

# SIMCOE VILLAGE RENOVATIONS PHASE 2 - 2019

TENDER NO. XXX



**Moffet & Duncan Architects Inc.**  
5052 DUNDAS STREET WEST, TORONTO, ONTARIO M9A 1B9

**Ravens Engineering Inc.**  
Structural Consultants

**D.E.I. & Associates Inc.**  
Mechanical & Electrical Engineers

**ARCHITECTURAL DRAWINGS**

A1.0	KEY PLAN, SITE PLAN, CANOPY PLANS AND ELEVATION
A1.1	CANOPY SECTION, DETAILS
A2.1	KEY PLANS, BASEMENT AND FIRST FLOOR DEMO AND RENOVATION PLANS
A2.2	SECOND FLOOR DEMOLITION AND RENOVATION PLANS
A3.0	SCHEDULES, DOOR AND FRAME TYPES
A4.0	SECOND FLOOR REFLECTED CEILING PLANS
A5.0	WASHROOM DETAILS, INTERIOR ELEVATIONS, MILLWORK DETAILS

**STRUCTURAL DRAWINGS**

S1	CANOPY FOUNDATION, FRAMING PLAN, SECTIONS
S2	TYPICAL DETAILS, GENERAL NOTES

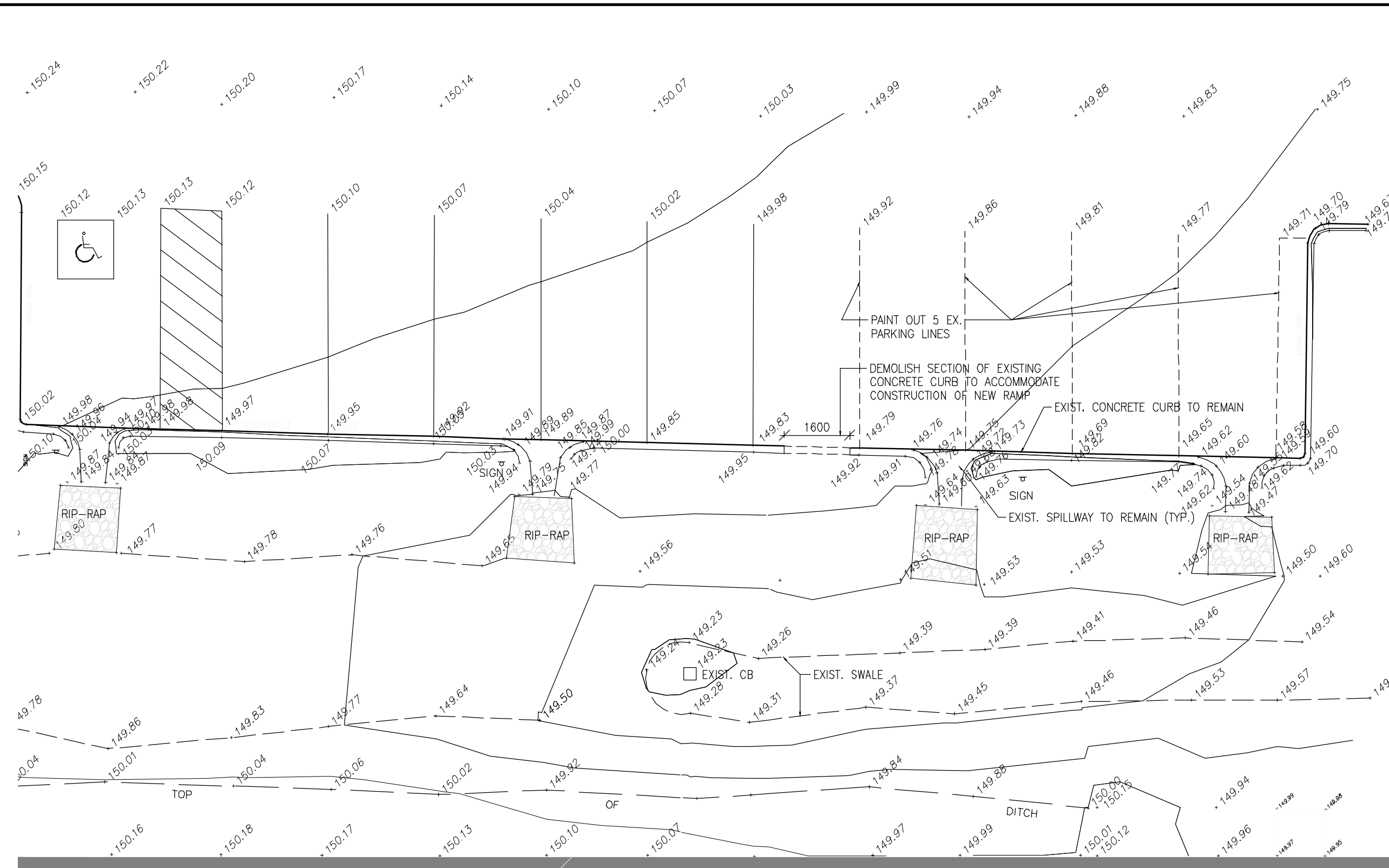
**MECHANICAL DRAWINGS**

M1.1	LEGEND, SCHEDULE, SEPARATE PRICE PLANS AND DETAILS
M2.1	BASEMENT AND FIRST FLOOR DEMOLITION AND RENOVATION PART PLANS
M2.2	SECOND FLOOR DEMOLITION AND RENOVATION PART PLANS
M3.1	FIRE PROTECTION PART PLANS
M4.1	MECHANICAL SPECIFICATION

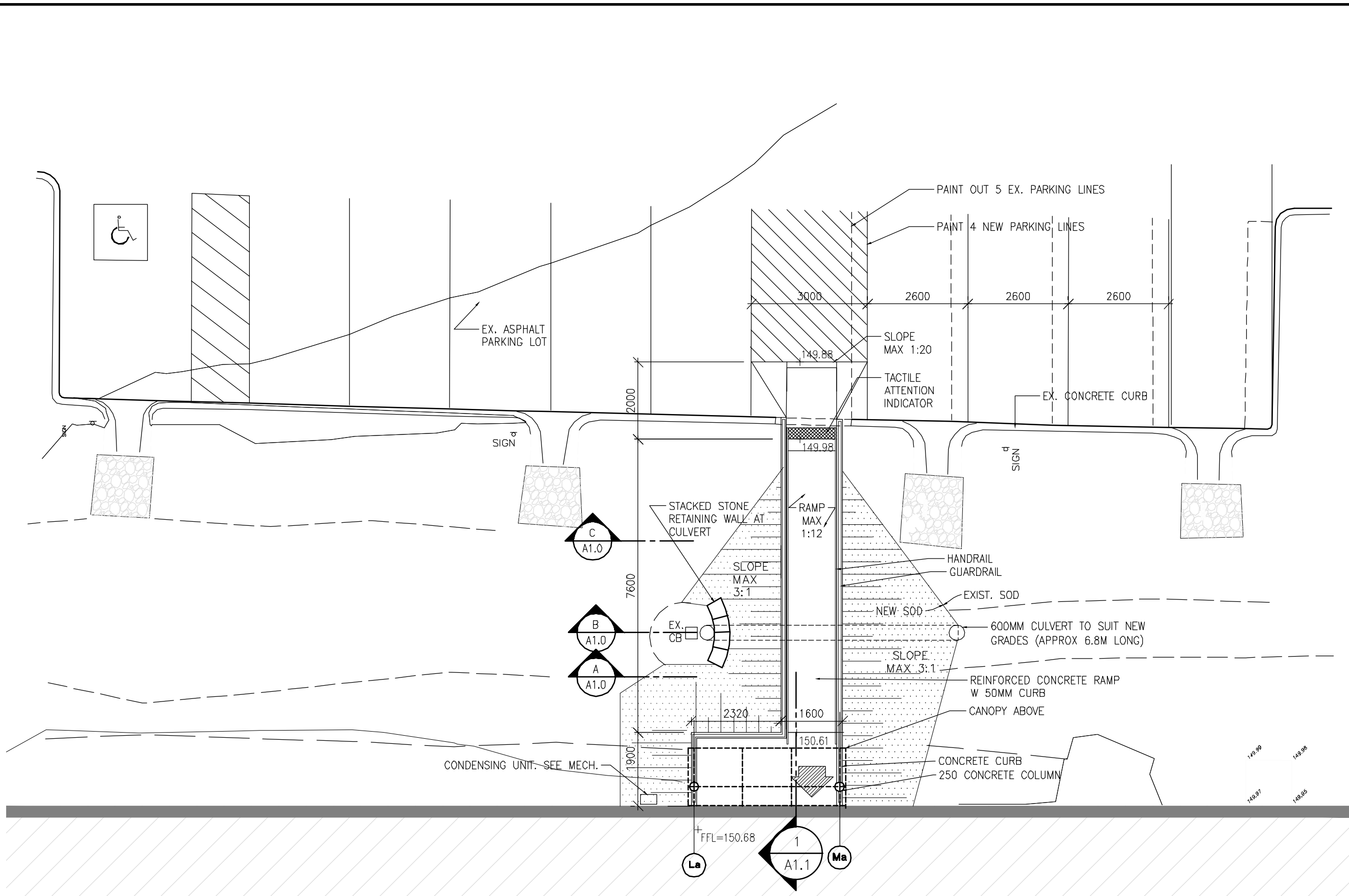
**ELECTRICAL DRAWINGS**

E1.1	LEGEND, SCHEDULE AND DETAILS
E2.1	BASEMENT AND FIRST FLOOR DEMOLITION AND RENOVATION PART PLANS
E3.1	SECOND FLOOR DEMOLITION PART PLAN
E4.1	SECOND FLOOR RENOVATION PART PLAN

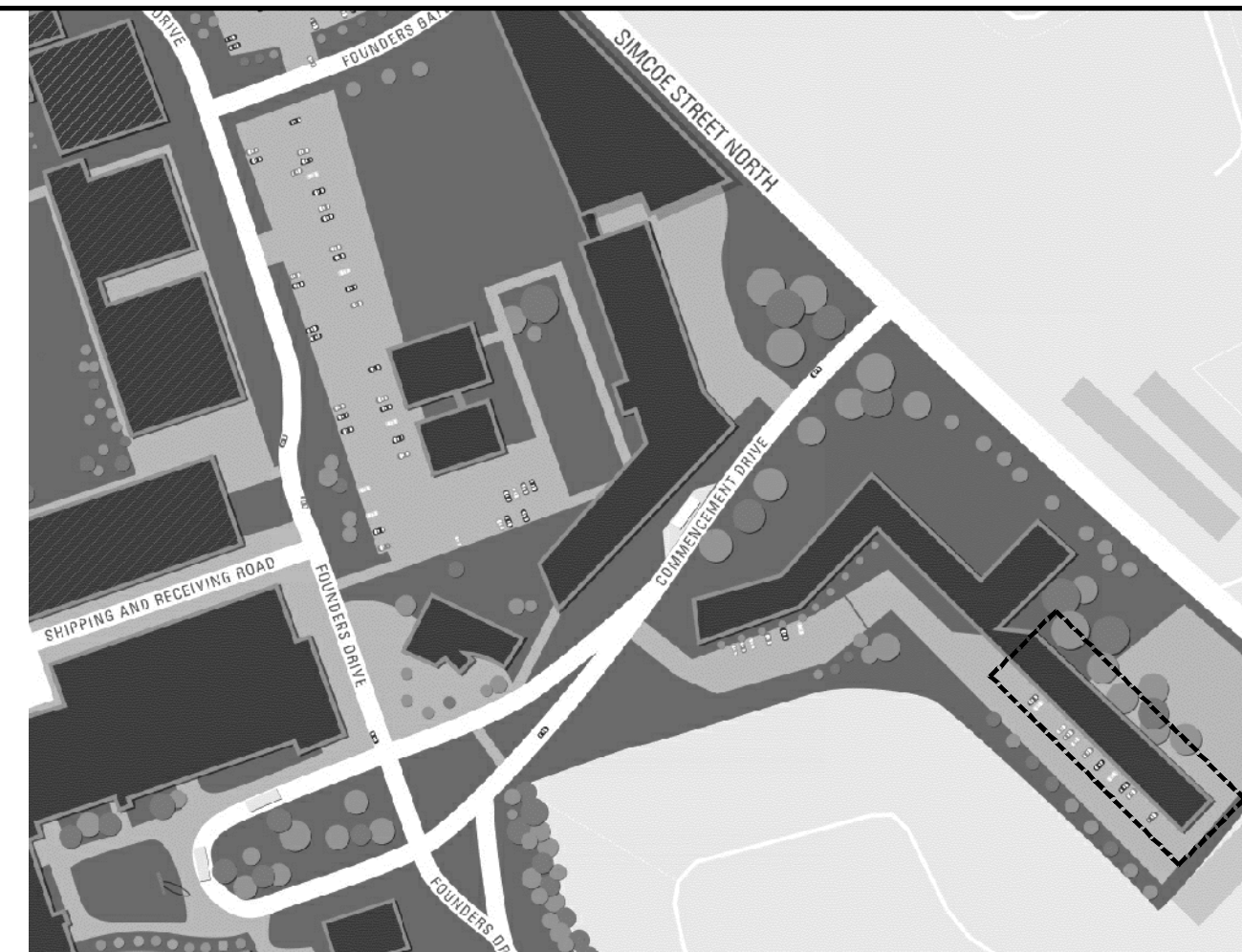




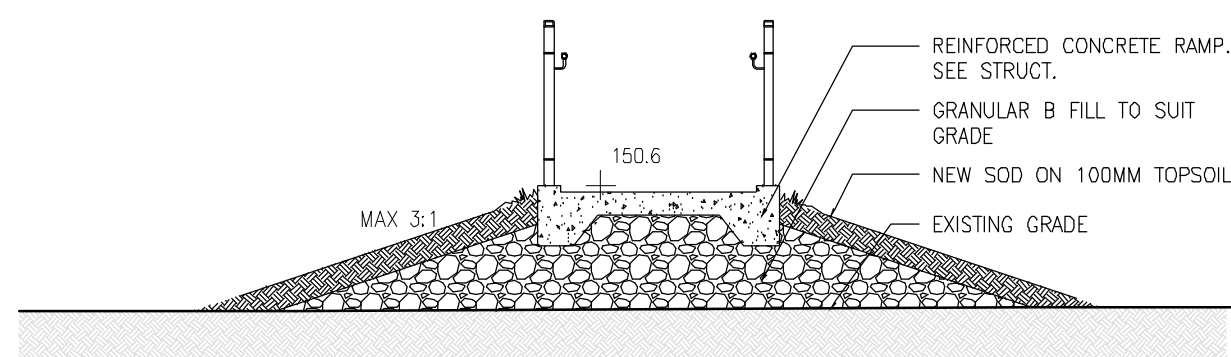
**1** PART DEMOLITION SITE PLAN AT LOCATION OF NEW ENTRANCE  
SCALE 1:100



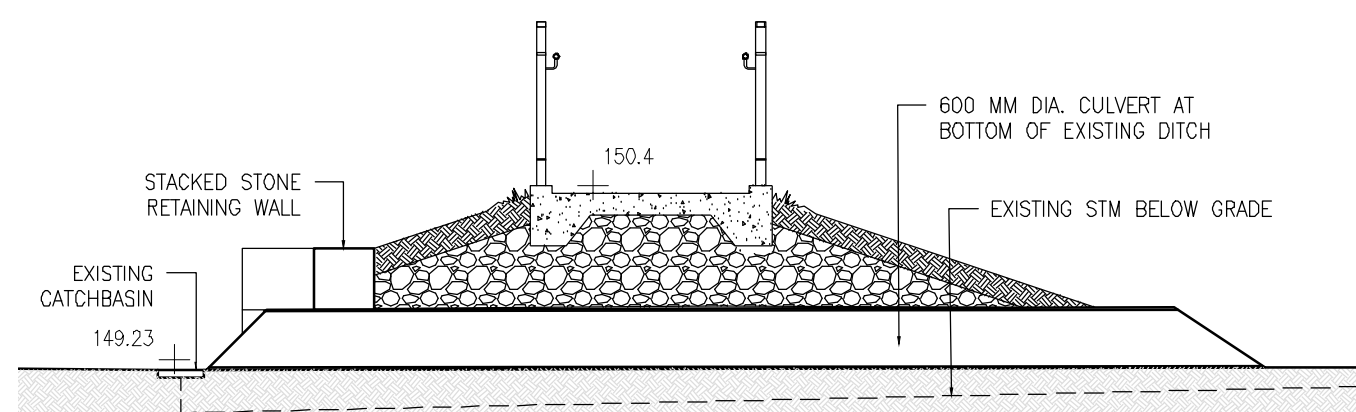
**2** SITE PLAN AT NEW ENTRANCE  
SCALE 1:100



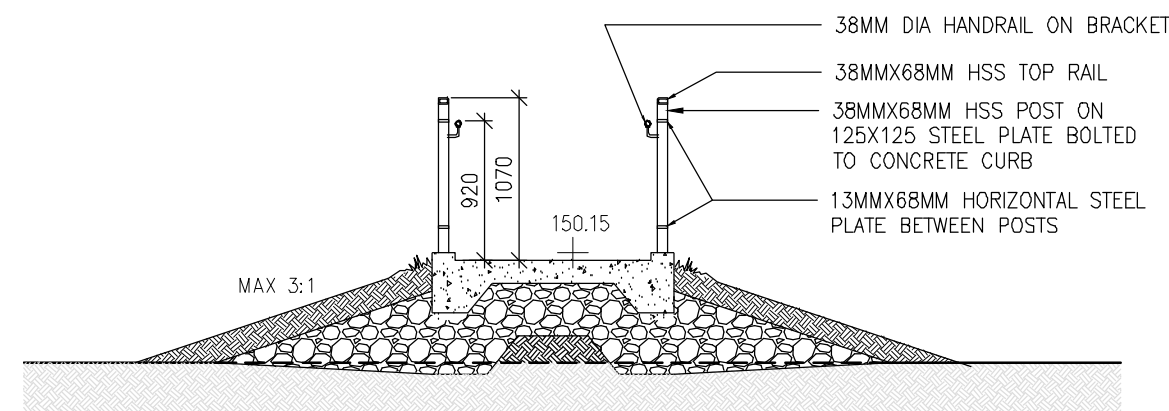
KEY PLAN N.T.S.



