PART 1 - ADDENDUM

1.1. INTENT

1.1.1. This Addendum is issued to provide for modifications and/or clarifications during Bidding and forms part of Bid and Contract Documents for above Project.

1.1.2. Except as otherwise specified herein, or as shown on accompanying Drawings, work required by this Addendum shall be in accordance with Specifications dated January 31, 2025 and Drawings accompanying same and previously issued Addenda.

PART 2 - SPECIFICATIONS – PROCUREMENT AND CONTRACTING REQUIREMENTS GROUP AND SPECIFICATIONS GROUP

2.1. SPECIFICATIONS REVISIONS

2.1.1. Specification pages listed below accompany and form part of this Addendum.

2.1.2. Each revised Section voids and supersedes previously issued Section of same number in its entirety. Each page is marked at bottom with a "Revised & Reissued" entry that includes date of this issue. Extent of new, revised and/or deleted text is defined by leading and trailing ***1 . . . . . 1*** symbol, as applicable.

2.1.3. A new Section is added with this issue. Each page is marked at bottom with an "Issued" entry that includes date of this issue.

2.1.4. Revised Sections and Pages:

Section Number	Rev No.	Section Title	Page Numbers
00 01 10	05	Table of Contents	1 thru 8
09 72 17	00	Hygienic Vinyl Wall and Ceiling Panels	1 thru 6

PART 3 - CLARIFICATIONS

3.1. GENERAL CLARIFICATIONS

3.1.1. Following are general clarification items which form part of this Addendum:

3.1.1.1. Question No. 69:

3.1.1.1.1. Question: Please confirm width of ceiling C5, 2498 mm, above entries/vestibules (bulkheads) into Rooms 231, 233 and 235, and note in section 7/A602.

3.1.1.1.2. Answer: Widths added to Drawings A313 and A602.

3.1.1.2. Question No. 70:

3.1.1.2.1. Question: Please clarify the callout for F10A wall finish at the face of the bulkhead in Lounge 237, 2/A213. This only in reference to the 100 mm vertical return, and F10A does not continue up the face of the bulkhead?

3.1.1.2.2. Answer: F10B continues to underside of bulkhead. Note added which states that the F10A upturn is only 100 mm high. Reference Section added.

3.1.1.3. Question No. 71:

3.1.1.3.1. Question: Please clarify: In Addendum 03, wood ceiling C5 is deleted from details 12,13/A600, but C5 is still in the area concerned with 12,13/A600 on RCP Plan A313.

3.1.1.3.2. Answer: The reference Tag has been removed from Drawing A313. C5 is not shown in 12/A600 or 13/A600.

3.1.1.4. Question No. 72:

3.1.1.4.1. Question: Please clarify: In Addendum 03, wood ceiling C5 is deleted from details 7/A602. Also, wood ceiling panels have to be fixed on ceiling support system which S&I by others instead of adhered to GWB substrate shown on 7/A602.

3.1.1.4.2. Answer: Given the construction of the bulkhead, wood panels are to be adhered to gypsum substrate as a separate type, not C5.

3.1.1.5. Question No. 73:

3.1.1.5.1. Question: Please provide specification for RF-3 and CT-2 as per addendum #5. Please confirm LVT-1 for wall finish at level 3 couns. room as per room finish schedule.

3.1.1.5.2. Answer:

3.1.1.5.2.1. The RF-3 product is “Marmoleum Ohmex - 73146 serene grey” by Forbo Flooring System or equivalent and reviewed by Consultant. A minimum of 1 grounding strap must be installed for every 46 m^2 (500 sq ft) and the grounding strap should be grounded to the building by a licensed electrician.

3.1.1.5.2.2. CT-2 is PCT-4 in the MATERIAL AND FINISH SCHEDULE. Drawing A013 Schedule - Room Finishes has been updated to include PCT-4 and PCT-5 which applies to kitchens/kitchenettes.

3.1.1.5.2.3. Finishes Schedule for the level 3 counselling rooms has been revised. Refer to Drawing A013.

3.1.1.6. Question No. 74:

3.1.1.6.1. Question: Please confirm that the guards at the windows as per note 44 on page A218 are the same details as the glass guards on 4/A705 with MT-5 bronze finish.

3.1.1.6.2. Answer: No. Refer to 4 & 5/A008 which applies to Lounge 307, Office 320, Office 322 and Office 324.

3.1.1.7. Question No. 75:

3.1.1.7.1. Question: Is there a Specification Section for the Fiberglass Reinforced Plastic (FRP) Wall Sheets to be installed in the Room 399A WC & SHOWER and as a backsplash for the exam room vanities?

3.1.1.7.2. Answer: Refer to Section 09 72 17.

PART 4 - DRAWINGS

4.1. DRAWING NO: A008

4.1.1. Drawing No. A008 attached is modified as follows:

4.1.2. Glass Screen 4/A008 description revised.

4.2. DRAWING NO: A013

4.2.1. Drawing No. A013 attached is modified as follows:

4.2.1.1. Wall Finish Schedule for the level 3 counselling rooms has been revised.

4.2.1.2. Finishes Schedule updated to include PCT-4 and PCT-5.

4.3. DRAWING NO: A213

4.3.1. Drawing No. A213 attached is modified as follows:

4.3.1.1. Note added which states that the F10A upturn is only 100 mm high. Reference Section added.

4.4. DRAWING NO: A313

4.4.1. Drawing No. A313 attached is modified as follows:

4.4.1.1. Note added which states that the F10A upturn is only 100 mm high.

4.4.1.2. Reference tags to C5 removed.

4.5. DRAWING NO: A602

4.5.1. Drawing No. A602 attached is modified as follows:

4.5.1.1. Reference tag to C5 removed from Elevation 16 and Section 8.

4.6. DRAWING NO: A801

4.6.1. Drawing No. A801 attached is modified as follows:

4.6.1.1. PCT-4 added to elevations 1 and 4.

PART 5 - ELECTRICAL

5.1. ELECTRICAL REQUIREMENTS

5.1.1. Electrical Consultant has issued “Bid Addendum No. #05” which is 2 pages and dated “March 28, 2025" and forms part of this Addendum.

PART 6 - COMMUNICATIONS

6.1. COMMUNICATIONS REQUIREMENTS

6.1.1. Communications Consultant has issued “Addendum No. ADD-D-05” which is 1 page and dated “March 28, 2025" and forms part of this Addendum.

PART 7 - ELECTRONIC SAFETY AND SECURITY

7.1. ELECTRONIC SAFETY AND SECURITY REQUIREMENTS

7.1.1. Electronic Safety and Security Consultant has issued “Addendum No. 05” which is 1 page and dated “March 28, 2025" and forms part of this Addendum.

END OF SECTION

PROCUREMENT AND CONTRACTING REQUIREMENTS GROUP					
DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS					
INTRODUCTORY INFORMATION					
Section No.	***Section Title***	***Rev. No.***	***Date***	***Consult.***	***Page No's***
00 00 01	PROJECT TITLE PAGE	--	2025-01-31	EAI	1 Only
00 01 05	LIST OF CONSULTANTS	00	2025-01-31	EAI	1 and 2
00 01 10	**TABLE OF CONTENTS**	**05**	**2025-03-28**	**EAI**	**1 thru 8**
00 01 15	LIST OF DRAWINGS	00	2025-01-31	EAI	1 and 2
00 01 20	LIST OF SCHEDULES	01	2025-03-21	EAI	1 Only
PROCUREMENT REQUIREMENTS					
00 30 00	AVAILABLE INFORMATION	00	2025-01-31	EAI	1 and 2
CONTRACTING REQUIREMENTS					
00 65 37	MAINTENANCE MATERIAL FORM (SPECIMEN)	00	2025-01-31	EAI	1 Only
*00 70 00	"AGREEMENT BETWEEN OWNER AND CONTRACTOR", "DEFINITIONS" AND "GENERAL CONDITIONS", STANDARD CONSTRUCTION DOCUMENT CCDC 2 - 2020				Not Enclosed
00 71 00	AMENDMENTS TO DEFINITIONS	00	2025-01-31	EAI	1 and 2
00 91 01	BID ADDENDUM NO. 1		2025-03-07	EAI	1 thru 3
00 91 02	ADDENDUM NO. 2		2025-07-14	EAI	1 thru 3
00 91 03	ADDENDUM NO. 3		2025-03-21	EAI	1 thru 11
00 91 04	ADDENDUM NO. 4		2025-03-25	EAI	1 thru 4
00 91 05	**ADDENDUM NO. 5**		**2025-03-28**	**EAI**	**1 thru 3**
SPECIFICATIONS GROUP ***GENERAL REQUIREMENTS SUBGROUP***					
DIVISION 01 – GENERAL REQUIREMENTS					
01 33 23	INTERFERENCE DRAWINGS	00	2025-03-07	EAI	1 Only
*01 35 91	HERITAGE PROTECTIVE MEASURES	00	2025-01-31	EVOQ	1 thru 5
*01 42 16	HERITAGE DEFINITIONS	00	2025-01-31	EVOQ	1 and 2
FACILITY CONSTRUCTION SUBGROUP					
DIVISION 02 – EXISTING CONDITIONS					
02 41 00	DEMOLITION AND SALVAGE	00	2025-01-31	EAI	1 thru 6
*02 42 20	REMOVAL AND SALVAGE OF HERITAGE MATERIALS	01	2025-03-07	EVOQ	1 thru 5

DIVISION 03 – CONCRETE					
*03 01 37	CONCRETE RESTORATION	04	2025-01-31	EC	1 thru 14
*03 10 00	CONCRETE FORMING	04	2025-01-31	EC	1 thru 11
*03 20 00	CONCRETE REINFORCEMENT	04	2025-01-31	EC	1 thru 7
*03 30 00	CAST-IN-PLACE CONCRETE	04	2025-01-31	EC	1 thru 18
*03 30 53	MISCELLANEOUS CAST-IN-PLACE CONCRETE	00	2025-01-31	HKA	1 thru 4
03 35 13	CONCRETE FLOOR FINISHING	00	2025-01-31	EAI	1 thru 7
03 54 00	CAST CEMENT UNDERLAYMENT	00	2025-01-31	EAI	1 thru 5
DIVISION 04 – MASONRY					
*04 03 01	COMMON WORK RESULTS FOR HERITAGE MASONRY	00	2025-01-31	EVOQ	1 thru 7
*04 03 01.13	HERITAGE MASONRY CLEANING	00	2025-01-31	EVOQ	1 thru 9
*04 03 05.13	HERITAGE MORTARING	00	2025-01-31	EVOQ	1 thru 7
*04 03 05.21	HERITAGE REPOINTING	00	2025-01-31	EVOQ	1 thru 5
*04 03 42.13	HERITAGE STONE REPAIRING	00	2025-01-31	EVOQ	1 thru 7
*04 03 43.16	HERTAGE STONE REPLACING	00	2025-01-31	EVOQ	1 thru 3
*04 03 43.19	HERITAGE STONE DISMANTLING	00	2025-01-31	EVOQ	1 thru 5
*04 03 43.20	HERITAGE STONE REBUILDING	00	2025-01-31	EVOQ	1 thru 3
04 20 00	MASONRY UNITS	00	2025-01-31	EAI	1 thru 17
DIVISION 05 – METALS					
*05 12 00	STRUCTURAL STEEL	04	2025-01-31	EC	1 thru 22
*05 31 10	STEEL DECK	04	2025-01-31	EC	1 thru 8
05 41 00	STRUCTURAL METAL STUD FRAMING SYSTEM	00	2025-01-31	EAI	1 thru 11
05 50 00	METAL FABRICATIONS	00	2025-01-31	EAI	1 thru 8
05 51 00	METAL STAIRS AND BALUSTRADES	00	2025-01-31	EAI	1 thru 6
05 73 13	GLAZED DECORATIVE METAL RAILINGS	00	2025-01-31	EAI	1 thru 10
DIVISION 06 – WOOD, PLASTICS AND COMPOSITES					
06 10 00	ROUGH CARPENTRY	00	2025-01-31	EAI	1 thru 4
06 40 00	ARCHITECTURAL WOODWORK	00	2025-01-31	EAI	1 thru 7
06 61 16	SOLID SURFACING FABRICATIONS	00	2025-01-31	EAI	1 thru 7
06 90 00	GENERAL INSTALLATIONS	00	2025-01-31	EAI	1 thru 4
DIVISION 07 – THERMAL AND MOISTURE PROTECTION					
07 11 13	BITUMINOUS DAMPPROOFING	00	2025-03-21	EAI	1 thru 3
07 16 16	CRYSTALLINE WATERPROOFING	00	2025-01-31	EAI	1 thru 5
07 18 13	MECHANICAL ROOM WATERPROOFING	00	2025-01-31	EAI	1 thru 5
07 21 00	BUILDING INSULATION	00	2025-01-31	EAI	1 thru 6
07 21 19	FOAMED-IN-PLACE INSULATION	00	2025-01-31	EAI	1 thru 3
07 21 29	SPRAYED INSULTATION	00	2025-01-31	EAI	1 thru 4
07 25 00	MISCELLANEOUS AIR/VAPOUR BARRIERS	00	2025-01-31	EAI	1 thru 7
07 42 44	ALUMINUM MODULAR PLATE SYSTEM	00	2025-01-31	EAI	1 thru 10

07 52 16	MODIFIED BITUMINOUS MEMBRANE ROOFING	00	2025-01-31	EAI	1 thru 16
07 62 00	SHEET METAL FLASHING AND TRIM	00	2025-01-31	EAI	1 thru 4
07 81 00	SPRAYED FIRE-RESISTIVE MATERIALS	00	2025-01-31	EAI	1 thru 6
07 81 23	INTUMESCENT FIRE RESISTIVE COATINGS	00	2025-01-31	EAI	1 thru 9
07 84 00	FIRESTOPPING AND SMOKE SEALS	00	2025-01-31	EAI	1 thru 13
07 92 00	JOINT SEALANTS	00	2025-01-31	EAI	1 thru 10
07 95 13	EXPANSION JOINT ASSEMBLIES	00	2025-01-31	EAI	1 thru 6
DIVISION 08 – OPENINGS					
*08 03 52.71	HERITAGE WOOD WINDOW AND DOOR REHABILITATION	00	2025-01-31	EVOQ	1 thru 6
08 06 80	GLAZING SCHEDULE	00	2025-01-31	EAI	1 thru 4
08 11 13	HOLLOW METAL DOORS AND FRAMES	00	2025-01-31	EAI	1 thru 9
08 11 16	ALUMINUM DOORS AND FRAMES	00	2025-01-31	EAI	1 thru 7
08 15 00	PLASTIC LAMINATE WOOD DOORS	00	2025-01-31	EAI	1 thru 6
08 31 13	ACCESS DOORS AND FRAMES	00	2025-01-31	EAI	1 thru 4
08 33 25	FIRE-RATED OVERHEAD COILING DOORS	00	2025-01-31	EAI	1 thru 5
08 43 14	ALUMINUM FRAMED FIRE-RATED STOREFRONTS	00	2025-01-31	EAI	1 thru 10
08 44 13	GLAZED ALUMINUM CURTAIN WALL	00	2025-01-31	EAI	1 thru 30
08 51 13	ALUMINUM WINDOWS	00	2025-01-31	EAI	1 thru 16
*08 71 00	FINISH HARDWARE	00	2025-01-31	UCSH	1 thru 9
08 71 13	AUTOMATIC DOOR OPERATORS	00	2025-01-31	EAI	1 thru 6
08 80 00	GLASS AND GLAZING	00	2025-01-31	EAI	1 thru 9
08 91 00	**DELETED** ~~LOUVRES~~	~~00~~	~~2025-01-31~~	~~EAI~~	~~1 thru 7~~
DIVISION 09 – FINISHES					
*09 03 91	HERITAGE PAINTING	00	2025-01-31	EVOQ	1 thru 6
09 21 16	GYPSUM BOARD ASSEMBLIES	00	2025-01-31	EAI	1 thru 16
09 27 13	GLASS-FIBRE-REINFORCED GYPSUM FABRICATIONS	00	2025-01-31	EAI	1 thru 4
09 30 00	TILING	00	2025-01-31	EAI	1 thru 11
09 51 13	ACOUSTICAL PANEL CEILINGS	00	2025-01-31	EAI	1 thru 8
09 60 13	TACTILE WARNING SURFACING	02	2025-03-25	EAI	1 thru 5
09 62 19	LAMINATE FLOORING	00	2025-01-31	EAI	1 thru 6
09 65 13	RESILIENT BASE AND ACCESSORIES	00	2025-01-31	EAI	1 thru 3
09 65 43	LINOLEUM	00	2025-01-31	EAI	1 thru 6
09 72 17	**HYGIENIC VINYL WALL AND CEILING PANELS**	**00**	**2025-03-28**	**EAI**	**1 thru 6**
09 84 13	FIXED SOUND-ABSORPTIVE PANELS	00	2025-01-31	EAI	1 thru 4
09 91 00	PAINTING	00	2025-01-31	EAI	1 thru 16
09 96 03	HIGH-PERFORMANCE INTERIOR COATINGS	00	2025-01-31	EAI	1 thru 4
DIVISION 10 – SPECIALTIES					
10 22 26	FOLDING PANEL OPERABLE PARTITIONS	00	2025-01-31	EAI	1 thru 4
10 28 00	WASHROOM ACCESSORIES	01	2025-03-21	EAI	1 thru 5
10 51 13	METAL LOCKERS	01	2025-03-21	EAI	1 thru 4

DIVISION 12 – FURNISHINGS					
12 24 13	MANUAL ROLLER WINDOW SHADES	00	2025-01-31	EAI	1 thru 6
12 24 14	MOTORIZED ROLLER WINDOW SHADES	00	2025-01-31	EAI	1 thru 7
12 48 16	ENTRANCE FLOOR GRILLES	00	2025-01-31	EAI	1 thru 3
*12 93 00	SITE FURNISHINGS	00	2025-01-31	HKA	1 Only
DIVISION 14 – CONVEYING EQUIPMENT					
*14 20 00	ELEVATORS: GENERAL		2025-01-31	KJA	1 thru 19
*14 21 23	MRL PASSENGER ELEVATOR		2025-01-31	KJA	1 thru 35
*14 41 00	PLATFORM LIFT		2025-01-31	KJA	1 thru 9
*14900	ELEVATORS: MAINTENANCE		2025-01-31	KJA	1 thru 21
FACILITY SERVICES SUBGROUP					
DIVISION 20 – MECHANICAL GENERAL REQUIRMENTS					
*20 05 00	GENERAL INSTRUCTIONS FOR MECHANICAL SECTIONS	00	2025-01-31	S+A	1 thru 20
*20 05 01	ABBREVIATIONS	00	2025-01-31	S+A	1 thru 6
*20 05 02	AS-BUILT DRAWINGS	00	2025-01-31	S+A	1 and 2
*20 05 03	SHOP DRAWINGS	00	2025-01-31	S+A	1 and 2
*20 05 05	SELECTIVE DEMOLITION FOR MECHANICAL SERVICES	00	2025-01-31	S+A	1 thru 4
*20 05 29	HANGERS AND SUPPORTS	00	2025-01-31	S+A	1 thru 5
*20 05 48	VIBRATION AND NOISE CONTROL	00	2025-01-31	S+A	1 thru 6
*20 05 53	PIPE AND DUCTWORK IDENTIFICATION	00	2025-01-31	S+A	1 and 2
*20 05 54	NAMEPLATES	00	2025-01-31	S+A	1 Only
*20 05 55	VALVE TAGS AND CHARTS	00	2025-01-31	S+A	1 Only
*20 05 63	ACCESS DOORS AND ACCESSIBILITY	00	2025-01-31	S+A	1 and 2
*20 05 73	EXCAVATION AND BACKFILL FOR MECHANICAL WORK	00	2025-01-31	S+A	1 and 2
*20 05 83	SLEEVES AND ESCUTCHEONS	00	2025-01-31	S+A	1 thru 3
*20 05 88	CUTTING AND PATCHING	00	2025-01-31	S+A	1 and 2
*20 07 00	INSULATION	00	2025-01-31	S+A	1 thru 15
*20 08 02	CLEANING AND PROTECTION	00	2025-01-31	S+A	1 Only
*20 08 03	OPERATING AND MAINTENANCE INSTRUCTIONS	00	2025-01-31	S+A	1 thru 3
DIVISION 21 – FIRE SUPPRESSION					
*21 12 00	STANDPIPE AND FIRE HOSE SYSTEM	00	2025-01-31	S+A	1 and 2
*21 12 26	FIRE HOSE CABINETS	00	2025-01-31	S+A	1 and 2
*21 13 00	SPRINKLER SYSTEMS	00	2025-01-31	S+A	1 thru 7
*21 25 00	PORTABLE FIRE EXTINGUISHERS	00	2025-01-31	S+A	1 Only
DIVISION 22 – PLUMBING					
*22 05 76	CLEANOUTS	00	2025-01-31	S+A	1 Only
*22 11 13	PIPES, VALVES AND FITTINGS (PLUMBING SYSTEM)	00	2025-01-31	S+A	1 thru 9

*22 11 23.29	CIRCULATORS	00	2025-01-31	S+A	1 Only
*22 13 19.13	FLOOR DRAINS	00	2025-01-31	S+A	1 and 2
*22 13 19.26	INTERCEPTORS	00	2025-01-31	S+A	1 Only
*22 42 00	FIXTURES AND TRIM	00	2025-01-31	S+A	1 thru 4
*22 42 46	FIXTURE CARRIERS	00	2025-01-31	S+A	1 and 2
*22 47 13	REFRIGERATED DRINKING FOUNTAINS AND BOTTLE FILLERS	00	2025-01-31	S+A	1 Only
DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING					
*23 05 93.16	TESTING AND BALANCING PIPING SYSTEMS	00	2025-01-31	S+A	1 Only
*23 05 93.26	TESTING AND BALANCING AIR SYSTEMS	00	2025-01-31	S+A	1 and 2
*23 09 00	BUILDING AUTOMATION SYSTEM (BAS)	00	2025-01-31	S+A	1 thru 28
*23 09 23	SEQUENCE OF OPERATION FOR BAS	00	2025-01-31	S+A	1 thru 5
*23 21 13.23	PIPING, VALVES & FITTINGS (EXCEPT PLUMBING)	00	2025-01-31	S+A	1 thru 10
*23 23 01	REFRIGERANT PIPING	00	2025-01-31	S+A	1 thru 5
*23 25 26	CLEANING AND FILLING	00	2025-01-31	S+A	1 thru 3
*23 31 13	DUCTWORK AND SPECIALTIES	00	2025-01-31	S+A	1 thru 12
*23 34 53	ROOM VENTILATORS	00	2025-01-31	S+A	1 and 2
*23 36 16	VARIABLE VOLUME BOXES	00	2025-01-31	S+A	1 thru 3
*23 37 13	DIFFUSERS, GRILLES AND REGISTERS	00	2025-01-31	S+A	1 thru 3
*23 81 26	UNITARY AIR CONDITIONING UNITS	00	2025-01-31	S+A	1 and 2
*23 82 16	COILS	00	2025-01-31	S+A	1 and 2
*23 82 33	CONVECTOR RADIATORS	00	2025-01-31	S+A	1 and 2
	*HEATING COIL SCHEDULE		2025-01-31	S+A	1 Only
	*VAV SCHEDULE		2025-01-31	S+A	1 Only
	*AC UNIT SCHEDULE		2025-03-20	S+A	1 Only
	*KITCHEN ECOLOGY UNIT SCHEDULE		2025-01-31	S+A	1 Only
	*FAN SCHEDULE		2025-03-20	S+A	1 Only
DIVISION 26 – ELECTRICAL					
*26 01 00	OPERATING AND MAINTENANCE INSTRUCTIONS	00	2025-01-31	S+A	1 thru 3
*26 05 01	GENERAL INSTRUCTIONS FOR ELECTRICAL SECTIONS	00	2025-01-31	S+A	1 thru 25
*26 05 03	AS-BUILT DRAWINGS	00	2025-01-31	S+A	1 and 2
*26 05 04	SUBMITTALS/SHOP DRAWINGS	00	2025-01-31	S+A	1 and 2
*26 05 05	MOUNTING HEIGHTS	00	2025-01-31	S+A	1 and 2
*26 05 21	WIRES AND CABLES UNDER 2000 V	00	2025-01-31	S+A	1 thru 7
*26 05 21.01	PATIENT CARE WIRING	00	2025-01-31	S+A	1 thru 4
*26 05 26	GROUNDING + BONDING	00	2025-01-31	S+A	1 thru 4
*26 05 29	HANGERS AND SUPPORTS	00	2025-01-31	S+A	1 Only
*26 05 31	SPLITTERS, JUNCTION, PULL BOXES AND CABINETS	00	2025-01-31	S+A	1 and 2
*26 05 32	OUTLET BOXES, CONDUIT BOXES AND FITTINGS	00	2025-01-31	S+A	1 and 2
*26 05 34	CONDUITS, CONDUIT FASTENERS AND FITTINGS	00	2025-01-31	S+A	1 thru 4
*26 05 36	CABLE TRAYS	00	2025-01-31	S+A	1 thru 4
*26 05 40	POKE-THRU DEVICES	00	2025-01-31	S+A	1 and 2

*26 05 53	IDENTIFICATION	00	2025-01-31	S+A	1 thru 5
*26 05 63	ACCESS DOORS AND ACCESSIBILITY	00	2025-01-31	S+A	1 and 2
*26 05 73	ELECTRICAL POWER SYSTEM STUDIES	00	2025-01-31	S+A	1 thru 4
*26 05 83	SLEEVES	00	2025-01-31	S+A	1 and 2
*26 05 88	CUTTING AND PATCHING	00	2025-01-31	S+A	1 and 2
*26 08 01	TECHNICAL SERVICES DIVISION STARTUP SERVICE	00	2025-01-31	S+A	1 thru 12
*26 09 24	LIGHTING CONTROL EQUIPMENT - ADDRESSABLE LOW VOLTAGE	00	2025-01-31	S+A	1 thru 13
*26 12 17	DRY TYPE TRANSFORMERS - 600V PRIMARY	00	2025-01-31	S+A	1 thru 3
*26 24 13	SWITCHBOARDS	00	2025-01-31	S+A	1 thru 4
*26 24 17	PANELBOARDS - BREAKER TYPE	00	2025-01-31	S+A	1 thru 3
*26 27 02	SURGE PROTECTIVE DEVICE	00	2025-01-31	S+A	1 thru 5
*26 27 13	ELECTRONIC METERING	00	2025-01-31	S+A	1 thru 10
*26 27 19	MULTI-OUTLET ASSEMBLIES	00	2025-01-31	S+A	1 and 2
*26 27 26	WIRING DEVICES	00	2025-01-31	S+A	1 thru 4
*26 28 14	FUSES LOW VOLTAGE	00	2025-01-31	S+A	1 and 2
*26 28 21	MOULDED CASE AND INSULATED CASE CIRCUIT BREAKERS	00	2025-01-31	S+A	1 thru 4
*26 28 23	DISCONNECT SWITCHES - FUSED AND NON-FUSED	00	2025-01-31	S+A	1 and 2
*26 29 00	MOTOR STARTERS TO 600 V	00	2025-01-31	S+A	1 thru 6
*26 51 13	LIGHTING EQUIPMENT	00	2025-01-31	S+A	1 thru 8
*26 60 10	SNOW MELTING SYSTEM	00	2025-01-31	S+A	1 thru 4
*26 60 30	ROOF AND GUTTER DE-ICING SYSTEMS	00	2025-01-31	S+A	1 thru 3
DIVISION 27 – COMMUNICATIONS					
*27 00 05.10	GENERAL INSTRUCTIONS FOR TELECOMMUNICATIONS SECTIONS	00	2025-01-31	S+A	1 thru 8
*27 00 05.20	DEFINITIONS AND ABBREVIATIONS	00	2025-01-31	S+A	1 thru 9
*27 00 05.30	CODES, STANDARDS AND REGULATIONS	00	2025-01-31	S+A	1 thru 3
*27 00 05.50	CONTRACT DOCUMENTS	00	2025-01-31	S+A	1 Only
*27 00 05.60	ADMINSTRATIVE REQUIREMENTS	00	2025-01-31	S+A	1 thru 4
*27 00 05.70	PROJECT SPECIFIC REQUIREMENTS	00	2025-01-31	S+A	1 thru 3
*27 00 06	FIRE STOPPING AND WATER PROOFING	00	2025-01-31	S+A	1 thru 4
*27 05 28	PATHWAYS FOR TELECOMMUNICATIONS SYSTEMS	00	2025-01-31	S+A	1 thru 5
*27 05 53	IDENTIFICATION FOR TELECOMMUNICATIONS SYSTEMS	00	2025-01-31	S+A	1 and 2
*27 08 00	COMMISSIONING FOR TELECOMMUNICATIONS SECTIONS	00	2025-01-31	S+A	1 thru 6
*27 11 16	TELECOMMUNICATIONS CABINETS, RACKS, FRAMES AND ENCLOSURES	00	2025-01-31	S+A	1 thru 3
*27 11 19	TELECOMMUNICATIONS TERMINATION BLOCKS AND PATCH PANELS	00	2025-01-31	S+A	1 Only
*27 13 23	TELECOMMUNICATIONS OPTICAL FIBRE BACKBONE CABLING	00	2025-01-31	S+A	1 thru 4
*27 15 00.19	DATA TELECOMMUNICATIONS HORIZONTAL CABLING	00	2025-01-31	S+A	1 thru 3
*27 15 33.00	TELECOMMUNICATIONS COAXIAL HORIZONTAL CABLING	00	2025-01-31	S+A	1 and 2

*27 15 43	TELECOMMUNICATIONS FACEPLATES AND CONNECTORS	00	2025-01-31	S+A	1 thru 4
*27 16 19	TELECOMMUNICATIONS PATCH CORDS AND CROSS CONNECT WIRE	00	2025-01-31	S+A	1 and 2
	*COMMUNICATIONS INFRASTRUCTURE SPECIFICATIONS, STANDARDS AND PRACTICES		2025-01	UofT	38 pages
DIVISION 28 – ELECTRONIC SAFETY AND SECURITY					
*28 00 03	ADMINISTRATIVE REQUIREMENTS		2025-01-31	S+A	1 thru 3
*28 00 05.30	CODES, STANDARDS, AND REGULATIONS		2025-01-31	S+A	1 thru 3
*28 00 06	FIRE STOPPING AND WATER PROOFING		2025-01-31	S+A	1 thru 4
*28 01 00	GENERAL INSTRUCTIONS FOR ESS SECTIONS		2025-01-31	S+A	1 thru 6
*28 01 01	OPERATION AND MAINTENANCE OF ELECTRONIC SAFETY AND SECURITY		2025-01-31	S+A	1 Only
*28 05 00	RACEWAYS FOR SECURITY SYSTEM	00	2025-01-31	S+A	1 Only
*28 05 00	COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND SECURITY		2025-01-31	S+A	1 and 2
*28 05 03	RECORD DRAWINGS		2025-01-31	S+A	1 thru 3
*28 05 04	SUBMITTALS - SHOP DRAWINGS		2025-01-31	S+A	1 and 2
*28 05 05.20	DEFINITIONS AND ABBREVIATIONS		2025-01-31	S+A	1 thru 6
*28 05 13	CONDUCTORS AND CABLES FOR ELECTRONIC SAFETY AND SECURITY		2025-01-31	S+A	1 thru 4
*28 05 26	GROUNDING AND BONDING FOR ELECTRONIC SAFETY AND SECURITY		2025-01-31	S+A	1 and 2
*28 05 28	PATHWAYS FOR ELECTRONIC SAFETY AND SECURITY		2025-01-31	S+A	1 thru 3
*28 05 53	IDNETIFICATION FOR ELECTRONIC SAFETY AND SECURITY		2025-01-31	S+A	1 and 2
*28 08 00	COMMISSIONING OF ELECTRONIC SAFETY AND SECURITY		2025-01-31	S+A	1 thru 3
*28 31 02	MULTIPLEX FIRE ALARM SYSTEM	00	2025-01-31	S+A	1 thru 18
SITE AND INFRASTRUCTURE SUBGROUP					
DIVISION 32 – EXTERIOR IMPROVEMENTS					
*32 13 13	CONCRETE PAVING	00	2025-01-31	HKA	1 thru 5
*32 14 13	UNIT PAVING	00	2025-01-31	HKA	1 and 2
*32 93 00	PLANTING	00	2025-01-31	HKA	1 thru 6

LEGEND

** - Specifications prepared by Consultants other than ENFORM Architects Inc. have been prefixed with an asterisk. These Specifications are not included under, nor governed by ENFORM Architects Inc.'s seal.*

Consultant's Abbreviations:

UofT	*University of Toronto*	*Owner*
EAI	*ENFORM Architects Inc.*	*Architectural (A)*
EC	*Entuitive Corporation*	*Structural Consultant (S)*
EVOQ	*EVOQ Architecture*	*Heritage Consultant*
UCSH	*Upper Canada Specialty Hardware Limited*	*Hardware Consultant*

S+A	*Smith + Andersen*	*Mechanical Consultant (M)*
S+A	*Smith + Andersen*	*Electrical Consultant (E)*
KJA	*KJA Consultants Inc.*	*Vertical Transportation Consultant*
MBII	*Mulvey & Banani International Inc.*	*Security Consultant*
HKA	*Henry Kortekaas and Associates Inc.*	*Landscape Consultant (L)*

END OF SECTION

PART 1 - GENERAL

1.1. GENERAL INSTRUCTIONS

1.1.1. Read and conform to:

1.1.1.1. CCDC 2 - 2020, Stipulated Price Contract as amended in the Contract Documents.

1.1.1.2. Division 1 requirements and documents referred to therein.

1.2. SUMMARY

1.2.1. Section Includes: Provide hygienic vinyl wall and ceiling panels including but not limited to following:

1.2.1.1. hygienic vinyl wall panels for showers and backsplashes.

