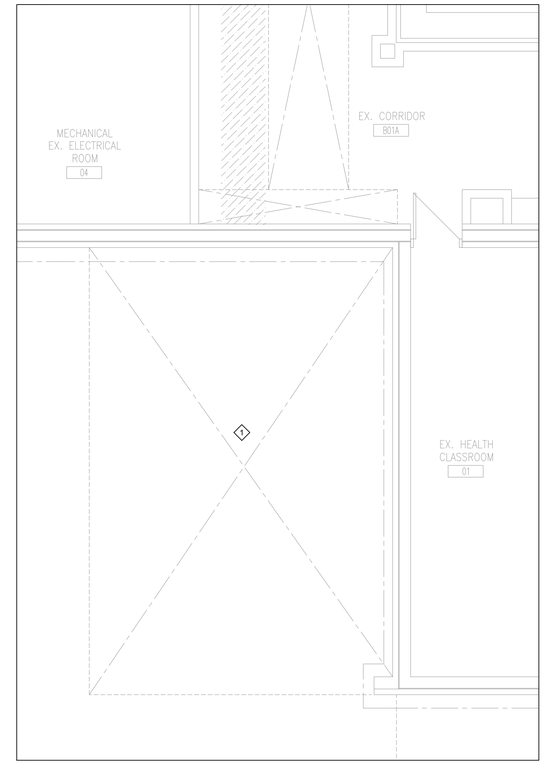
2 / E1-01 PART 1ST FLOOR DEMO. PLAN
1:50



4 / E1-01 PART 2ND FLOOR DEMO. PLAN
1:50



3 / E1-01 PART 1ST FLOOR DEMO. PLAN
1:50



1 / E1-01 PART GROUND FLOOR DEMO. PLAN
1:50

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TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
ELECTRICAL DEMOLITION PLANS

DESIGN BY: DT	SEAL:
DRAWN BY: DT	
CHECKED BY: RL	
DATE: 2026-01-22	
SCALE: 1 : 50	
PROJECT NO: 25301-25	DRAWING NO: E1-01

☐ ✱ VIA TIME SWITCH
☐ ✱✱PROVIDE BREAKER LOCKING DEVICES

EXISTING PANEL "DD"

■ 225 A, 120/208 V, 3 ϕ, 4 W. MAINS
☐ A, V, ϕ, W. MAINS
☐ RECESSED ■ SURFACE MOUNTED
☐ DOUBLE LUGS

DESCRIPTION	LOAD	BKR	CCT	CCT	BKR	LOAD	DESCRIPTION
EXISTING SERVICES			1	2			EXISTING SERVICES
			3	4			
			5	6			
			7	8			
			9				
			17	18			
			19	20			
			21	22			
			23	24A	15A		EXISTING SERVICE
				24B	15A**	100	DOOR HOLDERS
			25	26A	15A		EXISTING SERVICE
				26B	15A	250	DOOR OPERATOR
			27	28	20A	500	GFI OUTLET
			29	30	20A	500	GFI OUTLET

TOTAL CONNECTED LOAD = 1,250 WATT + EXISTING SERVICES

☐ ✱ VIA TIME SWITCH
☐ ✱✱PROVIDE BREAKER LOCKING DEVICES

EXISTING PANEL "D"

■ 250 A, 120/208 V, 3 ϕ, 4 W. MAINS
☐ A, V, ϕ, W. MAINS
☐ RECESSED ■ SURFACE MOUNTED
☐ DOUBLE LUGS

DESCRIPTION	LOAD	BKR	CCT	CCT	BKR	LOAD	DESCRIPTION
EXISTING SERVICES			1	2			EXISTING SERVICES
			3	4			
			5	6			
			7	8			
			9				
			11	12			
			13	14			
			15	16			
			17	18			
			19	20			
			21	22	15A**	50	DOOR HOLDERS
			23	24	20A	500	CU-1 SERVICE OUTLET

TOTAL CONNECTED LOAD = 50 WATT + EXISTING SERVICES

☐ ✱ VIA TIME SWITCH
☐ ✱✱PROVIDE BREAKER LOCKING DEVICES

EXISTING PANEL "FF"