**A** SECTION THROUGH RAMP

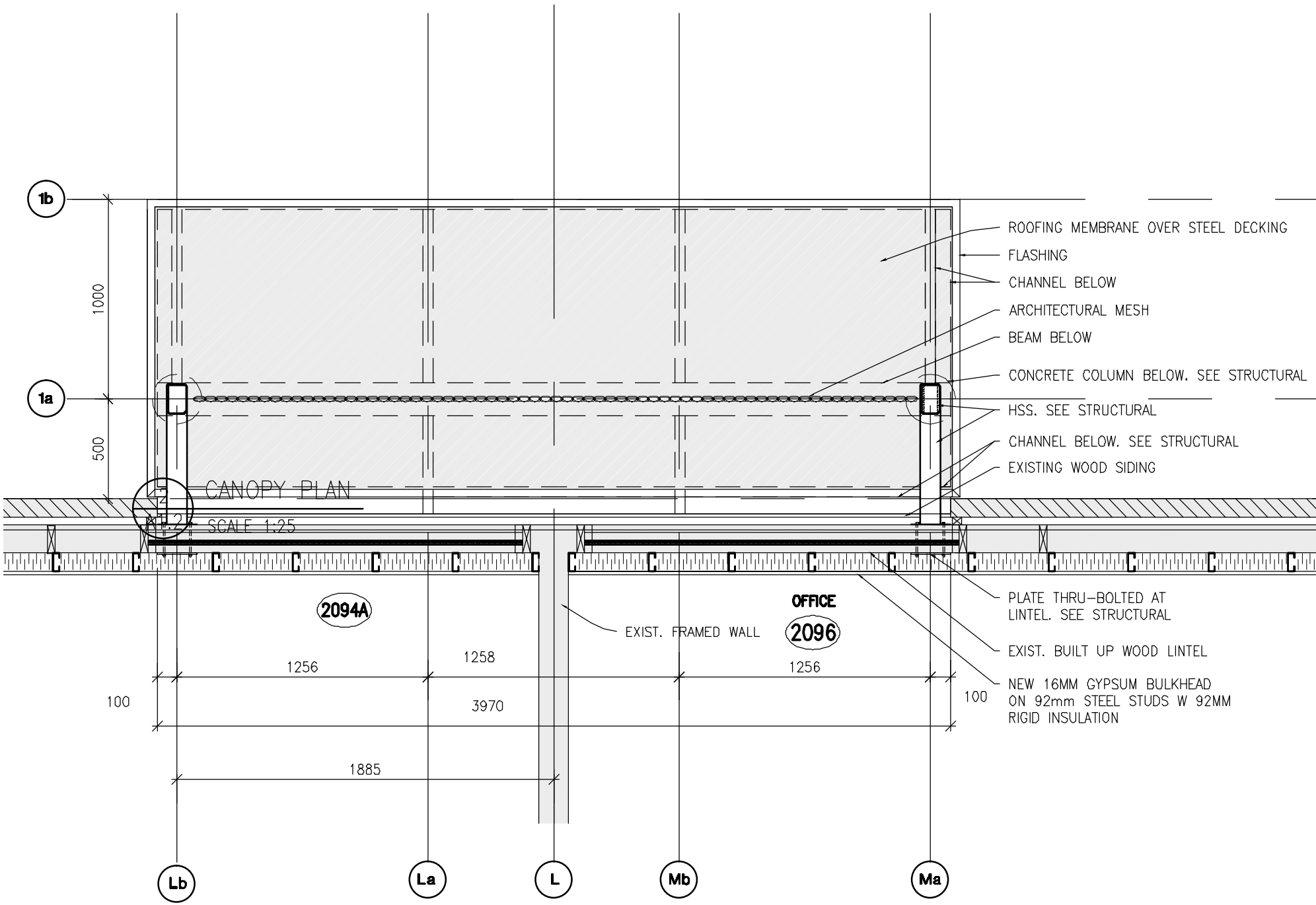


**B** SECTION THROUGH RAMP AT CULVERT

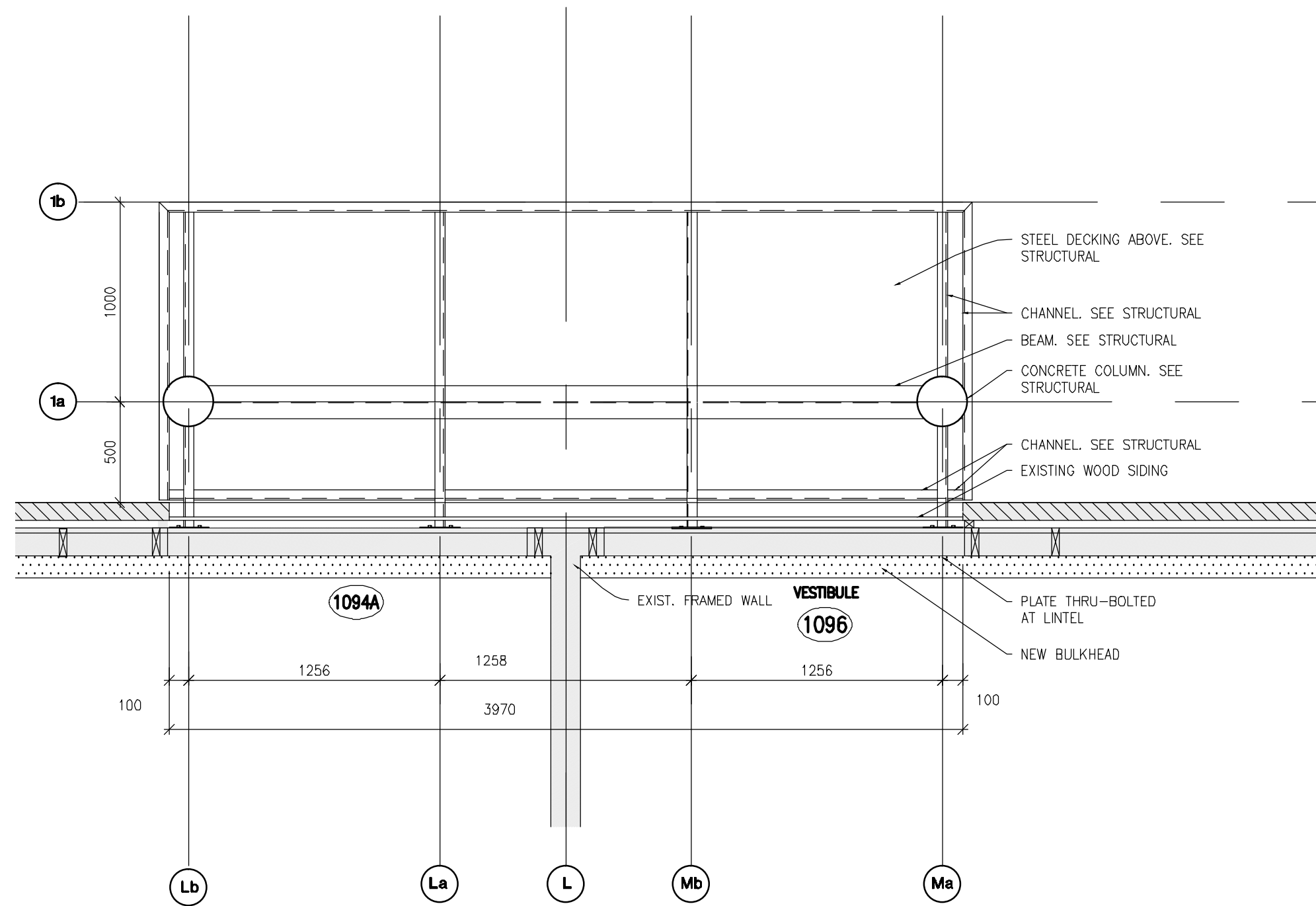


**C** SECTION THROUGH RAMP

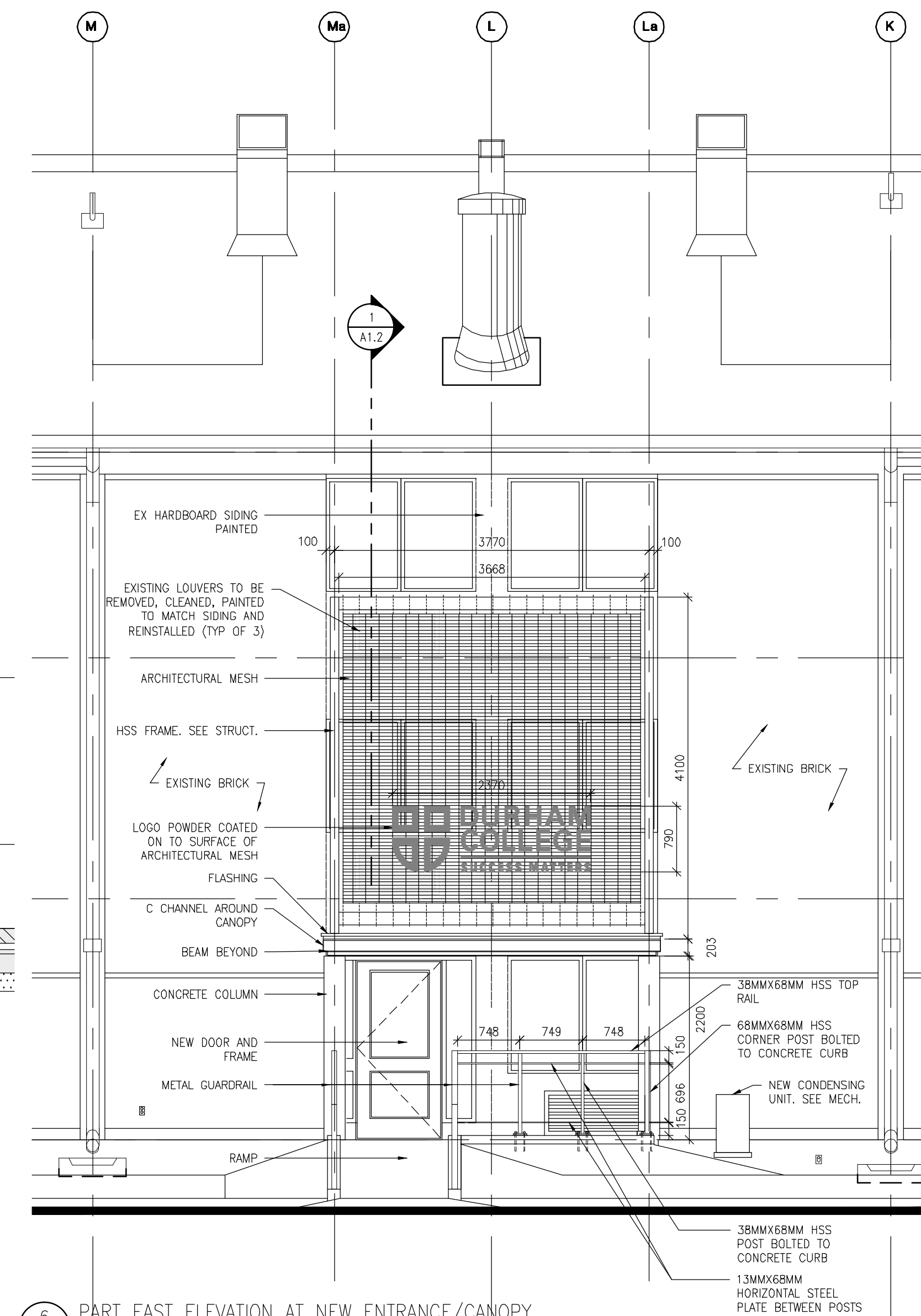
**3** RAMP SECTIONS  
SCALE 1:50



**4** REFLECTED CEILING PLAN AT CANOPY  
SCALE 1:25



**5** REFLECTED CEILING PLAN AT CANOPY  
SCALE 1:25

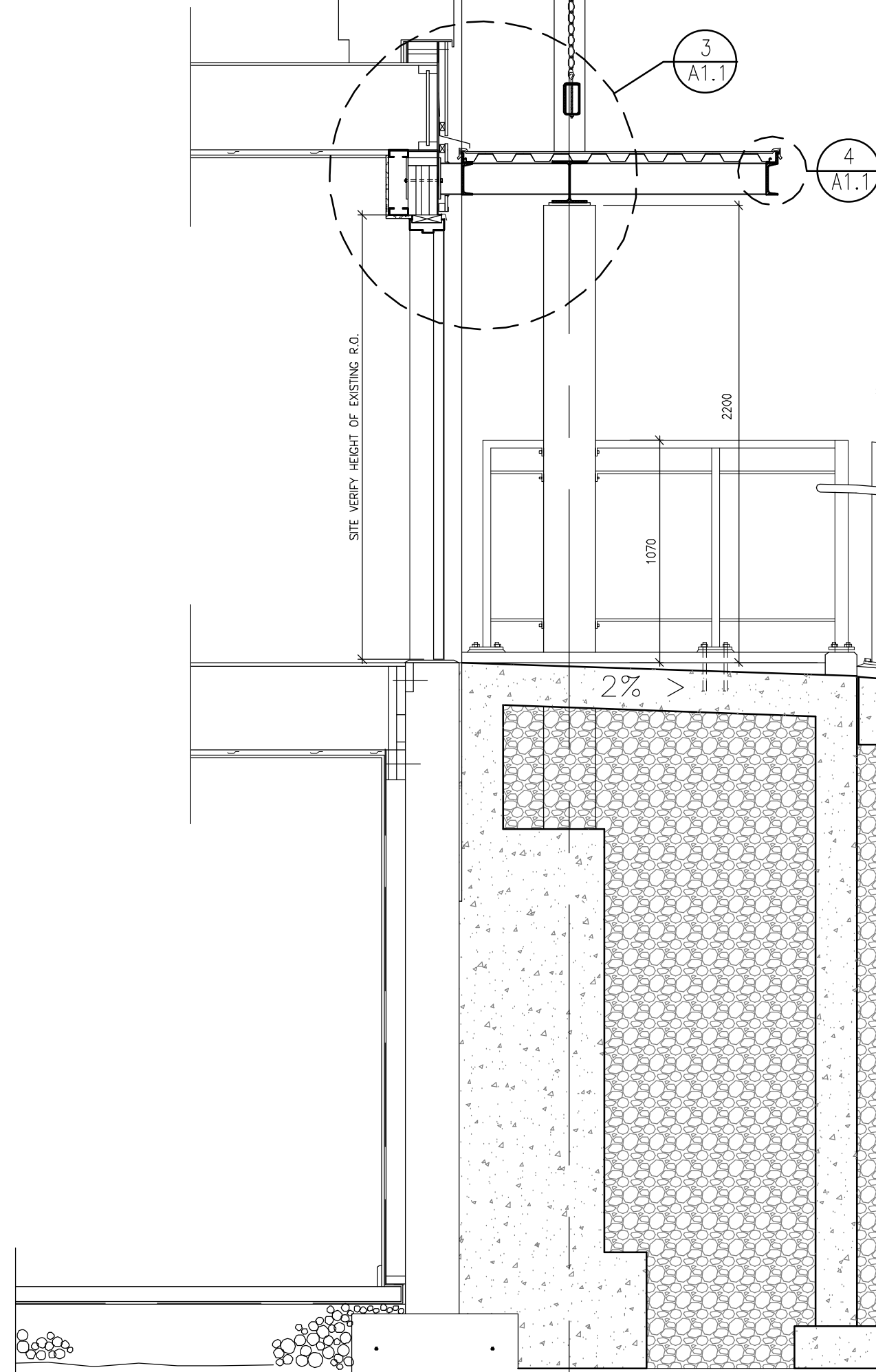
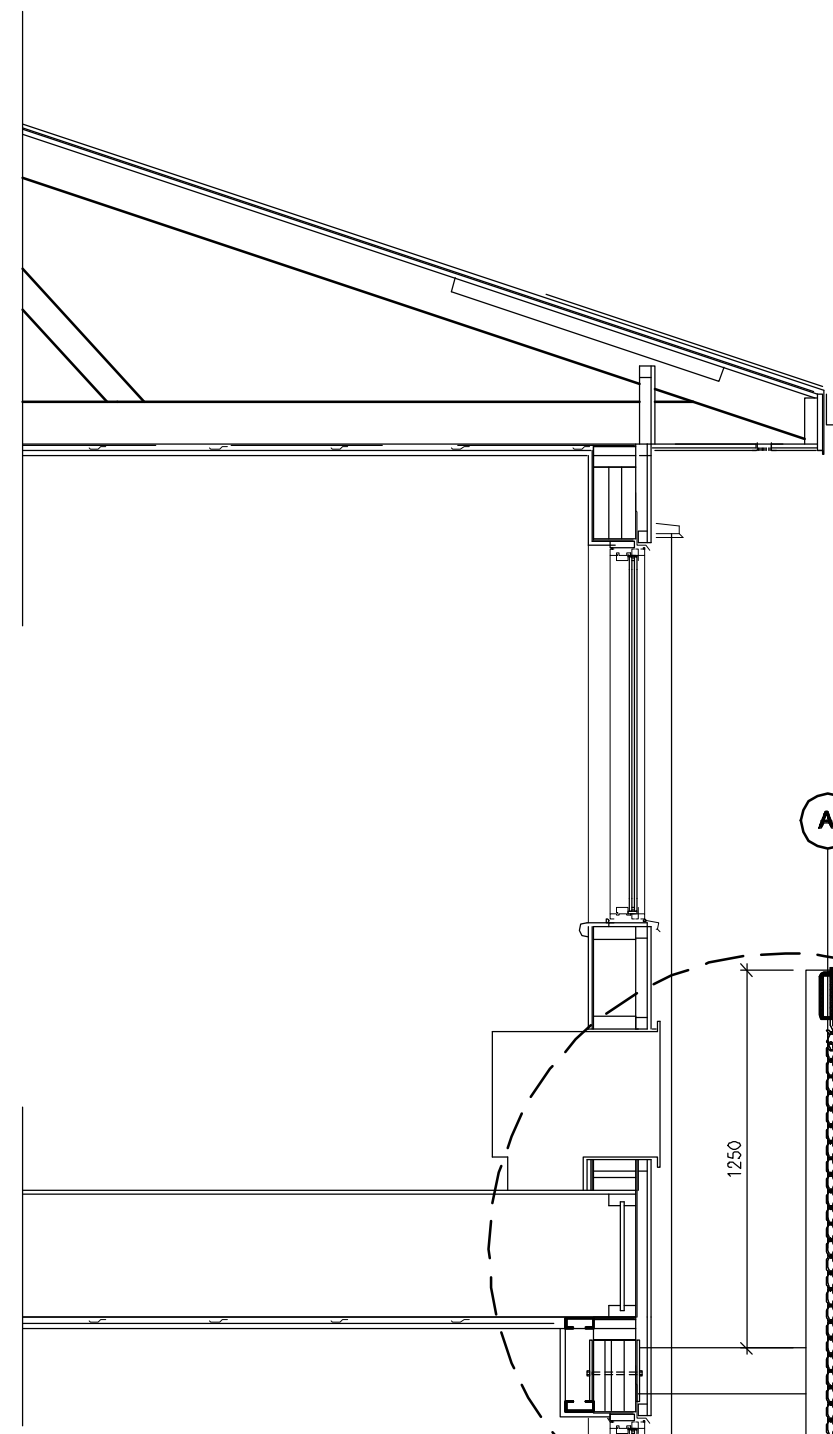


**6** PART EAST ELEVATION AT NEW ENTRANCE/CANOPY  
SCALE 1:50

DATE	ISSUED FOR TENDER	ISSUED FOR OWNERS REVIEW	REVISIONS
DEC 12, 2018	ISSUED FOR TENDER	NOV 30, 2018	ISSUED FOR OWNERS REVIEW
<b>SIMCOE VILLAGE RENOVATIONS PHASE 2 2019</b> 1090 SIMCOE STREET NORTH OSHAWA, ONTARIO			
<b>DURHAM COLLEGE</b> SUCCESS MATTERS			
DRAWING			
KEY PLAN, SITE PLAN, CANOPY PLAN AND ELEVATION			
ONTARIO ASSOCIATION OF ARCHITECTS KEN MACDONALD LICENCE 4751		TRUE NORTH DWG. NORTH	JOB NO.
1910		SCALE	AS NOTED
DATE NOVEMBER 2018		PRINTED	December 12, 2018
DWG. NO.		<b>A1.0</b>	

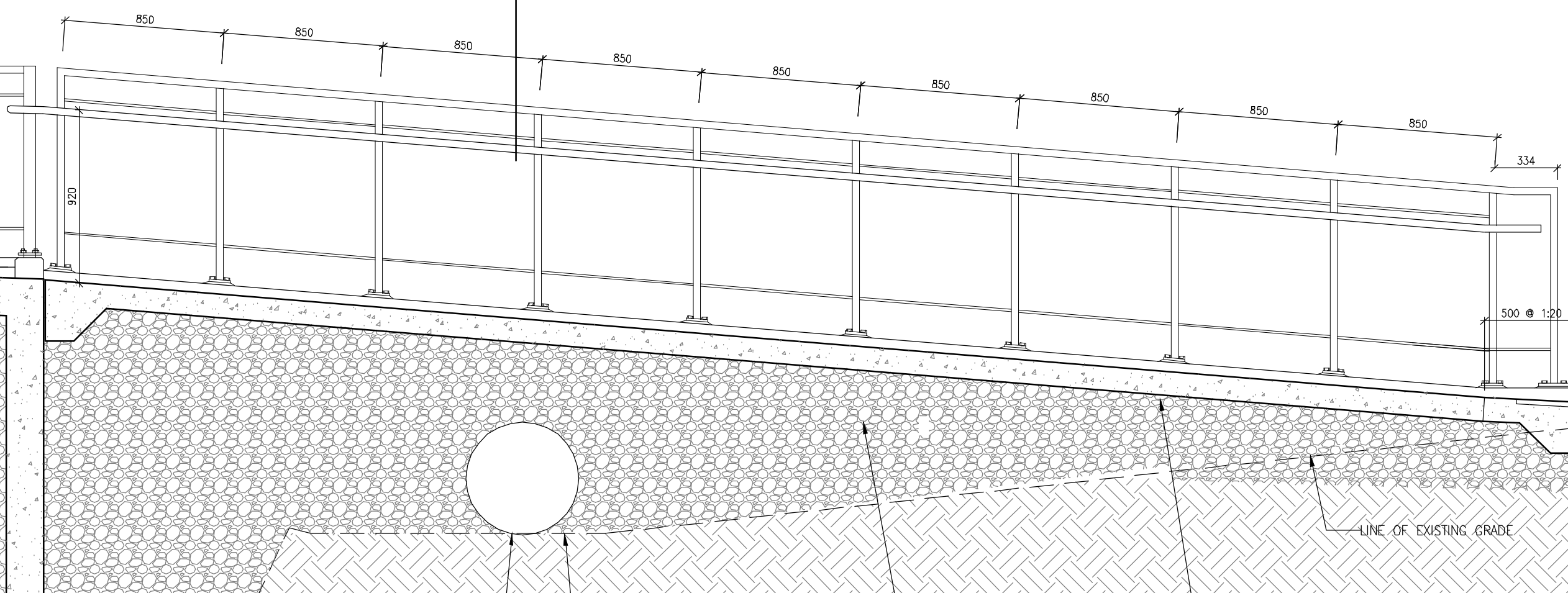
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1 CANOPY SECTION  
A1.1  
SCALE 1:25

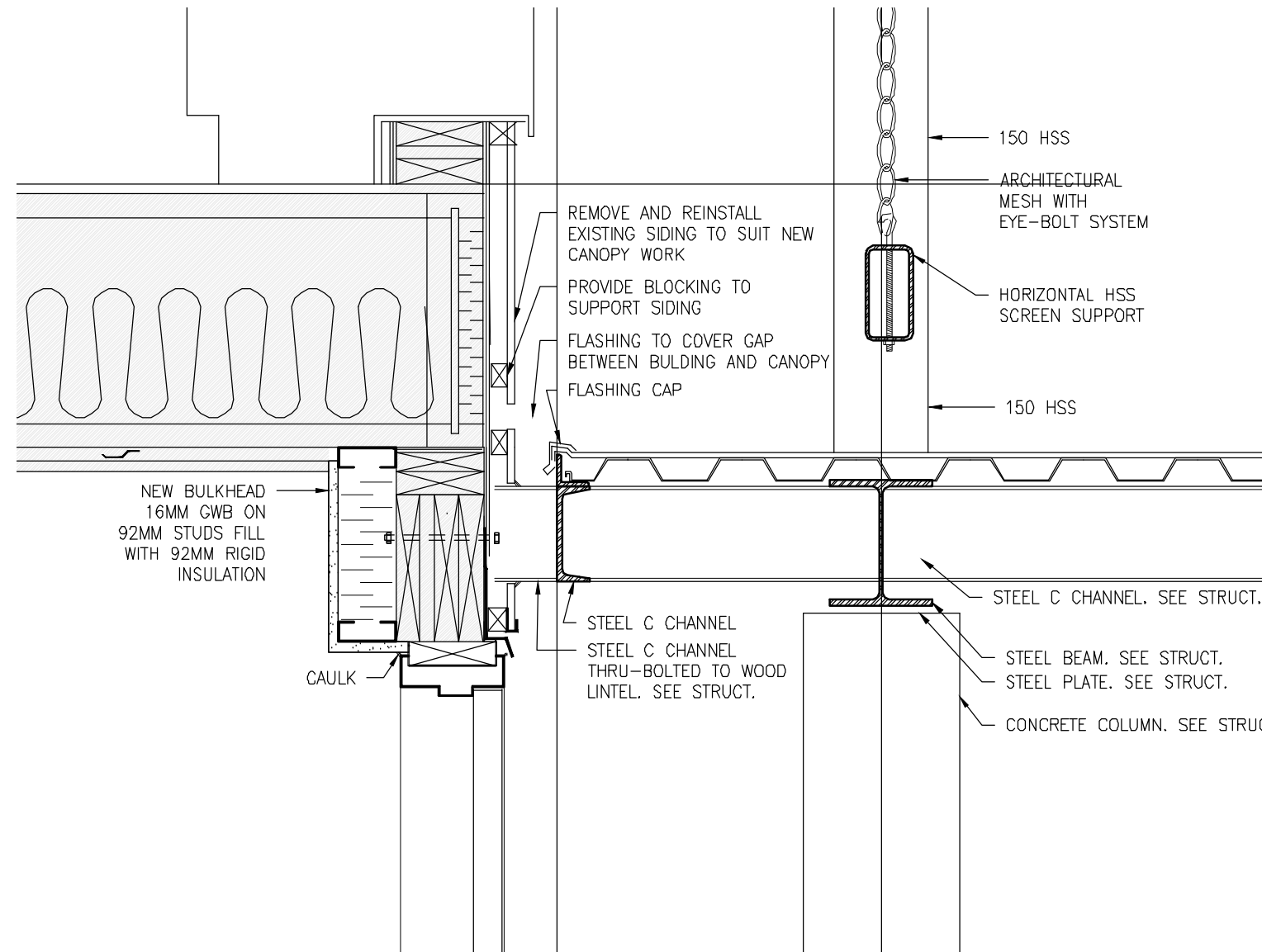
3b  
A1.0



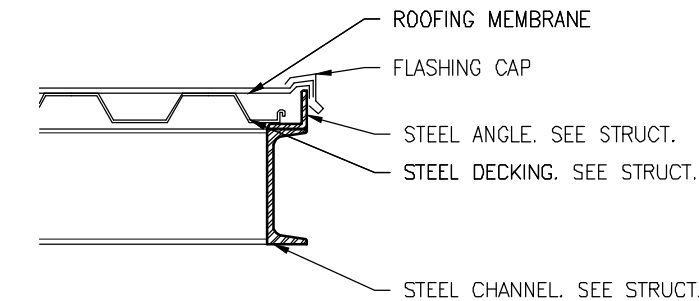
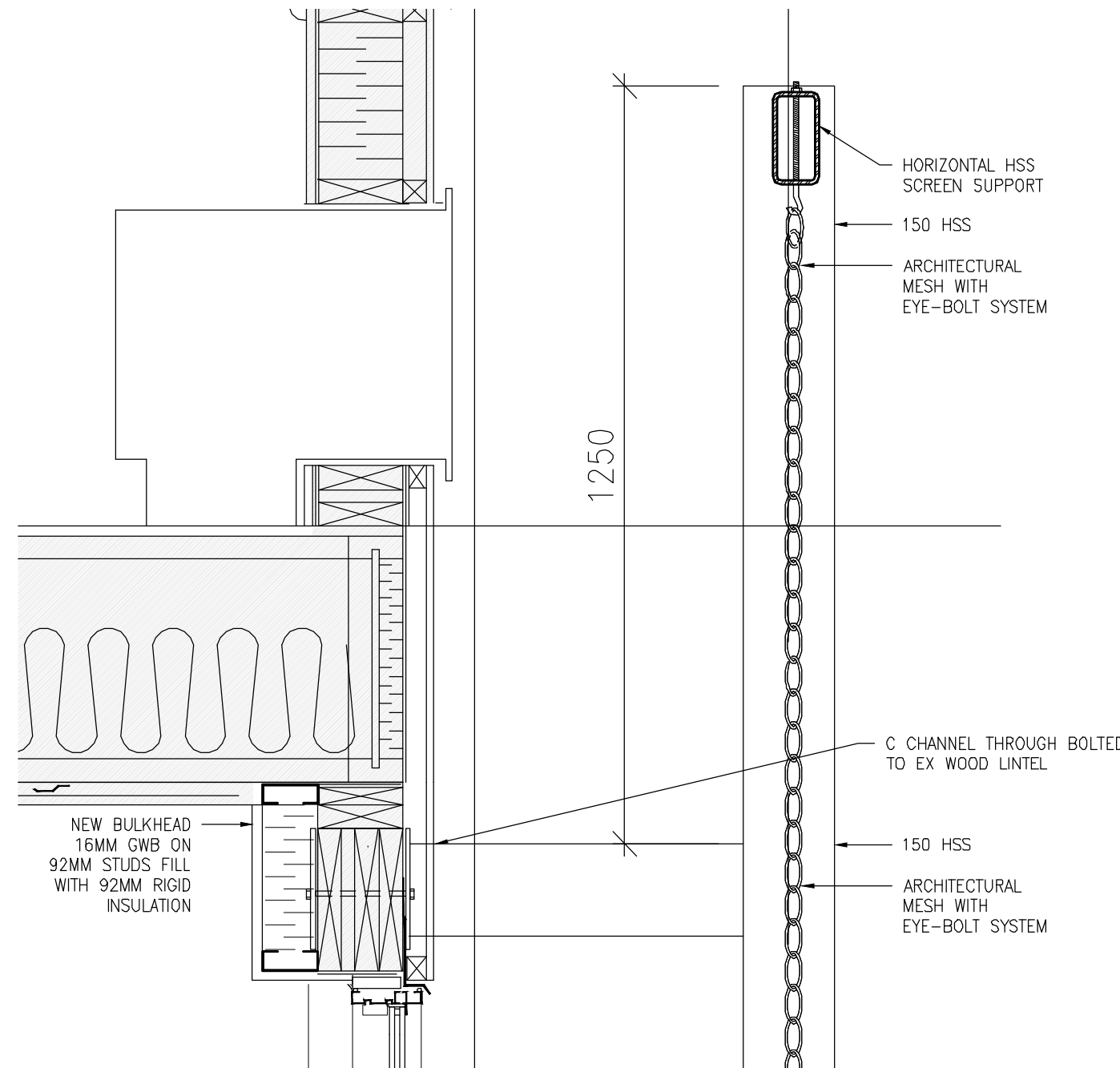
NEW 600MM CULVERT  
BOTTOM OF EXISTING SWALE  
COMPACTED BASE (GRANULAR B)  
REINFORCED CONCRETE RAMP

BUILT UP ASPHALT RAMP TO  
MEET CONCRETE RAMP  
1:20 >  
EXISTING  
PARKING LOT



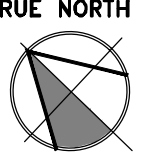
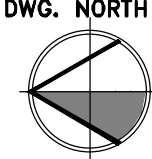
3 DETAIL AT CANOPY  
A1.1  
SCALE 1:10



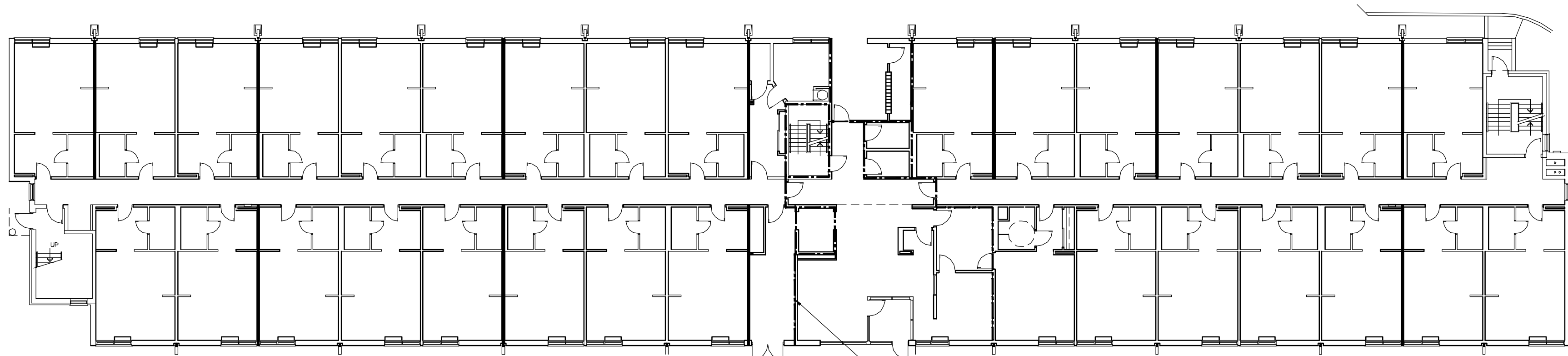
2 DETAIL AT CANOPY  
A1.1  
SCALE 1:10



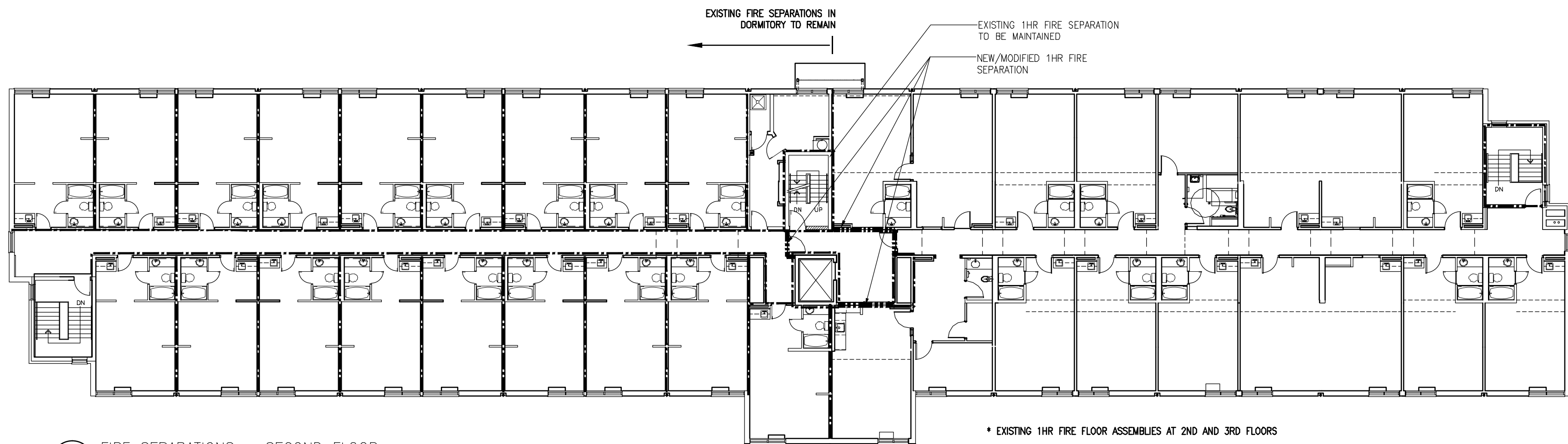
4 DETAIL AT CANOPY  
A1.1  
SCALE 1:10

DEC 12, 2018		ISSUED FOR TENDER	
DATE		REVISIONS	
<div>SIMCOE VILLAGE RENOVATIONS PHASE 2 2019 1090 SIMCOE STREET NORTH OSHAWA, ONTARIO</div> <div>DURHAM COLLEGE SUCCESS MATTERS</div>			
		DRAWING	
CANOPY SECTION, DETAILS			
 <p>ONTARIO ASSOCIATION OF ARCHITECTS <i>KEN MACSPORRAN</i> LICENCE 4751</p>	 TRUE NORTH		 DWG. NORTH
	1910		JOB NO.
	AS NOTED		SCALE
	NOVEMBER 2018		DATE
	December 12, 2018		PRINTED
		DWG. NO.	
<div><b>A1.1</b></div>			



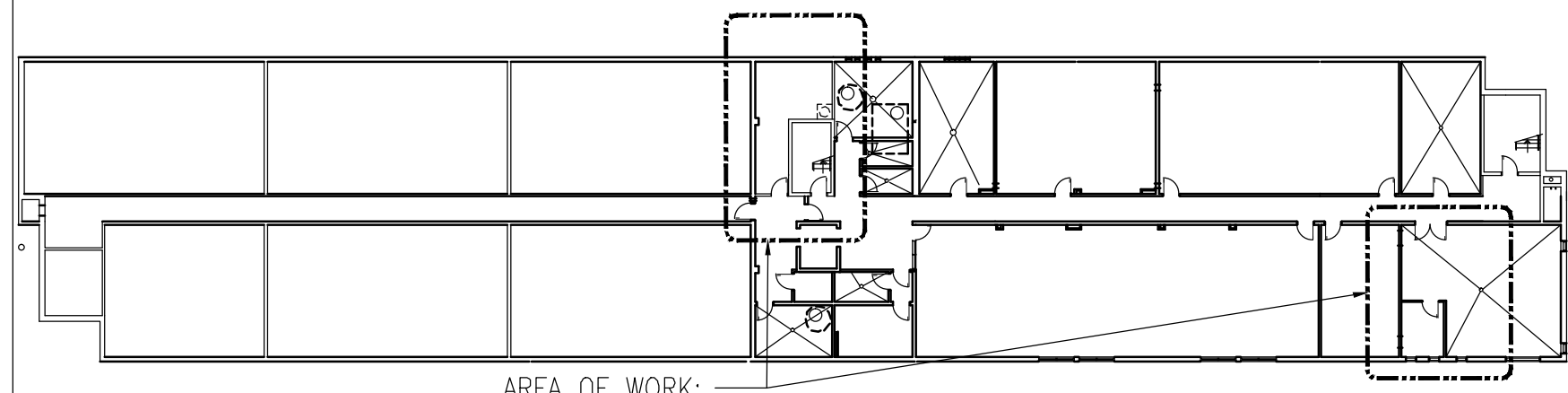


1 FIRE SEPARATIONS – FIRST FLOOR  
A2.1  
SCALE 1:200

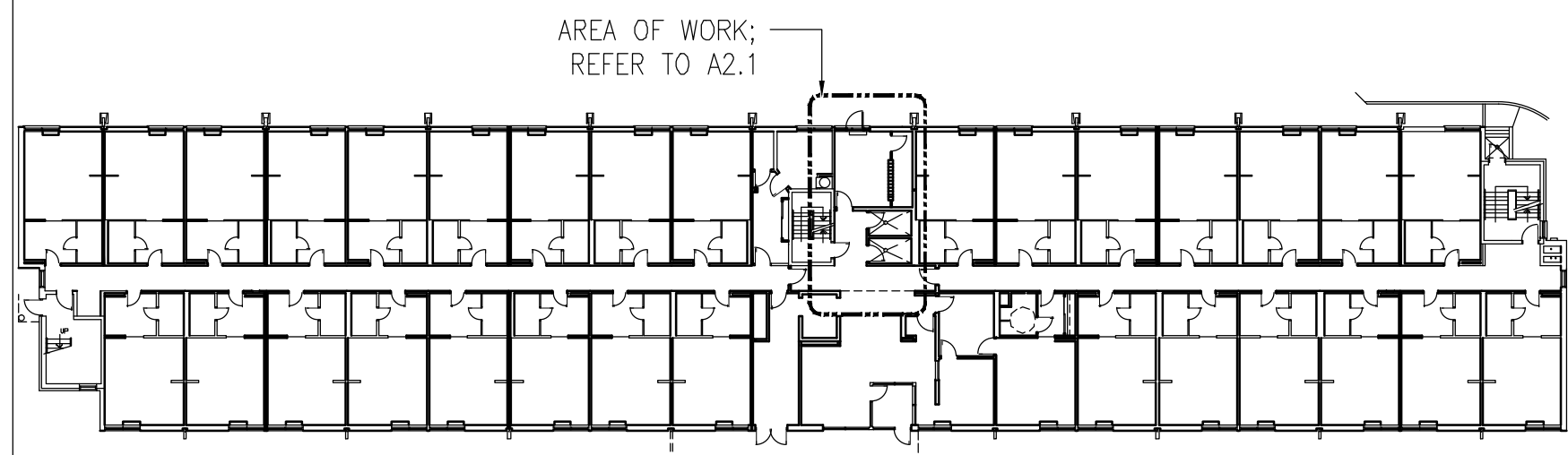


2 FIRE SEPARATIONS – SECOND FLOOR  
A2.1  
SCALE 1:200

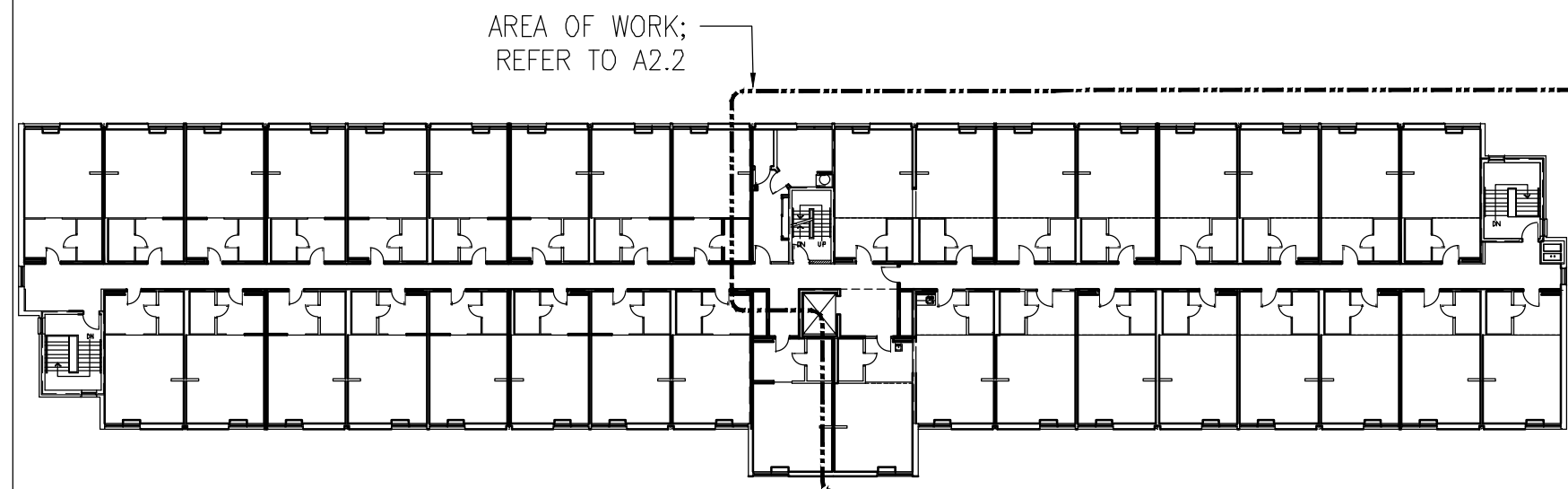
Ontario Building Code Data Matrix – Part 11 – Renovation of Existing Building				OBC Reference
11.00 Building Code Version:	O. Reg. 332/12		Last Amendment: O. Reg. 191/14	
11.01 Project Type:	<input type="checkbox"/> Addition <input type="checkbox"/> Change of Use <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Addition and renovation Description: INTERIOR RENOVATION ON 2ND FLOOR, SOUTH END AND CREATION OF NEW ENTRANCE ON 1ST FLOOR			[4]1.1.2
11.02 Major Occupancy Classification:	Occupancy: Unit Classification: C Description: DORMITORY (EXISTING) Office			3.1.2.1.(1)
11.03 Superimposed Major Occupancies:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Description:			3.2.2.7
11.04 Building Area (m <sup>2</sup> ):	Description: Existing: 1634 M <sup>2</sup> New: 1634 M <sup>2</sup> Total: 1634 M <sup>2</sup>			[4]1.4.1.2
11.05 Building Height:	3 Storeys above grade 12.2 (m) Above grade 1 Storeys below grade			[A]1.4.1.2 & 5.2.1.1
11.06 Number of Streets/Firefighter access:	1 Streets			3.2.2.10 & 3.2.5
11.07 Building Size:	<input type="checkbox"/> Small <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Large <input type="checkbox"/> > Large			T.11.2.1.B, -N
11.08 Existing Building Classification:	Change in major occupancy: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not Applicable (no change of major occupancy) Construction Index: 4 Importance Category: <input type="checkbox"/> Low <input checked="" type="checkbox"/> Normal <input type="checkbox"/> High <input type="checkbox"/> Past-disaster			11.2.1.1 T.11.2.1.1A T.11.2.1.1B to N 4.2.1.(3) 5.2.2.1.(2)
11.09 Renovation type:	Basic Renovation <input checked="" type="checkbox"/> Extensive Renovation <input type="checkbox"/>			11.3.3.1 11.3.3.2
11.10 Occupant Load:	Floor Level/Area Occupancy Type Based On Occupant Load (Persons) 1 NORTH C OCCUPANT COUNT 34 1 SOUTH D OCCUPANT COUNT 30 2 NORTH C OCCUPANT COUNT 34 2 SOUTH D OCCUPANT COUNT 30 3 C OCCUPANT COUNT 34			3.1.17
11.11 Plumbing Fixture Requirements:	Ratio: M/F = 1/1 Except as otherwise noted Floor Level/Area Occupant Load OBC Reference Fixtures Required Fixtures Provided 2 SOUTH 30 3.7.4 4 11			3.7.4
11.12 Barrier-free Design:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Explanation:			11.3.3.2.(2)
11.13 Reduction in Performance Level:	Structural: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) By increase in occupant load: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) By change in major occupancy: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) Plumbing: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) Sewage-system: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) Extension of Combustible Construction: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe)			11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5 11.4.2.6
11.14 Compensating Construction:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Structural: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) Increase in occupant load: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) Change in major occupancy: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) Plumbing: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) Sewage-system: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe) Extension of Combustible Construction: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Describe)			11.4.3.1 11.4.3.2 11.4.3.3 11.4.3.4 11.4.3.5 11.4.3.6 11.4.3.7
11.15 Compliance Alternatives Proposed:	<input type="checkbox"/> NO <input type="checkbox"/> YES (List numbers and describe) (List numbers and describe)			11.5.1
11.16 Notes:				11.5.1