1.2.2. Related Sections: Following description of work is included for reference only and shall not be presumed complete:

1.2.2.1. Provision of “Maintenance Material Form” for receiving extra/spare material for Owner’s future use: Section 00 65 37, Maintenance Material Form (Specimen).

1.2.2.2. Provision of carbon impact design requirements: Section 01 33 30, Carbon Impact Design Requirements.

1.2.2.3. Provision of concrete block walls: Section 04 20 00, Masonry Units.

1.2.2.4. Provision of gypsum board partitions: Section 09 21 16, Gypsum Board Assemblies.

1.3. REFERENCES

1.3.1. Abbreviations and Acronyms:

1.3.1.1. EPD: Environmental Product Declaration.

1.3.1.2. HPD: Health Product Declaration.

1.3.2. Reference Standards:

1.3.2.1. ISO 14025:2016 - Environmental labels and declarations - Type III environmental declarations - Principles and procedures

1.3.2.2. ISO 21930:2017 - Sustainable in buildings and civil engineering works - Core rules for environmental product declarations of construction products and services

1.4. SUBMITTALS

1.4.1. Product Data:

1.4.1.1. Submit manufacturer's literature, data sheets for each type of material provided under this Section. Ensure data sheets provide required information. Submit 3 copies of detailed instructions for maintaining, preserving and keeping materials in clean and safe conditions and give adequate warning of maintenance practices or materials detrimental to specified materials. Submit manufacturer’s installation instructions.

1.4.1.2. EPDs: When available, submit Product-specific Type III EPD or industry-wide (generic) EPD conforming to ISO 14025, ISO 21930 or other recognized environmental Product declaration framework demonstrating carbon impact of materials using life cycle analysis methods.

1.4.1.3. HPDs: When available, submit documentation demonstrating chemical inventory of materials to at least 0.1% (1000 ppm) and conforming to 1 of following standards:

1.4.1.3.1. Health Product Declaration open Standard.

1.4.1.3.2. Cradle to Cradle v2 Basic level.

1.4.1.3.3. Cradle to Cradle v3 Bronze level.

1.4.1.3.4. Or other recognized material ingredient framework.

1.4.2. Shop Drawings: Submit Shop Drawings indicating materials, details and accessories in accordance with Section 01 30 00 including a layout diagram indicating location of each panel and joining method.

1.4.3. Samples: Submit samples in accordance with Section 01 30 00. Submit following samples in sizes indicated:

1.4.3.1. hygienic vinyl wall panel material 300 mm (12") square.

1.5. CLOSEOUT SUBMITTALS

1.5.1. Operation and Maintenance Data: Submit maintenance instructions in accordance with Section 01 70 00.

1.6. MAINTENANCE MATERIAL SUBMITTALS

1.6.1. Extra Stock Materials: Supply 5% from same production run as installed. Execute Section 00 65 37.

1.7. QUALITY ASSURANCE

1.7.1. Qualifications:

1.7.1.1. Installers: Provide work of this Section executed by competent installers with minimum 5 years' experience in the application of Products, systems and assemblies specified and with approval and training of the Product manufacturers.

1.7.2. Mock-Ups: Construct minimum 10 m^2 (100 sq ft) mock-up sample at Project location designated by Consultant for review. Once reviewed with no objections recorded, sample remains part of finished work and used as a quality reference standard for balance of Project.

1.8. DELIVERY, STORAGE AND HANDLING

1.8.1. Storage and Handling Requirements:

1.8.1.1. Stack panels on a solid flat surface and precondition for 8 hours in temperatures and humidity conditions approximating operating environment of finished room.

1.8.1.2. Store adhesives, sealants and accessories in an area with minimum temperatures of 18 deg C (60 deg F) and maximum 26 deg C (80 deg F) for a minimum 48 hours prior to installation.

1.9. SITE CONDITIONS

1.9.1. Ambient Conditions:

1.9.1.1. Maintain temperature between 18 deg C to 26 deg C (65 deg F to 80 deg F) and humidity below 80% 24 hours before, during and 48 hours after installation.

1.9.1.2. Ensure electrical items (power outlets, etc.) are roughed-in where possible.

1.9.1.3. Remove any existing electrical equipment fixed to or in close proximity to walls and replace upon completion of installation.

1.10. WARRANTY

1.10.1. Manufacturer Warranty: Warrant work of this Section for period of 10 years against defects and/or deficiencies in accordance with General Conditions of the Contract. Promptly correct any defects or deficiencies which become apparent within warranty period, to satisfaction of Consultant and at no expense to Owner. Defects include but are not limited to; buckling, opening of seams and bond failure.

PART 2 - PRODUCTS

2.1. MANUFACTURERS

2.1.1. Manufacturer List: Products of following manufacturers are permitted subject to conformance to requirements of Drawings, Schedules and Specifications:

2.1.1.1. Altro Canada Inc.; www.altrofloors.com

2.1.1.2. Bioclad Ltd.; www.bioclad.com

2.1.2. Substitution Limitations: Comparable Products from other manufacturers not listed herein may be reviewed provided they meet requirements of this Specification.

2.2. MATERIALS

2.2.1. Performance/Design Criteria:

2.2.1.1. Carbon Impact Design: Preference will be given to those manufacturers who have provided EPDs outlining their programs for reducing their Operational and Embodied Carbon footprints as specified herein.

2.2.1.2. Material Ingredient Disclosure: Preference will be given to those manufacturers who have provided HPDs or similar documentation identifying their Product chemical content as specified herein.

2.2.2. Hygienic Vinyl Wall Panels: Supply 2.5 mm (0.10") thick x 1220 mm (48”) extruded vinyl sheet having a maximum working temperature of 60 deg C (140 deg F), “Whiterock Satins” by Altro Canada Inc. or “BioClad® Antimicrobial PVC Wall Cladding” by Bioclad Ltd. in colour selected by Consultant from manufacturer’s full colour range.

2.2.3. Vinyl Welding Rod: “Altro Weldrod” by Altro Canada Inc. or “PVC ‘H’ Trim Welded” by Bioclad Ltd.

2.2.4. Joint Strips:

2.2.4.1. 2-Part Joint Strip: “A831/25/* Colours” by Altro Canada Inc. 2500 mm (98-1/2”) long.

2.2.4.2. 2-Part Joint Strip: “A831/30/* Colours” by Altro Canada Inc. 2972 mm (118”) long.

2.2.5. Cut-Tile Transition Strips:

2.2.5.1. 2-Part Joint Strip: “G831/30/* Colours” by Altro Canada Inc. 2500 mm (98-1/2”) long.

2.2.6. Start and Edge Trim:

2.2.6.1. 2-Part Start and Edge Trim: “A833/25/* Colours” by Altro Canada Inc. 2500 mm (98-1/2”) long.

2.2.6.2. 2-Part Start and Edge Trim: “A833/30/* Colours” by Altro Canada Inc. 2972 mm (118”) long.

2.2.7. Acrylic Adhesive: For dry, climate controlled areas, use “AltroFix W49” by Altro Canada Inc., a 1-part, water-based, acrylic adhesive as recommended by manufacturer.

2.2.8. Polyurethane Adhesive: Default adhesive for most installations, suitable for wet areas, non-climate controlled areas and non-absorbent surfaces, use “AltroFix W39” by Altro Canada Inc., a 2-part resin-based polyurethane adhesive as recommended by manufacturer.

PART 3 - EXECUTION

3.1. EXAMINATION

3.1.1. Verification of Conditions: Verify actual site dimensions and location of adjacent materials prior to commencing work. Notify Consultant in writing of any conditions which would be detrimental to the installation.

3.1.2. Evaluation and Assessment: Commencement of work implies acceptance of previously completed work.

3.2. PREPARATION

3.2.1. Surface Preparation: Ensure substrate is dry, well sealed and free of dirt, loose paint, wax and grease. Glossy surfaces may require sanding or priming before installation to help promote adhesion.

3.3. INSTALLATION

3.3.1. Panel Fitting:

3.3.1.1. Mark a datum line around wall perimeters using a water level, laser or other suitable leveling device. Take measurements from this line to determine top and bottom lines for cutting purposes.

3.3.1.2. When measuring, allow for minimum 3 mm (1/8") gap at ceiling, door and window frames, pipes and any projections to accommodate for possible panel expansion. After fixing panel, seal gaps using specified sealant.

3.3.1.3. When fitting to the top of flash-coved sheet vinyl, allow for a 19 mm (3/4") gap to accommodate transition strip.

3.3.1.4. Thermoform inside corners, outside corners and specific shapes to suit contours of building.

3.3.1.5. Cut panels using power saws equipped with laminate cutting blades or by scoring with a laminate scoring knife, folding then breaking.

3.3.1.6. Bevel leading edges to receive following:

3.3.1.6.1. joint strip.

3.3.1.6.2. transition strip.

3.3.1.6.3. start and edge strip.

3.3.1.7. Strip burrs from panel edges in preparation for heat welding joints.

3.3.1.8. When fitting for heat welded joints, ensure a 1.6 mm (1/16") gap is maintained sheet to sheet.

3.3.2. Panel Fixing: Fix panels using 1 of following methods:

3.3.2.1. Adhesive Method:

3.3.2.1.1. Cut and fit sheet as required.

3.3.2.1.2. Clean back of panel using safe solvent cleaner. Avoid use of ketones, acetones or any solvents that may cause damage to panel.

3.3.2.1.3. Apply double-sided adhesive tape to top and bottom of sheet.

3.3.2.1.4. Apply adhesive tape to window and door openings where sheet has a tendency to pull away from substrate prior to adhesive cure.

3.3.2.1.5. It may be necessary to prime wall on area directly corresponding to tape position using a non-flammable contact adhesive.

3.3.2.1.6. Apply adhesive to back of sheet using recommended trowel, as indicated herein. In some cases it may be more convenient to apply adhesive to substrate.

3.3.2.1.7. Apply sheet to wall and line up any reference marks before pressing into place. Use a white rubber mallet for initial contact with adhesive tape.

3.3.2.1.8. Ensure adequate adhesive transfer by thoroughly rolling entire panel surface using a wall roller.

3.3.2.1.9. Following are recommended trowel sizes for wall surfaces:

	Surface	Example	Recommended Trowel
3.3.2.1.9.1.	Rough	Concrete Block or Brick	1/4" x 1/4" x 1/4" Square Notch
3.3.2.1.9.2.	Semi-Smooth	Painted Block	5/16" x 1/8" Square Notch
3.3.2.1.9.3.	Smooth	Gypsum Board, Plywood, Glazed Wall Tile	1/8" x 1/8" x 1/8" U Notch

3.3.2.1.10. Note: Above is only a guideline. It is responsibility of installer to ensure adequate transfer of adhesive takes place. Coverage must be minimum 80%. Consult adhesive label.

3.3.2.1.11. Surfaces must be reasonable in plane, structurally sound and tested to standard moisture requirements.

3.3.2.2. Pin Fix Method:

3.3.2.2.1. Cut and fit sheet as required.

3.3.2.2.2. Bevel all edges to receive jointing or edge strips.

3.3.2.2.3. Mark out for rivets in accordance with manufacturer’s recommended layout pattern and pre-drill using a 9 mm (3/8") drill bit.

3.3.2.2.4. Clean back of sheet with safe solvent cleaner and remove protective film from sheet face for inserting of pins.

3.3.2.2.5. Apply anti-static agent to front of sheet to prevent dust/static build-up.

3.3.2.2.6. Apply recommended adhesive to back of sheet.

3.3.2.2.7. Position sheet on wall, drill through 1 of the center holes using a 6.5 mm (5/16") masonry bit.

3.3.2.2.8. Place rivet in hole and drive home the center pin with a hammer. If the pin is hammered farther than necessary, the backup adhesive may be displaced causing a permanent depression in panel at pin area.

3.3.2.2.9. Continue in this manner, always working from center outwards.

3.3.2.3. System 2001: Contact manufacturer for information about installing System 2001.

3.3.3. Panel Jointing: There are 3 methods used for joining sheet to sheet, as follows:

3.3.3.1. Joint Strip:

3.3.3.1.1. Fit joint strip to panel edge and knock fully over until division bar rests against panel edge.

3.3.3.1.2. Place edge of next sheet snugly against front edge of the "H" section and roll sheet into adhesive.

3.3.3.1.3. Knock the "H" section back towards the second sheet leaving a 3 mm (1/8") gap on both sides of the division bar.

3.3.3.2. Silicone Sealant:

3.3.3.2.1. Use a manufacturer recommended scraper or similar tool to remove burrs from panel edge.

3.3.3.2.2. Leave a 3 mm (1/8") gap between sheets.

3.3.3.2.3. Mask both panel edges leaving gap exposed.

3.3.3.2.4. Fill gap fully with silicone sealant.

3.3.3.2.5. Smooth sealant flush to panel surface and remove tape before sealant skins over.

3.3.3.3. Heat Welding:

3.3.3.3.1. Apply double-sided adhesive tape flush to panel edges.

3.3.3.3.2. Remove burrs from panel edges.

3.3.3.3.3. Place each successive panel allowing for a 1.6 mm (1/16") gap between each panel.

3.3.3.3.4. Clean both seam area and weld rod with safe solvent cleaner; 1 that will not attack the vinyl or leave a film. For example, isopropyl alcohol.

3.3.3.3.5. Test weld on a scrap piece of material before proceeding. Proceed only when temperature and speed have been satisfied.

3.3.3.3.6. Weld may be trimmed flush when semi-cooled using the round part of the trimming spatula.

3.3.4. Jointing Sheet to Coved Vinyl Flooring: Panels can be joined to coved sheet vinyl flooring using 1 of following 2 methods:

3.3.4.1. High Impact Transition Strip:

3.3.4.1.1. When using transition strip, vertical joint strip should stop 9 mm (3/8") short of the bottom of the sheet.

3.3.4.1.2. Cut away back of joint strip.

3.3.4.1.3. Install transition strip when panels have been installed.

3.3.4.1.4. Apply a bead of clear silicone sealant between flooring material and bottom edge of transition strip.

3.3.4.1.5. In order to follow the thermoformed internal and external corners notch the transition strip. Remove 19 mm (3/4") from each side of the corner.

3.3.4.2. Overlapping:

3.3.4.2.1. Extend panel down a minimum of 25 mm (1") past top of flooring material.

3.3.4.2.2. Use extra adhesive to fill gap.

3.3.4.2.3. Apply a bead of recommended sealant along bottom edge of panel.

3.3.5. Finishing Edges: Panel edges may be finished using 1 of following methods:

3.3.5.1. Start and Edge Trim.

3.3.5.2. Heavy Duty Edge Trim.

3.3.5.3. A bead of recommended sealant.

3.4. SITE QUALITY CONTROL

3.4.1. Non-Conforming Work: Replace damaged work which cannot be satisfactorily repaired, restored or cleaned, to satisfaction of Consultant at no cost to Owner.

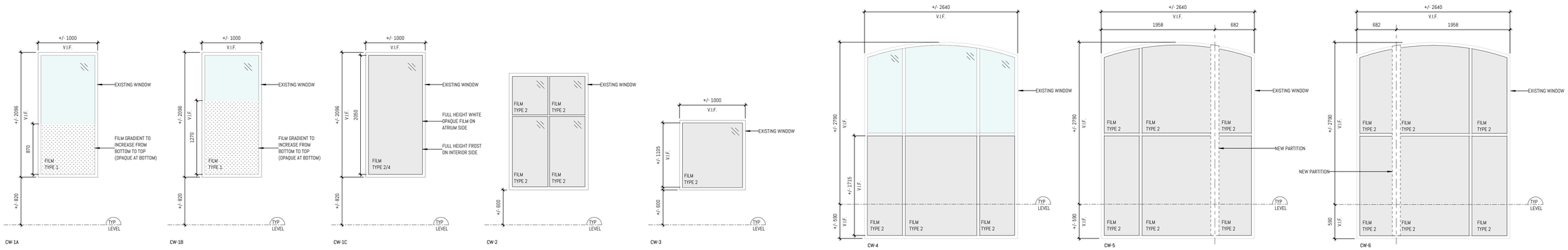
3.5. CLEANING

3.5.1. Clean adjacent surfaces, which have been soiled or otherwise marred, to completely remove evidence of material causing same.

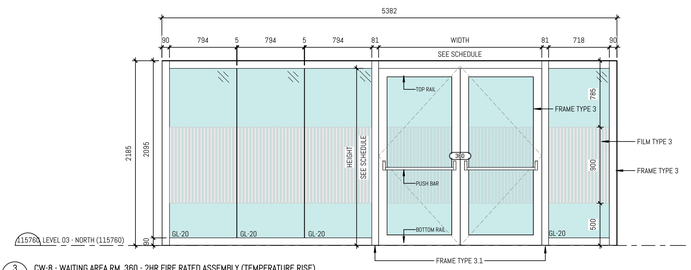
3.5.2. Initial Cleaning: Upon removing protective film from panels, clean with an anti-static solution.

3.5.3. Regular Maintenance: Hygienic wall and ceiling panels can be readily cleaned by washing with generous amounts of water or a diluted neutral soap/detergent solution. Latter having added advantage of making panel surface temporarily anti-static. To reduce buildup of static, cleaning panels with an anti-static solution is recommended. Some cleaning agents may adversely affect panels. Only use manufacturer approved Products. Do not use materials containing abrasives or solvents. Although recommended maximum continuous working temperature of hygienic wall and ceiling panels is 60 deg C (140 deg F), panels may be pressure cleaned for sterilization purposes.

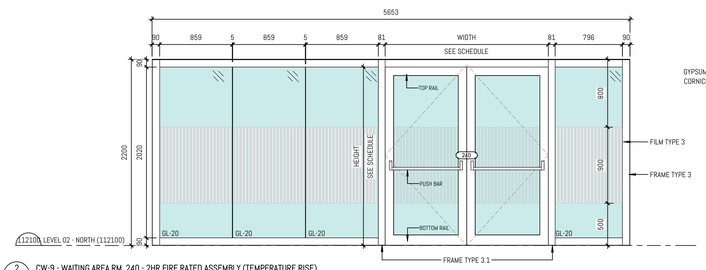
END OF SECTION



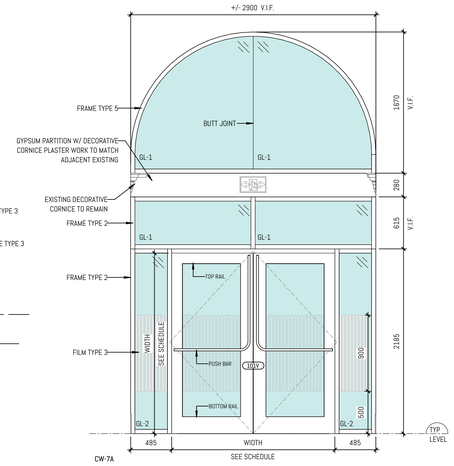
NEW WORK - FILM ON EXISTING GLAZING SCHEDULE
1 : 25



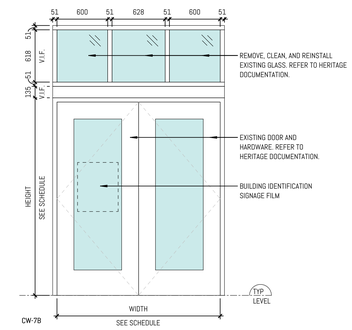
3 A008 CW-8 - WAITING AREA RM. 360 - 2HR FIRE RATED ASSEMBLY (TEMPERATURE RISE)
1 : 25 Ref. 3/ A704



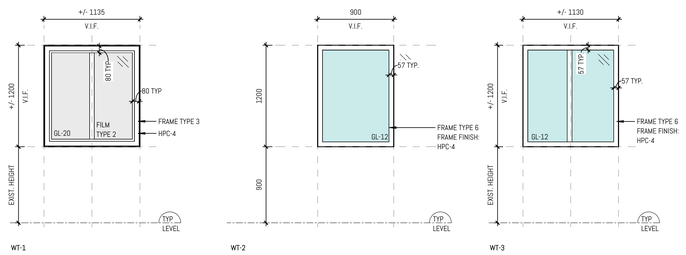
2 A008 CW-9 - WAITING AREA RM. 240 - 2HR FIRE RATED ASSEMBLY (TEMPERATURE RISE)
1 : 25 Ref. 2/ A213



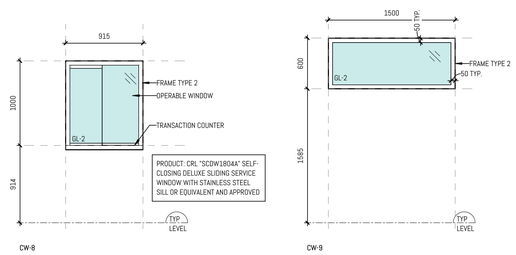
1 A008 INTERIOR ELEVATION - NEW ALUM DOOR + SCREEN
1 : 25 Ref. 1/ A211



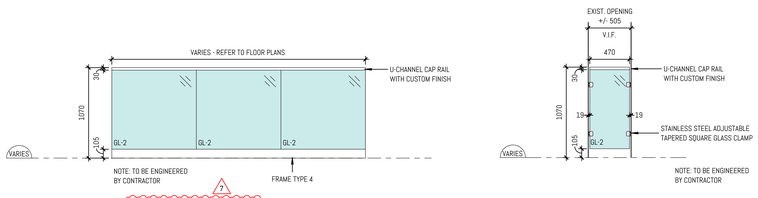
5 A008 EXTERIOR ELEVATION - EXISTING HERITAGE ENTRANCE DOOR AND UPPER LIGHT
1 : 25



NEW WORK- EXTERIOR WINDOW SCHEDULE
1 : 25

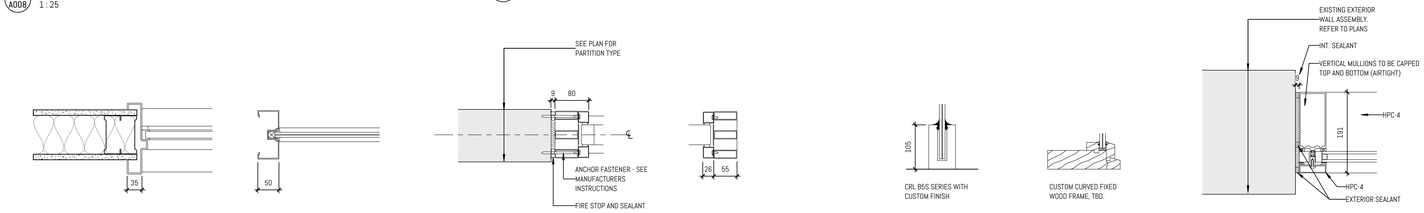


NEW WORK - INTERIOR SCREEN SCHEDULE
1 : 25



4 A008 GLASS GUARD - LOUNGE 307, OFFICE 320, OFFICE 322, OFFICE 324 - BOOKSTORE WINDOWS
1 : 25

5 A008 GLASS GUARD - LOUNGE 307 - ATRIUM WINDOWS
1 : 25



NEW WORK- INTERIOR FRAME TYPES
1 : 5

GLAZING NOTES:

1. CONTRACTOR TO SITE VERIFY DIMENSIONS FOR ALL GLAZING SYSTEMS.
2. UNLESS OTHERWISE NOTED, ALL GLAZING DIMENSIONS ARE MEASURED TO ROUGH OPENING.

DOOR ACOUSTIC REQUIREMENTS:
1. DOOR IN STC RATED PARTITIONS REQUIRED ARE TO ACHIEVE A MINIMUM STC-35.
2. DOOR PANELS ARE TO BE SOLID CORE WOOD WITH A MIN. DENSITY OF 20 KG/M
3. PROVIDE PERIMETER SEALS (PEMKO S88 PERIMETER SEAL OR APPROVED EQUIVALENT)
4. PROVIDE AUTOMATIC DOOR BOTTOMS (PEMKO 411 RL or 412 RL. OR APPROVED EQUIVILANT)
5. PROVIDE ASTRAGAL SUCH AS THE PEMKO 303 S IN DOUBLE DOORS REQUIRING ACOUSTIC PERFORMANCE
6. PROVIDE MIN. 2 X 6.25MM LAMINATED SAFETY GLASS OR 9.5MM (3/8") TEMPERED TO ACHIEVE A MINIMUM STC-35 FOR DOOR LITES

GLAZED SCREEN ACOUSTIC REQUIREMENTS
1. GLAZED SCREENS IN STC RATED PARTITIONS REQUIRED ARE TO ACHIEVE A MINIMUM STC-35.
2. PROVIDE MIN. 2 X 6.25MM LAMINATED SAFETY GLASS OR 9.5MM (3/8") TEMPERED TO ACHIEVE A MINIMUM STC-35.

GLAZING IN DOORS & SIDELIGHTS
1. REFER TO GLAZING SCHEDULE ON A008 FOR GLAZING TYPES.

GLAZING SCHEDULE

GL-1: 13mm LAMINATED (FRAMED GLAZING)
A. LITE #1
6mm LOW IRON, TEMPERED
B. 1.52mm PVB INTERLAYER
C. LITE #2
6mm LOW IRON, TEMPERED

GL-2: 6mm CLEAR TEMPERED

GL-3: 9.5mm (3/8") CLEAR TEMPERED

GL-10: TRIPLE GLAZED SPANDREL UNIT - EXTERIOR CURTAIN WALL
A. LITE #1 (OUTER)
6mm LOW IRON, HEAT STRENGTHENED
- LOW-E COATING ON SURFACE #2
B. 12.7mm ARGON FILLED CAVITY
C. LITE #2 (MIDDLE)
6mm LOW IRON, TEMPERED
D. 12.7mm ARGON FILLED CAVITY
E. LITE #3 (INNER)
6mm LOW IRON, TEMPERED
- FACTORY BACKPAINT ON SURFACE #6 (COLOUR TBD)

GL-11: TRIPLE GLAZED UNIT - EXTERIOR CURTAIN WALL
A. LITE #1 (OUTER)
6mm LOW IRON, HEAT STRENGTHENED
- LOW-E COATING ON SURFACE #2
B. 12.7mm ARGON FILLED CAVITY
C. LITE #2 (MIDDLE)
6mm LOW IRON, TEMPERED
D. 12.7mm ARGON FILLED CAVITY
E. LITE #3 (INNER)
6mm LOW IRON, TEMPERED

GL-12: DOUBLE GLAZED - PUNCHED WINDOWS
A. LITE #1 (OUTER)
6mm LOW IRON, HEAT STRENGTHENED
- LOW-E COATING ON SURFACE #2
B. 12.7mm ARGON FILLED CAVITY
C. LITE #2 (INNER)
6mm LOW IRON, TEMPERED

GL-13: (LAMINATED GUARDS + INTERIOR CURTAIN WALL)
A. LITE #1 (OUTER)
6mm LOW IRON, TEMPERED
B. 1.52mm SGP INTERLAYER (SENTRYGLAS INTERLAYER)
C. LITE #2 (INNER)
6mm LOW IRON, TEMPERED

GL-20:
A. CERAMIC FIRE RATED GLAZING SYSTEM TO PROVIDE 2HR FRR. FRAME SYSTEM TO SUIT PERFORMANCE REQUIREMENTS. COLOUR TO BE SELECTED FROM MANUFACTURER'S STANDARD RANGE

GL-21:
CERAMIC FIRE RATED GLAZING TO PROVIDE INDICATED RATING

HIGH PERFORMANCE COATING SCHEDULE

HPC-1	HIGH PERFORMANCE COATING	COLOUR FINISH: "LIGHT BRONZE" ANODIZED
HPC-2	HIGH PERFORMANCE COATING	COLOUR FINISH: "LIGHT BRONZE" ANODIZED
HPC-3	HIGH PERFORMANCE COATING	COLOUR FINISH: SOLID/KUALA WHITE
HPC-4	HIGH PERFORMANCE COATING	COLOUR FINISH: MATCH EXISTING WINDOWS
HPC-5	HIGH PERFORMANCE COATING	COLOUR FINISH: BLACK

GLASS FILMS

FILM 1: ILLUMINA SH2FGIM
FILM 2: FROSTED
FILM 3: FROSTED SLATS
FILM 4: WHITE OPAQUE

KEY PLAN :

REVISION

NO.	DATE	DESCRIPTION
1	11/01/2024	PROGRESS ISSUANCE
2	11/15/2024	BUILDING PERMIT
3	12/13/2024	P&S REVIEW
4	01/26/2025	PEER REVIEW
5	01/31/2025	ISSUED FOR BID
6	03/20/2025	BID ADDENDUM #3
7	03/28/2025	BID ADDENDUM #5

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SEAL :

