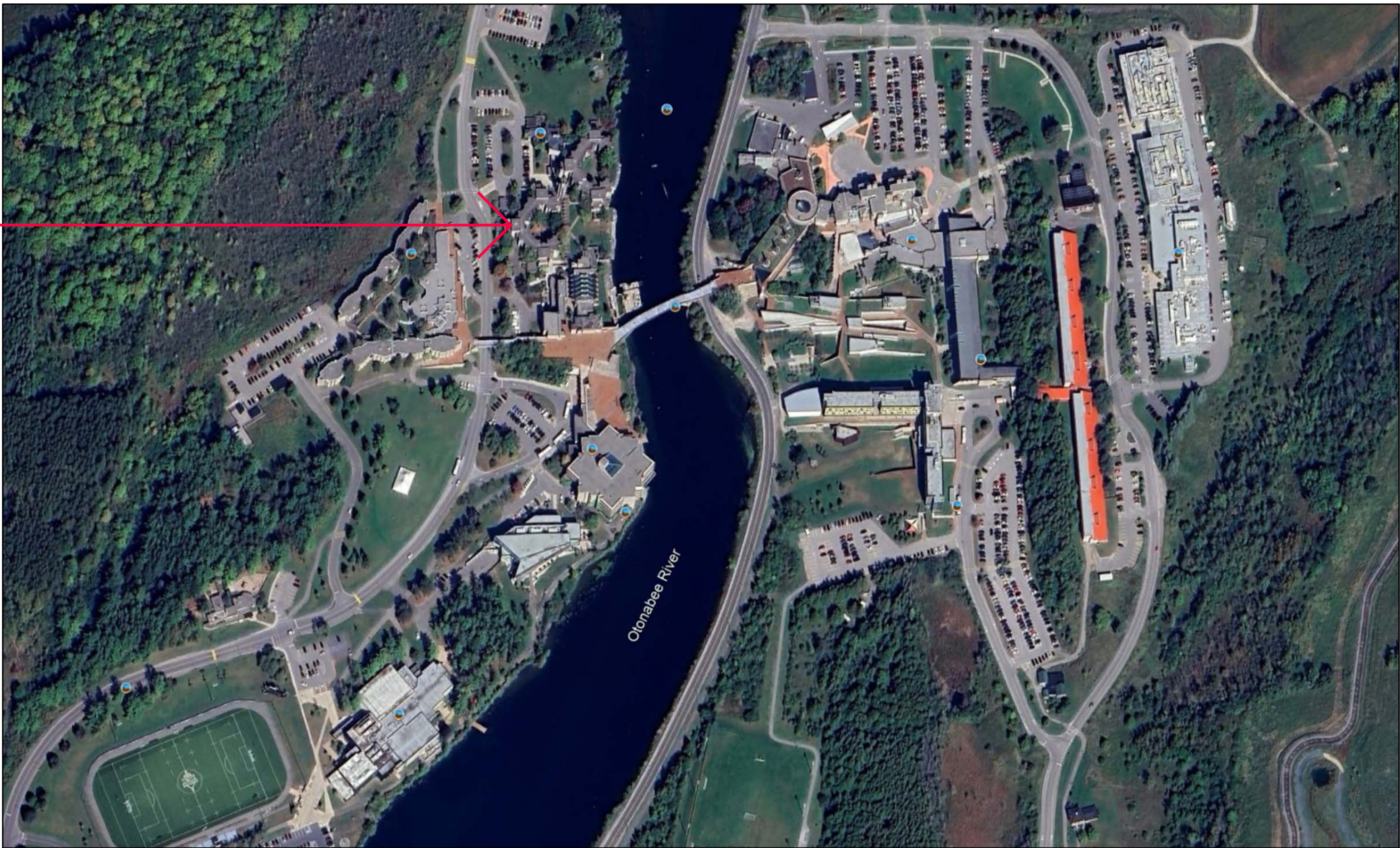
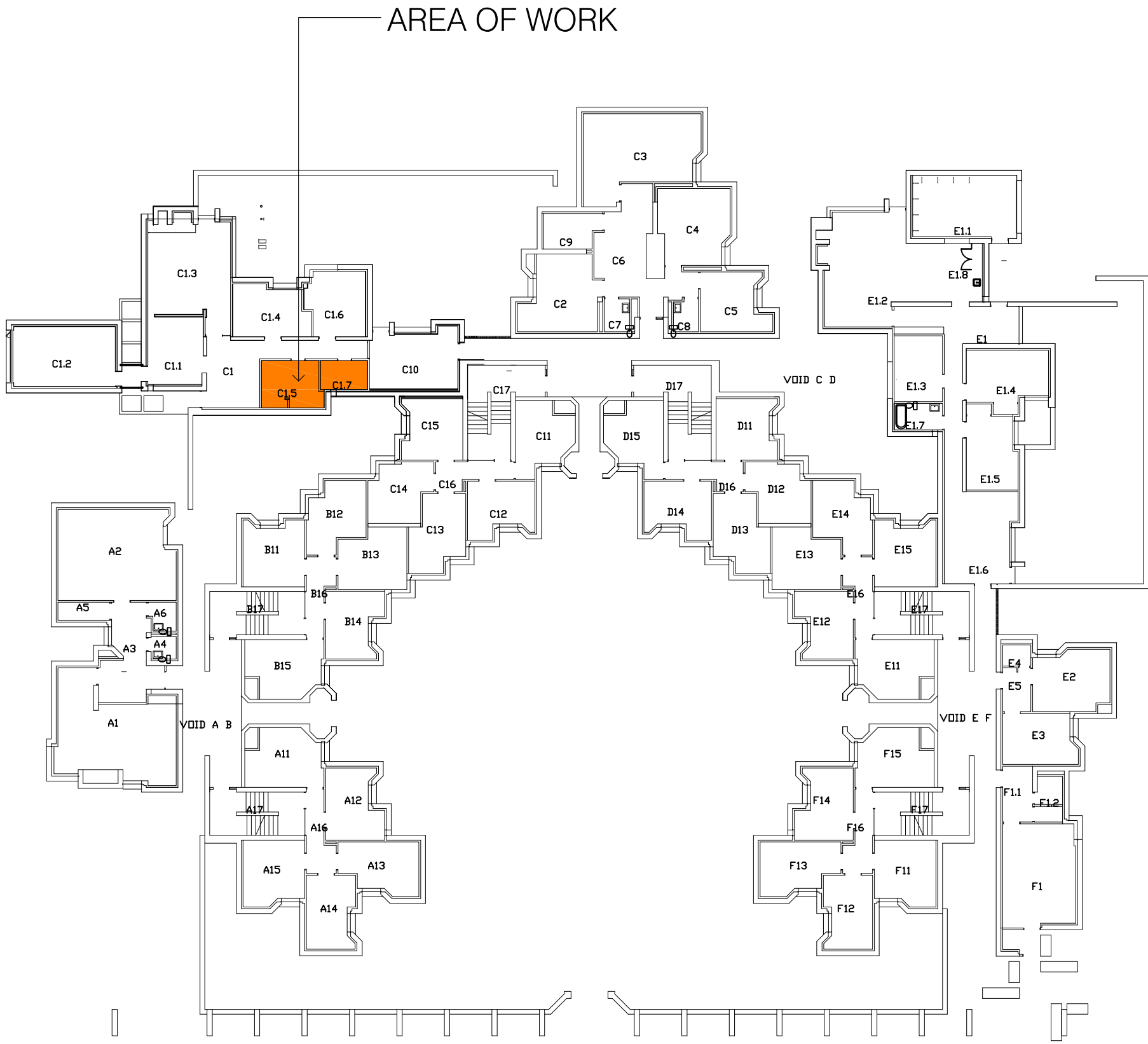


AREA OF WORK
CHAMPLAIN COLLEGE

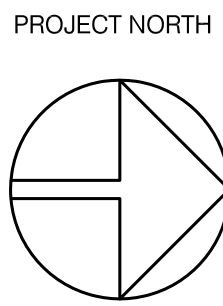


1 KEY PLAN
SCALE: N.T.S. NORTH



2 OVERALL FLOOR PLAN
SCALE: N.T.S. NORTH

WILCOX
ARCHITECTS INC.
74 LINDSAY ST. SOUTH
LINDSAY, ONTARIO
PHONE: 705-328-0175
wilcox.off@gmail.com



FOR PERMIT: SEPT. 09, 2025

ISSUED: DATE:

THIS DRAWING IS COMPLEMENTARY & MUST BE READ IN CONJUNCTION WITH ALL THE OTHER DRAWINGS AND/OR SPECIFICATIONS. REPORT ANY INCONSISTENCIES TO THE ARCHITECT.

