INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

UNIVERSITY OF TORONTO SCARBOROUGH

DRAWING LIST

ARCHITECTURAL:
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A0.2 CONTEXT PLAN, 2ND FLOOR
A1.1 AC213, EXISTING FLOOR PLAN
A1.2 AC213, EXISTING REFLECTED CEILING PLAN
A1.3 EXISTING PARTIAL THIRD FLOOR REFLECTED CEILING PLAN
A2.1 AC213, PROPOSED FLOOR PLAN
A2.2 AC213, PROPOSED REFLECTED CEILING PLAN
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A2.4 ALTERNATE PRICE #01: AC213 PROPOSED REFLECTED CEILING PLAN
A2.5 PROPOSED ELEVATIONS
A2.6 PROPOSED FF&E PLANS
A2.7 PROPOSED MILLWORK
A2.8 PROPOSED FINISH & PARTITION SCHEDULE & DETAILS

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M1.2 - FIRE PROTECTION DEMOLITION AC213 PLAN
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E1.2 3RD FLOOR- EXISTING REFLECTED CEILING PLAN AC321E
E2.1 3RD FLOOR- PROPOSED FLOOR PLAN AC321E
E2.2 3RD FLOOR- PROPOSED REFLECTED CEILING PLAN AC321E

SYMBOL & LEGEND

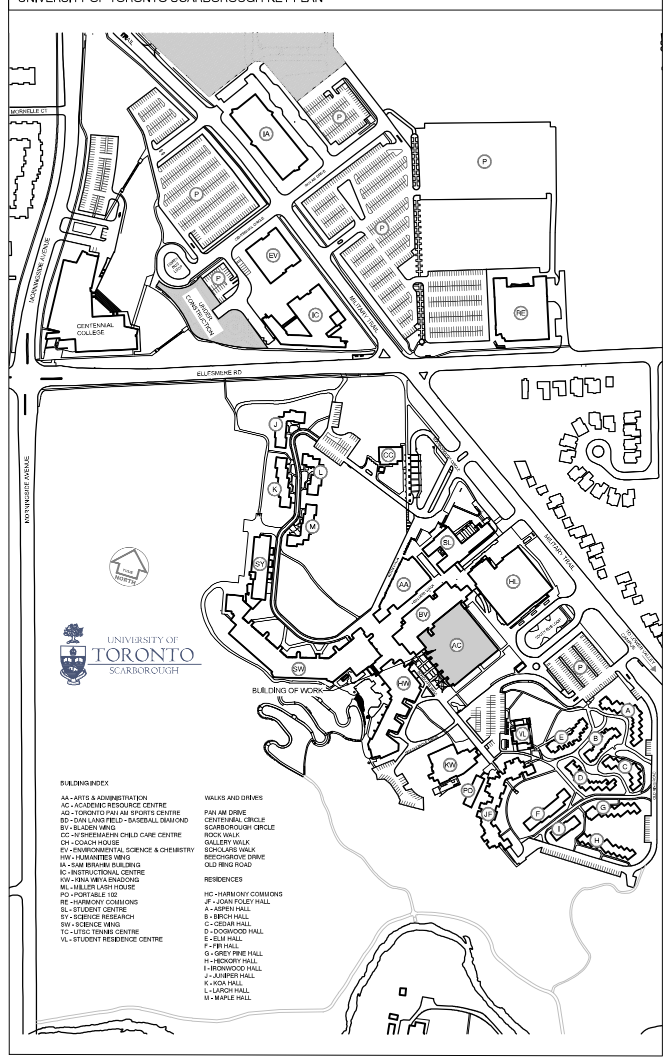
INDICATES SECTION / DETAIL NUMBER
REF — INDICATES REFERENCE TO A SIMILAR DETAIL DRAWING
INDICATES DRAWING SHEET NUMBER
BUILDING SECTION REFERENCE
SECTION REFERENCE
DETAIL REFERENCE
DETAIL DRAWING REFERENCE
INDICATES SECTION / DETAIL NUMBER
INTERIOR ELEVATION REFERENCE
INDICATES DRAWING SHEET NUMBER
INDICATES ELEVATION NAME
BUILDING ELEVATION REFERENCE
INDICATES DRAWING SHEET NUMBER
ROOF LINE 5.05M PROJECT ELEVATION
GRID LINE
2400 A.F.F. PLAN ELEVATION DATUM
[150.00] GEODETIC ELEVATION
WINDOW TAG
MATERIAL TAG
REVISION NUMBER
KEYNOTE
CONSTRUCTION ASSEMBLY SPECIFICATION
ASSEMBLY TYPE
DIMENSION
CENTRELINE MARK
INDICATES ROOM USE
NAME ZONE SY370 ROOM TAG
INDICATES ROOM SIZE IN SQUARE METERS
INDICATES DOOR NUMBER
DOOR TAG
INDICATES MATERIAL TYPE
CEILING TAG
INDICATES CEILING HT

OBC MATRIX

Firm Name : **AMANDA MCLEOD AS AN EMPLOYEE OF UNIVERSITY OF TORONTO SCARBOROUGH**
Address: **1265 MILITARY TRAIL TORONTO, ONTARIO M1C1A4 Phone: 416,287,7091**
Name of Project: **INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE**
Location: **UNIVERSITY OF TORONTO SCARBOROUGH ,1265 MILITARY TRAIL, TORONTO, ON, M1C 1A4**

Ontario Building Code Data Matrix, Part 11 - Renovation of Existing Building			Building Code Reference
11.01	Project Type:	□ Addition ■ Renovation □ Addition and Renovation □ Change of Use	[A] 1.1.2.
		Description: GROUP A, DIVISION 2 [SUBSIDIARY GROUP D AND GROUP F DIV 3]	3.2.1.(1)
11.02	Major Occupancy Classification:	Occupancy 1. A2 ASSEMBLY; Use 1. ASSEMBLY	1.4.1.2. [A]
11.03	Superimposed Major Occupancy:	□ Yes ■ No Description:	3.2.2.7.
11.04	Building Area	Description NO CHANGE; Existing; New; Total	1.4.1.2. [A]
11.05	Building Height	Storeys above grade 2 Storeys below grade 1; Meters above grade (m) 13.3M	1.4.1.2. [A] & 3.2.2.1.
11.06	Number of Streets/ Firefighting Access	1 Street (s)	3.2.2.10. & 3.2.5.
3.13	Sprinkler System Proposed	■ required □ not required NO CHANGE; □ selected compartments; □ selected floor areas; □ basement □ in lieu of roof rating; □ entire building	3.2.1.5. & 3.2.2.17.
3.13	Standpipe System	■ Required □ Not Required	3.2.9.
3.15	Fire Alarm System	■ Required □ Not Required; Proposed: □ Single stage □ Two Stage □ N/A	3.2.4.
3.18	Construction Type	Restriction: □ Combustible permitted ■ Non-combustible permitted; Actual: □ Combustible □ Non-combustible ■ Combination; Heavy Timber Construction: ■ No □ Yes	3.2.2.20.-83& 3.2.1.4.
11.07	Building Size	□ Small □ Medium ■ Large □ > Large	T.11.2.1.1.B.-N.
		3.2.2 Group/Div.: GROUP A, DIVISION 2, UP TO 6 STOREYS, ANY AREA, SPRINKLERED	
11.08	Existing Building Classification	Change in Major Occupancy: □ Yes ■ Not Applicable; Construction Index:; Hazard Index:; Importance Category: □ Low □ Normal □ High □ Post-Disaster	11.2.1.1. T 11.2.1.1A T11.2.1.1B to N 4.2.1.(3) 5.2.2.1.(2)
11.09	Renovation Type:	■ Basic Renovation □ Extensive Renovation	11.3.3.1. 11.3.3.2.
11.10	Occupant Load	Floor Level/Area / Occupancy / Based On / Occupant Load (Persons): ROOM AC213/39.87, A2 RECEPTION, 1.85 SQ. M/PERSON, 21; ROOM AC213A/43.98, A2 MEETING, 1.85 SQ. M/PERSON, 24; ROOM AC213B/6.96, A2 OFFICE, 9.30 SQ. M/PERSON, 1; ROOM AC213C/11.36, A2 OFFICE, 9.30 SQ. M/PERSON, 1; ROOM AC213D/9.51, A2 OFFICE, 9.30 SQ. M/PERSON, 1; ROOM AC213E/6.36, A2 OFFICE, 9.30 SQ. M/PERSON, 1; ROOM AC213J/19.05, CORRIDOR	3.1.17.
11.11	Plumbing Fixture Requirements:	Ratio: Male: Female = 50:50 Except as noted otherwise. NO CHANGE Floor Level/ Area:; Occupant Load:; OBC Reference:; Fixtures Required:; Fixtures Provided:	3.7.4.
11.12	Barrier Free Design:	■ Yes □ No Explanation:	11.3.3.2.(2)
3.23	Hazardous Substances	□ Yes ■ No CONFIRM Explanation:	3.3.1.2. & 3.3.1.19.
3.24	Required Fire Resistance Ratings	Horizontal Assembly: Rating (H): Floors over basement 1; Floors 1; Mezzanine N/A; Roof N/A. Supporting Assembly (H): EXISTING, EXISTING	3.2.2.20.-83. & 3.2.1.4.
11.13	Reduction in Performance Level:	Structural:; By Increase in occupant load: □ Yes ■ No; By change of major occupancy: □ Yes ■ No; Plumbing: □ Yes ■ No; Sewage-systems: □ Yes ■ No; Extension of combustible construction: □ Yes ■ No	11.4.2.1. 11.4.2.2. 11.4.2.3. 11.4.2.4. 11.4.2.5. 11.4.2.6.
11.140	Compensating Construction:	■ No □ Yes	11.4.3.1.
11.15	Compliance Alternatives Proposed:	□ No ■ Yes A-73: 3.8.3.3. Existing doorway acceptable, providing not less than 810 wide. (list numbers and describe)	11.5.1.
11.16	Notes:	**WORK INCLUDES INTERIOR ALTERATION OF OFFICE AND RECEPTION:** 1. ROOMS AC213, A, B, C, D, E, F, G AND H (AREA OF WORK= 150.6 m2) - NEW SCREEN, DOOR, FINISHES, MECHANICAL AND ELECTRICAL	11.5.1.

UNIVERSITY OF TORONTO SCARBOROUGH KEY PLAN



TYPICAL ABBREVIATIONS

ACP ACOUSTIC PANEL
ACPL ACOUSTIC PLASTER
ACT ACOUSTIC CEILING TILE
AC AIR CONDITIONING
AD ACCESS DOOR
ADR AREA DRAIN
ADD ADDENDUM
ADJ ADJUSTABLE
ADO AUTOMATIC DOOR OPERATOR
AES ARCHITECTURAL EXPOSED STEEL
AGG AGGREGATE
AL ALUMINUM
ANOD ANODIZED
AP ACCESS PANEL
APPROX APPROXIMATE(LY)
ARA AREA OF RESCUE ASSISTANCE
ARCH ARCHITECTURE(AL)
ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
A.T.A.A. AIR TERMINAL (LIGHTNING ROD) AUTO AUTOMATIC
AUX AUXILIARY
A/V AIR & VAPOUR BARRIER
AVM AIR, VAPOUR, & MOISTURE BARRIER
@ AT
BD BOARD
BF BARRIER FREE
BH BORE HOLE
BLDG BUILDING
BLKG BLOCKING
BLKHD BULKHEAD
BM BEAM
B.M. BENCHMARK
BRK BRICK
BSMT BASEMENT
BTM BOTTOM
BUR BUILT-UP ROOFING
X BY (DIMENSION)

CA CARD ACCESS
CR CARD READER
CGSB CANADIAN GENERAL STANDARDS BOARD
CSA CANADIAN STANDARDS ASSOCIATION
CPT CARPET / CARPET TILE
CI CAST IRON
CB CATCH BASIN
CLG CEILING
CEM CEMENT
CEMBD CEMENT BOARD
CEMPL CEMENT PLASTER
CEMR CEMENT RENDERING
C/L CENTRE LINE
C/C CENTRE TO CENTRE
CT CERAMIC TILE / PORCELAIN TILE
CLF CHAIN LINK FENCING
CHBD CHALKBOARD
CO CLEAN OUT
CLR CLEAR FINISH
CLO CLOSET
CRS COLD-ROLLED STEEL
CW COLD WATER
CP CONTROL PANEL
CONV CONVECTOR
CORR CORRIDOR
CG CORNER GUARD
CU CUBIC
M3 CUBIC METER
CUPBD CUPBOARD
CURT CURTAIN TRACK
COL COLUMN
C/W COMPLETE WITH
CW# CURTAIN WALL (#)
CONC CONCRETE
CBLK CONCRETE BLOCK
CONST CONSTRUCTION
CONT CONTINUOUS
CJ CONTROL JOINT

DPC DAMPROOF COURSE
DPM DAMPROOF MEMBRANE
DEG.C DEGREES CELSIUS
DEPT DEPARTMENT
DET DETAIL
DIA DIAMETE
Ø DIAMETER
DIM DIMENSION
DIST DISTANCE
DIV DIVISION
DGL DOUBLE GLAZING (INSULATED) (SEE DGL TYPES)
DN DOWN
DWG DRAWING
DF DRINKING FOUNTAIN
DW DISHWASHER
E EAST
EA EACH
ELEC ELECTRIC(AL)
ELEV ELEVATION (DATUM)
ENCL ENCLOSURE
EQ EQUAL
EPC EPOXY COATING (INTERIOR WALLS & CEILINGS)
EPCX EPOXY COATING (EXTERIOR WALLS & SOFFITS)
EPFL EPOXY FLOORING
EXCAV EXCAVATE
EXCL EXCLUDING
EX EXISTING
EXIST EXISTING
EXP JT EXPANSION JOINT
EXP EXPOSED
EXP AGGR EXPOSED AGGREGATE
EXT EXTERIOR
EIFS EXTERIOR INSULATING FINISHING SYSTEM
EW EMERGENCY EYE WASH
EO ELECTRICAL OUTLET
EP EMERGENCY PHONE

EOS EDGE OF SLAB
EBF EXPOSED BUILDING FACE
FAB FABRIC (CLOTH, VINYL)
FM FACTORY MUTUAL
FIN FINISH(ED)
FIN FL FINISHED FLOOR
FFE FINISHED FLOOR ELEVATION
FDR FIRE DOOR
FA FIRE ALARM PULL STATION
FAP FIRE ALARM ANUNCIATOR PANEL
FE FIRE EXTINGUISHER
FEC FIRE EXTINGUISHER CABINET
FHC FIRE HOSE CABINET
FR FIRE RATED
FRR FIRE RESISTANCE RATING
FXTR FIXTURE
FL FLOOR
FD FLOOR DRAIN
FS FLOOR SUMP
FTG FOOTING
FTGR FOOT GRILLE
FB FLOOR BOX
FDN FOUNDATION
GALV GALVANIZED
GALV STL GALVANIZED STEEL
GA GAUGE
GL GLASS / GLAZING (SEE GLASS TYPES)
GL BLK GLASS BLOCK
GR GRADE
GRD GROUND
GYP GYPSUM
GYP BD GYPSUM BOARD
GWB GYPSUM BOARD
GYP LATH GYPSUM LATH
GB GRAB BAR
GFA GROSS FLOOR AREA
G/L GRID LINE
H.CONC HARDENED CONCRETE

HDNR HARDENER
HDW HARDWARE
HD HEAVY DUTY
HT HEIGHT
HO HOLD OPEN
HM HOLLOW METAL
HSS HOLLOW STRUCTURAL STEEL
HORZ HORIZONTAL
HB HOSE BIB
HW HOT WATER
HWH HOT WATER HEATER
HR HOUR
HS HAND SINK
HDPE HIGH-DENSITY POLYETHYLENE
HP HIGH POINT
INCL INCLUDING
INFO INFORMATION
ID INSIDE DIAMETER
INS INSULATION (SEE INSULATION TYPES)
INSUL INSULATION
INSULR INSULATION RENDERED
INT INTERIOR
IFC INTUMESCENT FIREPROOF COATING
INV INVERT
IC INTERCOM
JC JANITOR'S CLOSET
JT JOINT
JNR JOINER
JST JOIST
JR JUNIOR
JS JANITOR'S SINK
KO KNOCK-OUT (PANEL)
KP KEY PAD
KITCH KITCHEN(ETTE)
LAB LABORATORY

LAV LAVATORY
LH LEFT-HAND(ED)
LHR LEFT-HAND REVERSE
LEV LEVEL
LS LIGHT STANDARD
LIN LINEAR
LIN MET LINEAR METAL
(SEE RFL) LINOLEUM
LSSJ LONG SPAN STEEL JOIST
LEC LECTERN
LVR LOUVRE
LB LIGHT BOLLARD
L.D. LIMITING DISTANCE
LP LOW POINT
MAINT MAINTENANCE
MH MANHOLE
MO MASONRY OPENING
MAT S MAT SINKAGE
MAX MAXIMUM
MECH MECHANICAL
MED MEDIUM
MEM MEMBRANE
MEM AS MEMBRANE AIR SEAL
MET METAL
MET AS METAL AIR SEAL
MET CLG METAL PANEL CEILING
M METRE
MEZZ MEZZANINE
MM MILLIMETER
MIN MINIMUM
MISC MISCELLANEOUS
MTG MOUNTING
MDF MEDIUM DENSITY FIBREBOARD
MIR MIRRORED
MS MOP STRIP
MANUF MANUFACTURE(R)
MW MILLWORK (#)
MOD-BIT MODIFIED BITUMEN

NBC NATIONAL BUILDING CODE
NFC NATIONAL FIRE CODE
NOM NOMINAL
N NORTH
NIC NOT IN CONTRACT
NTS NOT TO SCALE
NO NUMBER
NUMBER
NFHB NON-FREEZE HOSE BIB
ND NAPKIN DISPOSAL (SANITARY)
O/C ON CENTRE
OBC ONTARIO BUILDING CODE
OP OPENING
OWSJ OPEN WEB STEEL JOIST
OD OUTSIDE DIAMETER
OH OVERHEAD
OFC OFFICE
PT PAINT(ED)
PR PAIR
PTN PARTITION
PVG PAVING
% PERCENT(AGE)
PLAS PLASTER
P.LAM PLASTIC LAMINATE
(SEE EPC) PLASTIC PAINT
PL PLATE (STEEL)
PV PLUMBING VENT
PLWD PLYWOOD
POL POLISHED
PVC POLYVINYL CHLORIDE
PE PORCELAIN ENAMEL
PCC ARCHITECTURAL PRECAST CONCRETE
PC TERR PRECAST TERRAZZO
PREFAB PREFABRICATE(ED)
PREFIN PREFINISHED
PS PROJECTION SCREEN
PROT BD PROTECTION BOARD

PA PUBLIC ADDRESS
PP POWER PANEL
PB PUSH BUTTON (DOOR OPERATOR)
RAD RADIUS
RWL RAIN WATER LEADER
PCTP RECEPTACLE
REC RECESS(ED)
REINFD REINFORCED
RST REINFORCING STEEL
RB RESILIENT BASE
REQD REQUIRED
RFL RESILIENT FLOORING
RFG REFRIGERATOR
RN RESILIENT NOSING
RR RESILIENT RISER
RH RIGHT-HAND
RHR RIGHT-HAND REVERSE
R RISER
RSH ROLLING SHUTTER DOOR
RM ROOM
(SEE RFL) RUBBER TILE
RA ROOF ANCHOR
RD ROOF DRAIN
RCP REFLECTED CEILING PLAN
RJ REVEAL JOINT
RM ROOM
RO ROUGH OPENING
R/A RETURN AIR
RP RADIANT CEILING PANEL
RWS ROLLER WINDOW SHADE
SAN SANITARY
SLR SEALER
(SEE EPFL) SEAMLESS RESIN FLOOR
SECT SECTION
SA SECURITY ACCESS
S/A UPPLY AIR
SH SHEET

(SEE RFL) SHEET RESILIENT FLOORING
SIM SIMILAR
SLS SLOP SINK
SOFF SOFFIT
SP SOLID POLYMER
SSM SOLID SURFACING MATERIAL
S SOUTH
SPEC SPECIFICATION
SQ SQUARE
SIB STANDARD IRON BAR
SS STAINLESS STEEL
STL STEEL
STO STONE
STOR STORAGE
STR STRUCTURAL
SWBD SWITCHBOARD
SSG STRUCTURAL SILICONE GLAZING
SD SUB-DRAINAGE
SDI SUB-DRAINAGE INVERT
SN STAIR NOSING
SPF SPORTS FLOORING
SAFB SOUND ATTENUATION FIRE BLANKETS
TB TACK BOARD
TEL TELEPHONE
TEL P. TELEPHONE PANEL
TEMP TEMPERATURE
TERR TERRAZZO
(SEE EPC) TEXTURED COATING
(SEE EPCX) TEXTURED COATING EXTERIOR
(SEE EPFL) THIN SET TERRAZZO
TWF THROUGH WALL FLASHING
T&G TONGUE & GROOVE
T/O TOP OF
TCB TOP OF CATCH BASIN
TC TOP OF CURB
TR TREAD
TGL TRIPLE GLAZING
TYP TYPICAL

TT TRAFFIC TOPPING
TBHM THERMALLY BROKEN HOLLOW METAL
THK THICK
T TREAD(S)
TPD TOILET PAPER DISPENSER
TRANS TRANSITION
U/C UNDERCUT
ULC UNDERWRITERS' LABORATORIES CANADA
UL UNDERWRITERS' LABORATORIES USA
U/G UNDER GROUND
U/S UNDERSIDE
(SEE RFL) URETHANE RESILIENT FLOORING
UR URINAL
U/P UTILITY (HYDRO) POLE
VB VAPOUR BARRIER
VERT VERTICAL
VEST VESTIBULE
VCT VINYL COMPOSITE TILE
(SEE FAB) VINYL FABRIC
VWC VINYL WALL COVERING
(SEE RFL) VINYL TILE
V.I.F.A. VERIFY IN FIELD
W WINDOW
WR WASHROOM
WC WATER CLOSET
WPM WATERPROOF MEMBRANE
WS WEATHERSTRIP
WWM WELDED WIRE MESH
WB WHITE BOARD
WF WIDE FLANGE
WD WOOD
WD FL WOOD FLOORING
WI WROUGHT IRON
W/ WITH
WP WATERPROOFING

UNIVERSITY OF TORONTO SCARBOROUGH
DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

NO.	DATE	REVISION NO	BY
02	2025-06-10	ISSUED FOR TENDER	AM
01	2025-06-10	ISSUED FOR PERMIT	AM

Notes:

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C1A4

PROJECT #: DCM2025-04

PROJECT TITLE: INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

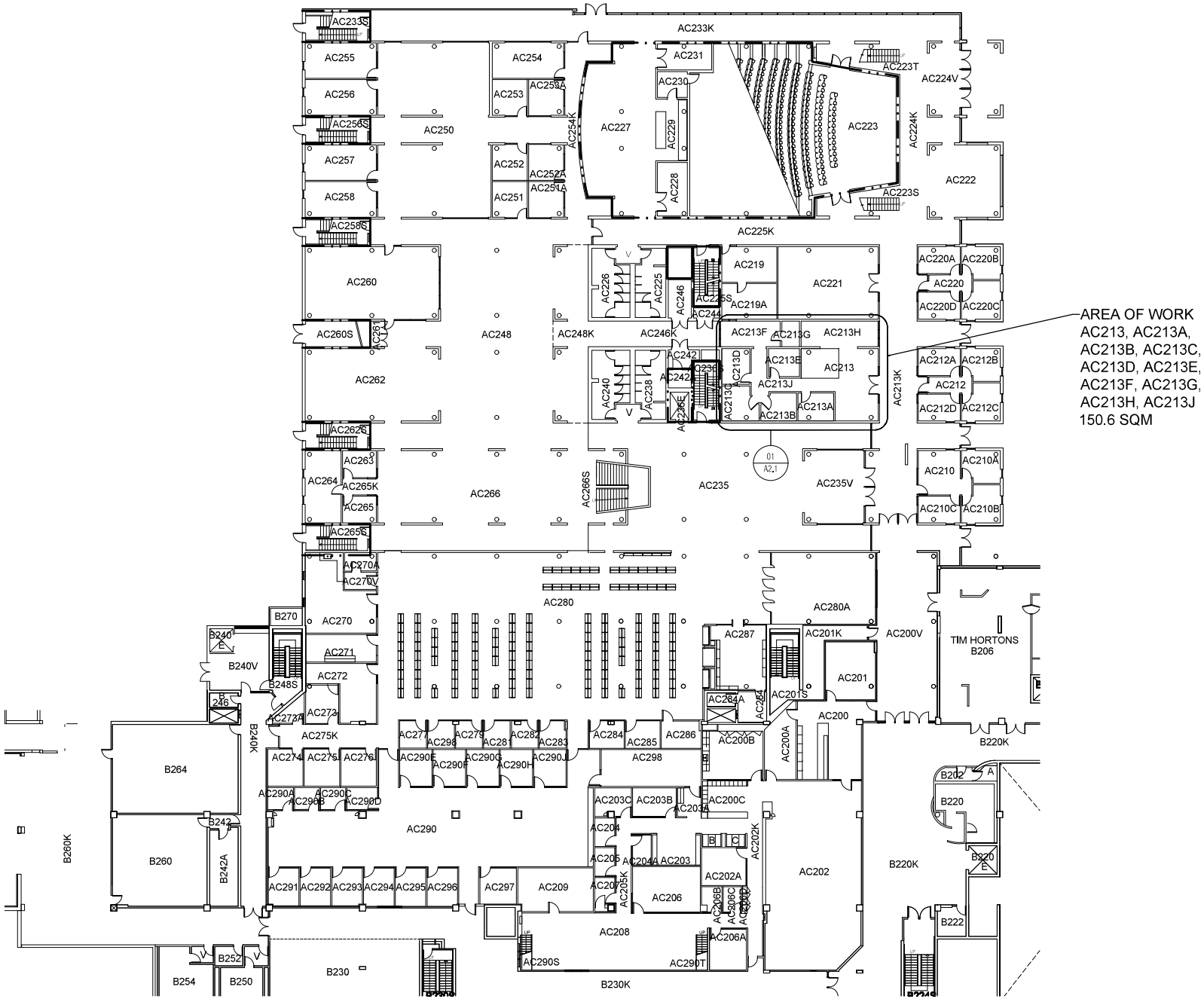
DRAWN BY: AM CHECKED BY: AM

DRAWING TITLE: DRAWING LIST, KEY PLAN, TYPICAL ABBREVIATIONS, SYMBOL & LEGEND

DATE: 2025-06-10

DRAWING No: A0.1

SCALE: AS NOTED



01 A0.2 **OVERALL SECOND FLOOR PLAN**
NTS

UNIVERSITY OF TORONTO SCARBOROUGH

DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

OUT OF SCOPE

AREA OF WORK

45 min FIRE SEPARATION

60 min FIRE SEPARATION

NO.	DATE	REVISION/ISSUE	BY
02	2025-06-10	ISSUED FOR TENDER	AM
01	2025-06-10	ISSUED FOR PERMIT	AM

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #:
DCM2025-04

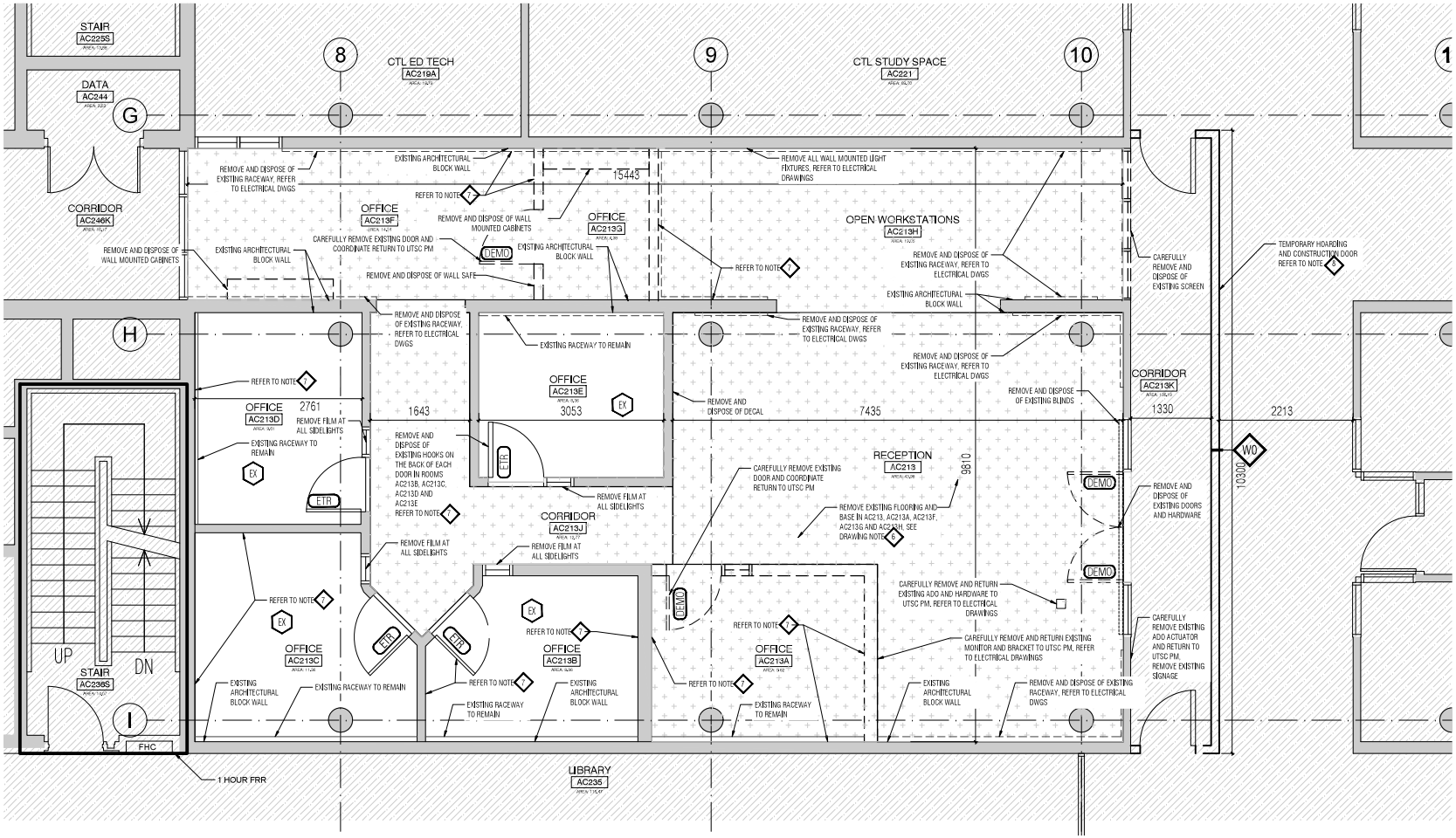
PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE:
ARC 2ND LEVEL CONTEXT PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: A0.2



01 A1.1 **AC213 EXISTING FLOOR PLAN**
1:50

GENERAL NOTES APPLY TO ALL DRAWINGS:

1. THE DRAWINGS ARE NOT STANDALONE AND ARE TO BE READ IN CONJUNCTION WITH THE COMPLETE SET OF CONTRACT DOCUMENTS.
2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING (PROVINCIAL & MUNICIPAL) AUTHORITIES.
3. EXISTING CONSTRUCTION SHOWN HAS BEEN TAKEN FROM AVAILABLE INFORMATION. WHEN SPECIFIC DETAILS ARE UNAVAILABLE, ASSUMPTIONS HAVE BEEN MADE REGARDING PROBABLE CONSTRUCTION. ANY VARIANCE FROM CONSTRUCTION AS SHOWN ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO ATTENTION OF UTSC PM.
4. FILL ALL EXISTING HOLES LEFT FROM MECHANICAL AND ELECTRICAL SERVICES REMOVED OR RELOCATED TO MAINTAIN REQUIRED FIRE SEPARATIONS.
5. PATCH AND MAKE GOOD ALL EXISTING FLOOR, WALL AND CEILING MATERIALS AND FINISHES DESTRUCTED BY CONSTRUCTION TO MATCH EXISTING ADJACENT.
6. CLEAN UP DEBRIS ON A DAILY BASIS AND DISPOSE OF IN AN APPROVED DISPOSAL FACILITY OFFSITE ON A REGULAR BASIS. BUILDING PREMISES ARE TO BE THOROUGHLY CLEANED PRIOR TO TAKEOVER BY THE OWNER.
7. ALL WORK SHALL BE INSTALLED IN A NEAT AND TIDY MANNER.
8. ADEQUATELY PROTECT THE WORK AT ALL STAGES OF CONSTRUCTION AND MAINTAIN THE PROTECTION UNTIL WORK IS COMPLETED. REMOVE AND REPLACE AT NO EXPENSE TO THE OWNER ANY DAMAGED WORK AND MATERIALS THAT CANNOT BE REPAIRED OR RESTORED TO OWNER'S SATISFACTION.
9. CONTRACTOR TO INCLUDE FOR REMOVAL, TEMPORARY STORAGE ON SITE OR HANDING OVER TO OWNER AS DETERMINED BY OWNER AND REINSTALLATION WHERE NOTED OF EXISTING EQUIPMENT, LIGHT FIXTURES, DOORS, HARDWARE, ETC. THAT ARE REQUIRED TO BE REMOVED, RELOCATED AND/OR REINSTALLED TO COMPLETE THE WORKS. ALL REMOVED MATERIALS REQUIRED TO BE REINSTALLED SHALL BE REINSTALLED IN UN DAMAGED CONDITION.

DEMOLITION DRAWING NOTES:

1. THE UTSC DEMOLITION DRAWINGS ARE TO BE READ WITH THE ELECTRICAL DEMOLITION DRAWINGS AND SPECIFICATIONS.
2. THE DIMENSIONS SHOWN IN THIS DRAWING ARE FROM EXISTING ELEMENTS, SUCH AS THE FINISHED FACE OF WALLS AND CEILINGS TO THE FACE OF NEW WORK.
3. IN AREAS OF RENOVATION, REMOVE ALL ITEMS THAT HAVE BECOME OBSOLETE OR DORMANT OR ARE NO LONGER NEEDED OR CONNECTED TO NEW WORK.
4. BEFORE THE RENOVATION, CONSULT WITH THE CLIENT AS TO WHICH ITEMS ARE TO BE REMOVED, REFURBISHED AND/OR STORED FOR REUSE.
5. IN SITUATIONS WHERE THE EXISTING CONFIGURATION DIFFERS FROM THE DRAWINGS, CONSULT WITH THE UTSC PM BEFORE DEMOLITION.

6. REMOVE AND DISPOSE OF ALL EXISTING FLOORING AND BASE, INCLUDING ADHESIVE. EXPOSED CONCRETE TO BE FREE FROM ALL DEBRIS, BARBS AND ANY OTHER OBSTRUCTION THAT WOULD OTHERWISE COMPROMISE INSTALLATION OF NEW FLOOR FINISH.