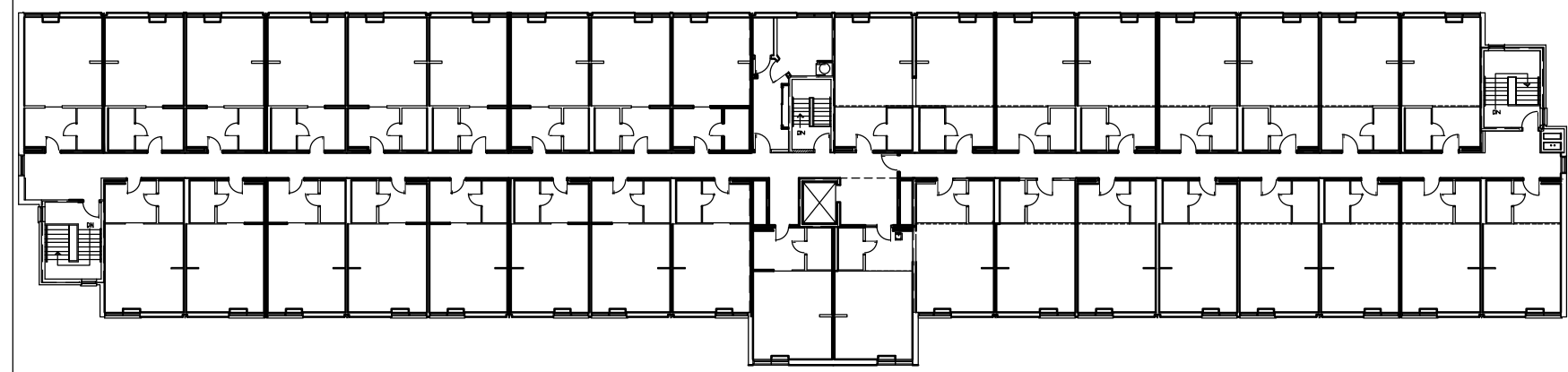
BASEMENT KEY PLAN 1:400



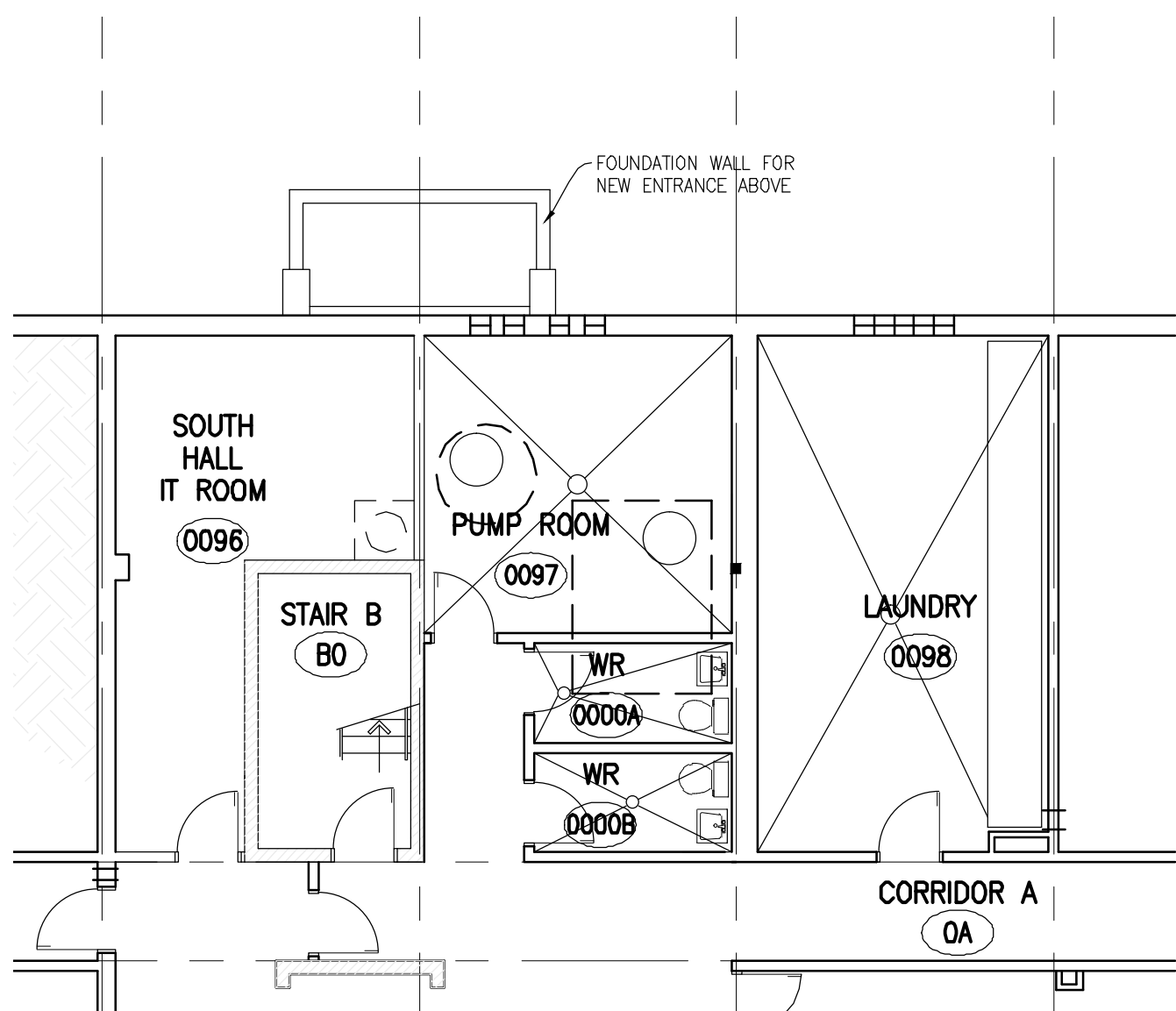
FIRST FLOOR KEY PLAN 1:400



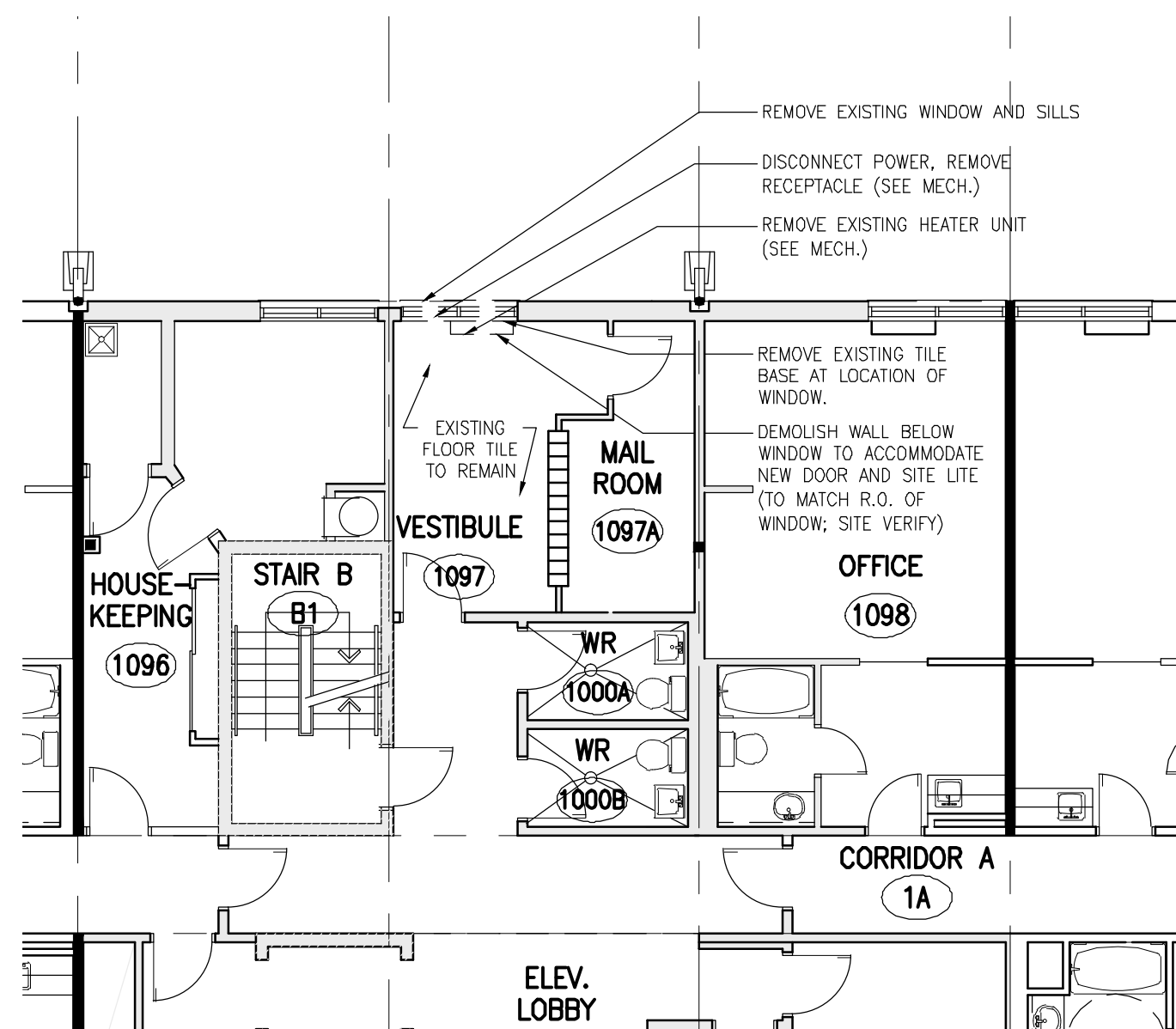
SECOND FLOOR KEY PLAN 1:400



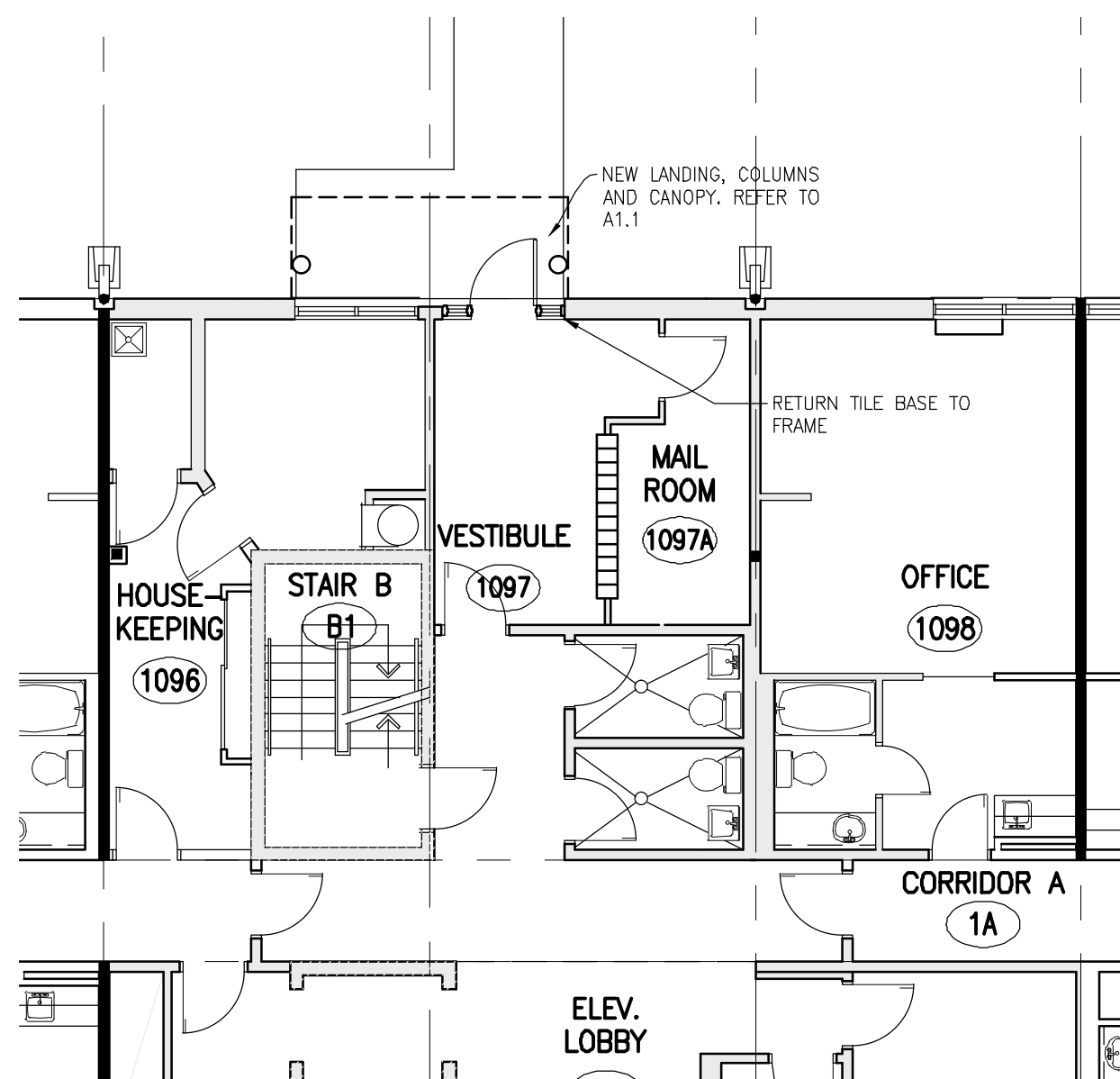
THIRD FLOOR KEY PLAN 1:400



1 PARTIAL BASEMENT PLAN  
A2.1  
SCALE 1:100



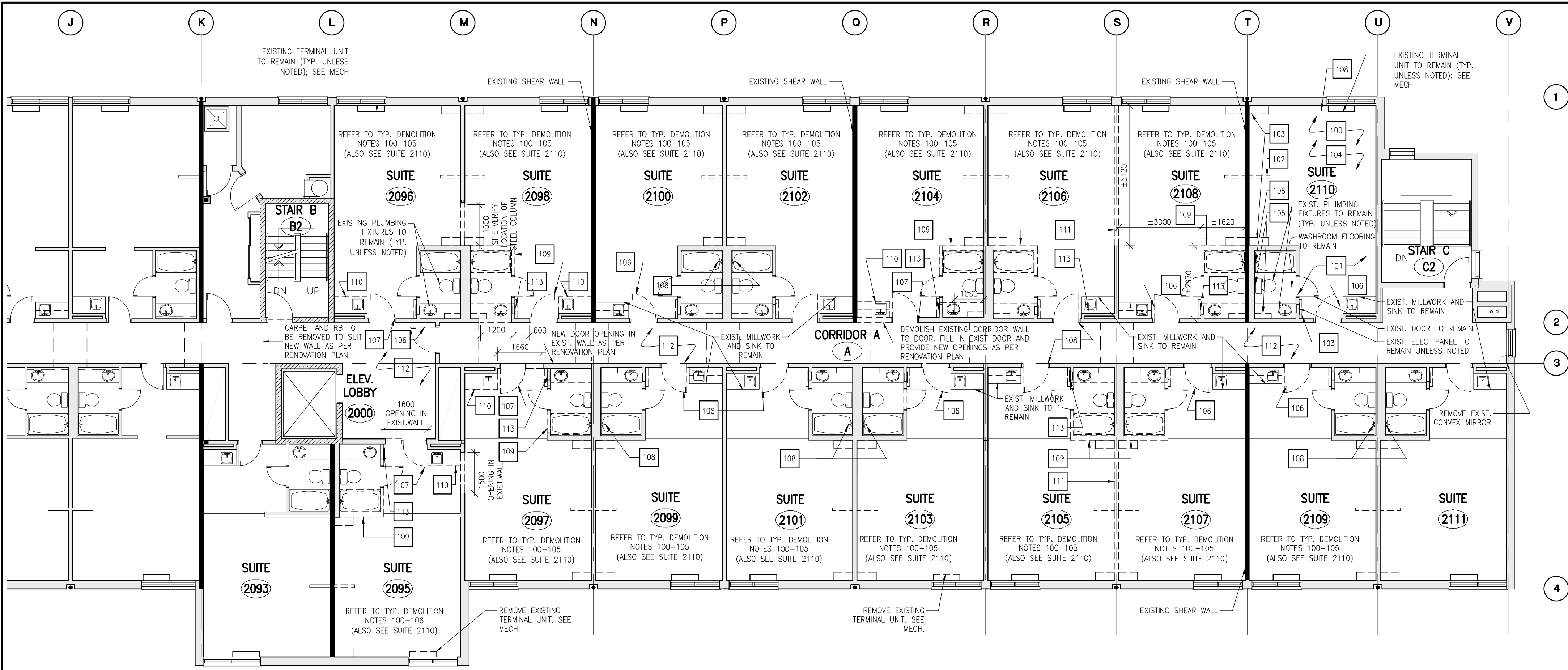
2 FIRST FLOOR DEMOLITION PLAN  
A2.1  
SCALE 1:100



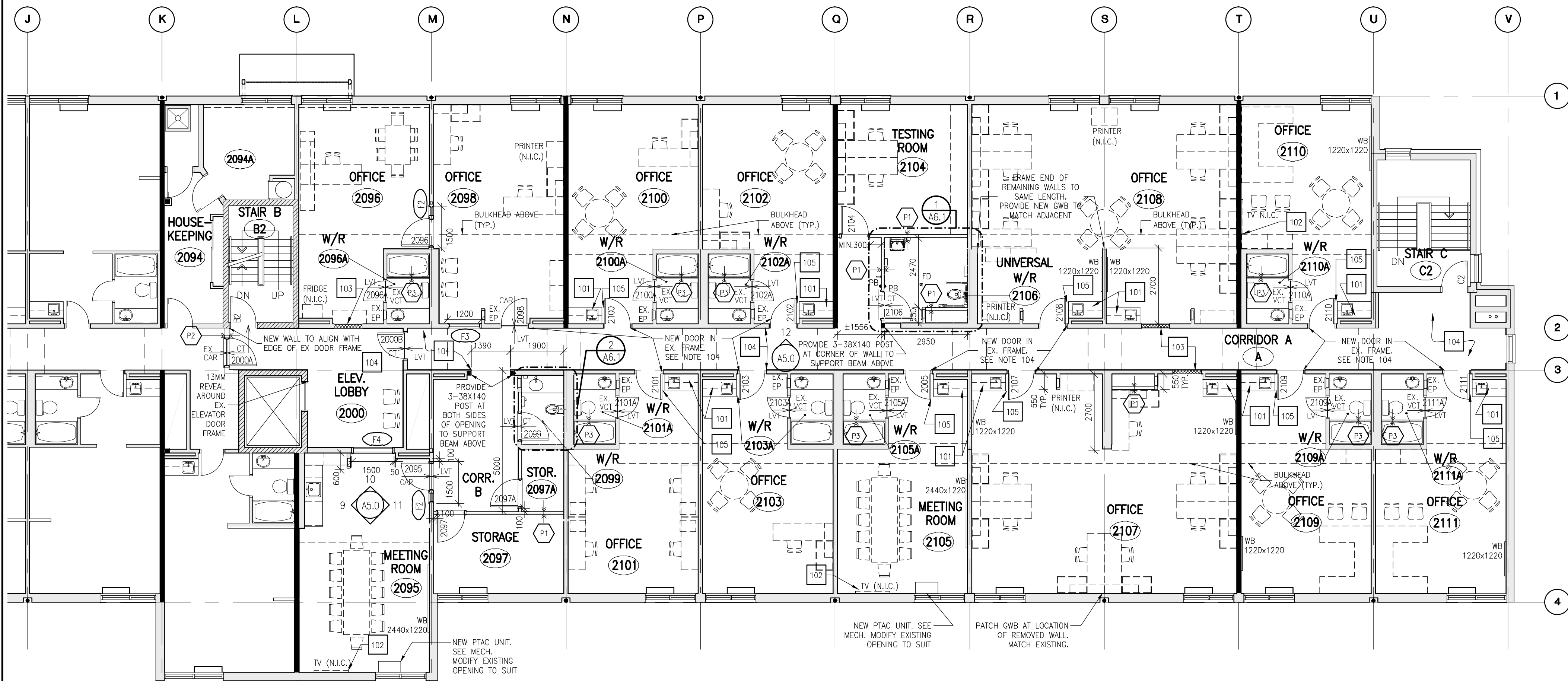
3 FIRST FLOOR RENOVATION PLAN  
A2.1  
SCALE 1:100

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<b>DURHAM COLLEGE</b> SUCCESS MATTERS	
DRAWING	
KEY PLANS, BASEMENT AND FIRST FLOOR DEMO. & RENOVATION PLANS	
<b>ONTARIO ASSOCIATION OF ARCHITECTS</b> KEN MACSPERIAN LICENCE 4751	TRUE NORTH DWG. NORTH JOB NO. 1910 SCALE AS NOTED
<b>MOFFET &amp; DUNCAN architects inc.</b> 5052 DUNDAS ST. WEST ISLINGTON, ONT. M6A 1B9 TEL: (416) 239-2775 FAX: (416) 239-6729 EMAIL: mdrorch@mdorch.ca	DATE NOVEMBER 2018 PRINTED December 12, 2018 DWG. NO. <b>A2.1</b>





1 SECOND FLOOR DEMOLITION PLAN  
A2.2 SCALE 1:100



2 SECOND FLOOR RENOVATION PLAN  
A2.2 SCALE 1:100

## GENERAL DEMOLITION NOTES:

- ALL REFERENCES TO REMOVE MEANS REMOVE & DISPOSE OF UNLESS OTHERWISE NOTED.
- ALL DEMOLITION WORK TO OCCUR IN DESIGNATED AREAS AND SPECIFIED TIMES ONLY. ALL DAMAGE OUTSIDE THESE AREAS TO BE MADE GOOD BY THE GENERAL CONTRACTOR. WHEN WORK FOR MECHANICAL AND ELECTRICAL CONNECTIONS ARE REQUIRED TO TAKE PLACE OUTSIDE DESIGNATED AREAS, USE EXTREME CAUTION TO PREVENT ANY ADDITIONAL DAMAGE.
- SALVAGE & HAND OVER BUILDING COMPONENTS AS SPECIFIED.
- DIMENSIONS TO NEW OPENINGS IN EXISTING WALLS REFLECT ACTUAL REQUIRED NEW OPENING SIZE AND NOT ACTUAL REQUIRED DEMOLITION. THE NEW FINISHED OPENING SHALL BE FRAMED AND FINISHED AS PER RENOVATION PLANS.
- DO NOT STOCKPILE CONSTRUCTION MATERIALS ADJACENT TO THE BUILDING.
- TEMPORARY SHUT DOWNS OF THE FIRE HOSE SYSTEM OR OTHER FIRE PROTECTION SYSTEMS SHALL COMPLY WITH THE FIRE CODE.
- ALL REMAINING WALL SURFACES AFFECTED BY THE REMOVAL OF ADJACENT WALLS, EQUIPMENT AND MILLWORK OR OTHER ITEMS SHALL BE PROTECTED.
- IN ALL LOCATIONS WHERE DEMOLITION & RENOVATION IS TO TAKE PLACE, REMOVE ALL OWNER ATTACHED EQUIPMENT & ITEMS SUCH AS CLOCKS, SOAP DISPENSERS, ETC. AND DISPOSE OF.
- REMOVE ALL UNUSED ELECTRICAL AND MECHANICAL ITEMS FROM WALLS AND CEILINGS (CONDUITS, BOXES, PANELS, DUCTWORK, PIPING, ETC.). GRIND OFF ALL EXISTING ADHESIVE FROM WALL. REMOVE FASTENERS AND INFILL HOLES WITH CEMENT AFTER REMOVAL.
- REMOVE ALL CHALK & TACK BOARDS AND DISPOSE OF. GRIND OFF ALL EXISTING ADHESIVE FROM WALL. REMOVE FASTENERS AND INFILL HOLES WITH CEMENT AFTER REMOVAL.
- INCLUDE ALL SHORING COSTS FOR TEMPORARY SUPPORTS.
- PROTECT FINISHES TO REMAIN FROM DAMAGE.
- REPAIR ALL EXISTING WALLS, GRIND OFF ALL EXISTING ADHESIVE FROM WALLS, REMOVE FASTENERS AND INFILL HOLES WITH CEMENT; REPAIR DAMAGED GYPSUM, MAKE GOOD FINISH, PREPARE FOR PAINT.
- ALL REMAINING WALL SURFACES THAT ARE DAMAGED BY THE REMOVAL OF WALLS, BULKHEADS, SHELVES, FURNITURE, PLUMBING FIXTURES, HEATERS, MILLWORK, CLOCKS, EQUIPMENT, AND OTHER ITEMS, AND/OR ARE CURRENTLY IN CONDITION THAT SHOWS ANY SIGN OF DAMAGE SHALL BE REPAIRED AND REINSTATE IN GOOD CONDITION. PATCH ALL DAMAGED EXISTING WALLS, MATCH EXISTING MATERIALS AND FINISHES. PRIOR TO THE APPLICATION OF NEW PAINT, ENSURE THAT ALL REMAINING METAL PIECES, SCREW HEADS, ETC. ARE REMOVED, HOLES PATCHED AND SANDED.
- SITE VERIFY DIMENSIONS OF NEW WORK BEFORE PROCEEDING WITH DEMOLITION OR REMOVAL OF EXISTING BUILDING MATERIALS, AND BEFORE ORDERING NEW DOORS, FRAMES, FIXTURES OR EQUIPMENT.

## REFERENCE DEMOLITION NOTES:

- REMOVE EXISTING CARPET AND CARPET BASE. REMOVE ALL RESIDUE, ADHESIVES AND STAPLES AND PREPARE PLYWOOD SUBFLOOR TO RECEIVE NEW FLOOR FINISH AS PER RFS. (TYP. ALL SUITES)
- REMOVE EXISTING VCT AND RUBBER BASE. REMOVE ALL RESIDUE AND ADHESIVES AND PREPARE PLYWOOD SUBFLOOR TO RECEIVE NEW FLOOR FINISH AS PER RFS. REMOVE EXISTING DOOR STOP (TYP. ALL SUITES)
- DEMOLISH EXISTING HALF-HEIGHT WALL; RELOCATE SERVICES AS PER ELEC (TYP. ALL SUITES)
- REMOVE EXISTING WALL-MOUNTED SHELVES AND/OR HOOKS (TYP. ALL SUITES)
- REMOVE TEXTURED WALL COVERING IN SUITES. REMOVE ALL ADHESIVES AND RESIDUE AND PREPARE EXISTING DRYWALL TO RECEIVE NEW PAINTED FINISH AS PER RFS
- REMOVE EXISTING TOWEL BARS AND SHELVING IN WASHROOMS. MAKE GOOD WALL SURFACE (TYP. ALL SUITES)
- REMOVE EXISTING DOOR; DOOR FRAME TO REMAIN (TYP. ALL SUITES)
- REMOVE EXISTING DOOR AND FRAME
- CAP SERVICES AT ALL REMAINING BATHROOMS. ONE-PIECE TUB AND SURROUND TO REMAIN UNLESS NOTED OTHERWISE. REFER TO MECH. REMOVE PORTION OF EXISTING WALL BASE TO SUIT CONSTRUCTION OF NEW WALL. REFER TO RENOVATION PLAN.
- DEMOLISH EXISTING WASHROOM; REMOVE ALL FIXTURES AND MILLWORK. CAP SERVICES IN WALL; SPRINKLERS AND DUCTS IN CEILING TO REMAIN. REINSTALL AT SURFACE OF NEW GWB. RELOCATE EXIST. FIRE ALARM AS PER ELEC.
- REMOVE EXISTING MILLWORK AND SINK; CAP SERVICES IN WALL. REFER TO MECH/ELEC DRAWINGS
- REMOVE PORTION OF EXISTING PARTITION WALL.
- REMOVE EXISTING CARPET AND CARPET BASE IN CORRIDOR
- RELOCATE EXISTING ELECTRICAL PANELS AS PER RENOVATION PLAN. SEE ALSO ELECTRICAL.