OWNER :
UNIVERSITY OF TORONTO

PROJECT :
UNIVERSITY OF TORONTO HEALTH & WELLNESS CENTRE AT KOFFLER RENOVATION

214 College Street, Toronto, ON M5T 3A1

SHEET CONTENTS :
SCHEDULES - GLAZING

PROJECT NUMBER : 23-011 (P143-19-100)
DRAWING SCALE : AS SHOWN

DRAWN BY :	CHECKED BY :	DATE:
NE	AF	2025-01-31

SHEET NO : A008
REV : 7

ROOM FINISHES SCHEDULE

Schedule Level	Number	Name	FLOORS: Floor Finish	FLOORS: Base Finish	WALLS: Wall Material	WALLS: Wall Finish	CEILINGS: Ceiling Material	CEILINGS: Ceiling Finish	Comments
LEVEL 01									
LEVEL 01	100V	VESTIBULE	PCT-2	EXIST / PCT-3	EXIST	PT-1	EXIST	PT-3	
LEVEL 01	101V	LOBBY	CPT-1	EXIST / PCT-3	EXIST	PT-1	EXIST	PT-3	REPLACE EXISTING CPT TO MATCH
LEVEL 01	106	WAITING AREA	RF-1	VIN-1 / WD-3	GWB	WP-2 / PT-1 / PCT-4 7	GWB / ACT-5 / CP-4	CP-2 / PT-3	ALL ELEMENTS (SLAB, DUCTS, ETC.) ABOVE WOOD CEILING TO BE PAINTED BLACK
LEVEL 01	106V	ELEV. ACCESS	RF-1	VIN-1	GWB	PT-1 / PCT-4	GWB	PT-3	
LEVEL 01	107	RECEPTION/REGISTRATION	RF-1	VIN-1	GWB	PT-1 / WP-2	ACT-1 / GWB / ACT-5	CP-2 / PT-3	
LEVEL 01	107A	COPY	RF-1	VIN-1	GWB	PT-1	ACT-2	-	
LEVEL 01	107B	ELEC.	RF-1	VIN-1	GWB	PT-1	ACT-2	-	
LEVEL 01	112	MEDIUM M.P. ROOM / SMUDGING	LVT-1	VIN-1	GWB	WP-1 / PT-1	CP-2 / GWB	PT-3	
LEVEL 01	113	COMP. CARE OFFICE / SAFE QUIET ROOM	LVT-1	VIN-1 / WD-3	GWB	PT-1 / WP-3	GWB	PT-3	
LEVEL 01	114	LARGE M.P. ROOM	LVT-1	VIN-1	GWB	WP-1 / PT-1	ACT-1 / GWB	PT-3	
LEVEL 01	115	WORK ROOM	LVT-1	VIN-1 / WD-3	GWB	PT-1 / WP-3	ACT-3 / GWB	PT-3	
LEVEL 01	115K	CORRIDOR	RF-1	VIN-1	GWB	PT-1	ACT-5 / GWB	PT-3	
LEVEL 01	115V	VEST.	RF-1	VIN-1	GWB	PT-1	GWB	PT-3	
LEVEL 01	118	BF WC/NURSING	RF-1	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 01	118A	WC	RF-1	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 01	119	KITCHEN	LVT-1	VIN-1	GWB	PT-1 / PCT-5	GWB	PT-3	
LEVEL 01	120S	STAIRS	PCT-1	VIN-1	EXIST / GWB	PT-1	GWB	PT-3	REPLACE FLOOR AND STAIR FINISH
LEVEL 01	120V	VEST.	RF-1	VIN-1	EXIST / GWB	PT-1	ACT-2A	-	
LEVEL 01	122	I.T. CLOSET	RF-3	VIN-1	GWB	PT-1	EXIST	-	ANTI-STATIC FLOOR FINISH
LEVEL 01	122V	STAFF ACCESS	RF-1	VIN-1	EXIST / GWB	PT-1	GWB	PT-3	
LEVEL 01	124	CLOSET	LVT-1	VIN-1	GWB	PT-1	GWB	PT-3	
LEVEL 01	125	WORK AREA	LVT-1	VIN-1	GWB	PT-1	ACT-2A / GWB	PT-3	
LEVEL 01	126	STORAGE	RF-1	VIN-1	GWB	PT-1	GWB	PT-3	
LEVEL 01	126A	WC	RF-1	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 01	126B	ELEC.	RF-1	VIN-1	GWB	PT-1	ACT-2	-	
LEVEL 01	130	CUSTODIAL	EPO-1	INTEGRAL COVE	GWB	PT-1	GWB	PT-3	BACKSPLASH TO BE PROVIDED BEHIND MOP SINK
LEVEL 01	131B	CUSTODIAL	EPO-1	INTEGRAL COVE	GWB	PT-1	EXIST / GWB	PT-3	BACKSPLASH TO BE PROVIDED BEHIND MOP SINK
LEVEL 01	131K	CORRIDOR	EXIST	EXIST / VIN-1	EXIST / GWB	PT-1	EXIST	-	
LEVEL 01	132K	CORRIDOR	EXIST	EXIST / VIN-1	EXIST / GWB	PT-1	EXIST	-	PAINT ALL GWB UP TO THE LINE OF THE EXIST. BRICK
LEVEL 02									
LEVEL 02	202	OFFICE	LVT-1	VIN-1	EXIST	PT-1	EXIST	PT-3	
LEVEL 02	202A	OFFICE	LVT-1	VIN-1	EXIST	PT-1	EXIST	PT-3	
LEVEL 02	202B	OFFICE	LVT-1	VIN-1	EXIST	PT-1	EXIST	PT-3	
LEVEL 02	202C	OFFICE	LVT-1	VIN-1	EXIST	PT-1	EXIST	PT-3	
LEVEL 02	202D	OFFICE	LVT-1	VIN-1	EXIST	PT-1	EXIST	PT-3	
LEVEL 02	202K	EX. CORRIDOR	LVT-1	VIN-1	EXIST	PT-1	EXIST	PT-3	
LEVEL 02	202W	WR	RF-1	VIN-1	EXIST	PT-1 / EXIST CT	EXIST	PT-3	
LEVEL 02	230K	CORRIDOR	RF-1	VIN-1/WD-3	EXIST	PT-1 / WV-1	EXIST	CP-2 / PT-3	
LEVEL 02	231	MULTI-PURPOSE ROOM #1 / SMUDGING	RF-2	WD-3 / VIN-1	GWB	WP-1 / PT-1 / PCT-5 7	EXIST	CP-3 / PT-3	
LEVEL 02	231A	CUSTODIAL	EPO-1	VIN-1	GWB	PT-1	GWB	PT-3	
LEVEL 02	231B	ELEC.	RF-1	VIN-1	GWB	PT-1	ACT-3B	-	
LEVEL 02	233	MULTI-PURPOSE ROOM #2	RF-2	WD-3 / VIN-1	GWB	WP-1 / PT-1	EXIST	CP-3 / PT-3	
LEVEL 02	233A	SECURITY	RF-1	VIN-1	GWB	PT-1	ACT-3B	-	
LEVEL 02	235	MULTI-PURPOSE ROOM #3	RF-2	WD-3 / VIN-1	GWB	WP-1 / PT-1	EXIST	CP-3 / PT-3	
LEVEL 02	236	STORAGE	RF-1	VIN-1	GWB	PT-1	ACT-3B	-	
LEVEL 02	237	LOUNGE	RF-1	WD-3 / VIN-1	GWB	~~PT-1 / WD-3 / WD-1 / PCT-4 / PCT-5~~ 7	EXIST / GWB	PT-3	
LEVEL 02	237A	UNI. WC	RF-1	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 02	237B	BF WC	RF-1	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 02	237C	WC	RF-1	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 02	237V	ELEV. ACCESS	RF-1	VIN-1	GWB	PT-1 / PCT-4 7	GWB	PT-3	
LEVEL 02	238	I.T. CL.	RF-3	VIN-1	GWB	PT-1	EXIST / GWB	PT-3	ANTI-STATIC FLOOR FINISH
LEVEL 02	240	WAITING AREA	RF-1	VIN-1	GWB	PT-1 / PCT-4 7	GWB	PT-3	
LEVEL 02	240K	LOBBY	PCT-2	PCT-2	EXIST	PT-1	EXIST	PT-3	
LEVEL 02	240V	ELEVATOR ACCESS	RF-1	VIN-1	GWB	PT-1 / PCT-4 7	GWB	PT-3	
LEVEL 02	241	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	242	RECEPTION	RF-1	VIN-1	GWB	PT-1	ACT-3	-	
LEVEL 02	243	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	244	OFFICE	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	245	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	245K	PUBLIC CORRIDOR	RF-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	246	COMP. CARE/MED. COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	247	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	-	
LEVEL 02	248	COMP. CARE/MED. COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	249	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	250	CUST.	EPO-1	INTEGRAL COVE	GWB	PT-1	ACT-3	PT-3	BACKSPLASH TO BE PROVIDED BEHIND MOP SINK
LEVEL 02	251	BF W/C	RF-1	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 02	253	MEETING ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1 / WP-2	ACT-3 / GWB	PT-3	
LEVEL 02	255	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	257	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	258	SCALE	RF-1	VIN-1	GWB	PT-1	GWB	PT-3	252
LEVEL 02	259	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	260	LG. COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3	PT-3	258
LEVEL 02	261	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	262	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	263	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	264	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	265	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	266	FLEX SPACE	RF-2	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	267	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	268	FLEX SPACE	RF-2	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	269	COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	270	FLEX SPACE	RF-2	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	271	DIRECTOR OFFICE/LG. COUNS. ROOM	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	272	FLEX SPACE	RF-2	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	273	OFFICE	LVT-1	VIN-1	GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 02	274	ELEC.	RF-1	VIN-1	GWB	PT-1	GWB	PT-3	
LEVEL 02	277	I.T.	RF-3	VIN-1	GWB	PT-1	ACT-3B	-	ANTI-STATIC FLOOR FINISH
LEVEL 02	277K	STAFF CORRIDOR	RF-1/PCT-1	VIN-1	GWB	PT-1	ACT-2	-	
LEVEL 02	280	STAFF LOUNGE/KITCHENETTE	LVT-1/PCT-1	EXIST / VIN-1	EXIST / GWB	PT-1 / PCT-5 7	ACT-2	-	
LEVEL 03									
LEVEL 03	301	CUST.	EPO-1	INTEGRAL COVE	EXIST / GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND MOP SINK
LEVEL 03	301V	LOBBY NO. 1	PCT-2	VIN-1	GWB	PT-1	GWB	PT-3	
LEVEL 03	303	BF WC	RF-1	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 03	304	HEALTH PROMOTION OFFICE	LVT-1	VIN-1	GWB	PT-1	ACT-2	-	
LEVEL 03	305	ELEC.	RF-1	VIN-1	GWB	PT-1	EXP	-	
LEVEL 03	305K	PUBLIC CORRIDOR	RF-1	VIN-1	EXIST / GWB	PT-1	ACT-2		
LEVEL 03	306	HEALTH PROMOTION OFFICE	LVT-1	VIN-1	GWB	PT-1	ACT-2	-	
LEVEL 03	307	LOUNGE	RF-1	VIN-1	GWB	PT-1	EXIST / GWB / ACT-3	PT-3	
LEVEL 03	307S	STAIRS	PCT-1	VIN-1	GWB	PT-1	EXIST	PT-3	
LEVEL 03	320	OFFICE	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-2	-	
LEVEL 03	320K	STAFF CORRIDOR	RF-1	VIN-1	EXIST / GWB	PT-1	ACT-2	-	
LEVEL 03	321	CALL ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-2	-	
LEVEL 03	322	OFFICE	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-2	-	
LEVEL 03	323	WORK ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-2	-	
LEVEL 03	324	OFFICE	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-2	-	
LEVEL 03	325A	ELEC.	RF-1	VIN-1	EXIST / GWB	PT-1	ACT-3	-	
LEVEL 03	325V	ELEVATOR VESTIBULE	RF-1	VIN-1	EXIST / GWB	PT-1	ACT-3	-	
LEVEL 03	327	CUSTODIAL	EPO-1	VIN-1	EXIST / GWB	PT-1	ACT-3	-	
LEVEL 03	340	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	340K	CORRIDOR	RF-1	VIN-1	GWB	PT-1	GWB	PT-3	
LEVEL 03	341	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	342	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	343	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	344	SUB-WAITING AREA	RF-1	VIN-1	EXIST / GWB	PT-1	GWB	PT-3	
LEVEL 03	345	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	346	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	347	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	348	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	349	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	350	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	351	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	352	SUB-WAITING AREA	RF-1	VIN-1	EXIST / GWB	PT-1	GWB	PT-3	
LEVEL 03	353	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	354	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	355	COMP. CARE/SMUDGING	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	356	COUNS. ROOM	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-3 / GWB	PT-3	
LEVEL 03	357	SUB-WAITING AREA	RF-1	VIN-1	GWB	PT-1 / PCT-4 / WP-3	GWB	PT-3	
LEVEL 03	357K	EXIT CORRIDOR	RF-1	VIN-1	EXIST / GWB	PT-1	GWB	PT-3	
LEVEL 03	357S	STAIRS	PCT-1	VIN-1	GWB	PCT-4 / PT-1	GWB	PT-3	
LEVEL 03	357V	ELEV. ACCESS	RF-1	-	GWB	PCT-4	GWB	PT-3	
LEVEL 03	358	WC	RF-1	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 03	360	WAITING AREA	RF-1	VIN-1	EXIST / GWB	PT-1 / PCT-4	GWB	PT-3	
LEVEL 03	360V	LOBBY	PCT-2	EXIST / VIN-1	EXIST / GWB	PT-1	EXIST/ GWB	PT-3	
LEVEL 03	360V	ELEVATOR ACCESS	RF-1	-	EXIST / GWB	PCT-4	GWB	PT-3	
LEVEL 03	363	RECEPTION	RF-1	VIN-1	GWB	PT-1	ACT-3	-	
LEVEL 03	364	BF EXAM RM.	RF-2	VIN-1	EXIST / GWB	PT-1	ACT-3	-	
LEVEL 03	365	CENTRAL SUPPLY	RF-2	VIN-1	GWB	PT-1	ACT-3	-	
LEVEL 03	365K	STAFF ACCESS	RF-1	VIN-1	EXIST / GWB	PT-1	ACT-3	-	
LEVEL 03	366	EXAM ROOM	RF-2	VIN-1	EXIST / GWB	PT-1	ACT-3	-	
LEVEL 03	367	MEDICATION	RF-2	VIN-1	GWB	PT-1 / PCT-5	ACT-3	-	
LEVEL 03	368	EXAM ROOM	RF-2	VIN-1	EXIST / GWB	PT-1	ACT-3	-	
LEVEL 03	369	AUTOCLAVE/SOILED	RF-2	VIN-1	GWB	PT-1 / PCT-5	ACT-3	-	
LEVEL 03	370	EXAM RM./ISOLATION	RF-2	VIN-1	EXIST / GWB	PT-1	ACT-3	-	
LEVEL 03	371	WC/SAMPLES	RF-2	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 03	372	ELEC.	RF-1	VIN-1	GWB	PT-1	GWB	PT-3	

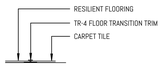
ROOM FINISHES SCHEDULE

Schedule Level	Number	Name	FLOORS: Floor Finish	FLOORS: Base Finish	WALLS: Wall Material	WALLS: Wall Finish	CEILINGS: Ceiling Material	CEILINGS: Ceiling Finish	Comments
LEVEL 03	374	MEETING ROOM	LVT-1	VIN-1	GWB	PT-1 / WP-2	ACT-3	-	
LEVEL 03	376	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	378	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	379	NURSING STATIONS	RF-1	VIN-1	EXIST / GWB	PT-1	ACT-3	-	
LEVEL 03	380	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	381	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	382	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	383	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	384	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	385	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	386	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	387	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	388	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	389	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	390	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	391	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	392	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	393	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	395	EXAM ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	BACKSPLASH TO BE PROVIDED BEHIND SINK
LEVEL 03	396	MINOR PROC./COL. ROOM	RF-2	VIN-1	GWB	PT-1	ACT-3	-	384
LEVEL 03	397K	CORRIDOR	RF-1	VIN-1	EXIST / GWB	PT-1 7	EXP	-	PAINT ALL EXISTING TRUSSES, UNDERSIDE OF ROOF, AND ALL CONDUIT, PIPING AND DUCTWORK PT-5
LEVEL 03	398	MEETING/LUNCH	LVT-1	VIN-1	GWB	PT-1 / PCT-5	ACT-2A / GWB	PT-3	
LEVEL 03	399	LOCKERS	LVT-1	VIN-1	EXIST / GWB	PT-1	ACT-2A	-	
LEVEL 03	399A	BF WC & SHOWER	RF-5	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 03	399B	WC	RF-2	INTEGRAL COVE	GWB	PT-1 / CT-1	GWB	PT-3	
LEVEL 03	399C	CUST.	EPO-1	INTEGRAL COVE	GWB	PT-1	EXIST	EXIST	
LEVEL 03	399D	ELEC.	RF-2	VIN-1	GWB	PT-1	EXIST	EXIST	
LEVEL 03	399E	I.T.	RF-3	VIN-1	GWB	PT-1	EXIST	EXIST	ANTI-STATIC FLOOR FINISH

ADDITIONAL NOTES:

1. REFER TO SPECIFICATIONS FOR *MATERIAL AND FINISH SCHEDULE* AND FOR MATERIAL INFORMATION

1 / A013 RESILIENT FLOORING TO TILE TRANSITION
1 : 5



2 / A013 RESILIENT FLOORING TO CARPET TILE TRANSITION
1 : 5 Ref. 10/ A600

KEY PLAN :

REVISION

NO.	DATE	DESCRIPTION
1	11/01/2024	PROGRESS ISSUANCE
2	11/15/2024	BUILDING PERMIT
3	12/13/2024	P&S REVIEW
4	01/26/2025	PEER REVIEW
5	01/31/2025	ISSUED FOR BID
6	03/20/2025	BID ADDENDUM #3
7	03/28/2025	BID ADDENDUM #5

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SEAL :

OWNER:
UNIVERSITY OF TORONTO

PROJECT :
UNIVERSITY OF TORONTO
HEALTH & WELLNESS CENTRE
AT KOFFLER RENOVATION

214 College Street, Toronto,
ON M5T 3A1

SHEET CONTENTS:
SCHEDULES - ROOM FINISHES

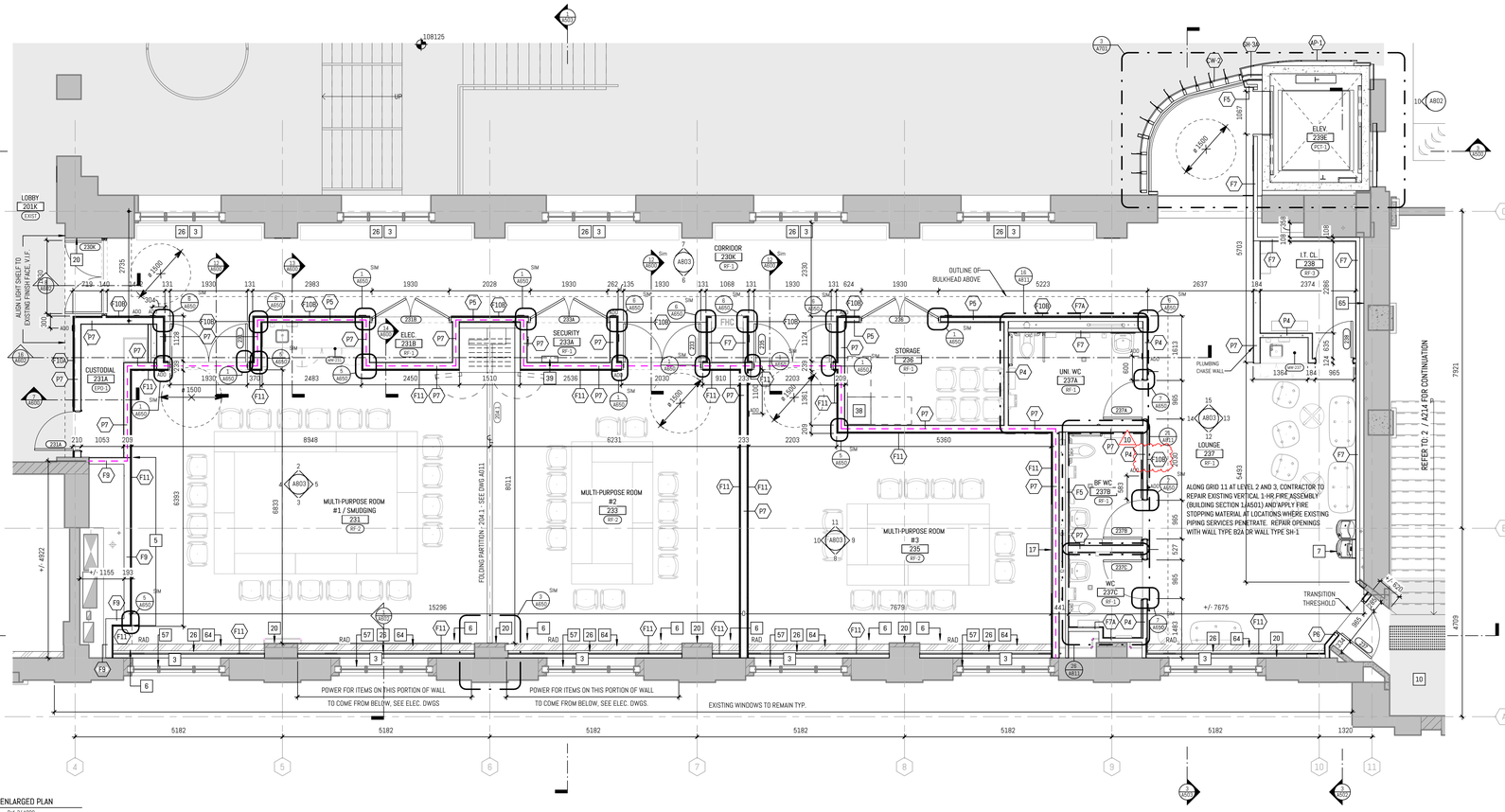
PROJECT NUMBER :
23-011 (P143-19-100)

DRAWING SCALE :
AS SHOWN

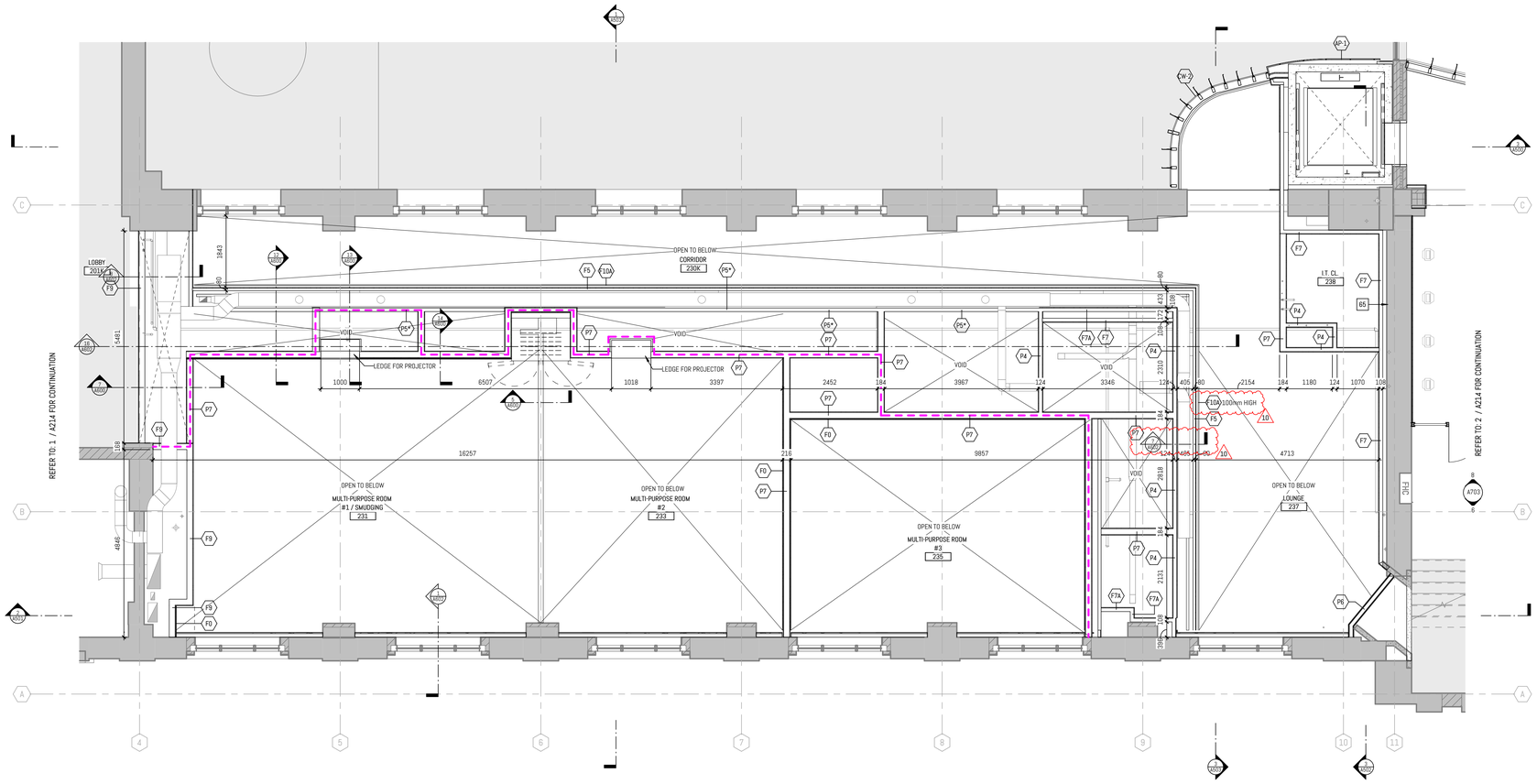
DRAWN BY :	CHECKED BY :	DATE:
NE	AF	2025-01-31

SHEET NO : A013

REV : 7



3 / A213 LEVEL 02 - EAST - ENLARGED PLAN
1 : 50
Ref: 2/ A209



2 / A213 LEVEL 02 - EAST - ENLARGED PLAN - UPPER (+ 2490MM AFFL)
1 : 50
Ref: 2/ A209

NEW WORK - ENLARGED PLAN NOTES

NOTE	DESCRIPTION
1	PROVIDE NEW FLOORING AND BASE THROUGHOUT ROOM OR TO EXTEND SHOWN ON PLAN TO MATCH EXISTING
2	WHEELCHAIR AND MOBILITY SCOOTER WAITING SPACES. DESIGNATED CLEAR SPACE TO BE NO LESS THAN 760mm (30") BY 1370mm (54").
3	REMOVE ALL EXISTING FILM. REPAINT EXISTING WOOD DOOR AND WINDOW FRAMES, SILLS AND CASING
4	NEW SLAB INFILL. REFER TO STRUTURAL.
5	2-HR FIRE RATED ACCESS DOOR FOR MECH. COORDINATE LOCATION WITH MECH ON SITE. SEE INT. ELEVATIONS, SEE MECH.
6	305MM x 305MM RECESSED ACCESS DOOR TO RECEIVE WP-1. COORDINATE LOCATION WITH MECH ON SITE. SEE INT. ELEVATIONS FOR LOCATION. SEE MECH.
7	DRINKING FOUNTAIN. SEE MECH.
8	NEW RADIATOR COVER ON EXISTING RADIANT FIN TUBE. COMPLETE WITH COVERS AND TRIMS TO ENCLOSE ALL PIPING AND EXTEND WALL TO WALL (WHERE APPLICABLE).
9	PAINT EXISTING GWB WALLS, CEILING & BULKHEAD THROUGHOUT ROOM OR TO EXTENT SHOWN ON PLAN. PROTECT AND MAINTAIN EXISTING GOLD CAPITALS.
10	EXISTING TRAVERTINE LANDING & STAIRS TO BE CLEANED & SEALED, REPLACE NON-SLIP STRIPS. PAINT EXISTING METAL GUARDRAILS & HANDRAILS. REFINISH EXISTING WOOD HANDRAILS. AS PER SPECIFICATIONS
11	PROVIDE NEW WALL BASE TO MATCH EXISTING ON NEW WALLS FOR FULL LENGTH OF WALL OR WHERE DAMAGED BY DEMOLITION WORK
12	INSTALL NEW WINDOW IN EXISTING WINDOW OPENING. REFER TO DEMO PLANS FOR REMOVAL OF EXISTING INFILL.
13	INSTALL NEW WINDOW IN EXISTING DOOR OPENING. PROVIDE NEW STONE SILL TO MATCH EXISTING SILLS. INFILL WITH 1900MM CMU AND RECLAIMED BRICK MASONRY ABOVE AND BELOW WINDOW TO MATCH EXISTING DEPTH, INCLUDING THE RECESSED PANEL PATTERN..
14	NEW RADIATOR WITH INTEGRATED COVER, COMPLETE WITH COVERS AND TRIMS TO ENCLOSE ALL PIPING AND EXTEND WALL TO WALL (WHERE APPLICABLE). REFER TO 7/A802.
15	INSTALL NEW WINDOW IN EXISTING MASONRY WALL. WINDOW SIZE SHOWN FOR INTENT ONLY - SIZE AND LOCATE WINDOW TO SUIT EXISTING BRICK/TILE EXTERIOR WALL FINISH PATTERN AS INDICATED ON EXTERIOR ELEVATIONS. REFER TO STRUCTURAL FOR LINTEL DETAILS.
16	REPLACE CARPET TO MATCH EXISTING.
17	<varies>
18	PATCH AND REPAIR OPENING IN BRICK MASONRY AROUND NEW BEAM ANCHORS. SEE STRUCT. RE-USE EXISTING BRICKS
20	INTEGRATE NEW INTERIOR FINISHES WITH EXIST. COLUMN FINISHES PATCH AND MAKE GOOD AS REQ'D (TYP).
21	BRICK IN EXISTING WINDOW OPENINGS WITH COLUR-MATCHING SALVAGED BRICK FROM DEMO PHASE.
22	EXISTING WINDOW OPENING TO BE INFILLED WITH MASONRY. EXISTING GLAZING TO BE COVERED WITH OPAQUE FILM (SPEC AND COLOUR TBD)
24	2HR FRR GLAZING SYSTEM
25	NEW PCT FLOOR FINISH. REFER TO ROOM FINISH SCHEDULE
26	PROVIDE NEW WALL BASE TO MATCH EXISTING PERIMETER WALL BASE TRIM
27	NEW STAINLESS STEEL HANDRAIL, 38 DIA.
28	SS. BOLLARD SEE DETAIL 1/A007
31	NEW GARBAGE BIN LOCATION
32	EXISTING THREE BICYCLE RINGS TO REMAIN
34	REINSTATE FLOOR FINISH TO MATCH EXISTING.
35	SUPPLY AND INSTALL VINYL GRAPHIC. OWNER TO PROVIDE DIGITAL FILE.
36	ACCESSIBLE COUNTER.
37	SUPPLY AND INSTALL FLOOR MOUNTED MOP SINK WITH WALL MOUNTED MOP HOLDERS AND SHELVING.
38	AV RACK. REFER TO ELEC. AND AV DOCUMENTATION.
39	ELEC. PANELS. REFER TO ELEC. DOCUMENTATION.
41	SUPPLY AND INSTALL PLYWOOD SUBSTRATE.
42	SUPPLY AND INSTALL 2-HR FIRE RATED ROLLER SHUTTER. SHUTTER CASETTE TO BE CONCEALED IN CEILING WITH RECESSED ACCESS DOORS AS REQUIRED
43	NEW HANDRAIL.
44	NEW GUARD TO BE ENGINEERED BY CONTRACTOR.
45	EXISTING SPRINKLER PROTECTED GLAZING.
46	MAKE GOOD EXISTING ROOF SYSTEM.
47	EXISTING RADIATORS ABOVE. REFER TO MECHANICAL DOCUMENTATION FOR PIPING WORKS.
49	SUPPLY AND INSTALL 1 LAYER OF 19mm FIRE RETARDANT PLYWOOD (FRTW) FASTENED TO THE TOP FLANGE OF THE C-JOISTS.
51	NEW STEEL STAIR, GUARD + HANDRAIL - ENGINEERED BY CONTRACTOR
52	TYPICAL COMMENT (GROUND FLOOR): SUPPLY AND INSTALL 16MM GWB PATCHING (INFILL) TO ALL PERIMETER WALL SURFACES WHERE EXISTING OPENINGS (HOLES) ARE OBSERVED LOCATED SOUTH OF GRID 11 UP TO THE 3000MM AFF TO ACCOMMODATE A NEW PAINT FINISH.
53	CLEAN EXISTING MASONRY COLUMN, REPAIR, REPOINT AND SUPPLY AND APPLY SEALER - TYPICAL FOR MASONRY COLUMNS
54	PREPARE (SAND AND PRIME) AND REPAINT EXISTING RADIATOR COVER.
55	SUPPLY AND INSTALL MANUAL ROLLER SHADE (INSIDE MOUNT) WITH PRE-FINISHED ALUMINUM FASCIA (COLOUR: WHITE) AND STAINLESS STEEL BALL CHAIN AND KEEPER. CONTRACTOR TO SITE MEASURE EXISTING WINDOW OPENING.
56	SUPPLY AND INSTALL 16MM GWB AT THE BASE OF THE EXISTING WALL TO CLOSE GAP, AND TO ACCOMMODATE NEW PAINT FINISH AND WALL BASE.
57	SUPPLY AND INSTALL MOTORIZED BLACKOUT ROLLER SHADES WITH PRE-FINISHED ALUMINUM FASCIA (COLOUR: WHITE). CONTRACTOR TO SITE MEASURE EXISTING WINDOW OPENING. INTEGRATE BLIND CONTROLS WITH AV SYSTEMS
58	TYPICAL NOTE FOR 2ND & 3RD LEVELS: MAKE GOOD ALL PERIMETER WALL SURFACES NORTH OF GRID 11 UP TO 2750MM A.F.F. TO ACCOMMODATE A NEW PAINT FINISH. THE SCOPE INCLUDING PATCHING (INFILL GWB) IF REQUIRED.
59	TYPICAL NOTE FOR 2ND & 3RD LEVELS: MAKE GOOD ALL PERIMETER WALL SURFACES SOUTH OF GRID 11 UP TO THE UNDERSIDE OF THE EXISTING CEILING TO ACCOMMODATE A NEW PAINT FINISH. THE SCOPE INCLUDING PATCHING (INFILL GWB) IF REQUIRED.
60	ALIGN INSIDE SURFACE OF NEW INFILL WALL ASSEMBLY WITH EXISTING WALL ASSEMBLY ABOVE. CONTRACTOR TO VERIFY DIMENSIONS OF INFILL ASSEMBLY AT SITE FOLLOWING ABATEMENT WORKS BY OTHERS.
61	EXISTING ROOF LADDER WITH SAFETY CAGE
63	NEW 4X10' FLOATING GLASS WHITEBOARD
64	NEW RADIATOR/FIN TUBE CONCEALED BEHIND FINISHES.
65	ALONG GRID 11 AT LEVELS 2 AND 3, CONTRACTOR TO REPAIR EXISTING 1HR FIRE RATED ASSEMBLY (REF. BUILDING SECTION 1/A501) AND APPLY FIRESTOPPING MATERIAL AT LOCATIONS WHERE EXISTING PIPING SERVICES PENETRATE. REPAIR OPENINGS WITH WALL TYPE B2A OR SH-1
66	SEPARATE PRICE NO. 1: TO SUPPLY AND INSTALL A WATER BASED AIR/LIQUID MOISTURE BARRIER TO THE INSIDE FACE OF THE EXISTING LEVEL 3 EXTERIOR WALL ALONG GIRD 14 BETWEEN GRIDS C AND K ("AIR SHIELD LMP" BY W. R. MEADOWS OF CANADA
67	ALTERNATIVE PRICE NO. 1: IN LIEU OF THE REMOVAL OF DECOMMISSIONED ELEVATOR AND ASSOCIATED WORKS AS INDICATED IN THE DRAWINGS AND SPECIFIED HEREIN, PROVIDE ONLY DECOMMISSIONING OF THE ELEVATOR (CUT HOIST ROPES, & PUT CAB INTO THE PIT, SEAL DOORS, HAVE TSSA DECOMMISSION) AS SPECIFIED HEREIN, INCLUDING ANY ASSOCIATED WORK SHALL BE INCLUDED
68	APPLY FIRESTOPPING TO EXISTING PENETRATIONS TO ENSURE COMPLIANT FIRE SEPARATION