7. REMOVE AND DISPOSE THE FOLLOWING FIXTURES IN ALL ROOMS: WHITEBOARDS, TACKBOARDS AND COAT HOOKS.

8. PROVIDE TEMPORARY HOARDING WITH UNIVERSITY STANDARD MEDECO KEY LOCKABLE ACCESS DOORS ACCORDING TO DEMOLITION PLAN AND PARTITION SCHEDULE, DRAWING A2.8. PUBLIC SIDE TO BE PAINTED MIN. 2 COATS LATEX PAINT, SEMI-GLOSS.

UNIVERSITY OF TORONTO SCARBOROUGH

DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
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M1C 1A4

LEGEND:

- OUT OF SCOPE
- AREA OF WORK
- 45 min FIRE SEPARATION
- 60 min FIRE SEPARATION
- TO BE REMOVED
- EXISTING CONCRETE PARTITION WALL TO REMAIN
- EXISTING PARTITION WALL TO BE DEMOLISHED
- NEW PARTITION
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING FLOORING TO BE REMOVED
- EXISTING LIGHTS TO BE REMOVED REFER TO ELECTRICAL

NO.	DATE	REVISION/ISSUE	BY
02	2025-06-10	ISSUED FOR TENDER	AM
01	2025-06-10	ISSUED FOR PERMIT	AM

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OFFICE OF THE VICE PRINCIPAL ACADEMIC & DEAN, UNIVERSITY OF TORONTO SCARBOROUGH
1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #
DCM2025-04

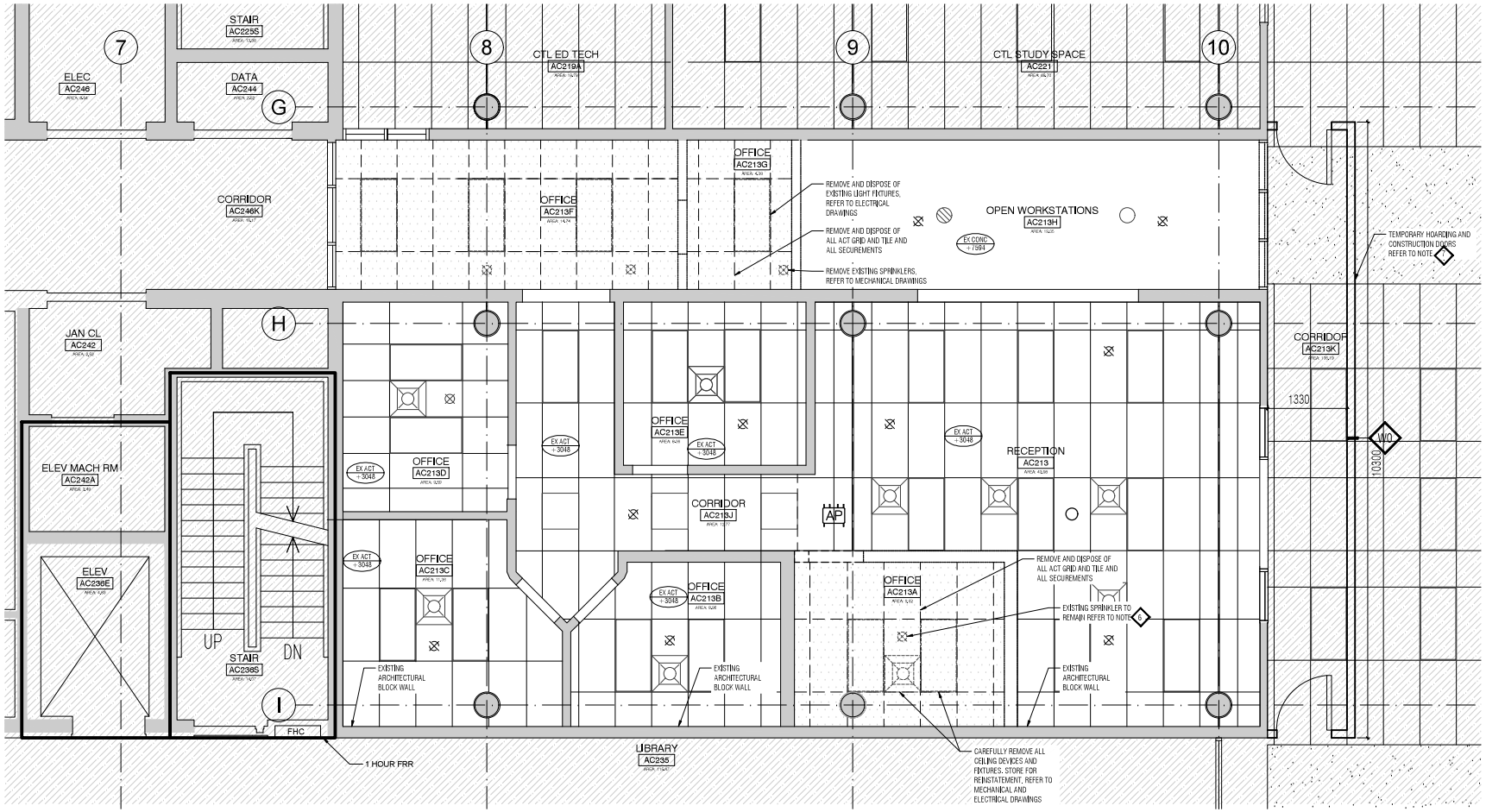
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE
AC213 EXISTING FLOOR PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO. A1.1



01 / A1.2 **AC213 EXISTING REFLECTED CEILING PLAN**
1:50

GENERAL NOTES APPLY TO ALL DRAWINGS:

1. THE DRAWINGS ARE NOT STANDALONE AND ARE TO BE READ IN CONJUNCTION WITH THE COMPLETE SET OF CONTRACT DOCUMENTS.
2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING (PROVINCIAL & MUNICIPAL) AUTHORITIES.
3. EXISTING CONSTRUCTION SHOWN HAS BEEN TAKEN FROM AVAILABLE INFORMATION, WHEN SPECIFIC DETAILS ARE UNAVAILABLE, ASSUMPTIONS HAVE BEEN MADE REGARDING PROBABLE CONSTRUCTION. ANY VARIANCE FROM CONSTRUCTION AS SHOWN ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO ATTENTION OF UTSC PM.
4. FILL ALL EXISTING HOLES LEFT FROM MECHANICAL AND ELECTRICAL SERVICES REMOVED OR RELOCATED TO MAINTAIN REQUIRED FIRE SEPARATIONS.
5. PATCH AND MAKE GOOD ALL EXISTING FLOOR, WALL AND CEILING MATERIALS AND FINISHES DESTRUCTED BY CONSTRUCTION TO MATCH EXISTING ADJACENT.
6. CLEAN UP DEBRIS ON A DAILY BASIS AND DISPOSE OF IN AN APPROVED DISPOSAL FACILITY OFFSITE ON A REGULAR BASIS. BUILDING PREMISES ARE TO BE THOROUGHLY CLEANED PRIOR TO TAKEOVER BY THE OWNER.
7. ALL WORK SHALL BE INSTALLED IN A NEAT AND TIDY MANNER.
8. ADEQUATELY PROTECT THE WORK AT ALL STAGES OF CONSTRUCTION AND MAINTAIN THE PROTECTION UNTIL WORK IS COMPLETED. REMOVE AND REPLACE AT NO EXPENSE TO THE OWNER ANY DAMAGED WORK AND MATERIALS THAT CANNOT BE REPAIRED OR RESTORED TO OWNER'S SATISFACTION.
9. CONTRACTOR TO INCLUDE FOR REMOVAL, TEMPORARY STORAGE ON SITE OR HANDING OVER TO OWNER AS DETERMINED BY OWNER AND REINSTALLATION WHERE NOTED OF EXISTING EQUIPMENT, LIGHT FIXTURES, DOORS, HARDWARE, ETC. THAT ARE REQUIRED TO BE REMOVED, RELOCATED AND/OR REINSTALLED TO COMPLETE THE WORKS, ALL REMOVED MATERIALS REQUIRED TO BE REINSTALLED SHALL BE REINSTALLED IN UN DAMAGED CONDITION.

DEMOLITION DRAWING NOTES:

1. THE UTSC DEMOLITION DRAWINGS ARE TO BE READ WITH THE ELECTRICAL DEMOLITION DRAWINGS AND SPECIFICATIONS.
2. THE DIMENSIONS SHOWN IN THIS DRAWING ARE FROM EXISTING ELEMENTS, SUCH AS THE FINISHED FACE OF WALLS AND CEILINGS TO THE FACE OF NEW WORK.
3. IN AREAS OF RENOVATION, REMOVE ALL ITEMS THAT HAVE BECOME OBSOLETE OR DORMANT OR ARE NO LONGER NEEDED OR CONNECTED TO NEW WORK.
4. BEFORE THE RENOVATION, CONSULT WITH THE CLIENT AS TO WHICH ITEMS ARE TO BE REMOVED, REFURBISHED AND/OR STORED FOR REUSE.
5. IN SITUATIONS WHERE THE EXISTING CONFIGURATION DIFFERS FROM THE DRAWINGS, CONSULT WITH THE UTSC PM BEFORE DEMOLITION.

6. EXISTING SPRINKLER HEADS TO REMAIN IN PLACE. REMOVE AND REINSTATE COVER PLATES FOR NEW CEILING INSTALLATION.

7. PROVIDE TEMPORARY HOARDING WITH UNIVERSITY STANDARD MEDECO KEY LOCKABLE ACCESS DOORS ACCORDING TO DEMOLITION PLAN AND PARTITION SCHEDULE, DRAWING A2.8. PUBLIC SIDE TO BE PAINTED MIN. 2 COATS LATEX PAINT, SEMI-GLOSS.

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DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #
DCM2025-04

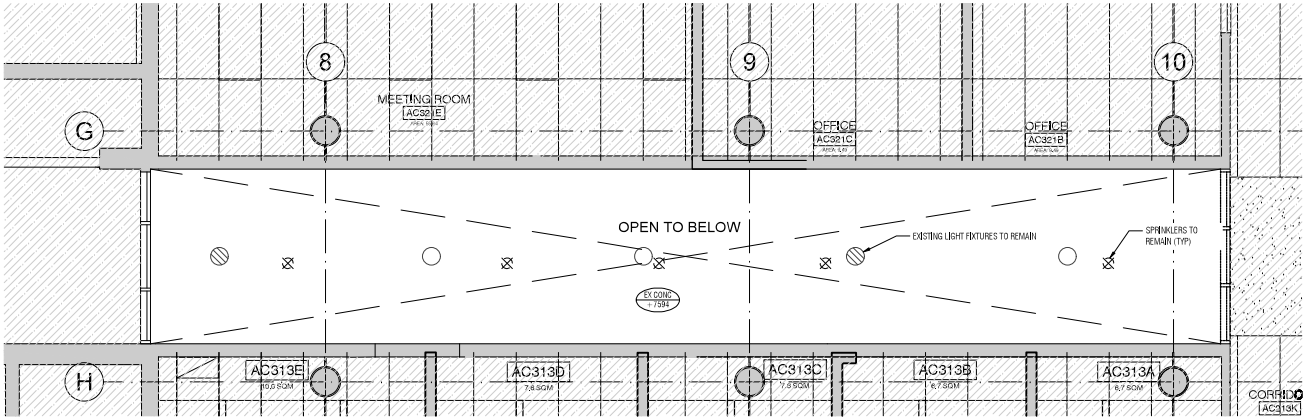
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE
AC213 EXISTING REFLECTED CEILING PLAN

DATE: 2025-06-10
DRAWING NO: A1.2
SCALE: AS NOTED



01 / A1.3 **EXISTING PARTIAL 3RD FLOOR REFLECTED CEILING PLAN**

1:50

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4. FILL ALL EXISTING HOLES LEFT FROM MECHANICAL AND ELECTRICAL SERVICES REMOVED OR RELOCATED TO MAINTAIN REQUIRED FIRE SEPARATIONS.
5. PATCH AND MAKE GOOD ALL EXISTING FLOOR, WALL AND CEILING MATERIALS AND FINISHES DESTRUCTED BY CONSTRUCTION TO MATCH EXISTING ADJACENT.
6. CLEAN UP DEBRIS ON A DAILY BASIS AND DISPOSE OF IN AN APPROVED DISPOSAL FACILITY OFFSITE ON A REGULAR BASIS. BUILDING PREMISES ARE TO BE THOROUGHLY CLEANED PRIOR TO TAKEOVER BY THE OWNER.
7. ALL WORK SHALL BE INSTALLED IN A NEAT AND TIDY MANNER.
8. ADEQUATELY PROTECT THE WORK AT ALL STAGES OF CONSTRUCTION AND MAINTAIN THE PROTECTION UNTIL WORK IS COMPLETED, REMOVE AND REPLACE AT NO EXPENSE TO THE OWNER ANY DAMAGED WORK AND MATERIALS THAT CANNOT BE REPAIRED OR RESTORED TO OWNER'S SATISFACTION.
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3. IN AREAS OF RENOVATION, REMOVE ALL ITEMS THAT HAVE BECOME OBSOLETE OR DORMANT OR ARE NO LONGER NEEDED OR CONNECTED TO NEW WORK.
4. BEFORE THE RENOVATION, CONSULT WITH THE CLIENT AS TO WHICH ITEMS ARE TO BE REMOVED, REFURBISHED AND/OR STORED FOR REUSE.
5. IN SITUATIONS WHERE THE EXISTING CONFIGURATION DIFFERS FROM THE DRAWINGS, CONSULT WITH THE UTSC PM BEFORE DEMOLITION.

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #:
DCM2025-04

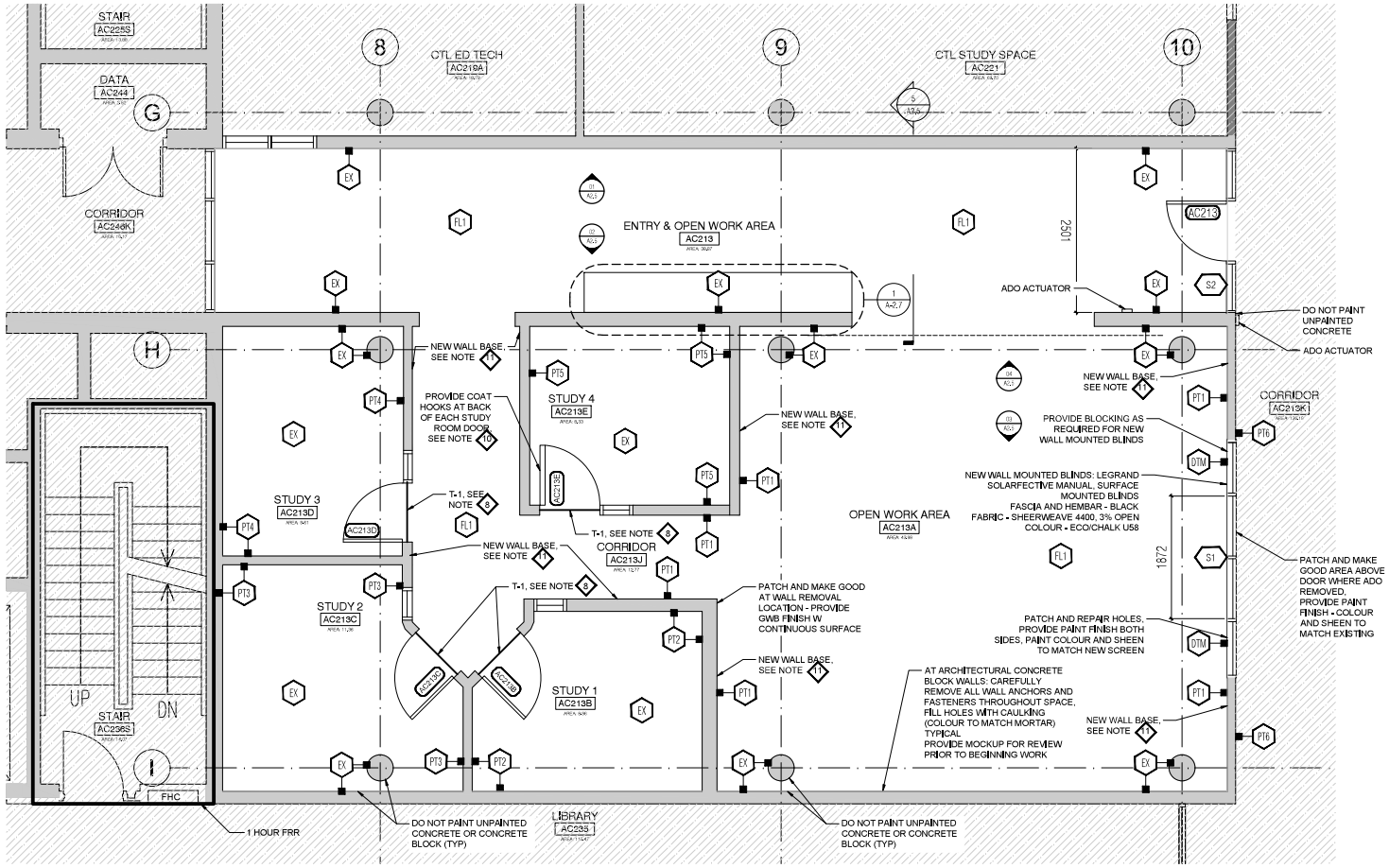
PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE:
EXISTING PARTIAL SECOND FLOOR PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: A1.3



01 A2.1 **AC213 PROPOSED FLOOR PLAN**
1:50

GENERAL NOTES APPLY TO ALL DRAWINGS:

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4. FILL ALL EXISTING HOLES LEFT FROM MECHANICAL AND ELECTRICAL SERVICES REMOVED OR RELOCATED TO MAINTAIN REQUIRED FIRE SEPARATIONS.
5. PATCH AND MAKE GOOD ALL EXISTING FLOOR, WALL AND CEILING MATERIALS AND FINISHES DESTRUCTED BY CONSTRUCTION TO MATCH EXISTING ADJACENT.
6. CLEAN UP DEBRIS ON A DAILY BASIS AND DISPOSE OF IN AN APPROVED DISPOSAL FACILITY OFFSITE ON A REGULAR BASIS. BUILDING PREMISES ARE TO BE THOROUGHLY CLEANED PRIOR TO TAKEOVER BY THE OWNER.
7. ALL WORK SHALL BE INSTALLED IN A NEAT AND TIDY MANNER.
8. ADEQUATELY PROTECT THE WORK AT ALL STAGES OF CONSTRUCTION AND MAINTAIN THE PROTECTION UNTIL WORK IS COMPLETED. REMOVE AND REPLACE AT NO EXPENSE TO THE OWNER ANY DAMAGED WORK AND MATERIALS THAT CANNOT BE REPAIRED OR RESTORED TO OWNER'S SATISFACTION.
9. CONTRACTOR TO INCLUDE FOR REMOVAL, TEMPORARY STORAGE ON SITE OR HANDING OVER TO OWNER AS DETERMINED BY OWNER AND REINSTALLATION WHERE NOTED OF EXISTING EQUIPMENT, LIGHT FIXTURES, DOORS, HARDWARE, ETC. THAT ARE REQUIRED TO BE REMOVED, RELOCATED AND/OR REINSTALLED TO COMPLETE THE WORKS. ALL REMOVED MATERIALS REQUIRED TO BE REINSTALLED SHALL BE REINSTALLED IN UN DAMAGED

DRAWING NOTES:

1. PRIOR TO CUTTING OR CORING ANY CONCRETE SLAB, SUSPENDED OR ON GRADE, OR ANY CONCRETE BEAM, INVESTIGATE BY TELEMETRICALLY SCANNING THE ELEMENT FOR PRESENCE OF EMBEDDED SERVICES (PIPING, CABLING, CONDUIT, ETC.) AND FOR LOCATIONS OF REINFORCING STEEL IN SUSPENDED CONCRETE SLABS AND BEAMS. COORDINATE LOCATIONS WITH UTSC PM.
2. SUPPLY AND INSTALL NEW FIRESTOPPING MATERIAL TO MAINTAIN EXISTING FIRE SEPARATIONS AT ALL ELECTRICAL AND MECHANICAL SERVICE PENETRATIONS. PROVIDE MATERIAL SUBMITTAL.
3. COORDINATE INSTALL OF NEW PARTITION TYPES WITH NEW AND EXISTING MECHANICAL AND ELECTRICAL.
4. PROVIDE ADEQUATE BLOCKING FOR ALL WALL MOUNTED AV EQUIPMENT, MILLWORKS, COAT HOOKS, MONITOR/SCREENS, WHITEBOARDS, BULLETIN BOARDS, ETC. REFER TO FF&E PLAN AND SCHEDULE.
5. GENERAL CONTRACTOR TO SUPPLY AND INSTALL ALL EQUIPMENT AND FURNISHINGS WHERE APPLICABLE ON PROPOSED FF&E SCHEDULE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DETAILS.
6. GENERAL CONTRACTOR TO ALLOW FOR RECEIVING OF ALL EQUIPMENT AND FURNITURE AT LOADING DOCK AND COORDINATING INSTALL INCLUDING FOR ITEMS PURCHASED BY OWNER (UTSC). COORDINATE WITH UTSC PM FOR ACCEPTABLE ROUTES.
7. ALL EXISTING WALLS TO BE MADE READY TO RECEIVE NEW FINISHES. PATCH REPAIR ALL SURFACES WHERE DEMO SCOPE HAS BEEN REMOVED.

8. PROVIDE ALUMINUM FLOORING REDUCER (T-1) BY KN CROWDER, DIMENSIONS TO SUIT EXISTING OPENINGS AT AC213B, AC213C, AC213D AND AC213E.

9. PAINT ACCORDING TO FINISH PLAN. DO NOT PAINT EXPOSED CONCRETE, CONCRETE BLOCK OR UNPAINTED WOOD.

10. AT BACK OF EACH STUDY ROOM DOOR, PROVIDE COAT HOOKS (2), BOBRICK B-983, FILL ANY EXPOSED HOLES FROM PREVIOUS HOOKS WITH MATCHING WOOD FILLER.

11. PROVIDE NEW RUBBER WALL BASE AT ALL LOCATIONS WHERE GWB PARTITION MEETS POLISHED CONCRETE FLOOR.

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Toronto Ontario
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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #
DCM2025-04

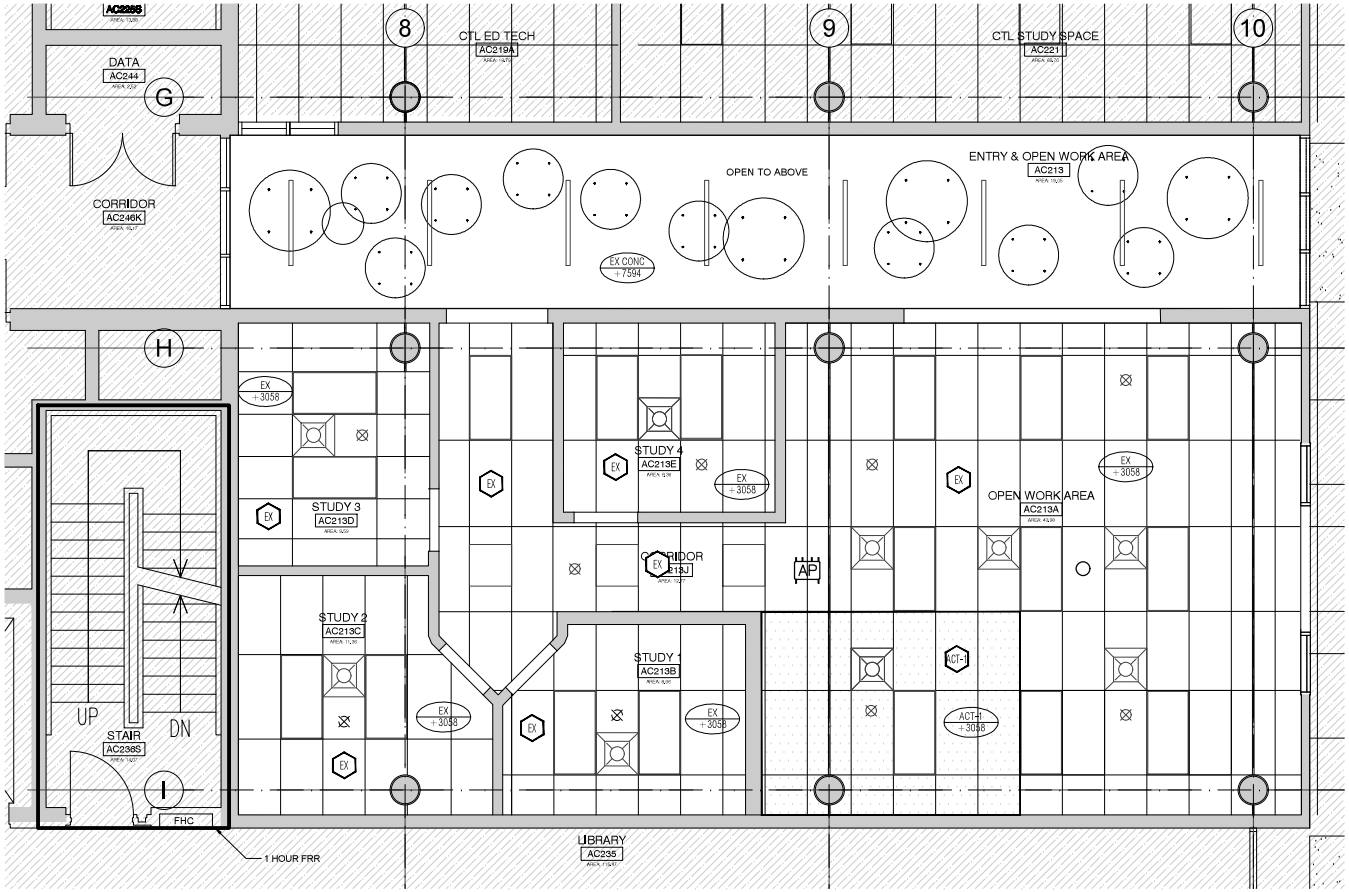
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE
AC213 PROPOSED FLOOR PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO. A2.1



01 A2.2 **AC213 PROPOSED REFLECTED CEILING PLAN**
1:50

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DRAWING NOTES:

1. PRIOR TO CUTTING OR CORING ANY CONCRETE SLAB, SUSPENDED OR ON GRADE, OR ANY CONCRETE BEAM, INVESTIGATE BY TELEMETRICALLY SCANNING THE ELEMENT FOR PRESENCE OF EMBEDDED SERVICES (PIPING, CABLING, CONDUIT, ETC.) AND FOR LOCATIONS OF REINFORCING STEEL IN SUSPENDED CONCRETE SLABS AND BEAMS. COORDINATE LOCATIONS WITH UTSC PM.
2. SUPPLY AND INSTALL NEW FIRESTOPPING MATERIAL TO MAINTAIN EXISTING FIRE SEPARATIONS AT ALL ELECTRICAL AND MECHANICAL SERVICE PENETRATIONS. PROVIDE MATERIAL SUBMITTAL.

867

1168

SUSPENDED ACOUSTIC PANELS
EZOBORD, VERI, SUSPENDED CEILING, 25mm THICK,
EZOPRINT SPECTRUM COLOUR COLLECTION

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PROJECT #
DCM2025-04

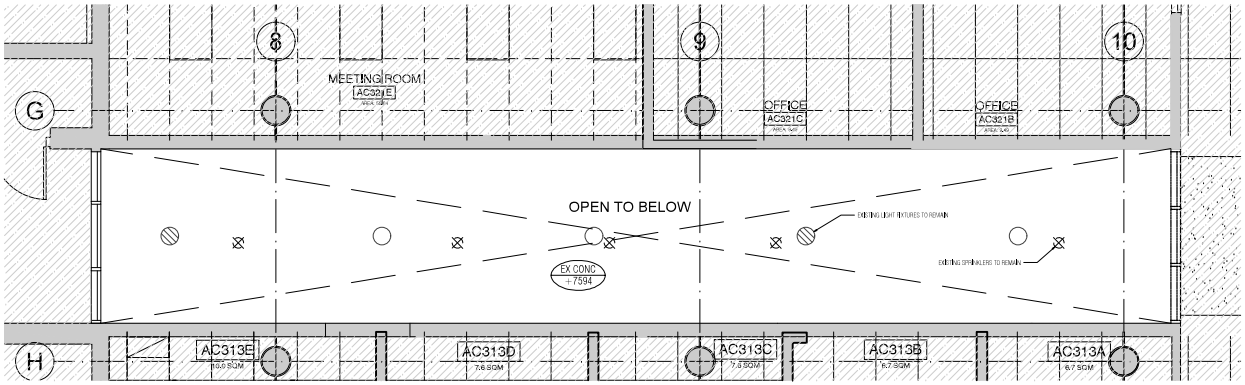
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE
AC213 PROPOSED REFLECTED CEILING PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO. A2.2



01 A2.3 **PROPOSED PARTIAL 3RD FLOOR REFLECTED CEILING PLAN**
1:50

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2. SUPPLY AND INSTALL NEW FIRESTOPPING MATERIAL TO MAINTAIN EXISTING FIRE SEPARATIONS AT ALL ELECTRICAL AND MECHANICAL SERVICE PENETRATIONS. PROVIDE MATERIAL SUBMITTAL.
3. COORDINATE INSTALL OF NEW PARTITION TYPES WITH NEW AND EXISTING MECHANICAL AND ELECTRICAL.
4. PROVIDE ADEQUATE BLOCKING FOR ALL WALL MOUNTED AV EQUIPMENT, MILLWORKS, COAT HOOKS, MONITOR/SCREENS, WHITEBOARDS, BULLETIN BOARDS, ETC. REFER TO FF&E PLAN AND SCHEDULE.
5. GENERAL CONTRACTOR TO SUPPLY AND INSTALL ALL EQUIPMENT AND FURNISHINGS WHERE APPLICABLE ON PROPOSED FF&E SCHEDULE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DETAILS.
6. GENERAL CONTRACTOR TO ALLOW FOR RECEIVING OF ALL EQUIPMENT AND FURNITURE AT LOADING DOCK AND COORDINATING INSTALL INCLUDING FOR ITEMS PURCHASED BY OWNER (UTSC). COORDINATE WITH UTSC PM FOR ACCEPTABLE ROUTES.
7. ALL EXISTING WALLS TO BE MADE READY TO RECEIVE NEW FINISHES. PATCH REPAIR ALL SURFACES WHERE DEMO SCOPE HAS BEEN REMOVED.
8. PAINT ACCORDING TO FINISH PLAN. DO NOT PAINT EXPOSED CONCRETE, CONCRETE BLOCK OR UNPAINTED WOOD.
9. PATCH, REPAIR AND MAKE GOOD FOR PAINT FINISH, WALL AT NEW MILLWORK AT ANY AND ALL AREAS MODIFIED FOR NEW MECHANICAL.

UNIVERSITY OF TORONTO SCARBOROUGH
DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

LEGEND:

- OUT OF SCOPE
- AREA OF WORK
- 45 min FIRE SEPARATION
- 60 min FIRE SEPARATION
- TO BE REMOVED
- EXISTING CONCRETE PARTITION WALL TO REMAIN
- EXISTING PARTITION WALL TO BE DEMOLISHED
- NEW PARTITION
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING ACT TO BE DEMOLISHED
- EXISTING LIGHTS TO BE REMOVED REFER TO ELECTRICAL

NO.	DATE	REVISION/ISSUE	BY
02	2025-06-10	ISSUED FOR TENDER	AM
01	2025-06-10	ISSUED FOR PERMIT	AM

Notes:

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #
DCM2025-04

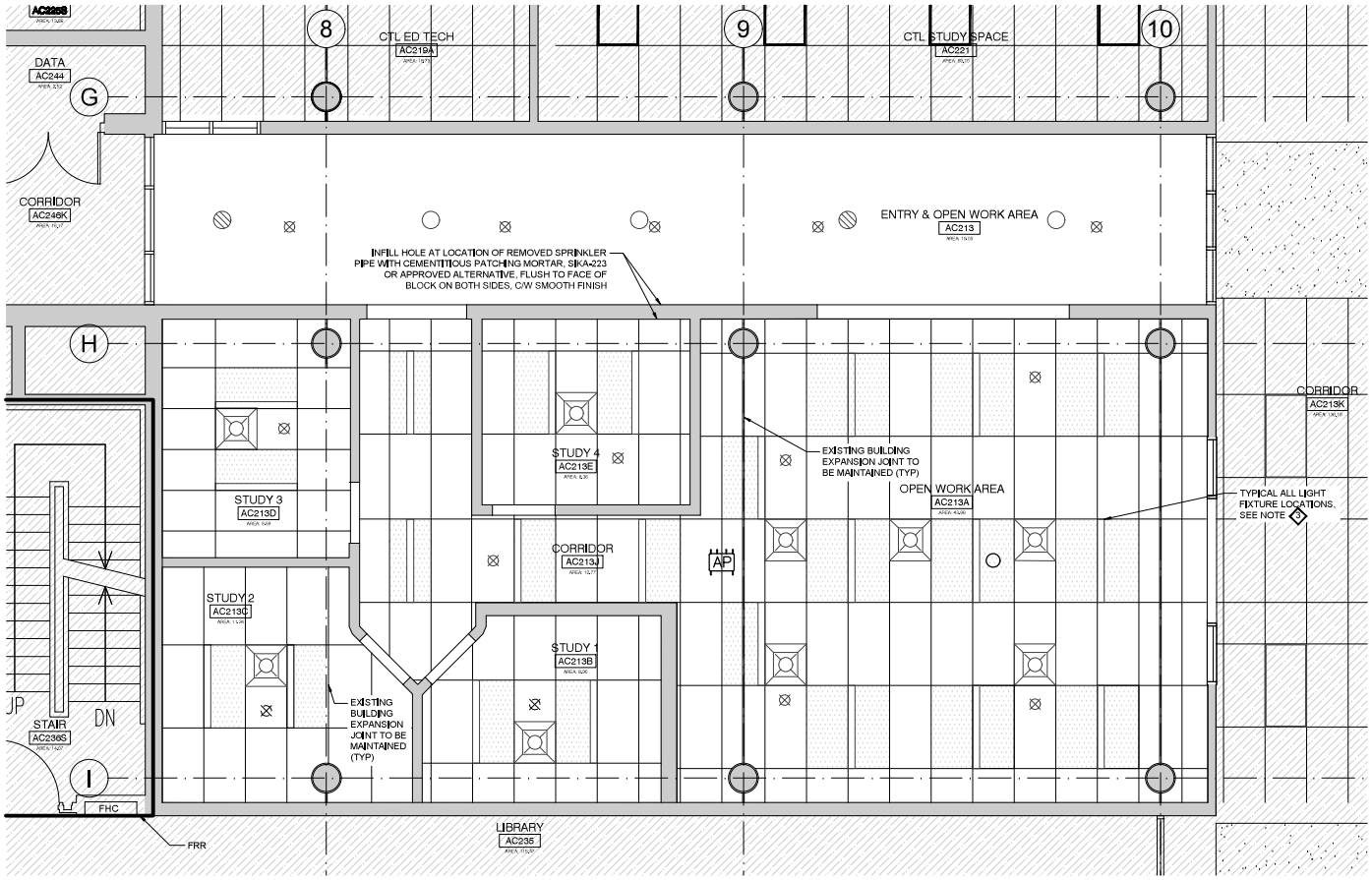
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE
AC213 PROPOSED PARTIAL 3RD FLOOR REFLECTED CEILING PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO. A2.3



01 A2.4 ALTERNATE PRICE #01: AC213 PROPOSED REFLECTED CEILING PLAN

1:50

GENERAL NOTES APPLY TO ALL DRAWINGS:

1. THE DRAWINGS ARE NOT STANDALONE AND ARE TO BE READ IN CONJUNCTION WITH THE COMPLETE SET OF CONTRACT DOCUMENTS.
2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING (PROVINCIAL & MUNICIPAL) AUTHORITIES.
3. EXISTING CONSTRUCTION SHOWN HAS BEEN TAKEN FROM AVAILABLE INFORMATION, WHEN SPECIFIC DETAILS ARE UNAVAILABLE, ASSUMPTIONS HAVE BEEN MADE REGARDING PROBABLE CONSTRUCTION, ANY VARIANCE FROM CONSTRUCTION AS SHOWN ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO ATTENTION OF UTSC PM.
4. FILL ALL EXISTING HOLES LEFT FROM MECHANICAL AND ELECTRICAL SERVICES REMOVED OR RELOCATED TO MAINTAIN REQUIRED FIRE SEPARATIONS.
5. PATCH AND MAKE GOOD ALL EXISTING FLOOR, WALL AND CEILING MATERIALS AND FINISHES DESTRUCTED BY CONSTRUCTION TO MATCH EXISTING ADJACENT.
6. CLEAN UP DEBRIS ON A DAILY BASIS AND DISPOSE OF IN AN APPROVED DISPOSAL FACILITY OFFSITE ON A REGULAR BASIS. BUILDING PREMISES ARE TO BE THOROUGHLY CLEANED PRIOR TO TAKEOVER BY THE OWNER.
7. ALL WORK SHALL BE INSTALLED IN A NEAT AND TIDY MANNER.
8. ADEQUATELY PROTECT THE WORK AT ALL STAGES OF CONSTRUCTION AND MAINTAIN THE PROTECTION UNTIL WORK IS COMPLETED. REMOVE AND REPLACE AT NO EXPENSE TO THE OWNER ANY DAMAGED WORK AND MATERIALS THAT CANNOT BE REPAIRED OR RESTORED TO OWNER'S SATISFACTION.
9. CONTRACTOR TO INCLUDE FOR REMOVAL, TEMPORARY STORAGE ON SITE OR HANDING OVER TO OWNER AS DETERMINED BY OWNER AND REINSTALLATION WHERE NOTED OF EXISTING EQUIPMENT, LIGHT FIXTURES, DOORS, HARDWARE, ETC. THAT ARE REQUIRED TO BE REMOVED, RELOCATED AND/OR REINSTALLED TO COMPLETE THE WORKS. ALL REMOVED MATERIALS REQUIRED TO BE REINSTALLED SHALL BE REINSTALLED IN UN DAMAGED CONDITION.