BF	BARRIER FREE
CAR	CARPET TILE
CT	CERAMIC TILE
EP	ELECTRICAL PANEL
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
LVT	LUXURY VINYL TILE
NIC	NOT IN CONTRACT
PB	DOOR OPERATOR PUSH BUTTON
WB	WHITE BOARD

## REFERENCE RENOVATION NOTES:

- EXTEND NEW FLOORING UNDER EXISTING WALL-MOUNTED MILLWORK
- PROVIDE BLOCKING IN EXISTING FRAMED WALL TO SUPPORT 1270MM TV AND MOUNTING BRACKET. CONFIRM WITH OWNER MOUNTING HEIGHT.
- FILL IN EXISTING OPENING TO MATCH ADJACENT WALL.  
LOAD-BEARING PARTITION:  
16MM FIRE RATED GYPSUM  
140MM WOOD STUD  
10MM PLYWOOD  
16MM FIRE RATED GYPSUM  
\*SITE VERIFY ASSEMBLY OF EXISTING WALL
- LAMINATE NEW 13MM GWB TO EXISTING WALL. REMOVE EXISTING FIXTURES AND EQUIPMENT FROM WALL AS REQUIRED TO ALLOW FOR INSTALLATION OF GWB. REINSTALL FLUSH WITH NEW GWB. PROVIDE 13MM REVEAL TRIM AROUND ALL NEW AND EXISTING DOOR FRAMES AN ABOVE WALL BASE.
- INSTALL NEW DOOR STOP AT ALL LOCATIONS WITH EXISTING MILLWORK BEHIND DOOR.

## FLOOR PLAN LEGEND:

	DENOTES NEW IN-FILL WALL TO MATCH EXISTING MATERIALS
	INDICATES AREA AND ORIENTATION OF NEW FLOOR TILE

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## ROOM FINISH SCHEDULE

ROOM		FLOORS			WALLS		CEILING			REMARKS
NAME	NO.	MATL.	FIN.	BASE	MATL.	FINISH	MATL.	FIN.	HT.	
VESTIBULE		EXIST.	EXIST.	EXIST./CT	EXIST.	PT	EXIST	PT	EXIST.	
LOBBY	2000	EXIST.	CT	CT	EXIST.	PT	GWB	PT	EXIST.	
MEETING ROOM	2095	EXIST.	CARP	WD	EXIST./ANT	PT	EXIST./GWB	PT	EXIST./2200	A, B
OFFICE	2096	EXIST.	CARP	WD	EXIST.	PT	EXIST./GWB	PT	EXIST./2200	A, B
W/R	2096A	EXIST.	EXIST.	EXIST.	EXIST.	PT	EXIST	PT	EXIST.	A, D
STORAGE	2097	EXIST.	LVT	WD	EXIST./GWB	PT	EXIST	PT	EXIST.	A, B
STORAGE	2097A	EXIST.	LVT	WD	EXIST./GWB	PT	EXIST	PT	EXIST.	A, B
OFFICE	2098	EXIST.	CARP	WD	EXIST.	PT	EXIST./GWB	PT	EXIST./2200	A, B
W/R	2099	EXIST.	CT	CT	EXIST./GWB	CT	GWB	PT	EXIST.	A, B
OFFICE	2100	EXIST.	LVT	WD	EXIST	PT	EXIST	PT	EXIST.	A, B
W/R	2100A	EXIST.	EXIST.	EXIST.	EXIST.	CT	EXIST	PT	EXIST.	A, D
OFFICE	2101	EXIST.	LVT	WD	EXIST.	PT	EXIST	PT	EXIST.	A, B
W/R	2101A	EXIST.	EXIST.	EXIST.	EXIST.	PT	EXIST	PT	EXIST.	A, D
OFFICE	2102	EXIST.	LVT	WD	EXIST.	PT	EXIST	PT	EXIST.	A, B
W/R	2102A	EXIST.	EXIST.	EXIST.	EXIST.	PT	EXIST	PT	EXIST.	A, D
OFFICE	2103	EXIST.	LVT	WD	EXIST.	PT	EXIST	PT	EXIST.	A, B
W/R	2103A	EXIST.	EXIST.	EXIST.	EXIST.	PT	EXIST	PT	EXIST.	A, D
TESTING ROOM	2104	EXIST.	LVT	WD	EXIST.	PT	EXIST	PT	EXIST.	A, B
MEETING ROOM	2105	EXIST.	LVT	WD	EXIST.	PT	EXIST	PT	EXIST.	A, B
W/R	2105A	EXIST.	EXIST	EXIST	EXIST.	PT	EXIST	PT	EXIST.	A, D
UNIVERSAL W/R	2106	EXIST.	CT	CT	EXIST./GWB	CT	GWB	PT	2200	A, B
OFFICE	2107	EXIST.	LVT	WD	EXIST.	PT	EXIST./GWB	PT	EXIST./2200	A, B
OFFICE	2108	EXIST.	LVT	WD	EXIST.	PT	EXIST./GWB	PT	EXIST./2200	A, B
OFFICE	2109	EXIST.	LVT	WD	EXIST.	PT	EXIST	PT	EXIST.	A, B
W/R	2109A	EXIST.	EXIST.	EXIST.	EXIST.	PT	EXIST	PT	EXIST.	A, D
OFFICE	2110	EXIST.	LVT	WD	EXIST.	PT	EXIST	PT	EXIST.	A, B
W/R	2110A	EXIST.	EXIST.	EXIST.	EXIST.	PT	EXIST	PT	EXIST.	A, B
OFFICE	2111	EXIST.	LVT	WD	EXIST.	PT	EXIST	PT	EXIST.	A, D
W/R	2111A	EXIST.	EXIST.	EXIST.	EXIST.	PT	EXIST	PT	EXIST.	A, B
CORRIDOR A		EXIST.	LVT	WD	EXIST	PT	EXIST./GWB	PT	EXIST.	A, B, C
CORRIDOR B		EXIST.	LVT	WD	EXIST	PT	EXIST./GWB	PT	EXIST.	A, B, C

### TYPICAL NOTES:

(A) REMOVE EXISTING TEXTURED CEILING FINISH

(B) REMOVE EXISTING WALL TEXTURED COVERING

(C) PROVIDE NEW 13m GWB ON EXIST. WALL TO PROVIDE 13mm REVEAL AROUND FRAME

(D) PROVIDE NEW RB TO MATCH EXISTING AT NEW BATH WALL

## DOOR AND FRAME SCHEDULE

ROOM NAME	DOOR								FRAME				REQUIRED F.R.R.	REMARKS
	DOOR NO.	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	GLASS	TYPE	HEAD / JAMB	MATERIAL	FINISH		
VESTIBULE	144	965	2050	45	E	HM	PAINT	TEMP	F5	J1, J1A	H.M.	PAINT		B, E
LOBBY	2000A	965	2050	45	B	HM	PAINT	FIRELITE	F1	H1A	H.M.	PAINT	45 MIN	E
LOBBY	2000B	915	2050	45	C	HM	PAINT	FIRELITE	EXIST.	—	H.M.	PAINT	45 MIN	E
MEETING ROOM	2095	965	2050	45	D	WD	PLAM	TEMP	F2	H1 SIM	H.M.	PAINT		
MEETING ROOM	2095							FIRELITE	F3	H2/S1A	H.M.	PAINT	45 MIN	E
OFFICE	2096	965	2050	45	D	WD	PLAM	TEMP	F2	H1 SIM	H.M.	PAINT		
W/R	2096A	EXIST.	EXIST.	45	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		A, D
STORAGE	2097	915	2050	45	A	WD	PLAM	—	F1	H1	H.M.	PAINT		C
STORAGE	2097A	915	2050	45	A	WD	PLAM	—	F1	H1	H.M.	PAINT		C
OFFICE	2098	915	2050	45	D	WD	PLAM	TEMP	F2	—	H.M.	PAINT		
OFFICE	2098							TEMP	F2	H2/S1	H.M.	PAINT		
W/R	2099	915	2050	45	A	WD	PLAM	—	F1	H2	H.M.	PAINT		A, C
OFFICE	2100	915	2050	45	D	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
W/R	2100A	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		A, C
OFFICE	2101	915	2050	45	D	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
W/R	2101A	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		C, A
OFFICE	2102	915	2050	45	D	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
W/R	2102A	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		C, A
OFFICE	2103	915	2050	45	C	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
W/R	2103A	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		C, A
TESTING ROOM	2104	915	2050	45	D	WD	PLAM	TEMP	F1	H1	H.M.	PAINT		
MEETING ROOM	2105	915	2050	45	D	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
UNIVERSAL W/R	2106	965	2050	45	A	WD	PLAM	—	F1	H2	H.M.	PAINT		C, E
OFFICE	2107	915	2050	45	D	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
OFFICE	2108	915	2050	45	D	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
OFFICE	2109	915	2050	45	D	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
W/R	2109A	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		A, C
OFFICE	2110	915	2050	45	D	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
W/R	2110A	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		A, C
OFFICE	2111	915	2050	45	D	WD	PLAM	TEMP	EXIST.	—	EXIST.	PAINT		A, D
W/R	2111A	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		A, C
STAIR B	B2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		A
STAIR C	C2	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	PAINT	—	EXIST.	—	EXIST.	PAINT		A

### NOTES:

(A) PAINT ALL EXISTING H.M. DOORS AND FRAMES

(C) PROVIDE DOOR CLOSER

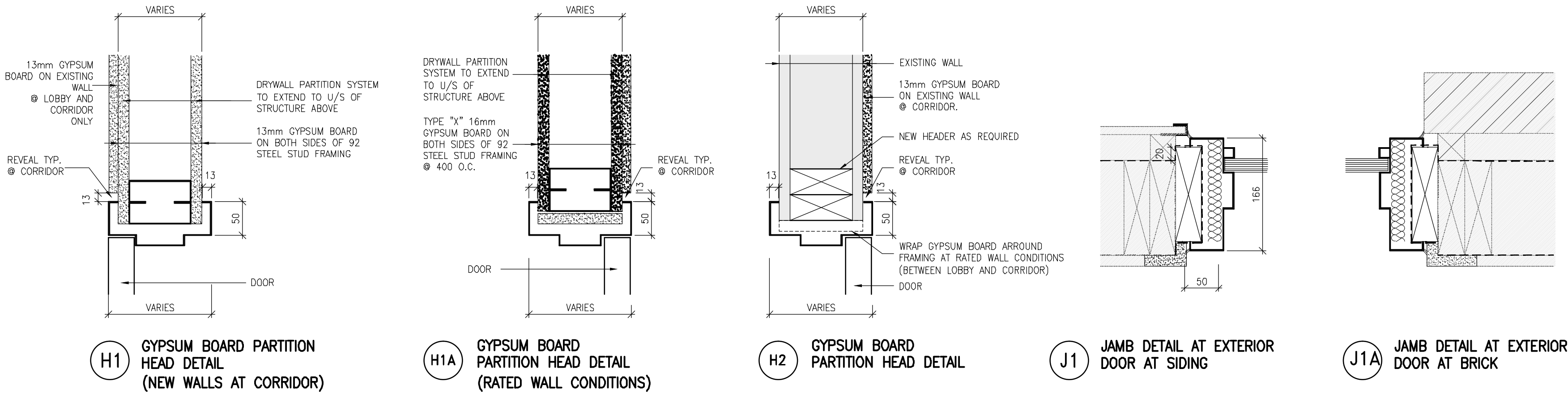
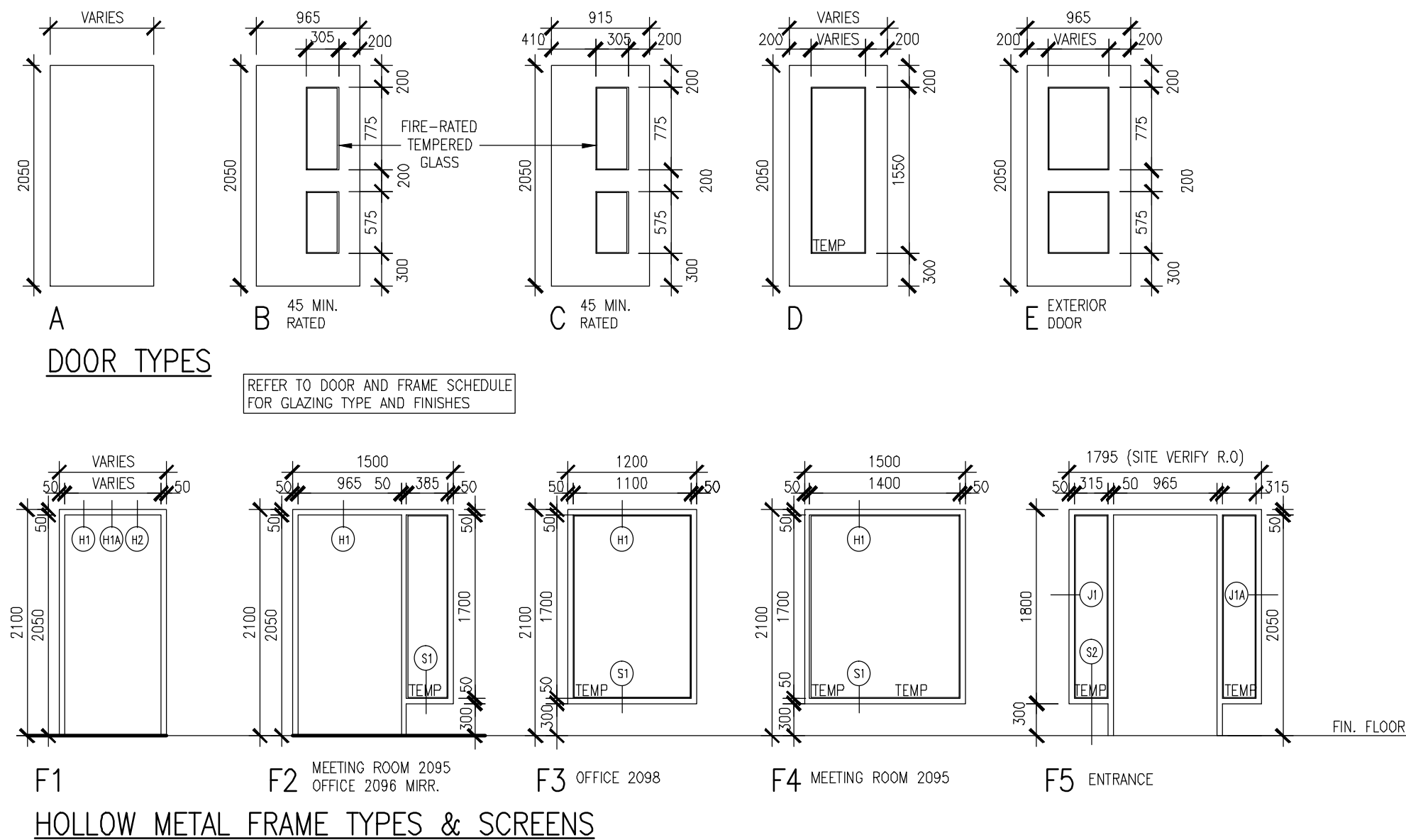
(E) PROVIDE DOOR OPERATOR

(G) INSTALL SOUND SEAL HARDWARE

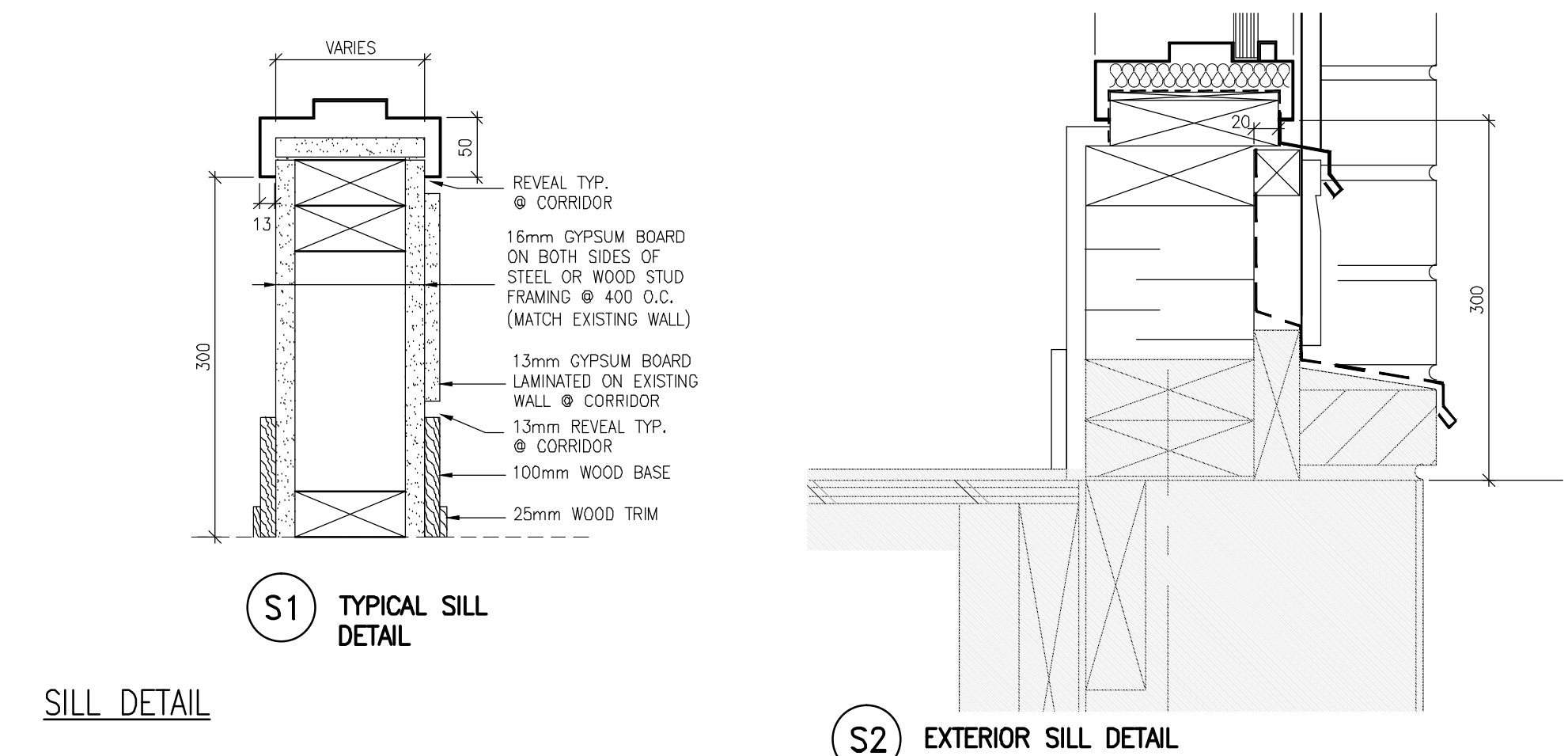
(B) WEATHERSTRIP

(D) SITE VERIFY DIMENSIONS OF EX. FRAMES



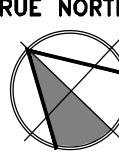
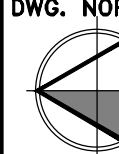
(F) INSTALL DOOR SWEEP



### JAMB DETAILS



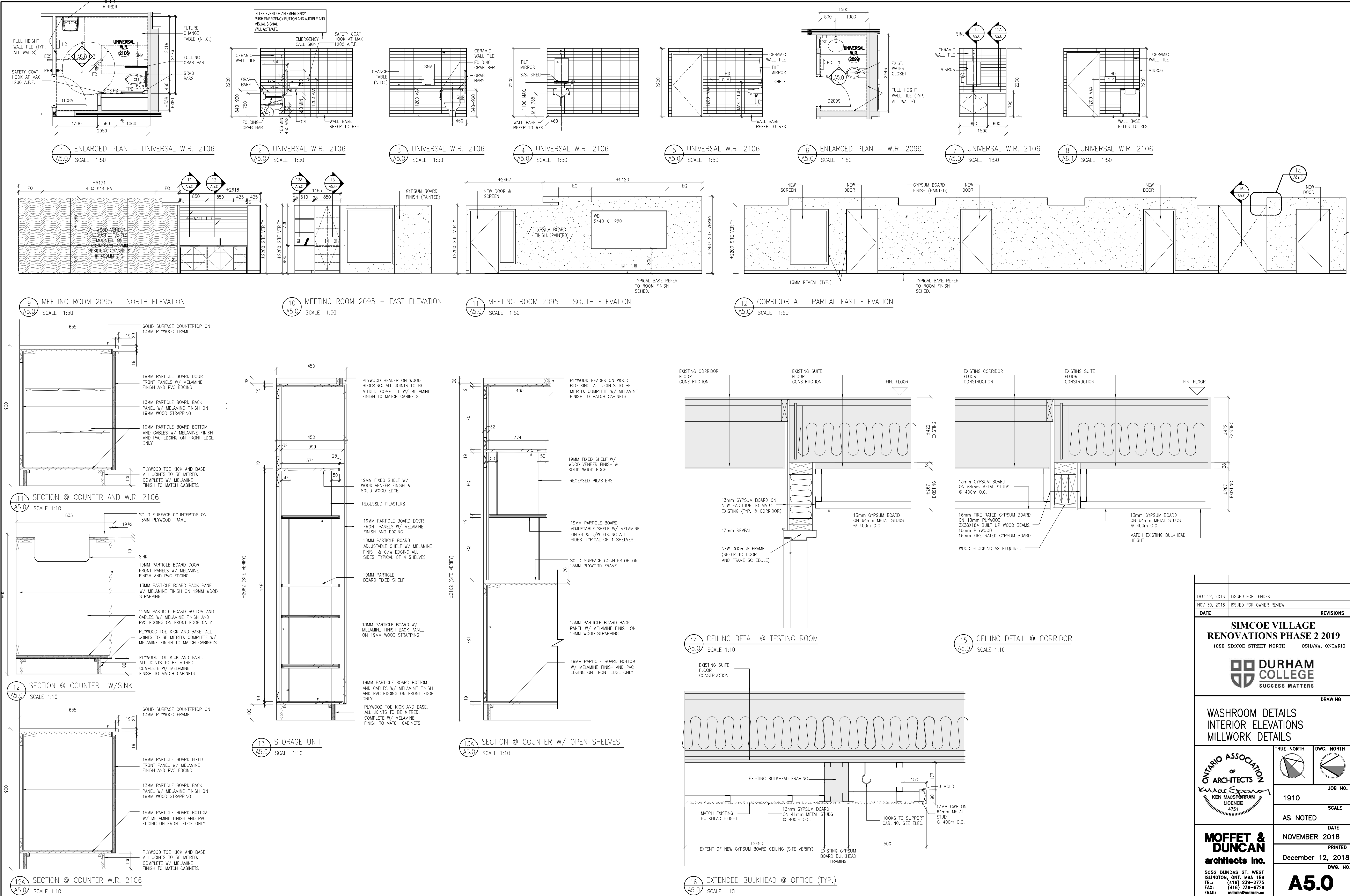
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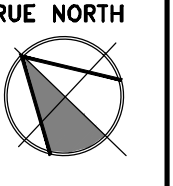
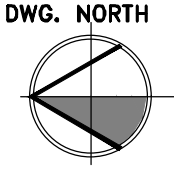
DEC 12, 2018		ISSUED FOR TENDER	
NOV 30, 2018		ISSUED FOR OWNERS REVIEW	
DATE		REVISIONS	
<div>SIMCOE VILLAGE RENOVATIONS PHASE 2 2019 1090 SIMCOE STREET NORTH OSHAWA, ONTARIO</div> <div>DURHAM COLLEGE SUCCESS MATTERS</div> <div>DRAWING</div> <div>DOOR AND FRAME SCHEDULE ROOM FINISH SCHEDULE DOOR AND FRAME TYPES</div>			
 <div>ONTARIO ASSOCIATION OF ARCHITECTS <i>Ken MacSperran</i> KEN MACSPERRAN LICENCE 4751</div>	TRUE NORTH	DWG. NORTH	JOB NO.
	 		1910
			SCALE
<div>MOFFET &amp; DUNCAN architects inc.</div> <div>5052 DUNDAS ST. WEST ISLINGTON, ONT. M6A 1B9 TEL: (416) 239-2775 FAX: (416) 239-6729 EMAIL: mduerch@mduerch.ca</div>	AS NOTED		DATE
			NOVEMBER 2018
			PRINTED
			December 12, 2018
		DWG. NO.	
		<div>A3.0</div>	



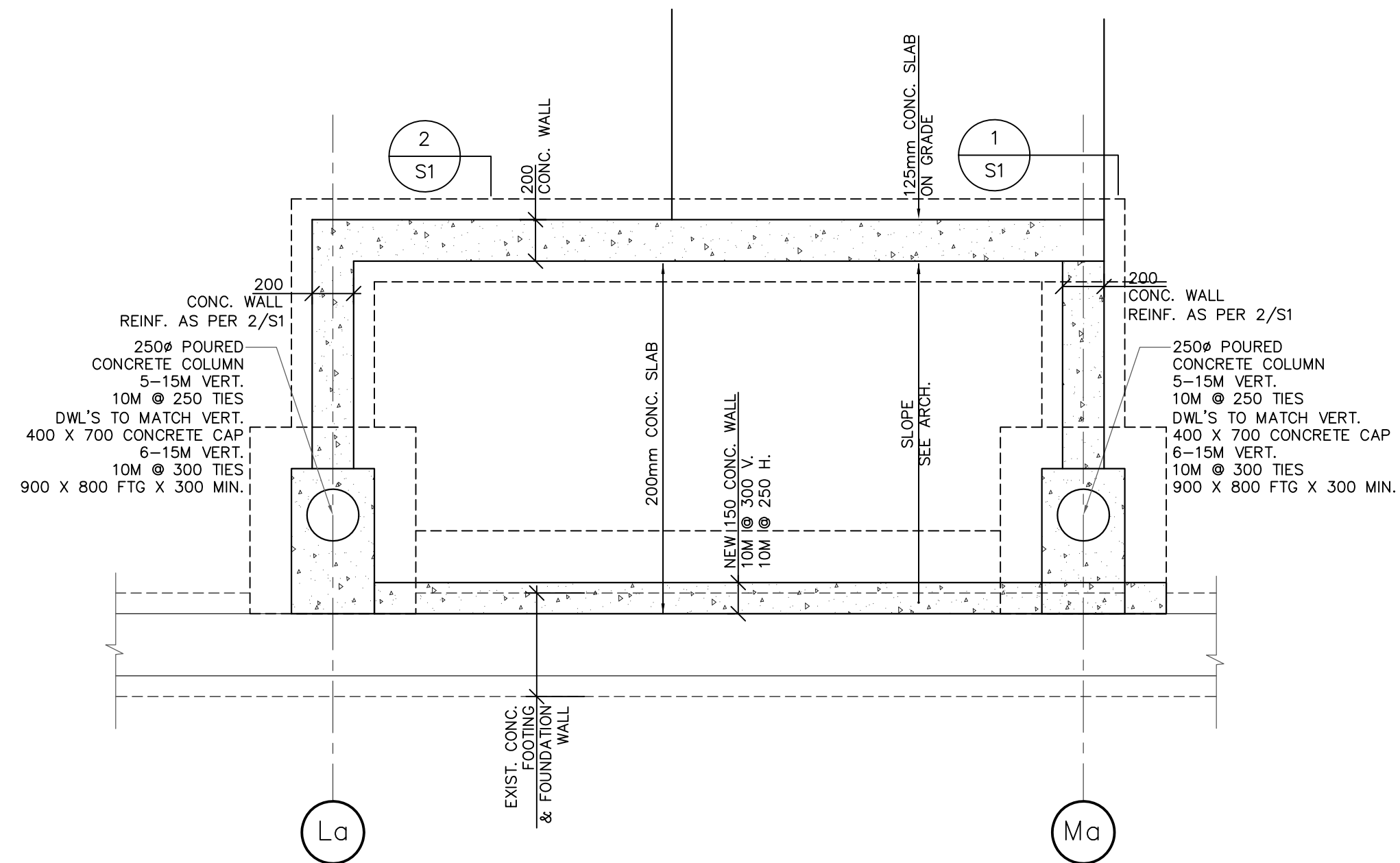
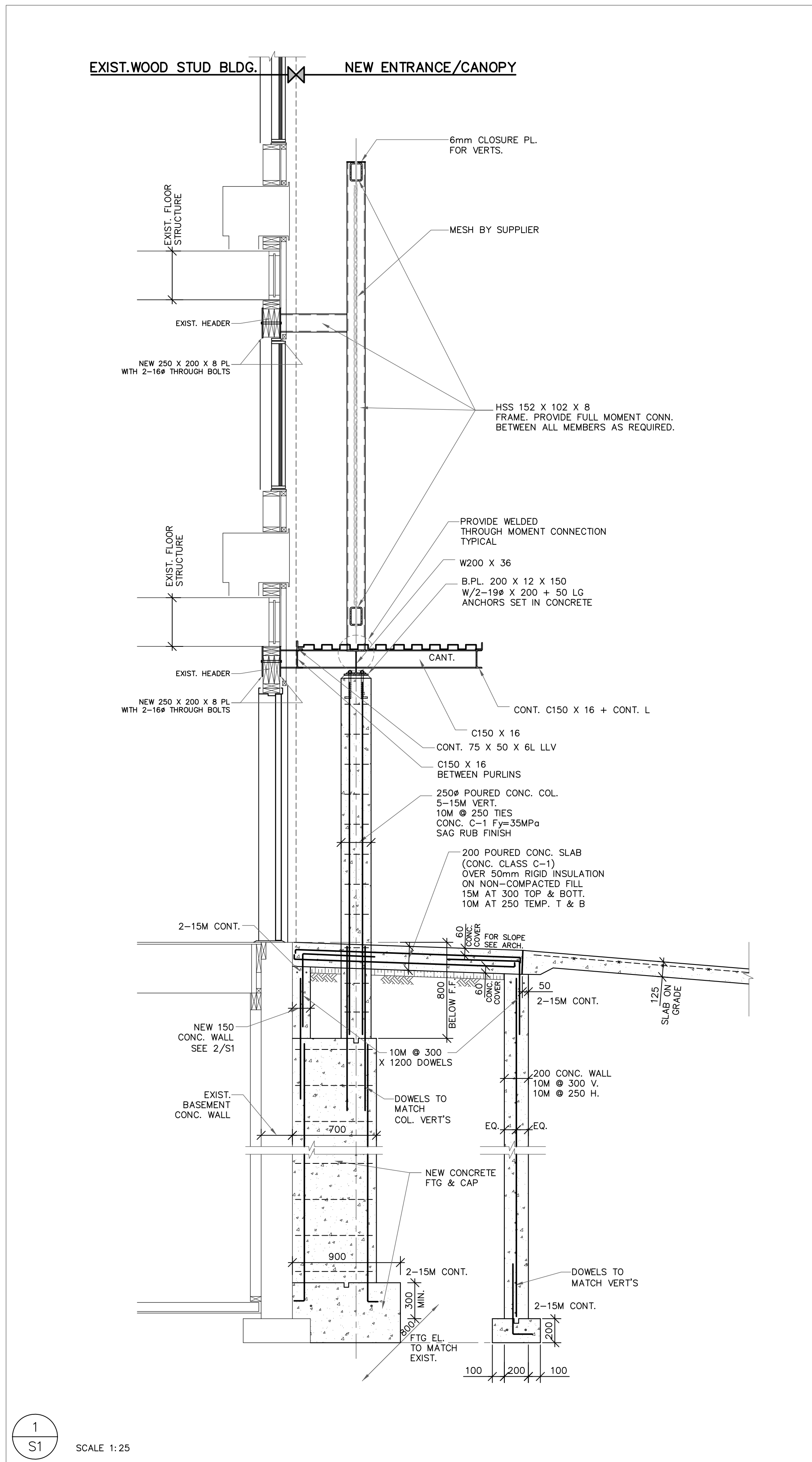