PROJECT:
TRENT UNIVERSITY
- RENOVATIONS TO
CHAMPLAIN COLLEGE

1 600 W Bank Dr, Peterborough, ON K9L 0G2

DRAWING TITLE:
KEY PLAN
OVERALL FLOOR PLAN

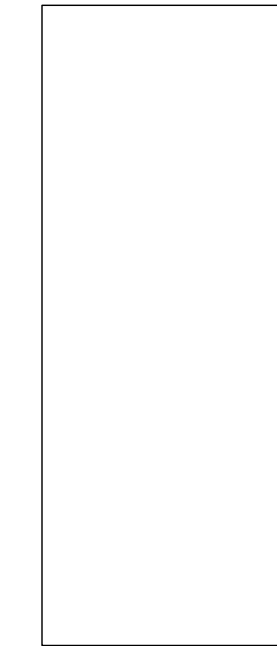
SCALE: A5 NOTED DRAWING NUMBER:

DRAWN BY: JH

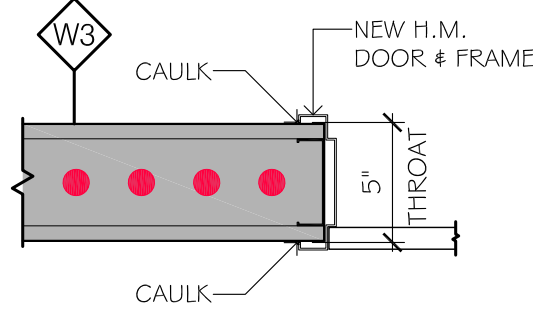
CHECKED BY: GW

A1 OF 3
25023

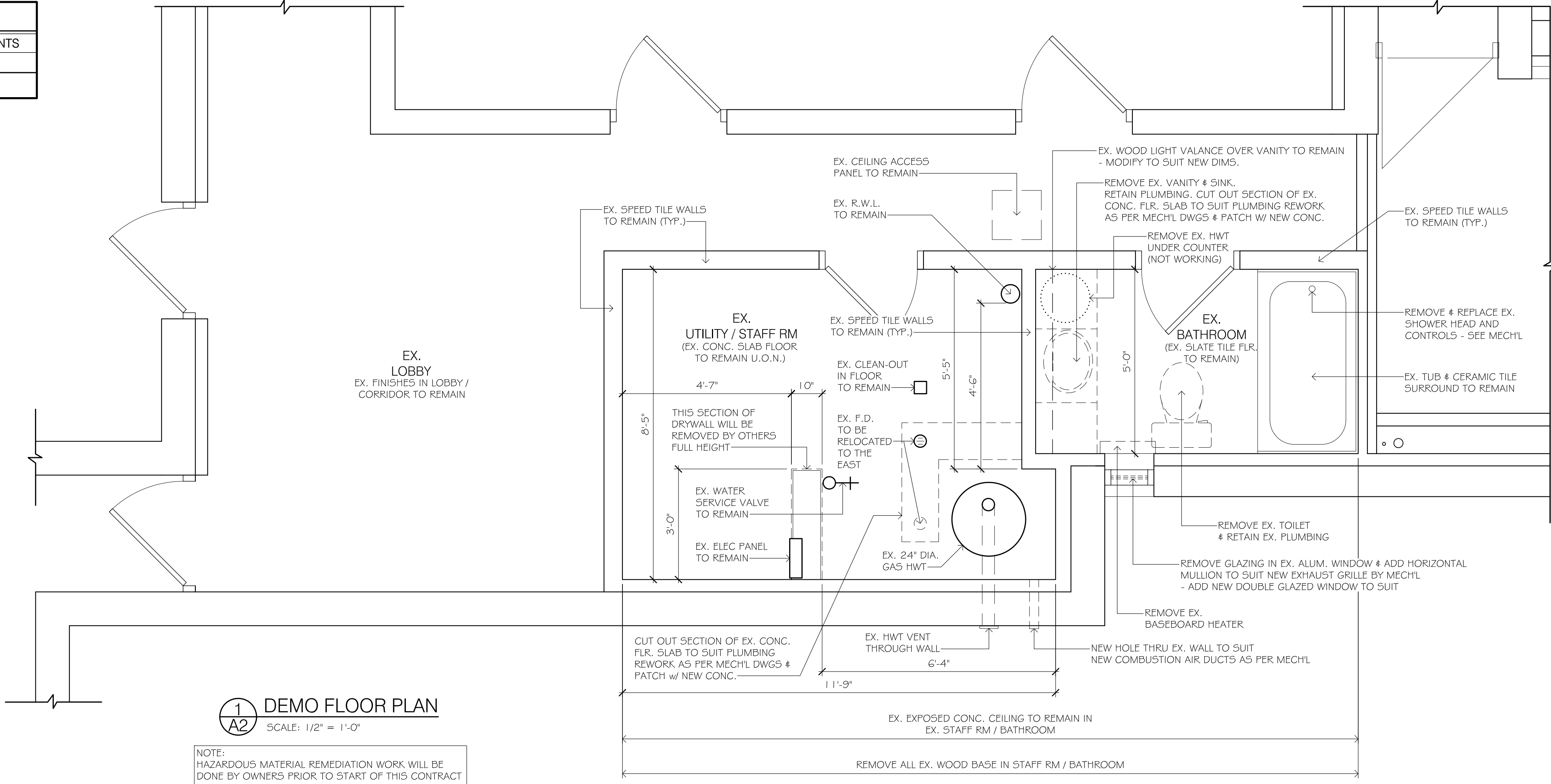
DOOR SCHEDULE									
DOOR					FRAME			COMMENTS	
Door No.	SIZE	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH		
1	2'-6" x 6'-9"	A	H.M.	PT	A	H.M.	PT	¾ HR RATED	



DOOR TYPE A

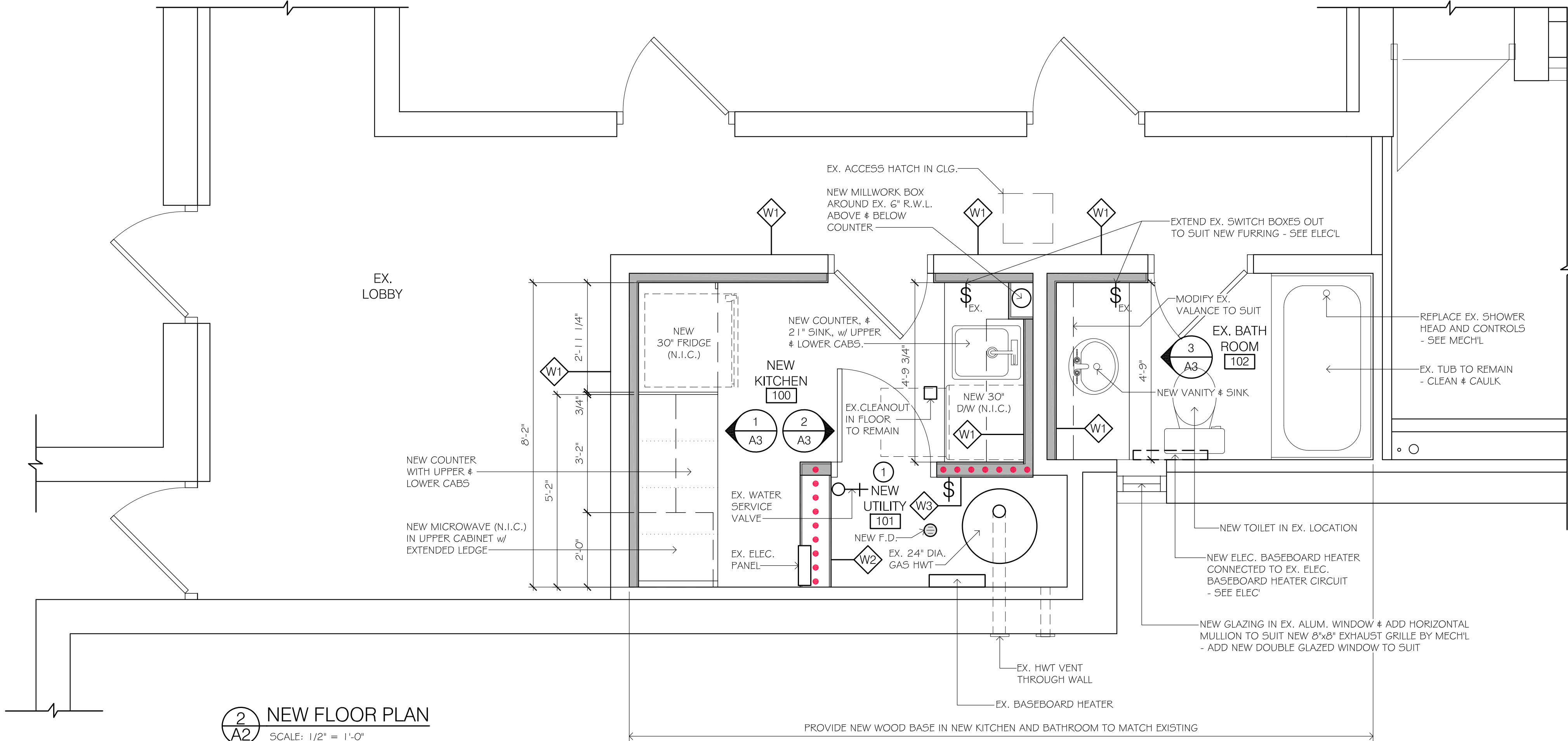


FRAME TYPE A



1 DEMO FLOOR PLAN
SCALE: 1/2" = 1'-0"

NOTE:
HAZARDOUS MATERIAL REMEDIATION WORK WILL BE
DONE BY OWNERS PRIOR TO START OF THIS CONTRACT




2 NEW FLOOR PLAN
SCALE: 1/2" = 1'-0"

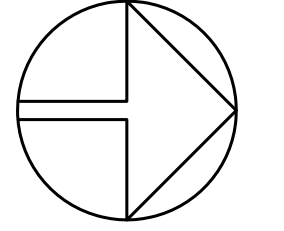
AREA OF WORK = 140sq.ft (13m²)



**WILCOX
ARCHITECTS INC.**
74 LINDSAY ST. SOUTH
LINDSAY, ONTARIO
PHONE: 705-328-0175
wilcox.off@gmail.com



PROJECT NORTH



GENERAL NOTES

- ALL DIMENSIONS ARE APPROXIMATE AND FOR GENERAL REFERENCE ONLY. CONFIRM ALL DIMENSIONS/DETAILS ON SITE.
- REPAIR ALL DAMAGES INCURRED DUE TO RENOVATIONS & FINISH TO MATCH EXISTING U.N.O.
- ALL WORK TO MEET OR EXCEED O.B.C. STANDARDS.