DRAWING NOTES:

1. PRIOR TO CUTTING OR CORING ANY CONCRETE SLAB, SUSPENDED OR ON GRADE, OR ANY CONCRETE BEAM, INVESTIGATE BY TELEMETRICALLY SCANNING THE ELEMENT FOR PRESENCE OF EMBEDDED SERVICES (PIPING, CABLING, CONDUIT, ETC.) AND FOR LOCATIONS OF REINFORCING STEEL IN SUSPENDED CONCRETE SLABS AND BEAMS. COORDINATE LOCATIONS WITH UTSC PM.
2. SUPPLY AND INSTALL NEW FIRESTOPPING MATERIAL TO MAINTAIN EXISTING FIRE SEPARATIONS AT ALL ELECTRICAL AND MECHANICAL SERVICE PENETRATIONS. PROVIDE MATERIAL SUBMITTAL.

3. AT EACH NEW LIGHT FIXTURE LOCATION, MODIFY ACT GRID AND TILE TO SUIT NEW FIXTURE DIMENSION AND PROVIDE NEW ACT TILE AT PREVIOUS FIXTURE LOCATION WHERE INDICATED BY HATCH.

UNIVERSITY OF TORONTO SCARBOROUGH

DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
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LEGEND:

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- 45 min FIRE SEPARATION
- 60 min FIRE SEPARATION
- TO BE REMOVED
- EXISTING CONCRETE PARTITION WALL TO REMAIN
- EXISTING PARTITION WALL TO BE DEMOLISHED
- NEW PARTITION
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING ACT TO BE DEMOLISHED
- EXISTING LIGHTS TO BE REMOVED REFER TO ELECTRICAL

NO.	DATE	REVISION/ND	BY
01	2025-06-10	ISSUED FOR TENDER	AM

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #:
DCM2025-04

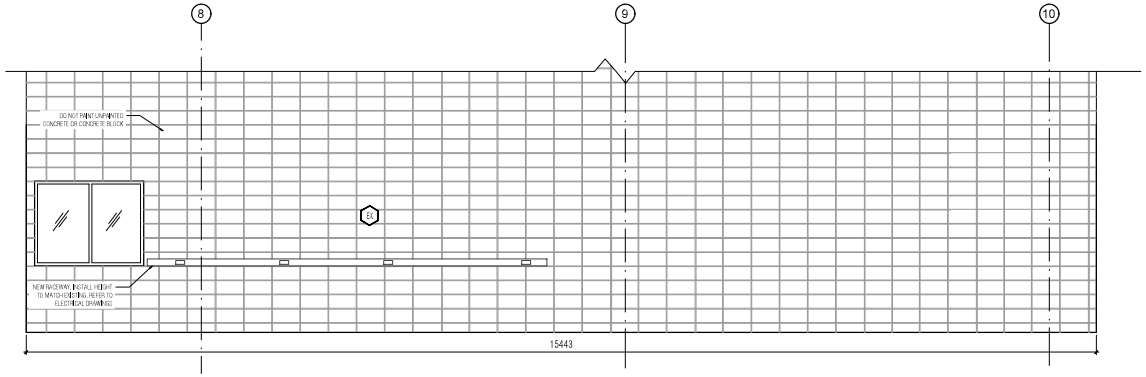
PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

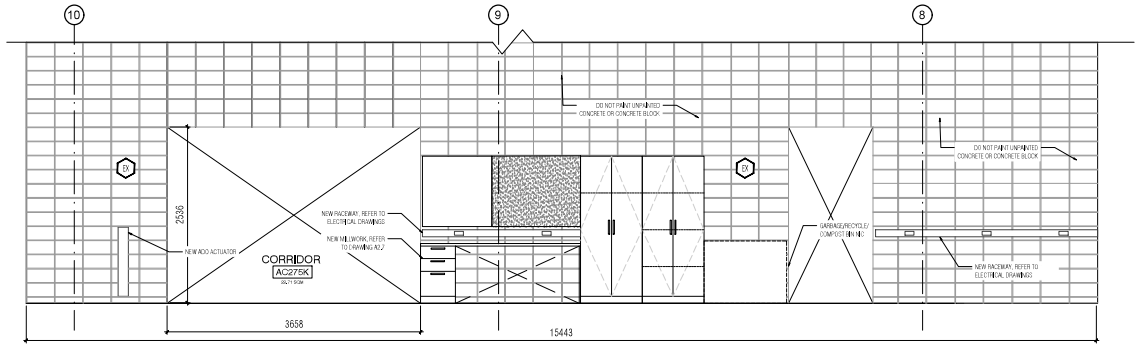
DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE:
AC213 ALTERNATE PRICE #01 PROPOSED REFLECTED CEILING PLAN

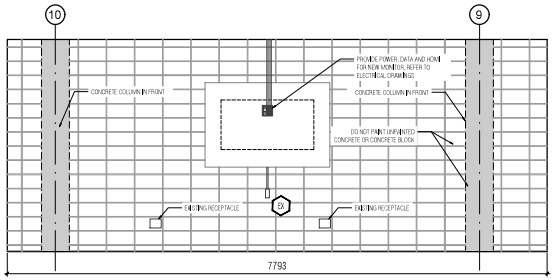
DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: A2.4



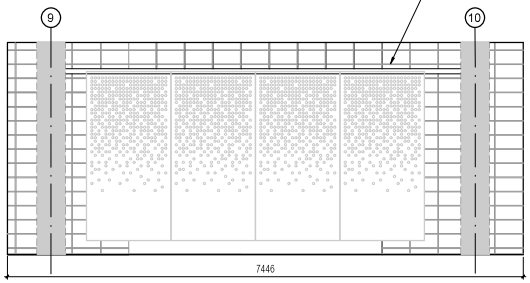
01 A2.5 **AC213 PROPOSED ELEVATION** 1:50



02 A2.5 **AC213 PROPOSED ELEVATION** 1:50

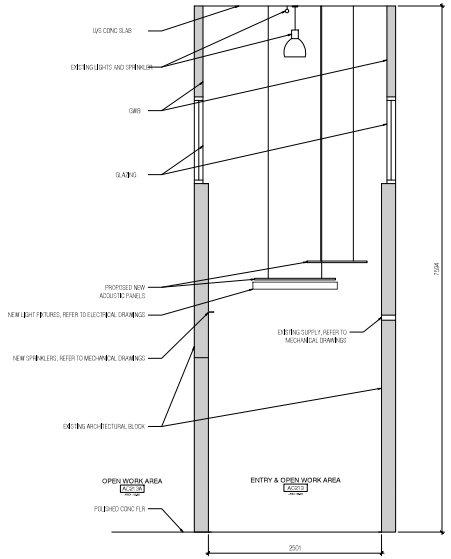


03 A2.5 **AC213 PROPOSED ELEVATION** 1:50



SEPARATE PRICE #01: PROVIDE ACOUSTIC FELT WALL HANGINGS BY FILZ FELT, MATRIX HANGING PANELS (4 X 1219mm X 2438mm), WALL MOUNTED TRACK SYSTEM WITH 4 CHANNELS, GROMMETS, WEIGHTED RODS, 5mm THICK

04 A2.5 **AC213 PROPOSED ELEVATION** 1:50



05 A2.5 **AC213 PROPOSED SECTION** 1:50

UNIVERSITY OF TORONTO SCARBOROUGH

DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

LEGEND:

- OUT OF SCOPE
- AREA OF WORK
- 45 min FIRE SEPARATION
- 60 min FIRE SEPARATION
- TO BE REMOVED
- EXISTING CONCRETE PARTITION WALL TO REMAIN
- EXISTING PARTITION WALL TO BE DEMOLISHED
- NEW PARTITION
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING ACT TO BE DEMOLISHED
- EXISTING LIGHTS TO BE REMOVED REFER TO ELECTRICAL

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #
DCM2025-04

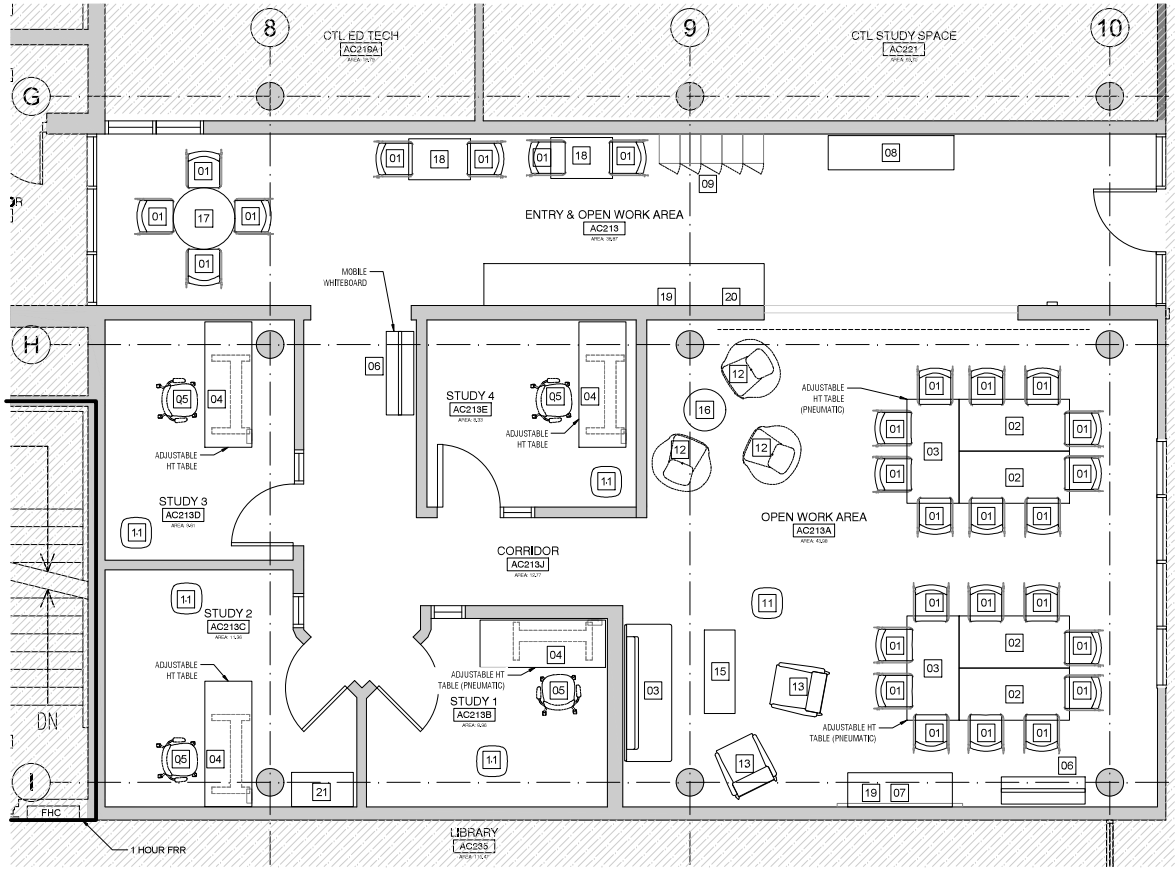
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

INSTRUCTIONAL CENTRE, 1095 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE
AC213 PROPOSED ELEVATIONS

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO. A2.5



01 A2.6 **FF&E PLAN AC213**
1:50

FURNITURE & EQUIPMENT LIST - AC213					
REFERENCE NUMBER	EQUIPMENT TYPE/FUNCTION	MANUFACTURER / MODEL NUMBER	Existing (E). New (N)	SUPPLIER	QUANTITY
01	CHAIR	TBC	N	OWNER	28
02	TABLE	TBC	N	OWNER	6
03	TABLE - HEIGHT ADJUSTABLE (PNEUMATIC)	TBC	N	OWNER	2
04	TABLE - HEIGHT ADJUSTABLE (ELECTRIC)	TBC	N	OWNER	4
05	TASK CHAIR	TBC	N	OWNER	4
06	WHITEBOARD (MOBILE)	TBC	N	OWNER	2
07	MONITOR	TBC	N	OWNER	1
08	BENCH	TBC	N	OWNER	1
09	LOCKERS	1/2 DAY LOCKERS	N	OWNER	10
10	WHITEBOARD	TBC	N	OWNER	1
11	OTTOMAN	TBC	N	OWNER	4
12	LOUNGE CHAIRS	TBC	N	OWNER	3
13	LOUNGE CHAIRS	TBC	N	OWNER	2
14	SOFA	TBC	N	OWNER	1
15	COFFEE TABLE (RECTANGLE)	TBC	N	OWNER	1
16	COFFEE TABLE (ROUND)	TBC	N	OWNER	1
17	TABLE (ROUND)	TBC	N	OWNER	1
18	TABLE (RECTANGLE)	TBC	N	OWNER	2
19	WHITEBOARD	TBC	N	OWNER	1
20	ACOUSTIC TACKBOARD	TBC	N	OWNER	1
21	STORAGE	TBC	N	OWNER	1

02 A2.6 **EQUIPMENT SCHEDULE AC213**
1:50

GENERAL NOTES APPLY TO ALL DRAWINGS:

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4. FILL ALL EXISTING HOLES LEFT FROM MECHANICAL AND ELECTRICAL SERVICES REMOVED OR RELOCATED TO MAINTAIN REQUIRED FIRE SEPARATIONS.
5. PATCH AND MAKE GOOD ALL EXISTING FLOOR, WALL AND CEILING MATERIALS AND FINISHES DESTRUCTED BY CONSTRUCTION TO MATCH EXISTING ADJACENT.
6. CLEAN UP DEBRIS ON A DAILY BASIS AND DISPOSE OF IN AN APPROVED DISPOSAL FACILITY OFFSITE ON A REGULAR BASIS. BUILDING PREMISES ARE TO BE THOROUGHLY CLEANED PRIOR TO TAKEOVER BY THE OWNER.
7. ALL WORK SHALL BE INSTALLED IN A NEAT AND TIDY MANNER.
8. ADEQUATELY PROTECT THE WORK AT ALL STAGES OF CONSTRUCTION AND MAINTAIN THE PROTECTION UNTIL WORK IS COMPLETED. REMOVE AND REPLACE AT NO EXPENSE TO THE OWNER ANY DAMAGED WORK AND MATERIALS THAT CANNOT BE REPAIRED OR RESTORED TO OWNER'S SATISFACTION.
9. CONTRACTOR TO INCLUDE FOR REMOVAL, TEMPORARY STORAGE ON SITE OR HANDING OVER TO OWNER AS DETERMINED BY OWNER AND REINSTALLATION WHERE NOTED OF EXISTING EQUIPMENT, LIGHT FIXTURES, DOORS, HARDWARE, ETC. THAT ARE REQUIRED TO BE REMOVED, RELOCATED AND/OR REINSTALLED TO COMPLETE THE WORKS. ALL REMOVED MATERIALS REQUIRED TO BE REINSTALLED SHALL BE REINSTALLED IN UN DAMAGED CONDITION.

DRAWING NOTES:

1. GENERAL CONTRACTOR TO SUPPLY AND INSTALL ALL EQUIPMENT AND FURNISHINGS WHERE APPLICABLE ON FFE SCHEDULE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL DETAILS.
2. GENERAL CONTRACTOR TO ALLOW FOR RECEIVING OF ALL EQUIPMENT AND FURNITURE AT LOADING DOCK AND COORDINATING INSTALL, INCLUDING ITEMS PURCHASED BY OWNER (UTSC). COORDINATE WITH UTSC PM FOR ACCEPTABLE ROUTES.
3. GENERAL CONTRACTOR TO PROVIDE ADEQUATE BLOCKING FOR AV EQUIPMENT WHERE INDICATED ON PLAN.

UNIVERSITY OF TORONTO SCARBOROUGH
DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

LEGEND:

- OUT OF SCOPE
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- 45 min FIRE SEPARATION
- 60 min FIRE SEPARATION
- TO BE REMOVED
- EXISTING CONCRETE PARTITION WALL TO REMAIN
- EXISTING PARTITION WALL TO BE DEMOLISHED
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- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING ACT TO BE DEMOLISHED
- EXISTING LIGHTS TO BE REMOVED REFER TO ELECTRICAL

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #:
DCM2025-04

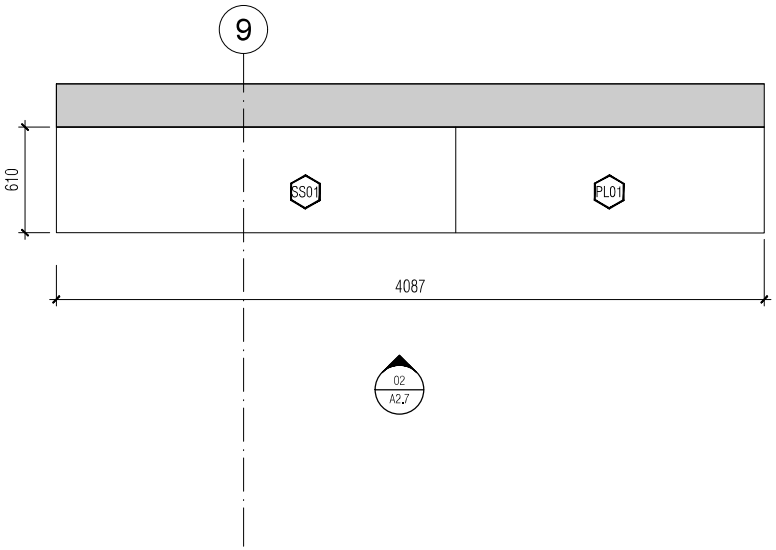
PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

INSTRUCTIONAL CENTRE, 1095 MILITARY TRAIL

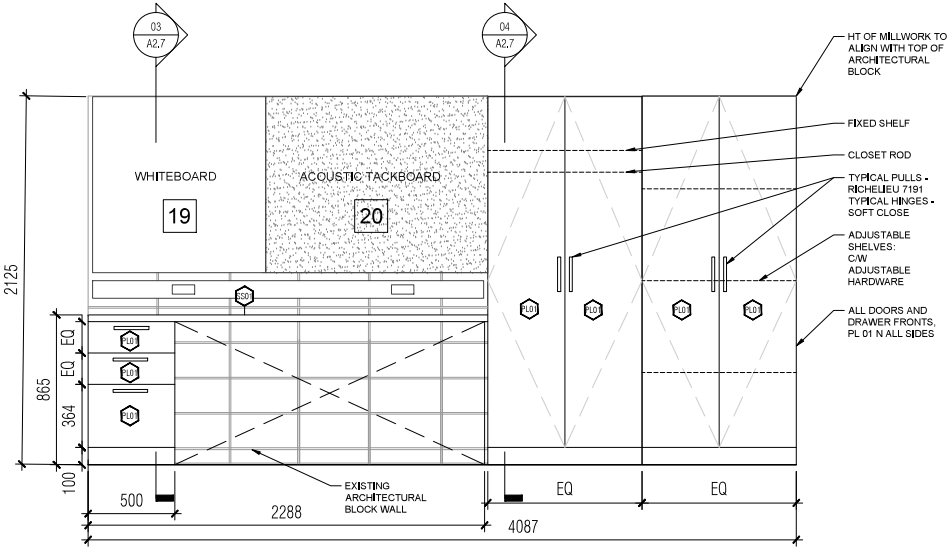
DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE:
PROPOSED FINISH & PARTITION SCHEDULE & DETAILS

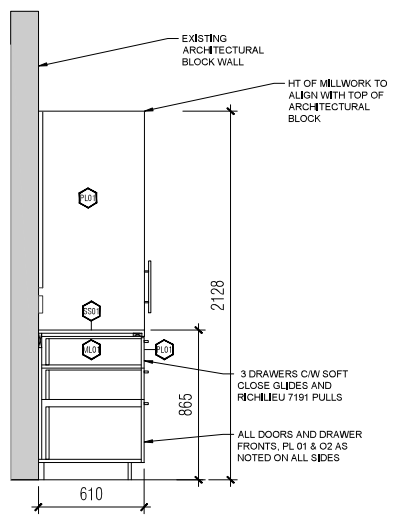
DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: A2.6



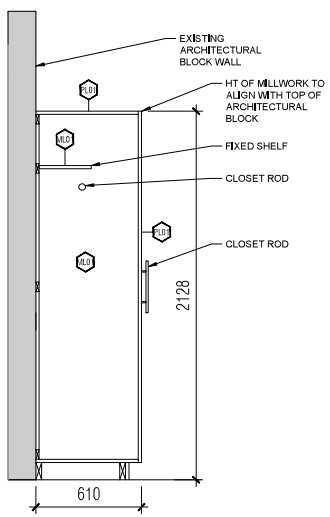
01 A2.7 **PLAN**
1:20



02 A2.7 **ELEVATION**
1:20



03 A2.7 **SECTION**
1:20



04 A2.7 **SECTION**
1:20

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1265 Military Trail
Toronto Ontario
M1C 1A4

LEGEND:

PL01	19MM MDF W/ AGT SUPRAMAT MAT LAQUER SURFACE, SUBLIME COLLECTION, COLOUR TBD
MLO1	19MM WHITE MELAMINE
SS01	25MM SUPERNATURAL SERIES CAESARSTONE (WITH MITERED EDGE AT 45° ANGLE WITH 3 TO 4MM) PENCIL ROUND EDGE AND MANUFACTURE ADHESIVE, COLOR TO BE COORDINATED

NO.	DATE	REVISION/ISSUE	BY
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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #:
DCM2025-04

PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

INSTRUCTIONAL CENTRE, 1095 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE:
PROPOSED MILLWORK

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: A2.7

TYPE	MATERIAL	DESCRIPTION	NOTES
EX	EXISTING FINISH OR MATERIAL	EXISTING FINISH OR MATERIAL TO REMAIN. DO NOT PAINT UNPAINTED WOOD	CONTRACTOR TO MAKE GOOD ANY DAMAGE TO EXISTING SURFACE DURING CONSTRUCTION.
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG OPTIMA LAY-IN FIBERGLASS TILE. 2' X 4' CEILING GRID WITH SILHOUETTE XL 3/4" REVEAL, SLOTTED TEE SYSTEM. STANDARD WHITE FINISH. COMPLETE WITH ALL HANGERS AND SECUREMENT METHODS.	REFER TO GENERAL FINISH NOTES
FL-1	POLISHED CONCRETE	EXISTING CONCRETE FLOORS TO BE CLEANED, MADE GOOD AND READY TO RECEIVE CONCRETE FLOOR SEALER SYSTEM, ARMOUR ROCK CONCRETE POLISH SYSTEM. REFER TO SPECIFICATIONS.	PROVIDE 100mm HIGH JOHNSONSITE WALL BASE WHERE POLISHED CONCRETE MEETS GWB PARTITION REFER TO GENERAL FINISH NOTES
PT1	WALL PAINT	PAINT GWB WITH ONE[1] BASE COAT OF SHERWIN WILLIAMS PRO MAR 200 PRIMER TWO[2] COATS OF SHERWIN WILLIAMS PROMAR 200 INTERIOR LATEX, SHEEN TO BE EGG-SHELL. COLOUR SW7006 EXTRA WHITE	REFER TO GENERAL FINISH NOTES
PT2	WALL PAINT	PAINT GWB WITH ONE[1] BASE COAT OF SHERWIN WILLIAMS PRO MAR 200 PRIMER TWO[2] COATS OF SHERWIN WILLIAMS PROMAR 200 INTERIOR LATEX, SHEEN TO BE EGG-SHELL. COLOUR SW7006 EXTRA WHITE.	REFER TO GENERAL FINISH NOTES
PT3	WALL PAINT	PAINT GWB WITH ONE[1] BASE COAT OF SHERWIN WILLIAMS PRO MAR 200 PRIMER TWO[2] COATS OF SHERWIN WILLIAMS PROMAR 200 INTERIOR LATEX, SHEEN TO BE EGG-SHELL. COLOUR SW7006 EXTRA WHITE	REFER TO GENERAL FINISH NOTES
PT4	WALL PAINT	PAINT GWB WITH ONE[1] BASE COAT OF SHERWIN WILLIAMS PRO MAR 200 PRIMER TWO[2] COATS OF SHERWIN WILLIAMS PROMAR 200 INTERIOR LATEX, SHEEN TO BE EGG-SHELL. COLOUR SW7006 EXTRA WHITE	REFER TO GENERAL FINISH NOTES
PT5	WALL PAINT	PAINT GWB WITH ONE[1] BASE COAT OF SHERWIN WILLIAMS PRO MAR 200 PRIMER TWO[2] COATS OF SHERWIN WILLIAMS PROMAR 200 INTERIOR LATEX, SHEEN TO BE EGG-SHELL. COLOUR SW7006 EXTRA WHITE	REFER TO GENERAL FINISH NOTES
PT6	WALL PAINT	PAINT GWB WITH ONE[1] BASE COAT OF SHERWIN WILLIAMS PRO MAR 200 PRIMER TWO[2] COATS OF SHERWIN WILLIAMS PROMAR 200 INTERIOR LATEX, SHEEN TO BE EGG-SHELL. COLOUR SW7006 EXTRA WHITE	REFER TO GENERAL FINISH NOTES
DTM	DIRECT TO METAL PAINT	PAINT NEW AND EXISTING EXPOSED MECHANICAL ELEMENTS WITH SHERWIN WILLIAMS PRO INDUSTRIAL DTM ACRYLIC COATING. COLOUR AND SHEEN TO MATCH EXISTING. PREP AND PAINT EXISTING AND NEW SURFACES ACCORDING TO MANUFACTURER'S INSTRUCTIONS	REFER TO GENERAL FINISH NOTES

GENERAL FINISH NOTES

PAINTING

1. SUBMIT COPIES OF MANUFACTURER'S PRODUCT DATA INDICATING:
   - .1 PERFORMANCE CRITERIA, COMPLIANCE WITH APPROPRIATE REFERENCE STANDARD, CHARACTERISTICS, LIMITATIONS.
   - .2 PRODUCT TRANSPORTATION, STORAGE, HANDLING AND INSTALLATION REQUIREMENTS.
   - .3 SUBMIT LISTING OF MANUFACTURERS PRODUCT TYPES. PRODUCT CODES, AND PRODUCT NAMES, NUMBER OF COATS, AND DRY FILM THICKNESSES, CORRESPONDING TO EACH PAINTING SCHEDULE CODE.
2. SUBMIT THE FOLLOWING SAMPLES:
   - .1 THREE 300 X 150mm DRAW DOWNS OF EACH COLOUR MINIMUM 4 WEEKS BEFORE PAINTS ARE REQUIRED.
   - .2 IDENTIFY EACH SAMPLE WITH CONTRACT NUMBER AND TITLE, COLOUR REFERENCE, SHEEN, DATE, AND NAME OF APPLICATOR.

FINISHING WORK: PERFORM WORK TO MPI REQUIREMENTS FOR PREMIUM GRADE.

APPLY PAINTING SYSTEMS IN ACCORDANCE WITH THE MPI PAINTING SPECIFICATION MANUAL. APPLY EACH PRODUCT TO MANUFACTURER'S RECOMMENDED DRY FILM THICKNESS.

CEILING TILE

SUPPLY 5% OVERAGE FOR FACILITIES AND SUBMIT THE FOLLOWING SAMPLES:
- .1 TWO 6x6 SAMPLES OF EACH TILE. MINIMUM 2 WEEKS BEFORE ORDERING IS REQUIRED.
- .2 TWO 4" LONG SAMPLES OF SUSPENSION SYSTEM ACCESSORIES.

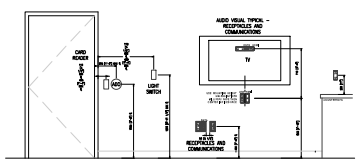
POLISHED CONCRETE

SUBMIT PRODUCT DATA SHEETS FOR REVIEW, PRODUCT TO BE REVIEW BEFORE PROVIDING 610 X 610 MM ON SITE MOCK UP.

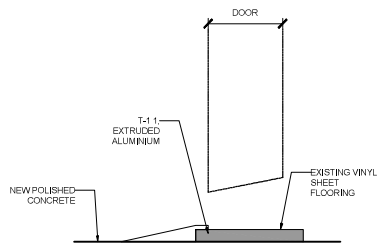
BLINDS

SUBMIT THE FOLLOWING SAMPLES:
- .1 TWO 200 X 200mm FABRIC SELECTION CARDS COLOUR MINIMUM 2 WEEKS BEFORE BLINDS ARE REQUIRED.
- .2 ONE 200 X 200mm CHIP OF EACH COLOUR WITH SHOP DRAWING SUBMITTALS ARE REQUIRED.
- .3 IDENTIFY EACH SAMPLE WITH CONTRACT NUMBER AND TITLE, COLOUR REFERENCE, AND DATE.

01 A2.8 **PROPOSED FINISH SCHEDULE**
NTS



02 A2.8 **TYPICAL MOUNTING HEIGHTS**
NTS



03 A2.8 **CONCRETE TO VINYL- TRANSITION 1**
NTS

TYPE	ASSEMBLY	CONSTRUCTION	NOTES
W		TEMPORARY HOARDING PLYWOOD: 3/4" PLYWOOD STEEL STUDS: 3 5/8" STEEL STUDS, 96" HT @ 16" O.C. BRACING AS REQUIRED. ABOVE SURFACE: PROVIDE SOFT CLOSURE OF FIBER GLASS TARPING SEALED TO U/S STRUCTURE AND PLYWOOD HOARDING.ALL JOINTS TO BE DUST TIGHT.	CONTINUOUS FROM FLOOR TO U/S OF EXISTING CEILING.