GRID 11 L2 REPAIR AREAS (CONTRACTOR TO V.I.F)
1 : 25

EQUIPMENT TYPE SCHEDULE

EQ #	EXIST. EQ DESCRIPTION	TYPE COMMENT	Supply	Install
EQ-01	PATIENT EXAM BED		UofT	CONTRACTOR
EQ-02	WALL-MOUNTED INTEGRATED EQUIPMENT	SYSTEM INCLUDES: ORPHTHALMOSCOPE, OTOSCOPES, THERMOMETRY, BLOOD PRESSURE, WALL ANEROID & KLEENSPEC DISPENSER	UofT	CONTRACTOR
EQ-03	EXAM LIGHTS		UofT	CONTRACTOR
EQ-06	SPECIMEN FRIDGE		UofT	CONTRACTOR
EQ-07	PRINTER		UofT	CONTRACTOR
EQ-08	KIOSK FLOOR STAND FOR IPAD		UofT	CONTRACTOR
EQ-09	STAINLESS STEEL SPECIMEN PASS-THRU CABINET - 12x12		CONTRACTOR	CONTRACTOR

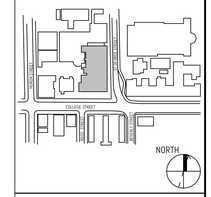
GENERAL NOTES: NEW WORK

A. MAKE GOOD ALL EXISTING WALL SURFACES DAMAGED DURING REMOVALS AND CONSTRUCTION.
B. NEW FLOOR FINISHES. REFER TO FINISH SCHEDULE
C. NEW DOOR & DOOR FRAME. REFER TO DOOR SCHEDULES
D. PAINT ALL EXISTING DOORS AND DOOR FRAMES
E. PROVIDE FIRESTOPPING TO ALL NEW FLOOR SERVICE PENETRATIONS. REFER TO MECH AND ELEC DWGS FOR LOCATIONS OF PENETRATIONS
F. PROTECT ALL EXISTING FINISHES, LANDINGS, STAIRS, HANDRAILS & GUARDRAILS DURING CONSTRUCTION
G. CLEAN AND PAINT EXISTING PIPE & MECH. DUCTS AS REQUIRED
H. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE MECHANICAL & ELECTRICAL DRAWINGS
I. WHERE DISSIMILAR COMPONENTS SUCH AS PUSH BUTTON AND KEY SWITCH ARE INTO FIRE-RATED ASSEMBLIES, ENSURE CONTINUITY OF FIRE SEPARATIONS BY BOXING IN ELEMENTS WITH GYPSUM BOARD AND FRAMING TO SUIT AUTHORITIES JURISDICTION
J. CONTRACTOR TO PATCH, REPAIR AND MAKE GOOD ALL AREAS DISTURBED BY THE OPERATION OF THE WORK AND DISTURBED BY THE WORK OF OTHER TRADES (MECH, ELECT, AV, & ETC.) MATERIALS AND FINISHES TO MATCH EXISTING UNLESS NOTED OTHERWISE
K. FILL NEW FLOOR OPENINGS WITH NON SHRINK GROUT. REFER TO MECH AND ELEC DWGS
L. NEW DRYWALL PARTITIONS AND EXISTING PARTITIONS WITHIN PROJECT C/W NEW BASE. NEW BASE TO BE ONE PIECE ON EACH SEGMENT OF WALL, BOTH SIDES OF THE WALL. WALL TO SIT DIRECTLY ON FLOOR. REFER TO FINISH SCHEDULE
M. PAINT WALLS AND BULKHEADS IN AND CORRIDORS WITHIN PROJECT SCOPE. REFER TO FINISH SCHEDULE

FLOOR PLAN LEGEND & SYMBOLS

CW	GLAZING TYPE TAG	1	NEW NOTE REFERENCE TAG
P1A	WALL TYPE TAG		NIC PRIMARY SCOPE OF WORK
P1*	WALL TYPE TAG (TO BE VIF BY CONTRACTOR)		SCOPE OF WORK
0.000	SPOT ELEVATION (PROPOSED FLOOR ELEVATION DATUM)		SHELL SPACE - FIT-OUT BY OTHERS
0.000	SPOT ELEVATION (EXISTING FLOOR ELEVATION DATUM)		MAKE GOOD EXISTING FLOOR
	EXISTING WALL TO REMAIN		EXIST. UNEXCAVATED SPACE
	NEW PARTITION	101	DOOR TAG
	NEW OR EXISTING RATED WALL TO BE MAINTAINED	EQ-01	SPECIALTY EQUIPMENT TAG
		A13	REPAIR SCOPE TAG (REFER TO A212A)

KEY PLAN :



REVISION

NO.	DATE	DESCRIPTION
1	08/20/2024	CLIENT REVIEW
2	09/30/2024	COSTING SET
3	10/04/2024	CLIENT REVIEW
4	11/01/2024	PROGRESS ISSUANCE
5	11/15/2024	BUILDING PERMIT
6	12/13/2024	P&S REVIEW
7	01/26/2025	PEER REVIEW
8	01/31/2025	ISSUED FOR BID
9	03/14/2025	BID ADDENDUM #2
10	03/28/2025	BID ADDENDUM #5

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SEAL :

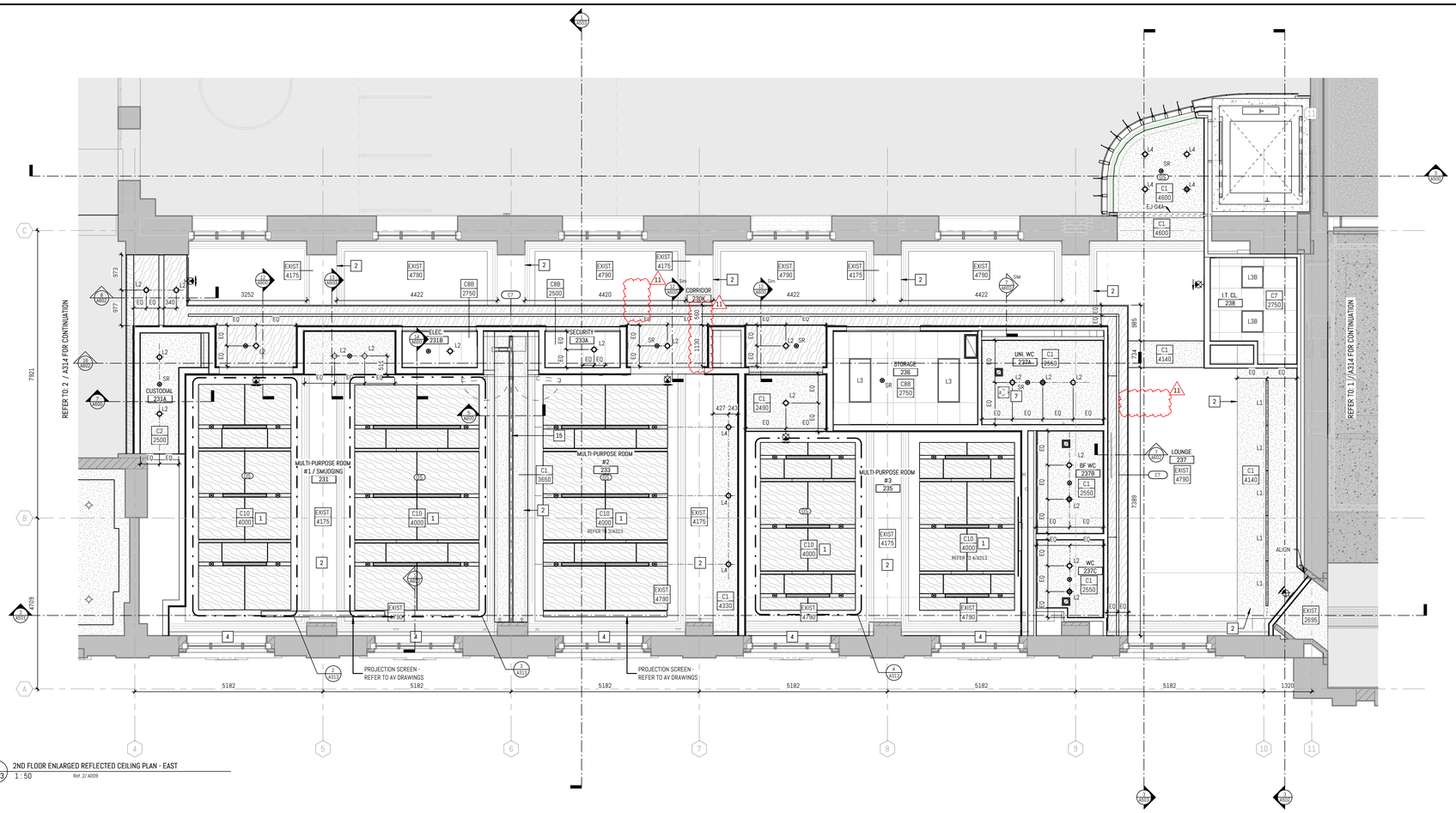
OWNER :
UNIVERSITY OF TORONTO

PROJECT :
UNIVERSITY OF TORONTO HEALTH & WELLNESS CENTRE AT KOFFLER RENOVATION

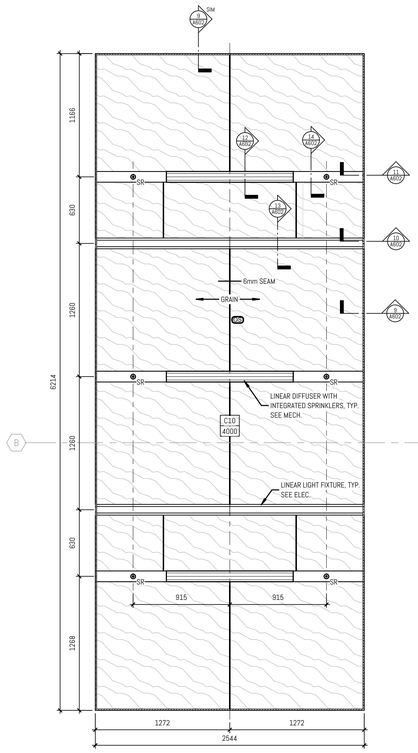
214 College Street, Toronto, ON M5T 3A1

SHEET CONTENTS :
ENLARGED 2ND FLOOR PLAN

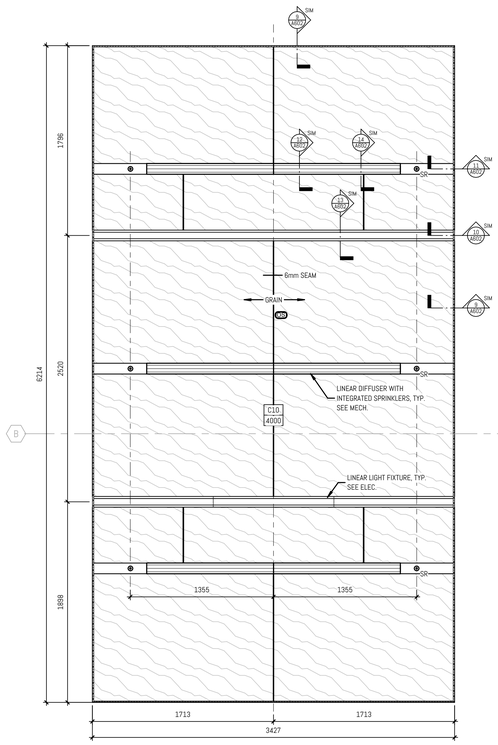
PROJECT NUMBER : 23-011 (P143-19-100)
DRAWING SCALE : 1:50
DRAWN BY : NE
CHECKED BY : AF
DATE: 2025-01-31
SHEET NO : A213
REV : 10



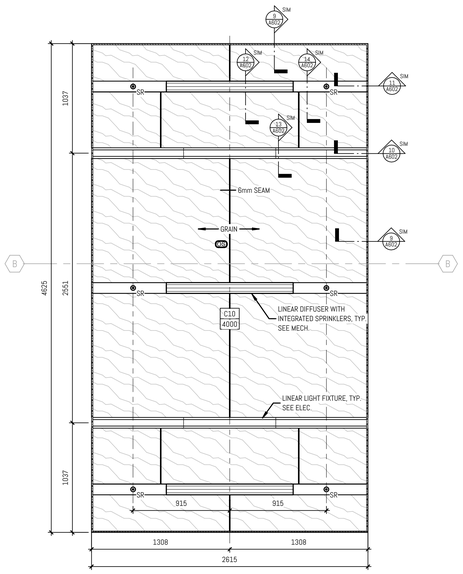
1 / A313 2ND FLOOR ENLARGED REFLECTED CEILING PLAN - EAST
1 : 50 Ref: 2/ A009



2 / A313 MULTI-PURPOSE ROOM #1 / SMUDGING - ENLARGED RCP
1 : 20 Ref: 1/ A313



3 / A313 MULTI-PURPOSE ROOM #1/2 - ENLARGED RCP
1 : 20 Ref: 1/ A313



4 / A313 2ND FLOOR ENLARGED REFLECTED CEILING PLAN - EAST - ENLARGED RCP
1 : 20 Ref: 1/ A313

NEW WORK - ENLARGED RCP NOTES

NOTE	DESCRIPTION
1	ACOUSTIC WOOD PANEL CEILING - REFER TO DETAILS.
2	PATCH AND REPAIR EXISTING PLASTER BEAM AND MOULDING. PAINT TO MATCH EXISTING.
3	PROVIDE NEW MANUAL ROLLER SHADES.
4	PROVIDE NEW MOTORIZED ROLLER SHADES. REFER TO ELECTRICAL.
6	6A-305mm x 305mm, 6B-457mm x 457mm ACCESS DOOR. COORDINATE LOCATION WITH MECHANICAL ON SITE.
7	7A-305mm x 305mm, 7B-457mm x 457mm RECESSED ACCESS DOOR TO RECEIVE GWB. COORDINATE LOCATION WITH MECHANICAL ON SITE.
8	460mm x 460mm FIRE-RATED ACCESS DOOR. COORDINATE LOCATION WITH MECHANICAL ON SITE.
9	GENERAL NOTE (ALL FLOORS): EXISTING GWB AND PLASTER CEILINGS, BULKHEADS AND PLASTER FINISHED BEAMS TO RECEIVE NEW PAINT FINISH. REFER TO FINISHES SCHEDULE.
10	GENERAL NOTE (3RD FLOOR): APPLY NEW PAINT FINISH TO ALL EXPOSED ROOF STRUCTURE. REFER TO FINISHES SCHEDULE.
11	SEE NOTE 9 EXCEPT FINISHES TO MATCH EXISTING.
12	PATCH, REPAIR AND MAKE GOOD ALL AREAS DISTURBED BY THE OPERATION OF THE WORK TO RECEIVE PAINT TO MATCH EXISTING.
14	CAMERA OVER ISLAND, CEILING MOUNTED, ALIGN WITH BOTTOM OF RANGE HOOD. REFER TO ELECTRICAL AND AV.
15	TRACK: TEMPERED ALUMINUM OR STEEL TRACK SUPPORTED BY THREADED RODS. TO BE ENGINEERED BY CONTRACTOR.
16	TYPE 1 RECIRCULATING HOOD COMPLETE WITH INTEGRAL FIRE SUPRESSION SYSTEM. ALIGN EAST SIDE OF EXHAUST TO EDGE OF MILLWORK. REFER TO MECHANICAL DRAWINGS.
17	REINSTATE GWB CEILING FINISH AND ASSOCIATED FIXTURES TO MATCH EXISTING UPON COMPLETION OF STRUCTURAL WORK. REFER TO STRUCTURAL.
18	GENERAL NOTE FOR GROUND FLOOR AND 2ND LEVEL RCP: SUPPLY AND INSTALL NEW FIRE SPRAY SYSTEM TO THE UNDERSIDE OF EXISTING SLAB AND SUPPORTING STRUCTURE - CEILING TYPE EX-F1 (SOUTH OF GRID 11) AND CEILING TYPE EX-F2 (NORTH OF GRID 11).
19	GENERAL NOTE FOR THE THIRD LEVEL RCP (NORTH OF GRID 12): SUPPLY AND INSTALL NEW PAINT FINISH TO THE STEEL ROOF STRUCTURE AND GYPSUM SHEATHING BOARD.
20	SUPPLY AND INSTALL FIRE RATED ROLLER SHUTTER. REFER TO STRUCTURE AND ELECTRICAL.
21	EXISTING SKYLIGHT
23	MAKE GOOD EXISTING GWB CEILING AND APPLY NEW PAINT FINISH.
25	STUDENT SUCCESS (RM. 150) GENERAL NOTE: CORNICE AND CEILING AREAS UNDER REPAIR TO RECEIVE NEW PAINT FINISH TO MATCH EXISTING.
26	STAIR 11 GENERAL NOTE: EXISTING CEILINGS, UNDERSIDE OF STAIR LANDINGS AND STEP RUNS, BULKHEADS AND CORNICES TO RECEIVE NEW PAINT FINISH. REFER TO FINISHES SCHEDULE.

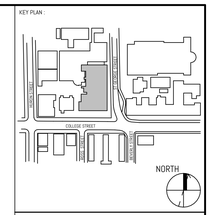
GENERAL NOTES: NEW WORK

A. MAKE GOOD ALL EXISTING WALL SURFACES DAMAGED DURING REMOVALS AND CONSTRUCTION.
B. NEW FLOOR FINISHES. REFER TO FINISH SCHEDULE
C. NEW DOOR & DOOR FRAME. REFER TO DOOR SCHEDULES
D. PAINT ALL EXISTING DOORS AND DOOR FRAMES
E. PROVIDE FIRESTOPPING TO ALL NEW FLOOR SERVICE PENETRATIONS. REFER TO MECH AND ELEC DWGS FOR LOCATIONS OF PENETRATIONS
F. PROTECT ALL EXISTING FINISHES, LANDINGS, STAIRS, HANDRAILS & GUARDRAILS DURING CONSTRUCTION
G. CLEAN AND PAINT EXISTING PIPE & MECH. DUCTS AS REQUIRED
H. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE MECHANICAL & ELECTRICAL DRAWINGS
I. WHERE DISSIMILAR COMPONENTS SUCH AS PUSH BUTTON AND KEY SWITCH ARE INTO FIRE-RATED ASSEMBLIES, ENSURE CONTINUITY OF FIRE SEPARATIONS BY BOXING IN ELEMENTS WITH GYPSUM BOARD AND FRAMING TO SUIT AUTHORITIES JURISDICTION
J. CONTRACTOR TO PATCH, REPAIR AND MAKE GOOD ALL AREAS DISTURBED BY THE OPERATION OF THE WORK AND DISTURBED BY THE WORK OF OTHER TRADES (MECH, ELECT, AV. & ETC.) MATERIALS AND FINISHES TO MATCH EXISTING UNLESS NOTED OTHERWISE
K. FILL NEW FLOOR OPENINGS WITH NON SHRINK GROUT. REFER TO MECH AND ELEC DWGS
L. NEW DRYWALL PARTITIONS AND EXISTING PARTITIONS WITHIN PROJECT C/W NEW BASE. NEW BASE TO BE ONE PIECE ON EACH SEGMENT OF WALL BOTH SIDES OF THE WALL. WALL TO SIT DIRECTLY ON FLOOR. REFER TO FINISH SCHEDULE
M. PAINT WALLS AND BULKHEADS IN AND CORRIDORS WITHIN PROJECT SCOPE. REFER TO FINISH SCHEDULE

RCP LEGEND & SYMBOLS

- C1 / 3000 — CEILING MATERIAL TYPE / CEILING HEIGHT
- NEW ACT GRID
- NEW GWB CEILING
- SR — SPRINKLER HEAD. SEE MECH. DWGS.
- POTLIGHT FIXTURES. SEE ELEC. DWGS.
- PENDANT LIGHT FIXTURES. SEE ELEC. DWGS.
- LINEAR LIGHT FIXTURES. SEE ELEC. DWGS.
- WALL-MOUNTED EXIT SIGN
- CEILING MOUNTED EXIT SIGN
- DIFFUSERS. SEE MECH. DWGS
- GRILLES. SEE MECH. DWGS.
- OCCUPANCY SENSOR. SEE ELEC. DWGS
- S — RECESSED LOUDSPEAKERS. SEE ELEC. & AV.
- SM — RECESSED SOUND MASKING SPEAKER. SEE ELEC. & AV.
- N.I.C PRIMARY SCOPE OF WORK
- SCOPE OF WORK
- EMERGENCY
- 1HR RATED BULKEHAD
- ACCESS PANEL

KEY PLAN :



REVISION

NO.	DATE	DESCRIPTION
1	08/20/2024	CLIENT REVIEW
2	09/30/2024	COSTING SET
3	10/04/2024	CLIENT REVIEW
4	11/01/2024	PROGRESS ISSUANCE
5	11/15/2024	BUILDING PERMIT
6	12/13/2024	FB5 REVIEW
7	01/26/2025	PEER REVIEW
8	01/31/2025	ISSUED FOR BID
9	03/20/2025	BID ADDENDUM #3
10	03/25/2025	BID ADDENDUM #4
11	03/28/2025	BID ADDENDUM #5

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SEAL :

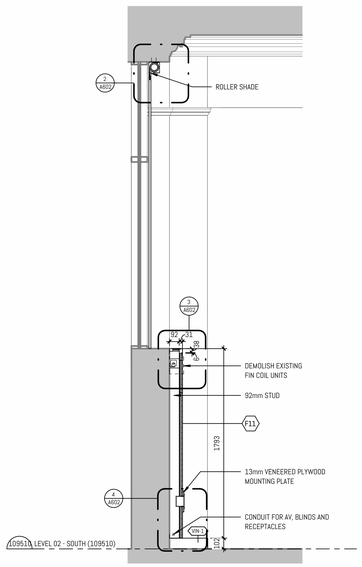
OWNER :
UNIVERSITY OF TORONTO

PROJECT :
UNIVERSITY OF TORONTO HEALTH & WELLNESS CENTRE AT KOFFLER RENOVATION

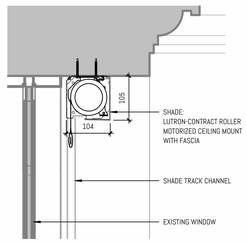
214 College Street, Toronto, ON M5T 3A1

SHEET CONTENTS :
ENLARGED RCP - LEVEL 02

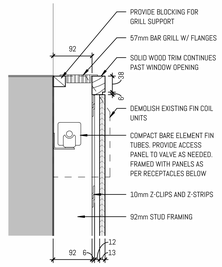
PROJECT NUMBER : 23-011 (P143-19-100)
DRAWING SCALE : 1:50
DRAWN BY : NE | CHECKED BY : AF | DATE : 2025-01-31
SHEET NO. : A313 | REV. : 11



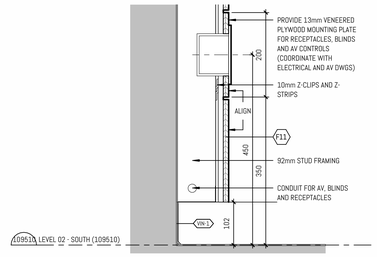
1 A602 INTERIOR SECTION - LEVEL 2 M.P. ROOM EAST WINDOW
1 : 20 Ref. 2/ A213



2 A602 SECTION DETAIL - LEVEL 02 MP ROOM - ROLLER SHADE @ WINDOW HEAD
1 : 5 Ref. 1/ A602



3 A602 SECTION DETAIL - LEVEL 02 MP ROOM - RADIATOR @ WINDOW SILL
1 : 5 Ref. 1/ A602



4 A602 SECTION DETAIL - LEVEL 02 MP ROOM - TYP. DEVICE MOUNTING
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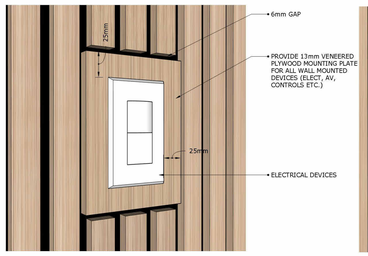
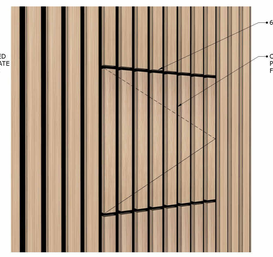
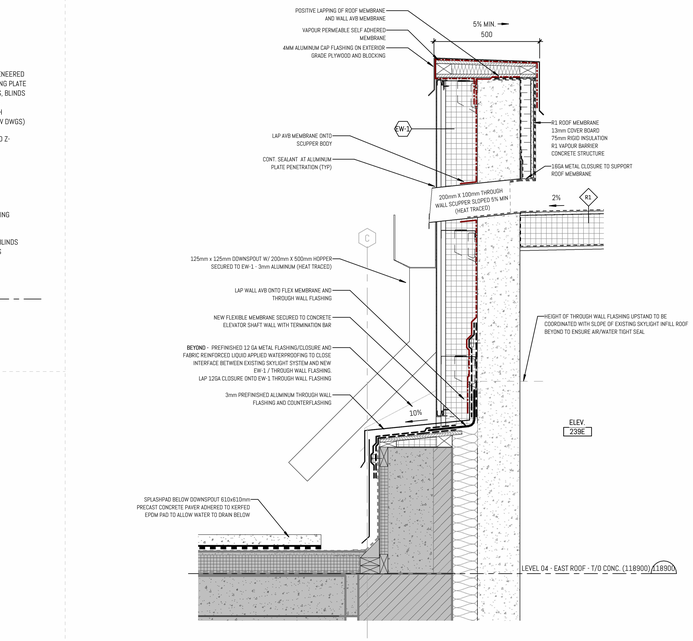


TYPICAL ELECTRICAL DEVICE MOUNTING DETAIL

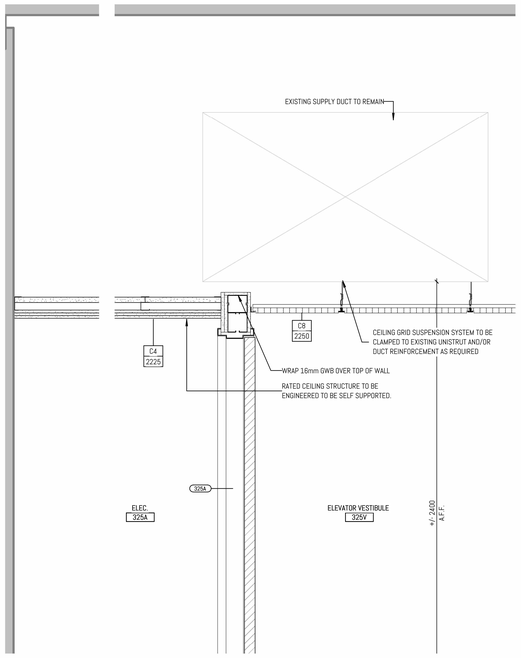


TYPICAL ACCESS HATCH DETAIL

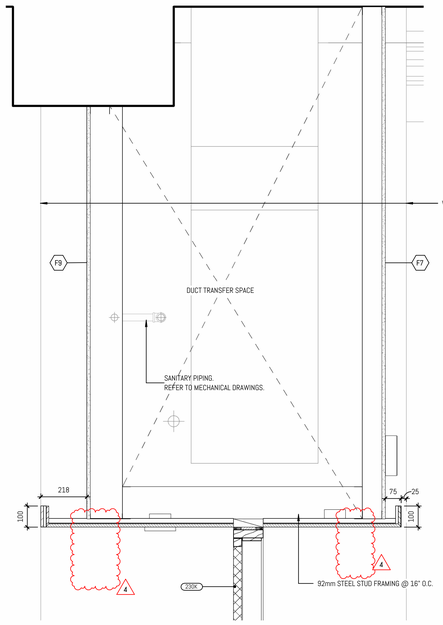
6 A602 RIBB SYSTEM DETAILS



5 A602 SECTION DETAIL - ELEVATOR ROOF TO EXISTING 1906 ROOF (LOOKING SOUTH)
1 : 10 Ref. 10/ A701



15 A602 SECTION DETAIL - LEVEL 03 - DUCT TRANSFER SPACE OUTSIDE RM. 325 & 327
1 : 10 Ref. 2/ A318



8 A602 SECTION DETAIL - LEVEL 02 - DUCT TRANSFER SPACE OUTSIDE MULTIPURPOSE RM
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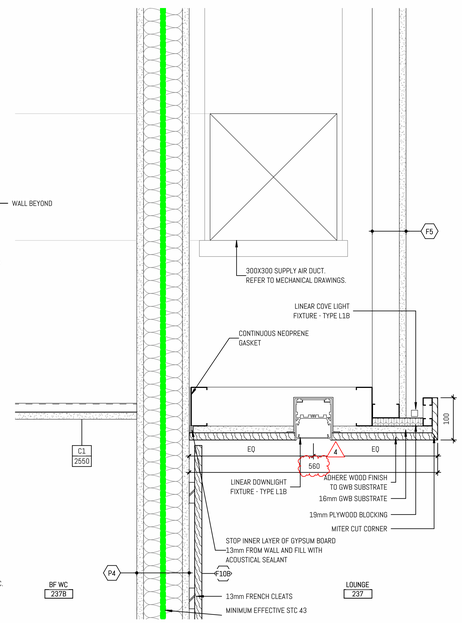