WALL LEGEND	
SYMBOL	DESCRIPTION
[Dashed line]	EXISTING WALLS TO BE REMOVED
[Solid line]	EXISTING WALLS TO BE RETAINED
[Thick solid line]	NEW CONSTRUCTION
[Line with dots]	NEW FIRE SEPARATION
[Diamond W1]	• EX. SPEED TILE • NEW 2 1/2" MTL. STUDS @ 16" o/c • NEW 1/2" DRYWALL
[Diamond W2]	NEW 1 HR. FIRE RATED WALL TO U/S OF EX. SLAB CLG. • NEW 3/4" TYPE X DRYWALL • EX. FRAMING • NEW 3/4" TYPE X DRYWALL
[Diamond W3]	NEW 1 HR. FIRE RATED WALL TO U/S OF EX. SLAB CLG. • NEW 3/4" TYPE X DRYWALL • NEW 3 3/4" MTL. STUDS @ 16" o/c • NEW 3/4" TYPE X DRYWALL

ELECTRICAL LEGEND		DOOR LEGEND	
\$	SINGLE LIGHT SWITCH	[Door symbol]	EX. DOOR
		[New door symbol]	NEW DOOR

FOR PERMIT	SEPT. 09, 2025
ISSUED:	DATE:

THIS DRAWING IS COMPLEMENTARY & MUST BE READ IN CONJUNCTION WITH ALL THE OTHER DRAWINGS AND/OR SPECIFICATIONS. REPORT ANY INCONSISTENCIES TO THE ARCHITECT.

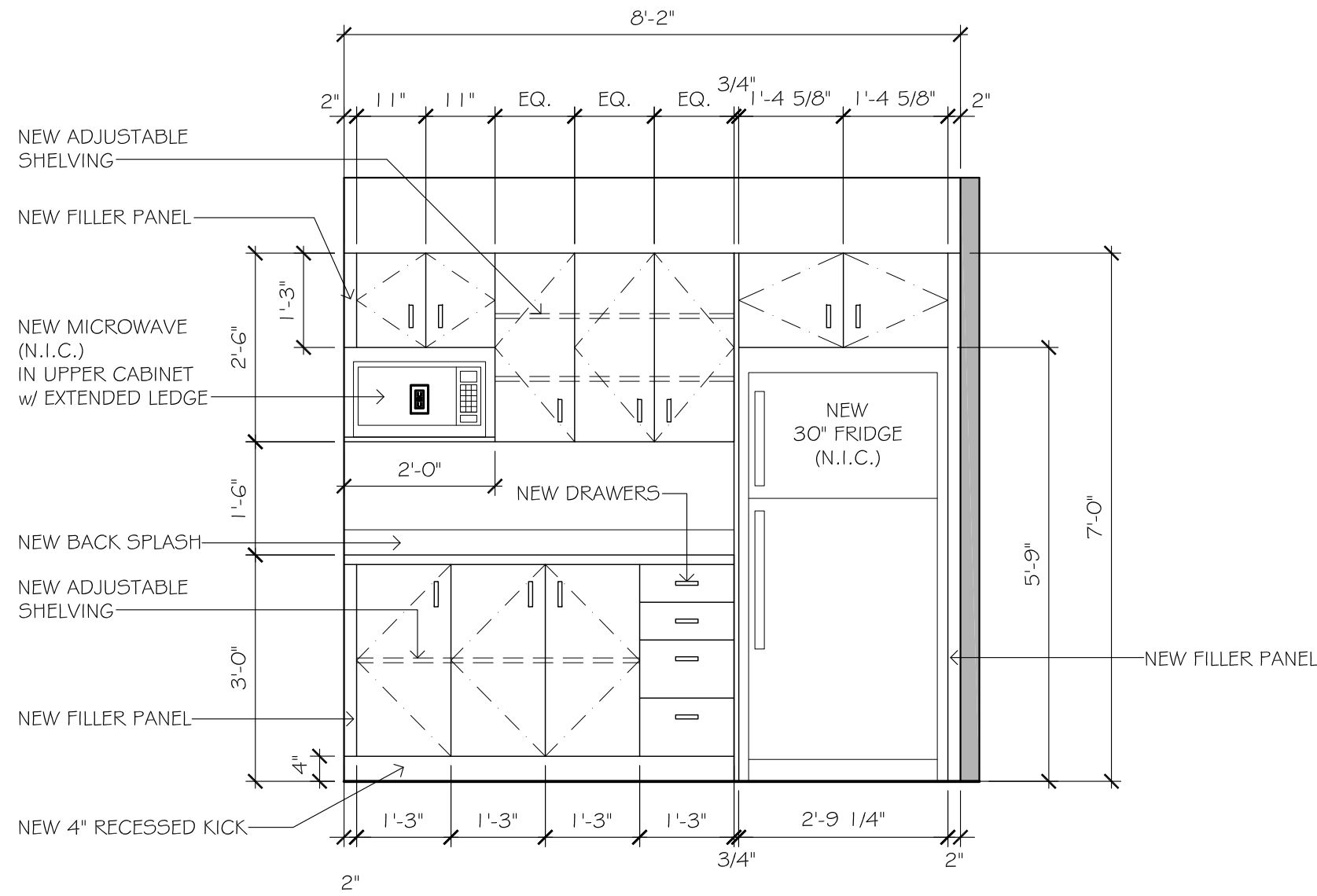
PROJECT:
TRENT UNIVERSITY
- RENOVATIONS TO
CHAMPLAIN COLLEGE

1600 W Bank Dr, Peterborough, ON K9L 0G2

DRAWING TITLE:
DEMO FLOOR PLAN
NEW FLOOR PLAN
DOOR SCHEDULE

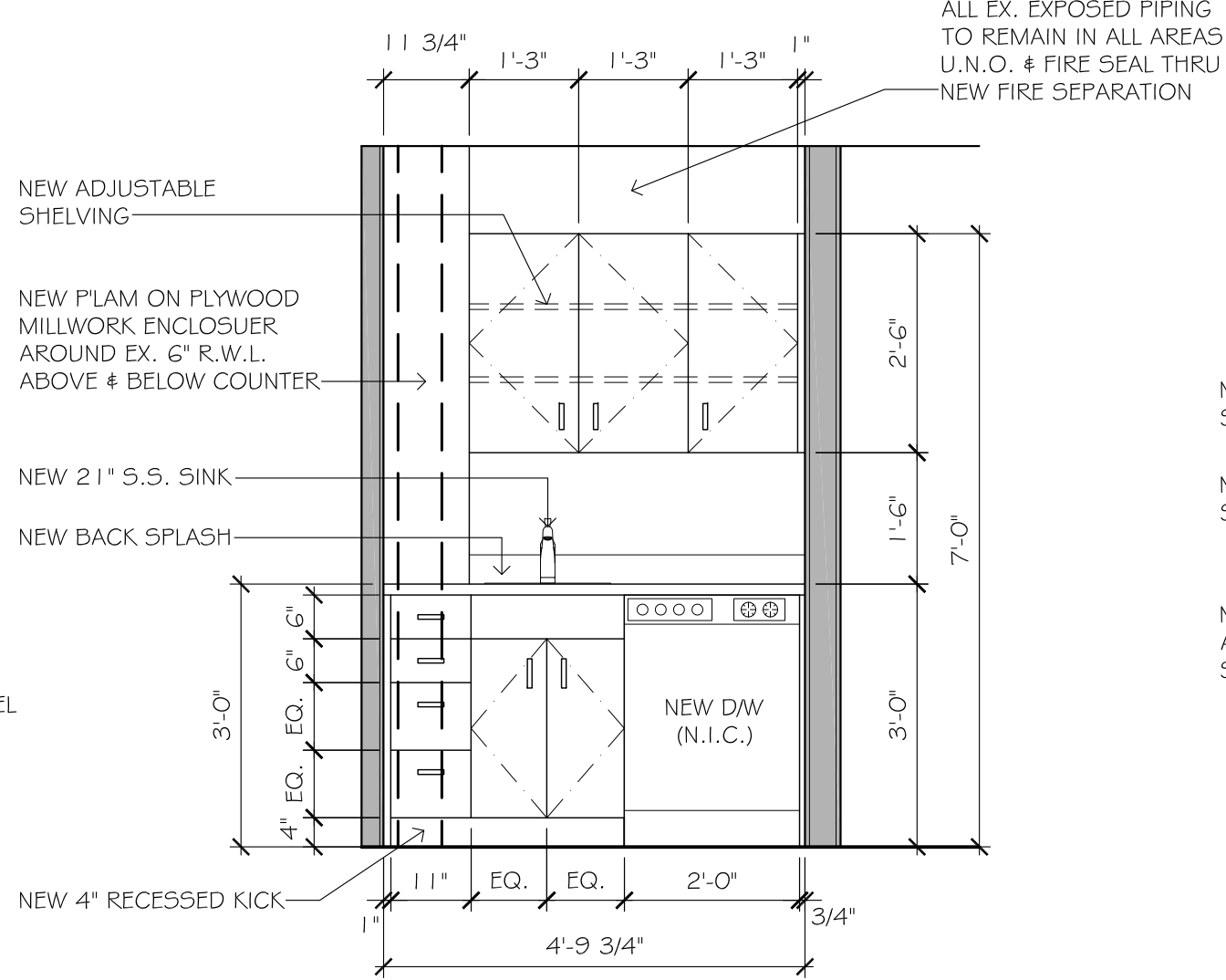
SCALE:	AS NOTED	DRAWING NUMBER:	A2
DRAWN BY:	JH		
CHECKED BY:	GW		

- TYPICAL CABINETRY NOTES:**
- CONSTRUCT NEW CABINETS TO INCORPORATE ALL BUILDING SITE CONDITIONS.
 - ALL SHELVES TO BE ADJUSTABLE U.O.N. w/APPROVED METAL SHELF SUPPORTS.
 - SECURE NEW CABINET BACKS TO EXISTING WALL STRUCTURE @ STUDS.
 - DOOR PULL TO BE BRUSHED NICKEL AND DRAWER HARDWARE TO BE FULL EXTENSION AND SOFT CLOSE.
 - ALL EXPOSED OPEN SHELVES AND INSIDE CABINETS TO BE FINISHED.
 - PROVIDE ALL BUILD UP AS REQUIRED.
 - FINISH ALL EXPOSED SURFACES IN PLAM