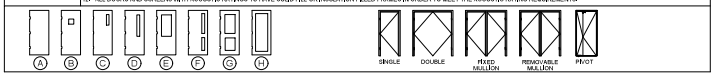
PROPOSED DOOR & FRAME DATA					OPERATING DETAILS													GLASS DETAILS					
NUMBER	DRAWING	ELEVATION	NEW	EXISTING		LEFT SIDELIGHT	RIGHT SIDELIGHT	TRANSOM	LOCKSET	HINGES	CYLINDER	DEADBOLT	OPERATOR	CLOSER	EXIT DEVICE	CONCEALED SOUND SEAL	THRESHOLD	FLR STOP	ASTRAGAL	CARD READER	CONTACT ELECTRIC STRIKE	ELECTRIC HINGE	KEY PAD	AUTOPSY PLATE	GPW	TEMPERED	LAMINATED	DOUBLE	FILM	BLINDS	NOTES
AC213	DM-1	H	●		DOOR TYPE: REBATE SIZES: FIRE RATING:	ALUMINUM ALUMICOR 2134mm X 965mm NONE			●	●	●	●	●	●		●	●			●			●			●	●			INTERIOR LATCH ALWAYS UNLOCKS DOOR. SUBMIT SHOP DRAWINGS OF DOOR & FRAME FOR APPROVAL.
			●		FRAME TYPE: ELEVATION: FIRE RATING:	ALUMINUM ALUMICOR SINGLE NONE	●	●													●	●								
AC213B	DM-1	A	●		DOOR TYPE: REBATE SIZES: FIRE RATING:	WOOD 2134mm X 965mm NONE				●																				REMOVE LOCKSET TO PASSAGE SET (NOT LOCKABLE) SUBMIT SHOP DRAWINGS OF DOOR & FRAME FOR APPROVAL.
			●		FRAME TYPE: ELEVATION: FIRE RATING:	ALUMINUM SINGLE NONE		●																						
AC213C		A	●		DOOR TYPE: REBATE SIZES: FIRE RATING:	WOOD 2134mm X 965mm NONE																								REMOVE LOCKSET TO PASSAGE SET (NOT LOCKABLE) SUBMIT SHOP DRAWINGS OF DOOR & FRAME FOR APPROVAL.
			●		FRAME TYPE: ELEVATION: FIRE RATING:	ALUMINUM SINGLE NONE		●																						
AC213D		A	●		DOOR TYPE: REBATE SIZES: FIRE RATING:	ALUMINUM 2134mm X 965mm NONE				●																				REMOVE LOCKSET TO PASSAGE SET (NOT LOCKABLE) SUBMIT SHOP DRAWINGS OF DOOR & FRAME FOR APPROVAL.
			●		FRAME TYPE: ELEVATION: FIRE RATING:	ALUMINUM SINGLE NONE		●																						
AC213E		A	●		DOOR TYPE: REBATE SIZES: FIRE RATING:	WOOD 2134mm X 965mm NONE				●																				EXISTING - NO CHANGE
			●		FRAME TYPE: ELEVATION: FIRE RATING:	ALUMINUM SINGLE NONE		●																						

HARDWARE LIST:

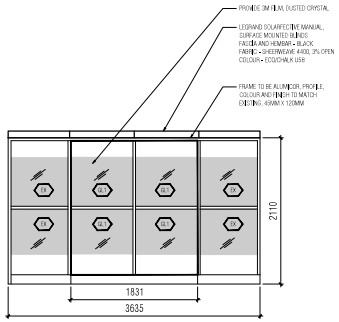
LOCKSET:	REFER TO HARDWARE PACKAGE	ASTRAGAL:	N/A
HINGES:	REFER TO HARDWARE PACKAGE	GPW:	N/A
CYLINDER:	BY OWNER	DOUBLE:	REFER TO GLAZING SCHEDULE
DEADBOLT:	REFER TO HARDWARE PACKAGE	FLOOR STOP:	REFER TO HARDWARE PACKAGE
OPERATOR:	REFER TO HARDWARE PACKAGE	FILM:	REFER TO DRAWINGS
CLOSER:	REFER TO HARDWARE PACKAGE	BLINDS:	N/A
EXIT DEVICE:	BY SECURITY/ELECTRICAL CONTRACTOR	CARD READER:	BY SECURITY/ELECTRICAL CONTRACTOR
PANIC BAR:	N/A	DOOR CONTACT:	BY SECURITY/ELECTRICAL CONTRACTOR
CONCEALED SWEEP:	KNC CT-44 MORTISED OR EQUAL BY MANUFACTURE	ELECTRIC STRIKE:	BY SECURITY/ELECTRICAL CONTRACTOR
SOUND DAMPENING KIT:	KNC W-22	ELECTRIC HINGE:	N/A
LOUVER:	N/A	KEY PAD:	BY SECURITY/ELECTRICAL CONTRACTOR

GENERAL NOTES:

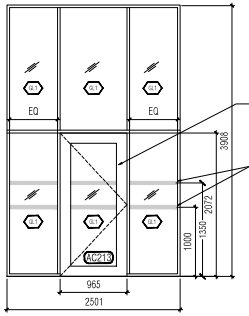
1. WOOD DOOR INSERTS TO MATCH EXISTING BUILDING STANDARDS. FABRICATED IN ACCORDANCE WITH AWMA/WMAC MANUAL, PREMIUM QUALITY AND FINISH WORK TO MEET AWMA/WMAC PREMIUM GRADE STANDARDS, FIRE RATED DOORS SHALL BE FABRICATED, LABELED AND LISTED BY AN ORGANIZATION ACCREDITED BY STANDARDS COUNCIL OF CANADA IN CONFORMANCE WITH ULC CAN/-S104-M80 AND ULC, FACTORY MACHINE DOORS FOR FINISH HARDWARE IN ACCORDANCE WITH HARDWARE REQUIREMENTS AND DIMENSIONS, DO NOT MACHINE FOR SURFACE HARDWARE AND PREFIT DOORS FOR FRAME OPENINGS AND DIMENSIONS. DOOR CONSTRUCTION TO BE WOOD VENEERED GRADE A AND EDGE SOLID HARDWOOD GRADE 1 FOR TRANSPARENT FINISH. SEAL, AND FINISH EXPOSED AND SEMI-EXPOSED SURFACES. CLEAR CATALYZED LACQUER. SHEEN AND STAIN FINISH TO MATCH BUILDING STANDARD.
2. FINISH OF ALUMINUM DOOR AND FRAMES TO MATCH EXISTING BUILDING STANDARD. SUBMIT SAMPLES FOR APPROVAL .
3. ALL ITEMS ON THE HARDWARE LIST ARE TO BE VERIFIED WHERE INDICATED IN THE DOOR OPERATING DETAILS AS COMPATIBLE.
4. ALL HOLLOW METAL AND SOLID CORE DOORS TO BE 45mm (1 3/4") THICK UNLESS OTHERWISE NOTED.
5. FOR INTERIOR GLAZING REFER TO GLAZING SCHEDULE.
6. FOR FIRE RATED DOORS TO BE FIRELITE PLUS 5/16" (8MM), SAFETY RATED GLASS CERAMIC WITH SURFACE APPLIED FILM. RATING AS PER DOOR SCHEDULE.
7. PROVIDE ACOUSTICAL JOINT SEALANT AROUND ALL EXISTING AND NEW FRAMES (BOTH SIDES).
8. SILICON JOINT SEALANT TO BE CLEAR, UNLESS OTHERWISE NOTED.
9. REINFORCE ALL DOORS AND FRAMES TO ACCEPT SPECIFIED DOOR HARDWARE. REFER TO DOOR & FRAME SCHEDULE FOR HARDWARE AND DEVICE LOCATIONS.
10. PROVIDE FULL PERIMETER ACOUSTIC SEALS AND BOTTOM SWEEP AT ALL STC RATED DOORS.
11. EVERY DOOR SHALL HAVE A DOOR STOP TO PROTECT THE INTEGRITY OF THE DOOR AND PROVIDE ADDITIONAL PROTECTION AGAINST DAMAGE OF THE WALL FINISH.
12. ALL DOORS AND SCREENS WITH ACOUSTIC RATINGS TO HAVE SOLID FILL OR INSULATION FILLED FRAMES IN ORDER TO MEET THE ACOUSTIC RATING REQUIREMENTS.



04 A2.8 **DOOR SCHEDULE**
NTS



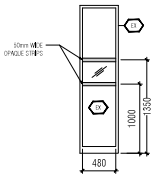
05 A2.8 **S1 SCREEN**
NTS



06 A2.8 **S2 SCREEN**
NTS

12mm CLEAR FULLY TEMPERED FIXED GLASS CONFORM TO ASTM C1048, KIND FT, CONDITION A, TYPE 1, QUALITY q3 COORDINATE WITH ALUMICOR SHOP DRAWINGS

NOTES:
-CONTRACTOR TO PROVIDE PAINTED ALUMINUM FRAME SHOP DRAWING.
-ROUGH OPENING AND OVERALL SIZE TO BE CONFIRMED BY THE MANUFACTURER.
-MANUFACTURER TO ADVISE IF ADDITIONAL STRUCTURAL SUPPORT IS REQUIRED.



07 A2.8 **TYP STUDY RM SIDELIGHT**
NTS

UNIVERSITY OF TORONTO SCARBOROUGH

DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

LEGEND:

- PL01 — 19MM MDF W/ AGT SUPRAMAT MAT LAQUER SURFACE. SUBLIME COLLECTION, COLOUR TBD
- ML01 — 19MM WHITE MELAMINE
- SS01 — 25MM SUPERNATURAL SERIES CAESARSTONE WITH MITERED EDGE AT 45° ANGLE WITH 3 TO 4MM PENCIL ROUND EDGE AND MANUFACTURE ADHESIVE. COLOR TO BE COORDINATED

NO.	DATE	REVISION NO	BY
02	2025-06-10	ISSUED FOR TENDER	AM
01	2025-06-10	ISSUED FOR PERMIT	AM

Notes:

All dimensions and information shall be checked and verified on the site and any discrepancies must be reported to the UofT Project Manager or the UofT Project Coordinator before commencing the work. Drawings are not to be scaled.

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CLIENT
OFFICE OF THE VICE PRINCIPAL ACADEMIC & DEAN, UNIVERSITY OF TORONTO SCARBOROUGH
1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #
DCM2025-04

PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

INSTRUCTIONAL CENTRE, 1095 MILITARY TRAIL

DRAWN BY: AM
CHECKED BY: AM

DRAWING TITLE
PROPOSED FINISH & PARTITION SCHEDULE & DETAILS

DATE: 2025-06-10
DRAWING NO: A2.8
SCALE: AS NOTED

A. MANUFACTURER'S ABBREVIATIONS:

1. OT - OTHER
2. SA - SARGENT
3. RO - ROCKWOOD
4. RF - RIXSON
5. BM - BESAM
6. SU – SECURITRON
7. CM – CAMDEN

HARDWARE SETS

SET: 1.0

SINGLE AC213D,
DESCRIPTION: EXISTING

1	ALL HARDWARE	EXISTING		OT

SET: 2.0

SINGLE AC213B, AC213C, AC213E,
DESCRIPTION: EXISTING X CLASSROOM

1	CLASSROOM LOCK	LC 8237 LNA	US32D	SA
1	CYLINDER	TO MATCH EXISTING BY OWNER		OT
1	ALL REMAINING HARDWARE	EXISTING		OT

SET: 3.0

SINGLE AC213,
DESCRIPTION: SINGLE X ALUMICOR

3	HINGES (HEAVY WEIGHT)	BY DOOR SUPPLIER		OT
1	LOCKING PULL	INSFL3301FHU 05	US32D	RO
1	CYLINDER	TO MATCH EXISTING BY OWNER		OT
1	ELECTRIC STRIKE	INSFL-1600 AC-RECTIFIER ES-SMARTPACIII	US32D	RO
1	CONC OVERHEAD STOP	1-X36	689	RF
1	DOOR OPERATOR	SW200I		BM
1	GASKETING	BY DOOR SUPPLIER		OT
2	ACTUATOR COLUMN SWITCH	CM-7536/4		CM
1	KEYPAD	BY SECURITY CONTRACTOR		OT
1	POWER SUPPLY W/UPS	BY SECURITY CONTRACTOR		OT
1	DOOR POSITION SWITCH	BY SECURITY CONTRACTOR		SU
1	REX MOTION SENSOR	BY SECURITY CONTRACTOR		SU

NOTE - VERIFY HARDWARE COMPATIBILITY WITH DOOR SUPPLIER.

END OF SECTION 087100

SECTION 9755

CONCRETE POLISHING SYSTEM

PART 1 GENERAL

1.01 SUMMARY

A. Work in this section applies to polishing concrete floor surfaces to a desired finish with the incorporation of concrete densifier(s).

B. Related Work:
1. Section Cast in Place Concrete
2. Section Concrete Hardening/Sealing

1.02 SUBMITTALS

A. Submittal Package: Prior to commencement of work submit all product data sheets and M.S.D.S.

B. Samples: Prior to commencement of work provide finish samples for the Owner's review. See 1.06 Mock-Up.

C. Contract Closeout Submittals: Provide 2 copies of the recommended cleaning and maintenance instructions for the installed floor system to the Owner's Representative.

1.03 QUALITY ASSURANCE

Installer Qualifications: Armor rock Certified Installers "Only" installers must have completed level 4 certificate: Contractor shall furnish documentation regarding the successful completion of at least 10 projects of similar magnitude and complexity.

A. Single Source Responsibility: All required materials and installation personnel to be provided by the same company.

C. The system manufacturer shall certify applicator.

1.04 DELIVERY, STORAGE AND HANDLING OF PRODUCT

A. Delivered materials to the site shall be in factory sealed containers, clearly labeled and marked with manufacturer's name, address, batch number, and date of manufacture. Material Safety Data Sheets must accompany materials upon arrival.

B. Store materials in accordance with manufacturer's printed instructions. Furthermore, materials to be used in conjunction with the application of this system shall be stored indoors, protected from damage and maintained at a temperature no lower than 55 degrees.

1.05 CONCRETE MIX DESIGN

A. Concrete Mixture shall be 4000 PSI or higher, non air entrained.

   a. Any admixtures, plasticizers, slag, fly ash or anything taking the place of Portland-based cement shall be kept to a minimum.
   b. The cement shall be Portland Cement Type 1, conforming to ASTM C 150.
   c. Maintain concrete temperature below 85 degrees. Keep concrete as cool and moist for as long as possible. In essence, decrease rate of hydration and drying to minimize cracking.
   d. Wet cures are most suitable, but if this cannot be achieved, use a dissipating cure and seal. Do not use a densifier/hardner material due to the grinding of the floor after 6 days.
   e. All mix designs must be approved by Architect. Send all approved mix designs to Applicator.
   f. Use on source for cement, aggregates and pozzolans throughout the job. Monitor and control incoming material consistency. Do not use calcium chloride-based admixtures. Non-chloride admixtures may be used.
   g. Wash out all drums before loading. Keep slumps consistent with a maximum of 4. Minimize driver added water maintaining a .45 water content ratio.
   h. Place concrete to achieve as true and smooth a top surface as possible. Mounds, or dips are not acceptable. GC shall control overall flatness and levelness, including on sloping areas to within tolerances permitted by specification – ASTM E1155.
   i. Slab shall be protected from indention and footprints during pour and curing.

1.06 PROJECT/SITE CONDITIONS

A. Floor areas to be polished are to be free and clear of all obstacles including racking, fixtures and temporary equipment and materials in order to provide an open and uninhibited concrete slab.

B. Protection: General Contractor shall protect areas to receive concrete finish at all times during construction to prevent oils, dirt, metal, excessive water and other potentially damaging materials from affecting the finished concrete surface. Protection measures listed below shall begin immediately after the concrete slab is poured.

   a. All hydraulic powered equipment shall be diapered to avoid staining of the concrete.
   b. All vehicle parking shall be prohibited on the finish slab area. If necessary to complete their scope of work, drop cloths shall be placed under vehicles at all times.
   c. No pipe cutting machine shall be used on the finish floor slab.
   d. Steel shall not be placed on the finish slab to avoid rusting.
   e. Acids and acidic detergents will not come in contact with slab.
   f. All painters will use drop cloths on the concrete. If paint gets on the concrete, it must be immediately removed.
   g. All trades will be informed that the slab must be protected at all times.

C. A minimum of 28 days of cure on new concrete should be provided before system installation is initiated.

D. The best degree of concrete floor flatness and levelness should be strived for since the floor finish may enhance imperfections such as high and low spots resulting from placement and finishing. A minimum floor flatness rating of 35 and a minimum floor levelness of 30 is recommended on newly placed concrete.

E. Block off areas to traffic for the duration of the system's installation.

F. Ensure that adequate lighting has been installed to support surface preparation and application.

1.07 MOCK-UP

A. Install a completed 10'x 10' sample of the proposed system at location determined by the Owner's Representative - additional fees will apply for installing mockup. If approved the mock-up may be incorporated into the work.

B. To reduce mockup fees and on-site mockup can be conducted on the date that the work is to commence and then be reviewed by owner for approval.

1.08 WARRANTY

A. The installer shall furnish a SINGLE SOURCE warranty for their system for a period of one year minimum.

PART 2 PRODUCTS / SYSTEM

2.01 SYSTEM MANUFACTURER / PROVIDER

A. System: Armor Rock "Armor Polish 7940" System (High gloss)

B. Products: Armor Rock "Rock Hard 7940" and Armor Rock "Rock Hard Plus" "Stain Guard"

C. Substitutions: No substitutions allowed for system or materials.
D. Only Armor Rock approved installers are authorized to install the system
E. Contact: Paul Normore @ 1-866-820-4542

PART 3 EXECUTION

3.01 EXAMINATION

A. Verification of Conditions: Examine surfaces scheduled to receive the work of this section for defects that will adversely affect the execution and quality of the work. Do not proceed until unsatisfactory conditions are corrected. Provide in writing to Owner a list of the conditions.

B. New Concrete: Confirm that a minimum of 28 days has elapsed before installation can begin. Also confirm if curing agents or hardening agents have been applied.

3.02 APPLICATION

A. Prepare the concrete surface by grinding the floor surface using #1 diamonds. (Depending on the concrete pour - two passes may be needed to expose the aggregate.)

B. Optional – Customer needs to determine: Mechanically clean and fill all major joints, as needed using Armor Rock 830 Fast Set "clear" Flexible Epoxy Joint Sealant.

C. Start the grinding process using #2 diamonds to open up the pores in the concrete and reveal small imperfections.

D. Power vacuum the entire surface to remove all contaminants.

E. Apply Armor Rock "Rock Hard - 7936" Lithium Based Concrete Densifier to the floor surface and allow to saturate the concrete for 30 to 40 minutes, while keeping the concrete wet. This product hardens, protects and fortifies the concrete.

F. Remove the excess or standing liquids that have not penetrated the concrete.

G. Resume the grinding process using #3 diamonds to start closing up the pores in the concrete.

H. Complete the grinding process using #4 diamonds closing up the pores in the concrete.

I. Start the polishing process using a #5 & #6 diamond combination to remove light scratches.

J. Resume the polishing process using #7 diamonds to help increase light reflection and achieve a low gloss sheen.

K. Apply Armor Rock "Rock Hard Plus – "Blast 7940" to the concrete surface, allowing to cure for 20 minutes. This product will enhance the overall performance of the floor system.

L. Resume the polishing process with #7 diamonds to achieve a medium gloss sheen. – Level 400 (Low Gloss)

3.03 CLEANUP

A. Dispose of used materials in accordance with local regulations. Concrete dust collected from the installation of the system shall be the responsibility of the originator of the work.

3.04 PROTECTION

A. Advise all other contractors, vendors and others working in the areas completed that the concrete slab surface is the finished floor and is to be protected accordingly.

B. Do not allow chemical spills, cutting of materials or sliding of steel to occur on the finished surface because damage can occur.

C. Follow system manufacturer's instruction for cleaning to ensure proper protection from dirt and debris.

3.05 INSPECTION

A. Request acceptance by Owner's Representative for the finished floor.

B. Correct all unacceptable work to the satisfaction of the Owner's Representative.

END OF SECTION

INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

UNIVERSITY OF TORONTO SCARBOROUGH

DRAWING LIST

- M0.1 - DRAWING LIST, KEY PLAN, SYMBOLS AND LEGENDS
- M1.1 - HVAC DEMOLITION PLAN AC213 PLAN
- M1.2 - FIRE PROTECTION DEMOLITION AC213 PLAN
- M1.3 - FIRE PROTECTION EXISTING SECOND FLOOR PLAN
- M2.1 - AC213 PROPOSED HVAC PLAN
- M3.1 - AC213 PROPOSED FIRE PROTECTION PLAN

LINE TYPE LEGEND

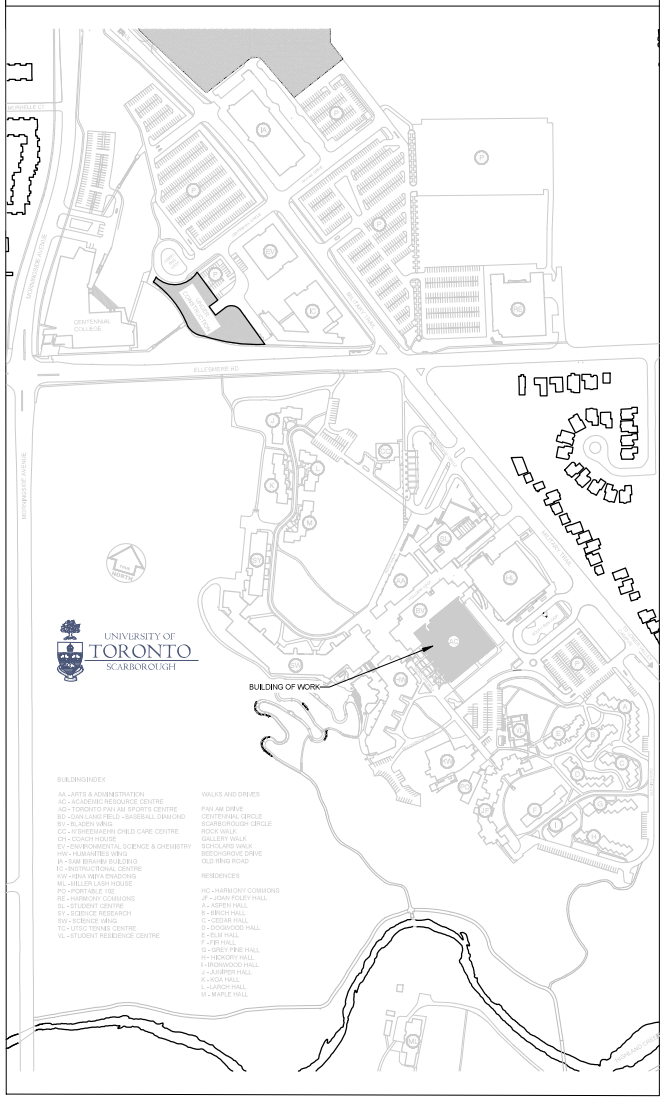
————————	EXISTING TO REMAIN
- - - - - - - - - -	HIDDEN
– – – – – – – – – –	TO BE REMOVED

02 / M0.1 **LINE TYPE LEGEND**
N.T.S.

PLUMBING LEGEND					
	ELBOWS	VENT	SANITARY WASTE VENT		DUCTED RETURN OR EXHAUST REGISTER OR GRILLE
	TEE	ST	STEAM		SQUARE OR RECTANGULAR SUPPLY DIFFUSER
	BRANCH OFF BOTTOM OF MAIN.	COND	CONDENSATE		NON DUCTED ROUND RETURN OR EXHAUST GRILLE
	BRANCH OFF TOP OF MAIN.	FD	FLOOR DRAIN	S.F.	SUPPLY FAN
	PIPE DROP OR FROM BELOW	BFP-XX	BACK FLOW PREVENTOR	E.F.	EXHAUST FAN
	PIPE UP OR FROM ABOVE			F/D	FIRE DAMPER
	CAPPED CONNECTION		SINK	R.F.	RETURN FAN
C/W	COMPLETE WITH	PIAB	PIAB VACUUM	DN	DOWN
	CONTROL VALVE		**HVAC LEGEND**	C.T.E.	CONNECT TO EXISTING
	GATE VALVE		SUPPLY DUCT UP OR FROM ABOVE	T	THERMOSTAT
	BALL VALVE		SUPPLY DUCT DOWN OR FROM BELOW		VENTURI VALVE
	THERMOSTATIC MIXING VALVE		RETURN OR EXHAUST DUCT UP OR FROM ABOVE	H	HUMIDITY SENSOR
TW	TEMPERED WATER		RETURN OR EXHAUST DUCT DOWN OR FROM BELOW		THERMOSTAT CONTROL LINE
NPCW	NON POTABLE COLD WATER		REHEAT COIL IN DUCT	A 300	FOR SUPPLY AIR GRILLES: "A" DENOTES TYPE, 300 DENOTES AIR QUANTITY IN CFM
NPHW	NON POTABLE HOT WATER		ELECTRIC REHEAT COIL IN DUCT		
CWS	CHILLED WATER SUPPLY		ROUND DUCT UP OR FROM ABOVE	A 300	FOR RETURN AIR GRILLES: "A" DENOTES TYPE, 300 DENOTES AIR QUANTITY IN CFM
CWR	CHILLED WATER RETURN		ROUND DUCT DOWN OR FROM BELOW		
GLCS	GLYCOL CHILLED SUPPLY		DUAL DUCT TERMINAL UNIT	A 300	FOR SUPPLY AIR DIFFUSERS: "A" DENOTES TYPE, 300 DENOTES AIR QUANTITY IN CFM
GLCR	GLYCOL CHILLED RETURN		HOT DUCT		
DCW	DOMESTIC COLD WATER		COLD DUCT		**FIRE PROTECTION LEGEND**
DHW	DOMESTIC HOT WATER		V.A.V. BOX		PENDANT SPRINKLER HEAD
GAS	NATURAL GAS		V.A.V. BOX WITH SOUND ATTENUATOR		CONCEALED PENDANT SPRINKLER HEAD
AIR	COMPRESSED AIR		DUCT FIRE WRAP		SIDEWALL SPRINKLER HEAD
RO	REVERSE OSMOSIS		VARIABLE FREQUENCY DRIVE		CONCEALED SIDEWALL SPRINKLER HEAD
LABW	LABORATORY WASTE DRAIN		DUCTED SUPPLY REGISTER	SP	SPRINKLER LINE
LABW	UNDERGROUND LAB WASTE DRAIN		DUCTED RETURN OR EXHAUST REGISTER OR GRILLE	NOTE: NOT ALL SYMBOLS APPLY. CONTRACTOR TO REFER TO FLOOR PLANS.	
			ROUND SUPPLY DIFFUSER		

01 / M0.1 **MECHANICAL LEGEND**
N.T.S.

UNIVERSITY OF TORONTO SCARBOROUGH KEY PLAN



UNIVERSITY OF TORONTO SCARBOROUGH
DESIGN + CONSTRUCTION + MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

NO.	DATE	REVISION NO	BY
01	2025-06-10	ISSUED FOR PERMIT & TENDER	CD/JC

Notes:

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

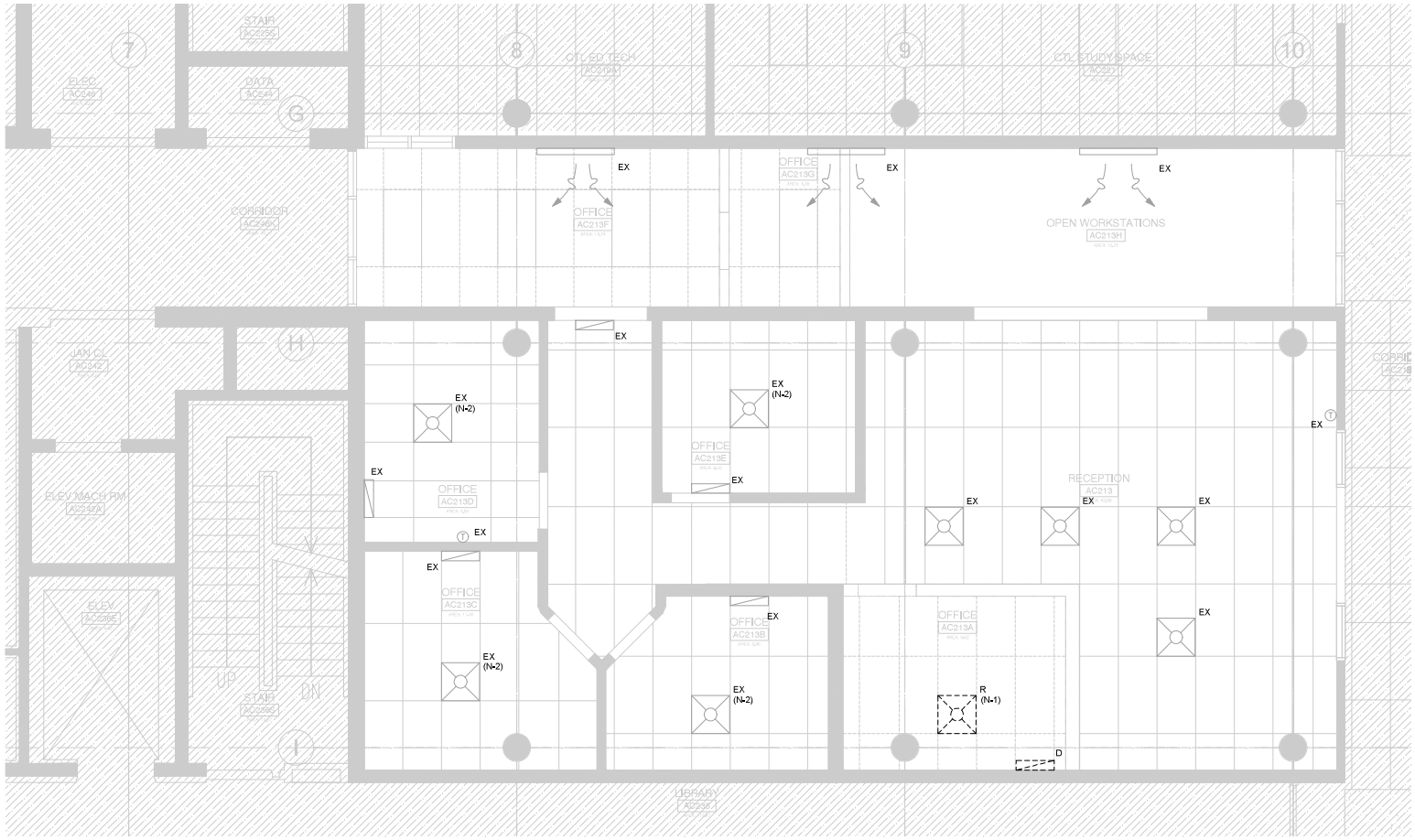
PROJECT #: DCM2025-04

PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE
ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: CD
CHECKED BY: JC

DRAWING TITLE:
DRAWING LIST, KEY PLAN, SYMBOLS AND LEGENDS

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: M0.1



01 M1.1 AC213 EXISTING FLOOR PLAN

1:50

DRAWING NOTES:

1. ALL EXISTING MECHANICAL SERVICES ARE SHOWN IN THEIR APPROXIMATE/BEST ESTIMATED LOCATION. EXACT LOCATION AND CONDITION OF THE SERVICES AND EQUIPMENT TO BE VERIFIED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITION TO THE UNIVERSITY PRIOR TO THE COMMENCEMENT OF WORK.

2. ALL WORK MUST BE PERFORMED WITH MINIMAL DISTURBANCES TO THE OPERATION OF THE FACILITY. COORDINATE WITH THE UNIVERSITY TO SCHEDULE WORK. CONTRACTOR TO ALLOW FOR AFTER-HOURS WORK AS REQUIRED FOR SHUTDOWNS TO SERVICES.

3. CONTRACTOR TO COORDINATE WITH THE UNIVERSITY AND TAKE INTO CONSIDERATION ANY DESIGNATED SUBSTANCE MATERIAL ABATEMENT REQUIREMENTS PRIOR AND DURING PROJECT CONSTRUCTION.

4. CONTRACTOR TO COORDINATE EXACT LOCATION OF EXISTING DUCTS AND PIPES AND COORDINATE WITH OTHER SERVICES TO AVOID CONFLICT WITH EXISTING MECHANICAL, ELECTRICAL, AND LIFE SAFETY SERVICES (HVAC, PIPING, LIGHTING FIXTURES, PIPE HANGERS, ETC.). INFORM THE UNIVERSITY OF ANY RELOCATION OR DOWNTIME OF EXISTING SERVICES PRIOR TO WORK.

DEMOLITION NOTES:

(N-1) REMOVE AND STORE EXISTING SQUARE PLAQUE DIFFUSER AND FLEX DUCT. REFER TO M2.1 FOR NEW DIFFUSER LOCATION.

(N-2) REMOVE AND DISPOSE OF EXISTING FLEX DUCTING TO DIFFUSER. NEW FLEX DUCT TO BE INSTALLED AS PER DRAWING M2.1.

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #
DCM2025-04

PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: CD
CHECKED BY: JC

DRAWING TITLE
PLUMBING DEMOLITION AC213 PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: M1.1

01 M1.2 AC213 EXISTING REFLECTED CEILING PLAN

1:50

DRAWING NOTES:

1. ALL EXISTING MECHANICAL SERVICES ARE SHOWN IN THEIR APPROXIMATE/BEST ESTIMATED LOCATION. EXACT LOCATION AND CONDITION OF THE SERVICES AND EQUIPMENT TO BE VERIFIED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITION TO THE UNIVERSITY PRIOR TO THE COMMENCEMENT OF WORK.
2. ALL WORK MUST BE PERFORMED WITH MINIMAL DISTURBANCES TO THE OPERATION OF THE FACILITY. COORDINATE WITH THE UNIVERSITY TO SCHEDULE WORK. CONTRACTOR TO ALLOW FOR AFTER-HOURS WORK AS REQUIRED FOR SHUTDOWNS TO SERVICES.
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4. CONTRACTOR TO COORDINATE EXACT LOCATION OF EXISTING DUCTS AND PIPES AND COORDINATE WITH OTHER SERVICES TO AVOID CONFLICT WITH EXISTING MECHANICAL, ELECTRICAL, AND LIFE SAFETY SERVICES (HVAC, PIPING, LIGHTING FIXTURES, PIPE HANGERS, ETC.). INFORM THE UNIVERSITY OF ANY RELOCATION OR DOWNTIME OF EXISTING SERVICES PRIOR TO WORK.
5. SUPPLY AND INSTALL INDICATED SPRINKLER HEADS AND PIPING, CONNECT TO EXISTING SERVICES. ALLOW 3 DAYS NOTICE FOR TIE-IN TO EXISTING SYSTEM.
6. SPRINKLER LAYOUT IS SHOWN DIAGRAMMATICALLY TO INDICATE SPRINKLER COVERAGE AND GENERAL AREAS TO BE SPRINKLERED ONLY. SPRINKLER CONTRACTOR TO PROVIDE LETTER TO ENGINEER CONFIRMING ADEQUATE SPRINKLER COVERAGE AFTER SPRINKLER REMOVAL.
7. THIS IS A PERFORMANCE SPECIFICATION ONLY. PREPARE SPRINKLER SHOP DRAWINGS STAMPED BY PROFESSIONAL ENGINEER FOR SUBMISSION TO ENGINEER, UNDERWRITERS AND BUILDING DEPARTMENT FOR APPROVAL PRIOR TO INSTALLATION.
8. INSTALLATION TO BE AS PER LATEST NFPA 13 REQUIREMENTS
9. THE CONTRACTOR TO PROVIDE SITE INVESTIGATION TO DETERMINE LOCATION OF MAINS AND EXISTING SPRINKLER HEADS.

NEW WORK NOTES:

(N-1) EXISTING SPRINKLER HEADS AND PIPING FOR ACT CEILING TO BE REMOVED BACK TO MAIN.

(N-2) REMOVE EXISTING SPRINKLER HEAD TO ALLOW FOR INSTALLATION OF NEW CEILING. REFER TO M3.1 FOR NEW SPRINKLER HEAD LOCATION.

(N-3) COORDINATE REPAIR OF BLOCK WALL WITH GENERAL CONTRACTOR.