7 A602 SECTION DETAIL - LEVEL 02 - BULKHEAD OUTSIDE MULTIPURPOSE RM
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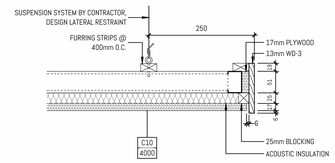

9 A602 SECTION DETAIL - MP ROOMS CEILING - TYPICAL EDGE DETAIL
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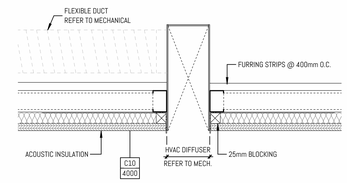
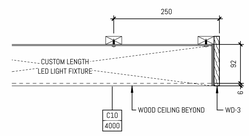


12 A602 SECTION DETAIL - MP ROOMS CEILING - DETAIL THROUGH DIFFUSER
1 : 5 Ref. 2/ A313



10 A602 SECTION DETAIL - MP ROOMS CEILING - EDGE DETAIL AT LIGHT FIXTURE
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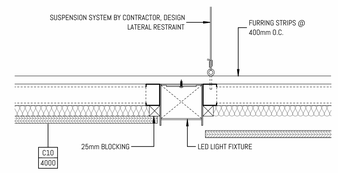

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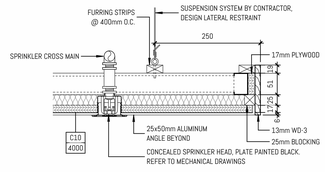

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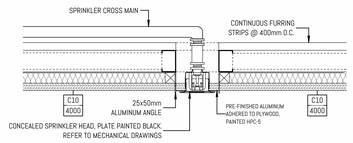

14 A602 SECTION DETAIL - MP ROOMS CEILING - DETAIL THROUGH DIFFUSER1
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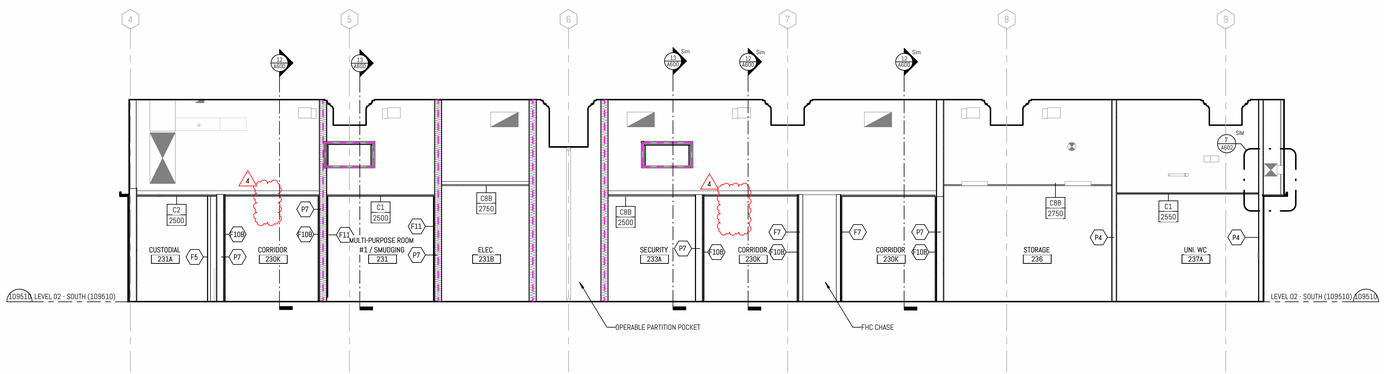

16 A602 PARTIAL SECTION DETAIL - LEVEL 02 - CROSS SECTION THRU SERVICE BULKHEAD
1 : 50 Ref. 2/ A213

IMAGE 1 - EXISTING CONDITIONS - LEVEL 03 (PROPOSED RM 325A/327)

IMAGE 2 - EXISTING CONDITIONS - LEVEL 03 (PROPOSED RM 325B)

KEY PLAN :

REVISION

NO.	DATE	DESCRIPTION
1	01/25/2025	PEER REVIEW
2	01/31/2025	ISSUED FOR BID
3	03/14/2025	BID ADDENDUM #2
4	03/26/2025	BID ADDENDUM #5

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SEAL :

OWNER:
UNIVERSITY OF TORONTO

PROJECT :
UNIVERSITY OF TORONTO
HEALTH & WELLNESS CENTRE
AT KOFFLER RENOVATION

214 College Street, Toronto,
ON M5T 3A1

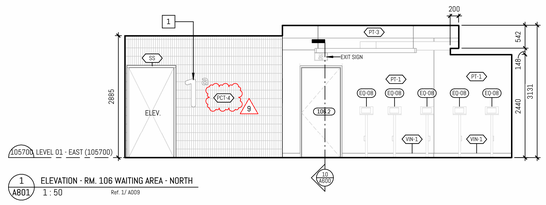
SHEET CONTENTS :
SECTION DETAILS

PROJECT NUMBER :
23-011 (P143-19-100)

DRAWING SCALE :
As indicated

DRAWN BY :	CHECKED BY :	DATE:
DD	AF	2025-01-31

SHEET NO : A602
REV : 4



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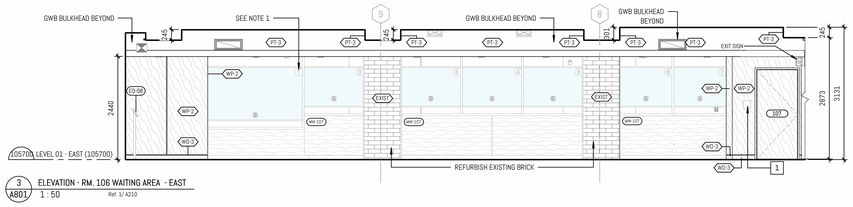
1 : 50 Ref. 1/ A209



3 A801 ELEVATION - RM. 106 WAITING AREA - EAST
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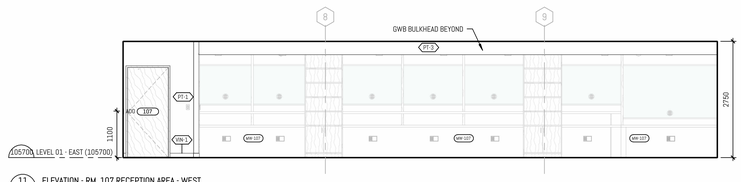

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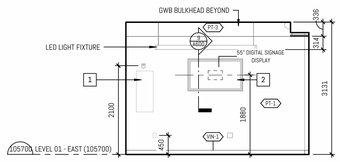

2 A801 ELEVATION - RM. 106 WAITING AREA - SOUTH
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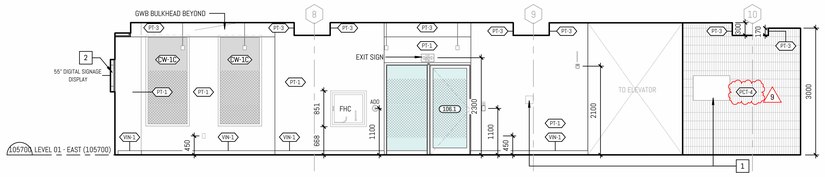

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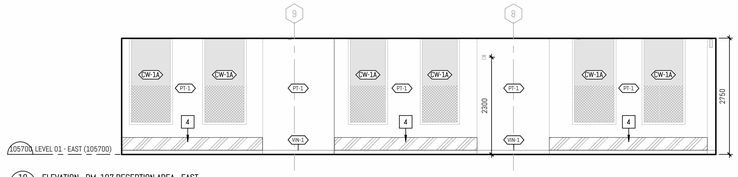

10 A801 ELEVATION - RM. 107 RECEPTION AREA - EAST
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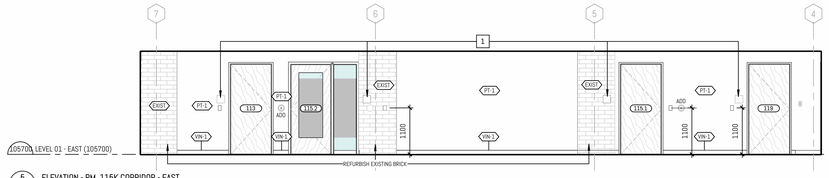

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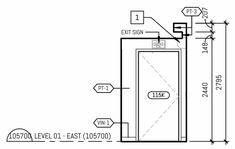

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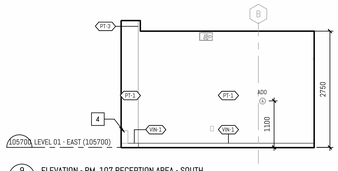

9 A801 ELEVATION - RM. 107 RECEPTION AREA - SOUTH
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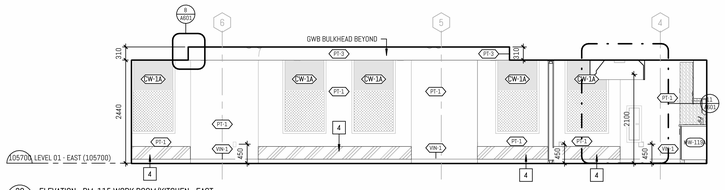

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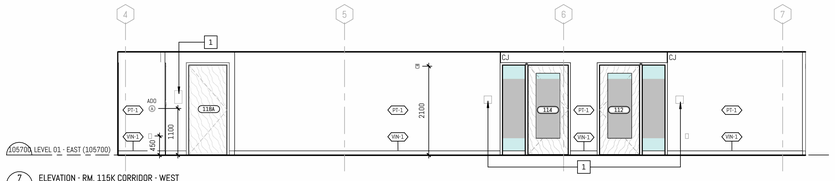

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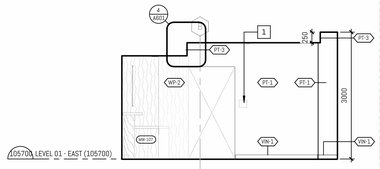

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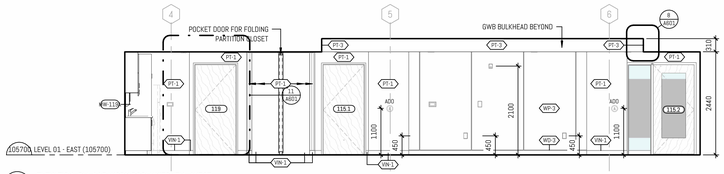

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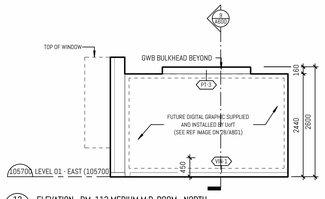

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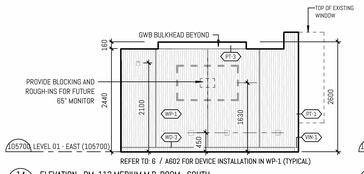

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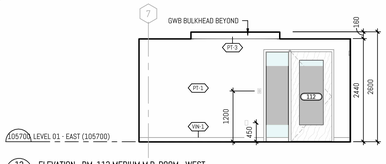

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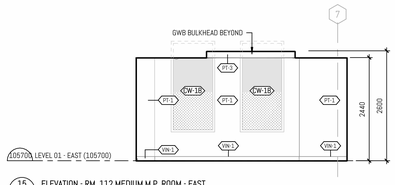

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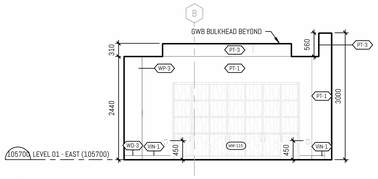

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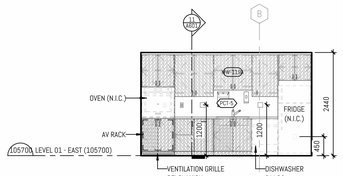

22 A801 ELEVATION - RM. 119 KITCHEN - SOUTH
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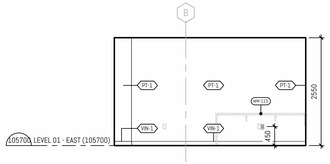

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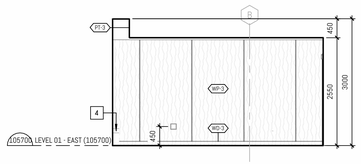

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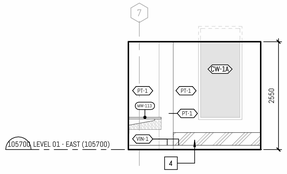

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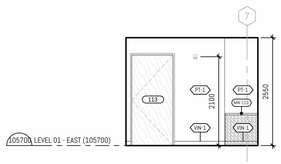
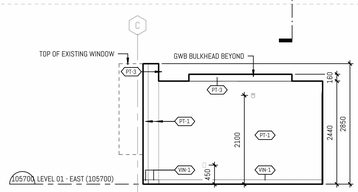
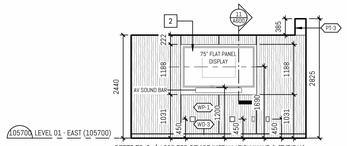


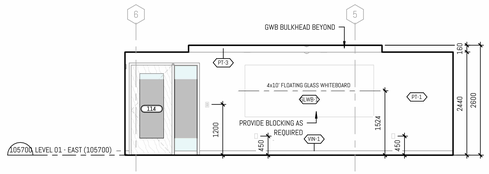
19 A801 ELEVATION - RM. 113 COMP. CARE OFFICE/SAFE ROOM - WEST
1 : 50 Ref. 1/ A210



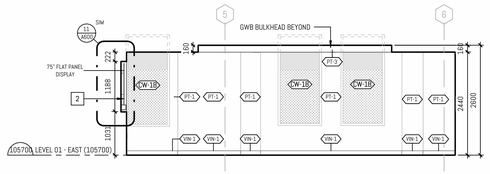
26 A801 ELEVATION - RM. 114 LARGE M.P. ROOM - NORTH
1 : 50 Ref. 1/ A210



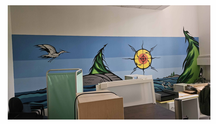
26 A801 ELEVATION - RM. 114 LARGE M.P. ROOM - SOUTH
1 : 50 Ref. 1/ A210



24 A801 ELEVATION - RM. 114 LARGE M.P. ROOM - EAST
1 : 50 Ref. 1/ A210



27 A801 ELEVATION - RM. 114 LARGE M.P. ROOM - WEST
1 : 50 Ref. 1/ A210



28 A801 MEDIUM M.P. RM. 112 - VINYL WALL GRAPHIC
1 : 1

MATERIALS ABBREVIATION LEGEND

ACT	ACOUSTIC CEILING TILE
BPG	BACK-PAINTED GLASS
CK	CORK
CP	CEILING PANEL
CT	CERAMIC TILE
EPT	EPOXY PAINT
FB	FABRICS
FG	FIRE RATED GLASS
FLM	GLAZING SURFACE FILM
GWB	GYPSUM WALLBOARD
HPC	HIGH PERFORMANCE COATING
LVT	LUXURY VINYL FLOORING
MEL	MELAMINE
MIR	MIRROR
MDF	MEDIUM DENSITY FIBREBOARD
MTL	METAL FINISHES
PLY	FIRE RATED PLYWOOD
PCT	PORCELAIN TILE
PC	PRECAST CONCRETE
PLAM	PLASTIC LAMINATE
PT	PAINT
RF	RESILIENT SHEET FLOORING
SS	STAINLESS STEEL
SSM	SOLID SURFACE MATERIAL
STL	STEEL
STO	NATURAL STONE
TGL	TEMPERED GLASS
TRAV	TRAVERTINE TILE
VIN	VINYL WALL BASE
WB	DRY ERASE WHITEBOARD
WD	SOLID WOOD
WP	WALL PANEL
WV	WOOD VENEER

REFER TO SPECIFICATIONS FOR MATERIAL INFORMATION

INTERIOR ELEVATION NOTES

NOTE	DESCRIPTION
1	SIGNAGE BY OTHERS. BLOCKING SUPPORT (WHERE REQUIRED), SUPPLY, AND INSTALL BY CONTRACTOR. SEE SIGNAGE AND WAYFINDING DWGS.
2	DISPLAY BY OTHERS. BLOCKING SUPPORT, SUPPLY, AND INSTALL BY CONTRACTOR. SEE AV DWGS.
3	NEW RADIATOR COVER ON EXISTING RADIANT FIN TUBE, COMPLETE WITH COVERS AND TRIMS TO ENCLOSE ALL PIPING AND EXTEND WALL TO WALL (WHERE APPLICABLE).
4	NEW RADIATOR WITH INTEGRATED COVER, COMPLETE WITH COVERS AND TRIMS TO ENCLOSE ALL PIPING AND EXTEND WALL TO WALL (WHERE APPLICABLE). REFER TO 7/A802
5	PREPARE (SAND AND PRIME) AND REPAINT EXISTING RADIATOR COVER.
6	NEW RADIATOR/FIN TUBE CONCEALED BEHIND FINISHES.

EQUIPMENT TYPE SCHEDULE

EQ #	EXIST. EQ DESCRIPTION	TYPE COMMENT	Supply	Install
EQ-01	PATIENT EXAM BED		UofT	CONTRACTOR
EQ-02	WALL-MOUNTED INTEGRATED EQUIPMENT	SYSTEM INCLUDES: ORPHTHALMOSCOPE, OTOSCOPES, THERMOMETRY, BLOOD PRESSURE, WALL ANEROID & KLEENSPEC DISPENSER	UofT	CONTRACTOR
EQ-03	EXAM LIGHTS		UofT	CONTRACTOR
EQ-06	SPECIMEN FRIDGE		UofT	CONTRACTOR
EQ-07	PRINTER		UofT	CONTRACTOR
EQ-08	KIOSK FLOOR STAND FOR IPAD		UofT	CONTRACTOR
EQ-09	STAINLESS STEEL SPECIMEN PASS-THRU CABINET - 12x12		CONTRACTOR	CONTRACTOR

KEY PLAN :

REVISION

NO.	DATE	DESCRIPTION
1	08/20/2024	CLIENT REVIEW
2	09/30/2024	COSTING SET
3	10/04/2024	CLIENT REVIEW
4	11/01/2024	PROGRESS ISSUANCE
5	11/15/2024	BUILDING PERMIT
6	12/13/2024	FB/S REVIEW
7	01/25/2025	PEER REVIEW
8	01/31/2025	ISSUED FOR BID
9	03/28/2025	BID ADDENDUM #5

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SEAL :

OWNER :
UNIVERSITY OF TORONTO

PROJECT :
UNIVERSITY OF TORONTO HEALTH & WELLNESS CENTRE AT KOFFLER RENOVATION

214 College Street, Toronto, ON M5T 3A1

SHEET CONTENTS :
INTERIOR ELEVATIONS AND DETAILS - LEVEL 01

PROJECT NUMBER : 23-011 (P143-19-100)

DRAWING SCALE : As indicated

DRAWN BY :	CHECKED BY :	DATE:
NE	AF	2025-01-31

SHEET NO : A801 REV : 9

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BID ADDENDUM

PROJECT NAME:	HEALH AND WELLNESS CENTRE RENOVATION AT KOFFLER
COMPANY:	ENFORM ARCHITECTS
ATTENTION:	Alan Fraser
PROJECT NO.: 21590.003.E.001	DATE: 2025-03-28
BID ADDENDUM NO.: #05	ISSUED BY: Wun Yan Chow

The following amendments are hereby made as part of the Contract Documents. The following revisions and/or additions shall be made to contract documents and the cost shall be included in the Tender Price.

1.0 DRAWINGS

1.1 Refer to E024 RISER DIAGRAM (included herein)

1.1.1 Provide additional requirement to connect lighting control system to fire alarm system such that upon fire alarm activation, all lighting to be brought to full brightness.

1.1.2 Clarified specification for wall occupancy sensor.

1.2 Refer to E401-A LEVEL 01 – LIGHTING CONTROL PLAN (included herein)

1.2.1 Removed ALC/LCM from service rooms (elec/IT). Typ. of 2.

1.2.2 Revised 125, 126A LCM to ALC.

1.3 Refer to E402-A LEVEL 02 – LIGHTING CONTROL PLAN (included herein)

1.3.1 Removed ALC/LCM from service rooms (elec/IT). Typ. of 3.

1.3.2 Revised #230K, #240 LCM to ALC.

1.3.3 Provide one new dimmer in #280, #245K,

1.3.4 Clarified zoning throughout.

1.4 Refer to E403-A LEVEL 03 – LIGHTING CONTROL PLAN (included herein)

1.4.1 Removed ALC/LCM from service rooms (elec/IT). Typ. of 5.

1.4.2 Revise toggle switch to OS in 399C

1.4.3 Clarified control type in #398, #399A.

1.4.4 Provide LCM and dimmer for L2 lighting outside #369.

1.4.5 Provide LCM for L9 lighting in #397K.

1.4.6 Revised LCM to ALC in #360.

1.4.7 Provide OS in #363, #365, #367, #369.

1.4.8 Clarified zoning throughout.

2.0 CLARIFICATION

2.1.1 Coordination

END OF ELECTRICAL BID ADDENDUM

21590.003.E.001.a005

LIGHTING CONTROL DEVICE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER/CATALOGUE NO.
OS A	24V DUAL TECH LOW VOLTAGE OCCUPANCY SENSOR	WATTSTOPPER DT-305 C/W ENCELIUM SENSOR INTERFACE MODULE
OS	ENCELIUM WIRED OCCUPANCY SENSOR	56356-EN-SCPPH-1500-GB2
OS HB	ENCELIUM WIRED HIGH BAY OCCUPANCY SENSOR	56357-EN-SCPPH-HB-GB2
D	ENCELIUM 3 SCENE WALL STATION	ENCELIUM EN-WS-SC3-GB2-WH
D_{D2}	ENCELIUM 5 SCENE WALL STATION	ENCELIUM EN-WS-SC5-GB2-WH
D_{D3}	ENCELIUM WALL DIMMER	ENCELIUM EN-WS-4B-GB2-WH
D_{D4}	ENCELIUM WALL SWITCH (ON/OFF ONLY)	ENCELIUM EN-WS-2S-GB2-WH
D_{D5}	ENCELIUM TOUCHSCREEN	ENCELIUM KX4
OS	WALL MOUNTED OCCUPANCY SENSOR	WATTSTOPPER DW-100-24-W C/W ENCELIUM SENSOR INTERFACE MODULE
WM	WIRED MANAGER	EN-M-GB2-X (X): EN-ECU-G4-P3D (EXTEND)
ALC	AREA LIGHTING CONTROLLER	ENCELIUM EN-ALC-1R10V-GB2-BK
LCM	LIGHTING CONTROL MODULE	ENCELIUM EN-ILCM-1R10V-GB2-BK

GENERAL NOTE:

1. ENCELIUM LIGHTING CONTROL SYSTEM IS A LONG LEAD ITEM. THE EXPECTED DELIVERY TIME CAN VARY BETWEEN 3 TO 6 MONTHS. CONTRACTOR IS ADVISED TO REVIEW THE DRAWINGS AND PLACE PURCHASE ORDER AS SOON AS POSSIBLE AFTER AWARDING THE CONTRACT, IN ORDER TO AVOID ANY DELAYS TO PROJECT SCHEDULE.
2. REFER TO ELECTRICAL SPECIFICATION AND ALLOW FOR ADDITIONAL VISITS OF LIGHTING CONTROLS SPECIALIST AS REQUIRED. INCLUDE ALL ASSOCIATED COST IN TENDER PRICE AS REQUIRED.

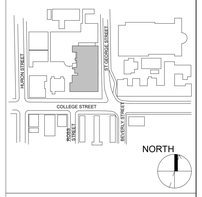
LIGHTING CONTROL NOTES:

1. EXACT LOCATION OF DEVICES TO BE CONFIRMED ON SITE.
2. PROVIDE ENGRAVING KIT FOR ALL WALL BUTTONS, AS REQUIRED.
3. DEVICES IN EACH ROOM SHALL OPERATE WITH OPEN TOPOLOGY AND CAN BE REARRANGED.
4. PROVIDE STAINLESS STEEL COVER PLATE FOR WALL STATIONS.
5. ALL CONTROL DEVICES TO BE INSTALLED WITHIN BACKBOXES AS REQUIRED.
6. ALL LOW VOLTAGE AND CONTROL WIRING SHALL BE INSTALLED INSIDE EMT CONDUITS.
7. CONTRACTOR MUST ADHERE TO ENCELIUM DRAWINGS. ANY MODIFICATIONS TO ENCELIUM DRAWINGS REQUIRE FACTORY APPROVAL.
8. SENSORS MUST BE INSTALLED AS PER INDUSTRY STANDARD. REFER TO MANUFACTURER INSTRUCTION SHEET INCLUDED WITH SENSOR HARDWARE. - ALL SENSORS MUST BE MOUNTED AT LEAST 6 FEET AWAY FROM AIR VENTS & HEAT EXCHANGERS.
9. UNLESS OTHERWISE NOTED, ALL SENSORS WILL OPERATE AUTO ON, AUTO OFF WITH A TIMEOUT OF 11 MINUTES.
10. UNLESS OTHERWISE NOTED, ALL ENCELIUM WIRED MANAGERS SHOULD BE CONNECTED TO NORMAL POWER.
11. COORDINATE WITH ENCELIUM TECHNICIAN TO ASSIGN SWITCHES TO THE RESPECTIVE FIXTURE GROUPING, AS INDICATED ON LIGHTING ZONES LAYOUTS.
12. ENCELIUM WIRED MANAGER (M), SYSTEM SUPPORT UNIT (SSU) AND WIRELESS MANAGER (WM) IS TO BE CONNECTED TO F&S NETWORK. ONE IP ADDRESS PER DEVICE MUST BE PROVIDED TO ENCELIUM PRIOR TO SYSTEM START UP.
13. NETWORK RUNS MUST NOT EXCEED 100M (328FT.). ANY MODIFICATIONS TO ENCELIUM DRAWINGS REQUIRE FACTORY APPROVAL.
14. REFER TO THE ENCELIUM CONTRACTOR'S INSTALLATION GUIDE FOR SYSTEM INFORMATION, CUT SHEETS, AND WIRING DIAGRAMS.
15. SYSTEM NEEDS TO BE TESTED PRIOR TO REQUESTING SYSTEM STARTUP SERVICES. PLEASE REFER TO ENCELIUM CONTRACTOR MANUAL FOR TESTING PROCEDURE USING GREENBUS II TESTER AND/OR EEM G4 INSTALLATION MODE.
16. END USER NETWORK ACCESS TO THE ENCELIUM SERVER (SSU) MUST BE ARRANGED PRIOR TO SYSTEM TRAINING.
17. ENCELIUM PHASE CUT DIMMING MODULE (PCDM) HAS A MAXIMUM OUTPUT RATING OF: 120 VAC: 450W, 3.8A MAX.
18. USE MINIMUM 3/4" CONDUIT FOR GREENBUS CABLING.
19. ALLOW FOR THE COST TO PROVIDE POE INJECTORS AS REQUIRED.
20. ALLOW FOR SYSTEM INTEGRATION TO UofT ENCELIUM SERVER (INCLUDING BUT NOT LIMITED TO GRAPHIC SET UP, DATA COLLECTION, ETC.)
21. DIMMING WIRING SHALL BE PROVIDED IF FIXTURE COMES WITH DIMMABLE DRIVER.
22. REFER TO LIGHTING CONTROL PLANS E401-A, 402-A, 403-A FOR DEVICE TYPES/QTY.
23. LIGHTING CONTROL SYSTEM SHALL BE CONNECTED TO FIRE ALARM SYSTEM SUCH THAT UPON FIRE ALARM ACTIVATION, LIGHTING CONTROL SYSTEM SHALL INITIATE AN EMERGENCY SEQUENCE TO BRING ALL LIGHTS TO FULL BRIGHTNESS. ONCE FIRE ALARM EVENT IS RESOLVES, LIGHTING LEVELS SHALL RETURN TO THE PREVIOUS STATE.

PARTITION SENSORS NOTES:

1. THE PARTITION SENSOR MUST PROVIDE A 'HIGH' SIGNAL WHEN AT CLOSED STATE AND THE ROOMS SHOULD ACT/OPERATES SEPARATELY.
2. THE PARTITION SENSOR MUST PROVIDE A 'LOW' SIGNAL WHEN AT OPEN STATE AND THE ROOMS SHOULD ACT/OPERATES COMBINED.