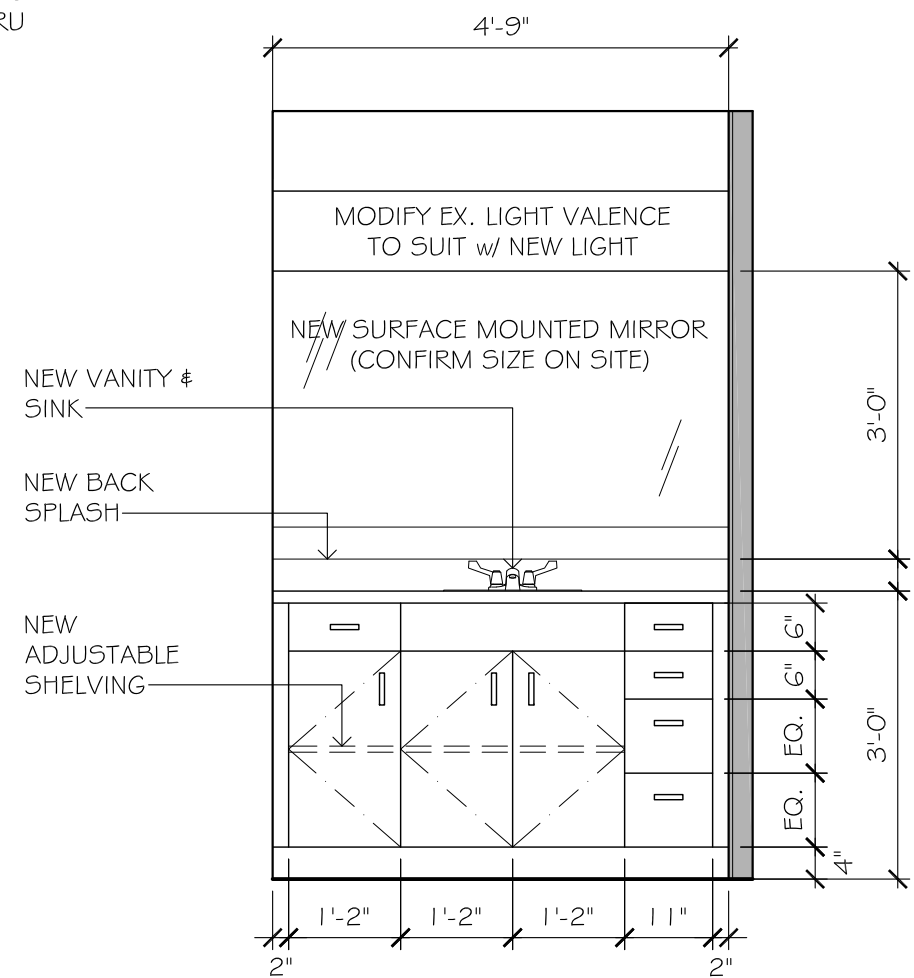


1
A3 **ELEVATION #1**
SCALE: 1/2" = 1'-0"

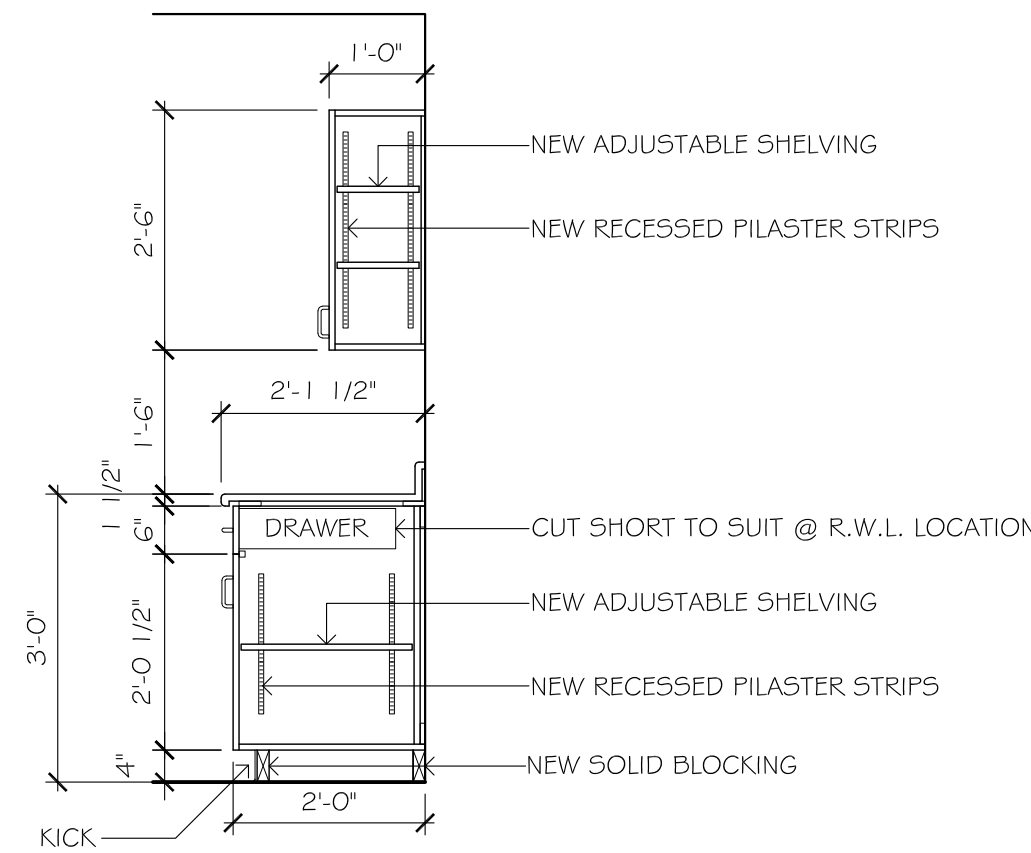
CONFIRM
RECEPTACLES w/
ELEC. DWGS.



2
A3 **ELEVATION #2**
SCALE: 1/2" = 1'-0"



3
A3 **ELEVATION #3**
SCALE: 1/2" = 1'-0"



4
A3 **TYP. CABINETRY SECTION**
SCALE: 1/2" = 1'-0"

FOR PERMIT: SEPT. 09, 2025

ISSUED: DATE:


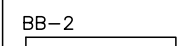

THIS DRAWING IS COMPLIMENTARY & MUST BE READ IN CONJUNCTION WITH ALL THE OTHER DRAWINGS AND/ OR SPECIFICATIONS. REPORT ANY INCONSISTENCIES TO THE ARCHITECT.

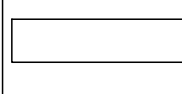
PROJECT:
**TRENT UNIVERSITY
- RENOVATIONS TO
CHAMPLAIN COLLEGE**

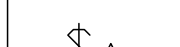
1 600 W Bank Dr, Peterborough, ON K9L 0G2

DRAWING TITLE:
NEW INT. ELEVATIONS

SCALE: AS NOTED
DRAWN BY: JH
CHECKED BY: GW
DRAWING NUMBER:
A3
OF 3
25023

ELECTRIC HEATING EQUIPMENT SCHEDULE			
SYMBOL	MODEL NUMBER	MANUFACTURER	DESCRIPTION
	OFM0502	OUELLET OR APPROVED EQUAL	500W BASEBOARD HEATER, WHITE, ASSUMED VOLTAGE IS 120V. CONTRACTOR TO CONFIRM.
	OFM0502	OUELLET OR APPROVED EQUAL	500W BASEBOARD HEATER, WHITE, 120V
	OTL221	OUELLET OR APPROVED EQUAL	MECHANICAL THERMOSTAT, SINGLE-POLE, SINGLE-THROW, 120V

LIGHTING SCHEDULE			
SYMBOL	MODEL NUMBER	MANUFACTURER	DESCRIPTION
	AE-SF-MRE-02-1525-M-CA-303540	ERALUX MOONRAKER OR APPROVED EQUAL	2' LED LINEAR LIGHT, ADJUSTABLE LUMENS, SET TO 2875 LUMENS (25W), 80CRI, 120V, 0-10V DIMMING, SURFACE MOUNT, SWITCHABLE CCT, SET TO 4000K