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PROJECT #:
DCM2025-04

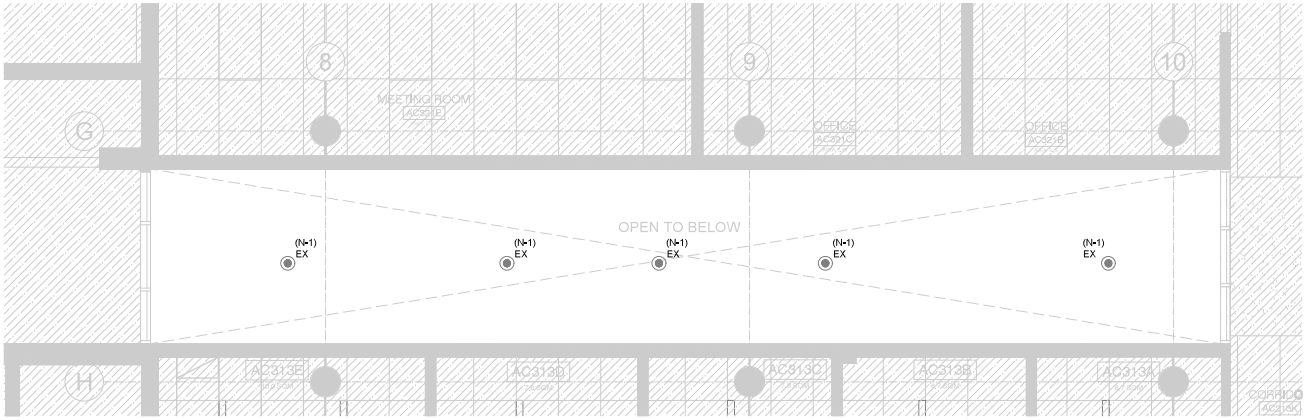
PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: CD
CHECKED BY: JC

DRAWING TITLE:
FIRE PROTECTION DEMOLITION AC213 PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: M1.2



01 M1.3 **EXISTING PARTIAL 3RD FLOOR REFLECTED CEILING PLAN**
1:50

DRAWING NOTES:

1. ALL EXISTING MECHANICAL SERVICES ARE SHOWN IN THEIR APPROXIMATE/BEST ESTIMATED LOCATION. EXACT LOCATION AND CONDITION OF THE SERVICES AND EQUIPMENT TO BE VERIFIED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITION TO THE UNIVERSITY PRIOR TO THE COMMENCEMENT OF WORK.
2. ALL WORK MUST BE PERFORMED WITH MINIMAL DISTURBANCES TO THE OPERATION OF THE FACILITY. COORDINATE WITH THE UNIVERSITY TO SCHEDULE WORK. CONTRACTOR TO ALLOW FOR AFTER-HOURS WORK AS REQUIRED FOR SHUTDOWNS TO SERVICES.
3. CONTRACTOR TO COORDINATE WITH THE UNIVERSITY AND TAKE INTO CONSIDERATION ANY DESIGNATED SUBSTANCE MATERIAL ABATEMENT REQUIREMENTS PRIOR AND DURING PROJECT CONSTRUCTION.
4. CONTRACTOR TO COORDINATE EXACT LOCATION OF EXISTING DUCTS AND PIPES AND COORDINATE WITH OTHER SERVICES TO AVOID CONFLICT WITH EXISTING MECHANICAL, ELECTRICAL, AND LIFE SAFETY SERVICES (HVAC, PIPING, LIGHTING FIXTURES, PIPE HANGERS, ETC.). INFORM THE UNIVERSITY OF ANY RELOCATION OR DOWNTIME OF EXISTING SERVICES PRIOR TO WORK.
5. SUPPLY AND INSTALL INDICATED SPRINKLER HEADS AND PIPING. CONNECT TO EXISTING SERVICES. ALLOW 3 DAYS NOTICE FOR TIE-IN TO EXISTING SYSTEM.
6. SPRINKLER LAYOUT IS SHOWN DIAGRAMMATICALLY TO INDICATE SPRINKLER COVERAGE AND GENERAL AREAS TO BE SPRINKLERED ONLY. SPRINKLER CONTRACTOR TO PROVIDE LETTER TO ENGINEER CONFIRMING ADEQUATE SPRINKLER COVERAGE AFTER SPRINKLER REMOVAL.
7. THIS IS A PERFORMANCE SPECIFICATION ONLY. PREPARE SPRINKLER SHOP DRAWINGS STAMPED BY PROFESSIONAL ENGINEER FOR SUBMISSION TO ENGINEER, UNDERWRITERS AND BUILDING DEPARTMENT FOR APPROVAL PRIOR TO INSTALLATION.
8. INSTALLATION TO BE AS PER LATEST NFPA 13 REQUIREMENTS
9. THE CONTRACTOR TO PROVIDE SITE INVESTIGATION TO DETERMINE LOCATION OF MAINS AND EXISTING SPRINKLER HEADS.

NEW WORK NOTES:

(N-1) EXISTING PENDANT SPRINKLER HEAD AT HIGH LEVEL.

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PROJECT #:
DCM2025-04

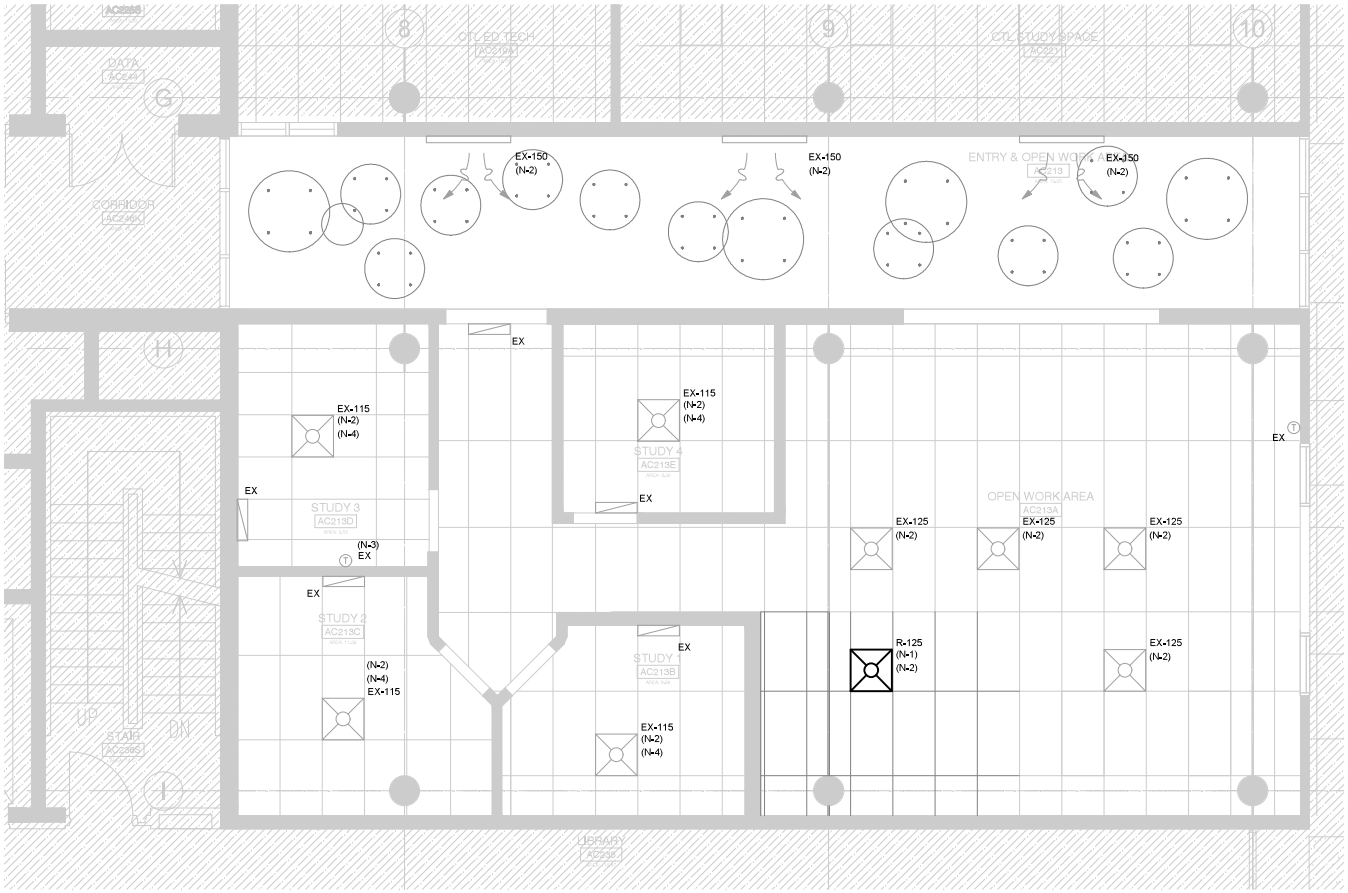
PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

DRAWN BY: CD
CHECKED BY: JC

DRAWING TITLE:
FIRE PROTECTION EXISTING PARTIAL SECOND FLOOR PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: M1.3



01 M2.1 AC213 PROPOSED FLOOR PLAN

1:50

DRAWING NOTES:

1. ALL EXISTING MECHANICAL SERVICES ARE SHOWN IN THEIR APPROXIMATE/BEST ESTIMATED LOCATION. EXACT LOCATION AND CONDITION OF THE SERVICES AND EQUIPMENT TO BE VERIFIED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITION TO THE UNIVERSITY PRIOR TO THE COMMENCEMENT OF WORK.

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5. SUPPLY AND INSTALL INDICATED SUPPLY AND EXHAUST DUCTS AS PER UNIVERSITY SPECIFICATIONS. CONNECT TO EXISTING SERVICES AND ASSOCIATED EXHAUST FANS. ALLOW 3 DAYS NOTICE FOR SHUTDOWN OF ASSOCIATED AIR HANDLING UNIT.

6. ENTIRE PROPOSED HVAC SYSTEM IS TO BE BALANCED BY A CERTIFIED TESTING ADJUSTING AND BALANCING CONTRACTOR:
   i) FLOW DIRECTION - MAMOON ALSWAITI (MAMOONS@FLOWDIRECTION.CA/647-629-0605)
   ii) COMPLETE SYSTEMS BALANCING - TREVOR KELLY (TREVORK@CSBALANCING.COM/705-760-0390)
   A REPORT IS TO BE PROVIDED TO THE OWNER VERIFYING THE PERFORMANCE.

NEW WORK NOTES:

(N-1) RE-INSTATE EXISTING SQUARE PLAQUE DIFFUSER C/W 8"Ø FLEX DUCT TO EXISTING DUCT CONNECTION.

(N-2) RE-BALANCE AIRFLOWS TO THE VALUES (IN CFM) AS SHOWN - TYPICAL FOR ALL.

(N-3) PROVIDE NEW COVER FOR EXISTING SIEMENS THERMASTAT.

SEPARATE PRICE #02

(N-4) PROVIDE NEW 8"Ø ACOUSTIC LINED FLEX DUCT EQUAL TO THERMAFLEX M-KE OR APPROVED EQUAL (APPROXIMATELY 10FT) FROM EXISTING DUCT CONNECTION TO EXISTING DIFFUSER.

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PROJECT #:
DCM2025-04

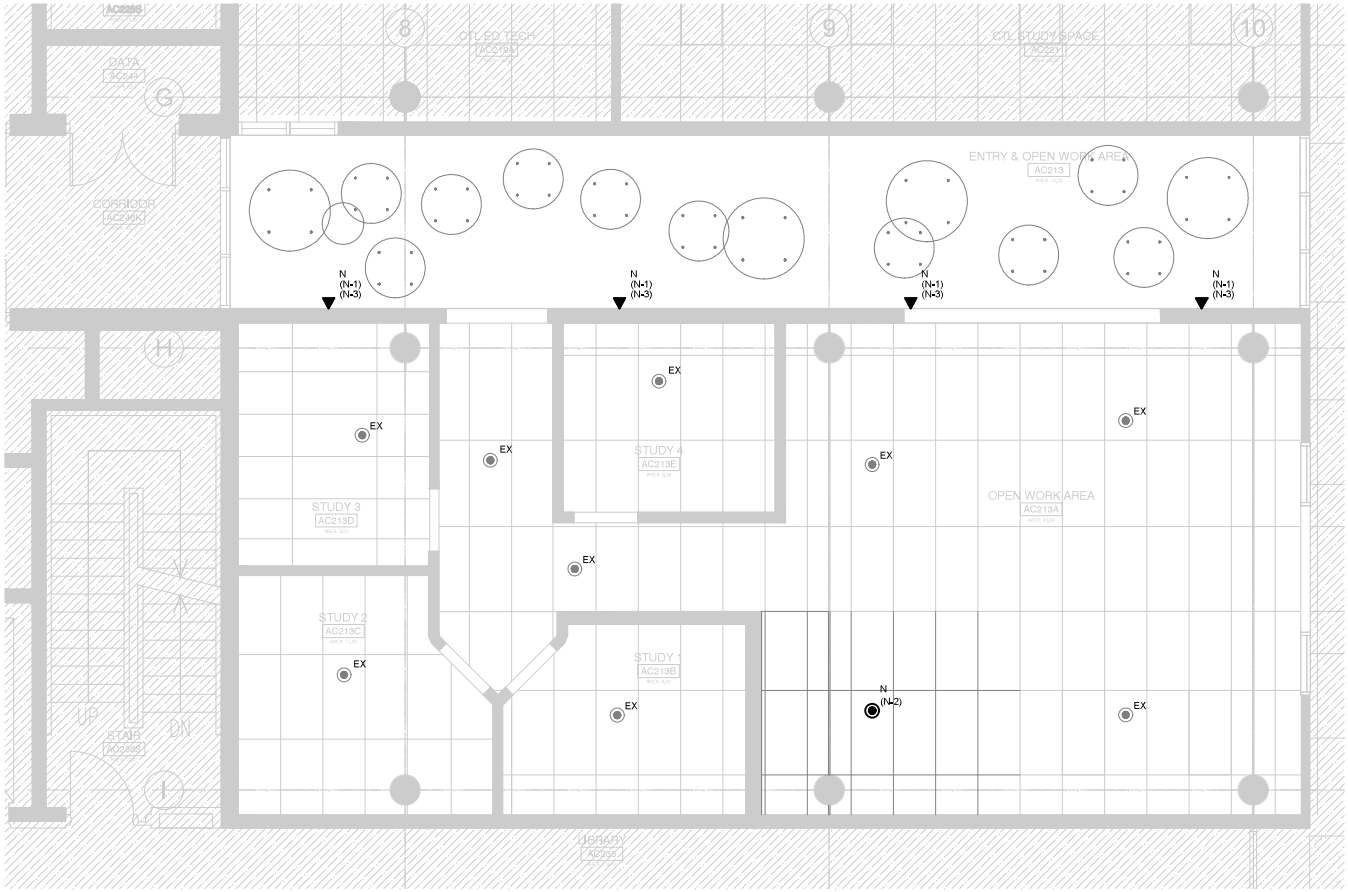
PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: CD
CHECKED BY: JC

DRAWING TITLE:
AC213 PROPOSED HVAC PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: M2.1



01 A2.2 AC213 PROPOSED REFLECTED CEILING PLAN

1:50

DRAWING NOTES:

1. ALL EXISTING MECHANICAL SERVICES ARE SHOWN IN THEIR APPROXIMATE/BEST ESTIMATED LOCATION. EXACT LOCATION AND CONDITION OF THE SERVICES AND EQUIPMENT TO BE VERIFIED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITION TO THE UNIVERSITY PRIOR TO THE COMMENCEMENT OF WORK.
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5. ALL PROPOSED CORES ARE TO BE COMPLETE WITH FIRE STOPPING. 3M PLASTIC PIPE DEVICE OR 3M WATER TIGHT FIRE BARRIER SEALANT.
6. MECHANICAL CONTRACTOR TO PROVIDE CONNECTION POINTS TO/FROM WORK BY OTHERS.
7. CONTRACTOR SHALL MAKE GOOD INSULATION DAMAGED DURING CONSTRUCTION AND INSULATE ALL EXISTING EXPOSED PIPING (REQUIRING INSULATION) WITHIN PROJECT BOUNDARIES.
8. SPRINKLER LAYOUT IS SHOWN DIAGRAMMATICALLY TO INDICATE SPRINKLER COVERAGE AND GENERAL AREAS TO BE SPRINKLERED ONLY.
9. THIS IS A PERFORMANCE SPECIFICATION ONLY. PREPARE SPRINKLER SHOP DRAWINGS STAMPED BY PROFESSIONAL ENGINEER FOR SUBMISSION TO ENGINEER AND BUILDING DEPARTMENT FOR APPROVAL PRIOR TO INSTALLATION.
10. INSTALLATION TO BE AS PER LATEST NFPA 13 REQUIREMENTS.
11. ALLOW FOR REMOVAL AND RE-INSTALLATION OF ACOUSTIC CEILING TILES AS REQUIRED.
12. CONTRACTOR TO COORDINATE DRAIN AND FILL OF SPRINKLER SYSTEM WITH UTSC PROJECT MANAGER.

NEW WORK NOTES:

(N-1) PROVIDE SCAN AND CORE.

(N-2) PROVIDE NEW SPRINKLER HEAD IN PROPOSED ACT CEILING. REVISE PIPING AS REQUIRED AND CONNECT TO EXISTING SPRINKLER LINE.

(N-3) PROVIDE NEW SIDEWALL SPRINKLER HEAD. RUN NEW SPRINKLER PIPING ABOVE ACOUSTIC CEILING TILES TO SUPPLY SPRINKLER HEADS. ALLOW FOR CORING. ELEVATION OF SIDEWALL SPRINKLERS TO BE LOCATED BELOW FLOATING CEILING - COORDINATE WITH ARCHITECTURAL SET.

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #:
DCM2025-04

PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

DRAWN BY: CD
CHECKED BY: JC

DRAWING TITLE:
AC213 PROPOSED FIRE PROTECTION PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO: M3.1

INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

UNIVERSITY OF TORONTO SCARBOROUGH

FIRE ALARM LEGEND

ALARM INITIATING DEVICES	
	CEILING MOUNTED PHOTO–ELECTRIC SMOKE DETECTOR.
	WALL MOUNTED PHOTO–ELECTRIC SMOKE DETECTOR.
m	DUCT TYPE PHOTO–ELECTRIC SMOKE DETECTOR.
CO	COMBINATION CARBON DIOXIDE,CARBON MONOXIDE, AND SMOKE DETECTOR
BDTX	BEAM DETECTOR TRANSMITTER.
BDRX	BEAM DETECTOR RECEIVER.
	MANUAL PULL STATION
2	DOUBLE THROW FIRE ALARM PULLSTATION
HD	CEILING MOUNTED RATE–OF–RISE HEAT DETECTOR.
HD	CEILING MOUNTED FIXED TEMPRATURE HEAT DETECTOR.
SUPERVISORY INITIATING DEVICES	
LP	SUPERVISORY LOW PRESSURE SWITCH. TAMPER SWITCH TO ANNUNCIATE TROUBLE WITH OUT EFFECTING THE INTEGRITY OF THE SUPERVISORY SWITCH.
SV	SPRINKLER SUPERVISED VALVE. TAMPER SWITCH TO ANNUNCIATE TROUBLE WITH OUT EFFECTING THE INTEGRITY OF THE SUPERVISORY SWITCH.
HI	INDICATES SMOKE DAMPER, TO BE USED IN CONJUNCTION WITH THE MONITORING DEVICE FOR POSITION ANNUNCIATION AND CONTROL DEVICE.
ANCILLARY DEVICES	
	WALL MOUNTED DOOR HOLDER
	FLOOR MOUNTED DOOR HOLDER
FIRE	'FIRE' DO NOT ENTER SIGN
VDT	VIDEO DISPLAY TERMINAL
	MAIN FIRE ALARM CONTROL PANEL.
	FIRE ALARM ANNUNCIATOR PANEL.
	END OF LINE DEVICE.
SIGNALING DEVICES	
	WALL MOUNTED BELL (4", 6", OR 10") USE 4" UNLESS INDICATED OTHERWISE
	WALL MOUNTED HORN, CENTRE TAP SET ON SITE TO MEET OBC 2006
	WALL MOUNTED SPEAKER, CENTRE TAP SET ON SITE TO MEET OBC 2006
	CEILING MOUNTED SPEAKER, CENTRE TAP SET ON SITE TO MEET OBC 2006
	CEILING MOUNTED STROBE LIGHT, CANDELA VALUE SPECIFIED CAN/ULC–S526–06
	WALL MOUNTED STROBE LIGHT, CANDELA VALUE SPECIFIED CAN/ULC–S526–06
	WALL MOUNTED HORN/STROBE, CENTRE TAP SET ON SITE TO MEET OBC 2006
	WALL MOUNTED SPEAKER/STROBE, CENTRE TAP SET ON SITE TO MEET OBC 2006
	CEILING MOUNTED SPEAKER/STROBE, CENTRE TAP SET ON SITE TO MEET OBC 2006

NOTE: NOT ALL SYMBOLS APPLY. CONTRACTOR TO REFER TO FLOOR PLANS.

LIGHTING LEGEND

	EXISTING CEILING MOUNTED LUMINAIRE TO REMAIN
'X'	NEW CEILING MOUNTED LUMINAIRE OR IN RELOCATED POSITION
	EMERGENCY CEILING MOUNTED LUMINAIRE ON EMERGENCY POWER
	EXISTING CEILING MOUNTED LUMINAIRE TO BE REMOVED
	NEW WALL MOUNTED LUMINAIRE
	TRACK LIGHT C/W NUMBER OF FIXTURES AND/OR PENDANTS AS SHOWN
'X'	CEILING MOUNTED LUMINAIRE
'X'	WALL SCONCE
	LIGHT STANDARD – NUMBER OF HEADS AS SHOWN
$	SINGLE POLE 120V LIGHT SWITCH
$	GANGED LIGHT SWITCHES UNDER A SINGLE COVERPLATE
$3 $4	3 WAY OR 4 WAY LINE VOLTAGE LIGHT SWITCH AS SHOWN
$LV	LOW VOLTAGE LIGHT SWITCH
$K	LOW VOLTAGE KEYED LIGHT SWITCH
$D	DIMMER TYPE TO SUIT LOAD
OS	CEILING MOUNTED OCCUPANCY SENSOR
OS 'X'	WALL SWITCH OCCUPANCY SENSOR (WALL MOUNTED) 'X'=IR(INFRARED),US(ULTRA SONIC),DT(DUAL TECHNOLOGY)
	WALL MOUNTED EMERGENCY SINGLE OR DOUBLE HEAD AS SHOWN
	CEILING MOUNTED EMERGENCY SINGLE OR DOUBLE HEAD AS SHOWN
	RECESSED CEILING MOUNTED REMOTE SINGLE HEAD EMERGENCY LIGHT.
B	EMERGENCY LIGHTING BATTERY UNIT
B	EMERGENCY LIGHTING BATTERY UNIT C/W NUMBER OF HEADS SHOWN
EXIT	EXIT LIGHT CEILING MOUNTED C/W FACES AND ARROWS AS INDICATED
EXIT	EXIT LIGHT WALL MOUNTED C/W FACES AND ARROWS AS INDICATED

FIXTURE SCHEDULE

'A'	AXIS BEAM 4 RECESSED T–BAR BBRLED–750–90–35–FL–347–DP–TB9 LENGTH AS SHOWN ON DRAWINGS
'B'	AXIS BEAM 2 PENDANT TB2DLED–750–90–35–SO–347–DP LENGTH AS SHOWN ON DRAWINGS
'C'	LUMENWERX ARQ GLOBE ACOUSTIX PENDANT ARQGLACOP–24IN–D–6IN–SW–90CRI–35K–347V–15W–D1–LENSAN–FTMW–WPC

NOTE: NOT ALL SYMBOLS APPLY. CONTRACTOR TO REFER TO FLOOR PLANS.

POWER LEGEND

	WALL MOUNTED DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R
	WALL MOUNTED QUAD RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R
	WALL MOUNTED DUPLEX RECEPTACLE 120 VOLT, 20 AMP CSA 5–20R
	FLUSH SURFACE MOUNTED QUAD RECEPTACLE 120 VOLT, 20 AMP, CSA 5–20R
	CEILING MOUNTED DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R
	FLOOR MOUNTED DUPLEX RECEPTACLE 120V, 15 AMP, CSA 5–15R
	WALL MOUNTED DUPLEX GROUND FAULT RECEPTACLE 120 VOLT, 15 AMP CSA 5–15R
	WALL MOUNTED DUPLEX GROUND FAULT RECEPTACLE 120 VOLT, 20 AMP CSA 5–20R
–D/–V	FLOOR MOUNTED COMBINATION POWER/COMMUNICATION RECEPTACLE
–D/–V	FLOOR POKE THROUGH COMBINATION POWER/COMMUNICATION RECEPTACLE
	ELECTRICAL RACEWAY C/W NUMBER OF RECEPTACLES AS SHOWN
	FLUSH SURFACE MOUNTED SINGLE RECEPTACLE, TYPE AS SPECIFIED
	FLUSH MOUNTED SINGLE TUB PANEL(RATING AS NOTED ON PANEL SCHEDULE)
	SURFACE MOUNTED SINGLE TUB PANEL(RATING AS NOTED ON PANEL SCHEDULE)
MC	METERING CABINET, 1200x1200x300mm
	SINGLE PHASE DIRECT CONNECTION
	SINGLE PHASE DIRECT CONNECTION C/W DISCONNECT
	THREE PHASE DIRECT CONNECTION
	THREE PHASE DIRECT CONNECTION C/W DISCONNECT
–V/–A	DISCONNECT
	COMBINATION MANUAL STARTER WITH INTERGAL DISCONNECT
	COMBINATION STARTER WITH INTEGRAL DISCONNECT
	TRANSFORMER (SIZE NOTED ON DRAWING)
	GROUND BAR
JB	JUNCTION BOX (SIZE SPECIFIED ON DRAWING)
	CLOCK WALL MOUNTED
	PUSH BUTTON
ADO	AUTOMATIC DOOR OPENER
USB	USB OUTLET
'X'	DENOTES: 'E' EXISTING TO REMAIN 'RR' REMOVE AND RELOCATE 'R' REMOVE 'WP' WEATHER PROOF

NOTE: NOT ALL SYMBOLS APPLY. CONTRACTOR TO REFER TO FLOOR PLANS.

SECURITY LEGEND

ML	MAGNETIC LOCK
ES	ELECTRIC STRIKE
DC	DOOR ALARM CONTACT
CR	CARD READER
IC	INTERCOM
REX	REQUEST TO EXIT MOTION
MS	MOTION SENSOR
	WALL MOUNTED SECURITY MOTION SENSOR
	CEILING MOUNTED SECURITY 360ø MOTION SENSOR
'X'	'PTZ' – Pan Tilt Zoom 'CCTV' – Closed Circuit TV DENOTES: 'IPCAM' – Network Cam
BG	BREAK GLASS SENSOR CEILING
BG	BREAK GLASS SENSOR WALL
	PANIC BUTTON, TO BE FIXED WITHIN MILLWORK
K	SECURITY KEY PAD
	CODE BLUE – AREA OF ASSISTANCE PANEL
	SUITE SECURITY PANEL
DS	ELECTRIC LOCKSET 'TYPICAL' AS PER DOOR SCHEDULE
	ELECTRIC STRIKE 'TYPICAL' AS PER DOOR SCHEDULE

COMMUNICATIONS LEGEND

–D	WALL MOUNTED DATA NETWORKING OUTLET
–D	FLOOR MOUNTED DATA NETWORKING OUTLET
–D	CEILING MOUNTED DATA NETWORKING OUTLET
–V	WALL MOUNTED VOICE OUTLET
–V	FLOOR MOUNTED VOICE OUTLET
–V	CEILING MOUNTED VOICE OUTLET
–D/–V	WALL MOUNTED DATA & VOICE OUTLET
	ONE WIREMOLD MOUNTED COMMUNICATIONS OUTLET. CABLE TYPE AS PER SPECIFICATION.
	VGA CABLE OUTLET
	COAXIAL CATV OUTLET
	HDMI CABLE OUTLET
	NETWORK SWITCH BY 'OWNER'
AP	WIRELESS ACCESS POINT (PROVIDE TWO DATA DROPS IN CEILING SPACE)
PB	PULL BOX (SIZE SPECIFIED ON DRAWING)
–J–J–J–J–	MAIN CABLE SUPPORT ROUTE FOR COMMUNICATIONS CABLING
	CABLE TRAY

NOTE: NOT ALL SYMBOLS APPLY. CONTRACTOR TO REFER TO FLOOR PLANS.

UNIVERSITY OF TORONTO SCARBOROUGH

DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

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Notes:

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #:
DCM2025-04

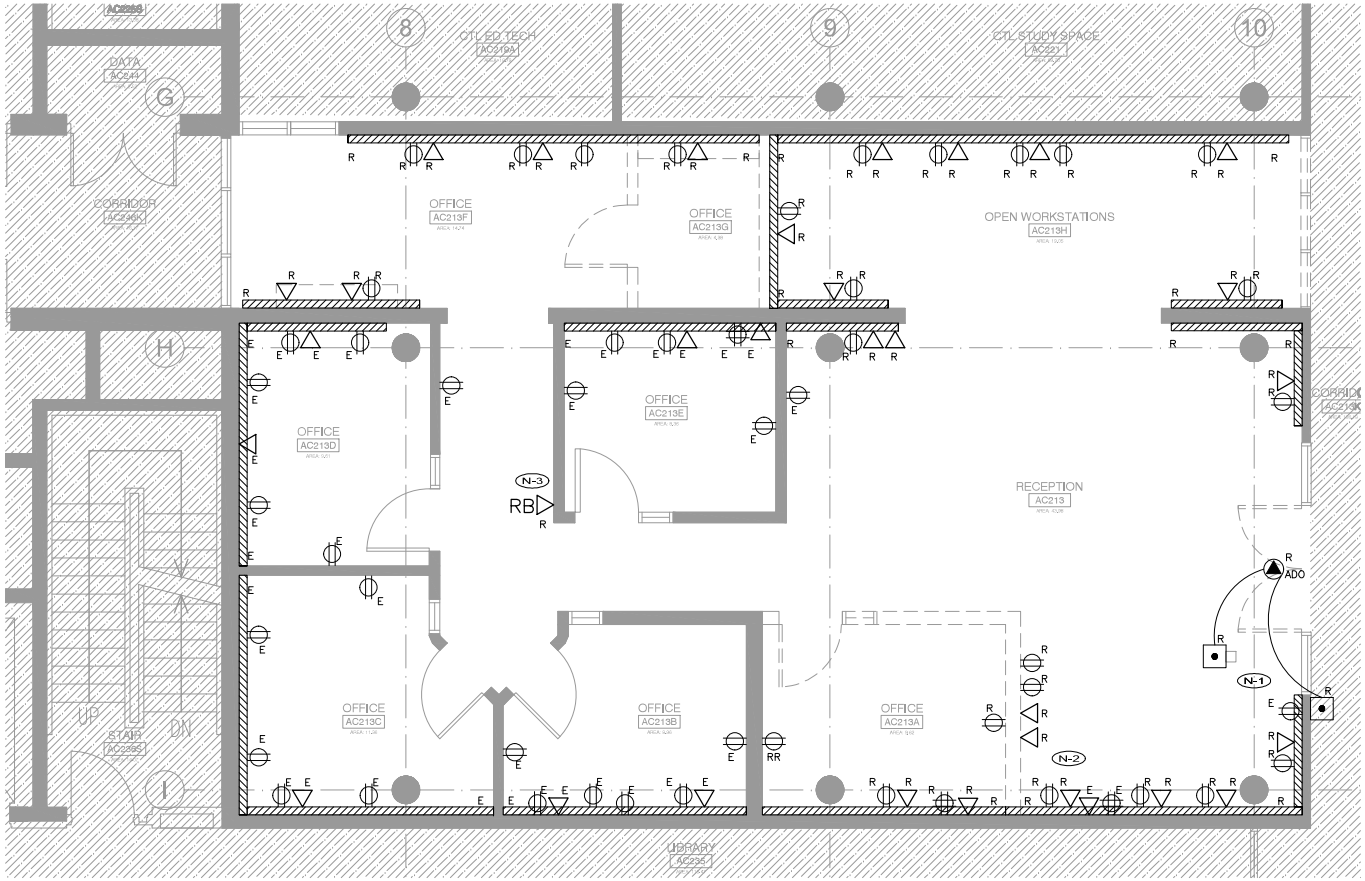
PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: SE
CHECKED BY: HY

DRAWING TITLE:
ELECTRICAL LEGEND & FIXTURE SCHEDULE

DATE: 2025-06-10
DRAWING NO: E0.1
SCALE: AS NOTED



DRAWING NOTES:

N-1 EXISTING ADO ACTUATORS TO BE REMOVED CAREFULLY AND RETURNED TO UTSC PM.

N-2 EXISTING MONITOR AND BRACKETS TO BE REMOVED CAREFULLY AND RETURNED TO UTSC PM.

N-3 EXISTING ROOM BOOKING TO BE REMOVED CAREFULLY AND RETURNED TO USERS.