KEY PLAN :



REVISION

NO.	DATE	DESCRIPTION
1	2024-10-04	ISSUED FOR 50%
2	2024-11-15	PERMIT
3	2024-12-04	ISSUED FOR F&S REVIEW
4	2024-12-23	ISSUED FOR F&S REVIEW
5	2025-01-24	ISSUED FOR PEER REVIEW
6	2025-01-31	ISSUED FOR BID
10	2025-03-25	BID ADDENDUM #04
11	2025-03-28	BID ADDENDUM #05

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SEAL :

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UNIVERSITY OF TORONTO

PROJECT :

HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

214 COLLEGE ST,
TORONTO, ON M5T 3A1

SHEET CONTENTS :

RISER DIAGRAM

PROJECT NUMBER :
21590.003

DRAWING SCALE :
1 : 100

DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

SHEET NO :
E024

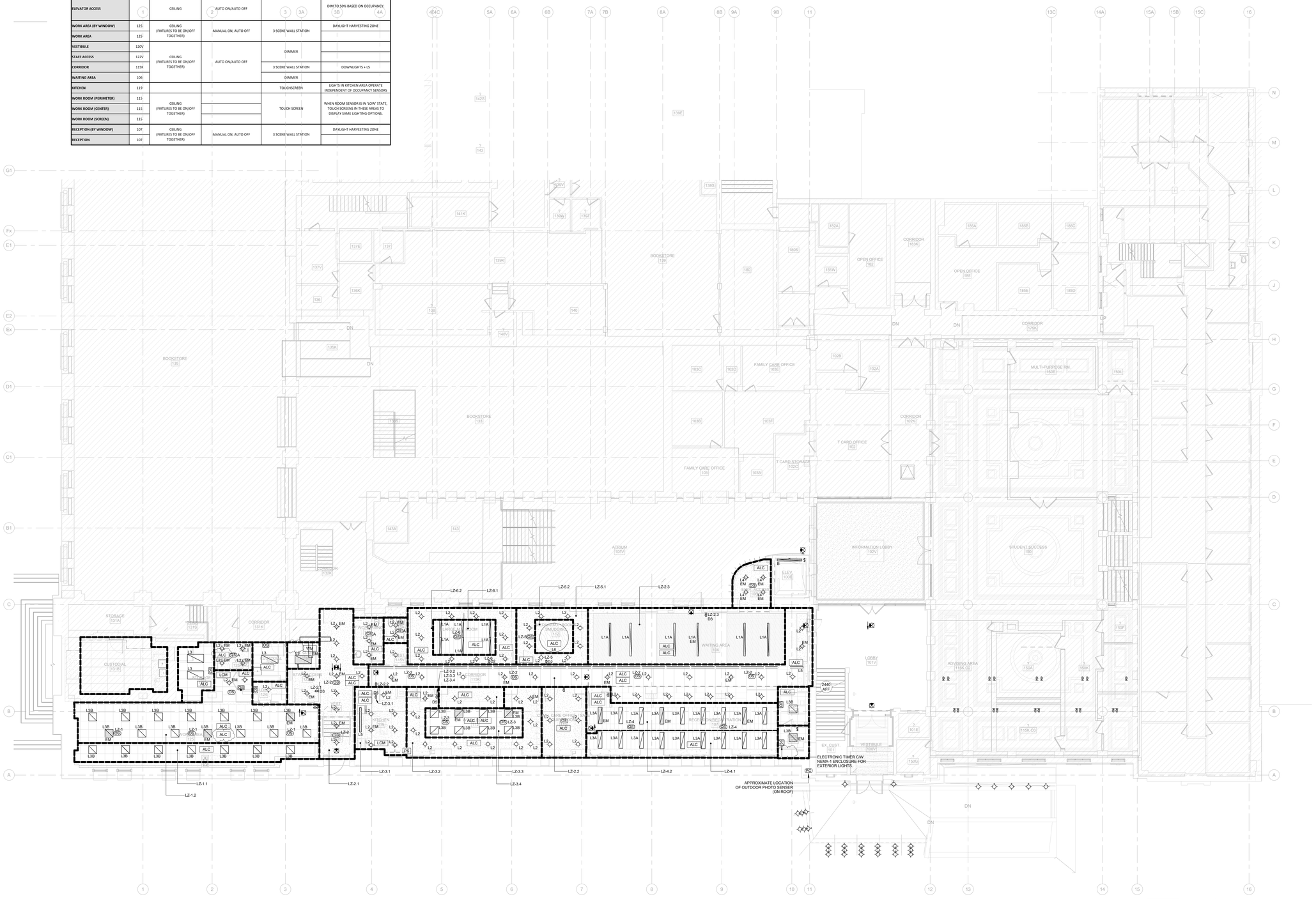
REV :
11

AREA	ROOM #	OCCUPANCY SENSOR (WALL/CEILING)	ON/OFF	LOCAL CONTROL (SWITCH, WALL STATION, DIMMER)	NOTES
CUSTODIAL ROOMS/STORAGE		WALL	AUTO ON/AUTO OFF		
WASHROOMS		CEILING	AUTO ON/AUTO OFF		LIGHTING ON EM CCT
ELECTRICAL CLOSET/ROOMS				SWITCH	LIGHTING ON EM CCT
IT CLOSET				SWITCH	LIGHTING ON EM CCT
INDIVIDUAL OFFICES	113	CEILING	MANUAL ON, AUTO OFF	3 SCENE WALL STATION	
INDIVIDUAL ROOMS		WALL	MANUAL ON, AUTO OFF	DIMMER BUILT-IN TO WALL OS	
MULTIPURPOSE ROOMS		CEILING SENSOR	MANUAL ON, AUTO OFF	5 SCENE WALL STATION	
ELEVATOR ACCESS	1	CEILING	2 AUTO ON/AUTO OFF	3 3A	DIM TO 50% BASED ON OCCUPANCY. 3B 4A
WORK AREA (BY WINDOW)	125	CEILING (FIXTURES TO BE ON/OFF TOGETHER)	MANUAL ON, AUTO OFF	3 SCENE WALL STATION	DAYLIGHT HARVESTING ZONE
WORK AREA	125				
VESTIBULE	120V	CEILING (FIXTURES TO BE ON/OFF TOGETHER)	AUTO ON/AUTO OFF	DIMMER	
STAFF ACCESS	122V				
CORRIDOR	115K			3 SCENE WALL STATION	DOWNLIGHTS + L5
WAITING AREA	106			DIMMER	
KITCHEN	119			TOUCHSCREEN	LIGHTS IN KITCHEN AREA OPERATE INDEPENDENT OF OCCUPANCY SENSORS
WORK ROOM (PERIMETER)	115	CEILING (FIXTURES TO BE ON/OFF TOGETHER)		TOUCH SCREEN	WHEN ROOM SENSOR IS IN 'LOW' STATE, TOUCH SCREENS IN THESE AREAS TO DISPLAY SAME LIGHTING OPTIONS.
WORK ROOM (CENTER)	115				
WORK ROOM (SCREEN)	115				
RECEPTION (BY WINDOW)	107	CEILING (FIXTURES TO BE ON/OFF TOGETHER)	MANUAL ON, AUTO OFF	3 SCENE WALL STATION	DAYLIGHT HARVESTING ZONE
RECEPTION	107				

NOTE:
1. UNLESS NOTED OTHERWISE, ALL SENSORS TO BE SET TO 20 MINUTE OFF DELAY
2. MULTIPLE AREAS/ZONES CONTROLLED BY CEILING SENSORS SHALL BE ON/OFF TOGETHER WITH LOCAL CONTROL (AS SHOWN)
3. PROVIDE SHUNT TRIP RELAY AS REQUIRED FOR ROOMS WITH TOGGLE SWITCH CONTROLS AND EM LIGHTING CIRCUIT

DEFAULT SCENE WALL STATION LEVELS

	SCENE	LEVEL	
35	1	100	FINAL LEVELS TO BE CONFIRMED WITH CLIENT DURING SYSTEM COMMISSIONING
	2	75	
	3	50	
55	1	100	
	2	75	
	3	50	
	4	40	
	5	25	



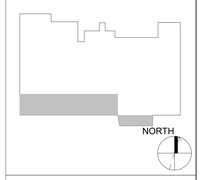
DRAWING NOTES:

N-1 LIGHTING/CEILING DEVICES IN THIS AREA TO BE REMOVED AND REINSTALLED AS REQUIRED TO ACCOMMODATE MECHANICAL WORK IN THIS AREA. COORDINATE THIS SCOPE OF WORK WITH MECHANICAL.

GENERAL NOTES:

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH INTERIOR DESIGNER'S/ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
2. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION.
3. PROVIDE EMT CONDUIT IN AREAS WITH EXPOSED CEILINGS. BX CABLING IS NOT ACCEPTABLE UNLESS OTHERWISE NOTED. BX CABLES MAY BE USED FOR FINAL CONNECTIONS TO LIGHTING FIXTURES OR EQUIPMENT WITH A MAXIMUM HORIZONTAL RUN LENGTH OF 3 FEET / 1 METER. PAINT CONDUITS TO MATCH ARCHITECTURAL BACKGROUNDS. MOUNT EXIT SIGNS, OCCUPANCY SENSORS, EXIT SIGNS, CAMERAS, MAPS AND ALL OTHER CEILING MOUNTED DEVICES WITH STEMS SUCH THAT THEY ARE ON THE SAME PLANE AS SUSPENDED LIGHTING FIXTURES. COORDINATE CEILINGS AND WALL HEIGHTS WITH INTERIOR DESIGNER DRAWINGS.
4. ALL NEW/RELOCATED/REINSTALLED BASE BUILDING STANDARD LUMINAIRES AND NEW RECESSED DOWN LIGHTS SHALL BE CHAIN HUNG AND SUPPORTED FROM THE SLAB ABOVE. PROVIDE LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
5. RELAMP EXISTING AND RELOCATED LUMINAIRES DUE TO BURNOUT CONDITIONS AND REPLACE FAULTY BALLASTS AS REQUIRED. INCLUDE IN BASE PRICE.
6. MEASURE THE ILLUMINATION OF THE FLOOR AT NIGHT WITH EMERGENCY LIGHTING ON ONLY, AND SEND A DRAWING SHOWING THE MAXIMUM AND MINIMUM LEVEL OF ILLUMINATION, TO THE CONSULTING ENGINEER, FOR REVIEW. PROVIDE WRITTEN CONFIRMATION THAT EMERGENCY LIGHTING HAS BEEN INSTALLED IN ACCORDANCE WITH CONTRACT DOCUMENTS AND LATEST EDITION OF THE ONTARIO BUILDING CODE SECTIONS 3.2.7.3 AND 3.2.7.4. LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
7. PROVIDE NEW PICTOGRAM (RUNNING MAN) TYPE EXIT SIGNS. FACES AND INDICATOR ARROWS AS PER DRAWINGS AND UNIVERSAL 120-347VAC. CONNECT NEW EXIT SIGNS TO THE EXIT LIGHTING CIRCUIT SERVING THIS AREA. DO NOT OVERLOAD THE CIRCUIT. ALLOW FOR FIVE (5) ADDITIONAL EXIT SIGNS PER FLOOR (COMPLETE WITH MATERIAL AND LABOUR) TO BE INSTALLED AS PER BUILDING INSPECTORS REQUIREMENTS UPON FINAL INSPECTION.
8. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.
9. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.
10. LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS.
11. REMOVE ALL PAGING/AUDIO SPEAKERS IN RENOVATED AREA NOT SHOWN ON PLANS. ALL "EXISTING TO REMAIN" SPEAKERS TO BE FIRE ALARM EVAC SPEAKERS ONLY.
12. ALL CEILING MOUNTED OCCUPANCY SENSORS PROVIDED AS PART OF THIS SCOPE OF WORK MUST BE LOCATED AT LEAST 610" AWAY FROM ANY SUPPLY AIR DIFFUSER AND RETURN AIR GRILLE AS PER MANUFACTURER'S RECOMMENDATION. COORDINATE INSTALLATION ON SITE WITH MECHANICAL CONTRACTOR PRIOR TO COMMENCING WORK.
13. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/OC DRAWINGS. PHASING SHOWN IS FOR REFERENCE PURPOSES ONLY.

KEY PLAN :



REVISION

NO.	DATE	DESCRIPTION
1	2024-10-04	ISSUED FOR 50%
2	2024-11-15	PERMIT
3	2024-12-04	ISSUED FOR F&S REVIEW
4	2024-12-23	ISSUED FOR F&S REVIEW
5	2025-01-24	ISSUED FOR PEER REVIEW
6	2025-01-31	ISSUED FOR BID
9	2025-03-21	BID ADDENDUM #03
10	2025-03-25	BID ADDENDUM #04
11	2025-03-28	BID ADDENDUM #05

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PROJECT :
HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

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SHEET CONTENTS :
LEVEL 01 - LIGHTING CONTROL PLAN

PROJECT NUMBER : 21590.003
DRAWING SCALE : 1 : 100
DRAWN BY : Author | CHECKED BY : Checker | DATE: Issue Date
SHEET NO: E401-A | REV: 11

AREA	ROOM #	OCCUPANCY SENSOR (WALL,CEILING)	ON/OFF	LOCAL CONTROL (SWITCH, WALL STATION, DIMMER)	NOTES
CUSTODIAL ROOMS/STORAGE		WALL	AUTO ON/AUTO OFF		
WASHROOMS		CEILING	AUTO ON/AUTO OFF		LIGHTING ON EM CCT
ELECTRICAL CLOSET/ROOMS				TOGGLE SWITCH	LIGHTING ON EM CCT
IT CLOSET				TOGGLE SWITCH	LIGHTING ON EM CCT
LOUNGE	237	CEILING	AUTO ON/AUTO OFF	3 SCENE WALL STATION	DIM TO 50% DURING 'ON' HOURS BASED ON OCCUPANCY. TURN OFF DURING 'OFF' HOURS
CONSULTING/EXAM ROOMS		CEILING	MANUAL ON, AUTO OFF	DIMMER (L3; D3) DIMMER (L2; D3) SWITCH (L8; D4)	OCCUPANCY SENSOR TO CONTROL ALL LIGHTS IN ROOM. NOT ALL ROOMS HAVE ALL LIGHTING TYPES.
ELEVATOR ACCESS		CEILING	AUTO ON/AUTO OFF		DIM TO 50% BASED ON OCCUPANCY
MULTIPURPOSE ROOM (BY WINDOW)	231	CEILING	MANUAL ON, AUTO OFF	TOUCH SCREEN	WHEN ROOM SENSOR IS IN 'LOW' STATE, TOUCH SCREENS WILL DISPLAY SAME OPTIONS. WINDOW ZONES WILL OPERATE TOGETHER. INTERIOR ZONES WILL OPERATE TOGETHER. OCCUPANCY SENSORS WILL CONTROL BOTH ZONES.
MULTIPURPOSE ROOMS	231				
MULTIPURPOSE ROOM (BY WINDOW)	233	CEILING	MANUAL ON, AUTO OFF	TOUCH SCREEN	
MULTIPURPOSE ROOMS	233				
MULTIPURPOSE ROOM (BY WINDOW)	235	CEILING	MANUAL ON, AUTO OFF	TOUCH SCREEN	
MULTIPURPOSE ROOMS	235				
LOBBY	240K	CEILING	AUTO ON/AUTO OFF		DIM TO 50% DURING 'ON' HOURS BASED ON OCCUPANCY. TURN OFF DURING 'OFF' HOURS
MEETING ROOM (BY WINDOW)	253	CEILING	MANUAL ON, AUTO OFF	3 SCENE WALL STATION	DAYLIGHT HARVESTING ZONE
MEETING ROOM	254				
WAITING AREA	240	CEILING	AUTO ON/AUTO OFF	DIMMER	
PUBLIC CORRIDOR (SOUTH)	245K			DIMMER	
PUBLIC CORRIDOR (NORTH)	245K			DIMMER	

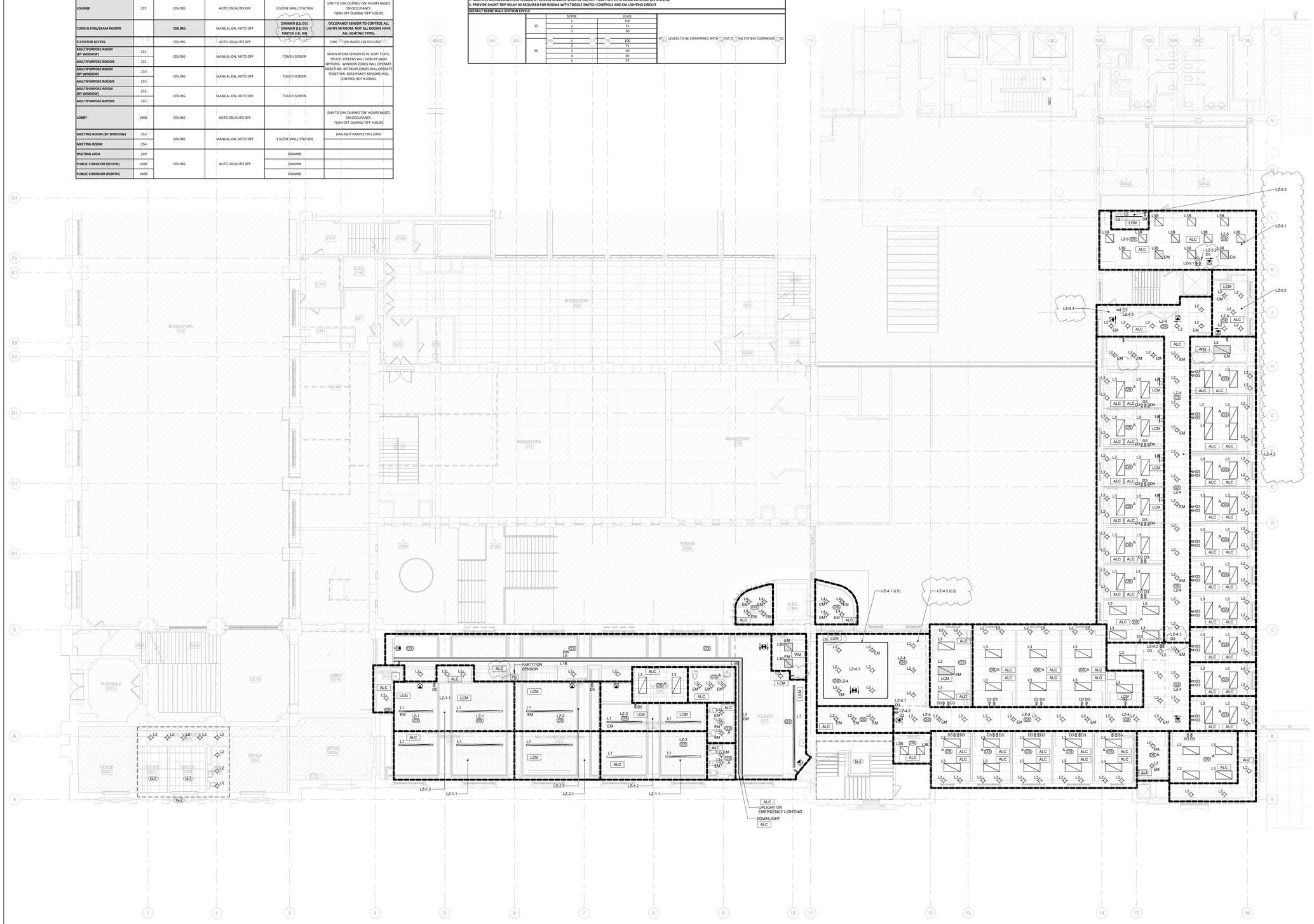
STAFF CORRIDOR	277K	CEILING	AUTO ON/AUTO OFF	DIMMER	
STAFF LOUNGE/KITCHENETTE	280				
STAFF LOUNGE/KITCHENETTE	280		MANUAL ON/AUTO OFF	WALL SWITCH	UNDER CABINET LIGHT
RECEPTION	242	CEILING	MANUAL ON, AUTO OFF	3 SCENE WALL STATION	

NOTE:
1. UNLESS NOTED OTHERWISE, ALL SENSORS TO BE SET TO 20 MINUTE OFF DELAY
2. MULTIPLE AREAS/ZONES CONTROLLED BY CEILING SENSORS SHALL BE ON/OFF TOGETHER WITH LOCAL CONTROL (AS SHOWN)
3. PROVIDE SHUNT TRIP RELAY AS REQUIRED FOR ROOMS WITH TOGGLE SWITCH CONTROLS AND EM LIGHTING CIRCUIT

DEFAULT SCENE WALL STATION LEVELS

	SCENE	LEVEL
35	1	100
	2	75
	3	50
55	1	100
	2	75
	3	50
	4	40
	5	25

LEVELS TO BE CONFIRMED WITH DURING SYSTEM COMMISSIONING



GENERAL NOTES:

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH INTERIOR DESIGNER'S/ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
2. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION.
3. PROVIDE EMT CONDUIT IN AREAS WITH EXPOSED CEILINGS. BX CABLING IS NOT ACCEPTABLE UNLESS OTHERWISE NOTED. BX CABLES MAY BE USED FOR FINAL CONNECTIONS TO LIGHTING AND MECHANICAL EQUIPMENT WITH A MAXIMUM HORIZONTAL RUN LENGTH OF 3 FEET / 1 METER. PAINT CONDUITS TO MATCH ARCHITECTURAL BACKGROUNDS. MOUNT EXIT SIGNS, OCCUPANCY SENSORS, EXIT SIGNS, CAMERAS, WAPS AND ALL OTHER CEILING MOUNTED DEVICES WITH STEMS SUCH THAT THEY ARE ON THE SAME PLANE AS SUSPENDED LIGHTING FIXTURES. COORDINATE CEILINGS AND WALL HEIGHTS WITH INTERIOR DESIGNER DRAWINGS.
4. ALL NEW/RELOCATED/REINSTALLED BASE BUILDING STANDARD LUMINAIRES AND NEW RECESSED DOWN LIGHTS SHALL BE CHAIN HUNG AND SUPPORTED FROM THE SLAB ABOVE. PROVIDE LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
5. RELAMP EXISTING AND RELOCATED LUMINAIRES DUE TO BURNOUT CONDITIONS AND REPLACE FAULTY BALLASTS AS REQUIRED. INCLUDE IN BASE PRICE.
6. MEASURE THE ILLUMINATION OF THE FLOOR AT NIGHT WITH EMERGENCY LIGHTING ON ONLY, AND SEND A DRAWING SHOWING THE MAXIMUM AND MINIMUM LEVEL OF ILLUMINATION, TO THE CONSULTING ENGINEER, FOR REVIEW. PROVIDE WRITTEN CONFIRMATION THAT EMERGENCY LIGHTING HAS BEEN INSTALLED IN ACCORDANCE WITH CONTRACT DOCUMENTS AND LATEST EDITION OF THE ONTARIO BUILDING CODE SECTIONS 3.2.7.3 AND 3.2.7.4. LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
7. PROVIDE NEW PICTOGRAM (RUNNING MAN) TYPE EXIT SIGNS. FACES AND INDICATOR ARROWS AS PER DRAWINGS AND UNIVERSAL 120-347VAC. CONNECT NEW EXIT SIGNS TO THE EXIT LIGHTING CIRCUIT SERVING THIS AREA. DO NOT OVERLOAD THE CIRCUIT. ALLOW FOR FIVE (5) ADDITIONAL EXIT SIGNS PER FLOOR (COMPLETE WITH MATERIAL AND LABOUR) TO BE INSTALLED AS PER BUILDING INSPECTORS REQUIREMENTS UPON FINAL INSPECTION.
8. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.
9. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.
10. LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS.
11. REMOVE ALL PAGING/AUDIO SPEAKERS IN RENOVATED AREA NOT SHOWN ON PLANS. ALL "EXISTING TO REMAIN" SPEAKERS TO BE FIRE ALARM EVAC SPEAKERS ONLY.
12. ALL CEILING MOUNTED OCCUPANCY SENSORS PROVIDED AS PART OF THIS SCOPE OF WORK MUST BE LOCATED AT LEAST 610" AWAY FROM ANY SUPPLY AIR DIFFUSER AND RETURN AIR GRILLE AS PER MANUFACTURER'S RECOMMENDATION. COORDINATE INSTALLATION ON SITE WITH MECHANICAL CONTRACTOR PRIOR TO COMMENCING WORK.
13. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING SHOWN IS FOR REFERENCE PURPOSES ONLY.

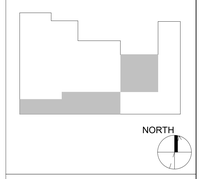
DRAWING NOTES:

N-1 LIGHTING/CEILING DEVICES IN THIS AREA TO BE REMOVED AND REINSTALLED AS REQUIRED TO ACCOMMODATE MECHANICAL WORK IN THIS AREA. COORDINATE THIS SCOPE OF WORK WITH MECHANICAL.

N-2 EXISTING LIGHTING CONTROL IN THIS AREA TO REMAIN.

N-3 EXISTING LIGHT FIXTURES IN THIS AREA TO REMAIN

KEY PLAN :



REVISION

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6	2025-01-31	ISSUED FOR BID
10	2025-03-25	BID ADDENDUM #04
11	2025-03-28	BID ADDENDUM #05

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t: 647-948-7523
www.enformarchitects.com

SEAL :

OWNER:

UNIVERSITY OF TORONTO

PROJECT :

HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

214 COLLEGE ST,
TORONTO, ON M5T 3A1

SHEET CONTENTS :

LEVEL 02 - LIGHTING CONTROL PLAN

PROJECT NUMBER :
21590.003

DRAWING SCALE :
1 : 100

DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

SHEET NO :
E402-A

REV :
11

AREA	ROOM #	OCCUPANCY SENSOR (WALL/CEILING)	ON/OFF	LOCAL CONTROL (SWITCH, WALL STATION, DIMMER)	NOTES
CUSTODIAL ROOMS/STORAGE		WALL	AUTO ON/AUTO OFF		
WASHROOMS		CEILING	AUTO ON/AUTO OFF		LIGHTING ON EM CCT
BF WASHROOM & SHOWER	399A			TOGGLE SWITCH	LIGHTING ON EM CCT
ELECTRICAL CLOSET/ROOMS				TOGGLE SWITCH	LIGHTING ON EM CCT
IT CLOSET				TOGGLE SWITCH	LIGHTING ON EM CCT
LOBBY	360V	CEILING	AUTO ON/AUTO OFF		DIM TO 50% BASED ON OCCUPANCY.
CONSULTING/EXAM ROOMS		CEILING	MANUAL ON, AUTO OFF	DIMMER (L3; D3) DIMMER (L2; D3) SWITCH (L8; D4)	OCCUPANCY SENSOR TO CONTROL ALL LIGHTS IN ROOM. NOT ALL ROOMS HAVE ALL LIGHTING TYPES.
ELEVATOR ACCESS		CEILING	AUTO ON/AUTO OFF		DIM TO 50% BASED ON OCCUPANCY.
ELEVATOR VESTIBULE	325V	CEILING	AUTO ON/AUTO OFF		DIM TO 50% BASED ON OCCUPANCY.
STAFF CORRIDOR	320K	CEILING	AUTO ON/AUTO OFF	DIMMER	DIM TO 50% BASED ON OCCUPANCY.
LOUNGE	307			DIMMER	
PUBLIC CORRIDOR	305K			DIMMER	
CORRIDOR	340K	CEILING	AUTO ON/AUTO OFF	DIMMER	
SUB-WAITING AREA	344,352				
SUB-WAITING AREA	357			DIMMER	
EXIT CORRIDOR	357K	CEILING	AUTO ON/AUTO OFF	DIMMER	DIM TO 50% BASED ON OCCUPANCY.
WAITING AREA	360	CEILING	AUTO ON/AUTO OFF	DIMMER	DIM TO 50% BASED ON OCCUPANCY.
CORRIDOR	370K			DIMMER	
VACCINE SEATING AREA	377			DIMMER	
CORRIDOR	397K			DIMMER	
MEETING/LUNCH	398	CEILING	AUTO ON/AUTO OFF	DIMMER	AUTO ON TO 50%

LOCKERS	399	(FIXTURES TO BE ON/OFF TOGETHER)	AUTO ON/AUTO OFF	DIMMER	AUTO ON TO 50%
MEETING/LUNCH (L4 FIXTURE)	398		MANUAL ON/ AUTO OFF	WALL SWITCH	UNDER CABINET LIGHT

NOTE:
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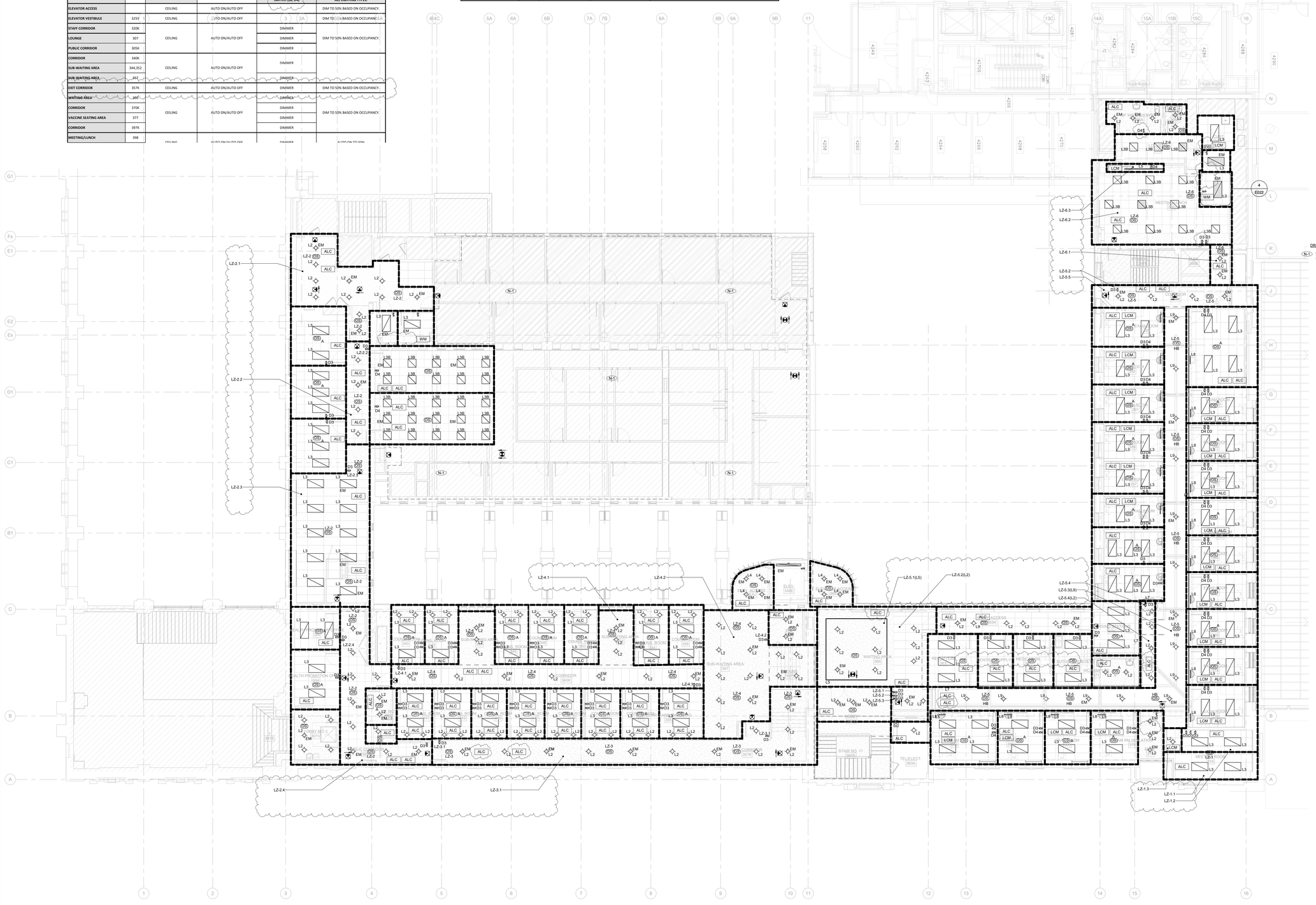
2. MULTIPLE AREAS/ZONES CONTROLLED BY CEILING SENSORS SHALL BE ON/OFF TOGETHER WITH LOCAL CONTROL (AS SHOWN)
3. PROVIDE SHUNT TRIP RELAY AS REQUIRED FOR ROOMS WITH TOGGLE SWITCH CONTROLS AND EM LIGHTING CIRCUIT

DEFAULT SCENE WALL STATION LEVELS

	SCENE	LEVEL	
3S	1	100	FINAL LEVELS TO BE CONFIRMED WITH CLIENT DURING SYSTEM COMMISSIONING.
	2	75	
	3	50	
5S	1	100	
	2	75	
	3	50	
	4	40	
	5	25	



GENERAL NOTES:

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6. MEASURE THE ILLUMINATION OF THE FLOOR AT NIGHT WITH EMERGENCY LIGHTING ON ONLY, AND SEND A DRAWING SHOWING THE MAXIMUM AND MINIMUM LEVEL OF ILLUMINATION, TO THE CONSULTING ENGINEER, FOR REVIEW. PROVIDE WRITTEN CONFIRMATION THAT EMERGENCY LIGHTING HAS BEEN INSTALLED IN ACCORDANCE WITH CONTRACT DOCUMENTS AND LATEST EDITION OF THE ONTARIO BUILDING CODE SECTIONS 3.2.7.3 AND 3.2.7.4. LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
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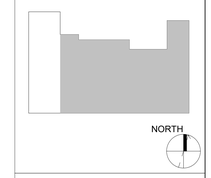
DRAWING NOTES:

N-1 WALLS SHOWN IN THIS HATCHED AREA ARE FOR REFERENCE ONLY. SPACE WILL BE IN SHELL CONDITION.

KEY PLAN :



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www.enformarchitects.com

SEAL :

OWNER:

UNIVERSITY OF TORONTO

PROJECT :
HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

214 COLLEGE ST,
TORONTO, ON M5T 3A1

SHEET CONTENTS :
LEVEL 03 - LIGHTING CONTROL PLAN

PROJECT NUMBER :
21590.003

DRAWING SCALE :
1 : 100

DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

SHEET NO : **E403-A**

REV : **11**

Smith + Andersen

1100 – 100 Sheppard Ave. East, Toronto ON M2N 6N5
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ADDENDUM

PROJECT NAME:	Health And Wellness Centre Renovation at Koffler		
COMPANY:	Enform		
ATTENTION:	Alan Fraser		
PROJECT NO.:	21590.003.D.001	DATE:	2025-03-28
ADDENDUM NO.:	ADD-D-05	ISSUED BY:	Joshua Blizzard

The following amendments are hereby made as part of the Contract Documents. The following revisions and/or additions shall be made to contract documents and the cost shall be included in the Tender Price.