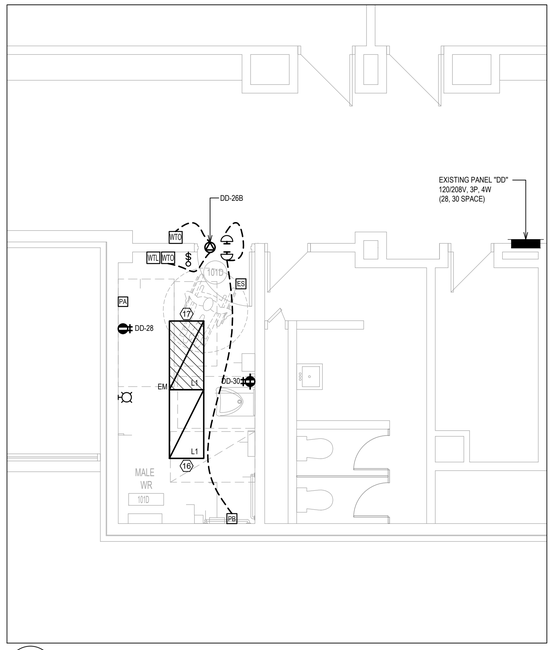
■ 225 A, 120/208 V, 3 ϕ, 4 W. MAINS
☐ A, V, ϕ, W. MAINS
☐ RECESSED ■ SURFACE MOUNTED
☐ DOUBLE LUGS

DESCRIPTION	LOAD	BKR	CCT	CCT	BKR	LOAD	DESCRIPTION
EXISTING SERVICES			1	2			EXISTING SERVICES
			3	4			
			5	6			
			7	8			
			9				
			17	18			
			19	20			
			21	22			
			23	24			
GFI OUTLET	500	20A	25	26	15A	250	DOOR OPERATOR
GFI OUTLET	500	20A	27	28	15A**	100	DOOR HOLDERS
OUTLET	500	20A	29	30			SPACE

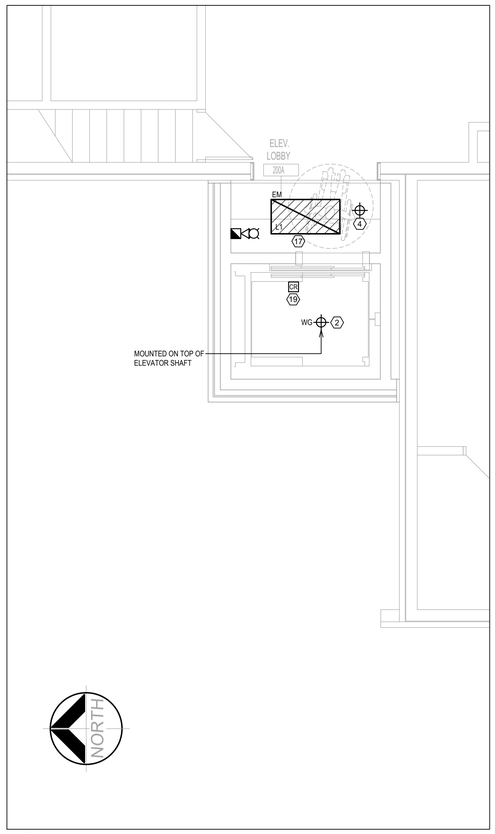
TOTAL CONNECTED LOAD = 1,850 WATT + EXISTING SERVICES