GENERAL NOTES:

1. FOLLOW ALL HEALTH AND SAFETY PROCEDURES AS MANDATED BY UNIVERSITY OF TORONTO EHS DEPARTMENT WHILE WORKING ON SITE (I.E CONFINED SPACES, FALL PROTECTION, PORTABLE LADDERS, ETC) REFER TO http://www.ehs.utoronto.ca/resources/manindex.htm FOR ADDITIONAL INFORMATION.
2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILS, FINISHES AND COLOURS
3. REMOVE ALL EXISTING LIGHTING FIXTURES, ELECTRICAL DEVICES, WIRING AND EQUIPMENT TO SUIT NEW CONSTRUCTION. CUT BACK AND CAP CONDUITS AND ELECTRICAL OUTLETS NOT BEING USED, SO THAT FINISHED WORK PRESENTS A NEAT AND CLEAN APPEARANCE. DISCONNECT AT POINT OF ELECTRICAL SUPPLY, REMOVE OBSOLETE WIRING AND CONDUITS, AND MAKE EXISTING SYSTEM SAFE. BLANK OFF OPENINGS IN PANELS OR BOXES FROM REMOVED CONDUITS OR DUCTS.
4. ALL BALLASTS ARE TO BE REMOVED FROM THE FIXTURE PRIOR TO DISPOSAL AND BE CHECKED FOR PCB CONTAINING MATERIALS.
5. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION AND DISMANTLING OF ALL EXISTING FLUORESCENT LIGHTING CONTAINING PCB BALLASTS. THE ELECTRICAL CONTRACTOR SHALL PUT THE PCB BALLASTS IN THE DEDICATED BIN IN SW200P.
6. AS PART OF DEMOLITION CONTRACT, THE ELECTRICAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL LIGHTING, SWITCHES AND ASSOCIATED WIRING NOT REQUIRED BACK TO ELECTRICAL PANEL. VISIT SITE TO DETERMINE THE EXACT REQUIREMENTS AND REFER TO DEMOLITION DRAWINGS.
7. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR LIGHT LOCATIONS IN REFERENCE TO THE PROPOSED DUCTING AS SHOWN ON MECHANICAL DRAWINGS.
8. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM LIGHTING PANEL FOR ALL LIGHTING FIXTURES ON NORMAL POWER, ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM EMERGENCY PANEL FOR ALL LIGHTING FIXTURES ON EMERGENCY POWER
9. ALL EMERGENCY LOADS TO BE FED FROM EMERGENCY PANEL, AND ALL NORMAL LOADS TO BE FED FROM NORMAL PANEL.
10. AS PART OF THE DEMOLITION CONTRACT, THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL FLOOR, COLUMN, CEILING, ISLAND AND WALL MOUNTED POWER, TELEPHONE/DATA OUTLETS, CABLING AND CONDUIT NOT REQUIRED, TO SUIT THE NEW LAYOUT AND MAKE SAFE. THE ELECTRICAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL COMMUNICATIONS/FIRE ALARM AND SECURITY DEVICES, CABLING AND CONDUIT NOT REQUIRED AND MAKE SAFE. REMOVE ASSOCIATED WIRING BACK TO THE ELECTRICAL PANEL OR IT RACK. VISIT SITE TO DETERMINE THE EXACT REQUIREMENTS.
11. ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE SHALL REMAIN LIVE AND OPERATIONAL. ELECTRICAL CONTRACTOR TO ENSURE SERVICES TO THESE AREAS ARE ISOLATED AND PROTECTED DURING THE COURSE OF DEMOLITION AND CONSTRUCTION.
12. ELECTRICAL CONTRACTOR SHALL MAINTAIN AND RELOCATE EXISTING SERVICES WHICH PASS THROUGH THE AREA OF RENOVATION OR DEMOLITION, BUT FEEDS ITEMS LOCATED OUTSIDE OF THESE AREAS. REWIRE DEVICES TO ORIGINAL CIRCUITS.
13. PROVIDE JUNCTION BOXES, OUTLET BOXES, WIRING, PLATES AND OTHER ITEMS NECESSARY FOR COMPLETE RELOCATION OF DEVICES, FIXTURES AND EQUIPMENT.
14. CONNECTIONS TO EXISTING SYSTEMS TO BE MADE AT APPROVED TIMES. OBTAIN WRITTEN APPROVAL RECORDING TIMES WHEN CONNECTIONS CAN BE MADE. ARRANGE WORK SO THAT PHYSICAL ACCESS TO EXISTING BUILDINGS IS NOT UNDULY INTERRUPTED. REQUEST FOR SHUT-DOWNS TO BE SUBMITTED IN WRITING BY THE CONTRACTOR WITH A MINIMUM OF TWO-WEEK NOTICE.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED TO EXISTING SYSTEMS WHEN MAKING CONNECTIONS.
16. ALL ELECTRICAL CONDUITS THROUGH WALLS MUST BE COMPLETELY SEALED TO ELIMINATE THEIR POTENTIAL USE AS ROUTES FOR VERMIN OR AEROSOLS.
17. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE WITH SHOP DRAWINGS. PRIOR TO INSTALLATION.
18. ELECTRICAL CONTRACTOR TO REVISE AND UPDATE PANELBOARD SCHEDULES AFFECTED BY WORK.
19. WHERE CONDUITS PASS THROUGH FIRE RATED WALLS OR FLOOR, PROVIDE LISTED FIRE STOPPING MATERIAL WHICH BEARS LABEL OF CSA AND ULC AND MAINTAIN SAME FIRE RATING AS THAT OF THE PENETRATED BUILDING COMPONENT.
20. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND EXAMINING ALL CONDITIONS AFFECTING THE PROPOSED INSTALLATION. NO CONSIDERATION WILL BE GIVEN FOR EXTRA COSTS ARISING FROM FAILURE TO VISIT SITE.
21. USE FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTOR OR VIBRATING EQUIPMENT IN DRY AREAS. CONNECTION TO RECESSED LIGHTING FIXTURES WITHOUT A PREWIRED OUTLET BOX, CONNECTION TO SURFACE OR RECESSED LIGHTING FIXTURES AND WORK IN MOVABLE METAL PARTITIONS.
22. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTORS OR VIBRATING EQUIPMENT IN DAMP, WET OR CORROSIVE LOCATIONS. USE ONLY LIQUID TIGHT FITTINGS WHEN USING LIQUID TIGHT FLEXIBLE METAL CONDUIT. LIQUID TIGHT FLEXIBLE CONDUIT TO HAVE A JACKET WITH AN FT6 RATING WHEN USED IN PLENUMS OTHERWISE PROVIDE A MINIMUM FT4 RATING.
23. ELECTRICAL CONTRACTOR TO RE-INSTALL EXISTING ITEM IN ROOM. COORDINATE EXACT REQUIREMENTS WITH UTSC PROJECT MANAGER AND MECHANICAL DESIGNER.
24. REUSE CIRCUITS THAT BECOME AVAILABLE AS A RESULT OF DEMOLITION.
25. THE SECURITY SYSTEM INSTALLED MUST MATCH THE EXISTING BUILDING SYSTEM. SUPPLY AND INSTALL HONEYWELL SECURITY DEVICES THAT ARE POE (POWER OVER ETHERNET). ALL POE DEVICES RUN BACK TO IT ROOM. PROVIDE PLENUM RATED CABLES TO RUN THROUGH THE CABLE TRAY. FOR ANY OWNER APPROVED NOT POE DEVICES, RUN CABLES BACK TO MAIN SECURITY PANEL. CONDUIT TO BE INSTALLED FROM DEVICE TO CABLE TRAY.
26. ALL FIRE ALARM CIRCUITS TO RUN BACK TO THE SIEMENS PANEL.
27. EXISTING FIRE ALARM EVAC SPEAKER IN RELOCATED POSITION TO BE RECONNECTED TO EXISTING SIGNAL CIRCUIT. MODIFY EXISTING CONDUIT & WIRE AS REQUIRED TO SUIT RELOCATED POSITION
28. FIRE DEPARTMENT SHALL BE NOTIFIED PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM AND NOTIFIED AGAIN WHEN THE SYSTEM IS RETURNED TO NORMAL OPERATION. TO BE COORDINATED WITH DCM PROJECT MANAGER 5 DAYS PRIOR TO SHUT DOWN.
29. ELECTRICAL CONTRACTOR TO ALLOW FOR FIRE ALARM PANEL SUPERVISION DURING TIME OF FIRE ALARM BYPASS DURING INSTALLATION.
30. ALL FIRE DETECTION DEVICES TO BE SUPPLIED AND VERIFIED BY SIEMENS CANADA LTD. BUILDING TECHNOLOGIES DIVISION CONTACT GERRY THIBEAULT MOBILE: 416-617-3786 gerry.thibeault@siemens.com.

ABATEMENT NOTES (SECTION REQUIRED BY ASBESTOS REMOVAL OR SIMILAR SUBSTANCE):
31. ALL MATERIALS IDENTIFIED AS ASBESTOS CONTAINING MATERIAL (ACM) TO BE REMOVED. REMOVAL OF ACM TO BE CARRIED OUT IN CONFORMANCE WITH THE MINISTRY OF LABOUR'S PROCEDURES AS DESCRIBED IN THE ONTARIO REGULATION 278/05 DESIGNATED SUBSTANCE - ASBESTOS ON CONSTRUCTION PROJECTS AND IN BUILDINGS AND REPAIR OPERATIONS, SERVING AS PART OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND UNIVERSITY OF TORONTO PROCEDURES.
32. ABATEMENT CONTRACTOR TO ENSURE ALL TYPE II REMOVAL PROCEDURES ARE ADHERED TO INCLUDING BUT NOT LIMITED TO THE FOLLOWING;
33. GENERAL CONTRACTOR, ABATEMENT SUBCONTRACTOR TO COORDINATE ABATEMENT PLAN AND PROCEDURES WITH UNIVERSITY OF TORONTO, DESIGN AND CONSTRUCTION MANAGEMENT PROJECT MANAGER AND UNIVERSITY OF TORONTO ENVIRONMENTAL HEALTH AND SAFETY OFFICER MINIMUM 5 DAYS IN ADVANCE OF WORK TO OCCUR.
34. GENERAL CONTRACTOR, ABATEMENT SUBCONTRACTOR TO COORDINATE HVAC SHUT DOWN WITH UNIVERSITY OF TORONTO, DESIGN AND CONSTRUCTION MANAGEMENT PROJECT MANAGER MINIMUM 5 DAYS IN ADVANCE OF WORK TO OCCUR.
35. ABATEMENT REMOVAL TO OCCUR FROM 10:00 PM-6:00 AM, MONDAY - FRIDAY. SITE PREPARATION CAN OCCUR DURING REGULAR WORKING HOURS.
36. AREA OF REMOVAL TO BE FULLY TENTED AND UNDER NEGATIVE PRESSURE BY MEANS OF EXHAUST FAN COMPLETE WITH HEPA FILTER.
37. PROPER ABATEMENT NOTIFICATION TO BE POSTED IN VISIBLE AREAS OF AREA OF WORK.
38. THE CONSTRUCTOR IS REQUIRED TO MEET WITH UNIVERSITY OF TORONTO PROJECT MANAGER AND ENVIRONMENTAL HEALTH AND SAFETY OFFICER PRE-ABATEMENT SITE MEETING TO COORDINATE SITE SPECIFIC ABATEMENT CONTAINMENT STRATEGIES AND PROCEDURE.
39. FOR FURTHER INFORMATION REFER TO:
https://ehs.utoronto.ca/our-services/occupational-hygiene-safety/asbestos-management-program/

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PROJECT #
DCM2025-04

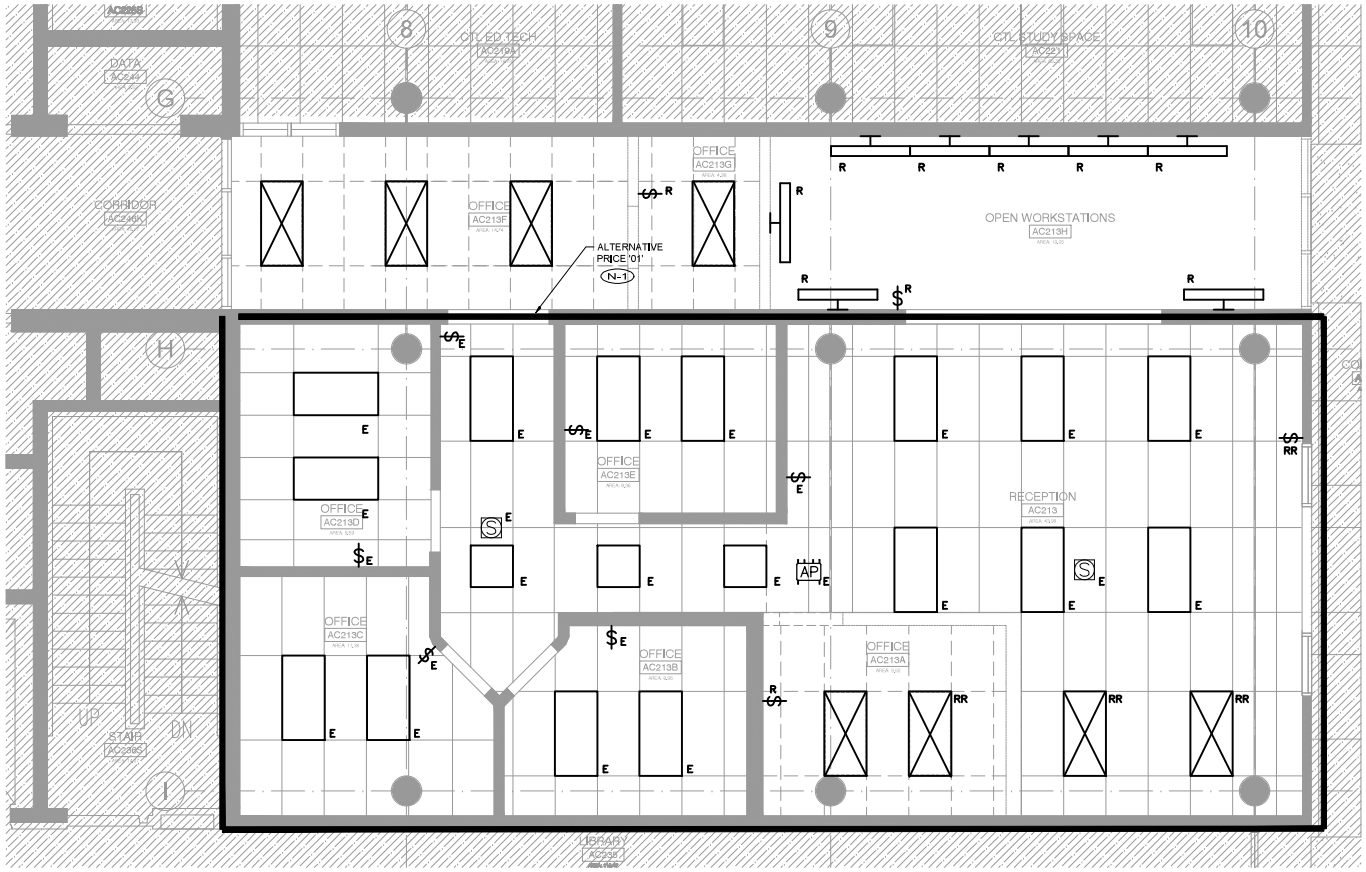
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: SE
CHECKED BY: HY

DRAWING TITLE
2ND FLOOR- EXISITNG FLOOR PLAN

DATE: 2025-06-10
DRAWING No: E1.1
SCALE: AS NOTED



DRAWING NOTES:

N-1 ALTERNATIVE PRICE 01: FOR 1- REMOVAL OF EXISTING LIGHT FIXTURES AND SIX (6) EXISTING LIGHT SWITCHES. 2- INSTALLATION OF NEW LIGHT FIXTURES (TYPE 'A') , NEW SIX (6) LIGHT DIMMER SWITCHES AND ONE (1) LIGHT 3-WAY SWITCH. 3- PROVISION OF ONE (1) 20A/1P BREAKER IN EXISTING LIGHTING EMERGENCY PANEL 'EE' (LOCATED IN ELECTRICAL ROOM AC246) C/W WIRING AND CONDUIT AS REQUIRED TO FEED THE EMERGENCY LIGHT FIXTURES SHOWN. 4- REMOVAL AND RE-INSTALLATION OF EXISTING WAP. 5- REMOVAL AND RE-INSTALLATION OF FIRE ALARM SPEAKERS AND PROVIDE VERIFICATION REPORT. 6- ALLOCATE FOR NEW 0-10V WIRING TO THE LIGHT SWITCH LOCATIONS. THE NEW LIGHT DIMMER SWITCHES TO BE LUTRON DIVA CONTROLS (CAT.# DVTV) C/W STAINLESS STEEL (SS) COVER PLATE. PROVIDE POWER PACKS (CAT.# PP-347H) AND ALL NECESSARY EQUIPMENT, INCLUDING BUT NOT LIMITED TO ELCU-200, TO ENSURE A FULLY OPERATIONAL AND CODE-COMPLIANT SYSTEM.

01 E1.2 **AC213 EXISTING REFLECTED CEILING PLAN**
1:50

GENERAL NOTES:

1. FOLLOW ALL HEALTH AND SAFETY PROCEDURES AS MANDATED BY UNIVERSITY OF TORONTO EHS DEPARTMENT WHILE WORKING ON SITE (I.E CONFINED SPACES, FALL PROTECTION, PORTABLE LADDERS, ETC) REFER TO http://www.ehs.utoronto.ca/resources/manindex.htm FOR ADDITIONAL INFORMATION.
2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILS, FINISHES AND COLOURS
3. REMOVE ALL EXISTING LIGHTING FIXTURES, ELECTRICAL DEVICES, WIRING AND EQUIPMENT TO SUIT NEW CONSTRUCTION. CUT BACK AND CAP CONDUITS AND ELECTRICAL OUTLETS NOT BEING USED, SO THAT FINISHED WORK PRESENTS A NEAT AND CLEAN APPEARANCE. DISCONNECT AT POINT OF ELECTRICAL SUPPLY, REMOVE OBSOLETE WIRING AND CONDUITS, AND MAKE EXISTING SYSTEM SAFE. BLANK OFF OPENINGS IN PANELS OR BOXES FROM REMOVED CONDUITS OR DUCTS.
4. ALL BALLASTS ARE TO BE REMOVED FROM THE FIXTURE PRIOR TO DISPOSAL AND BE CHECKED FOR PCB CONTAINING MATERIALS.
5. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION AND DISMANTLING OF ALL EXISTING FLUORESCENT LIGHTING CONTAINING PCB BALLASTS. THE ELECTRICAL CONTRACTOR SHALL PUT THE PCB BALLASTS IN THE DEDICATED BIN IN SW200P.
6. AS PART OF DEMOLITION CONTRACT, THE ELECTRICAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL LIGHTING, SWITCHES AND ASSOCIATED WIRING NOT REQUIRED BACK TO ELECTRICAL PANEL. VISIT SITE TO DETERMINE THE EXACT REQUIREMENTS AND REFER TO DEMOLITION DRAWINGS.
7. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR LIGHT LOCATIONS IN REFERENCE TO THE PROPOSED DUCTING AS SHOWN ON MECHANICAL DRAWINGS.
8. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM LIGHTING PANEL FOR ALL LIGHTING FIXTURES ON NORMAL POWER. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM EMERGENCY PANEL FOR ALL LIGHTING FIXTURES ON EMERGENCY POWER
9. ALL EMERGENCY LOADS TO BE FED FROM EMERGENCY PANEL, AND ALL NORMAL LOADS TO BE FED FROM NORMAL PANEL.
10. AS PART OF THE DEMOLITION CONTRACT, THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL FLOOR, COLUMN, CEILING, ISLAND AND WALL MOUNTED POWER, TELEPHONE/DATA OUTLETS, CABLING AND CONDUIT NOT REQUIRED, TO SUIT THE NEW LAYOUT AND MAKE SAFE. THE ELECTRICAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL COMMUNICATIONS/FIRE ALARM AND SECURITY DEVICES, CABLING AND CONDUIT NOT REQUIRED AND MAKE SAFE. REMOVE ASSOCIATED WIRING BACK TO THE ELECTRICAL PANEL OR IT RACK. VISIT SITE TO DETERMINE THE EXACT REQUIREMENTS.
11. ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE SHALL REMAIN LIVE AND OPERATIONAL. ELECTRICAL CONTRACTOR TO ENSURE SERVICES TO THESE AREAS ARE ISOLATED AND PROTECTED DURING THE COURSE OF DEMOLITION AND CONSTRUCTION.
12. ELECTRICAL CONTRACTOR SHALL MAINTAIN AND RELOCATE EXISTING SERVICES WHICH PASS THROUGH THE AREA OF RENOVATION OR DEMOLITION, BUT FEEDS ITEMS LOCATED OUTSIDE OF THESE AREAS. REWIRE DEVICES TO ORIGINAL CIRCUITS.
13. PROVIDE JUNCTION BOXES, OUTLET BOXES, WIRING, PLATES AND OTHER ITEMS NECESSARY FOR COMPLETE RELOCATION OF DEVICES, FIXTURES AND EQUIPMENT.
14. CONNECTIONS TO EXISTING SYSTEMS TO BE MADE AT APPROVED TIMES. OBTAIN WRITTEN APPROVAL RECORDING TIMES WHEN CONNECTIONS CAN BE MADE. ARRANGE WORK SO THAT PHYSICAL ACCESS TO EXISTING BUILDINGS IS NOT UNDULY INTERRUPTED. REQUEST FOR SHUT-DOWNS TO BE SUBMITTED IN WRITING BY THE CONTRACTOR WITH A MINIMUM OF TWO-WEEK NOTICE.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED TO EXISTING SYSTEMS WHEN MAKING CONNECTIONS.
16. ALL ELECTRICAL CONDUITS THROUGH WALLS MUST BE COMPLETELY SEALED TO ELIMINATE THEIR POTENTIAL USE AS ROUTES FOR VERMIN OR AEROSOLS.
17. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE WITH SHOP DRAWINGS, PRIOR TO INSTALLATION.
18. ELECTRICAL CONTRACTOR TO REVISE AND UPDATE PANELBOARD SCHEDULES AFFECTED BY WORK.
19. WHERE CONDUITS PASS THROUGH FIRE RATED WALLS OR FLOOR, PROVIDE LISTED FIRE STOPPING MATERIAL WHICH BEARS LABEL OF CSA AND ULC AND MAINTAIN SAME FIRE RATING AS THAT OF THE PENETRATED BUILDING COMPONENT.
20. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND EXAMINING ALL CONDITIONS AFFECTING THE PROPOSED INSTALLATION. NO CONSIDERATION WILL BE GIVEN FOR EXTRA COSTS ARISING FROM FAILURE TO VISIT SITE.
21. USE FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTOR OR VIBRATING EQUIPMENT IN DRY AREAS. CONNECTION TO RECESSED LIGHTING FIXTURES WITHOUT A PREWIRED OUTLET BOX, CONNECTION TO SURFACE OR RECESSED LIGHTING FIXTURES AND WORK IN MOVABLE METAL PARTITIONS.
22. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTORS OR VIBRATING EQUIPMENT IN DAMP, WET OR CORROSIVE LOCATIONS. USE ONLY LIQUID TIGHT FITTINGS WHEN USING LIQUID TIGHT FLEXIBLE METAL CONDUIT. LIQUID TIGHT FLEXIBLE CONDUIT TO HAVE A JACKET WITH AN FT6 RATING WHEN USED IN PLENUMS OTHERWISE PROVIDE A MINIMUM FT4 RATING.
23. ELECTRICAL CONTRACTOR TO RE-INSTALL EXISTING ITEM IN ROOM. COORDINATE EXACT REQUIREMENTS WITH UTSC PROJECT MANAGER AND MECHANICAL DESIGNER.
24. REUSE CIRCUITS THAT BECOME AVAILABLE AS A RESULT OF DEMOLITION.
25. THE SECURITY SYSTEM INSTALLED MUST MATCH THE EXISTING BUILDING SYSTEM. SUPPLY AND INSTALL HONEYWELL SECURITY DEVICES THAT ARE POE (POWER OVER ETHERNET). ALL POE DEVICES RUN BACK TO IT ROOM. PROVIDE PLENUM RATED CABLES TO RUN THROUGH THE CABLE TRAY. FOR ANY OWNER APPROVED NOT POE DEVICES, RUN CABLES BACK TO MAIN SECURITY PANEL. CONDUIT TO BE INSTALLED FROM DEVICE TO CABLE TRAY.
26. ALL FIRE ALARM CIRCUITS TO RUN BACK TO THE SIEMENS PANEL.
27. EXISTING FIRE ALARM EVAC SPEAKER IN RELOCATED POSITION TO BE RECONNECTED TO EXISTING SIGNAL CIRCUIT. MODIFY EXISTING CONDUIT & WIRE AS REQUIRED TO SUIT RELOCATED POSITION
28. FIRE DEPARTMENT SHALL BE NOTIFIED PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM AND NOTIFIED AGAIN WHEN THE SYSTEM IS RETURNED TO NORMAL OPERATION. TO BE COORDINATED WITH DCM PROJECT MANAGER 5 DAYS PRIOR TO SHUT DOWN.
29. ELECTRICAL CONTRACTOR TO ALLOW FOR FIRE ALARM PANEL SUPERVISION DURING TIME OF FIRE ALARM BYPASS DURING INSTALLATION.
30. ALL FIRE DETECTION DEVICES TO BE SUPPLIED AND VERIFIED BY SIEMENS CANADA LTD. BUILDING TECHNOLOGIES DIVISION CONTACT GERRY THIBEAULT MOBILE: 416-617-3786 gerry.thibeault@siemens.com.

ABATEMENT NOTES (SECTION REQUIRED BY ASBESTOS REMOVAL OR SIMILAR SUBSTANCE):

31. ALL MATERIALS IDENTIFIED AS ASBESTOS CONTAINING MATERIAL (ACM) TO BE REMOVED. REMOVAL OF ACM TO BE CARRIED OUT IN CONFORMANCE WITH THE MINISTRY OF LABOUR'S PROCEDURES AS DESCRIBED IN THE ONTARIO REGULATION 278/05 DESIGNATED SUBSTANCE - ASBESTOS ON CONSTRUCTION PROJECTS AND IN BUILDINGS AND REPAIR OPERATIONS, SERVING AS PART OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND UNIVERSITY OF TORONTO PROCEDURES.
32. ABATEMENT CONTRACTOR TO ENSURE ALL TYPE II REMOVAL PROCEDURES ARE ADHERED TO INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
33. GENERAL CONTRACTOR, ABATEMENT SUBCONTRACTOR TO COORDINATE ABATEMENT PLAN AND PROCEDURES WITH UNIVERSITY OF TORONTO, DESIGN AND CONSTRUCTION MANAGEMENT PROJECT MANAGER AND UNIVERSITY OF TORONTO ENVIRONMENTAL HEALTH AND SAFETY OFFICER MINIMUM 5 DAYS IN ADVANCE OF WORK TO OCCUR.
34. GENERAL CONTRACTOR, ABATEMENT SUBCONTRACTOR TO COORDINATE HVAC SHUT DOWN WITH UNIVERSITY OF TORONTO, DESIGN AND CONSTRUCTION MANAGEMENT PROJECT MANAGER MINIMUM 5 DAYS IN ADVANCE OF WORK TO OCCUR.
35. ABATEMENT REMOVAL TO OCCUR FROM 10:00 PM-6:00 AM, MONDAY - FRIDAY. SITE PREPARATION CAN OCCUR DURING REGULAR WORKING HOURS.
36. AREA OF REMOVAL TO BE FULLY TENTED AND UNDER NEGATIVE PRESSURE BY MEANS OF EXHAUST FAN COMPLETE WITH HEPA FILTER.
37. PROPER ABATEMENT NOTIFICATION TO BE POSTED IN VISIBLE AREAS OF AREA OF WORK.
38. THE CONSTRUCTOR IS REQUIRED TO MEET WITH UNIVERSITY OF TORONTO PROJECT MANAGER AND ENVIRONMENTAL HEALTH AND SAFETY OFFICER PRE-ABATEMENT SITE MEETING TO COORDINATE SITE SPECIFIC ABATEMENT CONTAINMENT STRATEGIES AND PROCEDURE.
39. FOR FURTHER INFORMATION REFER TO:
https://ehs.utoronto.ca/our-services/occupational-hygiene-safety/asbestos-management-program/

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #
DCM2025-04

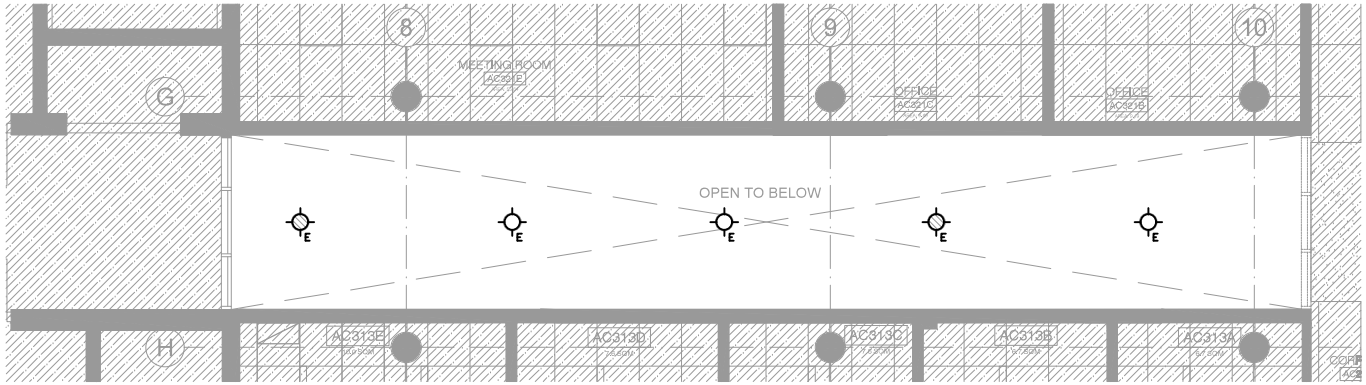
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: SE
CHECKED BY: HY

DRAWING TITLE
2ND FLOOR- EXISTING REFLECTED CEILING PLAN

DATE: 2025-08-10
SCALE: AS NOTED
DRAWING NO: E1.2



DRAWING NOTES:

N-1 EXISTING PENDANT FIXTURES ON 3RD FLOOR CEILING TO REMAIN. NEW LINEAR LIGHTING FIXTURES TO BE INSTALLED AT A LOWER ELEVATION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING HEIGHT AND INSTALLATION DETAILS.

01 / E1.3 **EXISTING PARTIAL 3RD FLOOR REFLECTED CEILING PLAN**
1:50

GENERAL NOTES:

1. FOLLOW ALL HEALTH AND SAFETY PROCEDURES AS MANDATED BY UNIVERSITY OF TORONTO EHS DEPARTMENT WHILE WORKING ON SITE (I.E CONFINED SPACES, FALL PROTECTION, PORTABLE LADDERS, ETC) REFER TO http://www.ehs.utoronto.ca/resources/manindex.htm FOR ADDITIONAL INFORMATION.
2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILS, FINISHES AND COLOURS
3. REMOVE ALL EXISTING LIGHTING FIXTURES, ELECTRICAL DEVICES, WIRING AND EQUIPMENT TO SUIT NEW CONSTRUCTION. CUT BACK AND CAP CONDUITS AND ELECTRICAL OUTLETS NOT BEING USED, SO THAT FINISHED WORK PRESENTS A NEAT AND CLEAN APPEARANCE. DISCONNECT AT POINT OF ELECTRICAL SUPPLY, REMOVE OBSOLETE WIRING AND CONDUITS, AND MAKE EXISTING SYSTEM SAFE. BLANK OFF OPENINGS IN PANELS OR BOXES FROM REMOVED CONDUITS OR DUCTS.
4. ALL BALLASTS ARE TO BE REMOVED FROM THE FIXTURE PRIOR TO DISPOSAL AND BE CHECKED FOR PCB CONTAINING MATERIALS.
5. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEPARATION AND DISMANTLING OF ALL EXISTING FLUORESCENT LIGHTING CONTAINING PCB BALLASTS. THE ELECTRICAL CONTRACTOR SHALL PUT THE PCB BALLASTS IN THE DEDICATED BIN IN SW200P.
6. AS PART OF DEMOLITION CONTRACT, THE ELECTRICAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL LIGHTING, SWITCHES AND ASSOCIATED WIRING NOT REQUIRED BACK TO ELECTRICAL PANEL. VISIT SITE TO DETERMINE THE EXACT REQUIREMENTS AND REFER TO DEMOLITION DRAWINGS.
7. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR LIGHT LOCATIONS IN REFERENCE TO THE PROPOSED DUCTING AS SHOWN ON MECHANICAL DRAWINGS.
8. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM LIGHTING PANEL FOR ALL LIGHTING FIXTURES ON NORMAL POWER. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM EMERGENCY PANEL FOR ALL LIGHTING FIXTURES ON EMERGENCY POWER
9. ALL EMERGENCY LOADS TO BE FED FROM EMERGENCY PANEL, AND ALL NORMAL LOADS TO BE FED FROM NORMAL PANEL.
10. AS PART OF THE DEMOLITION CONTRACT, THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL FLOOR, COLUMN, CEILING, ISLAND AND WALL MOUNTED POWER, TELEPHONE/DATA OUTLETS, CABLING AND CONDUIT NOT REQUIRED, TO SUIT THE NEW LAYOUT AND MAKE SAFE. THE ELECTRICAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL COMMUNICATIONS/FIRE ALARM AND SECURITY DEVICES, CABLING AND CONDUIT NOT REQUIRED AND MAKE SAFE. REMOVE ASSOCIATED WIRING BACK TO THE ELECTRICAL PANEL OR IT RACK. VISIT SITE TO DETERMINE THE EXACT REQUIREMENTS.
11. ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE SHALL REMAIN LIVE AND OPERATIONAL. ELECTRICAL CONTRACTOR TO ENSURE SERVICES TO THESE AREAS ARE ISOLATED AND PROTECTED DURING THE COURSE OF DEMOLITION AND CONSTRUCTION.
12. ELECTRICAL CONTRACTOR SHALL MAINTAIN AND RELOCATE EXISTING SERVICES WHICH PASS THROUGH THE AREA OF RENOVATION OR DEMOLITION, BUT FEEDS ITEMS LOCATED OUTSIDE OF THESE AREAS. REWIRE DEVICES TO ORIGINAL CIRCUITS.
13. PROVIDE JUNCTION BOXES, OUTLET BOXES, WIRING, PLATES AND OTHER ITEMS NECESSARY FOR COMPLETE RELOCATION OF DEVICES, FIXTURES AND EQUIPMENT.
14. CONNECTIONS TO EXISTING SYSTEMS TO BE MADE AT APPROVED TIMES. OBTAIN WRITTEN APPROVAL RECORDING TIMES WHEN CONNECTIONS CAN BE MADE. ARRANGE WORK SO THAT PHYSICAL ACCESS TO EXISTING BUILDINGS IS NOT UNDULY INTERRUPTED. REQUEST FOR SHUT-DOWNS TO BE SUBMITTED IN WRITING BY THE CONTRACTOR WITH A MINIMUM OF TWO-WEEK NOTICE.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED TO EXISTING SYSTEMS WHEN MAKING CONNECTIONS.
16. ALL ELECTRICAL CONDUITS THROUGH WALLS MUST BE COMPLETELY SEALED TO ELIMINATE THEIR POTENTIAL USE AS ROUTES FOR VERMIN OR AEROSOLS.
17. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE WITH SHOP DRAWINGS, PRIOR TO INSTALLATION.
18. ELECTRICAL CONTRACTOR TO REVISE AND UPDATE PANELBOARD SCHEDULES AFFECTED BY WORK.
19. WHERE CONDUITS PASS THROUGH FIRE RATED WALLS OR FLOOR, PROVIDE LISTED FIRE STOPPING MATERIAL WHICH BEARS LABEL OF CSA AND ULC AND MAINTAIN SAME FIRE RATING AS THAT OF THE PENETRATED BUILDING COMPONENT.
20. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND EXAMINING ALL CONDITIONS AFFECTING THE PROPOSED INSTALLATION. NO CONSIDERATION WILL BE GIVEN FOR EXTRA COSTS ARISING FROM FAILURE TO VISIT SITE.
21. USE FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTOR OR VIBRATING EQUIPMENT IN DRY AREAS, CONNECTION TO RECESSED LIGHTING FIXTURES WITHOUT A PREWIRED OUTLET BOX, CONNECTION TO SURFACE OR RECESSED LIGHTING FIXTURES AND WORK IN MOVABLE METAL PARTITIONS.
22. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTORS OR VIBRATING EQUIPMENT IN DAMP, WET OR CORROSIVE LOCATIONS. USE ONLY LIQUID TIGHT FITTINGS WHEN USING LIQUID TIGHT FLEXIBLE METAL CONDUIT. LIQUID TIGHT FLEXIBLE CONDUIT TO HAVE A JACKET WITH AN FT6 RATING WHEN USED IN PLENUMS OTHERWISE PROVIDE A MINIMUM FT4 RATING.
23. ELECTRICAL CONTRACTOR TO RE-INSTALL EXISTING ITEM IN ROOM. COORDINATE EXACT REQUIREMENTS WITH UTSC PROJECT MANAGER AND MECHANICAL DESIGNER.
24. REUSE CIRCUITS THAT BECOME AVAILABLE AS A RESULT OF DEMOLITION.
25. THE SECURITY SYSTEM INSTALLED MUST MATCH THE EXISTING BUILDING SYSTEM. SUPPLY AND INSTALL HONEYWELL SECURITY DEVICES THAT ARE POE (POWER OVER ETHERNET). ALL POE DEVICES RUN BACK TO IT ROOM. PROVIDE PLENUM RATED CABLES TO RUN THROUGH THE CABLE TRAY. FOR ANY OWNER APPROVED NOT POE DEVICES, RUN CABLES BACK TO MAIN SECURITY PANEL. CONDUIT TO BE INSTALLED FROM DEVICE TO CABLE TRAY.
26. ALL FIRE ALARM CIRCUITS TO RUN BACK TO THE SIEMENS PANEL.
27. EXISTING FIRE ALARM EVAC SPEAKER IN RELOCATED POSITION TO BE RECONNECTED TO EXISTING SIGNAL CIRCUIT. MODIFY EXISTING CONDUIT & WIRE AS REQUIRED TO SUIT RELOCATED POSITION
28. FIRE DEPARTMENT SHALL BE NOTIFIED PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM AND NOTIFIED AGAIN WHEN THE SYSTEM IS RETURNED TO NORMAL OPERATION. TO BE COORDINATED WITH DCM PROJECT MANAGER 5 DAYS PRIOR TO SHUT DOWN.
29. ELECTRICAL CONTRACTOR TO ALLOW FOR FIRE ALARM PANEL SUPERVISION DURING TIME OF FIRE ALARM BYPASS DURING INSTALLATION.
30. ALL FIRE DETECTION DEVICES TO BE SUPPLIED AND VERIFIED BY SIEMENS CANADA LTD. BUILDING TECHNOLOGIES DIVISION CONTACT GERRY THIBEAULT MOBILE: 416-617-3786 gerry.thibeault@siemens.com.