1.0 DRAWINGS

1.1 Refer to Drawing TC-0.2 – Communications Telecom Rooms Details (included herein)

1.1.1 Replace entire drawing with one attached.

1.1.2 Revise cabling requirements on backboard, clarify PDU connections.

1.2 Refer to Drawing TC-0.3 – Communications Riser Diagram (included herein)

1.2.1 Replace entire drawing with one attached.

1.2.2 Clarify where F&S cables terminate on L1 Mezzanine.

1.3 Refer to Drawing TC-B1.1 – Basement Level Communications Layout (included herein)

1.3.1 Attached for reference only.

1.4 Refer to Drawing TC-1.2 – 1st Floor Wireless Access Point Plan (included herein)

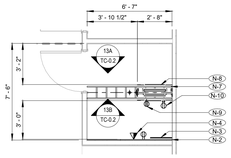
1.4.1 Attached for reference only.

1.5 Refer to Drawing TC-2.2 – 2nd Floor Wireless Access Points Plan (included herein)

1.5.1 Attached for reference only.

END OF TELECOMMUNICATIONS ADDENDUM

21590.003.D.001add005.docx



NOTES:

N-1 THIS DRAWING IS FOR SCHEMATIC PURPOSE. QUANTITIES TO SUIT CABLING REQUIREMENTS AS PER DRAWING. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

N-2 3/4"T X 8'H X 4'W FIRE RATED PLYWOOD BACKBOARD PAINTED WITH TWO (2) COATS OF NON-CONDUCTIVE FIRE RETARDANT WHITE PAINT (BY ELECTRICAL) (TYP).

N-3 TELECOMMUNICATION GROUNDING BUSBAR (T.G.B.) MOUNTED AT THE TOP OF THE BACKBOARD (BY ELECTRICAL). BONDING OF RACKS TO THE BUS BAR SHALL BE BY COMMUNICATIONS CONTRACTOR.

N-4 ONE (1) 5-20R DUPLEX RECEPTACLE (BY ELECTRICAL CONTRACTOR) AND TWO DATA CABLES ON DECORA OUTLET FOR MISCELLANEOUS USE (BY COMMUNICATIONS CONTRACTOR) (TYP).

N-5 NOT USED.

N-6 NOT USED.

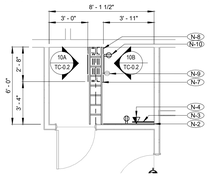
N-7 12" X 4" OVERHEAD CABLE TRAY (LADDER) FOR COMMUNICATIONS, INSTALLED APPROXIMATELY 8' ABOVE FINISHED FLOOR (BY ELECTRICAL). PROVIDE WATERFALL ACCESSORY TO DRESS CABLING. (TYP).

N-8 19" 45U FLOOR MOUNTED 2-POST RACK FOR HORIZONTAL DATA CABLE, FIBRE BACKBONE AND COPPER TIE CABLE TERMINATIONS WITH VERTICAL CABLE MANAGER (TYP).

N-9 ONE (1) L5-30R RECEPTACLE MOUNTED ON CABLE TRAY (BY ELECTRICAL) (TYP).

N-10 ONE (1) 5-15R RECEPTACLE MOUNTED ON RACK (BY ELECTRICAL) (TYP).

13 / TC-0.2 I.T. CLOSET 399E PLAN DETAIL
1 : 50



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N-5 NOT USED.

N-6 NOT USED.

N-7 12" X 4" OVERHEAD CABLE TRAY (LADDER) FOR COMMUNICATIONS, INSTALLED APPROXIMATELY 8' ABOVE FINISHED FLOOR (BY ELECTRICAL). PROVIDE WATERFALL ACCESSORY TO DRESS CABLING. (TYP).

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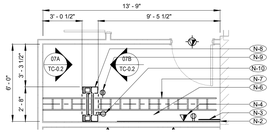
N-10 ONE (1) 5-15R RECEPTACLE MOUNTED ON RACK (BY ELECTRICAL) (TYP).

10 / TC-0.2 I.T. CLOSET 325 PLAN DETAIL
1 : 50



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N-5 NOT USED.

N-6 NOT USED.

N-7 12" X 4" OVERHEAD CABLE TRAY (LADDER) FOR COMMUNICATIONS, INSTALLED APPROXIMATELY 8' ABOVE FINISHED FLOOR (BY ELECTRICAL). PROVIDE WATERFALL ACCESSORY TO DRESS CABLING. (TYP).

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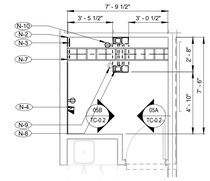
N-10 ONE (1) 5-15R RECEPTACLE MOUNTED ON RACK (BY ELECTRICAL) (TYP).

7 / TC-0.2 I.T. CLOSET 277 PLAN DETAIL
1 : 50



NOTES:

N-1 THIS DRAWING IS FOR SCHEMATIC PURPOSE. QUANTITIES TO SUIT CABLING REQUIREMENTS AS PER DRAWING. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

N-2 3/4"T X 8'H X 4'W FIRE RATED PLYWOOD BACKBOARD PAINTED WITH TWO (2) COATS OF NON-CONDUCTIVE FIRE RETARDANT WHITE PAINT (BY ELECTRICAL) (TYP).

N-3 TELECOMMUNICATION GROUNDING BUSBAR (T.G.B.) MOUNTED AT THE TOP OF THE BACKBOARD (BY ELECTRICAL). BONDING OF RACKS TO THE BUS BAR SHALL BE BY COMMUNICATIONS CONTRACTOR.

N-4 ONE (1) 5-20R DUPLEX RECEPTACLE (BY ELECTRICAL CONTRACTOR) AND TWO DATA CABLES ON DECORA OUTLET FOR MISCELLANEOUS USE (BY COMMUNICATIONS CONTRACTOR) (TYP).

N-5 NOT USED.

N-6 NOT USED.

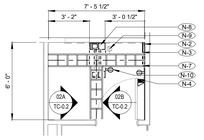
N-7 12" X 4" OVERHEAD CABLE TRAY (LADDER) FOR COMMUNICATIONS, INSTALLED APPROXIMATELY 8' ABOVE FINISHED FLOOR (BY ELECTRICAL). PROVIDE WATERFALL ACCESSORY TO DRESS CABLING. (TYP).

N-8 19" 45U FLOOR MOUNTED 2-POST RACK FOR HORIZONTAL DATA CABLE, FIBRE BACKBONE AND COPPER TIE CABLE TERMINATIONS WITH VERTICAL CABLE MANAGER (TYP).

N-9 ONE (1) L5-30R RECEPTACLE MOUNTED ON CABLE TRAY (BY ELECTRICAL) (TYP).

N-10 ONE (1) 5-15R RECEPTACLE MOUNTED ON RACK (BY ELECTRICAL) (TYP).

4 / TC-0.2 I.T. CLOSET 238 PLAN DETAIL
1 : 50



NOTES:

N-1 THIS DRAWING IS FOR SCHEMATIC PURPOSE. QUANTITIES TO SUIT CABLING REQUIREMENTS AS PER DRAWING. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

N-2 3/4"T X 8'H X 4'W FIRE RATED PLYWOOD BACKBOARD PAINTED WITH TWO (2) COATS OF NON-CONDUCTIVE FIRE RETARDANT WHITE PAINT (BY ELECTRICAL) (TYP).

N-3 TELECOMMUNICATION GROUNDING BUSBAR (T.G.B.) MOUNTED AT THE TOP OF THE BACKBOARD (BY ELECTRICAL). BONDING OF RACKS TO THE BUS BAR SHALL BE BY COMMUNICATIONS CONTRACTOR.

N-4 ONE (1) 5-20R DUPLEX RECEPTACLE (BY ELECTRICAL CONTRACTOR) AND TWO DATA CABLES ON DECORA OUTLET FOR MISCELLANEOUS USE (BY COMMUNICATIONS CONTRACTOR) (TYP).

N-5 NOT USED.

N-6 NOT USED.

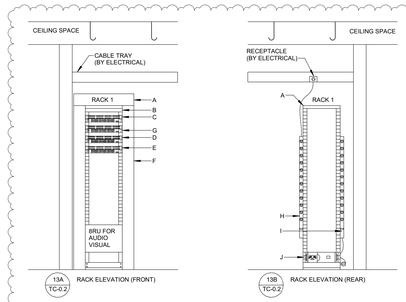
N-7 12" X 4" OVERHEAD CABLE TRAY (LADDER) FOR COMMUNICATIONS, INSTALLED APPROXIMATELY 8' ABOVE FINISHED FLOOR (BY ELECTRICAL). PROVIDE WATERFALL ACCESSORY TO DRESS CABLING. (TYP).

N-8 19" 45U FLOOR MOUNTED 2-POST RACK FOR HORIZONTAL DATA CABLE, FIBRE BACKBONE AND COPPER TIE CABLE TERMINATIONS WITH VERTICAL CABLE MANAGER (TYP).

N-9 ONE (1) L5-30R RECEPTACLE MOUNTED ON CABLE TRAY (BY ELECTRICAL) (TYP).

N-10 ONE (1) 5-15R RECEPTACLE MOUNTED ON RACK (BY ELECTRICAL) (TYP).

1 / TC-0.2 I.T. CLOSET 122 PLAN DETAIL
1 : 50



13A / TC-0.2 RACK ELEVATION (FRONT)

13B / TC-0.2 RACK ELEVATION (REAR)

NOTES:

N-1 FOR COMPONENTS LISTED BELOW, COMMUNICATIONS CONTRACTOR SHALL REFERENCE COMMUNICATIONS SPECIFICATION FOR REQUIREMENTS. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

A. 19" 45U FLOOR MOUNTED TELECOMMUNICATIONS 2-POST RACK. (TYP.)

B. FIBER PATCH PANEL AND FIBER CONNECTIVITY: REFER TO COMMUNICATION RISER DIAGRAM FOR DETAILS.

C. MODULAR PATCH PANEL FOR HORIZONTAL DATA CABLING.

D. MODULAR PATCH PANEL FOR WIRELESS ACCESS POINT CABLING.

E. MODULAR PATCH PANEL FOR F&S CABLING.

F. 6" VERTICAL CABLE MANAGEMENT PANEL (TYP.)

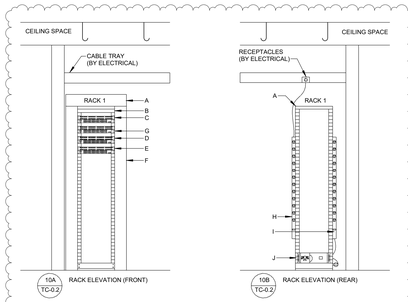
G. ACTIVE EQUIPMENT (BY OWNER).

H. VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-20 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA L5-30 INPUT PLUG. CONNECT TO RECEPTACLE ON CABLE TRAY. (TYP).

I. F&S VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-15 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA 5-15 INPUT PLUG. CONNECT TO UPS. (TYP).

J. UPS BY OWNER (TYP.)

14 / TC-0.2 LEVEL 03 COMMUNICATIONS RACK ELEVATION DETAIL - I.T. 399C CLOSET
NTS



10A / TC-0.2 RACK ELEVATION (FRONT)

10B / TC-0.2 RACK ELEVATION (REAR)

NOTES:

N-1 FOR COMPONENTS LISTED BELOW, COMMUNICATIONS CONTRACTOR SHALL REFERENCE COMMUNICATIONS SPECIFICATION FOR REQUIREMENTS. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

A. 19" 45U FLOOR MOUNTED TELECOMMUNICATIONS 2-POST RACK. (TYP.)

B. FIBER PATCH PANEL AND FIBER CONNECTIVITY: REFER TO COMMUNICATION RISER DIAGRAM FOR DETAILS.

C. MODULAR PATCH PANEL FOR HORIZONTAL DATA CABLING.

D. MODULAR PATCH PANEL FOR WIRELESS ACCESS POINT CABLING.

E. MODULAR PATCH PANEL FOR F&S CABLING.

F. 6" VERTICAL CABLE MANAGEMENT PANEL (TYP.)

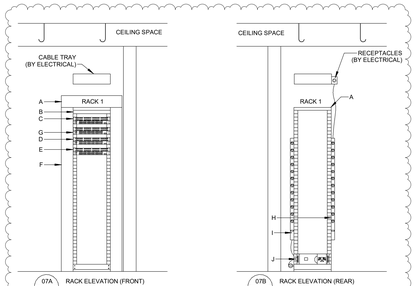
G. ACTIVE EQUIPMENT (BY OWNER).

H. VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-20 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA L5-30 INPUT PLUG. CONNECT TO RECEPTACLE ON CABLE TRAY. (TYP).

I. F&S VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-15 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA 5-15 INPUT PLUG. CONNECT TO UPS. (TYP).

J. UPS BY OWNER (TYP.)

11 / TC-0.2 LEVEL 03 COMMUNICATIONS RACK ELEVATION DETAIL - I.T. 327 CLOSET
NTS



07A / TC-0.2 RACK ELEVATION (FRONT)

07B / TC-0.2 RACK ELEVATION (REAR)

NOTES:

N-1 FOR COMPONENTS LISTED BELOW, COMMUNICATIONS CONTRACTOR SHALL REFERENCE COMMUNICATIONS SPECIFICATION FOR REQUIREMENTS. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

A. 19" 45U FLOOR MOUNTED TELECOMMUNICATIONS 2-POST RACK. (TYP.)

B. FIBER PATCH PANEL AND FIBER CONNECTIVITY: REFER TO COMMUNICATION RISER DIAGRAM FOR DETAILS.

C. MODULAR PATCH PANEL FOR HORIZONTAL DATA CABLING.

D. MODULAR PATCH PANEL FOR WIRELESS ACCESS POINT CABLING.

E. MODULAR PATCH PANEL FOR F&S CABLING.

F. 6" VERTICAL CABLE MANAGEMENT PANEL (TYP.)

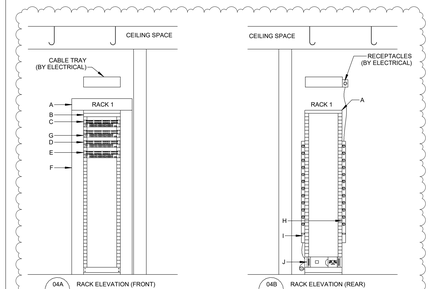
G. ACTIVE EQUIPMENT (BY OWNER).

H. VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-20 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA L5-30 INPUT PLUG. CONNECT TO RECEPTACLE ON CABLE TRAY. (TYP).

I. F&S VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-15 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA 5-15 INPUT PLUG. CONNECT TO UPS. (TYP).

J. UPS BY OWNER (TYP.)

8 / TC-0.2 LEVEL 02 COMMUNICATIONS RACK ELEVATION DETAIL - I.T. 277 CLOSET
NTS



04A / TC-0.2 RACK ELEVATION (FRONT)

04B / TC-0.2 RACK ELEVATION (REAR)

NOTES:

N-1 FOR COMPONENTS LISTED BELOW, COMMUNICATIONS CONTRACTOR SHALL REFERENCE COMMUNICATIONS SPECIFICATION FOR REQUIREMENTS. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

A. 19" 45U FLOOR MOUNTED TELECOMMUNICATIONS 2-POST RACK. (TYP.)

B. FIBER PATCH PANEL AND FIBER CONNECTIVITY: REFER TO COMMUNICATION RISER DIAGRAM FOR DETAILS.

C. MODULAR PATCH PANEL FOR HORIZONTAL DATA CABLING.

D. MODULAR PATCH PANEL FOR WIRELESS ACCESS POINT CABLING.

E. MODULAR PATCH PANEL FOR F&S CABLING.

F. 6" VERTICAL CABLE MANAGEMENT PANEL (TYP.)

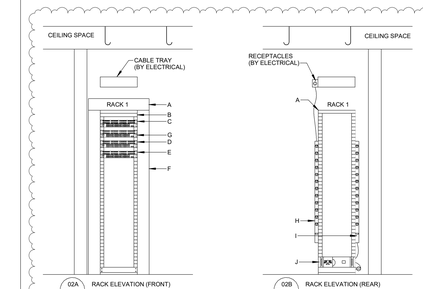
G. ACTIVE EQUIPMENT (BY OWNER).

H. VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-20 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA L5-30 INPUT PLUG. CONNECT TO RECEPTACLE ON CABLE TRAY. (TYP).

I. F&S VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-15 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA 5-15 INPUT PLUG. CONNECT TO UPS. (TYP).

J. UPS BY OWNER (TYP.)

5 / TC-0.2 LEVEL 02 COMMUNICATIONS RACK ELEVATION DETAIL - I.T. 238 CLOSET
NTS



02A / TC-0.2 RACK ELEVATION (FRONT)

02B / TC-0.2 RACK ELEVATION (REAR)

NOTES:

N-1 FOR COMPONENTS LISTED BELOW, COMMUNICATIONS CONTRACTOR SHALL REFERENCE COMMUNICATIONS SPECIFICATION FOR REQUIREMENTS. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

A. 19" 45U FLOOR MOUNTED TELECOMMUNICATIONS 2-POST RACK. (TYP.)

B. FIBER PATCH PANEL AND FIBER CONNECTIVITY: REFER TO COMMUNICATION RISER DIAGRAM FOR DETAILS.

C. MODULAR PATCH PANEL FOR HORIZONTAL DATA CABLING.

D. MODULAR PATCH PANEL FOR WIRELESS ACCESS POINT CABLING.

E. MODULAR PATCH PANEL FOR F&S CABLING.

F. 6" VERTICAL CABLE MANAGEMENT PANEL (TYP.)

G. ACTIVE EQUIPMENT (BY OWNER).

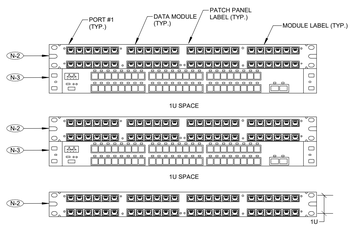
H. VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-20 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA L5-30 INPUT PLUG. CONNECT TO RECEPTACLE ON CABLE TRAY. (TYP).

I. F&S VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-15 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA 5-15 INPUT PLUG. CONNECT TO UPS. (TYP).

J. UPS BY OWNER (TYP.)

2 / TC-0.2 LEVEL 01 COMMUNICATIONS RACK ELEVATION DETAIL - I.T. 122 CLOSET
NTS

15 / TC-0.2 RESERVED
NTS



NOTES:

N-1 HORIZONTAL CABLE LABELING SCHEDULE TO FOLLOW ANSI/TIA-606-LATEST "ADMINISTRATION STANDARD FOR TELECOMMUNICATIONS AND AS PER OWNER'S PREFERRED LABELING SCHEME.

TX.Y WHERE

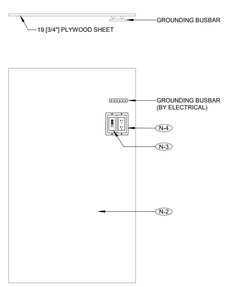
T = TYPE OF CABLE (DATA (D), VOICE (V), WIRELESS (W), AUDIO/VISUAL (AV), OR SECURITY (S)).
X = FLOOR NUMBER
Y = CABLE NUMBER (STARTING AT 001 - ...HIGHEST CABLE NUMBER)

EX D7.017
D = DATA
7= 7TH FLOOR
0.17 = 17TH CABLE

N-2 1U-48 PORT MODULAR HIGH DENSITY PATCH PANEL.

N-3 OWNER SUPPLIED ACTIVE EQUIPEMENT.

12 / TC-0.2 COMMUNICATIONS MODULAR PATCH PANEL STACKING DETAIL
NTS



NOTES:

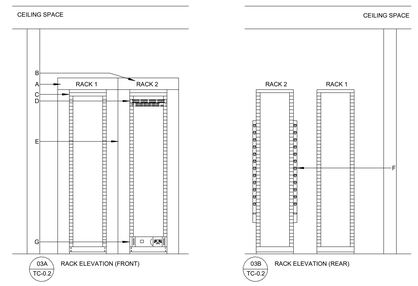
N-1 ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

N-2 BACKBOARD AND SUPPORTING MATERIALS SHALL BE SUPPLIED AND INSTALLED BY ELECTRICAL.

N-3 TWO (2) DATA CABLES FOR MISCELLANEOUS USE.

N-4 ONE (1) 5-20R DUPLEX RECEPTACLE BY ELECTRICAL.

9 / TC-0.2 COMMUNICATIONS BACKBOARD ELEVATION DETAIL
NTS



03A / TC-0.2 RACK ELEVATION (FRONT)

03B / TC-0.2 RACK ELEVATION (REAR)

NOTES:

N-1 FOR COMPONENTS LISTED BELOW, COMMUNICATIONS CONTRACTOR SHALL REFERENCE COMMUNICATIONS SPECIFICATION FOR REQUIREMENTS. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.

A. EXISTING 2-POST RACK.

B. 19" 45U FLOOR MOUNTED TELECOMMUNICATIONS 2-POST RACK. (TYP.)

C. FIBER PATCH PANEL AND FIBER CONNECTIVITY: REFER TO COMMUNICATION RISER DIAGRAM FOR DETAILS.

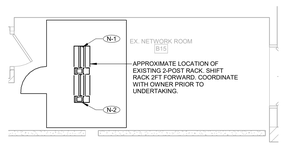
D. MODULAR PATCH PANEL FOR HORIZONTAL DATA CABLING. REFER TO PATCH PANEL DETAIL (TYP.)

E. 6" VERTICAL CABLE MANAGEMENT PANEL (TYP.)

F. VERTICAL POWER BAR (PDU) BEHIND RACK WITH 12 NEMA 5-20 OUTPUT RECEPTACLES AND COMES WITH A MINIMUM OF 3M (10FT) CORD AND NEMA L5-30 INPUT PLUG. (TYP.)

G. UPS BY OWNER (TYP.)

6 / TC-0.2 LEVEL 00 COMMUNICATIONS RACK ELEVATION DETAIL - BASEMENT NETWORK ROOM B15
NTS



NOTES:

N-1 EXISTING LAN ROOM, BACKBOARDS, 2-POST RACK, ETC. TO REMAIN.

N-2 19" 45U FLOOR MOUNTED 2-POST RACK FOR HORIZONTAL DATA CABLE, FIBRE BACKBONE AND COPPER TIE CABLE TERMINATIONS WITH VERTICAL CABLE MANAGER (TYP).

N-3 ALL HORIZONTAL CABLING TO TERMINATE IN EXISTING LAN ROOM. COMMUNICATIONS CONTRACTOR TO UTILIZE EXISTING PATHWAYS.

3 / TC-0.2 BASEMENT NETWORK ROOM B15 PLAN DETAIL
1 : 50

KEY PLAN :

REVISION

NO.	DATE	DESCRIPTION
1	2024-10-04	ISSUED FOR 50%
3	2024-12-04	ISSUED FOR F&S REVIEW
6	2025-01-31	ISSUED FOR BID
9	2025-03-21	BID ADDENDUM #03
10	2025-03-25	BID ADDENDUM #04
11	2025-03-28	BID ADDENDUM #05

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Toronto, Ontario, Canada M6R 2B7
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www.enformarchitects.com

SEAL :

OWNER:

UNIVERSITY OF TORONTO

PROJECT :
HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

214 COLLEGE ST,
TORONTO, ON M5T 3A1

SHEET CONTENTS :
COMMUNICATIONS TELECOM ROOMS DETAILS

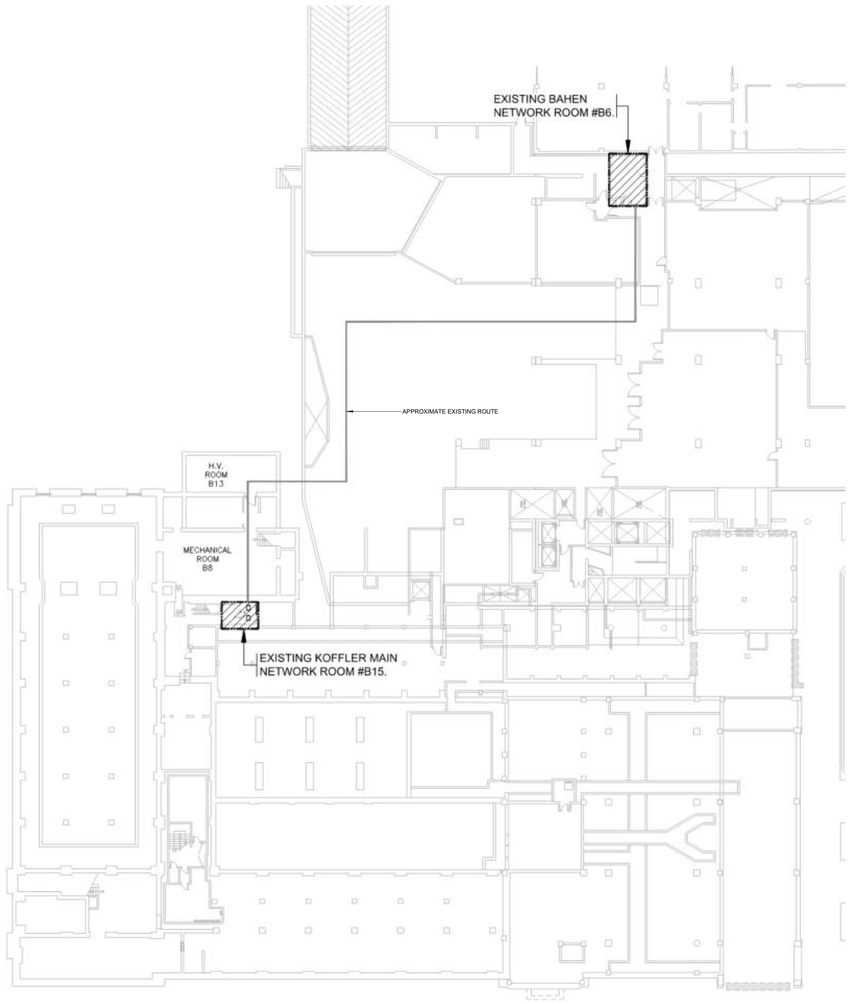
PROJECT NUMBER :
21590.003

DRAWING SCALE :
As indicated

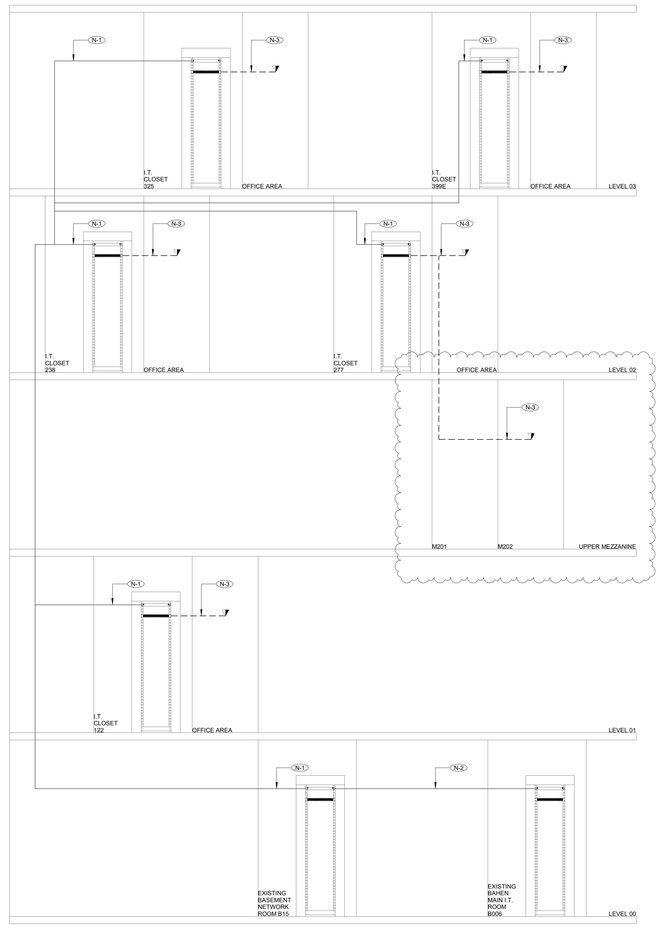
DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

SHEET NO : **TC-0.2**

REV : **11**



2 COMMUNICATIONS BASEMENT LEVEL KEYPLAN
TC-0.3 NTS



GENERAL NOTES

1. RISER IS DIAGRAMMATIC ONLY. FOR COMPONENTS LISTED BELOW REFERENCE COMMUNICATIONS SPECIFICATION FOR REQUIREMENTS.
2. ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.
3. PROVIDE ADEQUATE FIRE STOPPING AS REQUIRED.

NOTES:

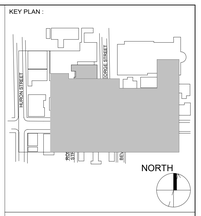
N-1 PROVIDE ONE (1) 24-STRAND SINGLEMODE, OS2, ONFP FIBER BACKBONE CABLE WITH LC CONNECTORS FROM EXISTING BASEMENT LAN ROOM TO EACH TELECOM ROOM (TYP).

N-2 PROVIDE ONE (1) ARMORED 48-STRAND SINGLEMODE, OS2, ONFP FIBER BACKBONE CABLE WITH LC CONNECTORS FROM EXISTING BAHEN MAIN I.T. ROOM B006 TO EXISTING BASEMENT NETWORK ROOM B15. ALLOW FOR 350' FT OF FIBER.

N-3 HORIZONTAL CABLING TO OFFICE AREA BY COMMUNICATIONS CONTRACTOR.