ELECTRICAL KEY NOTES

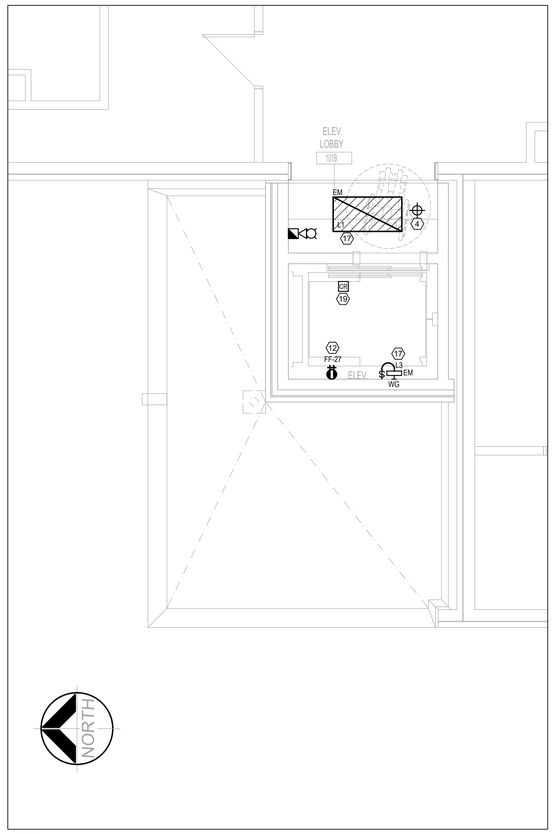
KEYNOTE	DESCRIPTION
1	NEW FIRE RATED PLYWOOD BACK BOARD
2	CONNECT NEW FIRE ALARM DEVICE IN ELEVATOR SHAFT TO NEW INITIATING ZONE. PROVIDE AND UPDATE EXISTING ANNUNCIATOR ZONE SCHEDULE AND REPLACE EXISTING PASSIVE GRAPHICS WITH NEW AS REQUIRED.
3	CONNECT NEW FIRE ALARM SMOKE DETECTOR TO EXISTING INITIATING ZONE.
4	SMOKE DETECTOR C/W DUEL CONTACT. CONNECT TO BUILDING FIRE ALARM PANEL, PROVIDE ALARM SIGNAL TO ELEVATOR CONTROLLER.
5	ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL EMPTY CONDUIT C/W CAT 6 WITH BLUE JACKET FROM MAIN TELECOM ROOM FOR A DEDICATED TELEPHONE LINE TERMINATING AT THE PRIMARY ELEVATOR SIGNAL CONTROL CABINET FOR EMERGENCY CALL SYSTEM.
6	JUNCTION BOX AND 27MM DIA CONDUIT UP TO COMMUNICATION CLOSET FOR FUTURE SECURITY SYSTEM.
7	DEDICATE GFI RECEPTACLE NEXT TO CONTROL CABINET. COORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR ON SITE.
8	PROVIDE FUSIBLE DISCONNECT SWITCH FOR ELEVATOR MOTOR. C/W AUXILIARY CONTACT WITH WIRING TO THE CONTROLLER AND FROM THE CONTROLLER TO ELEVATOR MOTOR. REFER TO SINGLE LINE DIAGRAM FOR FEEDER SIZE. FUSE TO BE PROVIDED AS PER ELEVATOR SHOP DRAWINGS.
9	PROVIDE 15A, 1PH. 120V FUSIBLE DISCONNECT SWITCH FOR ELEVATOR CONTROLLER. REFER TO SINGLE LINE DIAGRAM.
10	PROVIDE 15A, 1PH. 120V FUSIBLED DISCONNECT SWITCH FOR ELEVATOR CAB LIGHTING. REFER TO SINGLE LINE DIAGRAM.
11	ALL DEVICES MOUNTED IN ELEVATOR PIT / SHAFT SHALL BE WEATHERPROOF AND WIREGUARD. COORDINATE WITH ELEVATOR SYSTEM INSTALLER FOR EXACT LOCATION.
12	PROVIDE GFCI RECEPTACLE IN ELEVATOR PIT AND TOP OF THE ELEVATOR SHAFT COMPLETE WITH WEATHERPROOF COVER. EXACT LOCATION TO BE COORDINATED WITH ELEVATOR CONTRACTOR.
13	PROVIDE GROUND BAR WITH #3/0 AWG WIRE TO MAIN GROUND BAR IN MAIN ELECTRICAL ROOM.
14	ROOF MOUNTED SERVICE OUTLET C/W COVER TIGHT AS REQUIRED. SEE DETAIL 3/E-001 AND 4/E0-01.
15	SUMP PUMP TO BE MONITOR BY SECURITY SYSTEM. COORDINATE WITH SECURITY CONTRACTOR FOR ALL REQUIRED CONTROL WIRING, RELAYS, AND INTERFACE MODULES. PROVIDE 3/4 C FROM SUMP PUMP CONTROL PANEL TO SECURITY PANEL. CABLE TERMINATION AT THE SECURITY PANEL AND PROGRAMMING WILL BE DONE BY TDSB IN-HOUSE.
16	CONNECT NEW LIGHT FIXTURE TO THE EXISTING NORMAL LIGHTING CIRCUIT C/W NEW WIRE AND CONDUIT TO THE NEAREST JUNCTION BOX SERVING THE LIGHTING CIRCUIT. PROVIDE SUPPORT INDEPENDENT OF THE CEILING SYSTEM STRUCTURE AS REQUIRED.
17	CONNECT NEW LIGHT FIXTURE TO THE EXISTING EMERGENCY LIGHTING CIRCUIT C/W NEW WIRE AND CONDUIT TO THE NEAREST JUNCTION BOX SERVING THE LIGHTING CIRCUIT. PROVIDE SUPPORT INDEPENDENT OF THE CEILING SYSTEM STRUCTURE AS REQUIRED.
18	ELEVATOR SPRINKLER FLOW SWITCH AND ELEVATOR SUPERVISED VALVE TO BE MONITORED BY THE FIRE ALARM SYSTEM. PROVIDE NEW ZONES WITHIN FIRE ALARM CONTROL PANEL AND ANNUNCIATOR PANEL.
19	PROVIDE 1 X CAT 5E CABLE IN CONDUIT TO THE HUB ROOM. TERMINATION AT THE PATCH PANEL IN HUB ROOM WILL BE DONE BY TDSB IN-HOUSE. KEEP THE ELEVATOR DOOR CLOSED AT ALL TIMES.