ABATEMENT NOTES (SECTION REQUIRED BY ASBESTOS REMOVAL OR SIMILAR SUBSTANCE):

31. ALL MATERIALS IDENTIFIED AS ASBESTOS CONTAINING MATERIAL (ACM) TO BE REMOVED. REMOVAL OF ACM TO BE CARRIED OUT IN CONFORMANCE WITH THE MINISTRY OF LABOUR'S PROCEDURES AS DESCRIBED IN THE ONTARIO REGULATION 278/05 DESIGNATED SUBSTANCE - ASBESTOS ON CONSTRUCTION PROJECTS AND IN BUILDINGS AND REPAIR OPERATIONS, SERVING AS PART OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND UNIVERSITY OF TORONTO PROCEDURES.
32. ABATEMENT CONTRACTOR TO ENSURE ALL TYPE II REMOVAL PROCEDURES ARE ADHERED TO INCLUDING BUT NOT LIMITED TO THE FOLLOWING;
33. GENERAL CONTRACTOR, ABATEMENT SUBCONTRACTOR TO COORDINATE ABATEMENT PLAN AND PROCEDURES WITH UNIVERSITY OF TORONTO, DESIGN AND CONSTRUCTION MANAGEMENT PROJECT MANAGER AND UNIVERSITY OF TORONTO ENVIRONMENTAL HEALTH AND SAFETY OFFICER MINIMUM 5 DAYS IN ADVANCE OF WORK TO OCCUR.
34. GENERAL CONTRACTOR, ABATEMENT SUBCONTRACTOR TO COORDINATE HVAC SHUT DOWN WITH UNIVERSITY OF TORONTO, DESIGN AND CONSTRUCTION MANAGEMENT PROJECT MANAGER MINIMUM 5 DAYS IN ADVANCE OF WORK TO OCCUR.
35. ABATEMENT REMOVAL TO OCCUR FROM 10:00 PM-6:00 AM, MONDAY - FRIDAY. SITE PREPARATION CAN OCCUR DURING REGULAR WORKING HOURS.
36. AREA OF REMOVAL TO BE FULLY TENTED AND UNDER NEGATIVE PRESSURE BY MEANS OF EXHAUST FAN COMPLETE WITH HEPA FILTER.
37. PROPER ABATEMENT NOTIFICATION TO BE POSTED IN VISIBLE AREAS OF AREA OF WORK.
38. THE CONSTRUCTOR IS REQUIRED TO MEET WITH UNIVERSITY OF TORONTO PROJECT MANAGER AND ENVIRONMENTAL HEALTH AND SAFETY OFFICER PRE-ABATEMENT SITE MEETING TO COORDINATE SITE SPECIFIC ABATEMENT CONTAINMENT STRATEGIES AND PROCEDURE.
39. FOR FURTHER INFORMATION REFER TO:
https://ehs.utoronto.ca/our-services/occupational-hygiene-safety/asbestos-management-program/

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PROJECT #
DCM2025-04

PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

DRAWN BY: SE
CHECKED BY: HY

DRAWING TITLE
3RD FLOOR- EXISTING PARTIAL REFLECTED CEILING PLAN

DATE: 2025-06-10
SCALE: AS NOTED
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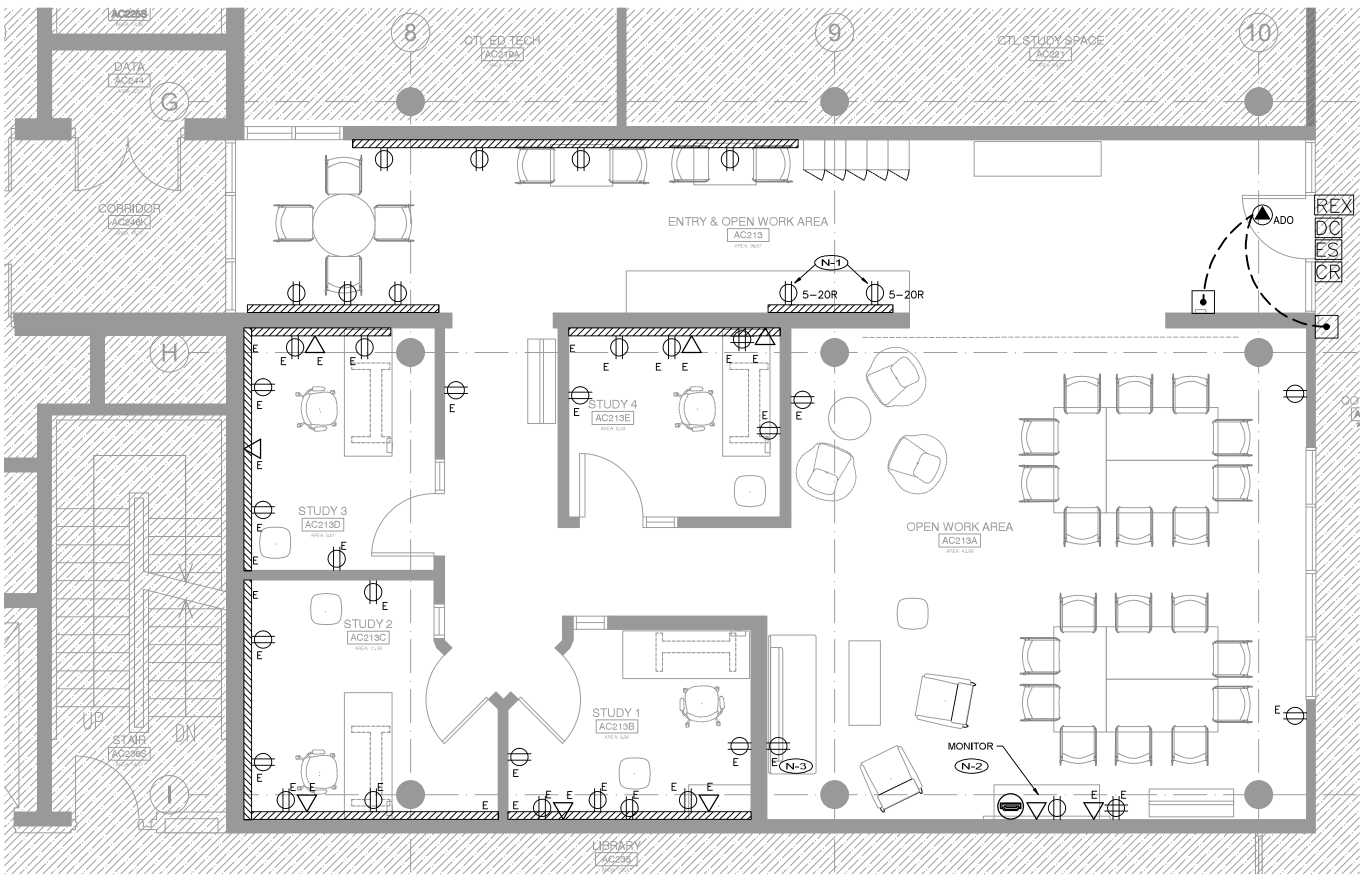

AC213 PROPOSED FLOOR PLAN

01 / E2.1 — 1:50

DRAWING NOTES:

(N-1) PROVIDE A 20A DEDICATED CIRCUIT FOR FUTURE KITCHENETTE APPLIANCES. ALLOCATE FOR ALL NEW WIRING, CONDUIT AND BREAKER IN THE EXISTING PANEL 'GB' LOCATED IN ELECTRICAL ROOM #AC246.

(N-2) ELECTRICAL CONTRACTOR TO PROVIDE A 120V, 15A CIRCUIT FOR NEW MONITOR C/W ALL NEW WIRING, CONDUIT AND BREAKER IN THE EXISTING PANEL 'GB' LOCATED IN ELECTRICAL ROOM #AC246.

(N-3) EXISTING DUPLEX RECEPTACLE TO BE REMOVED AND RELOCATED. REFER TO ARCHITECTURAL DRAWINGS FOR NEW LOCATION. REWORK AND EXTEND CONDUIT AND WIRING AS REQUIRED.

GENERAL NOTES:

1. FOLLOW ALL HEALTH AND SAFETY PROCEDURES AS MANDATED BY UNIVERSITY OF TORONTO EHS DEPARTMENT WHILE WORKING ON SITE (I.E CONFINED SPACES, FALL PROTECTION, PORTABLE LADDERS, ETC) REFER TO http://www.ehs.utoronto.ca/resources/manindex.htm FOR ADDITIONAL INFORMATION.
2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILS, FINISHES AND COLOURS.
3. SUPPLY AND INSTALL NEW LED LIGHTS COMPLETE WITH CABLE MOUNTING KITS AS PER UTSC SPECIFICATIONS AND ATTACHED LIGHTING LEGEND WHERE INDICATED.
4. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR LIGHT LOCATIONS IN REFERENCE TO THE PROPOSED DUCTING AS SHOWN ON MECHANICAL DRAWINGS.
5. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM LIGHTING PANEL FOR ALL LIGHTING FIXTURES ON NORMAL POWER. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM EMERGENCY PANEL FOR ALL LIGHTING FIXTURES ON EMERGENCY POWER.
6. NEW EXIT SIGNS TO BE EDGELIT PICTOGRAM RUNNING MAN EXIT SIGNS AND TO BE CONNECTED TO THE NEAREST AVAILABLE SPARE EXIT LIGHTING CIRCUIT. DO NOT OVERLOAD CIRCUIT.
7. ALL EMERGENCY LOADS TO BE FED FROM EMERGENCY PANEL, AND ALL NORMAL LOADS TO BE FED FROM NORMAL PANEL.
8. ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE SHALL REMAIN LIVE AND OPERATIONAL. ELECTRICAL CONTRACTOR TO ENSURE SERVICES TO THESE AREAS ARE ISOLATED AND PROTECTED DURING THE COURSE OF DEMOLITION AND CONSTRUCTION.
9. ELECTRICAL CONTRACTOR SHALL MAINTAIN AND RELOCATE EXISTING SERVICES WHICH PASS THROUGH THE AREA OF RENOVATION OR DEMOLITION, BUT FEEDS ITEMS LOCATED OUTSIDE OF THESE AREAS. REWIRE DEVICES TO ORIGINAL CIRCUITS.
10. PROVIDE JUNCTION BOXES, OUTLET BOXES, WIRING, PLATES AND OTHER ITEMS NECESSARY FOR COMPLETE RELOCATION OF DEVICES, FIXTURES AND EQUIPMENT.
11. CONNECTIONS TO EXISTING SYSTEMS TO BE MADE AT APPROVED TIMES. OBTAIN WRITTEN APPROVAL RECORDING TIMES WHEN CONNECTIONS CAN BE MADE. ARRANGE WORK SO THAT PHYSICAL ACCESS TO EXISTING BUILDINGS IS NOT UNDULY INTERRUPTED. REQUEST FOR SHUT-DOWNS TO BE SUBMITTED IN WRITING BY THE CONTRACTOR WITH A MINIMUM OF TWO-WEEK NOTICE.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED TO EXISTING SYSTEMS WHEN MAKING CONNECTIONS.
13. ALL ELECTRICAL CONDUITS THROUGH WALLS MUST BE COMPLETELY SEALED TO ELIMINATE THEIR POTENTIAL USE AS ROUTES FOR VERMIN OR AEROSOLS.
14. MAXIMUM 6 RECEPTACLES PER CIRCUIT FOR GENERAL USE RECEPTACLES, AND MAXIMUM 4 RECEPTACLES PER CIRCUIT FOR COMPUTER WORK STATION RECEPTACLES. EXACT LOCATION OF ALL NEW AND RELOCATED RECEPTACLES TO BE CONFIRMED ON SITE WITH ARCHITECT.
15. ALL RECEPTACLES IN OTHER AREAS WHERE THEY MAY BE EXPOSED TO WATER MUST BE GROUND FAULT PROTECTED (GFCI) AND HAVE A WHILE-IN-USE ALL-WEATHER COVER. THIS INCLUDES ALL EXISTING RECEPTACLES WITHIN 2 METERS OF SINKS.
16. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE WITH SHOP DRAWINGS, PRIOR TO INSTALLATION.
17. THE POWER FOR SPECIALIZED EQUIPMENT MUST BE SIZED AND INSTALLED ACCORDING TO THE RECOMMENDATIONS OF THE MANUFACTURERS OF THE EQUIPMENT. VERIFY THE EXACT POWER REQUIREMENTS AND RECEPTACLE TYPES FOR SPECIAL EQUIPMENT WITH MANUFACTURER PRIOR TO INSTALLATION.
18. COORDINATE FINAL ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE, WITH SHOP DRAWINGS, PRIOR TO INSTALLATION,CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW FOR ALL ELECTRICAL COMPONENTS.
19. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL SUITABLE LABELS ON ALL RECEPTACLES. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION.
20. ELECTRICAL CONTRACTOR TO REVISE AND UPDATE PANELBOARD SCHEDULES AFFECTED BY WORK.
21. WHERE CONDUITS PASS THROUGH FIRE RATED WALLS OR FLOOR, PROVIDE LISTED FIRE STOPPING MATERIAL WHICH BEARS LABEL OF CSA AND ULC AND MAINTAIN SAME FIRE RATING AS THAT OF THE PENETRATED BUILDING COMPONENT.
22. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND EXAMINING ALL CONDITIONS AFFECTING THE PROPOSED INSTALLATION. NO CONSIDERATION WILL BE GIVEN FOR EXTRA COSTS ARISING FROM FAILURE TO VISIT SITE.
23. SUPPLY AND INSTALL NEW RECEPTACLES AS SHOWN. RECEPTACLE COVER PLATES TO BE STAINLESS STEEL. MOUNTING HEIGHTS TO BE CONFIRMED ON SITE. ELECTRICAL CONTRACTOR TO MARK UP OUTLET LOCATIONS AND OBTAIN APPROVAL PRIOR TO INSTALLATION.
24. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL RACEWAY ON CONCRETE AND GLAZED WALLS, WITH PHYSICAL DIVIDER TO ACCOMMODATE BOTH DATA AND POWER WIRING WHERE APPLICABLE. ENSURE RACEWAY IS COMPLETELY SEALED.
25. ALL WIRING TO RUN IN CONDUITS AND ALL CONDUITS TO BE ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE SPECIFIED.
26. PROVIDE CONNECTORS WITH WATERPROOF BUSHINGS AND "O" RINGS WHEN ENTERING OR EXITING FROM TOP OR SIDE OF ELECTRICAL EQUIPMENT.
27. EXPOSED CONDUITS SHALL BE INSTALLED TO CONSERVE HEADROOM AND CAUSE MINIMUM INTERFERENCE IN SPACES THROUGH WHICH THEY PASS.
28. USE RIGID GALVANIZED STEEL CONDUIT WHERE EXPOSED INDOORS IN WET LOCATIONS, AND IN-SERVICE AREAS WHERE SUBJECTED TO MECHANICAL INJURY.
29. USE RIGID PVC CONDUIT UNDERGROUND AND IN EXPOSED INDOOR CORROSIVE AREAS.
30. BEND CONDUIT WITHOUT HEATING. REPLACE CONDUIT IF KINKED OR FLATTENED MORE THAN 1/10TH OF ITS ORIGINAL DIAMETER. A MAXIMUM OF 2 (TWO), 90 DEG. BENDS, OR EQUIVALENT UP TO 180 DEG., WILL BE PERMITTED WITHOUT INSTALLATION OF A PULL BOX. PULL BOXES FOR ELECTRICAL CONDUCTORS SHALL BE INSTALLED AS PER OESC: THE RUN OF CONDUIT OR TUBING BETWEEN DRAW-IN POINTS DOES NOT HAVE MORE THAN THE EQUIVALENT OF TWO 90° BENDS WITH MINIMUM RADII OF NOT LESS THAN 0.944M FOR CABLE RATED 1000V OR LESS, AND IS LIMITED TO A MAXIMUM OF 15M FOR A THREE-CONDUCTOR COPPER CABLE; 45M FOR A SINGLE-CONDUCTOR COPPER CABLE; 35M FOR A THREE-CONDUCTOR ALUMINUM CABLE; OR 100M FOR A SINGLE-CONDUCTOR ALUMINUM CABLE.
31. CONDUIT MUST BE INSTALLED SO THAT CONDUCTORS CAN BE DRAWN IN WITHOUT STRAIN OR DAMAGE TO THE CONDUCTORS.
32. WHERE VERTICALLY RUN CONDUITS PASS THROUGH A SLAB, CONTRACTOR TO PROVIDE 100MM HIGH CONCRETE PAD WITH THE PAD EXTENDING 100MM ON ALL SIDES OF THE CONDUIT.
33. USE FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTOR OR VIBRATING EQUIPMENT IN DRY AREAS, CONNECTION TO RECESSED LIGHTING FIXTURES WITHOUT A PREWIRED OUTLET BOX, CONNECTION TO SURFACE OR RECESSED LIGHTING FIXTURES AND WORK IN MOVABLE METAL PARTITIONS.
34. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTORS OR VIBRATING EQUIPMENT IN DAMP, WET OR CORROSIVE LOCATIONS. USE ONLY LIQUID TIGHT FITTINGS WHEN USING LIQUID TIGHT FLEXIBLE METAL CONDUIT. LIQUID TIGHT FLEXIBLE CONDUIT TO HAVE A JACKET WITH AN FT6 RATING WHEN USED IN PLENUMS OTHERWISE PROVIDE A MINIMUM FT4 RATING.
35. PROVIDE JUNCTION BOXES, CO-ORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN
36. ELECTRICAL CONTRACTOR TO COORDINATE WITH DOOR SCHEDULE, HARDWARE SCHEDULE, WIRING DIAGRAM AND SHOP DRAWINGS FOR CARD READERS.
37. THE SECURITY SYSTEM INSTALLED MUST MATCH THE EXISTING BUILDING SYSTEM. SUPPLY AND INSTALL HONEYWELL SECURITY DEVICES THAT ARE POE (POWER OVER ETHERNET). ALL POE DEVICES RUN BACK TO IT ROOM. PROVIDE PLENUM RATED CABLES TO RUN THROUGH THE CABLE TRAY. FOR ANY OWNER APPROVED NOT POE DEVICES, RUN CABLES BACK TO MAIN SECURITY PANEL. CONDUIT TO BE INSTALLED FROM DEVICE TO CABLE TRAY.
38. ALL FIRE ALARM CIRCUITS TO RUN BACK TO THE SIEMENS PANEL.
39. ALL NEW INTERIOR FIRE PROTECTION EQUIPMENT SHALL BE ULC LISTED AND FM APPROVED.
40. FIRE DEPARTMENT SHALL BE NOTIFIED PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM AND NOTIFIED AGAIN WHEN THE SYSTEM IS RETURNED TO NORMAL OPERATION. TO BE COORDINATED WITH DCM PROJECT MANAGER 5 DAYS PRIOR TO SHUT DOWN.
41. ELECTRICAL CONTRACTOR TO ALLOW FOR FIRE ALARM PANEL SUPERVISION DURING TIME OF FIRE ALARM BYPASS DURING INSTALLATION.
42. ALL FIRE DETECTION DEVICES TO BE SUPPLIED AND VERIFIED BY SIEMENS CANADA LTD, BUILDING TECHNOLOGIES DIVISION CONTACT GERRY THIBEAULT MOBILE: 416-617-3786 gerry.thibeault@siemens.com.
43. ELECTRICAL CONTRACTOR TO ALLOW FOR THE CONFIRMATION OF CAPACITY OF LOOPS, THE PARTS, PROGRAMMING OF DEVICES , PROGRAMMING OF PANEL, ADDITION OF DEVICES TO SOFTWARE SYSTEM AND VERIFICATION BY SIEMENS.
44. ELECTRICAL OUTLET MONUMENTS ABOVE THE COUNTERS TO MEET ELECTRICAL SPECIFICATIONS AND TO BE LEGRAND WIREMOLD MULTI-SERVICE PEDESTAL TABLE BOXES FOR LAB APPLICATIONS.
45. ELECTRICAL CONTRACTOR TO CARRY COMMUNICATIONS SCOPE. COORDINATE ALL COMMUNICATIONS REQUIREMENTS WITH IITS PRIOR TO INSTALLATION AND TERMINATION. FIBER CABLE MUST NOT BE FREE AIR AND MUST BE INSIDE AN ORANGE INNER DUCT FOR THE WHOLE LENGTH OF THE CABLE..

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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C1A4

PROJECT #: DCM2025-04

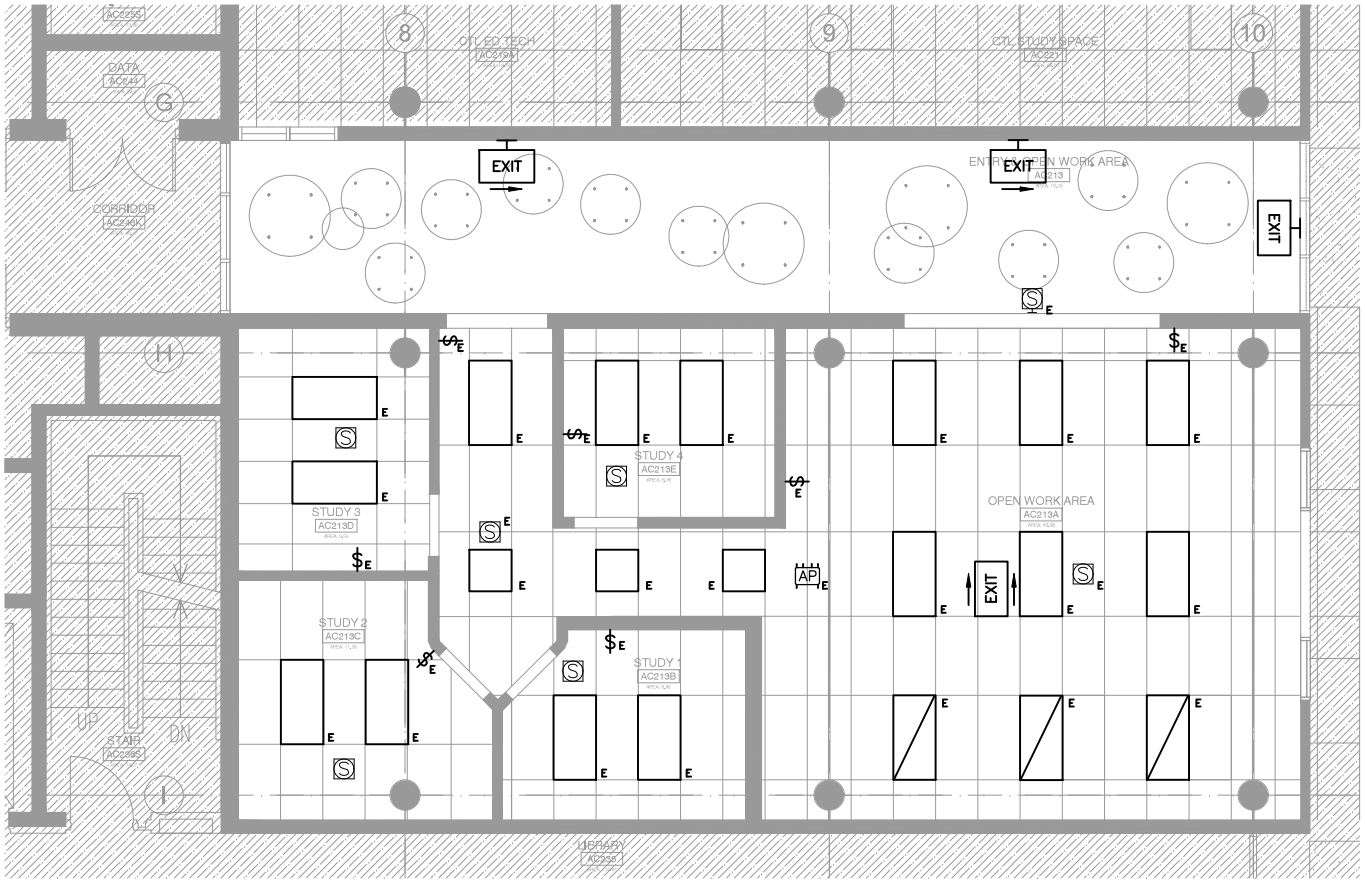
PROJECT TITLE: INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: SE
CHECKED BY: HY

DRAWING TITLE: 2ND FLOOR- PROPOSED FLOOR PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING No: E2.1



01 E2.2 **AC213 PROPOSED REFLECTED CEILING PLAN**
1:50

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6. NEW EXIT SIGNS TO BE EDGELIT PICTOGRAM RUNNING MAN EXIT SIGNS AND TO BE CONNECTED TO THE NEAREST AVAILABLE SPARE EXIT LIGHTING CIRCUIT. DO NOT OVERLOAD CIRCUIT.
7. ALL EMERGENCY LOADS TO BE FED FROM EMERGENCY PANEL, AND ALL NORMAL LOADS TO BE FED FROM NORMAL PANEL.
8. ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE SHALL REMAIN LIVE AND OPERATIONAL. ELECTRICAL CONTRACTOR TO ENSURE SERVICES TO THESE AREAS ARE ISOLATED AND PROTECTED DURING THE COURSE OF DEMOLITION AND CONSTRUCTION.
9. ELECTRICAL CONTRACTOR SHALL MAINTAIN AND RELOCATE EXISTING SERVICES WHICH PASS THROUGH THE AREA OF RENOVATION OR DEMOLITION, BUT FEEDS ITEMS LOCATED OUTSIDE OF THESE AREAS. REWIRE DEVICES TO ORIGINAL CIRCUITS.
10. PROVIDE JUNCTION BOXES, OUTLET BOXES, WIRING, PLATES AND OTHER ITEMS NECESSARY FOR COMPLETE RELOCATION OF DEVICES, FIXTURES AND EQUIPMENT.
11. CONNECTIONS TO EXISTING SYSTEMS TO BE MADE AT APPROVED TIMES. OBTAIN WRITTEN APPROVAL RECORDING TIMES WHEN CONNECTIONS CAN BE MADE. ARRANGE WORK SO THAT PHYSICAL ACCESS TO EXISTING BUILDINGS IS NOT UNDULY INTERRUPTED. REQUEST FOR SHUT-DOWNS TO BE SUBMITTED IN WRITING BY THE CONTRACTOR WITH A MINIMUM OF TWO-WEEK NOTICE.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED TO EXISTING SYSTEMS WHEN MAKING CONNECTIONS.
13. ALL ELECTRICAL CONDUITS THROUGH WALLS MUST BE COMPLETELY SEALED TO ELIMINATE THEIR POTENTIAL USE AS ROUTES FOR VERMIN OR AEROSOLS.
14. MAXIMUM 6 RECEPTACLES PER CIRCUIT FOR GENERAL USE RECEPTACLES, AND MAXIMUM 4 RECEPTACLES PER CIRCUIT FOR COMPUTER WORK STATION RECEPTACLES. EXACT LOCATION OF ALL NEW AND RELOCATED RECEPTACLES TO BE CONFIRMED ON SITE WITH ARCHITECT.
15. ALL RECEPTACLES IN OTHER AREAS WHERE THEY MAY BE EXPOSED TO WATER MUST BE GROUND FAULT PROTECTED (GFCI) AND HAVE A WHILE-IN-USE ALL-WEATHER COVER. THIS INCLUDES ALL EXISTING RECEPTACLES WITHIN 2 METERS OF SINKS.
16. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE WITH SHOP DRAWINGS, PRIOR TO INSTALLATION.
17. THE POWER FOR SPECIALIZED EQUIPMENT MUST BE SIZED AND INSTALLED ACCORDING TO THE RECOMMENDATIONS OF THE MANUFACTURERS OF THE EQUIPMENT. VERIFY THE EXACT POWER REQUIREMENTS AND RECEPTACLE TYPES FOR SPECIAL EQUIPMENT WITH MANUFACTURER PRIOR TO INSTALLATION.
18. COORDINATE FINAL ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE, WITH SHOP DRAWINGS, PRIOR TO INSTALLATION.CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW FOR ALL ELECTRICAL COMPONENTS.
19. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL SUITABLE LABELS ON ALL RECEPTACLES. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION.
20. ELECTRICAL CONTRACTOR TO REVISE AND UPDATE PANELBOARD SCHEDULES AFFECTED BY WORK.
21. WHERE CONDUITS PASS THROUGH FIRE RATED WALLS OR FLOOR, PROVIDE LISTED FIRE STOPPING MATERIAL WHICH BEARS LABEL OF CSA AND ULC AND MAINTAIN SAME FIRE RATING AS THAT OF THE PENETRATED BUILDING COMPONENT.
22. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND EXAMINING ALL CONDITIONS AFFECTING THE PROPOSED INSTALLATION. NO CONSIDERATION WILL BE GIVEN FOR EXTRA COSTS ARISING FROM FAILURE TO VISIT SITE.
23. SUPPLY AND INSTALL NEW RECEPTACLES AS SHOWN. RECEPTACLE COVER PLATES TO BE STAINLESS STEEL, MOUNTING HEIGHTS TO BE CONFIRMED ON SITE. ELECTRICAL CONTRACTOR TO MARK UP OUTLET LOCATIONS AND OBTAIN APPROVAL PRIOR TO INSTALLATION.
24. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL RACEWAY ON CONCRETE AND GLAZED WALLS, WITH PHYSICAL DIVIDER TO ACCOMMODATE BOTH DATA AND POWER WIRING WHERE APPLICABLE. ENSURE RACEWAY IS COMPLETELY SEALED.
25. ALL WIRING TO RUN IN CONDUITS AND ALL CONDUITS TO BE ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE SPECIFIED.
26. PROVIDE CONNECTORS WITH WATERPROOF BUSHINGS AND "O" RINGS WHEN ENTERING OR EXITING FROM TOP OR SIDE OF ELECTRICAL EQUIPMENT.
27. EXPOSED CONDUITS SHALL BE INSTALLED TO CONSERVE HEADROOM AND CAUSE MINIMUM INTERFERENCE IN SPACES THROUGH WHICH THEY PASS.
28. USE RIGID GALVANIZED STEEL CONDUIT WHERE EXPOSED INDOORS IN WET LOCATIONS, AND IN-SERVICE AREAS WHERE SUBJECTED TO MECHANICAL INJURY.
29. USE RIGID PVC CONDUIT UNDERGROUND AND IN EXPOSED INDOOR CORROSIVE AREAS.
30. BEND CONDUIT WITHOUT HEATING, REPLACE CONDUIT IF KINKED OR FLATTENED MORE THAN 1/10TH OF ITS ORIGINAL DIAMETER. A MAXIMUM OF 2 (TWO), 90 DEG. BENDS, OR EQUIVALENT UP TO 180 DEG., WILL BE PERMITTED WITHOUT INSTALLATION OF A PULL BOX. PULL BOXES FOR ELECTRICAL CONDUCTORS SHALL BE INSTALLED AS PER OESC: THE RUN OF CONDUIT OR TUBING BETWEEN DRAW-IN POINTS DOES NOT HAVE MORE THAN THE EQUIVALENT OF TWO 90° BENDS WITH MINIMUM RADII OF NOT LESS THAN 0.944M FOR CABLE RATED 1000V OR LESS, AND IS LIMITED TO A MAXIMUM OF 15M FOR A THREE-CONDUCTOR COPPER CABLE, 45M FOR A SINGLE-CONDUCTOR COPPER CABLE; 35M FOR A THREE-CONDUCTOR ALUMINUM CABLE; OR 100M FOR A SINGLE-CONDUCTOR ALUMINUM CABLE.
31. CONDUIT MUST BE INSTALLED SO THAT CONDUCTORS CAN BE DRAWN IN WITHOUT STRAIN OR DAMAGE TO THE CONDUCTORS.
32. WHERE VERTICALLY RUN CONDUITS PASS THROUGH A SLAB, CONTRACTOR TO PROVIDE 100MM HIGH CONCRETE PAD WITH THE PAD EXTENDING 100MM ON ALL SIDES OF THE CONDUIT.
33. USE FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTOR OR VIBRATING EQUIPMENT IN DRY AREAS. CONNECTION TO RECESSED LIGHTING FIXTURES WITHOUT A PREWIRED OUTLET BOX, CONNECTION TO SURFACE OR RECESSED LIGHTING FIXTURES AND WORK IN MOVABLE METAL PARTITIONS.
34. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTORS OR VIBRATING EQUIPMENT IN DAMP, WET OR CORROSIVE LOCATIONS. USE ONLY LIQUID TIGHT FITTINGS WHEN USING LIQUID TIGHT FLEXIBLE METAL CONDUIT. LIQUID TIGHT FLEXIBLE CONDUIT TO HAVE A JACKET WITH AN FT6 RATING WHEN USED IN PLENUMS OTHERWISE PROVIDE A MINIMUM FT4 RATING.
35. PROVIDE JUNCTION BOXES, CO-ORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN
36. THE SECURITY SYSTEM INSTALLED MUST MATCH THE EXISTING BUILDING SYSTEM. SUPPLY AND INSTALL HONEYWELL SECURITY DEVICES THAT ARE POE (POWER OVER ETHERNET). ALL POE DEVICES RUN BACK TO IT ROOM. PROVIDE PLENUM RATED CABLES TO RUN THROUGH THE CABLE TRAY. FOR ANY OWNER APPROVED NOT POE DEVICES, RUN CABLES BACK TO MAIN SECURITY PANEL. CONDUIT TO BE INSTALLED FROM DEVICE TO CABLE TRAY.
37. ALL FIRE ALARM CIRCUITS TO RUN BACK TO THE SIEMENS PANEL.
38. ALL NEW INTERIOR FIRE PROTECTION EQUIPMENT SHALL BE ULC LISTED AND FM APPROVED.
39. FIRE DEPARTMENT SHALL BE NOTIFIED PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM AND NOTIFIED AGAIN WHEN THE SYSTEM IS RETURNED TO NORMAL OPERATION. TO BE COORDINATED WITH DCM PROJECT MANAGER 5 DAYS PRIOR TO SHUT DOWN.
40. ELECTRICAL CONTRACTOR TO ALLOW FOR FIRE ALARM PANEL SUPERVISION DURING TIME OF FIRE ALARM BYPASS DURING INSTALLATION.
41. ALL FIRE DETECTION DEVICES TO BE SUPPLIED AND VERIFIED BY SIEMENS CANADA LTD, BUILDING TECHNOLOGIES DIVISION CONTACT GERRY THIBEAULT MOBILE: 416-617-3786 gerry.thibeault@siemens.com.
42. ELECTRICAL CONTRACTOR TO ALLOW FOR THE CONFIRMATION OF CAPACITY OF LOOPS, THE PARTS, PROGRAMMING OF DEVICES , PROGRAMMING OF PANEL, ADDITION OF DEVICES TO SOFTWARE SYSTEM AND VERIFICATION BY SIEMENS.
43. ELECTRICAL CONTRACTOR TO CARRY COMMUNICATIONS SCOPE. COORDINATE ALL COMMUNICATIONS REQUIREMENTS WITH ITS PRIOR TO INSTALLATION AND TERMINATION. FIBER CABLE MUST NOT BE FREE AIR AND MUST BE INSIDE AN ORANGE INNER DUCT FOR THE WHOLE LENGTH OF THE CABLE.