1 COMMUNICATIONS RISER DIAGRAM
TC-0.3 NTS

KEY PLAN :



REVISION

NO.	DATE	DESCRIPTION
1	2024-10-04	ISSUED FOR 50%
3	2024-12-04	ISSUED FOR F&S REVIEW
6	2025-01-31	ISSUED FOR BID
10	2025-03-25	BID ADDENDUM #04
11	2025-03-28	BID ADDENDUM #05

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www.enformarchitects.com

SEAL :

OWNER:

UNIVERSITY OF TORONTO

PROJECT :

HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

214 COLLEGE ST.
TORONTO, ON M5T 3A1

SHEET CONTENTS :

COMMUNICATIONS RISER DIAGRAM

PROJECT NUMBER :
21590.003

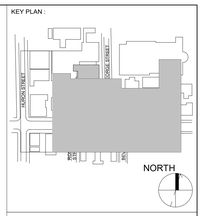
DRAWING SCALE :
NTS

DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

SHEET NO : **TC-0.3**

REV : **11**

KEY PLAN :



REVISION

NO.	DATE	DESCRIPTION
1	2024-10-04	ISSUED FOR 50%
3	2024-12-04	ISSUED FOR F&S REVIEW
6	2025-01-31	ISSUED FOR BID
10	2025-03-25	BID ADDENDUM #04
11	2025-03-28	BID ADDENDUM #05

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SEAL :

OWNER:

UNIVERSITY OF TORONTO

PROJECT :

HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

214 COLLEGE ST.
TORONTO, ON M5T 3A1

SHEET CONTENTS :

LEVEL 00 COMMUNICATIONS LAYOUT

PROJECT NUMBER :
21590.003

DRAWING SCALE :
1 : 100

DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

SHEET NO :
TC-B1.1

REV :
11

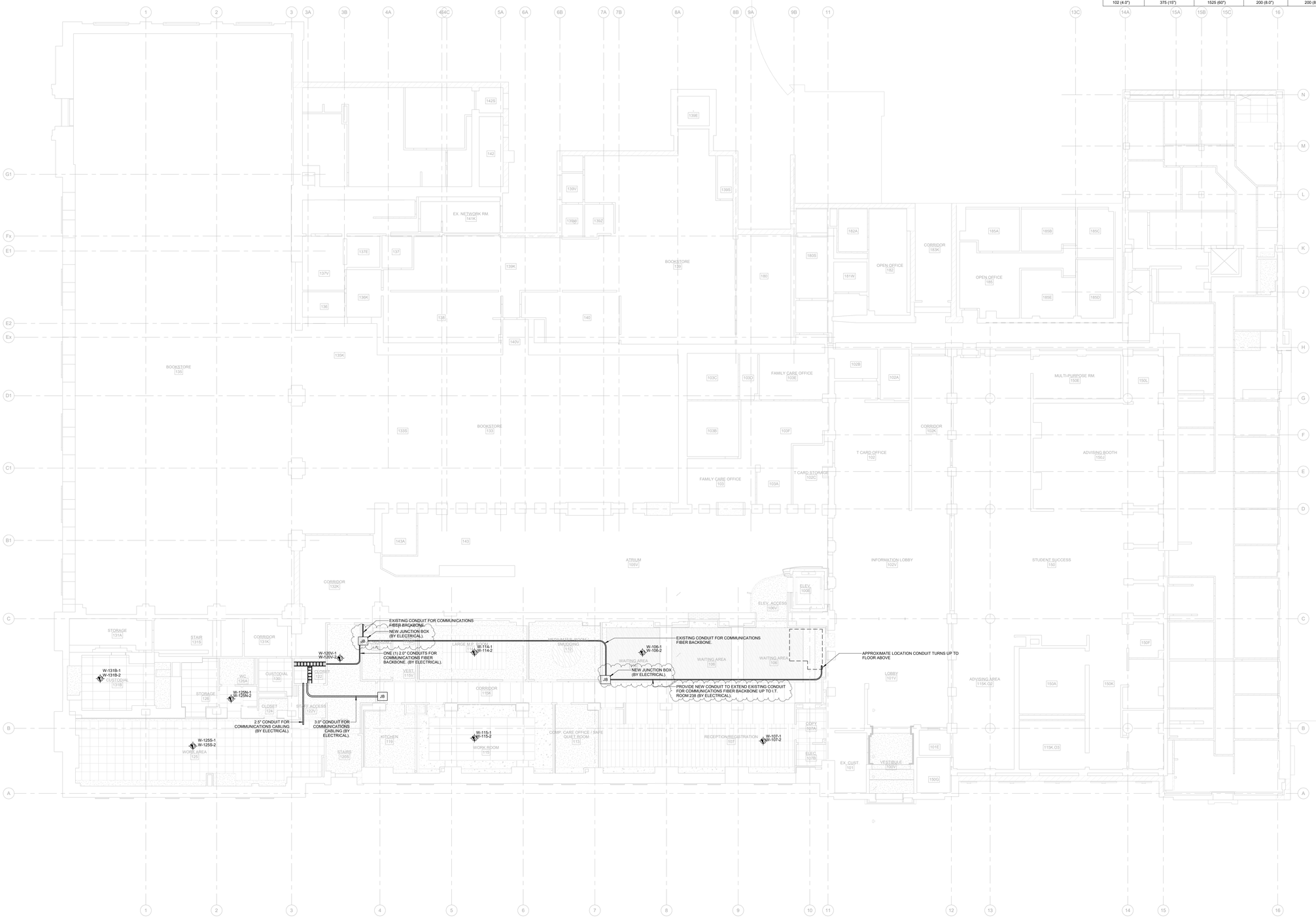
GENERAL NOTES:

1. INSTALL OWNER SUPPLIED WIRELESS ACCESS POINTS. COORDINATE WITH OWNER FOR WAP PICK UP FROM: UNIVERSITY OF TORONTO I+TS, 4 BANCROFT AVENUE, ROOM 103. USE CABLE LABELS NOTED ON PLAN.

2. ALL CONDUITS ARE PROVIDED BY ELECTRICAL CONTRACTOR. CONDUIT ROUTES SHOWN ARE DIAGRAMMATIC. ELECTRICAL CONTRACTOR TO VERIFY ROUTE ON SITE, MAKING ADJUSTMENTS AS NEEDED. ELECTRICAL CONTRACTOR TO PROVIDE PULL BOXES IN SECTIONS OF CONDUIT THAT ARE:
   - 2.1. 30M (100FT) OR LONGER,
   - 2.2. CONTAIN MORE THAN TWO 90 DEGREE BENDS, OR
   - 2.3. CONTAIN A REVERSE BEND.

3. ADEQUATE PULL BOX SIZE SHALL BE DETERMINED BASED ON TABLE BELOW:

MINIMUM SPACE REQUIREMENTS IN PULL BOXES HAVING ONE CONDUIT EACH IN OPPOSITE END OF THE BOX				
CONDUIT TRADE SIZE mm (IN)	WIDTH mm (IN)	LENGTH mm (IN)	DEPTH mm (IN)	WIDTH INCREASE PER ADDITIONAL CONDUIT mm (IN)
27 (1.0")	102 (4.0")	405 (16")	75 (3.0")	53 (2.0")
35 (1.25")	150 (6.0")	510 (20")	75 (3.0")	75 (3.0")
41 (1.5")	200 (8.0")	686 (27")	102 (4.0")	102 (4.0")
53 (2.0")	200 (8.0")	900 (36")	102 (4.0")	125 (5.0")
63 (2.5")	255 (10")	1067 (42")	125 (5.0")	150 (6.0")
75 (3.0")	300 (12")	1220 (48")	125 (5.0")	150 (6.0")
91 (3.5")	300 (12")	1370 (54")	150 (6.0")	150 (6.0")
102 (4.0")	375 (15")	1525 (60")	200 (8.0")	200 (8.0")



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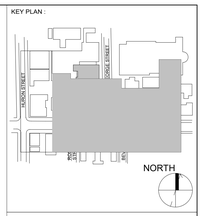

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11	2025-03-28	BID ADDENDUM #05

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SEAL :

OWNER:

UNIVERSITY OF TORONTO

PROJECT :

HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

214 COLLEGE ST.
TORONTO, ON M5T 3A1

SHEET CONTENTS :

LEVEL 01 WIRELESS ACCESS POINT PLAN

PROJECT NUMBER : **21590.003**

DRAWING SCALE : **1 : 100**

DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

SHEET NO : **TC-1.2**

REV : **11**

DRAWING NOTES:

N-1 COMMUNICATIONS CABLES LOCATED FROM THE DIVIDING LINE TO THE DIRECTION OF THE ARROW ARE TO BE TERMINATED AT I.T. CLOSET 235.

N-2 COMMUNICATIONS CABLES LOCATED FROM THE DIVIDING LINE TO THE DIRECTION OF THE ARROW ARE TO BE TERMINATED AT I.T. ROOM 277.

N-3 CONDUITS FOR COMMUNICATIONS ROUGH-INS TERMINATE AT NEAREST JUNCTION BOX.

N-4 0.75" CONDUIT FOR WIRELESS ACCESS POINT TERMINATED ON A JUNCTION BOX TO CONDUIT SPINE (BY ELECTRICAL).

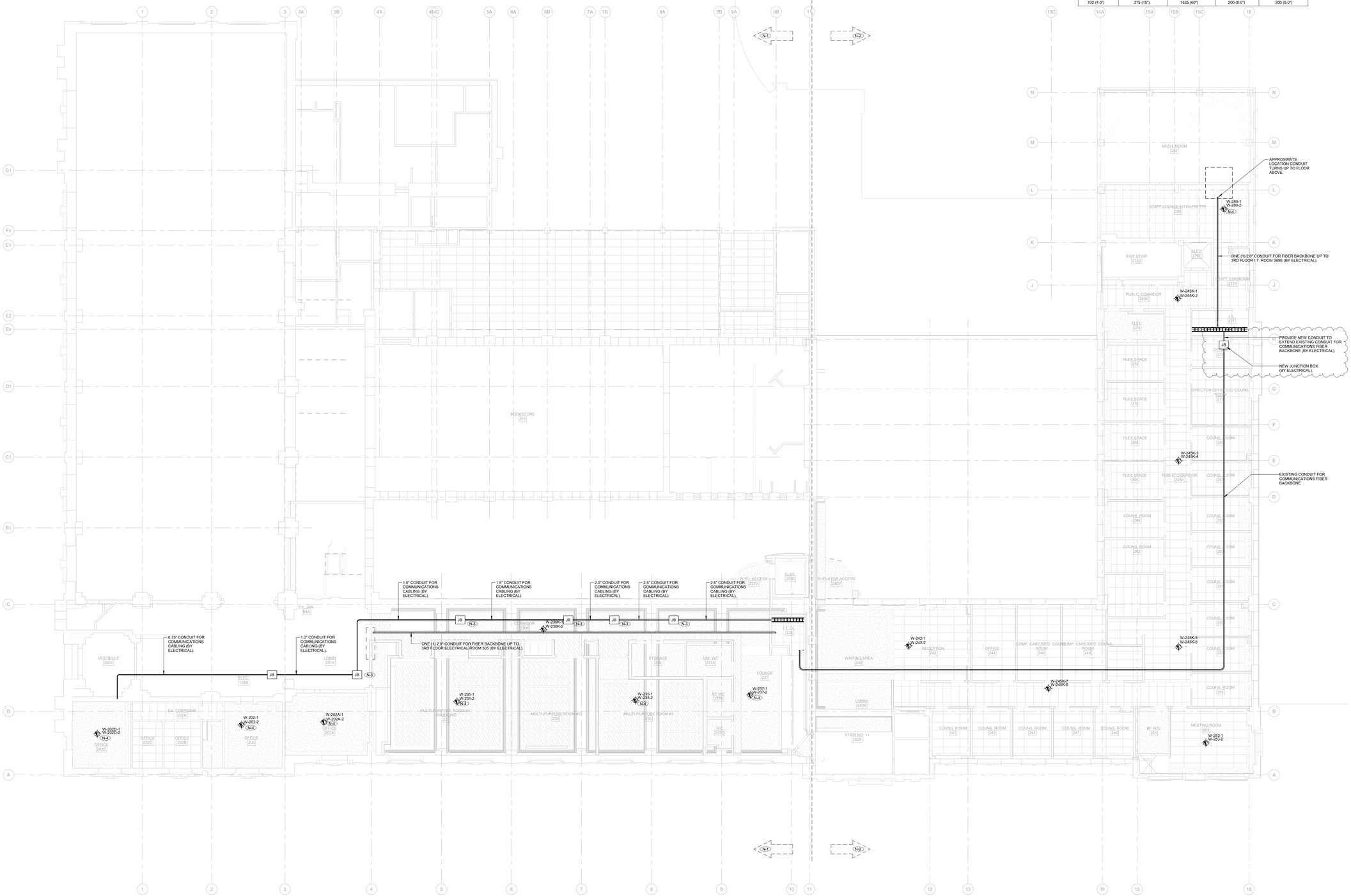
GENERAL NOTES:

1. INSTALL OWNER SUPPLIED WIRELESS ACCESS POINTS, COORDINATE WITH OWNER FOR WAP PICK UP FROM: UNIVERSITY OF TORONTO I+TS, 4 BANCROFT AVENUE; ROOM 103. USE CABLE LABELS NOTED ON PLAN.

2. ALL CONDUITS ARE PROVIDED BY ELECTRICAL CONTRACTOR. CONDUIT ROUTES SHOWN ARE DIAGRAMMATIC. ELECTRICAL CONTRACTOR TO VERIFY ROUTE ON SITE, MAKING ADJUSTMENTS AS NEEDED. ELECTRICAL CONTRACTOR TO PROVIDE PULL BOXES IN SECTIONS OF CONDUIT THAT ARE:
   - 2.1. 30M (100FT) OR LONGER,
   - 2.2. CONTAIN MORE THAN TWO 90 DEGREE BENDS, OR
   - 2.3. CONTAIN A REVERSE BEND.

3. ADEQUATE PULL BOX SIZE SHALL BE DETERMINED BASED ON TABLE BELOW:

MINIMUM SPACE REQUIREMENTS IN PULL BOXES HAVING ONE CONDUIT EACH IN OPPOSITE END OF THE BOX				
CONDUIT TRADE SIZE mm (IN)	WIDTH mm (IN)	LENGTH mm (IN)	DEPTH mm (IN)	WIDTH INCREASE PER ADDITIONAL CONDUIT mm (IN)
27 (1.0")	102 (4.0")	405 (16")	75 (3.0")	53 (2.0")
35 (1.25")	150 (6.0")	510 (20")	75 (3.0")	75 (3.0")
41 (1.5")	200 (8.0")	686 (27")	102 (4.0")	102 (4.0")
53 (2.0")	200 (8.0")	900 (36")	102 (4.0")	125 (5.0")
63 (2.5")	255 (10")	1067 (42")	125 (5.0")	150 (6.0")
75 (3.0")	300 (12")	1220 (48")	125 (5.0")	150 (6.0")
91 (3.5")	300 (12")	1370 (54")	150 (6.0")	150 (6.0")
102 (4.0")	375 (15")	1525 (60")	200 (8.0")	200 (8.0")



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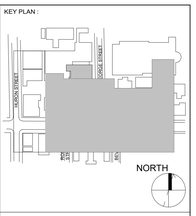

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HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

214 COLLEGE ST.
TORONTO, ON M5T 3A1

SHEET CONTENTS :

LEVEL 02 WIRELESS ACCESS POINT PLAN

PROJECT NUMBER :
21590.003

DRAWING SCALE :
1 : 100

DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

SHEET NO : **TC-2.2**

REV : **11**

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ADDENDUM

PROJECT NAME:	HEALTH & WELLNESS CENTER RENOVATION AT KOFFLER		
COMPANY:	ENFORM		
ATTENTION:	Alan Fraser		
PROJECT NO.:	21590.003.ESS.003	DATE:	2025-03-28
ADDENDUM NO.:	05	ISSUED BY:	Joy Abdelaal

The following amendments are hereby made as part of the Contract Documents. The following revisions and/or additions shall be made to contract documents and the cost shall be included in the Tender Price.

1.0 FIRE ALARM & SECURITY DRAWINGS

1.1 Refer to E501 LEVEL 01 - FIRE ALARM & SECURITY PLAN (included herein)

1.1.1 Wireless node added near storage 131A.

1.1.2 Power supply relocated within IT Closet 122.

1.2 Refer to E502 LEVEL 02 - FIRE ALARM & SECURITY PLAN (included herein)

1.2.1 Power supply relocated within IT Room 277.

1.3 Refer to E503 LEVEL 03 - FIRE ALARM & SECURITY PLAN (included herein)

1.3.1 Power supply relocated within IT Room 325B.

2.0 CLARIFICATION

2.1.1 The updates indicating the locations of the locks power supplies within IT rooms/closets.

END OF ELECTRONIC SAFETY AND SECURITY ADDENDUM

SECURITY NOTES:

S-1 PANIC BUTTONS SHALL BE CONNECTED TO THE NEAREST VIDEO SURVEILLANCE CAMERA. EXACT MOUNTING LOCATIONS OF THE PANIC BUTTONS AND THE PANIC RESET BUTTONS SHALL BE COORDINATED WITH THE CLIENT AND ARCHITECT PRIOR TO INSTALLATION. SECURITY CONTRACTOR SHALL ENSURE THAT THE UNDER-DESK MOUNTED PANIC BUTTONS ARE ADEQUATELY DIFFERENTIATED VIA MOUNTING ORIENTATION & LOCATION, MAKE/MODEL AND COLOUR OF BUTTON FROM THE UNDER-DESK MOUNTED PANIC RESET BUTTONS SUCH THAT THERE IS NO AMBIGUITY BETWEEN THE FUNCTIONS. IN ADDITION, THE PANIC BUTTON SHALL BE LABELED.

S-2 AUDIBLE ANNUNCIATORS SHALL BE PROGRAMMED TO TRIGGER WHEN DOOR IS OPENED WITHOUT A VALID CREDENTIAL BEING PRESENTED AT THE CARD READER, AND WHEN DOOR IS HELD OPEN. COORDINATE WITH THE CLIENT REGARDING PROGRAMMING SPECIFICS.

S-3 CAMERA HEADS SHALL BE POSITIONED TO CAPTURE DOORS 115K, 124 V, 125 AND 124S.

S-4 CAMERA HEADS SHALL BE POSITIONED TO CAPTURE WAITING AREA 106 INCLUDING DOOR 106 AND CORRIDOR 115K. ARROWS INDICATE APPROXIMATE DIRECTION OF HEADS. COORDINATE CAMERA VIEWS WITH THE CLIENT.

S-5 DEVICES CONNECTED TO HONEYWELL ACCESS CONTROL SYSTEM.

S-6 DEVICES CONNECTED TO SALTO ACCESS CONTROL SYSTEM.

ELECTRONIC SAFETY AND SECURITY GENERAL NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE PROJECT RELATED DOOR HARDWARE SCHEDULE AS WELL AS THE PROJECT RELATED ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS.
2. ALL ITEMS SHOWN ARE BY THE SECURITY CONTRACTOR UNLESS OTHERWISE NOTED.
3. LOCATIONS OF DEVICES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATION OF EACH DEVICE ON SITE WITH OTHER TRADES.
4. COORDINATE THE INSTALLATION AND INTERFACING WITH ALL ELECTRIFIED LOCKS AND DOOR CONTACTS WITH THE DOOR HARDWARE CONTRACTOR.
5. COORDINATE THE INSTALLATION AND INTERFACING WITH ALL POWER CIRCUITS WITH THE ELECTRICAL CONTRACTOR.
6. COORDINATE EXACT MOUNTING HEIGHTS AND LOCATIONS OF CCTV CAMERAS ON SITE WITH ELECTRICAL CONTRACTOR. PROVIDE ALL MOUNTING BRACKETS TO ENSURE THAT ALL OBSTRUCTIONS ARE AVOIDED AND CLEAR VIEW OF TARGET AREAS IS ATTAINED.
7. ALL CABLES SHALL BE HOME RUN IN CONDUITS. CABLE SPLICES SHALL NOT BE ACCEPTABLE. WHERE CABLES ARE GROUPED AND INSTALLED IN A SINGLE CONDUIT THE CONDUIT SHALL BE SIZED TO MAXIMUM 40% FILL.
8. REVIEW ALL PROJECT RELATED ARCHITECTURAL, MECHANICAL, ELECTRICAL, COMMUNICATIONS AND AV DRAWINGS AND SPECIFICATIONS, DISCERN AND COORDINATE ALL OVERLAPPING WORK WITH SECURITY SYSTEMS TO AVOID COLLISIONS AND CONFLICTS OF DEVICES.
9. DEVICES SHALL NOT BE INSTALLED IN WALL AREAS THAT ARE DESIGNATED TO HAVE MARKER BOARD, FABRIC PANELS, OR ACCENT FINISHES/DETAIL UNLESS INDICATED SPECIFICALLY ON AN ELEVATED DRAWING.
10. DEVICES SHALL NOT BE INSTALLED ABOVE ANY FURNITURE AND SHALL BE LOCATED WHERE THERE IS ADEQUATE ACCESS FOR USE UNLESS INDICATED SPECIFICALLY ON AN ELEVATED DRAWING.
11. INFORM THE ENGINEER'S REPRESENTATIVE AND GC OF ALL DEVICE AND FURNITURE CONFLICTS PRIOR TO INSTALLATION. OBTAIN RESOLUTION TO DEVICE AND FURNITURE CONFLICTS FROM THE ENGINEER'S REPRESENTATIVE PRIOR TO INSTALLATION.
12. REFER TO POWER AND SYSTEMS DRAWINGS FOR AUTOMATIC DOOR OPERATOR LOCATIONS. SECURITY CONTRACTOR SHALL COORDINATE SECURITY ACCESS CONTROL WITH ADO DOORS.

FIRE ALARM GENERAL NOTES:

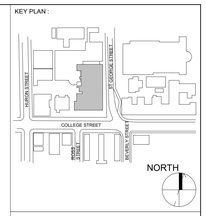
1. NEW SMOKE DETECTOR SHALL BE CONNECTED TO THE EXISTING BASE BUILDING ELEVATOR RECALL SYSTEM AND SHALL BE TIED INTO THE FIRE ALARM CONTROL PANEL. UPON ACTUATION OF A FIRE ALARM CONDITION ON THIS FLOOR THE FIRE ALARM PANEL SHALL SEND A RELAY TO THE ELEVATOR CONTROL PANEL FOR ELEVATOR AUTOMATIC RECALL SUCH THAT THE ELEVATOR RETURNS TO AN ALTERNATE FLOOR. PROVIDE ALL REQUIRED AUXILIARY CONTACTS AND RELAYS AT THE ELEVATOR CONTROL PANEL AND FIRE ALARM PANEL. ELECTRICAL CONTRACTOR TO COORDINATE ON SITE WITH LANDLORD AND ELEVATOR VENDOR FOR ALL REQUIREMENTS AND LOCATION OF EQUIPMENT. PROVIDE ALL REQUIRED FIRE ALARM VERIFICATION. ALL WORK TO COMPLY WITH CSA B44 LATEST EDITION TO THE SATISFACTION OF TSSA AND LOCAL AUTHORITIES HAVING JURISDICTION.
2. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
3. ROUTE ALL CONDUIT SYSTEMS AROUND DUCT WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE LAYOUT SHOWN. REFER TO MECHANICAL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
4. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.

DRAWING NOTES:

N-1 TIE KITCHEN HOOD FIRE SUPPRESSION SYSTEM TO BASE BUILDING FIRE ALARM SYSTEM AS SEPARATE ZONE. ALLOW FOR UPDATING OF FIRE ALARM ZONE SCHEDULE.

N-2 REFER TO POWER AND SYSTEMS DRAWINGS FOR AUTOMATIC DOOR OPERATOR LOCATIONS. SECURITY CONTRACTOR SHALL COORDINATE SECURITY ACCESS CONTROL WITH ADO DOORS.

KEY PLAN :



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SHEET CONTENTS :

LEVEL 01 - FIRE ALARM & SECURITY PLAN

PROJECT NUMBER : 21590.003

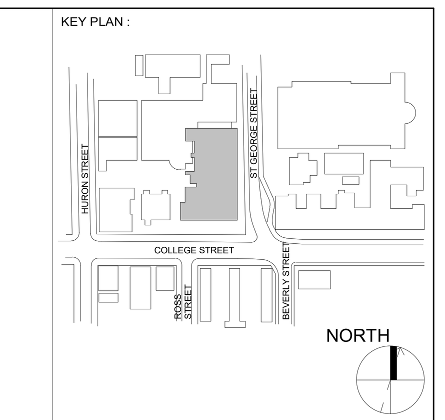
DRAWING SCALE : 1 : 100

DRAWN BY :	CHECKED BY :	DATE :
Author	Checker	Issue Date

SHEET NO : E501

REV : 11

KEY PLAN :



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11	2025-03-28	BID ADDENDUM #05

SECURITY NOTES:

S-1 DEVICES CONNECTED TO HONEYWELL ACCESS CONTROL SYSTEM.

S-2 DEVICES CONNECTED TO SALTO ACCESS CONTROL SYSTEM.

ELECTRONIC SAFETY AND SECURITY GENERAL NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE PROJECT RELATED DOOR HARDWARE SCHEDULE AS WELL AS THE PROJECT RELATED ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS.
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6. COORDINATE EXACT MOUNTING HEIGHTS AND LOCATIONS OF CCTV CAMERAS ON SITE WITH ELECTRICAL CONTRACTOR. PROVIDE ALL MOUNTING BRACKETS TO ENSURE THAT ALL OBSTRUCTIONS ARE AVOIDED AND CLEAR VIEW OF TARGET AREAS IS ATTAINED.
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FIRE ALARM GENERAL NOTES:

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DRAWING NOTES:

N-1 REFER TO POWER AND SYSTEMS DRAWINGS FOR AUTOMATIC DOOR OPERATOR LOCATIONS. SECURITY CONTRACTOR SHALL COORDINATE SECURITY ACCESS CONTROL WITH ADO DOORS.

N-2 RELOCATE EXISTING SUPERVISORY VALVE AND FLOW SWITCH FOR SPRINKLER ZONE CONTROL CABINET TO NEW LOCATION SHOWN. COORDINATE FINAL LOCATION WITH MECHANICAL.

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SHEET CONTENTS :

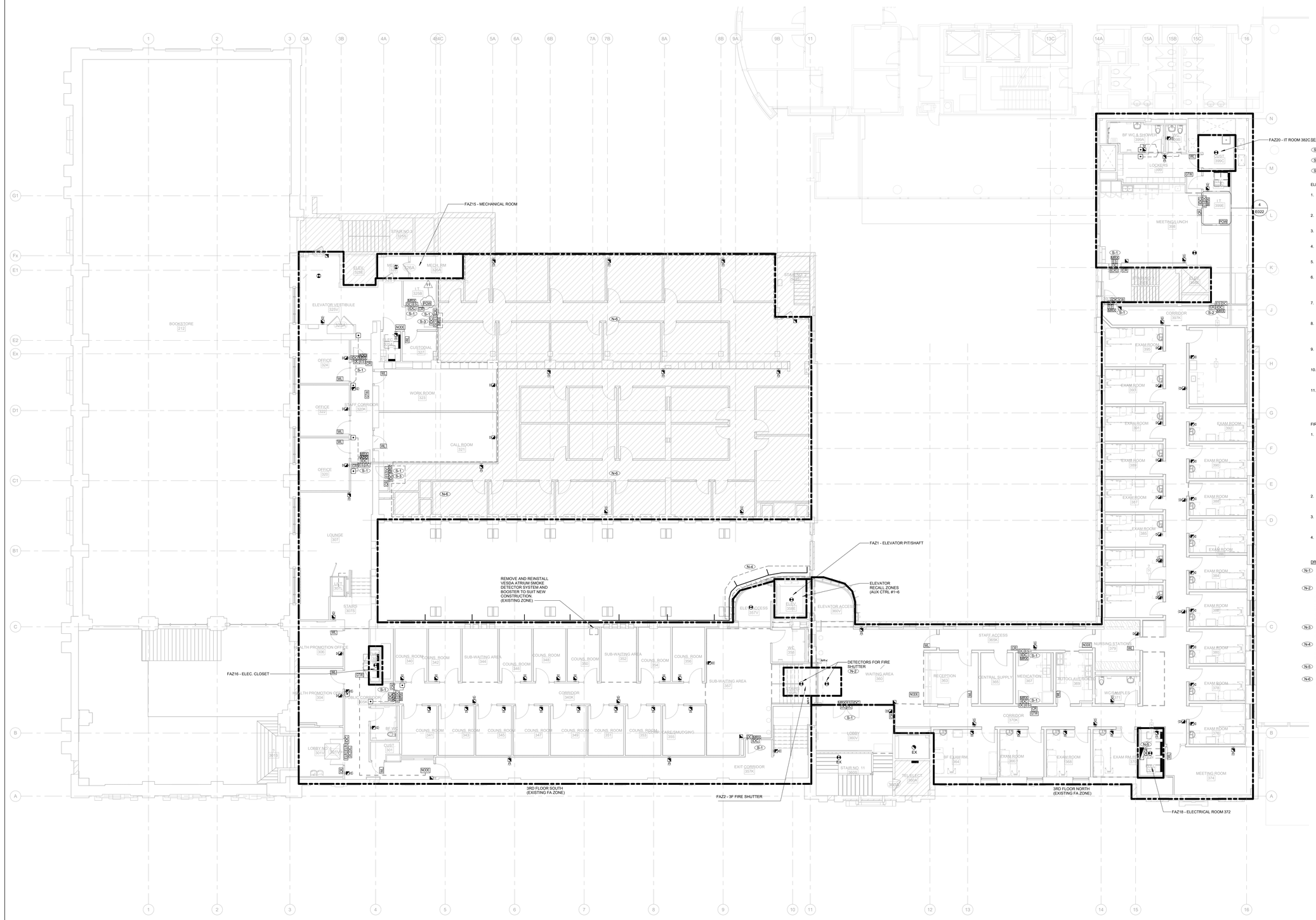
LEVEL 02 - FIRE ALARM & SECURITY PLAN

PROJECT NUMBER : **21590.003**

DRAWING SCALE : **1 : 100**

DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

SHEET NO : **E502** REV : **11**



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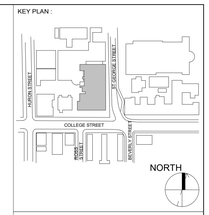

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11	2025-03-28	BID ADDENDUM #05

SECURITY NOTES:

S-1 DEVICES CONNECTED TO HONEYWELL ACCESS CONTROL SYSTEM.

S-2 DEVICES CONNECTED TO SALTO ACCESS CONTROL SYSTEM.

S-3 CONDUIT ROUGH IN ONLY FOR FUTURE LOCK. BY ELECTRICAL CONTRACTOR.

ELECTRONIC SAFETY AND SECURITY GENERAL NOTES:

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8. REVIEW ALL PROJECT RELATED ARCHITECTURAL, MECHANICAL, ELECTRICAL, COMMUNICATIONS AND AV DRAWINGS AND SPECIFICATIONS, DISCERN AND COORDINATE ALL OVERLAPPING WORK WITH SECURITY SYSTEMS TO AVOID COLLISIONS AND CONFLICTS OF DEVICES.
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FIRE ALARM GENERAL NOTES:

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4. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.

DRAWING NOTES:

N-1 INCLUDE IN THE COST FOR XTRALIS SITE VISIT TO CONFIRM EXISTING SITE CONDITIONS TO PREPARE DOCUMENTATION REQUIRED FOR ADJUSTMENT OF XTRALIS SYSTEM.

N-2 PROVIDE AUXILIARY CONTACTS IN SMOKE DETECTOR SUCH THAT IT CAN SEND A SIGNAL TO FIRE SHUTTER CONTROL PANEL. PROVIDE 120V CONNECTION TO FIRE SHUTTER AND INSTALL UP/DOWN CONTROL KEY SWITCH ON WALL TO CONTROL FIRE SHUTTER. COORDINATE WIRING REQUIREMENTS WITH GC AND FINAL LOCATION OF SWITCH ON SITE WITH ARCHITECTS. COORDINATE THIS WORK WITH BASE BUILDING FIRE ALARM CONTRACTOR AND INCLUDE FOR FIRE ALARM VERIFICATION OF DEVICES AND TIE-INS. FIRE SHUTTER TO BE HELD OPEN DURING NORMAL OPERATION AND CLOSE IN EVENT OF FIRE ALARM ACTIVATIONS OR ADJACENT SMOKE DETECTOR.

N-3 REFER TO POWER AND SYSTEMS DRAWINGS FOR AUTOMATIC DOOR OPERATOR LOCATIONS. SECURITY CONTRACTOR SHALL COORDINATE SECURITY ACCESS CONTROL WITH ADO DOORS.

N-4 MODIFY EXISTING VESDA SMOKE DETECTION SYSTEM IN ATRIUM AS SHOWN AS WELL AS THE RELOCATION OF THE CONTROL PANEL. ELECTRICIAN TO CONTACT XTRALIS FOR REQUIRED SCOPE OF WORK AND TO INCLUDE ALL ASSOCIATED COSTS IN THE BID (INCLUDING TESTING AND VERIFICATION).

N-5 NEW DGP PANEL COMPATIBLE WITH BASE BUILDING FIRE ALARM SYSTEM. CONNECT TO EMERGENCY CIRCUIT.

N-6 WALLS SHOWN IN THIS HATCHED AREA ARE FOR REFERENCE ONLY. SPACE WILL BE IN SHELL CONDITION.

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SEAL :

OWNER:

UNIVERSITY OF TORONTO

PROJECT :

HEALTH AND WELLNESS CENTRE RENOVATION AT KOFFLER

214 COLLEGE ST,
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SHEET CONTENTS :

LEVEL 03 - FIRE ALARM & SECURITY PLAN

PROJECT NUMBER : **21590.003**

DRAWING SCALE : **1 : 100**

DRAWN BY :	CHECKED BY :	DATE:
Author	Checker	Issue Date

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REV : **11**