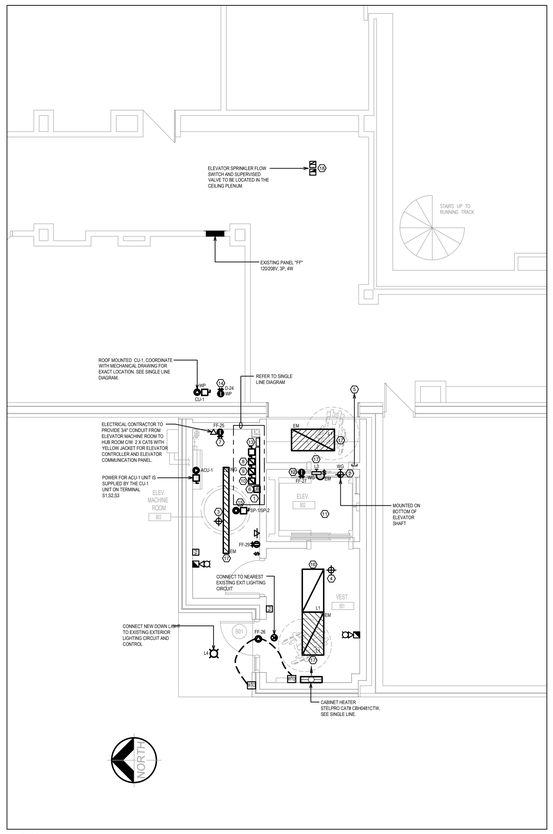
4 E2-01 WASHROOM PLAN - 1 ST FLOOR
1:50



3 E2-01 PART 2ND FLOOR PLAN
1:50



2 E2-01 PART 1ST FLOOR PLAN
1:50



1 E2-01 PART BASEMENT/GROUND FLOOR PLAN
1:50

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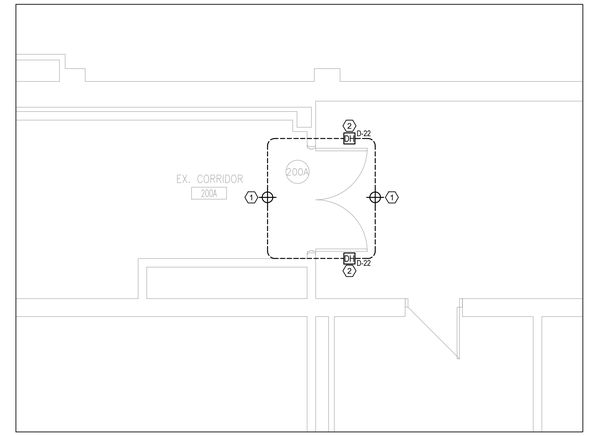
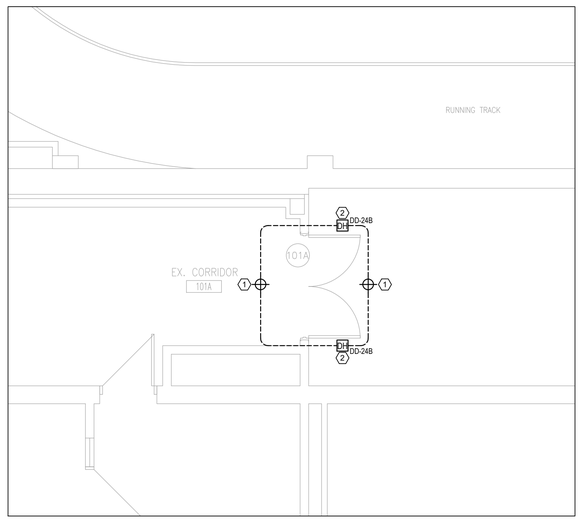
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
ELECTRICAL PLANS