DEC 12, 2018	ISSUED FOR TENDER	
NOV 30, 2018	ISSUED FOR OWNER REVIEW	
DATE	REVISIONS	
<b>SIMCOE VILLAGE RENOVATIONS PHASE 2 2019</b> 1090 SIMCOE STREET NORTH OSHAWA, ONTARIO		
<b>DURHAM COLLEGE</b> SUCCESS MATTERS		
DRAWING		
WASHROOM DETAILS INTERIOR ELEVATIONS MILLWORK DETAILS		
	TRUE NORTH	DWG. NORTH
		
1910		JOB NO.
AS NOTED		SCALE
DATE		NOVEMBER 2018
PRINTED		December 12, 2018
DWG. NO.		A5.0
<b>MOFFET &amp; DUNCAN</b> architects inc. 5052 DUNDAS ST. WEST ISLINGTON, ONT. M6A 1B9 TEL: (416) 239-2775 FAX: (416) 239-6729 EMAIL: mrd@mdmarch.ca		

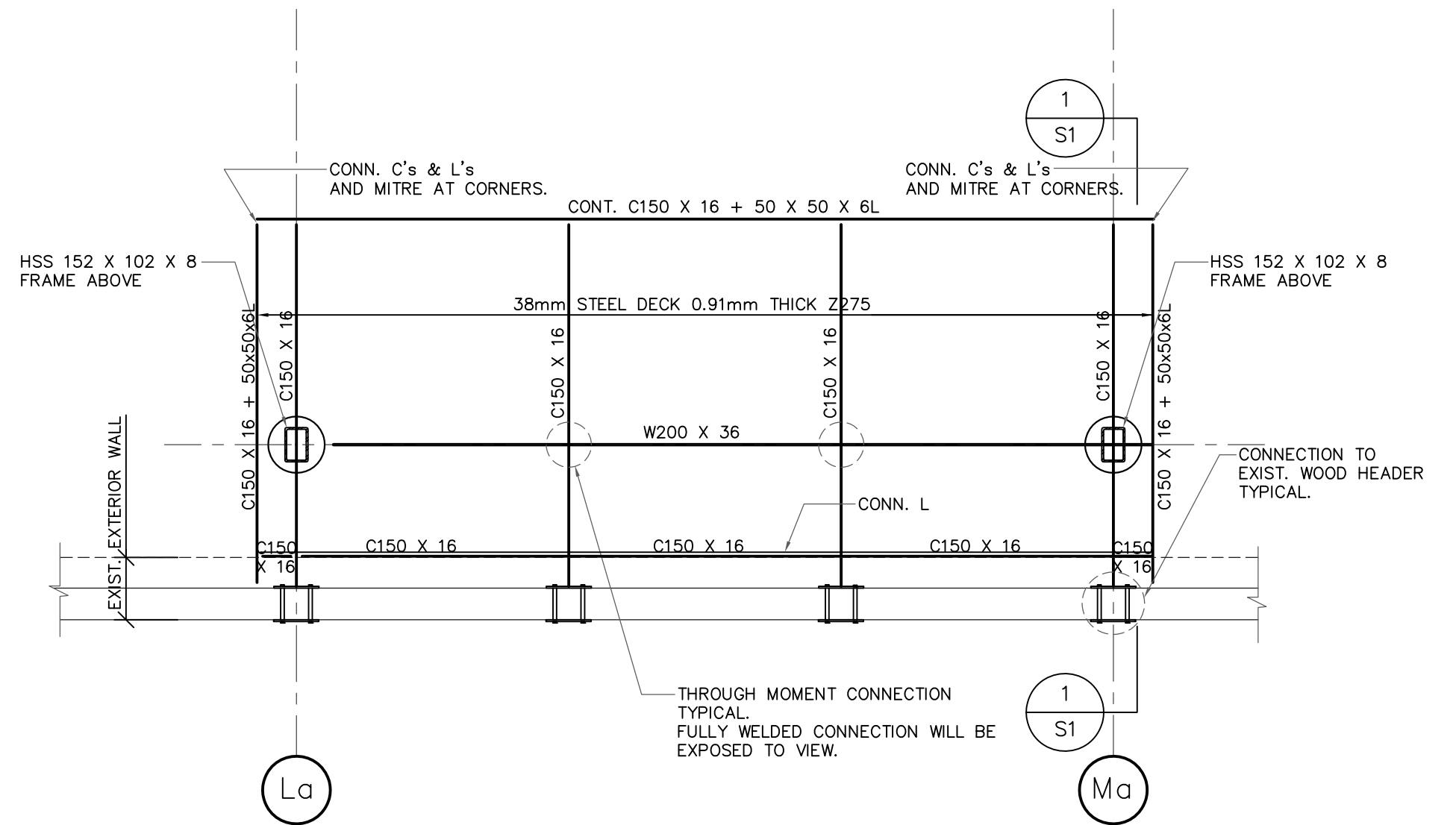
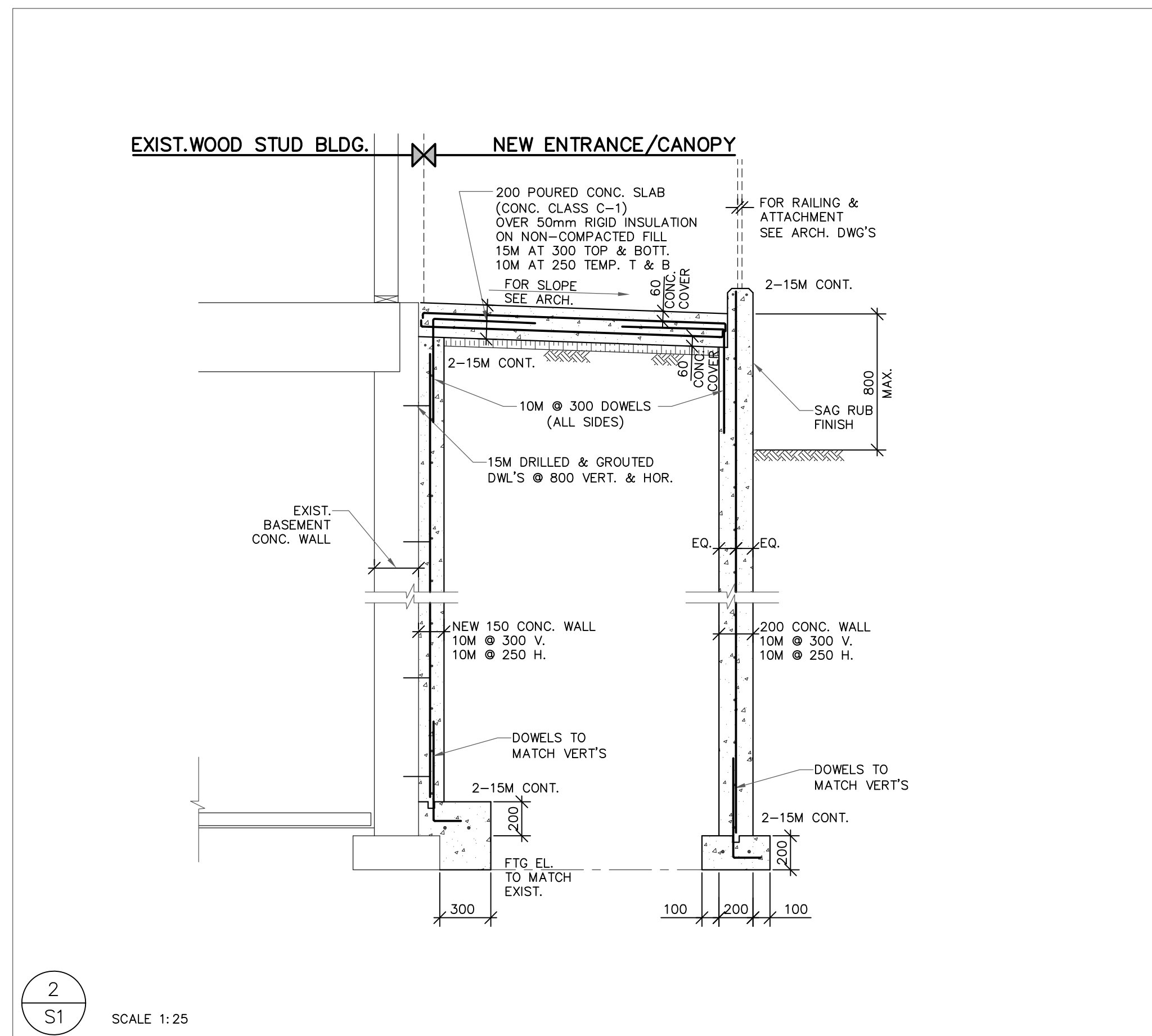




FOUNDATION PLAN

SCALE 1:25

1. TOP OF NEW ENTRANCE SLAB IS AT  $\pm 0$  BELOW FINISHED GROUND FLOOR ELEVATION (150.68). SEE ARCHITECTURAL DRAWINGS FOR SLOPE.
2. ALL FOOTINGS SHALL BE PLACED ON NATURAL UNDISTURBED SOIL CAPABLE SUPPORTING PRESSURE OF 225kPa ULS (150kPa SLS) UNLESS NOTED OTHERWISE.
3. ALL FOOTINGS SHALL BE PLACED MINIMUM 1200mm BELOW FINISHED GRADE.
4. SEE ALSO TYPICAL DETAILS AND GENERAL NOTES ON THESE DRAWINGS.
5. ALL FOOTINGS SHALL BE FORMED. FOOTINGS POURED INTO NEAT EXCAVATION ARE NOT ACCEPTABLE.
6. UNLESS NOTED OTHERWISE ALL WALL FOOTINGS SHALL HAVE 100mm PROJECTION X 200mm DEEP.



CANOPY FRAMING PLAN

SCALE 1:25

1. DESIGN SNOW LOAD IS 8.0kPa x 1s (1.15).
2. ALL STEEL CONNECTIONS TO BE WELDED, GROUND SMOOTH & STEEL SHOULD BE HOT DIPPED GALVANIZED. ALL STEEL WILL BE EXPOSED TO VIEW.

DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE FOR USE ON THIS PROJECT ONLY AND USE OR REPRODUCTION OF A PART OR WHOLE IS FORBIDDEN WITHOUT THE CONSULTANT'S WRITTEN PERMISSION.

DO NOT SCALE DRAWINGS. REFER TO ARCHITECT'S FOR DIMENSIONS. ALL DIMENSIONS/ELEVATIONS INDICATED ON STRUCTURAL DRAWINGS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS AND ANY DISCREPANCY REPORTED TO CONSULTANT.

DATE	REVISIONS
DEC. 11, 2018	ISSUED FOR PERMIT AND TENDER

Consulting Engineers  
■ Structural  
1061 Eglinton Ave. West Suite 201  
Toronto, Ontario M6C 2C9  
Tel.: 416 782-1644  
www.ravensengineering.com  
office@ravensengineering.com

**RAVENS**  
Engineering Inc.

**SIMCOE VILLAGE**  
**RENOVATIONS PHASE 2 2019**  
1090 SIMCOE STREET NORTH OSHAWA, ONTARIO



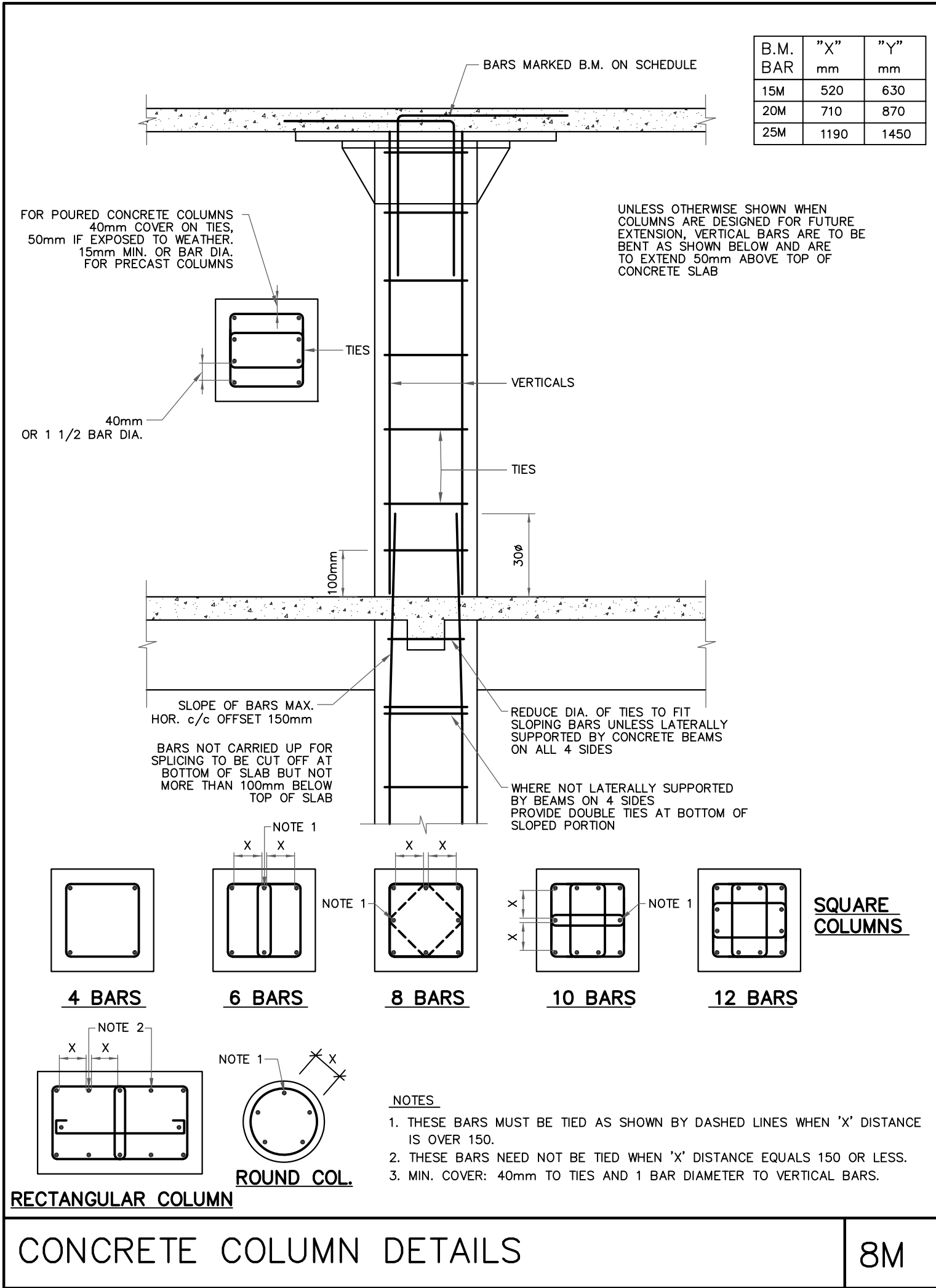
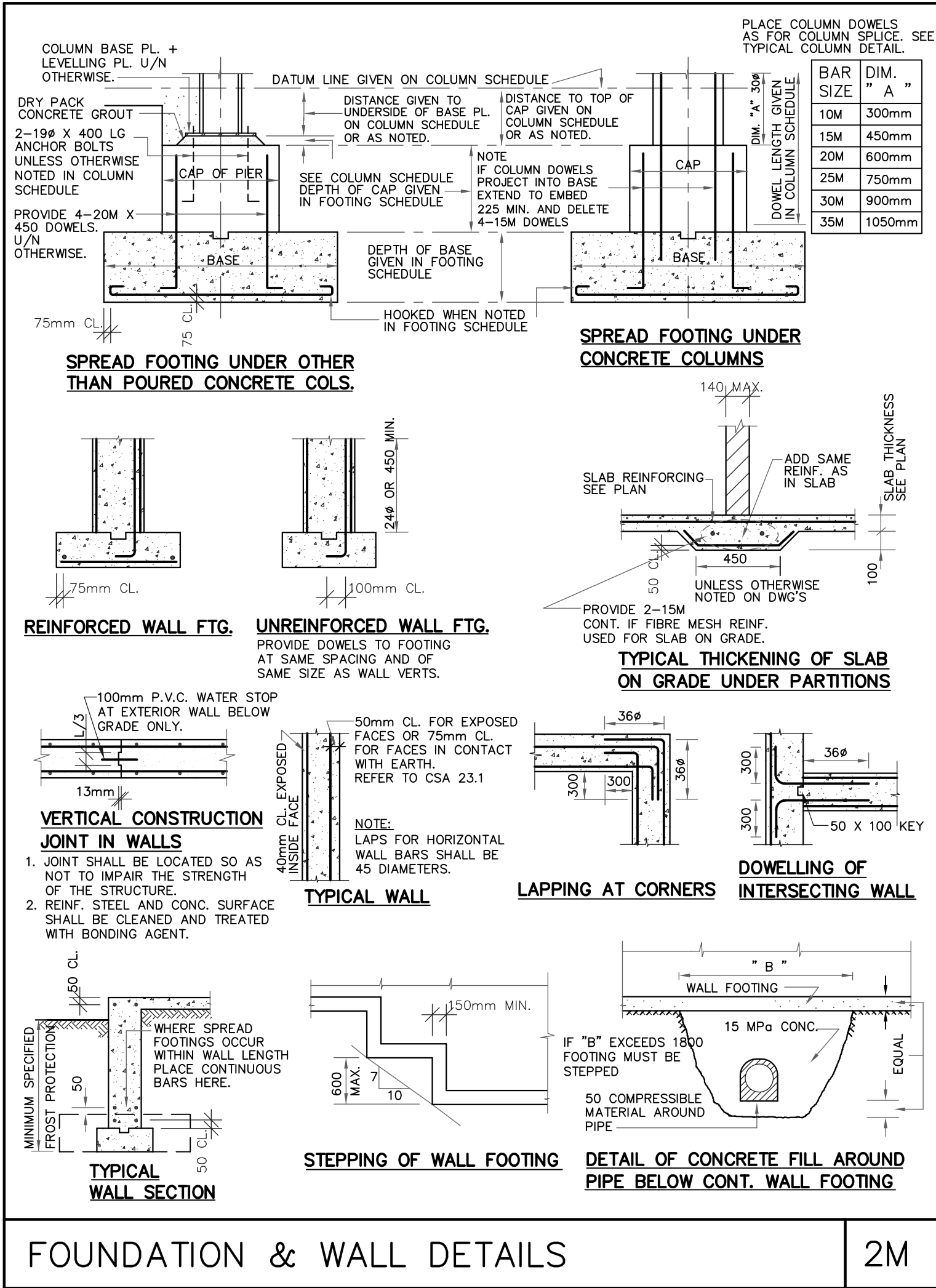
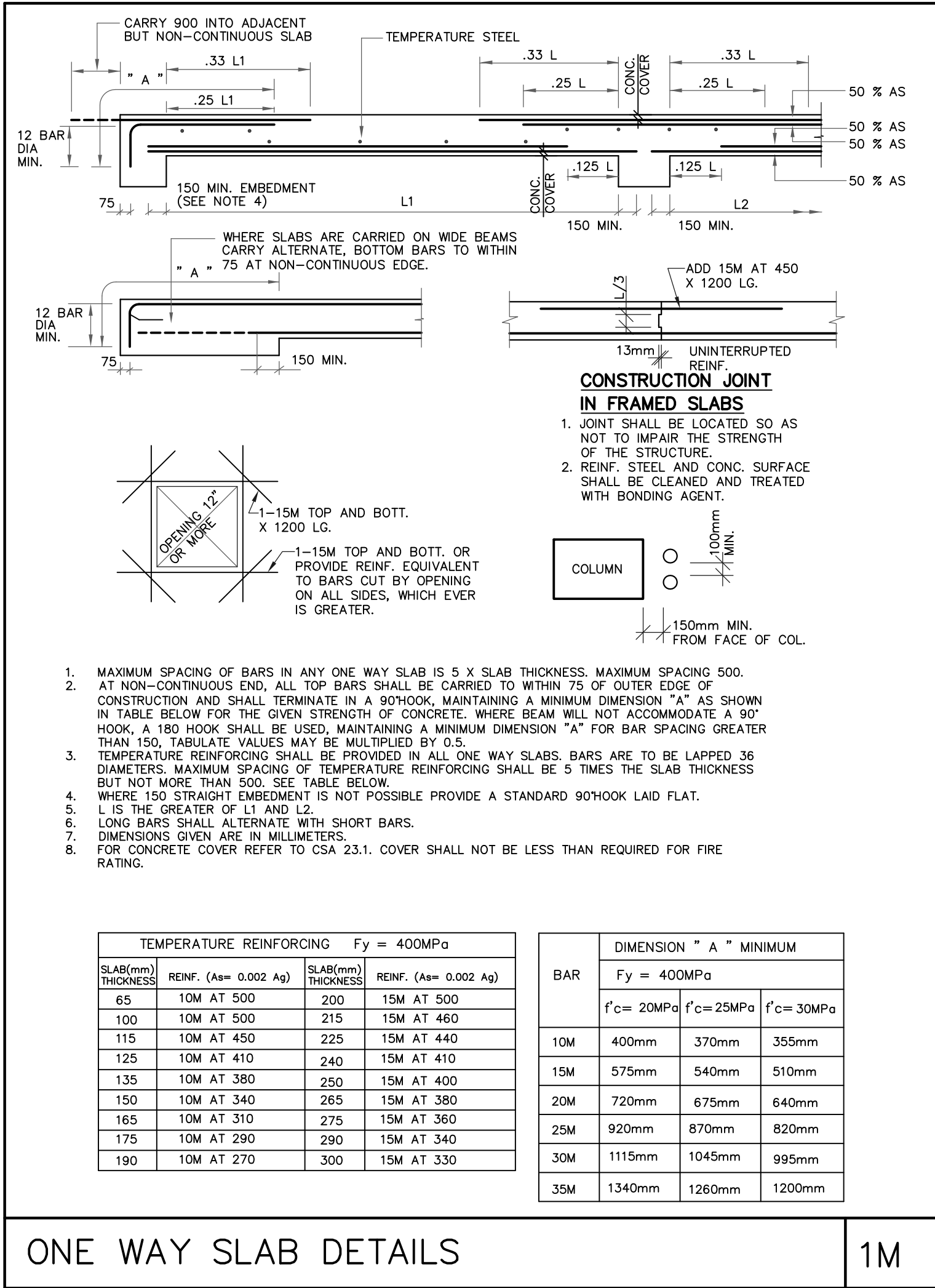
CANOPY FOUNDATION,  
FRAMING PLAN,  
& SECTIONS

TRUE NORTH	DWG. NORTH
1910	JOB NO.
AS NOTED	SCALE
November, 2018	DATE
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	DWG. NO.

**MOFFET & DUNCAN**  
architects inc.  
5052 DUNDAS ST. WEST  
ISLINGTON, ONT. M9A 1B9  
TEL: (416) 239-2775  
FAX: (416) 239-6729  
EMAIL: mdarrah@mdarch.ca

**S1**





CHECK ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS AND REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

DO NOT EXCEED THE DESIGN LIVE LOADS SHOWN DURING CONSTRUCTION.

THIS STRUCTURE HAS BEEN DESIGNED TO COMPLY WITH O.B.C. 2012.

THE GENERAL CONTRACTOR SHALL EXAMINE EXISTING SITE CONDITIONS AND REPORT ANY INCONSISTENCIES TO THE ARCHITECT BEFORE STARTING ANY WORK.

**FOUNDATION NOTES:**

FOOTING EXCAVATIONS SHALL BE INSPECTED BY A SOILS ENGINEER BEFORE CONCRETE IS PLACED.

FOOTINGS EXPOSED TO FREEZING SHALL BE PLACED AT LEAST 1200mm BELOW FINISHED GRADE.

PROTECT FOOTINGS EXPOSED TO FROST ACTION DURING CONSTRUCTION BY 1200mm OF SOIL OR ITS EQUIVALENT.

THE LINE OF SLOPE BETWEEN ADJACENT FOOTINGS, EXCAVATIONS OR ALONG STEPPED FOOTINGS SHALL NOT EXCEED A RISE OF 7 IN A RUN OF 10, MAXIMUM STEP 600mm.

WHERE A FOUNDATION WALL RETAINS SOIL ON EACH FACE BACKFILL ON BOTH SIDES SIMULTANEOUSLY.

**STRUCTURAL STEEL NOTES:**

STRUCTURAL STEEL SHALL BE GRADE G40.21M 350W. HOLLOW STRUCTURAL SECTIONS SHALL BE G40.21M 350W CLASS C.

**CONCRETE NOTES:**

UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATIONS, THE ULTIMATE 28 DAY STRENGTH OF CONCRETE SHALL BE 35MPa. REINFORCING STEEL SHALL BE DEFORMED BARS OF 400MPa YIELD STRENGTH.

GENERAL NOTES

DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE FOR USE ON THIS PROJECT ONLY AND USE OR REPRODUCTION OF A PART OR WHOLE IS FORBIDDEN WITHOUT THE CONSULTANT'S WRITTEN PERMISSION.

DO NOT SCALE DRAWINGS. REFER TO ARCHITECT'S FOR DIMENSIONS. ALL DIMENSIONS/ELEVATIONS INDICATED ON STRUCTURAL DRAWINGS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS AND ANY DISCREPANCY REPORTED TO CONSULTANT.

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**RAVENS Engineering Inc.**

**SIMCOE VILLAGE RENOVATIONS PHASE 2 2019**  
1090 SIMCOE STREET NORTH OSHAWA, ONTARIO

**DURHAM COLLEGE**  
SUCCESS MATTERS

TYPICAL DETAILS & GENERAL NOTES

TRUE NORTH DWG. NORTH

1910 JOB NO.

N/A SCALE

November, 2018 DATE

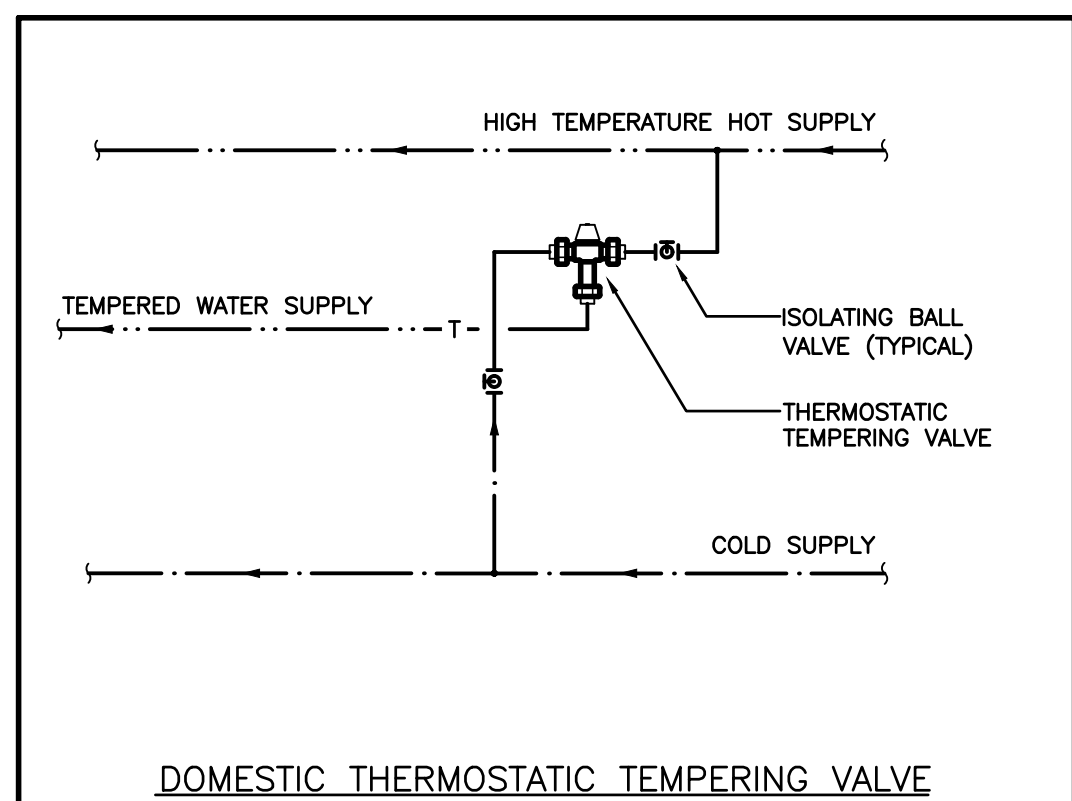
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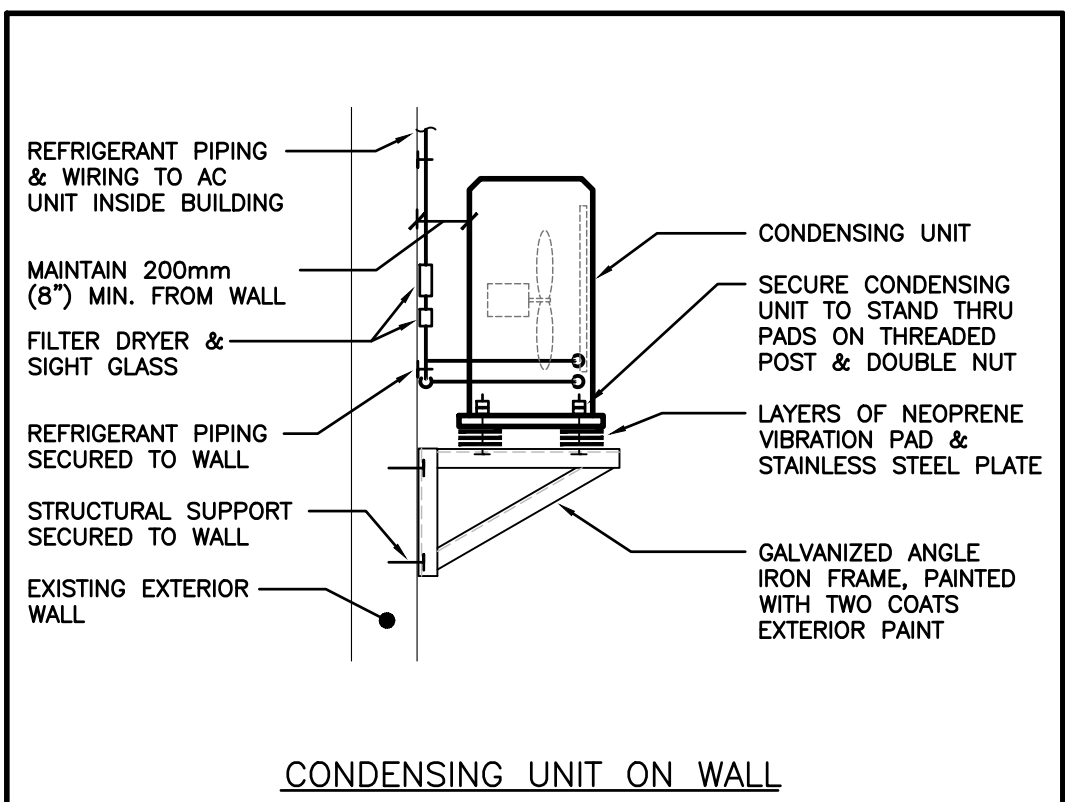
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**MOFFET & DUNCAN architects inc.**  
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EMAIL: mdarab@mdarab.ca



[illegible]

MECHANICAL LEGEND			
Item		Description	
		CUT EXISTING & CONNECT NEW PIPING	
		DOMESTIC COLD WATER PIPING	
		DOMESTIC HOT WATER PIPING	
		DOMESTIC HOT WATER RE-CIRC. PIPING	
		EXISTING SANITARY PIPING ABOVE FLOOR	
		EXISTING SANITARY PIPING BELOW FLOOR	
		SANITARY PIPING ABOVE FLOOR	
		SANITARY PIPING BELOW FLOOR	
		FLOOR DRAIN	
		TRAP PRIMER	
		TEE CONNECTION	
		PIPE DOWN	
		SCREWED OR WELDED PIPE CAP	
		BALL VALVE	
		REFRIGERANT LIQUID PIPING	
		REFRIGERANT SUCTION PIPING	
		BALANCING VALVE	
		FLOOR CLEANOUT	
		THERMOSTAT (WITH OR WITHOUT GUARD)	
		SUPPLY AIR DUCT	
		RETURN/EXHAUST AIR DUCT	
		FIRE DAMPER	
		FIRE FLAP	
		BALANCING DAMPER	
		BACKDRAFT DAMPER	
		FLEXIBLE ROUND DUCT	
		RIGID ROUND DUCT	
		DIFFUSER/GRILLE SIZE (imp. TYPE & CAPACITY (cfm))	
		ACCESS DOOR	
		EXISTING DUCT (SIZE AS INDICATED)	
		SIDEWALL HEAD	
		CONCEALED PENDENT HEAD	



- ## GENERAL NOTES
- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PREPARED SPECIFICATION.
  - CONTRACTOR TO INCLUDE COST FOR CONSULTANT TO COMPLETE ELECTRONIC CAD AS-BUILT DRAWINGS (ALL SHEETS), REFER TO MECHANICAL SPECIFICATION ON DRAWING M4.1.
- UPON COMPLETION OF THE PROJECT OR UPON COMPLETION OF EACH INDIVIDUAL PHASE OF THE PROJECT THE CONTRACTORS SHALL PROVIDE THE FOLLOWING CERTIFICATES BEFORE CONFORMANCE LETTERS ARE ISSUED BY THE CONSULTANT:
- FIRE PROTECTION ENGINEER TEST SPEC
  - NFPA-113 SPRINKLER CONTRACTOR'S MATERIAL & TEST CERTIFICATE
  - FIRE PROTECTION ENGINEER INSPECTION/COMFORMANCE LETTER
- ALL CERTIFICATES ARE TO BE SUBMITTED TOGETHER IN A SINGLE PACKAGE.