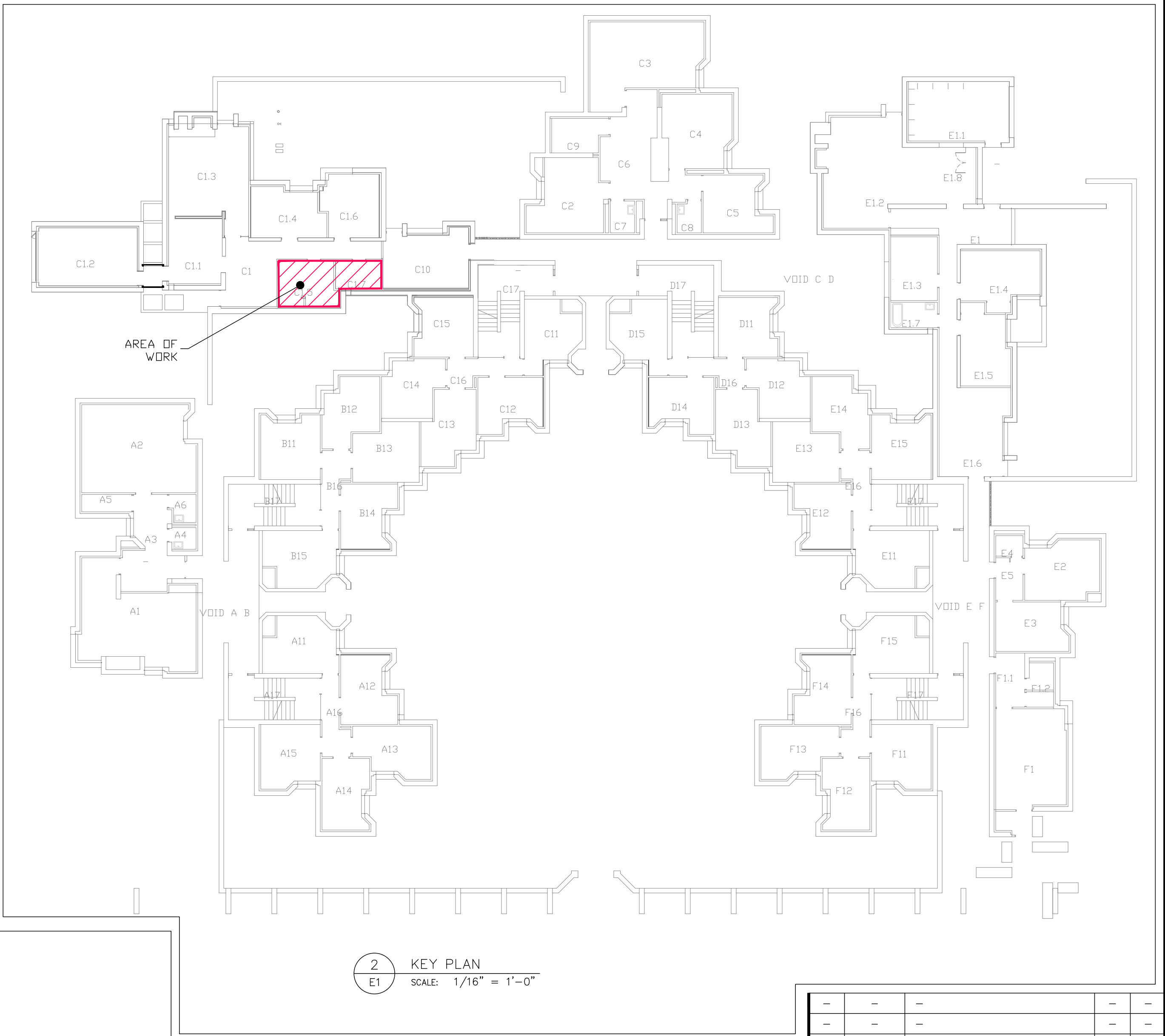
LIGHTING CONTROLS SCHEDULE			
SYMBOL	MODEL NUMBER	MANUFACTURER	DESCRIPTION
	MS-B102-WH	LUTRON MAESTRO	DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR, 120V, WHITE IN COLOUR, PROGRAMMED AUTO-ON

CIRCUITING NOTES:


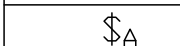
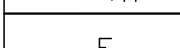
ALL CIRCUITS SHOWN ARE FOR REFERENCE PURPOSES ONLY. NEW CIRCUITS SHALL BE INSTALLED WHERE SPACE PERMITS.

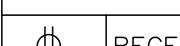
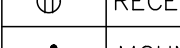
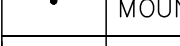

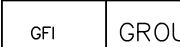
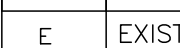
EXISTING PANEL 'A'

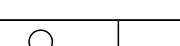

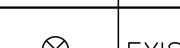

- CIRCUIT A-1 INSTALL NEW 1P, 15A BREAKER; NEW FRIDGE RECEPTACLE
- CIRCUIT A-2 INSTALL NEW 1P, 20A BREAKER; NEW COUNTER T-SLOT RECEPTACLE
- CIRCUIT A-3 INSTALL NEW 1P, 20A BREAKER; NEW COUNTER T-SLOT RECEPTACLE
- CIRCUIT A-4 INSTALL NEW 1P, 15A BREAKER; NEW DISHWASHER
- CIRCUIT A-5 INSTALL NEW 1P, 15A BREAKER; NEW BASEBOARD HEATER BB-2
- CIRCUIT A-6 INSTALL NEW 1P, 15A BREAKER; NEW EXHAUST FAN

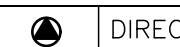
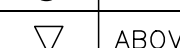
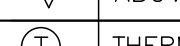
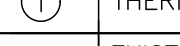
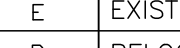


2 KEY PLAN
E1 SCALE: 1/16" = 1'-0"

LIGHTING LEGEND	
	TOGGLE SWITCH
	OCCUPANCY SWITCH
	EXISTING DEVICE

RECEPTACLE LEGEND	
	RECEPTACLE
	MOUNTED ABOVE COUNTER
	20A T-SLOT
	GROUND FAULT INTERRUPTED
	EXISTING EQUIPMENT
	RELOCATED EQUIPMENT

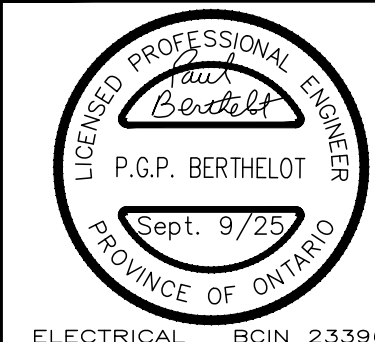
FIRE ALARM LEGEND	
	EXISTING FIRE ALARM BELL
	EXISTING SMOKE DETECTOR
	EXISTING RATE OF RISE HEAT DETECTOR
	EXISTING TO REMAIN

POWER LEGEND	
	DIRECT CONNECTION
	ABOVE COUNTER DATA OUTLET
	THERMOSTAT
	EXISTING EQUIPMENT
	RELOCATED EQUIPMENT

-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
0	25/09/09	ISSUED FOR PERMIT	PGB	-
Rev.	Date	Description	By	App.

BERTHELOT
ENGINEERING LTD
2193 Lynhaven Rd.,
Peterborough, ON.
K9K 1W8
Email: pberthelot@bertheloteng.com

Tel: (705) 775-1517



LICENSED PROFESSIONAL ENGINEER
P.G.P. BERTHELOT
Sept. 9/25
PROVINCE OF ONTARIO

DWN.
D. SEARLE

CHK.
P. BERTHELOT

DSN.
PGB/DCS

SCALE:
AS NOTED

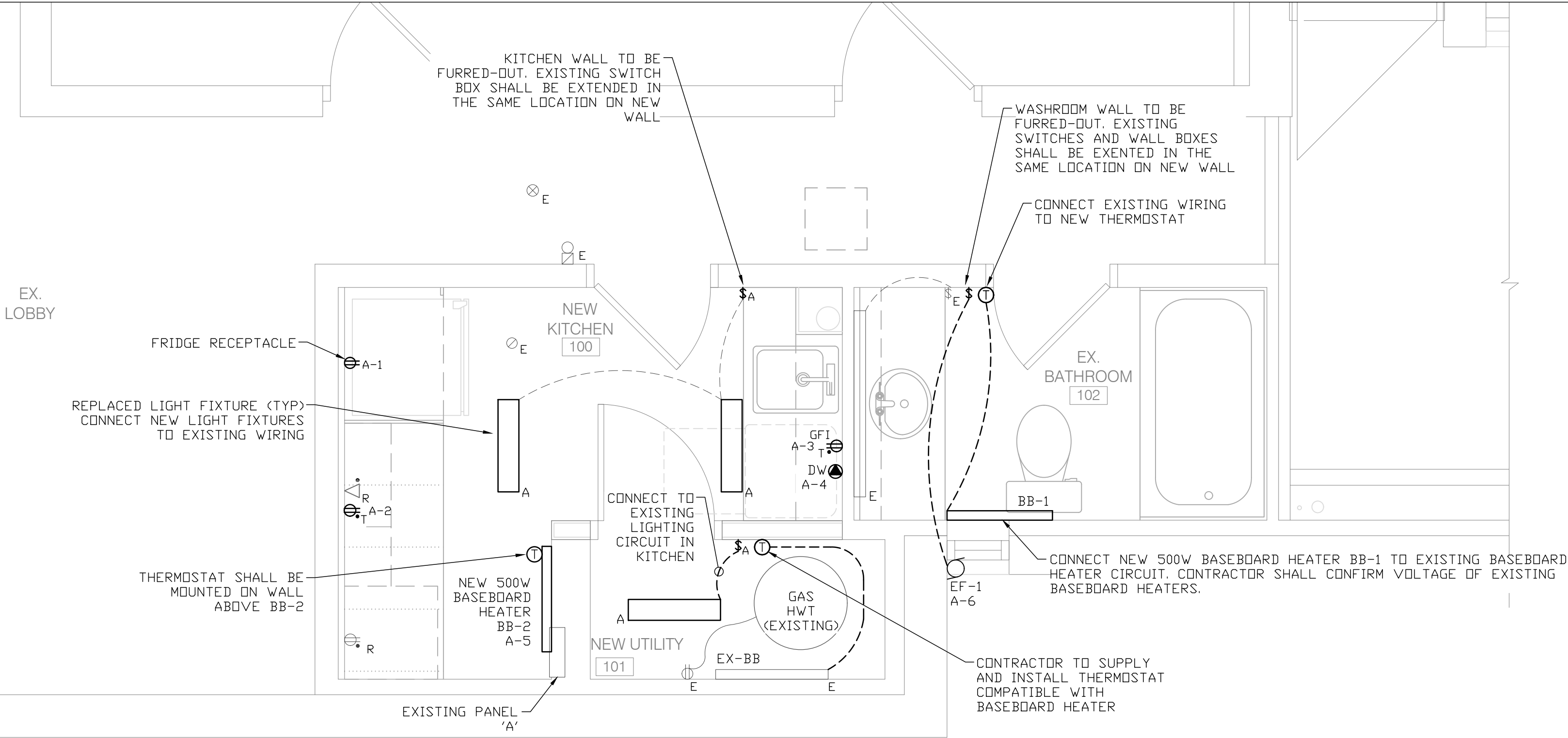
PROJECT
**TRENT UNIVERSITY - RENOVATIONS
TO CHAMPLAIN COLLEGE**
1600 West Bank Drive
Peterborough, Ontario