UNIVERSITY OF TORONTO SCARBOROUGH
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Toronto Ontario
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1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #
DCM2025-04

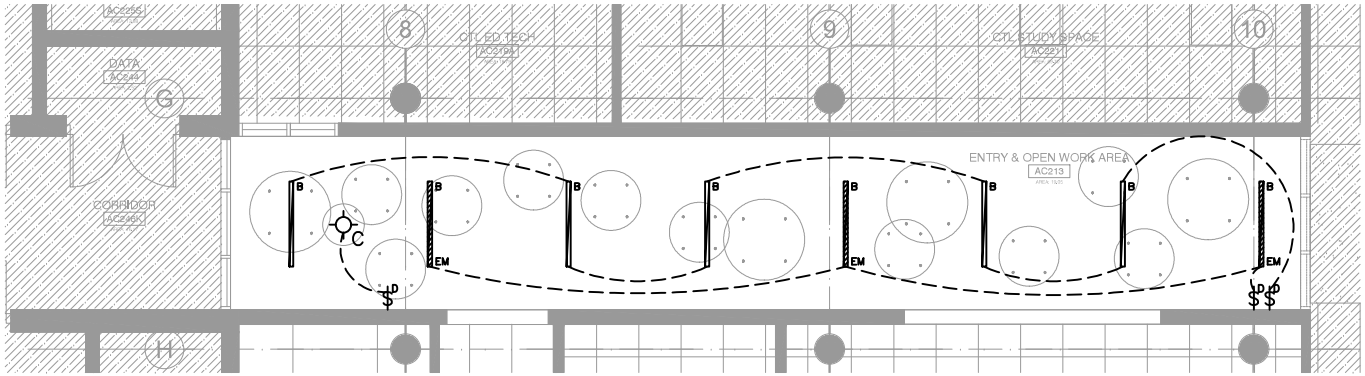
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

DRAWN BY: SE
CHECKED BY: HY

DRAWING TITLE
2ND FLOOR- PROPOSED REFLECTED CEILING PLAN

DATE: 2025-06-10
SCALE: AS NOTED
DRAWING NO. E2.2



DRAWING NOTES:

N-1 EXISTING PENDANT FIXTURES ON 3RD FLOOR CEILING TO REMAIN. NEW LINEAR LIGHTING FIXTURES TO BE INSTALLED AT A LOWER ELEVATION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING HEIGHT AND INSTALLATION DETAILS.

N-2 NEW FIXTURES TO BE FED FROM LIGHTING PANEL 'LA' LOCATED IN ELECTRICAL ROOM #246. ELECTRICAL CONTRACTOR TO VERIFY ON SITE AND PROVIDE ONE (1) 20A BREAKER IF REQUIRED.

N-3 THE NEW LIGHT SWITCHES TO BE LUTRON DIVA CONTROLS (CAT.# DVTV) C/W STAINLESS STEEL (SS) COVER PLATE. PROVIDE POWER PACKS (CAT.# PP-347H) AND ALL NECESSARY EQUIPMENT, INCLUDING BUT NOT LIMITED TO ELCU-200, TO ENSURE A FULLY OPERATIONAL AND CODE-COMPLIANT SYSTEM.

01 / E2.3

PROPOSED PARTIAL 3RD FLOOR REFLECTED CEILING PLAN

1:50

GENERAL NOTES:

1. FOLLOW ALL HEALTH AND SAFETY PROCEDURES AS MANDATED BY UNIVERSITY OF TORONTO EHS DEPARTMENT WHILE WORKING ON SITE (I.E CONFINED SPACES, FALL PROTECTION, PORTABLE LADDERS, ETC) REFER TO http://www.ehs.utoronto.ca/resources/manindex.htm FOR ADDITIONAL INFORMATION.
2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILS, FINISHES AND COLOURS.
3. SUPPLY AND INSTALL NEW LED LIGHTS COMPLETE WITH CABLE MOUNTING KITS AS PER UTSC SPECIFICATIONS AND ATTACHED LIGHTING LEGEND WHERE INDICATED.
4. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR LIGHT LOCATIONS IN REFERENCE TO THE PROPOSED DUCTING AS SHOWN ON MECHANICAL DRAWINGS.
5. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM LIGHTING PANEL FOR ALL LIGHTING FIXTURES ON NORMAL POWER. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM EMERGENCY PANEL FOR ALL LIGHTING FIXTURES ON EMERGENCY POWER.
6. NEW EXIT SIGNS TO BE EDGELIT PICTOGRAM RUNNING MAN EXIT SIGNS AND TO BE CONNECTED TO THE NEAREST AVAILABLE SPARE EXIT LIGHTING CIRCUIT. DO NOT OVERLOAD CIRCUIT.
7. ALL EMERGENCY LOADS TO BE FED FROM EMERGENCY PANEL, AND ALL NORMAL LOADS TO BE FED FROM NORMAL PANEL.
8. ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE SHALL REMAIN LIVE AND OPERATIONAL. ELECTRICAL CONTRACTOR TO ENSURE SERVICES TO THESE AREAS ARE ISOLATED AND PROTECTED DURING THE COURSE OF DEMOLITION AND CONSTRUCTION.
9. ELECTRICAL CONTRACTOR SHALL MAINTAIN AND RELOCATE EXISTING SERVICES WHICH PASS THROUGH THE AREA OF RENOVATION OR DEMOLITION, BUT FEEDS ITEMS LOCATED OUTSIDE OF THESE AREAS. REWIRE DEVICES TO ORIGINAL CIRCUITS.
10. PROVIDE JUNCTION BOXES, OUTLET BOXES, WIRING, PLATES AND OTHER ITEMS NECESSARY FOR COMPLETE RELOCATION OF DEVICES, FIXTURES AND EQUIPMENT.
11. CONNECTIONS TO EXISTING SYSTEMS TO BE MADE AT APPROVED TIMES. OBTAIN WRITTEN APPROVAL RECORDING TIMES WHEN CONNECTIONS CAN BE MADE. ARRANGE WORK SO THAT PHYSICAL ACCESS TO EXISTING BUILDINGS IS NOT UNDULY INTERRUPTED. REQUEST FOR SHUT-DOWNS TO BE SUBMITTED IN WRITING BY THE CONTRACTOR WITH A MINIMUM OF TWO-WEEK NOTICE.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED TO EXISTING SYSTEMS WHEN MAKING CONNECTIONS.
13. ALL ELECTRICAL CONDUITS THROUGH WALLS MUST BE COMPLETELY SEALED TO ELIMINATE THEIR POTENTIAL USE AS ROUTES FOR VERMIN OR AEROSOLS.
14. MAXIMUM 6 RECEPTACLES PER CIRCUIT FOR GENERAL USE RECEPTACLES, AND MAXIMUM 4 RECEPTACLES PER CIRCUIT FOR COMPUTER WORK STATION RECEPTACLES. EXACT LOCATION OF ALL NEW AND RELOCATED RECEPTACLES TO BE CONFIRMED ON SITE WITH ARCHITECT.
15. ALL RECEPTACLES IN OTHER AREAS WHERE THEY MAY BE EXPOSED TO WATER MUST BE GROUND FAULT PROTECTED (GFCI) AND HAVE A WHILE-IN-USE ALL-WEATHER COVER. THIS INCLUDES ALL EXISTING RECEPTACLES WITHIN 2 METERS OF SINKS.
16. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE WITH SHOP DRAWINGS, PRIOR TO INSTALLATION.
17. THE POWER FOR SPECIALIZED EQUIPMENT MUST BE SIZED AND INSTALLED ACCORDING TO THE RECOMMENDATIONS OF THE MANUFACTURERS OF THE EQUIPMENT. VERIFY THE EXACT POWER REQUIREMENTS AND RECEPTACLE TYPES FOR SPECIAL EQUIPMENT WITH MANUFACTURER PRIOR TO INSTALLATION.
18. COORDINATE FINAL ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE, WITH SHOP DRAWINGS, PRIOR TO INSTALLATION.CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW FOR ALL ELECTRICAL COMPONENTS.
19. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL SUITABLE LABELS ON ALL RECEPTACLES. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION.
20. ELECTRICAL CONTRACTOR TO REVISE AND UPDATE PANELBOARD SCHEDULES AFFECTED BY WORK.
21. WHERE CONDUITS PASS THROUGH FIRE RATED WALLS OR FLOOR, PROVIDE LISTED FIRE STOPPING MATERIAL WHICH BEARS LABEL OF CSA AND ULC AND MAINTAIN SAME FIRE RATING AS THAT OF THE PENETRATED BUILDING COMPONENT.
22. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND EXAMINING ALL CONDITIONS AFFECTING THE PROPOSED INSTALLATION. NO CONSIDERATION WILL BE GIVEN FOR EXTRA COSTS ARISING FROM FAILURE TO VISIT SITE.
23. SUPPLY AND INSTALL NEW RECEPTACLES AS SHOWN. RECEPTACLE COVER PLATES TO BE STAINLESS STEEL. MOUNTING HEIGHTS TO BE CONFIRMED ON SITE. ELECTRICAL CONTRACTOR TO MARK UP OUTLET LOCATIONS AND OBTAIN APPROVAL PRIOR TO INSTALLATION.
24. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL RACEWAY ON CONCRETE AND GLAZED WALLS, WITH PHYSICAL DIVIDER TO ACCOMMODATE BOTH DATA AND POWER WIRING WHERE APPLICABLE. ENSURE RACEWAY IS COMPLETELY SEALED.
25. ALL WIRING TO RUN IN CONDUITS AND ALL CONDUITS TO BE ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE SPECIFIED.
26. PROVIDE CONNECTORS WITH WATERPROOF BUSHINGS AND "O" RINGS WHEN ENTERING OR EXITING FROM TOP OR SIDE OF ELECTRICAL EQUIPMENT.
27. EXPOSED CONDUITS SHALL BE INSTALLED TO CONSERVE HEADROOM AND CAUSE MINIMUM INTERFERENCE IN SPACES THROUGH WHICH THEY PASS.
28. USE RIGID GALVANIZED STEEL CONDUIT WHERE EXPOSED INDOORS IN WET LOCATIONS, AND IN-SERVICE AREAS WHERE SUBJECTED TO MECHANICAL INJURY.
29. USE RIGID PVC CONDUIT UNDERGROUND AND IN EXPOSED INDOOR CORROSIVE AREAS.
30. BEND CONDUIT WITHOUT HEATING. REPLACE CONDUIT IF KINKED OR FLATTENED MORE THAN 1/10TH OF ITS ORIGINAL DIAMETER. A MAXIMUM OF 2 (TWO), 90 DEG. BENDS. OR EQUIVALENT UP TO 180 DEG. WILL BE PERMITTED WITHOUT INSTALLATION OF A PULL BOX. PULL BOXES FOR ELECTRICAL CONDUCTORS SHALL BE INSTALLED AS PER OESC: THE RUN OF CONDUIT OR TUBING BETWEEN DRAW-IN POINTS DOES NOT HAVE MORE THAN THE EQUIVALENT OF TWO 90° BENDS WITH MINIMUM RADII OF NOT LESS THAN 0.944M FOR CABLE RATED 1000V OR LESS, AND IS LIMITED TO A MAXIMUM OF 15M FOR A THREE-CONDUCTOR COPPER CABLE; 45M FOR A SINGLE-CONDUCTOR COPPER CABLE; 35M FOR A THREE-CONDUCTOR ALUMINUM CABLE; OR 100M FOR A SINGLE-CONDUCTOR ALUMINUM CABLE.
31. CONDUIT MUST BE INSTALLED SO THAT CONDUCTORS CAN BE DRAWN IN WITHOUT STRAIN OR DAMAGE TO THE CONDUCTORS.
32. WHERE VERTICALLY RUN CONDUITS PASS THROUGH A SLAB, CONTRACTOR TO PROVIDE 100MM HIGH CONCRETE PAD WITH THE PAD EXTENDING 100MM ON ALL SIDES OF THE CONDUIT.
33. USE FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTOR OR VIBRATING EQUIPMENT IN DRY AREAS, CONNECTION TO RECESSED LIGHTING FIXTURES WITHOUT A PREWIRED OUTLET BOX, CONNECTION TO SURFACE OR RECESSED LIGHTING FIXTURES AND WORK IN MOVABLE METAL PARTITIONS.
34. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTORS OR VIBRATING EQUIPMENT IN DAMP, WET OR CORROSIVE LOCATIONS. USE ONLY LIQUID TIGHT FITTINGS WHEN USING LIQUID TIGHT FLEXIBLE METAL CONDUIT. LIQUID TIGHT FLEXIBLE CONDUIT TO HAVE A JACKET WITH AN FT6 RATING WHEN USED IN PLENUMS OTHERWISE PROVIDE A MINIMUM FT4 RATING.
35. PROVIDE JUNCTION BOXES, CO-ORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN
36. THE SECURITY SYSTEM INSTALLED MUST MATCH THE EXISTING BUILDING SYSTEM. SUPPLY AND INSTALL HONEYWELL SECURITY DEVICES THAT ARE POE (POWER OVER ETHERNET). ALL POE DEVICES RUN BACK TO IT ROOM. PROVIDE PLENUM RATED CABLES TO RUN THROUGH THE CABLE TRAY. FOR ANY OWNER APPROVED NOT POE DEVICES, RUN CABLES BACK TO MAIN SECURITY PANEL. CONDUIT TO BE INSTALLED FROM DEVICE TO CABLE TRAY.
37. ALL FIRE ALARM CIRCUITS TO RUN BACK TO THE SIEMENS PANEL.
38. ALL NEW INTERIOR FIRE PROTECTION EQUIPMENT SHALL BE ULC LISTED AND FM APPROVED.
39. FIRE DEPARTMENT SHALL BE NOTIFIED PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM AND NOTIFIED AGAIN WHEN THE SYSTEM IS RETURNED TO NORMAL OPERATION. TO BE COORDINATED WITH DCM PROJECT MANAGER 5 DAYS PRIOR TO SHUT DOWN.
40. ELECTRICAL CONTRACTOR TO ALLOW FOR FIRE ALARM PANEL SUPERVISION DURING TIME OF FIRE ALARM BYPASS DURING INSTALLATION.
41. ALL FIRE DETECTION DEVICES TO BE SUPPLIED AND VERIFIED BY SIEMENS CANADA LTD, BUILDING TECHNOLOGIES DIVISION CONTACT GERRY THIBEAULT MOBILE: 416-617-3786 gerry.thibeault@siemens.com.
42. ELECTRICAL CONTRACTOR TO ALLOW FOR THE CONFIRMATION OF CAPACITY OF LOOPS, THE PARTS, PROGRAMMING OF DEVICES , PROGRAMMING OF PANEL, ADDITION OF DEVICES TO SOFTWARE SYSTEM AND VERIFICATION BY SIEMENS.
43. ELECTRICAL CONTRACTOR TO CARRY COMMUNICATIONS SCOPE. COORDINATE ALL COMMUNICATIONS REQUIREMENTS WITH IITS PRIOR TO INSTALLATION AND TERMINATION. FIBER CABLE MUST NOT BE FREE AIR AND MUST BE INSIDE AN ORANGE INNER DUCT FOR THE WHOLE LENGTH OF THE CABLE.

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PROJECT #
DCM2025-04

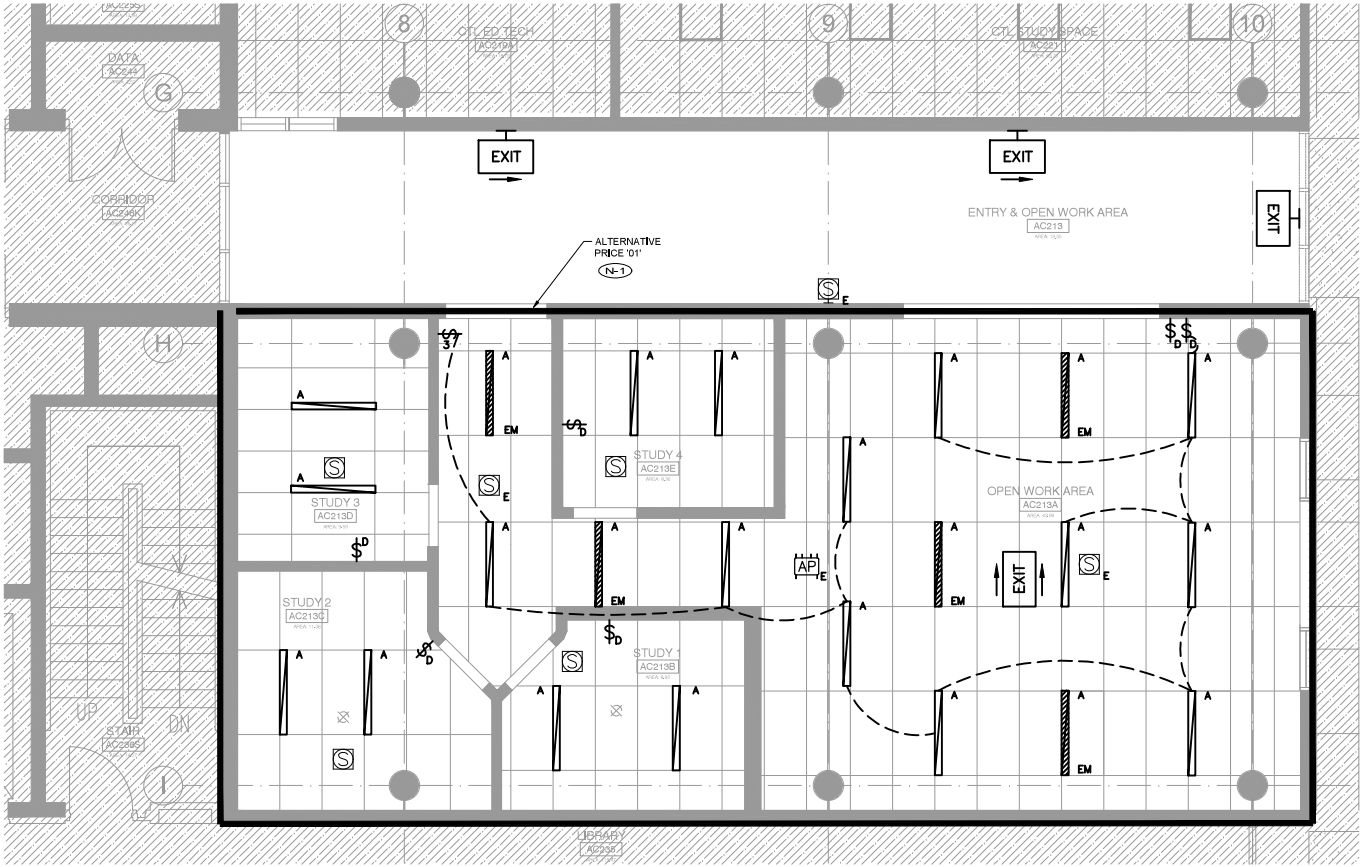
PROJECT TITLE
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 12655 MILITARY TRAIL

DRAWN BY: SE
CHECKED BY: HY

DRAWING TITLE
3RD FLOOR- PROPOSED PARTIAL REFLECTED CEILING PLAN

DATE: 2025-08-10
SCALE: AS NOTED
DRAWING No: E2.3



DRAWING NOTES:

N-1 ALTERNATIVE PRICE 01: FOR 1- REMOVAL OF EXISTING LIGHT FIXTURES AND SIX (6) EXISTING LIGHT SWITCHES. 2- INSTALLATION OF NEW LIGHT FIXTURES (TYPE 'A') , NEW SIX (6) LIGHT DIMMER SWITCHES AND ONE (1) LIGHT 3-WAY SWITCH. 3- PROVISION OF ONE (1) 20A/1P BREAKER IN EXISTING LIGHTING EMERGENCY PANEL 'EE' (LOCATED IN ELECTRICAL ROOM AC246) C/W WIRING AND CONDUIT AS REQUIRED TO FEED THE EMERGENCY LIGHT FIXTURES SHOWN. 4- REMOVAL AND RE-INSTALLATION OF EXISTING WAP. 5- REMOVAL AND RE-INSTALLATION OF FIRE ALARM SPEAKERS AND PROVIDE VERIFICATION REPORT. 6- ALLOCATE FOR NEW 0-10V WIRING TO THE LIGHT SWITCH LOCATIONS. THE NEW LIGHT DIMMER SWITCHES TO BE LUTRON DIVA CONTROLS (CAT.# DVTV) C/W STAINLESS STEEL (SS) COVER PLATE. PROVIDE POWER PACKS (CAT.# PP-347H) AND ALL NECESSARY EQUIPMENT, INCLUDING BUT NOT LIMITED TO ELCU-200, TO ENSURE A FULLY OPERATIONAL AND CODE-COMPLIANT SYSTEM.

01 E2.4 **ALTERNATE PRICE #01: AC213 PROPOSED REFLECTED CEILING PLAN**
1:50

GENERAL NOTES:

1. FOLLOW ALL HEALTH AND SAFETY PROCEDURES AS MANDATED BY UNIVERSITY OF TORONTO EHS DEPARTMENT WHILE WORKING ON SITE (I.E CONFINED SPACES. FALL PROTECTION, PORTABLE LADDERS. ETC) REFER TO http://www.ehs.utoronto.ca/resources/manindex.htm FOR ADDITIONAL INFORMATION.
2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS. HEIGHTS. CONSTRUCTION DETAILS. FINISHES AND COLOURS.
3. SUPPLY AND INSTALL NEW LED LIGHTS COMPLETE WITH CABLE MOUNTING KITS AS PER UTSC SPECIFICATIONS AND ATTACHED LIGHTING LEGEND WHERE INDICATED.
4. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR LIGHT LOCATIONS IN REFERENCE TO THE PROPOSED DUCTING AS SHOWN ON MECHANICAL DRAWINGS.
5. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM LIGHTING PANEL FOR ALL LIGHTING FIXTURES ON NORMAL POWER. ELECTRICAL CONTRACTOR TO USE CIRCUITS FROM EMERGENCY PANEL FOR ALL LIGHTING FIXTURES ON EMERGENCY POWER.
6. NEW EXIT SIGNS TO BE EDGELIT PICTOGRAM RUNNING MAN EXIT SIGNS AND TO BE CONNECTED TO THE NEAREST AVAILABLE SPARE EXIT LIGHTING CIRCUIT. DO NOT OVERLOAD CIRCUIT.
7. ALL EMERGENCY LOADS TO BE FED FROM EMERGENCY PANEL, AND ALL NORMAL LOADS TO BE FED FROM NORMAL PANEL.
8. ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE SHALL REMAIN LIVE AND OPERATIONAL. ELECTRICAL CONTRACTOR TO ENSURE SERVICES TO THESE AREAS ARE ISOLATED AND PROTECTED DURING THE COURSE OF DEMOLITION AND CONSTRUCTION.
9. ELECTRICAL CONTRACTOR SHALL MAINTAIN AND RELOCATE EXISTING SERVICES WHICH PASS THROUGH THE AREA OF RENOVATION OR DEMOLITION. BUT FEEDS ITEMS LOCATED OUTSIDE OF THESE AREAS. REWIRE DEVICES TO ORIGINAL CIRCUITS.
10. PROVIDE JUNCTION BOXES, OUTLET BOXES. WIRING, PLATES AND OTHER ITEMS NECESSARY FOR COMPLETE RELOCATION OF DEVICES. FIXTURES AND EQUIPMENT.
11. CONNECTIONS TO EXISTING SYSTEMS TO BE MADE AT APPROVED TIMES. OBTAIN WRITTEN APPROVAL RECORDING TIMES WHEN CONNECTIONS CAN BE MADE. ARRANGE WORK SO THAT PHYSICAL ACCESS TO EXISTING BUILDINGS IS NOT UNDULY INTERRUPTED. REQUEST FOR SHUT-DOWNS TO BE SUBMITTED IN WRITING BY THE CONTRACTOR WITH A MINIMUM OF TWO-WEEK NOTICE.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED TO EXISTING SYSTEMS WHEN MAKING CONNECTIONS.
13. ALL ELECTRICAL CONDUITS THROUGH WALLS MUST BE COMPLETELY SEALED TO ELIMINATE THEIR POTENTIAL USE AS ROUTES FOR VERMIN OR AEROSOLS.
14. MAXIMUM 6 RECEPTACLES PER CIRCUIT FOR GENERAL USE RECEPTACLES. AND MAXIMUM 4 RECEPTACLES PER CIRCUIT FOR COMPUTER WORK STATION RECEPTACLES. EXACT LOCATION OF ALL NEW AND RELOCATED RECEPTACLES TO BE CONFIRMED ON SITE WITH ARCHITECT.
15. ALL RECEPTACLES IN OTHER AREAS WHERE THEY MAY BE EXPOSED TO WATER MUST BE GROUND FAULT PROTECTED (GFCI) AND HAVE A WHILE-IN-USE ALL-WEATHER COVER. THIS INCLUDES ALL EXISTING RECEPTACLES WITHIN 2 METERS OF SINKS.
16. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE WITH SHOP DRAWINGS. PRIOR TO INSTALLATION.
17. THE POWER FOR SPECIALIZED EQUIPMENT MUST BE SIZED AND INSTALLED ACCORDING TO THE RECOMMENDATIONS OF THE MANUFACTURERS OF THE EQUIPMENT. VERIFY THE EXACT POWER REQUIREMENTS AND RECEPTACLE TYPES FOR SPECIAL EQUIPMENT WITH MANUFACTURER PRIOR TO INSTALLATION.
18. COORDINATE FINAL ELECTRICAL CONNECTION REQUIREMENTS FOR THE EQUIPMENT ON SITE. WITH SHOP DRAWINGS. PRIOR TO INSTALLATION.CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW FOR ALL ELECTRICAL COMPONENTS.
19. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL SUITABLE LABELS ON ALL RECEPTACLES. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION.
20. ELECTRICAL CONTRACTOR TO REVISE AND UPDATE PANELBOARD SCHEDULES AFFECTED BY WORK.
21. WHERE CONDUITS PASS THROUGH FIRE RATED WALLS OR FLOOR. PROVIDE LISTED FIRE STOPPING MATERIAL WHICH BEARS LABEL OF CSA AND ULC AND MAINTAIN SAME FIRE RATING AS THAT OF THE PENETRATED BUILDING COMPONENT.
22. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND EXAMINING ALL CONDITIONS AFFECTING THE PROPOSED INSTALLATION. NO CONSIDERATION WILL BE GIVEN FOR EXTRA COSTS ARISING FROM FAILURE TO VISIT SITE.
23. SUPPLY AND INSTALL NEW RECEPTACLES AS SHOWN. RECEPTACLE COVER PLATES TO BE STAINLESS STEEL. MOUNTING HEIGHTS TO BE CONFIRMED ON SITE. ELECTRICAL CONTRACTOR TO MARK UP OUTLET LOCATIONS AND OBTAIN APPROVAL PRIOR TO INSTALLATION.
24. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL RACEWAY ON CONCRETE AND GLAZED WALLS, WITH PHYSICAL DIVIDER TO ACCOMMODATE BOTH DATA AND POWER WIRING WHERE APPLICABLE. ENSURE RACEWAY IS COMPLETELY SEALED.
25. ALL WIRING TO RUN IN CONDUITS AND ALL CONDUITS TO BE ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE SPECIFIED.
26. PROVIDE CONNECTORS WITH WATERPROOF BUSHINGS AND "O" RINGS WHEN ENTERING OR EXITING FROM TOP OR SIDE OF ELECTRICAL EQUIPMENT.
27. EXPOSED CONDUITS SHALL BE INSTALLED TO CONSERVE HEADROOM AND CAUSE MINIMUM INTERFERENCE IN SPACES THROUGH WHICH THEY PASS.
28. USE RIGID GALVANIZED STEEL CONDUIT WHERE EXPOSED INDOORS IN WET LOCATIONS, AND IN-SERVICE AREAS WHERE SUBJECTED TO MECHANICAL INJURY.
29. USE RIGID PVC CONDUIT UNDERGROUND AND IN EXPOSED INDOOR CORROSIVE AREAS.
30. BEND CONDUIT WITHOUT HEATING. REPLACE CONDUIT IF KINKED OR FLATTENED MORE THAN 1/10TH OF ITS ORIGINAL DIAMETER. A MAXIMUM OF 2 (TWO). 90 DEG. BENDS. OR EQUIVALENT UP TO 180 DEG. WILL BE PERMITTED WITHOUT INSTALLATION OF A PULL BOX. PULL BOXES FOR ELECTRICAL CONDUCTORS SHALL BE INSTALLED AS PER OESC: THE RUN OF CONDUIT OR TUBING BETWEEN DRAWIN POINTS DOES NOT HAVE MORE THAN THE EQUIVALENT OF TWO 90° BENDS WITH MINIMUM RADII OF NOT LESS THAN 0.944M FOR CABLE RATED 1000V OR LESS, AND IS LIMITED TO A MAXIMUM OF 15M FOR A THREE-CONDUCTOR COPPER CABLE; 45M FOR A SINGLE-CONDUCTOR COPPER CABLE; 35M FOR A THREE-CONDUCTOR ALUMINUM CABLE; OR 100M FOR A SINGLE-CONDUCTOR ALUMINUM CABLE.
31. CONDUIT MUST BE INSTALLED SO THAT CONDUCTORS CAN BE DRAWN IN WITHOUT STRAIN OR DAMAGE TO THE CONDUCTORS.
32. WHERE VERTICALLY RUN CONDUITS PASS THROUGH A SLAB. CONTRACTOR TO PROVIDE 100MM HIGH CONCRETE PAD WITH THE PAD EXTENDING 100MM ON ALL SIDES OF THE CONDUIT.
33. USE FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTOR OR VIBRATING EQUIPMENT IN DRY AREAS, CONNECTION TO RECESSED LIGHTING FIXTURES WITHOUT A PREWIRED OUTLET BOX, CONNECTION TO SURFACE OR RECESSED LIGHTING FIXTURES AND WORK IN MOVABLE METAL PARTITIONS.
34. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR CONNECTION TO MOTORS OR VIBRATING EQUIPMENT IN DAMP, WET OR CORROSIVE LOCATIONS. USE ONLY LIQUID TIGHT FITTINGS WHEN USING LIQUID TIGHT FLEXIBLE METAL CONDUIT. LIQUID TIGHT FLEXIBLE CONDUIT TO HAVE A JACKET WITH AN FT6 RATING WHEN USED IN PLENUMS OTHERWISE PROVIDE A MINIMUM FT4 RATING.
35. PROVIDE JUNCTION BOXES, CO-ORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN
36. THE SECURITY SYSTEM INSTALLED MUST MATCH THE EXISTING BUILDING SYSTEM. SUPPLY AND INSTALL HONEYWELL SECURITY DEVICES THAT ARE POE (POWER OVER ETHERNET). ALL POE DEVICES RUN BACK TO IT ROOM. PROVIDE PLENUM RATED CABLES TO RUN THROUGH THE CABLE TRAY. FOR ANY OWNER APPROVED NOT POE DEVICES. RUN CABLES BACK TO MAIN SECURITY PANEL. CONDUIT TO BE INSTALLED FROM DEVICE TO CABLE TRAY.
37. ALL FIRE ALARM CIRCUITS TO RUN BACK TO THE SIEMENS PANEL.
38. ALL NEW INTERIOR FIRE PROTECTION EQUIPMENT SHALL BE ULC LISTED AND FM APPROVED.
39. FIRE DEPARTMENT SHALL BE NOTIFIED PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM AND NOTIFIED AGAIN WHEN THE SYSTEM IS RETURNED TO NORMAL OPERATION. TO BE COORDINATED WITH DCM PROJECT MANAGER 5 DAYS PRIOR TO SHUT DOWN.
40. ELECTRICAL CONTRACTOR TO ALLOW FOR FIRE ALARM PANEL SUPERVISION DURING TIME OF FIRE ALARM BYPASS DURING INSTALLATION.
41. ALL FIRE DETECTION DEVICES TO BE SUPPLIED AND VERIFIED BY SIEMENS CANADA LTD, BUILDING TECHNOLOGIES DIVISION CONTACT GERRY THIBEAULT MOBILE: 416-617-3786 gerry.thibeault@siemens.com.
42. ELECTRICAL CONTRACTOR TO ALLOW FOR THE CONFIRMATION OF CAPACITY OF LOOPS, THE PARTS, PROGRAMMING OF DEVICES , PROGRAMMING OF PANEL, ADDITION OF DEVICES TO SOFTWARE SYSTEM AND VERIFICATION BY SIEMENS.
43. ELECTRICAL CONTRACTOR TO CARRY COMMUNICATIONS SCOPE. COORDINATE ALL COMMUNICATIONS REQUIREMENTS WITH IITS PRIOR TO INSTALLATION AND TERMINATION. FIBER CABLE MUST NOT BE FREE AIR AND MUST BE INSIDE AN ORANGE INNER DUCT FOR THE WHOLE LENGTH OF THE CABLE.

UNIVERSITY OF TORONTO SCARBOROUGH
DESIGN & CONSTRUCTION MANAGEMENT
1265 Military Trail
Toronto Ontario
M1C 1A4

NO.	DATE	REVISION/ISSUE	BY
01	2025-06-10	ISSUED FOR PERMIT / TENDER	SE

Notes:
All dimensions and information shall be checked and verified on the site and any discrepancies must be reported to the UofT Project Manager or the UofT Project Coordinator before commencing the work. Drawings are not to be scaled.

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CLIENT:
OFFICE OF THE VICE PRINCIPAL ACADEMIC & DEAN, UNIVERSITY OF TORONTO SCARBOROUGH
1265 MILITARY TRAIL, TORONTO ONTARIO, M1C 1A4

PROJECT #:
DCM2025-04

PROJECT TITLE:
INTERIOR RENOVATION OF AC213 SUITE, GRADUATE STUDENT WORKSPACE

ACADEMIC RESOURCE CENTRE, 1265 MILITARY TRAIL

DRAWN BY: SE
CHECKED BY: HY

DRAWING TITLE:
ALTERNATE PRICE
2ND FLOOR- PROPOSED
REFLECTED CEILING PLAN

DATE: 2025-06-10
DRAWING No: E2.4
SCALE: AS NOTED