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.

The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for allocation of service from Consultant before commencement of the work.

The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions.

Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant.

Do not scale this drawing.

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**DEI**

55 Northland Road,  
Waterloo, ON, N2V 1Y8  
Phone: 519-725-3555  
Fax: 519-725-2515  
Website: [deiasociates.ca](http://deiasociates.ca)  
Project Number: 18299

**Consulting Engineers**

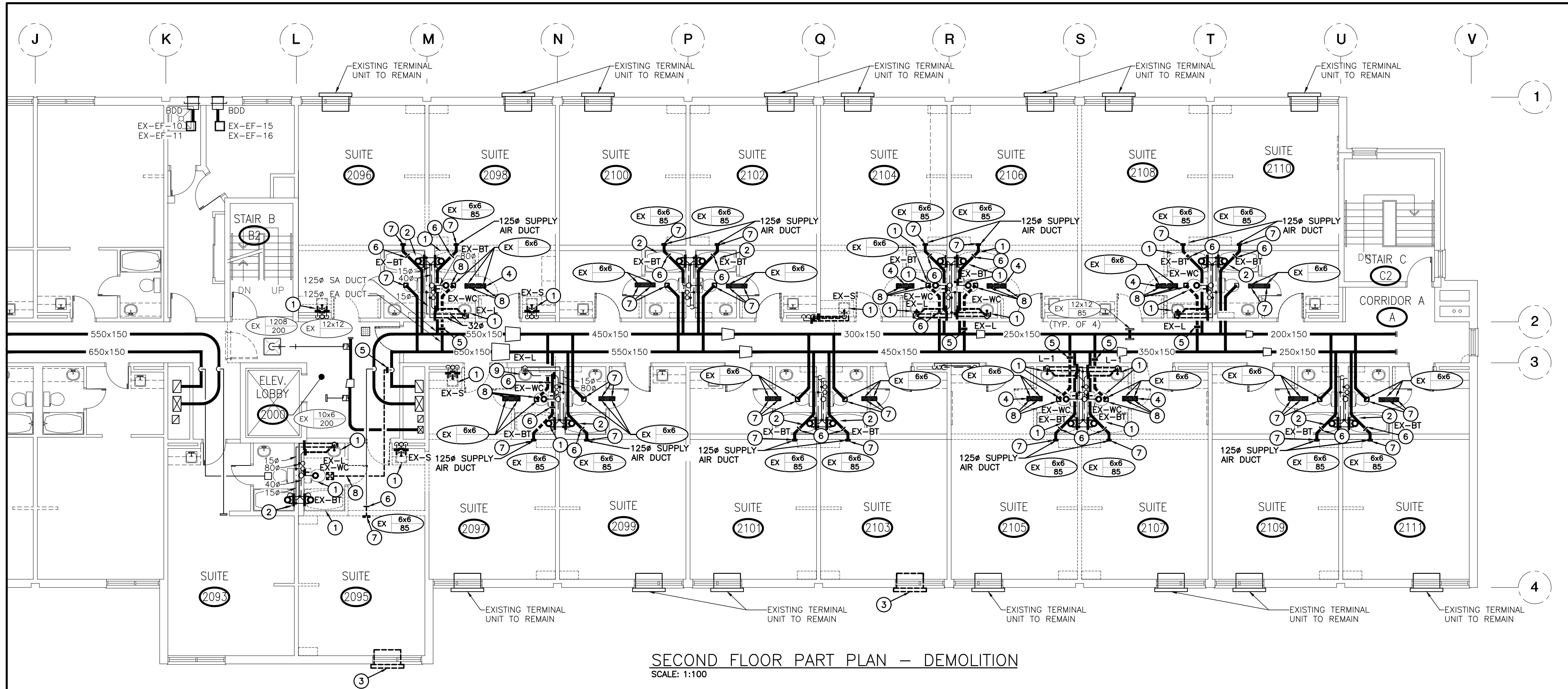
**MECHANICAL | ELECTRICAL | AQUATIC**

<div style="text-align: center;">  <p><b>SIMCOE VILLAGE RENOVATIONS PHASE 2 2019</b></p> <p><b>1090 SIMCOE STREET NORTH      OSHAWA, ONTARIO</b></p> <div style="display: flex; align-items: center; justify-content: center; margin-top: 20px;">  <div> <p><b>DURHAM COLLEGE</b></p> <p>SUCCESS MATTERS</p> </div> </div> </div>																			
DEC 12/18	ISSUED FOR TENDER																		
DEC 10/18	ISSUED FOR REVIEW																		
DATE	REVISIONS																		
<p><b>DRAWING</b></p> <p>KEY PLAN, LEGEND, SCHEDULES AND DETAILS</p>																			
<div style="text-align: center;">  </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 100px; vertical-align: top;">TRUE NORTH</td> <td style="width: 50%; height: 100px; vertical-align: top;">DWG. NORTH</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">JOB NO.</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">1910</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">SCALE</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">AS NOTED</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">DATE</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">DECEMBER 2018</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">PRINTED</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">DWG. NO.</td> </tr> </table>	TRUE NORTH	DWG. NORTH	JOB NO.		1910		SCALE		AS NOTED		DATE		DECEMBER 2018		PRINTED		DWG. NO.	
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PRINTED																			
DWG. NO.																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p><b>MOFFET &amp; DUNCAN</b></p> <p><b>architects inc.</b></p> <p>5052 DUNDAS ST. WEST ISLINGTON, ONT. M8A 1B9 TEL: (416) 239-2775 FAX: (416) 239-6729 EMAIL: <a href="mailto:mdarch@mdarch.ca">mdarch@mdarch.ca</a></p> </div> <div style="width: 50%; text-align: right;"> <p style="font-size: 2em; font-weight: bold; margin-top: 20px;">M1.1</p> </div> </div>																			

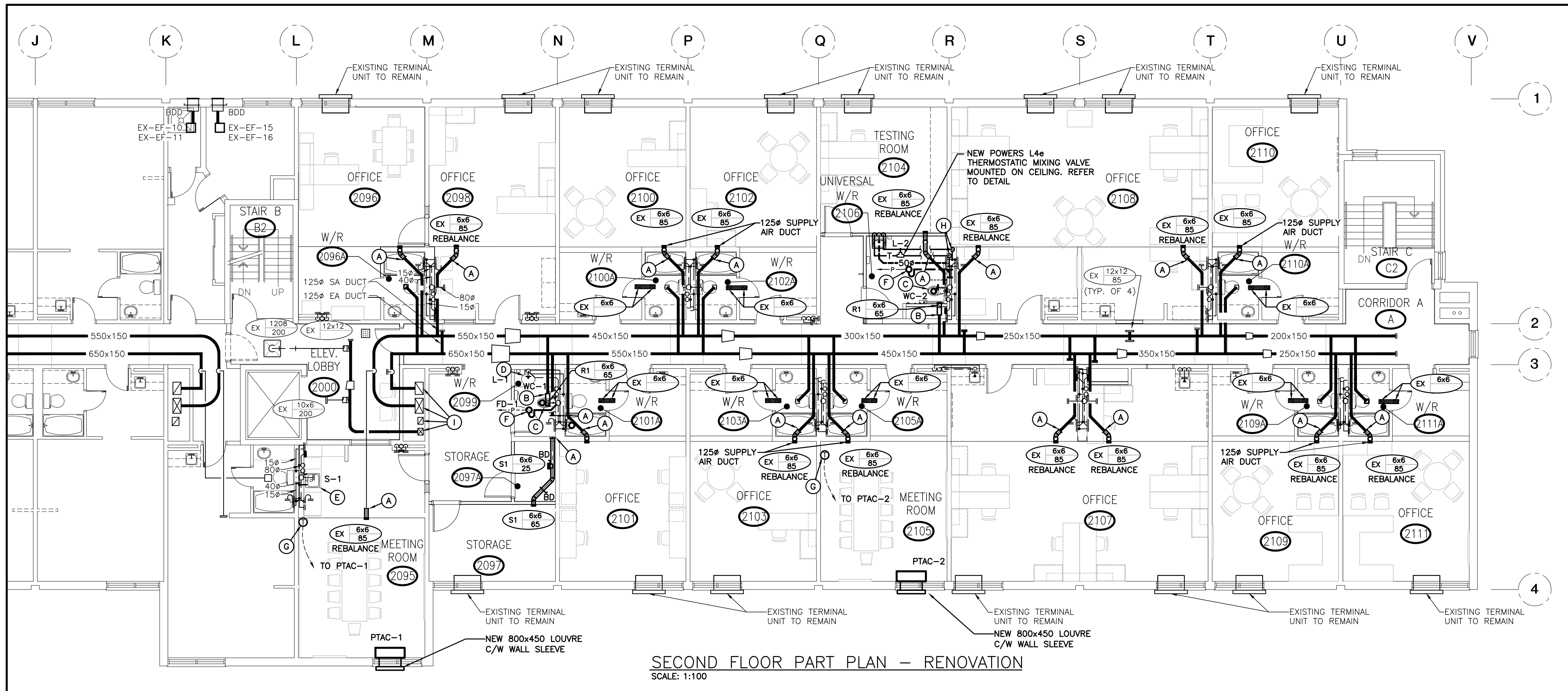








SECOND FLOOR PART PLAN - DEMOLITION  
SCALE: 1:100



SECOND FLOOR PART PLAN - RENOVATION  
SCALE: 1:100

### GENERAL DEMOLITION NOTES

- EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- EXISTING MECHANICAL ITEMS SHOWN BUT NOT NOTED AS BEING REMOVED OR RENOVATED SHALL REMAIN AS PRESENTLY INSTALLED AND OPERATING.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ON SITE ALL LOCATIONS AND SIZES OF ALL SERVICES & EQUIPMENT PRIOR TO THE COMMENCEMENT OF WORK.
- ALL OPENINGS THAT RESULT FROM THE REMOVAL OF EQUIPMENT OR SERVICES SHALL BE NEATLY PATCHED WITH SUITABLE NEW MATERIALS TO SUIT EXISTING CONSTRUCTION.
- REMOVAL OF EXISTING PIPING, OR DUCT SYSTEMS INCLUDES REMOVAL OF ALL HANGERS, INSULATION, FITTINGS, ETC.
- MAINTAIN INTEGRITY OF EXISTING SYSTEMS THAT ARE TO REMAIN OR BE MODIFIED.
- INSTALL NEW SYSTEM OR SERVICES WHERE REQUIRED TO MAINTAIN SYSTEM OPERATION PRIOR TO DEMOLITION OF EXISTING SERVICES.
- THIS CONTRACTOR IS TO REMOVE & REPLACE CEILINGS AS REQUIRED FOR REMOVAL/REPLACEMENT OF SERVICES.
- NOT ALL EXISTING PIPING, DUCTWORK, WIRING, ETC. IS INDICATED. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO REVIEW ALL EXISTING CONDITIONS ON SITE AND MAKE SURE ALL PIPING, DUCTWORK, WIRING, ETC. CAN BE INSTALLED AS INDICATED PRIOR TO SUBMITTING TENDER PRICE.

### SPECIFIC DEMOLITION NOTES

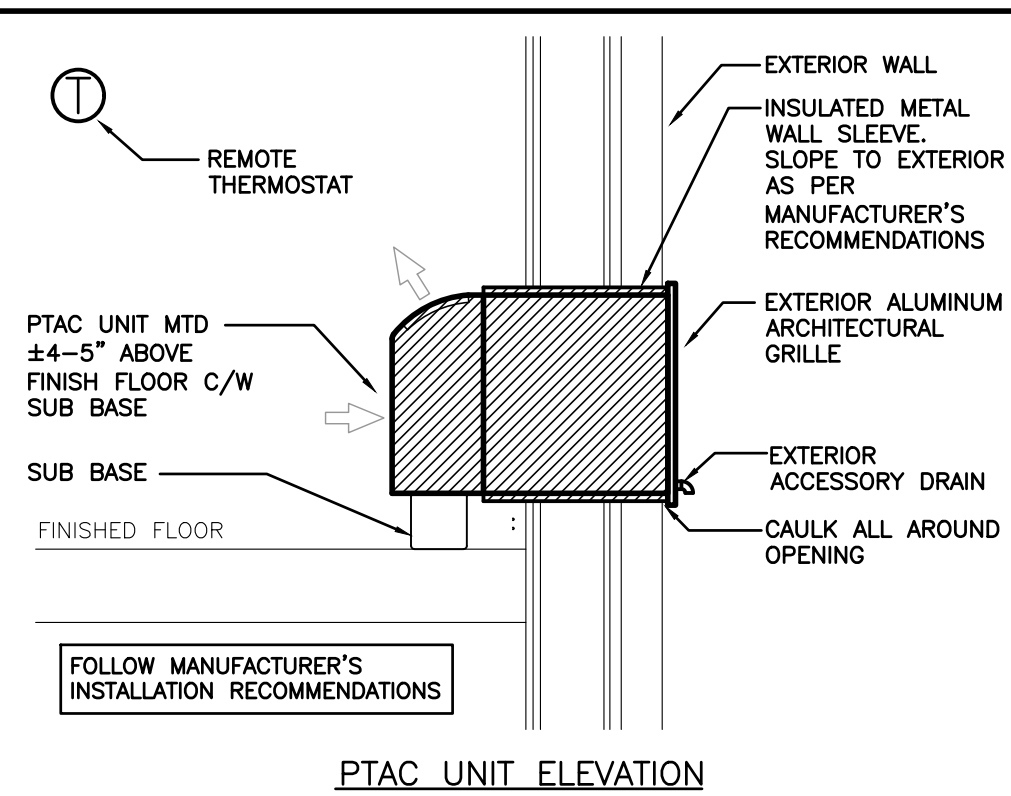
- EXISTING PLUMBING FIXTURE TO BE REMOVED COMPLETE. EXISTING DOMESTIC AND SANITARY PIPING TO BE CUT AND CAPPED ABOVE CEILING OR BELOW FLOOR.
- EXISTING BATH TUB TO BE DECOMMISSIONED. EXISTING DOMESTIC AND SANITARY PIPING TO BE CUT AND CAPPED ABOVE CEILING OR BELOW FLOOR.
- EXISTING THRU WALL INCREMENTAL UNIT AND ASSOCIATED WALL LOUVER TO BE REMOVED COMPLETE.
- EXISTING 150x150 TRANSFER DUCT TO BE REMOVED COMPLETE.
- EXISTING DUCTWORK TO BE CUT, CAPPED AND REMOVED BEYOND COMPLETE.
- EXISTING DUCTWORK TO BE CUT AND REMOVED COMPLETE.
- EXISTING GRILLE TO BE REMOVED, CLEANED AND REINSTALLED.
- EXISTING GRILLE TO BE REMOVED COMPLETE.
- EXISTING LAVATORY TO BE REMOVED COMPLETE. CUT EXISTING H&CW LINES AND SANITARY LINE AT WALL AND PREPARE FOR RECONNECTION.

### GENERAL RENOVATION NOTES

- CO-ORDINATE ANY OWSJ BRIDGING RELOCATION OR REMOVAL/REPLACEMENT WITH THE GENERAL CONTRACTOR. PAY ALL COSTS REQUIRED TO MODIFY BRIDGING FOR INSTALLATION OF DUCTWORK.
- CO-ORDINATE FINAL LOCATION OF GRILLES/DIFFUSERS ON SITE.
- CLEAN AND VACUUM EXISTING DUCTWORK ADJACENT TO NEW CONNECTIONS  $\pm 10'-0"$  IN EACH DIRECTION.

### SPECIFIC RENOVATION NOTES



- CONNECT NEW 125# SA DUCT TO EXISTING 125# SA DUCT.
- CONNECT NEW 125# EA DUCT TO EXISTING 125# EA DUCT.
- NEW WATER CLOSET. CONNECT NEW 15# CW LINE C/W ISOLATION VALVE AT WALL AND NEW 80# SAN CONNECTION BELOW FLOOR C/W FLANGE AND SEAL. MODIFY EXISTING PIPING AS REQUIRED.
- NEW LAVATORY. CONNECT NEW 15# H&CW C/W ISOLATION VALVES TO EXISTING 15# H&CW IN WALL (MODIFY PIPING AS REQUIRED). CONNECT NEW 32# SAN TO EXISTING IN WALL (MODIFY PIPING IN WALL AS REQUIRED).
- NEW COUNTER MTD SINK/LAVATORY. RUN NEW 15# H&CW AND 32# SAN TIGHT TO WALL THRU MILLWORK AND CONNECT TO EXISTING IN WALL (MODIFY PIPING IN WALL AS REQUIRED).
- CONNECT NEW FLOOR DRAIN WITH 50# CONNECTION TO EXISTING SANITARY STACK. MODIFY PIPING BELOW FLOOR AS REQUIRED.
- NEW THERMOSTAT/SENSOR. CONNECT WIRING TO NEW PTAC UNIT AS INDICATED. FISH THRU EXISTING DRYWALL PARTITIONS.
- 15# H&CW SERVING L-2 TO DROP IN WALL AND CONNECT TO EXISTING HEADER IN WALL.
- REBALANCE BRANCH DUCT AND EF/MUA IN MECHANICAL PENTHOUSE TO SUIT NEW CAPACITIES INDICATED ON DWG.



- NOTE:
- RE-BALANCE ALL NEW AND EXISTING DIFFUSERS, GRILLES & DUCTWORK TO CAPACITIES AS INDICATED AND SPECIFIED.

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.  
The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work.  
The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions.  
Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant.  
Do not scale this drawing.  
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DEC 12/18	ISSUED FOR TENDER
DEC 10/18	ISSUED FOR REVIEW
DATE	REVISIONS
<b>SIMCOE VILLAGE</b> <b>RENOVATIONS PHASE 2 2019</b> 1090 SIMCOE STREET NORTH OSHAWA, ONTARIO	
 <b>DURHAM COLLEGE</b> SUCCESS MATTERS	
DRAWING	
<b>SECOND FLOOR DEMOLITION AND RENOVATION PART PLANS</b>	
	TRUE NORTH DWG. NORTH
	JOB NO. 1910
SCALE AS NOTED	
DATE DECEMBER 2018	
PRINTED	
<b>MOFFET &amp; DUNCAN</b> architects inc. 5052 DUNDAS ST. WEST ISLINGTON, ONT. M9A 1B9 TEL: (416) 239-2775 FAX: (416) 239-6729 EMAIL: mdarch@mdarch.ca	
DWG. NO. <b>M2.2</b>	







MECHANICAL

PART A GENERAL NOTES

PROVIDE LABOUR, MATERIAL AND EQUIPMENT REQUIRED TO PROVIDE A COMPLETE INSTALLATION WITH QUALITY WORKMANSHIP ACCEPTABLE TO OWNER AND CONSULTANT.

OBTAIN ALL PERMITS AND PAY ALL TAXES, FEES, AND OTHER COSTS INCURRED WITH THIS WORK. FILE ALL PLANS, OBTAIN ALL NECESSARY APPROVALS, CERTIFICATES, SUBMIT ALL FINAL CERTIFICATES TO THE CONSULTANT, COMPLY WITH RULES AND RECOMMENDATIONS OF THE BOARD OF FIRE UNDERWRITERS, THE CANADIAN GAS ASSOCIATION, THE CANADIAN BUILDING CODE, AND ALL REQUIREMENTS OF THE LOCAL UTILITY COMPANY AND BY-LAWS. POST BUILDING PERMIT AT SITE IN ACCORDANCE WITH O.B.C. REQUIREMENTS.

PROVIDE TWO MARKED COPIES OF "RECORD DRAWINGS" SHOWING THE SYSTEM AS INSTALLED. THE CONTRACTOR WILL INCLUDE IN HIS TENDER \$375.00 FOR DEI & ASSOCIATES INC. TO CAD THE RED-LINE RECORD DRAWINGS. THE CAD DRAWINGS FILES WILL BE PROVIDED TO THE OWNER AS PART OF THE MAINTENANCE MANUALS.

VISIT THE SITE BEFORE SUBMITTING TENDERS TO EVALUATE ANY SITE CONDITIONS THAT MIGHT ARISE. INCLUDE ALL SITE CONDITIONS IN TENDER, EXTRAS WILL NOT BE ACCEPTED UNLESS BELIEVED TO BE REASONABLE BY THE OWNER AND CONSULTANT.

COORDINATE WITH OTHER CONTRACTORS INSTALLING EQUIPMENT OR MATERIAL AND ARRANGE EQUIPMENT IN PROPER RELATION WITH ALL OTHER TRADES. ENSURE SYSTEMS ARE SERVICEABLE.

CUTTING AND PATCHING SHALL BE BY THE CONTRACTOR REQUIRED TO INSTALL THE SERVICE.

THE DRAWINGS ARE DIAGRAMMATIC. THE SERVICES SHALL BE INSTALLED TO CONSERVE HEADROOM AND INTERFERE AS LITTLE AS POSSIBLE WITH THE FREE USE OF THE SPACES THROUGH WHICH THEY PASS.

ALL EQUIPMENT AND MATERIAL SHALL BE NEW. REPLACE ALL DAMAGED EQUIPMENT.

MATERIAL AND EQUIPMENT ARE NAMED IN THE SPECIFICATION TO ESTABLISH AN ACCEPTABLE STANDARD OF MATERIALS AND THE QUALITY OF WORKMANSHIP BY WHICH TO ADHERE.

SUBMIT THREE (3) COPIES OF SHOP DRAWINGS FOR ALL EQUIPMENT. THESE WILL BE REVIEWED BY THE CONSULTANT. RESUBMIT AS OFTEN AS MAY BE FOUND NECESSARY. SUBMIT ONE COMPLETE SUBMISSION IN A 3 RING BINDER INDEXED AND LABELLED FOR THIS PROJECT.

PROVIDE ALL NECESSARY PROTECTION FOR FINISHED OR UNFINISHED WORK. ALL OPENINGS IN PIPES, DUCTS AND EQUIPMENT SHALL BE CAPPED TO ENSURE SERVICES ARE KEPT CLEAN WHEN NOT IN USE.

MAINTAIN INSURANCE TO FULLY PROTECT THE CONTRACTOR, OWNER AND CONSULTANT FROM ANY AND ALL CLAIMS SUCH AS UNDER THE WORKMEN'S COMPENSATION ACT, ETC. POST PROJECT NOTIFICATION AT THE SITE IN ACCORDANCE WITH THE MINISTRY OF LABOUR REQUIREMENTS.

EXCAVATION AND BACK FILLING SHALL BE BY THE TRADE INSTALLING THE SERVICE. PROVIDE COMPACTED "A" GRAVEL FOR BEDDING AND BACKFILLING AS INDICATED. REMOVE SURPLUS MATERIAL FROM SITE.

PROVIDE STRUCTURAL SUPPORTS, PLATFORMS, SUPPORTING RODS, HANGERS, INSERTS AND BRACKETS FOR EQUIPMENT AND SERVICES. DO NOT SUPPORT SERVICES FROM STEEL DECK.

INSTRUCT THE OWNER'S STAFF IN THE CARE, MAINTENANCE AND OPERATION OF THE SYSTEMS.

SUBMIT THREE (3) COPIES OF OPERATING AND MAINTENANCE INSTRUCTIONS IN A 3 RING BINDER LABELLED FOR THE PROJECT.

REMOVE ALL PROTECTIVE COVERINGS, CLEAN AND POLISH ALL EQUIPMENT, FREE ALL OBSTRUCTIONS, CLEAN AND REPLACE ALL FILTERS WITH NEW, AND LEAVE ALL KEYS AND WRENCHES WITH THE OWNER.

ALL SURPLUS AND WASTE MATERIALS SHALL BE PROMPTLY REMOVED FROM THE PREMISES.

ALL AREAS NOT AFFECTED BY RENOVATION OR DEMOLITION SHALL REMAIN AS PRESENTLY INSTALLED UNLESS NOTED OTHERWISE.

THE OWNER WILL DECIDE WHICH ITEMS OR EQUIPMENT SHALL BE REMOVED THAT THEY WISH TO RETAIN AS THEIR PROPERTY. THE CONTRACTOR SHALL REMOVE ALL OTHER MATERIALS FROM THE PREMISES.

PROVIDE LAMICOID TAGS FOR IDENTIFICATION OF NEW EQUIPMENT ADDED.

ALL ELECTRICAL LINE AND LOW VOLTAGE WIRING WHICH IS TO BE PROVIDED BY THE MECHANICAL CONTRACTOR AS SPECIFIED ELSEWHERE HEREIN SHALL BE RUN IN EMT CONDUIT TO STANDARDS OF DIVISION 16000.

WARRANTY ALL MATERIAL AND EQUIPMENT FOR A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE OF SYSTEM.

VIDEO RECORDING OF NEW & EXISTING UNDERGROUND SERVICES PRIOR TO FINAL ACCEPTANCE OF THE NEW UNDERGROUND PLUMBING SYSTEM AND PRIOR TO POURING THE FLOOR THIS CONTRACTOR SHALL RETAIN A QUALIFIED CONTRACTOR TO VIDEO TAPE THE NEW AND REVISED SANITARY PIPING AND BRANCH PIPING. REPAIR ALL DEFICIENCIES TO THE SATISFACTION OF THE CONSULTANT PRIOR TO FINAL ACCEPTANCE. TRANSFER ALL VIDEOTAPE INFORMATION TO DVD. THIS CONTRACTOR SHALL FLUSH THE NEW AND EXISTING SANITARY SYSTEM TO REMOVE ALL DEBRIS PRIOR TO FINAL VIDEO TAPING OF SYSTEMS. PROVIDE 3 COPIES OF DVD. IDENTIFY VIDEO ROUTING ON RECORD DRAWINGS.

LOCATION OF EXISTING UNDERGROUND SERVICES THIS CONTRACTOR SHALL LOCATE EXISTING SERVICES PRIOR TO STARTING ANY WORK IN THE AFFECTED AREA. THIS CONTRACTOR SHALL USE A VIDEO CAMERA FOR THE EXISTING SANITARY DRAINAGE AT THE INDICATED CONNECTION POINT TO CONFIRM LOCATION, SIZE AND INVERT OF THE EXISTING PIPING.

EXISTING CONCRETE SLAB X-RAY/SCANNING THIS CONTRACTOR SHALL RETAIN THE SERVICES OF A QUALIFIED COMPANY TO PROVIDE AND X-RAY AND/OR SCAN OF THE EXISTING BURIED SERVICES IN WALL AND/OR FLOORS PRIOR TO STARTING ANY WORK IN THE AFFECTED AREA. FAILURE TO LOCATE EXISTING PIPING, CONDUIT REBAR ETC., SHALL NOT RELIEVE THIS CONTRACTOR OF REPAIR OF SAME PRIOR TO INSTALLING HIS SERVICE. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS AND/OR REPLACEMENT OF EXISTING SERVICES CAUSED BY CUTTING THE EXISTING CONCRETE SLABS AND/OR WALLS.

PIPE SLEEVES PROVIDE SCHEDULE 40 STEEL PIPE SLEEVES AT POINTS WHERE PIPES PASS THROUGH MASONRY, CONCRETE OR FIRE RATED ASSEMBLIES AND AS INDICATED. GROUT SLEEVES IN PLACE. MINIMUM 6 MM (1/4") CLEARANCE ALL AROUND, BETWEEN SLEEVE AND UNINSULATED PIPE OR BETWEEN SLEEVE AND INSULATION. CAULK BETWEEN SLEEVE AND PIPE IN FOUNDATION WALLS AND BELOW GRADE FLOORS WITH WATERPROOF FIRE RETARDANT NON-HARDENING MASTIC, WHERE SLEEVES PASS THROUGH WALLS OR FLOORS, PROVIDE SPACE FOR FIRESTOPPING, WHERE PIPES PASS THROUGH FIRE RATED WALLS, FLOORS AND PARTITIONS, MAINTAIN FIRE RATING INTEGRITY. ENSURE NO CONTACT BETWEEN COPPER TUBE OR PIPE AND FERROUS SLEEVE. FILL FUTURE-USE SLEEVES WITH LINK PLASTER OR OTHER EASILY REMOVABLE FILLER. COAT EXPOSED EXTERIOR SURFACES OF FERROUS SLEEVES WITH HEAVY APPLICATION OF ZINC RICH PAINT TO CGSB 1-GP-181M+AMDT-MAR-78.