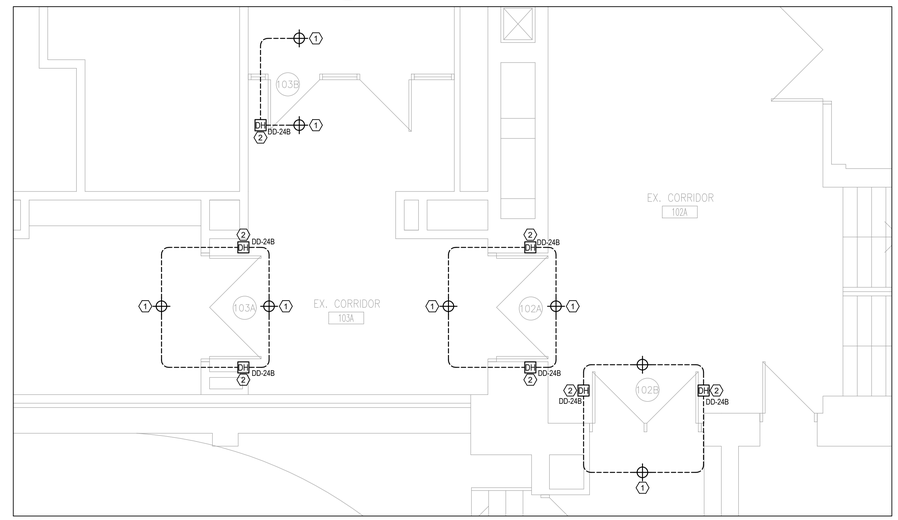
DESIGN BY: DT	SEAL:
DRAWN BY: DT	
CHECKED BY: RL	
DATE: 2026-01-22	
SCALE: 1 : 50	
PROJECT NO: 25301-25	DRAWING NO: E2-01



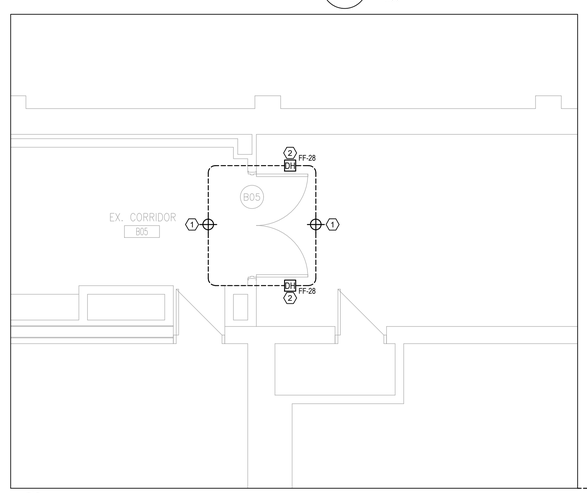
5 E2-02 PART 2ND FLOOR PLAN
1:50



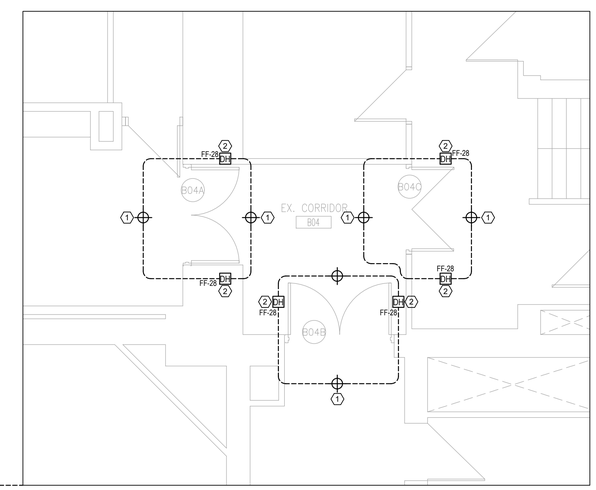
4 E2-02 PART 1ST FLOOR PLAN
1:50



3 E2-02 PART 1ST FLOOR PLAN
1:50



2 E2-02 PART BASEMENT FLOOR PLAN
1:50



1 E2-02 PART BASEMENT FLOOR PLAN
1:50

LIGHTING KEY NOTES:

KEYNOTE:	DESCRIPTION:
1	CONNECT NEW SMOKE DETECTOR TO FIRE ALARM INITIATING ZONE AND RELEASE DOOR HOLDER UPON ACTIVATION OF THESE SMOKE DETECTORS AND FIRE ALARM SYSTEM C/W FIRE ALARM CONTROL MODULE
2	NEW DOOR HOLD OPEN DEVICES INTER LOCK WITH SMOKE DETECTOR AS SHOWN. UPON ACTIVATION OF SMOKE DETECTORS BESIDE THE DOOR, DOOR HOLD OPEN DEVICES SHALL BE DE-ENERGIZED AND RELEASE DOORS.

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TORONTO, ON M6K 2Y3
TORONTO DISTRICT SCHOOL BOARD

DRAWING:
ELECTRICAL DOOR HOLDER PLANS

DESIGN BY: DT	SEAL:
DRAWN BY: DT	
CHECKED BY: RL	
DATE: 2026-01-22	
SCALE: 1 : 50	
PROJECT NO: 25301-25	DRAWING NO: E2-02