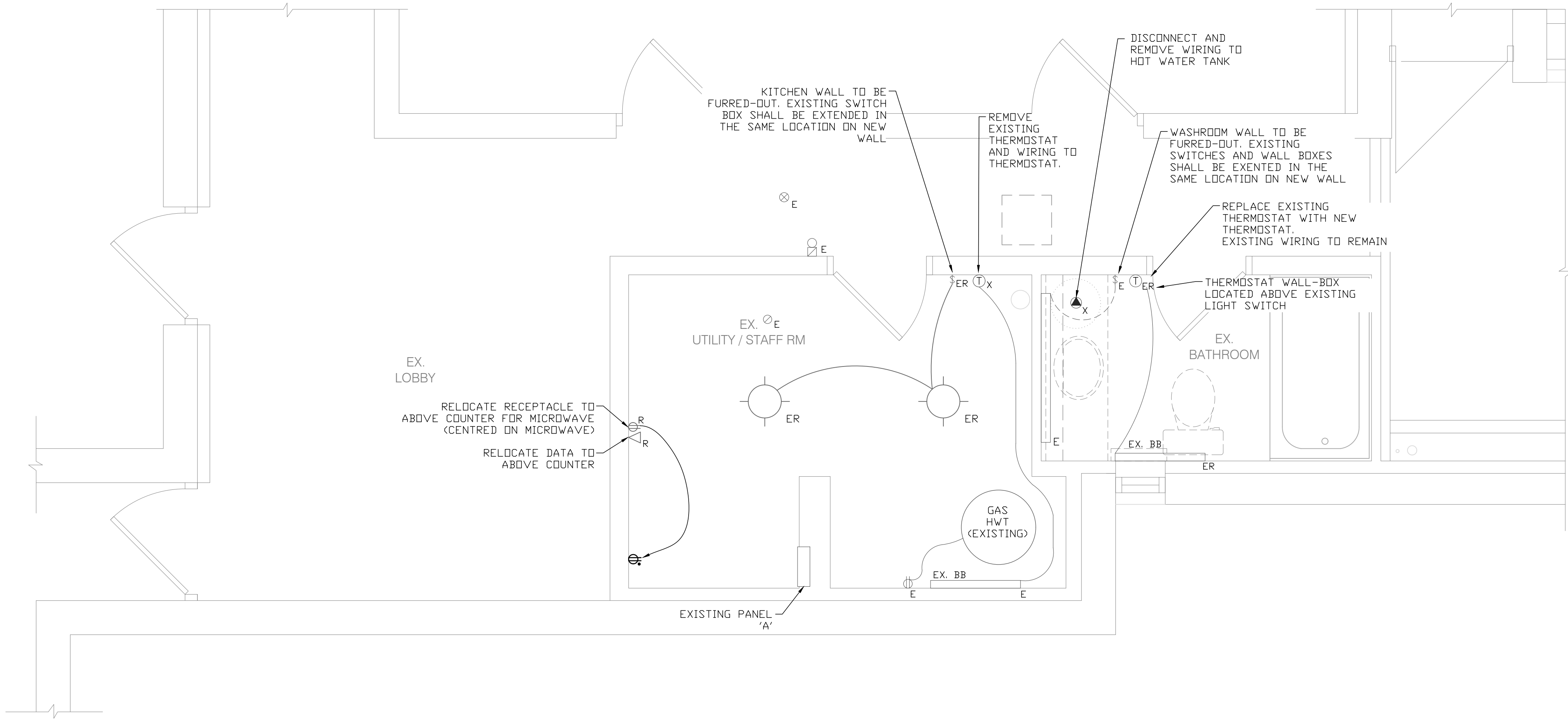
TITLE
**POWER AND LIGHTING
LAYOUT PLANS**

FILE No.
765

DWG. No.
E1

1 POWER & LIGHTING LAYOUT PLAN
E1 SCALE: 1/2" = 1'-0"





1 DEMOLITION POWER & LIGHTING LAYOUT PLAN
E3 SCALE: 1/2" = 1'-0"

LIGHTING LEGEND	
	EXISTING LIGHTS TO REMAIN, OR BE REPLACED AS INDICATED ON THE DRAWINGS
	TOGGLE SWITCH
	OCCUPANCY SWITCH
	EXISTING TO REMAIN
	EXISTING TO BE REPLACED

FIRE ALARM LEGEND	
	EXISTING FIRE ALARM BELL
	EXISTING SMOKE DETECTOR
	EXISTING RATE OF RISE HEAT DETECTOR
	EXISTING TO REMAIN

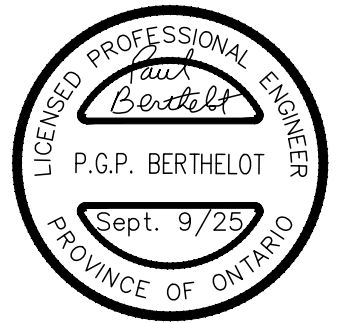
RECEPTACLE LEGEND	
	RECEPTACLE
	MOUNTED ABOVE COUNTER
	20A T-SLOT
	GROUND FAULT INTERRUPTED
	EXISTING EQUIPMENT
	RELOCATED EQUIPMENT

POWER LEGEND	
	DIRECT CONNECTION
	DATA OUTLET
	THERMOSTAT
	EXISTING EQUIPMENT
	RELOCATED EQUIPMENT
	EXISTING TO BE REPLACED
	REMOVE EQUIPMENT

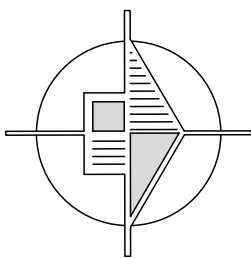
NOTE: EXISTING ELECTRICAL EQUIPMENT AND LIGHTING TO REMAIN, EXCEPT AS NOTED. DISCONNECT DEVICES SCHEDULED FOR REMOVAL OR RELOCATION. REMOVE EXISTING WIRING AND CONDUIT BACK TO SOURCE, WHERE PRACTICAL, AND MAKE SAFE.

—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
0	25/09/09	ISSUED FOR PERMIT	PGB	—
Rev.	Date	Description	By	App.

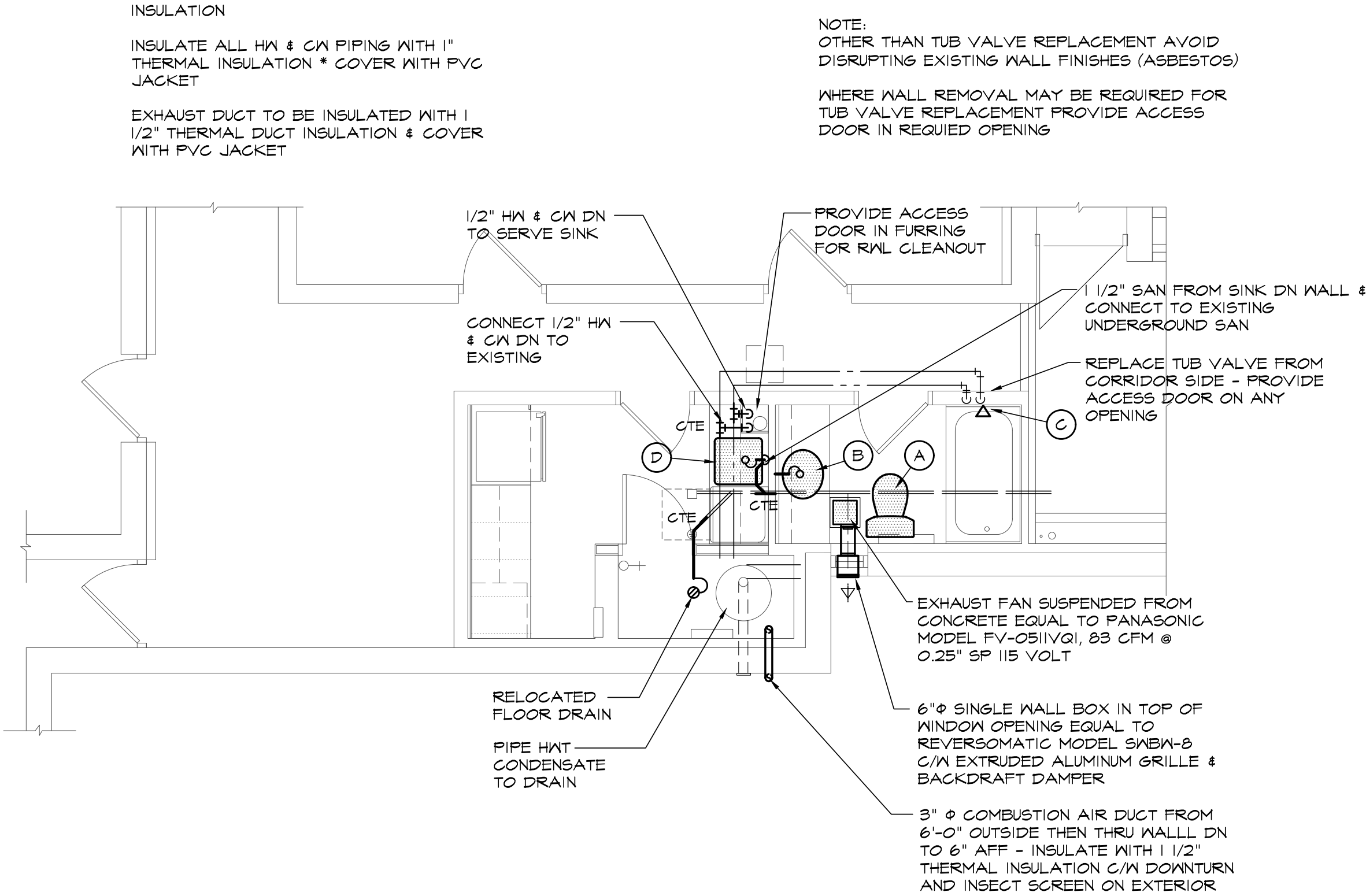
**BERTHELOT
ENGINEERING LTD**
2193 Lynhaven Rd., Peterborough, ON. K9K 1W8
Tel: (705) 775-1517
Email: pberthelot@bertheloteng.com