DUCT SLEEVES PROVIDE MINIMUM 20 GAUGE DUCT SLEEVES WHERE DUCTS PASS THROUGH MASONRY, CONCRETE OR FIRE RATED ASSEMBLIES. MAINTAIN MINIMUM 25 MM CLEARANCE ALL AROUND OR TO THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEAL AT WALL AS INDICATED, WHERE DUCTS PASS THROUGH FIRE RATED WALLS, FLOORS AND PARTITIONS, MAINTAIN FIRE RATING INTEGRITY.

FIRE STOPPING THIS CONTRACTOR SHALL WORK WITH ALL OTHER CONTRACTORS ON THE PROJECT IN PROVIDING ONE COMMON METHOD OF FIRE STOPPING ALL PENETRATIONS MADE IN FIRE RATED ASSEMBLIES. ENSURE FIRESTOP MANUFACTURER REPRESENTATIVE PERFORMS ON SITE INSPECTIONS AND CERTIFIES INSTALLATION. SUBMIT INSPECTION REPORTS/CERTIFICATION AT TIME OF SUBSTANTIAL COMPLETION. PROVIDE SMOKE SEAL MATERIAL IN ALL FIRE APPROVED FIRE STOPPING AND SMOKE SEAL MATERIAL IN ALL FIRE SEPARATIONS AND FIRE RATINGS WITHIN ANNULAR SPACE BETWEEN PIPES,

DUCTS, INSULATION AND ADJACENT FIRE SEPARATION AND/OR FIRE RATING. FIRESTOPPING SHALL BE INSPECTED AND APPROVED BY LOCAL AUTHORITY PRIOR TO CONCEALMENT OR ENCLOSURE. INSTALL MATERIAL AND COMPONENTS IN ACCORDANCE WITH ULC CERTIFICATION, MANUFACTURERS INSTRUCTIONS AND LOCAL AUTHORITY. ACCEPTABLE MATERIALS: HLTI, 3M, AD SYSTEMS

PART B DEMOLITION NOTES

THIS PROJECT IS ONE OF A RETROFIT NATURE IN PART, AND WHICH WILL REQUIRE SOME DEMOLITION. ALLOW FOR ALL REMEDIAL WORK IN AREAS INDICATED ON THE DRAWINGS AND AS GENERALLY DEFINED IN THE RELEVANT SECTIONS OF THE SPECIFICATIONS.

THE SCOPE OF WORK IS ESSENTIALLY THE SELECTED DISCONNECTION AND/OR REMOVAL OF SERVICES AND/OR EQUIPMENT, PIPING, DUCTWORK ETC. AS INDICATED OR REQUIRED TO COMPLETE THE WORK.

THIS DIVISION IS TO LIASE WITH THE OWNERS OR CONSULTANT FOR EQUIPMENT BEING REMOVED THAT MAY BE SUITABLE FOR REUSE TO THAT SPECIFIED OR HANDED OVER TO THE OWNER.

THIS DIVISION TO TAKE FULL RESPONSIBILITY FOR ANY SPECIAL TOOLS OR EQUIPMENT REQUIRED TO DISASSEMBLE OR REMOVE MATERIAL FROM BUILDING.

THE GENERAL EXECUTION OF THE DEMOLITION IS TO BE CARRIED OUT IN A CLEAN AND EFFICIENT MANNER.

DEMOLITION OF EXISTING CEILING, WALLS ETC., TO FACILITATE REMOVAL OF EXISTING SERVICES OR EQUIPMENT OR INSTALLATION OF NEW TO BE KEPT TO A MINIMUM AND THEN RESTORED TO MATCH EXISTING.

ALL OPENINGS OR HOLES CREATED BY REMOVAL OF EXISTING MECHANICAL SYSTEMS WHICH ARE NOT BEING REUSED ARE TO BE PATCHED WITH THE SAME MATERIAL SURROUNDING SURFACES.

PROTECT ALL EXISTING FURNISHINGS MATERIALS AND EQUIPMENT. ANY DAMAGE OCCURRING AS A RESULT OF THE WORK OF THIS DIVISION SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THIS DIVISION.

WHERE WORK INVOLVES BREAKING INTO OR CONNECTING TO EXISTING SERVICES, CARRY OUT WORK AT TIMES DIRECTED BY THE OWNERS IN AN EXPEDIENT MANNER WITH MINIMUM DISRUPTION TO THE FACILITY AND SYSTEMS DOWNTIME.

WHERE UNKNOWN SERVICES ARE ENCOUNTERED, IMMEDIATELY ADVISE CONSULTANT AND CONFIRM FINDINGS IN WRITING.

WHERE THE LOCATION OF ANY SERVICES HAS BEEN SHOWN ON THE PLANS, SUCH INFORMATION IS NOT GUARANTEED. IT IS THIS DIVISION'S RESPONSIBILITY TO VERIFY LOCATIONS, INVERT ELEVATIONS, ETC., IMMEDIATELY AFTER MOVING ON SITE. SHOULD FOR ANY REASON THE INFORMATION OBTAINED NECESSITATES CHANGES IN PROCEDURE OR DESIGN, ADVISE THE CONSULTANT AT ONCE. IF VERIFICATION OF EXISTING CONDITIONS IS NOT DONE AT THE OUTSET AND ANY PROBLEMS ARISE, THE RESPONSIBILITY FOR SAME IS ENTIRELY THIS DIVISION'S.

DISCONNECT AND/OR REMOVE EQUIPMENT PIPING, DUCTWORK, ETC. AS INDICATED.

CAP AND CONCEAL ALL REDUNDANT AND OBSOLETE CONNECTIONS.

PROVIDE A LIST OF EQUIPMENT TO BE REMOVED TO THE OWNER, FOR HIS ACCEPTANCE OF SAME. REMOVE ALL EQUIPMENT FROM SITE WHICH THE OWNER DOES NOT RETAIN.

MAINTAIN EQUIPMENT TO BE RETAINED BY OWNER ON SITE WHERE DIRECTED BY CONSULTANT. DEMOLITION OF ALL PARTS OF THE WORK MUST BE COMPLETED WITHIN THE CONFINES OF THE WORK AREA AND IN SUCH A WAY AS THE DUST PRODUCED AND RISK TO INJURY OF WILL NOT ADVERSELY AFFECT THE BUILDING USERS.

DEMOLISHED AREAS OF THE EXISTING BUILDING WILL REMAIN IN THEIR CURRENT USE IN SOME CASES. DEMOLITION IN THESE AREAS MUST BE KEPT TO THE MINIMUM REQUIRED TO COMPLETE THE WORK.

DEMOLITION SHALL TAKE PLACE WITHIN AREAS ISOLATED FROM ALL OTHER AREAS WITH APPROPRIATE HOARDING, SCAFFOLDING, NETTING, FENCING OR OTHER MEANS OF SECURITY BETWEEN BUILDING USERS AND THE WORK.

CO-ORDINATE MAKING SAFE ELECTRICAL DEVICES, CAPPING PLUMBING AND REMOVAL OF FIXTURES PRIOR TO COMMENCEMENT OF DEMOLITION.

ALL PIPING AND EQUIPMENT TO BE REMOVED AND/OR ABANDONED SHALL BE DRAINED PRIOR TO CAPPING AND/OR ABANDONING. DISPOSAL OF ALL LIQUIDS SHALL BE TO THE APPROVAL OF AUTHORITY OF HAVING JURISDICTION AND/OR PROVINCIAL REGULATIONS.

DRAIN ALL EXISTING PIPING AND DRAINAGE SYSTEMS INCLUDING ALL RELATED EQUIPMENT AS REQUIRED TO FACILITATE SYSTEM RENOVATIONS.

DISPOSAL OF EXISTING SYSTEM SHALL BE TO THE REQUIREMENTS OF THE LOCAL AND/OR PROVINCIAL REGULATIONS.

PART C PLUMBING NOTES

CONTRACTOR TO PROVIDE POTABLE WATER CERTIFICATE FOR E. COLI AND COLIFORM FROM A RECOGNIZED TESTING LABORATORY UPON COMPLETION OF THE PROJECT. WATER IS TO BE TAKEN FROM A NEW FIXTURE TO TEST THE NEW PIPING INSTALLED.

SERVICES CONNECT TO EXISTING SERVICES WHERE SHOWN ON DRAWINGS.

CODES AND REGULATIONS SANITARY, SOIL, WASTE, VENT, AND ALL WATER PIPING SHALL CONFORM AND BE INSTALLED TO THE ONTARIO PLUMBING CODE AND THE CANADIAN PLUMBING CODE, LATEST EDITION.

TESTING SANITARY PIPING: ALL SANITARY PIPING SHALL BE TESTED WITH WATER UNDER THE GUIDANCE OF THE LOCAL PLUMBING INSPECTOR. SMOKE TESTS OR ANY OTHER TEST REQUIRED BY THE PLUMBING INSPECTOR SHALL ALSO BE MADE. WATER PIPING: ALL WATER PIPING SHALL BE TESTED TO 150 PSI. PRESSURE FOR NOT LESS THAN FOUR HOURS WITHOUT A LOSS IN PRESSURE.

FLUSHING AND DISINFECTING ENSURE A MINIMUM OF 90% OF PLUMBING FIXTURES ARE INSTALLED. FLUSH WATER MAINS THROUGH AVAILABLE OUTLETS WITH A SUFFICIENT FLOW OF POTABLE WATER TO PRODUCE A VELOCITY OF 1.5 M/S, WITHIN PIPE FOR 10 MIN, OR UNTIL FOREIGN MATERIALS HAVE BEEN REMOVED AND FLUSHED. WATER IS CLEAR WITH BACKFLOW PROTECTION. PROVIDE CONNECTIONS AND PUMPS FOR FLUSHING AS REQUIRED. OPEN AND CLOSE VALVES, AND OPERATE FIXTURES TO ENSURE THOROUGH FLUSHING. TAKE WATER SAMPLES AT REMOTE FIXTURES AND SERVICE CONNECTIONS.

PIPE AND FITTINGS SANITARY AND VENT DRAINS: (ABOVE GRADE), MEDIUM WEIGHT CAST IRON WITH MECHANICAL RUBBER JOINTS OR TYPE DWV COPPER PIPE. STORM, SANITARY AND VENT PIPING: (BELOW GRADE) PVC DRAINAGE PIPE TO SDR 35 WITH SOLVENT WELDED JOINTS. ABS DRAINAGE PIPE WITH SOLVENT WELDED JOINTS. WATER PIPING: TYPE L COPPER WITH LEAD FREE SOLDER JOINTS.

VALVES ISOLATION VALVES: HOT AND COLD WATER BRONZE BODY, CLASS 150, 1/2" DIA. STEEL BALL FULL PORT, PTFE SEAT, STEEL LEVER HANDLE. MILWAUKEE BA-455, CRANE, TOYO CHECK VALVES: HOT AND COLD WATER SIZES 1/2" DIAMETER TO 2" DIAMETER CRANE FIG. 1342, OR EQUAL JENKINS, BRONZE SWING CHECK, SOLDER ENDS. CRANE FIG. 29 OR EQUAL JENKINS VERTICAL LIFT CHECK VALVE, SCREWED ENDS ON VERTICAL PIPING. CLEAN OUTS

CLEAN OUTS PROVIDE AND SET CLEAN OUT PLUGS IN ALL DRAINS AND SOIL PIPE LINES WHERE OBSTRUCTIONS MAY BE FOUND, AT CHANGES OF DIRECTION, AT THE BASE OF ALL SANITARY STACKS AND AT INTERVALS, LENGTHS TO THE ONTARIO PLUMBING CODE. CLEAN OUTS SHALL BE FULL SIZES OF PIPES UP TO 4" DIAMETER AND NOT LESS THAN 4" DIAMETER FOR LARGER PIPES. ANCON CO-100-R OR EQUAL.

TRAP PRIMERS TRAP PRIMERS: ALL TRAPS WHERE REQUIRED BY THE CODE TO BE PRIMED OR WHERE SHOWN ON THE DRAWINGS SHALL HAVE 2" DIA. OR EQUAL TRAP SEAL PRIMER INSTALLED IN THE NEAREST COLD WATER LINE TO THE TRAP. TRAP PRIMER SHALL BE CONCEALED, PROVIDE ACCESS DOOR.

AIR CHAMBERS AIR CHAMBERS: SHALL BE ONE PIPE SIZE LARGER THAN THE BRANCH PIPE END AND AT LEAST 2'-0" HIGH.

DRAIN VALVES DRIP COCKS: SUPPLY AND INSTALL 1/2" DIAMETER MUELLER OR EQUAL DRAIN VALVES AT ALL LOW POINTS IN THE WATER SYSTEMS TO COMPLETELY DRAIN THE SYSTEMS. ALL DRIP COCKS SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS.

PLUMBING FIXTURES FIXTURES AS LISTED ON THE DRAWINGS. ALL FIXTURES MUST BE NEW AND CLEAN WHEN THE WORK IS TAKEN OVER BY THE OWNER. ALL PLUMBING FIXTURES SHALL BE EQUIPPED WITH SUPPLY VALVES, FAUCETS, TRAPS, SUPPORTS, WATER CONNECTIONS, ESCUTCHEONS, HANGERS, BOLTS, ETC. FIXTURES SHALL BE CRANE OR EQUAL AMERICAN STANDARD, KOHLER, TRAPS: 2" DIAMETER AND SMALLER, SHALL BE CAST BRASS AND CHROME PLATED IN EXPOSED AREAS. ALL SINK TRAPS SHALL BE TWO PIECE CONSTRUCTION, ON COMPLETION ALL FIXTURES, ACCESSORIES AND EXPOSED PIPING SHALL BE THOROUGHLY CLEANED AND LEFT READY FOR USE. AFTER FINAL INSPECTION BY THE PLUMBING INSPECTOR CAULK AROUND BASE OF ALL FIXTURES TO THE WALL OR FLOOR WITH SILICONE CAULKING.

PIPE INSULATION INSULATE ALL DOMESTIC HOT AND COLD WATER PIPING ABOVE GRADE. WITH 1" FIBERGLASS INSULATION WITH VAPOUR BARRIER. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS. RECOVER EXPOSED PIPING WITH 6 OZ. CANVAS JACKET AND TWO COATS LAGGING ADHESIVE OR PVC JACKET.

PART D SPRINKLER NOTES

SERVICES CONNECT TO EXISTING SERVICES WHERE SHOWN ON DRAWINGS.

CODES AND REGULATIONS ALL SPRINKLER PIPING, SPACING AND EQUIPMENT SHALL CONFORM TO THE ONTARIO BUILDING CODE, NFPA-13R AND THE AUTHORITIES HAVING JURISDICTION.

TESTING PIPING SHALL BE TESTED TO NFPA-13R REQUIREMENTS.

PRODUCTS PIPE AND FITTINGS: 50 mm (2") AND SMALLER: TO AUTHORITY HAVING JURISDICTION. ULC LISTED FOR FIRE PROTECTION SERVICES.

SPRINKLER HEADS: GENERAL: TO NFPA-13R AND ULC LISTED FOR FIRE SERVICES. SPRINKLER HEADS SHALL BE FULLY CONCEALED WITH WHITE COVER. COORDINATE LOCATION WITH REFLECTED CEILING PLANS.

ENGINEERING DESIGN CRITERIA DESIGN SYSTEM IN ACCORDANCE WITH LOCAL AUTHORITY HAVING JURISDICTION, AND NFPA 13R, USING FOLLOWING PARAMETERS: HAZARD TO SUIT OCCUPANCY. PIPE SIZES AND SPACING: TO NFPA 13R AND AS DIRECTED BY AUTHORITIES. HYDRAULIC DESIGN OR PIPE SCHEDULE SIZING DESIGN. SPRINKLER HEAD LAYOUT: TO NFPA 13R OR AS DIRECTED BY AUTHORITIES HAVING JURISDICTION, AND/OR AS INDICATED.

WATER SUPPLY: CONDUCT FLOW AND PRESSURE TEST OF WATER SUPPLY IN VICINITY OF PROJECT TO OBTAIN CRITERIA FOR BASES OF DESIGN IN ACCORDANCE WITH NFPA 13R. INDICATE LOCATION AND FLOW ON SHOP DRAWINGS.

PROVIDE COMPLETE DRAWINGS AND CALCULATIONS STAMPED BY A QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO.

PROFESSIONAL ENGINEER SHALL PROVIDE ON SITE REVIEW AND CERTIFICATION FOR LOCAL BUILDING CODE REVIEW.

INSTALLATION

INSTALL, INSPECT AND TEST TO ACCEPTANCE IN ACCORDANCE WITH ANSI/NFPA-13R. TESTING TO BE WITNESSED BY AUTHORITY HAVING JURISDICTION. SPACE HANGERS AND SUPPORT OF SPRINKLER PIPING IN ACCORDANCE WITH NFPA REGULATIONS. PROTECT EXPOSED WORK. DO NOT COVER OR CONCEAL PIPING ACCESSORIES OR WORK PRIOR TO INSPECTION AND APPROVAL BY AUTHORITIES HAVING JURISDICTION. ADJUST EQUIPMENT TO SATISFACTION OF AUTHORITY HAVING JURISDICTION AND CONSULTANT. PROTECT EQUIPMENT DURING PAINTING. REPLACE DAMAGED AND PAINTED COMPONENTS. COORDINATE THE SPRINKLER PIPING AND EQUIPMENT WITH THAT OF OTHER TRADES ON THE JOB. MAINS AND BRANCHES SHALL BE RUN SO AS NOT TO INTERFERE WITH BUILDING'S STRUCTURE, MECHANICAL OR ELECTRICAL INSTALLATIONS. GUARANTEE THAT THE SYSTEMS AND EQUIPMENT BE INSTALLED IN ACCORDANCE WITH ALL LOCAL AND PROVINCIAL BY-LAWS AND THE RULES AND REGULATIONS OF THE INSURANCE UNDERWRITERS AND THE BUILDING CODE OF ONTARIO.

PART E HEATING, AIR CONDITIONING, AND VENTILATION NOTES

DUCTWORK TO BE CONSTRUCTED TO SMACNA STANDARDS, MEDIUM STATIC PRESSURE WITH LEAKAGE RATE OF 5% MAXIMUM. FABRICATED IN ACCORDANCE WITH RECOMMENDATIONS OF SMACNA AND ASHRAE. SEAL ALL TRANSVERSE AND LONGITUDINAL JOINTS WITH DUCT SEALER AND/OR FOIL TAPE.

DUCT CONSTRUCTION: ROUND AND OVAL DUCTS: FACTORY FABRICATED, OR LOCK SEAM, WITH MATCHING FITTINGS AND SPECIALS TO SMACNA. TRANSVERSE JOINTS UP TO 900 MM (36"); SLIP TYPE WITH TAPE AND SEALANTS ON ALL LONGITUDINAL AND TRANSVERSE JOINTS. PROVIDE ALUMINUM DUCT FOR DRYER EXHAUST.

SQUARE AND RECTANGULAR: TO SMACNA. TRANSVERSE JOINTS, LONGEST SIDE/UP TO AND INCLUDING 750 MM (30"); SMACNA PROPRIETARY DUCT JOINTS.

EXHAUST VENT(S) PLASTIC OR ALUMINUM EXHAUST VENTS C/W INTEGRAL BACK DRAFT DAMPER, SIZES AS SHOWN ON THE DRAWINGS. VENTS SHALL BE C/W DUCT EXTENSION. COLOUR AND FINISHED SELECTED BY THE ARCHITECT.

GRILLES, REGISTERS AND DIFFUSERS GRILLES, REGISTERS AND DIFFUSERS SHALL BE THE SAME MANUFACTURER. TYPE AS SHOWN ON THE DRAWING. ACCEPTABLE MATERIALS: E.H. PRICE, TITUS, NAILOR, KRUEGER, TUTTLE & BAILEY, METALAIR.

FILTERS SUPPLY AND INSTALL FILTERS FOR EXISTING EQUIPMENT SERVING RENOVATED AREAS.

1" DISPOSABLE FILTER MEDIA SHALL BE SUPPLIED FOR USE DURING THE CONSTRUCTION. A COMPLETE SET OF NEW FILTER MEDIA SHALL BE INSTALLED BEFORE TESTING AND BALANCING.

EXHAUST FAN(S) EXHAUST FAN(S) TYPE AND PERFORMANCE IN THE SCHEDULE AS SHOWN ON THE DRAWING AND/OR HEREIN. INSTALL EXHAUST FANS AS PER MANUFACTURERS RECOMMENDATIONS. FANS SHALL BE AMCA LABELLED.

DUCTWORK INSULATION ON THE LAST 5'-0" OF ALL EXHAUST DUCTS, INCLUDING PLENUM. FIBERGLASS FOIL FACED RIGID DUCT INSULATION 1" THICK TYPE PF-335-3/4 LB. DENSITY WITH RFRK FACING. GLUE AND PIN AS PER MANUFACTURERS RECOMMENDATIONS.

ACOUSTIC DUCT LINER RIGID DUCT LINER 1" THICK 36 KG/M WITH NEOPRENE LINER GLUED AND FINISHED TO INSIDE SURFACE OF DUCTWORK. MINIMUM 3.0M (10') FROM ALL AIR HANDLERS AND WHERE SHOWN ON DRAWINGS. SEAL ALL EXPOSED EDGES. DUCT SIZING REPRESENTS CLEAR INSIDE DIMENSIONS.

DAMPERS SPLITTER DAMPERS WITH CONTROL ROD WITH LOCKING DEVICE ON EXTERIOR OF DUCT. DAMPERS TO BE SINGLE THICKNESS ONE GAUGE HEAVIER THAN

CUT AIRFOIL SHAPE DOUBLE THICKNESS ONE GAUGE HEAVIER THAN DUCT. BALANCING SINGLE BLADE BALANCING DAMPERS WITH LOCKING QUADRANT. ROUND BALANCING DAMPERS TO BE 1/16" THICK. RECTANGULAR BALANCING DAMPERS TO BE 1/16" THICK. MULTI-LEAF OPPOSED BLADE DAMPERS DESIGNED TO SMACNA DETAILS WITH LOCKING QUADRANT. MANUFACTURED ADJUSTABLE EXTRACTORS TO BE WITH ADJUSTMENT ROD. ACCEPTABLE PRODUCTS: TITUS, NAILOR APPROVED DAMPERS OF THICKNESS' AND TYPES OF CONSTRUCTION IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS.

PACKAGED TERMINAL HEATING/COOLING UNIT FACTORY-ASSEMBLED, SINGLE PIECE HEATING AND/OR COOLING UNIT. CONTAINED WITHIN THE UNIT ENCLOSURE SHALL BE COMPRESSOR, COILS, FANS AND FAN MOTOR, HEATING MEANS, CONTROLS, ALL WIRING AND PIPING, AND A FULL REFRIGERANT CHARGE (R-410A).

FRONT PANEL (SUPPLIED WITH UNIT) AND WALL SLEEVE SHALL BE OF INSULATED METAL. FRONT PANEL TO HAVE LOUVERS IN FRONT SURFACE.

EVAPORATOR (INDOOR) FAN SHALL BE A SINGLE-INLET SQUIRREL CAGE BLOWER WITH A CORROSION-RESISTANT FINISH, DISCHARGING AIR OUT THE REAR OF THE UNIT, AND SHALL BE DYNAMICALLY BALANCED.

CONDENSER (OUTDOOR) FAN SHALL BE A PROPELLER TYPE WITH CORROSION-RESISTANT FINISH, DISCHARGING AIR OUT THE REAR OF THE UNIT, AND SHALL BE DYNAMICALLY BALANCED.

MOTOR SHALL BE TOTALLY ENCLOSED, PERMANENTLY LUBRICATED, AND MULTIPLE SPEED.

THE COMPRESSOR SHALL BE FULLY HERMETIC WITH INTERNAL AND EXTERNAL VIBRATION ISOLATION.

THE COILS SHALL HAVE ALUMINUM PLATE FINS MECHANICALLY BONDED TO SEAMLESS COPPER TUBES INTERNALLY ENHANCED (GROOVED) WITH ALL JOINTS BRAZED.

ALL REFRIGERATION COMPONENTS, PIPING, COMPRESSOR, AND EXPANSION DEVICES SHALL BE INCLUDED.

CONTROLS SHALL CONSIST OF PUSHBUTTON FULLY PROGRAMMABLE 7-DAY OFF/FAN/HEAT/COOL ADJUSTABLE THERMOSTAT WITH UPPER AND LOWER LIMITS, VENT OPEN/CLOSE, AND FAN CYCLE SWITCHES.

SAFETIES SHALL CONSIST OF AUTOMATIC RESET OVER-TEMPERATURE AND OVERCURRENT PROTECTION FOR COMPRESSOR, INHERENT, AUTOMATIC RESET OVER-TEMPERATURE PROTECTION FOR FAN MOTOR; TWO OVER-TEMPERATURE PROTECTORS FOR HEATER.

UNIT SHALL BE CAPABLE OF STARTING AND RUNNING AT 115 F AMBIENT OUTDOOR TEMPERATURE PER MAXIMUM LOAD CRITERIA OF CSA/ARI 310/380/CSA-C744. COMPRESSOR WITH STANDARD CONTROLS SHALL BE CAPABLE OF OPERATION DOWN TO 55 F AMBIENT OUTDOOR TEMPERATURE FOR COOLING.

UNITS SHALL BE FACTORY PRE-WIRED FOR HARDWIRED CONNECTION.

FILTER SHALL BE ONE-PIECE WASHABLE TYPE THAT FILTERS SUPPLY AIR AND ONE-PIECE WASHABLE TYPE FILTER IN VENT DOOR FILTERS OUTDOOR AIR.

ACCESSORIES: - FACTORY-INSTALLED ELECTRIC HEATER FOR USE WITH HEAT/COOL UNITS. - RC - REMOTE CONTROL PERMITS UNIT CONTROL FROM REMOTE THERMOSTAT. - ARCHITECTURAL GRILLE (ALUMINUM). - HARD-WIRE KIT. - DRAIN KIT. - SUBBASE. - WALL SLEEVE.

ACCEPTABLE MATERIALS: APPLIED COMFORT GE CARRIER LENNOX TRANE

REFRIGERANT PIPING STREAMLINE ARC COPPER TUBING HARD TEMPER AS MANUFACTURED BY MUELLER BRASS OR EQUAL. ELBOW AND FITTINGS SHALL BE STREAMLINE WROUGHT COPPER SOLDER TYPE. ALL JOINTS SHALL BE MADE WITH SIL-FOS SILVER BRAZING. PURGE SYSTEM WITH NITROGEN DURING SOLDERING AFTER COMPLETION THE ENTIRE PIPING SYSTEM SHALL BE PRESSURE TESTED AND CLEANED.

SPLIT AIR CONDITIONER AC UNIT: INDOOR R410A DX WALL MOUNTED FAN COIL C/W FAN, COIL FAN MOTOR, PIPING CONNECTIONS, DRAIN PAN, ELECTRICAL CONNECTION AND MICROPROCESSOR CONTROLS C/W WALL MOUNTING BRACKET AND HARDWARE. THE UNIT SHALL ALSO BE COMPLETE WITH NETWORK INTERFACE CARD, COMPRESSOR AND STANDALONE CONTROLS AND THERMOSTAT SHORT-CYCLE CONTROL, SETBACK CONTROL, SYSTEM AUTO RESTART AND HIGH/LOW TEMPERATURE ALARMS. CAPACITY AS INDICATED. THIS CONTRACTOR TO COMPLETE ALL CONTROL WIRING IN CONDUIT TO THE STANDARDS OF THE ELECTRICAL SPECIFICATION FOR A COMPLETE SYSTEM. ACCEPTABLE MANUFACTURERS: LG, DAIKIN, MITS

SPLIT AIR CONDITIONER OUTDOOR CONDENSING UNITS: OUTDOOR FACTORY ASSEMBLED AND TESTED SINGLE PIECE AIR COOLED CONDENSING UNIT, C/W SCROLL COMPRESSOR, DIRECT DRIVE CONDENSOR FAN AND ALL SAFETIES AND OVERLOAD PROTECTION FOR A COMPLETE PRODUCT. THE UNIT SHALL BE CAPABLE OF BEING CONNECTED TO THE EVAPORATOR SECTION USING PRE-CHARGED REFRIGERANT LINE SETS. NO PIPING, BRAZING, DEHYDRATION OR CHARGING SHALL BE REQUIRED. CONDENSOR SHALL BE DESIGNED FOR 35°C (95°F) AMBIENT AND CAPABLE OF OPERATION TO -34.4°C (-30°F). UNIT SHALL BE DESIGN TO OPERATE AT A SOUND LEVEL LESS THAN 58dBA. CAPACITY AS INDICATED TO MATCH FAN COIL. ACCEPTABLE MANUFACTURERS: LG, DAIKIN, MITS

PIPE INSULATION INSULATE ALL REFRIGERANT PIPING WITH 1" (FOR PIPING UNDER 1 1/2" DIAMETER) OR 1 1/2" (FOR PIPING 1 1/2" DIAMETER AND HIGHER) ARMAFLEX INSULATION WITH VAPOUR BARRIER. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS. RECOVER EXPOSED PIPING WITH ALUMINUM JACKET.

SYSTEM BALANCING BALANCE AIR SYSTEMS USING NEBB CERTIFIED FIRM AND AS PER NEBB REQUIREMENTS TO WITHIN 5% OF TOTAL SYSTEM CAPACITY. PROVIDE 3 COPIES OF BALANCING REPORTS C/W SYSTEM SCHEMATICS.

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work. The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. The drawings and documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing. © 2018 DEI & Associates Inc.



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Project Number: 18299

## Consulting Engineers

MECHANICAL | ELECTRICAL | AQUATIC


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DATE		REVISIONS

SIMCOE VILLAGE  
RENOVATIONS PHASE 2 2019  
1090 SIMCOE STREET NORTH      OSHAWA, ONTARIO



DRAWING

MECHANICAL SPECIFICATION



TRUE NORTH	DWG. NORTH
	JOB NO.
1910	SCALE
AS NOTED	DATE
	DECEMBER 2018
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## MOFFET & DUNCAN

architects inc.