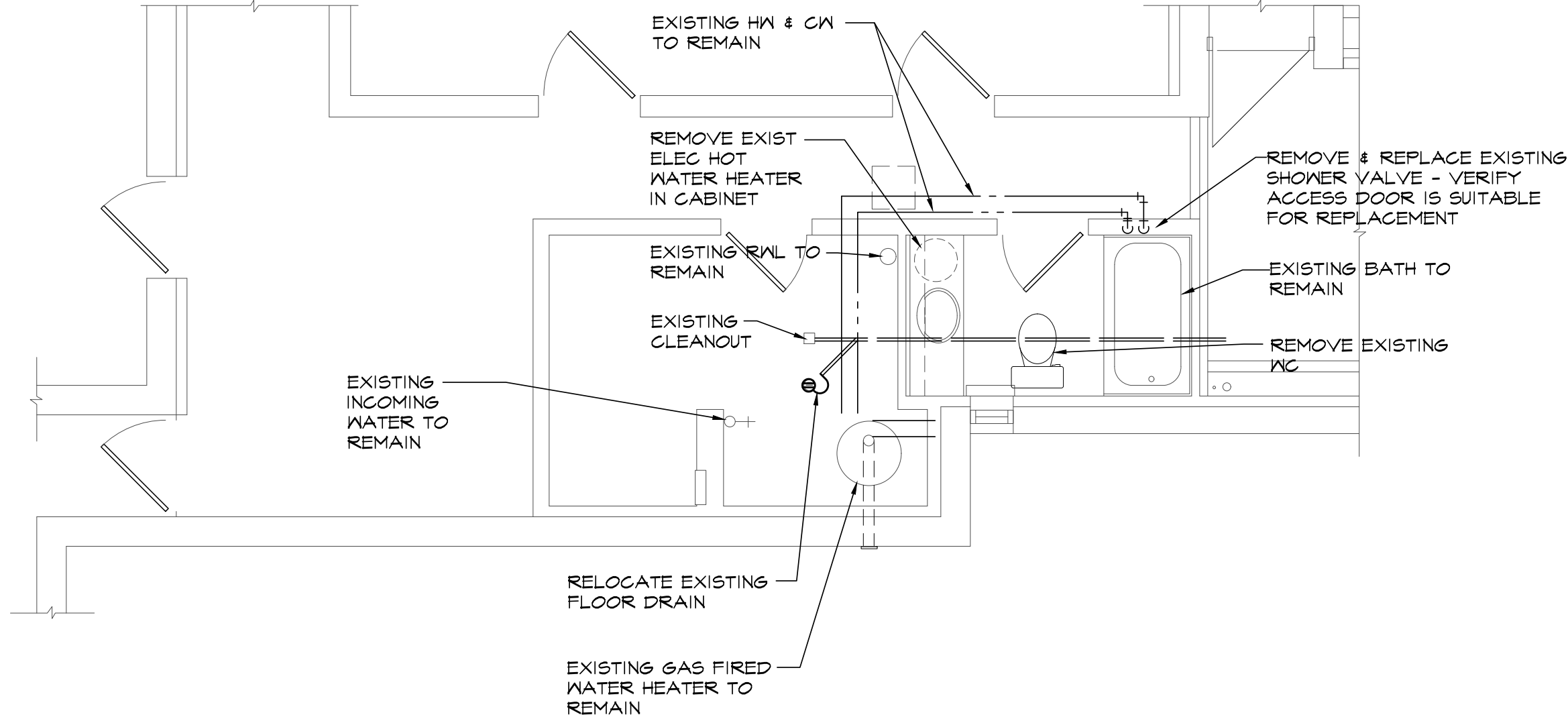
DWN.	D. SEARLE
CHK.	P. BERTHELOT
DSN.	PGB/DCS
SCALE:	AS NOTED



PROJECT TRENT UNIVERSITY - RENOVATIONS TO CHAMPLAIN COLLEGE 1600 West Bank Drive Peterborough, Ontario	
TITLE POWER & LIGHTING DEMOLITION LAYOUT PLAN	
FILE No. 765	DWG. No. E3



2 PARTIAL FLOOR PLAN - MECHANICAL
SCALE: 1/4" = 1'-0"



1 PARTIAL FLOOR PLAN - DEMOLITION
SCALE: 1/4" = 1'-0"

LEGEND	
SYMBOL	DESCRIPTION
	EXISTING SANITARY ABOVE GROUND TO REMAIN
	EXISTING SANITARY BELOW GROUND TO REMAIN
	EXISTING DOMESTIC COLD WATER TO REMAIN
	EXISTING DOMESTIC HOT WATER TO REMAIN
	EXISTING PIPING, EQUIPMENT ETC. TO BE REMOVED
	SANITARY ABOVE GROUND
	SANITARY BELOW GROUND
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER - 60° (140°F)
	SANITARY VENT
	PLUMBING FIXTURE DESIGNATION
CTE	CONNECT TO EXISTING

GENERAL NOTES

- ALL DUCTWORK, PIPING & EQUIPMENT IS NEW UNLESS NOTED AS BEING EXISTING
- VISIT AND EXAMINE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING WORK. NO ALLOWANCES WILL BE MADE BY THE OWNER FOR DIFFICULTIES ENCOUNTERED IN THE WORK ARISING OUT OF CONDITIONS EXISTING AT THE TIME OF TENDERING.
- CONDITIONS SHOWN ON PLANS ARE RELATIVE TO THE WORK TO BE PERFORMED. DRAWINGS ARE BASED ON THE BEST INFORMATION AVAILABLE BUT ARE SUBJECT TO VERIFICATION. VERIFY EXACT LOCATION AND ELEVATION OF ALL SERVICES PRIOR TO COMMENCING ANY WORK. FAILURE TO TO PERFORM SUCH VERIFICATIONS WHICH CAUSE DEFICIENCIES SHALL BE CORRECTED AT NO EXPENSE TO OWNER
- CO-ORDINATE INSTALLATION OF DUCTWORK, PIPING, EQUIPMENT ETC. WITH ARCHITECTURAL, STRUCTURAL, ELECTRICAL & FIRE PROTECTION TRADES PRIOR TO INSTALLATION