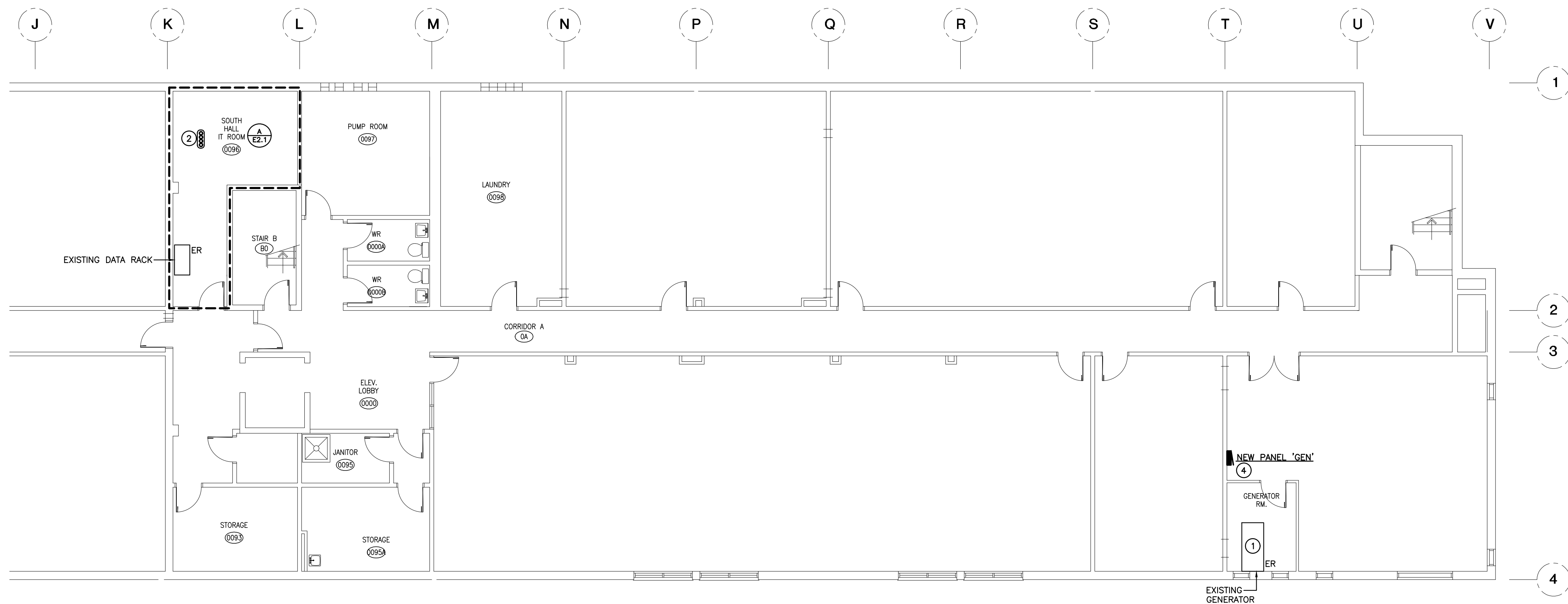
5052 DUNDAS ST. WEST  
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TEL: (416) 238-2775  
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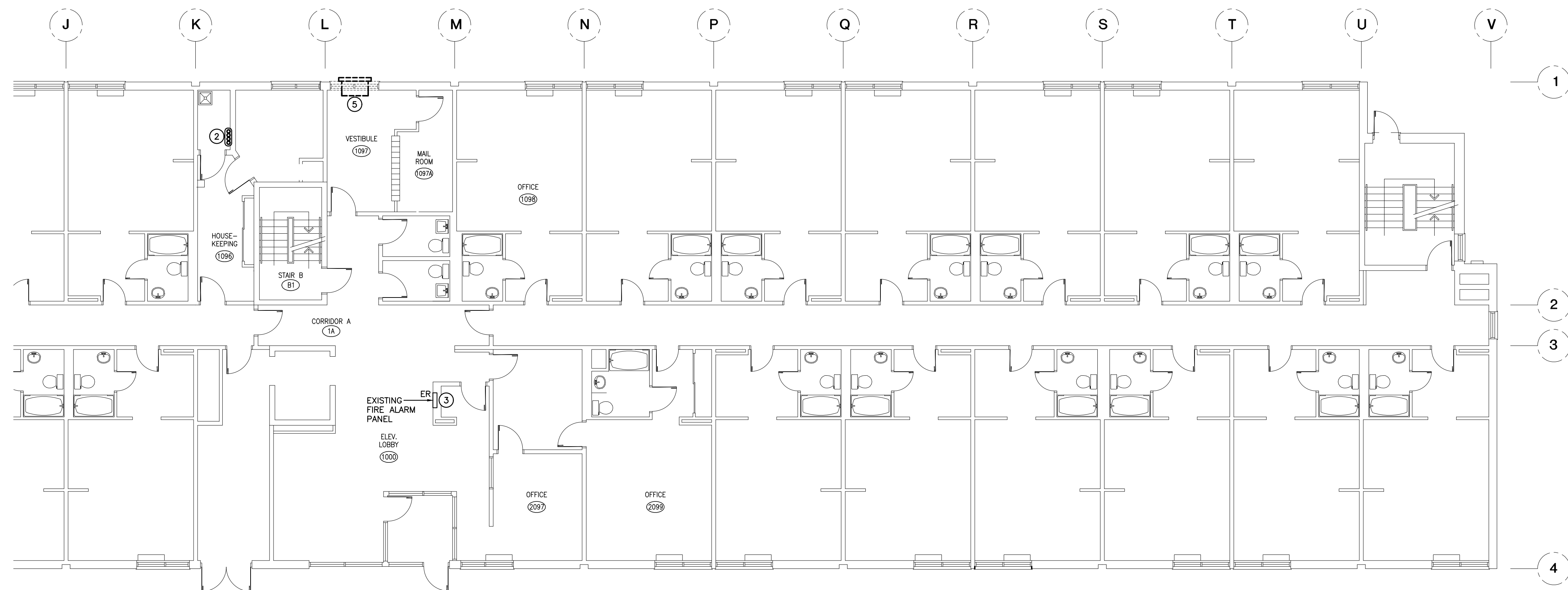
BASEMENT PART PLANS — DEMOLITION/RENOVATION  
SCALE: 1:100

#### GENERAL RENOVATION NOTES

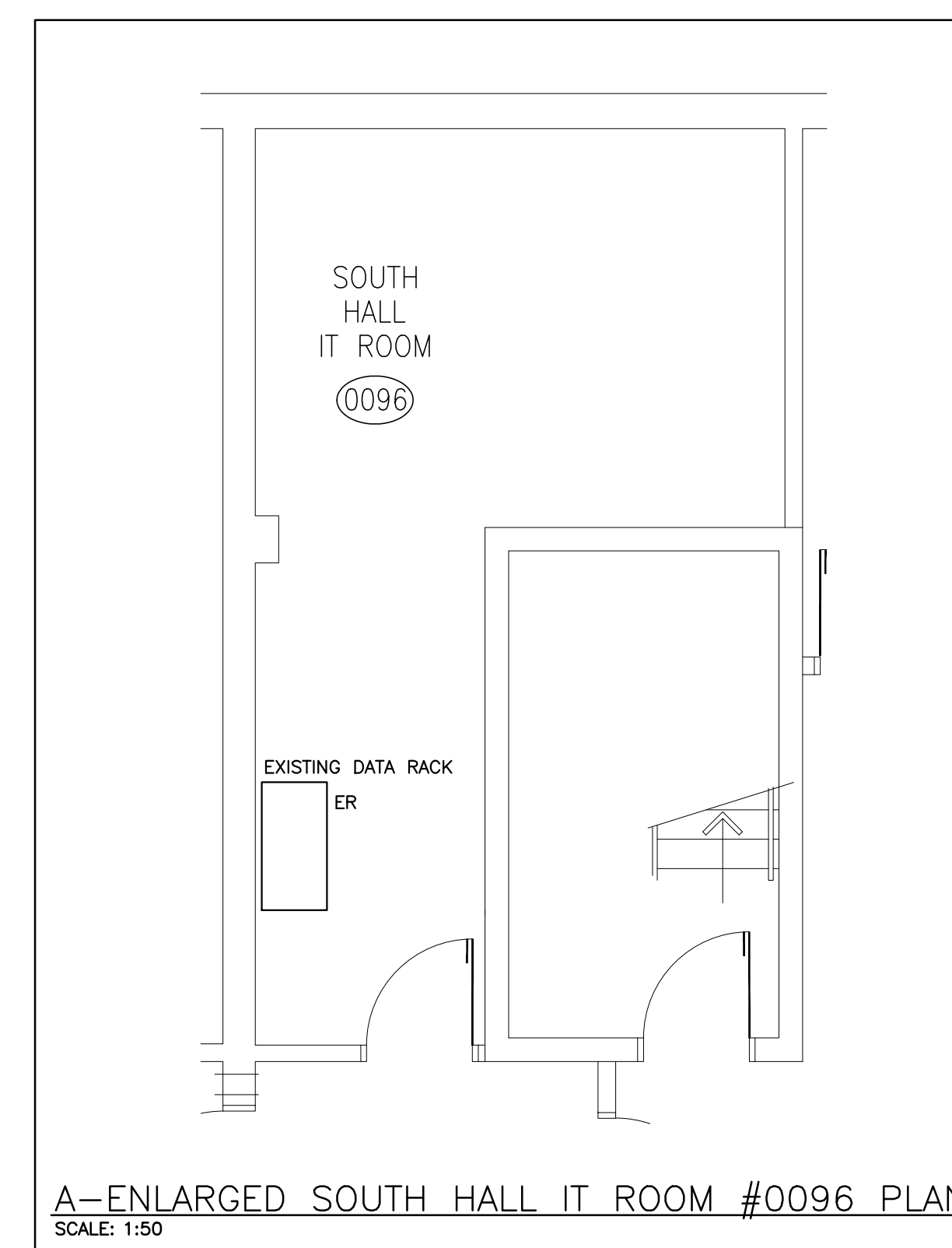
- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

#### SPECIFIC RENOVATION NOTES

- 1 INDICATES LOCATION OF EXISTING GENSET (17.5kVA, 600V, 3PH).
- 2 INDICATES PROPOSED ROUTING OF NEW GENERATOR BRANCH CIRCUITS AND TELECOMM RISER CONDUITS WITHIN SERVICE ROOM FROM BASEMENT LAN ROOM AND UP TO 2ND FLOOR.
- 3 INDICATES LOCATION OF EXISTING FIRE ALARM CONTROL PANEL (EDWARDS EST3).
- 4 INDICATES PROPOSED LOCATION OF NEW GENERATOR BACKED BRANCH CIRCUIT PANEL 'GEN'.
- 5 INDICATES EXISTING INCREMENTAL UNIT BEING REMOVED BY DIV. 15. THIS CONTRACTOR IS TO DISCONNECT AND REMOVE FEEDER BACK TO SOURCE. DISCONNECT AND REMOVE ALL CONTROL DEVICES. LABEL SOURCE BREAKER AS SPARE.



FIRST FLOOR PART PLAN — DEMOLITION/RENOVATION  
SCALE: 1:100



A—ENLARGED SOUTH HALL IT ROOM #0096 PLAN  
SCALE: 1:50

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**SIMCOE VILLAGE  
RENOVATIONS PHASE 2 2019**  
1090 SIMCOE STREET NORTH OSHAWA, ONTARIO

**DURHAM COLLEGE**  
SUCCESS MATTERS

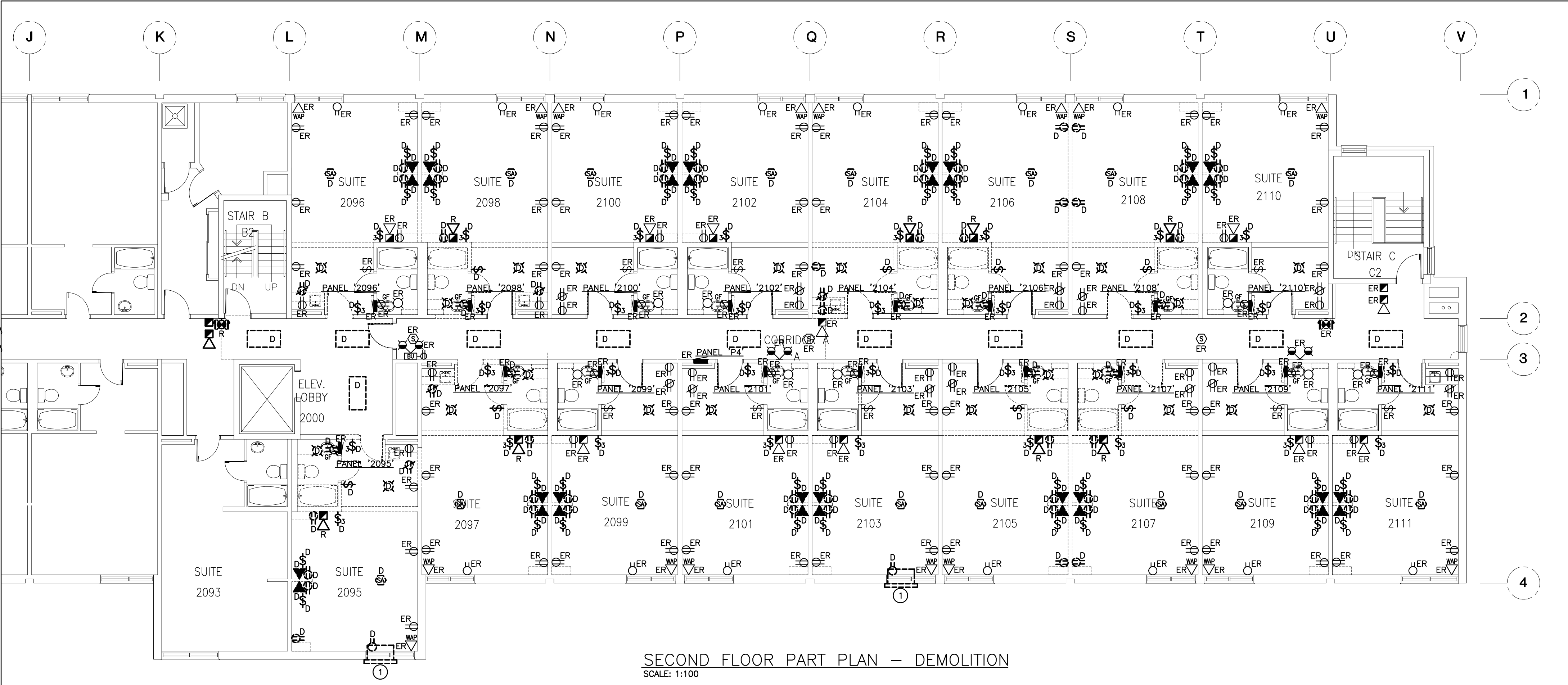
DRAWING  
BASEMENT AND FIRST FLOOR  
DEMOLITION AND RENOVATION  
PART PLANS

TRUE NORTH	DWG. NORTH
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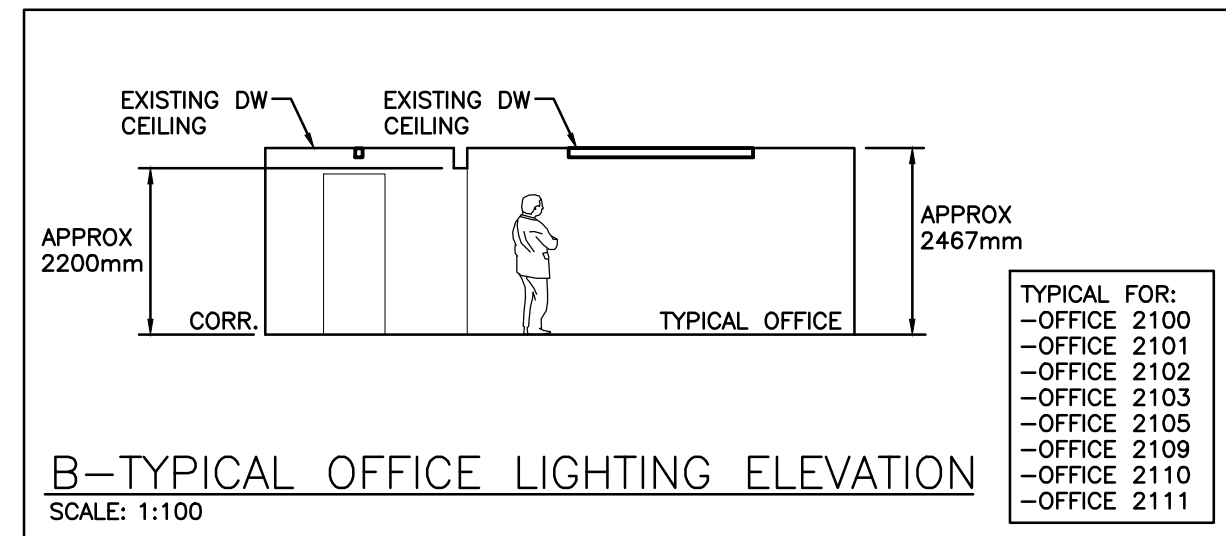
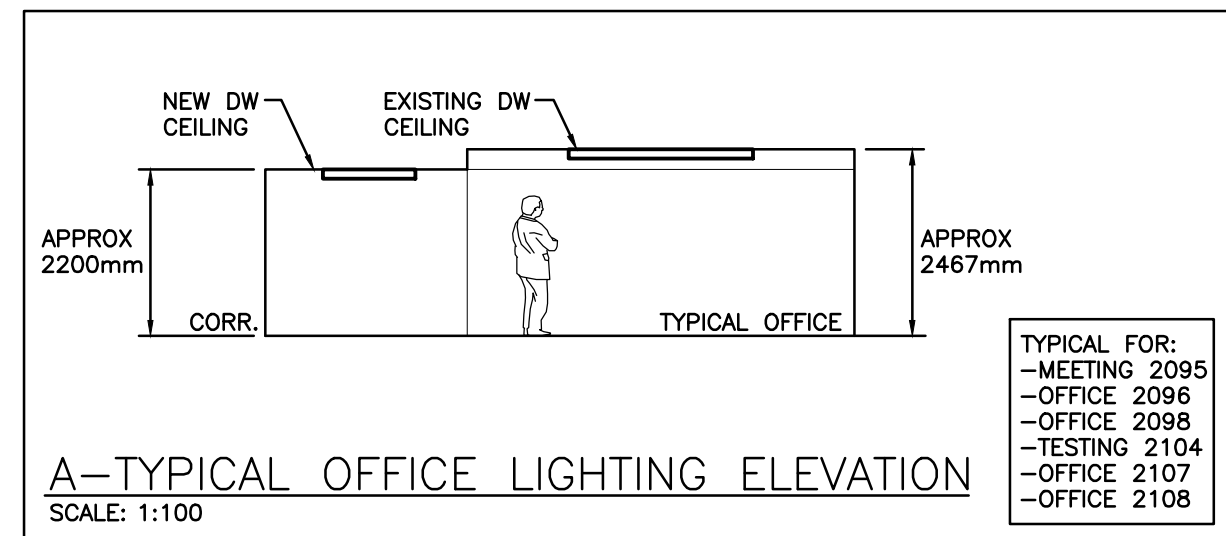
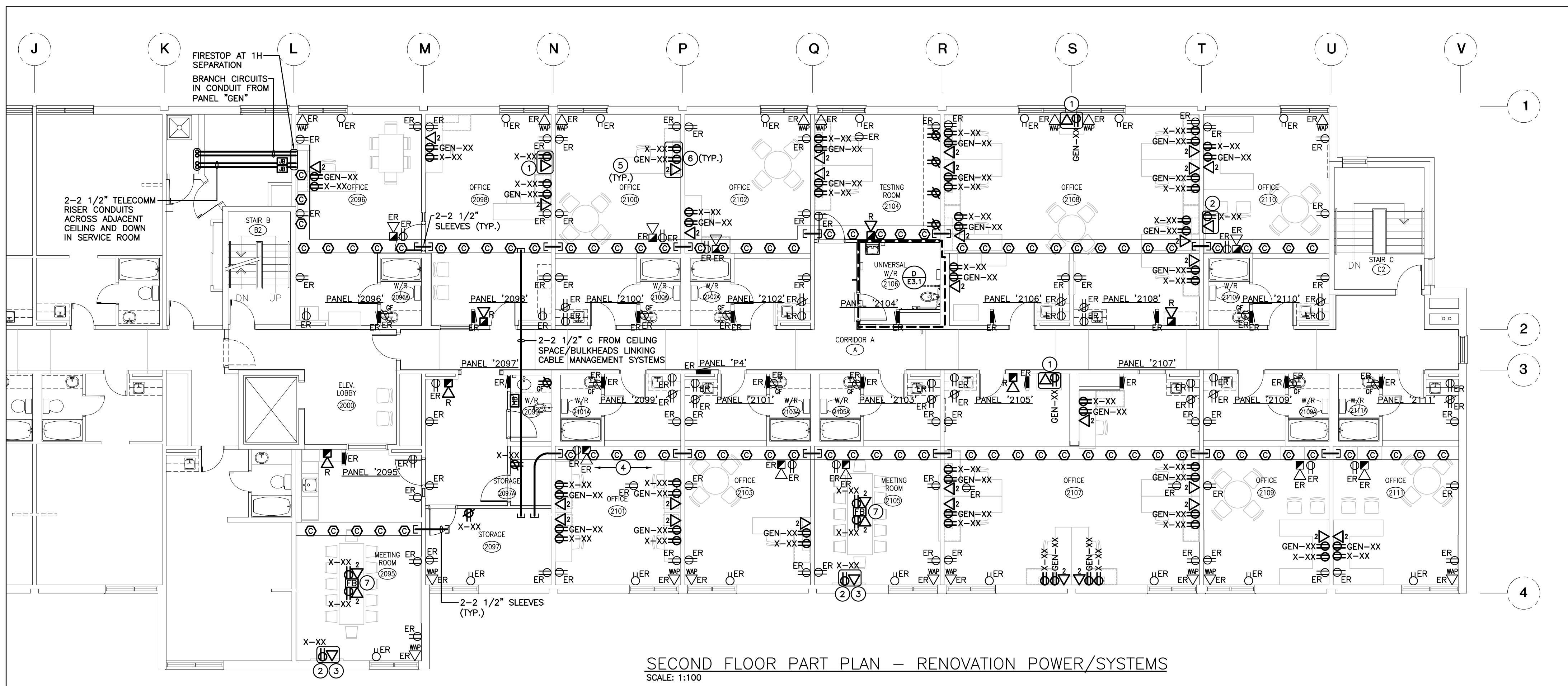
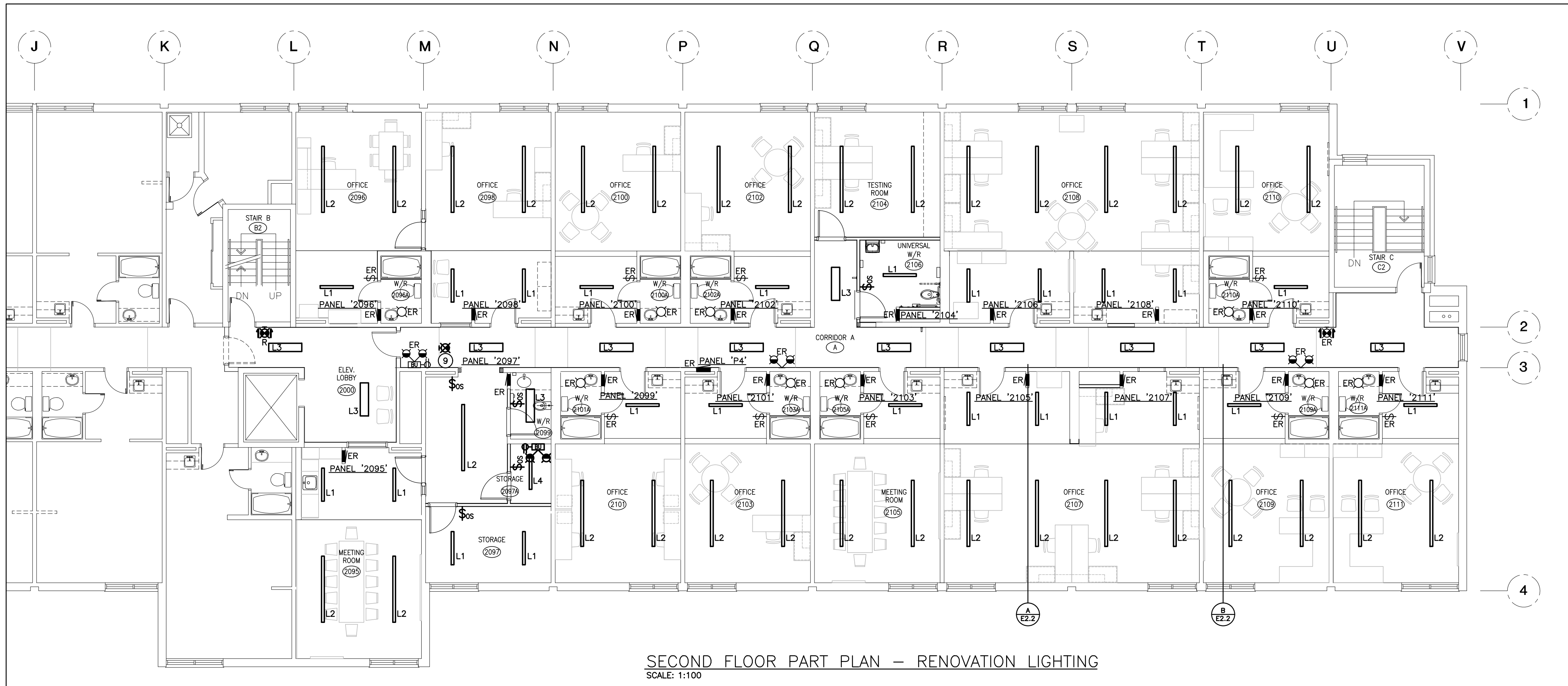
- GENERAL DEMOLITION NOTES**
- 'ER' DENOTES EXISTING ITEM TO REMAIN.
  - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
  - 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT. UNLESS OTHERWISE NOTED.
  - 'D' INDICATES EXISTING ITEM TO BE DELETED. UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.
  - ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.
- SPECIFIC DEMOLITION NOTES**
- 1 INDICATES EXISTING INCREMENTAL UNIT BEING REMOVED BY DIV. 15. THIS CONTRACTOR IS TO DISCONNECT AND REMOVE ASSOCIATED RECEPTACLE AND MAINTAIN WIRING FOR RECONNECTION TO NEW HARDWIRED REPLACEMENT UNIT (REFER TO RENOVATION PLAN).

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.  
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 <b>DURHAM COLLEGE</b> SUCCESS MATTERS	
DRAWING	
SECOND FLOOR DEMOLITION PART PLAN	
	TRUE NORTH
	DWG. NORTH
	JOB NO.
	1910
	SCALE
	AS NOTED
	DATE
	DECEMBER 2018
	PRINTED
	DWG. NO.
	<b>E3.1</b>
<b>MOFFET &amp; DUNCAN</b> architects inc. 5052 DUNDAS ST. WEST ISLINGTON, ONT. M9A 1B9 TEL: (416) 239-2775 FAX: (416) 239-6729 EMAIL: mdarch@mdarch.ca	



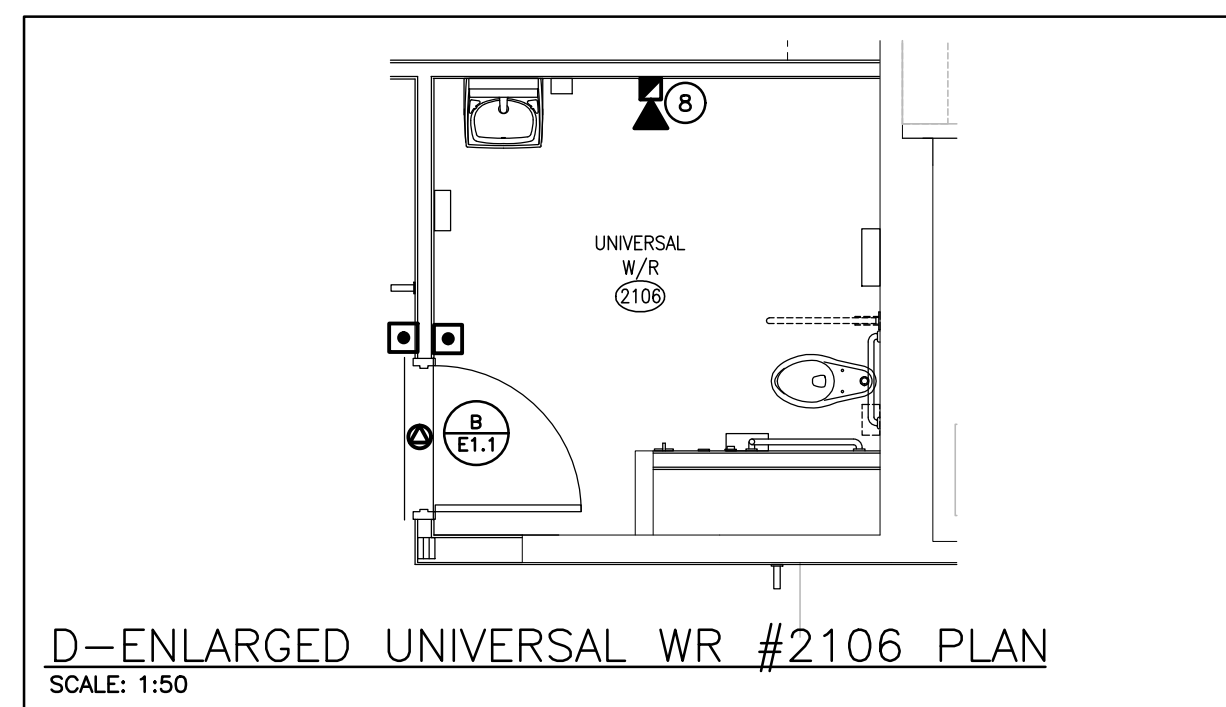


#### GENERAL RENOVATION NOTES

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- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

#### SPECIFIC RENOVATION NOTES

- INDICATES DEVICES FOR OWNER'S PRINTER. CONFIRM EXACT LOCATION/MOUNTING HEIGHT ON SITE WITH OWNER PRIOR TO ROUGH-IN.
- INDICATES DEVICES FOR OWNER'S T.V. MONITOR. CONFIRM EXACT LOCATION/MOUNTING HEIGHT ON SITE WITH OWNER PRIOR TO ROUGH-IN.
- INDICATES NEW DEVICE TO BE FISHED INTO EXISTING PARTITION. IF WALL CANNOT BE FISHED PROVIDE RUN OF SURFACE RACEWAY (V700 FOR POWER YXXX FOR TELECOM).
- INDICATES CABLE MANAGEMENT SYSTEM AT EXISTING FINISHED CEILING/SPRINKLER BULKHEAD. REFER TO DETAIL A/E1.1. PROVIDE 2-2 1/2" CONDUIT SLEEVES THROUGH PARTITIONS BETWEEN EACH ADJACENT ROOM.
- INDICATES TYPICAL WORKSTATION FED FROM GENERATOR BACKED PANEL "GEN". RECEPTACLES ON GENERATOR POWER TO BE GRAY IN COLOUR.
- INDICATES NEW OFFICE RECEPTACLE AND TELECOM OUTLET TO BE FISHED INTO EXISTING PARTITION FROM CABLE MANAGEMENT BULKHEAD. REFER TO DETAIL A/E1.1.
- INDICATES FLOOR BOX PER SPECIFICATIONS CUT INTO EXISTING FLOOR ASSEMBLY. ORIENT BOX TO SUIT JOIST CONFIGURATION AS CLOSE TO THE CENTRE OF MEETING ROOM TABLE AS POSSIBLE. PROVIDE BRANCH CIRCUIT CABLE AND 2 X 3/4" TELECOM CONDUITS FROM NEARBY PARTITION TO SUIT JOIST ORIENTATION.
- INDICATES NEW FIRE ALARM SIGNAL DEVICE ON NEW STROBE CIRCUIT TO SUIT REQUIREMENTS OF UNIVERSAL WASHROOM.
- CONNECT INDICATED DEVICE TO LINE SIDE OF EXISTING CORRIDOR LIGHTING CIRCUIT AND LOCAL EXISTING BATTERY UNIT.



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<b>DURHAM COLLEGE</b> SUCCESS MATTERS	
DRAWING	
SECOND FLOOR RENOVATION PART PLANS	
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