PLUMBING FIXTURE SCHEDULE										APPROVED ALTERNATES: CRANE, MAAX, MOEN, MIROLIN, KHOLER
NO.	DESCRIPTION	HOT WATER	TEMP WATER	COLD WATER	DRAIN	VENT	FIXTURE MAKE & MODEL	TRIM MAKE & MODEL	REMARKS	
A	WATER CLOSET	-	-	EX	EX	EX	AMERICAN STANDARD "GADET PRO" 215CA154 FLOOR MTD VITREOUS CHINA, ELONGATED , 54 mm (2 1/8") GLAZED TRAPWAY , LINED FLUSH TANK, 4.8 L (1.07 GAL) FLUSH, CHROME FINISH HANDLE	CENTOCO 820STS.001 HEAVY DUTY, OPEN FRONT WITH COVER FOR ELONGATED BOWL. - STAINLESS STEEL CHECK HINGES, METAL WASHERS & STAINLESS STEEL POSTS AND NUTS	C/W FLEXIBLE SUPPLIES & ESCUTCHEONS	
B	LAVATORY - COUNTER	EX	-	EX	EX	EX	AMERICAN STANDARD "AQUALYN" 0416.028, VITREOUS CHINA, COUNTER MOUNTED, FAUCET LEDGE, FRONT OVER FLOW, 102mm (4") CENTRES.	DELTA 22C451, SINGLE HANDLE, CAST BRASS, CHROME PLATED, 3 1/2" (89 mm) LEVER HANDLE, VANDAL RESISTANT AERATOR, 1.9 L/MIN (0.5 GPM), OPEN GRID STRAINER	C/W FLEXIBLE SUPPLIES & ESCUTCHEONS, CONTRACTOR TO VERIFY EXISTING HW FROM BUILDING SYSTEM EXISTS AFTER SMALL WATER HEATER REMOVAL	
C	BATH	EX	-	EX	EX	EX	EXISTING TUB TO REMAIN	DELTA T13291, C/W ROUGH IN VALVE BODY R10000 SERIES, PRESSURE BALANCING VALVE, SHOWER ONLY, LEVER METAL HANDLE, MAX 120 DEG ROTATION, 2 GPM SHOWER HEAD, CHROME PLATED ELBOW & ESCUTCHEON		
D	SINK - 1 COMP.	1/2"	-	1/2"	1 1/2"	1 1/4"	FRANKE LB66408, SINGLE BOWL, LEDGE BACK , 20 GAUGE, 18-8 STAINLESS STEEL, EXPOSED FINISHED ARE SATIN FINISHED, 204mm (8") CENTRESET, 89mm (3 1/2") BASKET STRAINER - 460mm(18 1/8")x478mm (18 13/16")x203mm(8") DEEP	DELTA 100LF-HDF SINGLE HANDLE DECK FAUCET, ALL METAL BODY, 221mm (8 11/16") LONG SWING SPOUT., 8" CENTRES. CERAMIC CARTRIDGE, 5/7 L/min (1.5 GPM),	C/W FLEXIBLE SUPPLIES & ESCUTCHEONS, PROVIDE 1/2" VALVED HW & DRAIN CONNECTION FOR DISHWASHER	

APPROVED ALTERNATES: ZURN, KHOLER, MOEN, KHOLER

GENERAL SPECIFICATION

- PROVIDE ALL EQUIPMENT, MATERIALS, LABOUR AND SERVICES, ETC. NECESSARY TO COMPLETE THE WORK. ALL MATERIALS AND EQUIPMENT USED ARE TO BE NEW AND ARE TO HAVE C.S.A. APPROVAL. MATERIALS AND EQUIPMENT ARE SPECIFIED BY NAME TO ESTABLISH A STANDARD OF QUALITY AND WORKMANSHIP. USE ONLY SPECIFIED EQUIPMENT OR ALTERNATES NOTED.
- VISIT AND EXAMINE THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING THE WORK PRIOR TO SUBMITTING TENDER. NO ALLOWANCES IN COST WILL BE MADE BY THE OWNER FOR ANY DIFFICULTIES ENCOUNTERED IN THE WORK ARISING OUT OF CONDITIONS EXISTING AT THE TIME OF TENDERING.
- OBEY ALL APPLICABLE CODES AND REGULATIONS OF ALL GOVERNING AUTHORITIES HAVING JURISDICTION OVER THE WORK.
- WHERE THE SUPPLY OF AN ITEM IS SPECIFIED GENERALLY ONLY WITHOUT EXTENSIVE DETAIL, THIS IMPLIES THE ITEM AND/OR WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITY AND/OR MANUFACTURER'S RECOMMENDATIONS.
- CONFORM TO THE BEST PRACTICES APPLICABLE TO THIS TYPE OF WORK. INSTALL ALL EQUIPMENT AND SYSTEMS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION BUT CONSISTENT WITH THE GENERAL REQUIREMENTS OF THIS SPECIFICATION.
- ARRANGE AND PAY FOR ALL PERMITS, INSPECTION FEES, CERTIFICATES, ETC. CONNECTED WITH THE WORK.
- OBTAIN FROM THE CONSULTANT TWO EXTRA SETS OF WHITE PRINTS ON WHICH TO NOTE AND CLEARLY MARK ANY APPROVAL DEVIATIONS FROM THE WORK SHOWN ON THE PLANS AS THE JOB PROGRESSES. THESE SETS OF PRINTS SHALL BE KEPT UP TO DATA AND RETURNED TO THE OWNER FOR RECORD PURPOSES AT THE COMPLETION OF THE JOB.
- PERFORM ALL TESTS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION, SUPPLYING THEREFORE ALL NECESSARY EQUIPMENT AND LABOUR.
- GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR. IT SHALL BE UNDERSTOOD THAT IF ANY DEFECTS BECOME EVIDENT WITHIN THE GUARANTEE PERIOD, ALL NECESSARY REPAIRS AND REPLACEMENTS TO THE WORK SHALL BE MADE WITHOUT COST TO THE OWNER. ALSO PAY FOR MAKING GOOD ANY OTHER WORK DAMAGED THROUGH DEFECTS IN THE WORK OF THIS CONTRACT DURING BOTH CONSTRUCTION AND GUARANTEE PERIODS.
- PROVIDE HANGERS FOR ALL PIPES AND DUCTS AND AVOID ANY DIRECT CONTACT OF DISSIMILAR METALS. SPACE HANGERS TO PREVENT SAGGING OR LOADING JOINTS.
- HANGERS SHALL ONLY BE SUSPENDED FROM STRUCTURAL BEARINGS SUCH AS STEEL BEAMS OR TOP CHORD OF JOISTS. WHERE SUCH BEARINGS DO NOT EXIST, USE NECESSARY BRIDGING STEEL.
- PROVIDE SUPPORTS FOR EQUIPMENT INSTALLED IN THIS CONTRACT, INCLUDING HANGER RODS AND SPRING VIBRATION ISOLATORS.

- PROVIDE MOTORS AND DRIVES FOR ALL POWERED EQUIPMENT OF CANADIAN MAKE AND LOCALLY SERVICEABLE MANUFACTURE.
- SUBMIT 1 ELECTRONIC (PDF) COPY OF SHOP DRAWINGS OF EACH PIECE OF MANUFACTURED EQUIPMENT TO CONSULTANT FOR REVIEW.
- RUN IN ADJUST AND BALANCE THE SYSTEMS FOR PROPER OPERATION.
- ALL EQUIPMENT, PIPING, DUCTWORK, ETC. IS NEW UNLESS NOTED AS BEING EXISTING.
- VERIFY EXACT LOCATION AND ELEVATION OF ALL EXISTING SERVICES PRIOR TO COMMENCING ANY WORK.
- MAINTAIN ALL NECESSARY INSURANCE TO PROTECT THE OWNER AND ALL TRADES FROM ALL POSSIBLE CLAIMS DURING THE CONSTRUCTION PERIOD.
- DO ALL NECESSARY REQUIRED CUTTING AND PATCHING AS MAY BE REQUIRED TO PERFORM THE WORKS OF THIS CONTRACT. CUTTINGS SHALL BE KEPT TO A MINIMUM AND SHALL BE PERFORMED WITH CLEAN CUT STRAIGHT EDGES. PATCHING SHALL BE NEAT AND CLEAN AND RESTORE TO ORIGINAL FINISH CONDITIONS USING SIMILAR TYPES TO MATERIALS. USE ONLY TRADES PERSONNEL SKILLED IN THE VARIOUS TYPES OF WORK REQUIRED (ie. MASONS, ROOFERS, ETC.).

PLUMBING & DRAINAGE

- SANITARY DRAINAGE AND VENT PIPING ABOVE FLOOR SHALL BE PVC DWV CERTIFIED TO CSA B181.2, OR TYPE DWV HARD DRAWN COPPER TUBE WITH CAST BRASS SOLDER FITTINGS (USE 45/5 SOLDER), UP TO 63mm (2-1/2") COPPER OVERCAST IRON. NO NON APPROVED PVC TO BE LOCATED IN RETURN AIR CEILING SPACE.
- SANITARY DRAINAGE AND VENT PIPING IN PLENUM SPACE SHALL BE CERTIFIED TO CSA B181.2 AND TESTED AND LISTED IN ACCORDANCE WITH CANULC S102.2 AND CLEARLY MARKED WITH CERTIFICATION LOGO INDICATING FLAME SPREAD RATINGS NOT MORE THAN 25 AND SMOKE-DEVELOPED CLASSIFICATION NOT EXCEEDING 50. PIPING EQUAL TO IPFX SYSTEM NTR 15-50 DWV.
- SANITARY DRAINAGE AND VENT PIPING BELOW FLOOR SHALL BE ABS-DWV PIPING WITH SOLVENT WELD JOINTS FOR SIZES UP TO 75mm (3"). FOR SIZES 4" AND LARGER USE PVC PIPING WITH RING TITE COUPLINGS TO CSA B2.1 (DR35 OR 22).
- HOT AND COLD WATER PIPING SHALL BE TYPE 'L' HARD DRAWN COPPER TUBE WITH MROUGHT COPPER SOLDER FITTINGS (USE 45/5 SOLDER).
- DOMESTIC WATER PIPING BELOW FLOOR SHALL BE TYPE 'K' SOFT DRAWN COPPER TUBE WITH BRONZE FLARE FITTINGS FOR SIZES UP TO 50mm (2").

PLUMBING INSTALLATION

- PROVIDE A COMPLETE DOMESTIC HOT AND COLD WATER DRAINAGE AND VENT TO SERVE FIXTURES AND ITEMS SPECIFIED AND SHOWN ON PLANS. INSTALL AS PER OBC PART T AND AUTHORITY HAVING JURISDICTION.
- ROUTE ABOVE GROUND PIPING IN CEILING SPACE OR WALL INTERIORS FOR CONCEALMENT WHERE EVER POSSIBLE UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS. CO-ORDINATE PIPE INSTALLATION IN WALLS WITH MASON AND OR DRYWALLER OR APPROPRIATE TRADE INVOLVED
- INSTALL ISOLATION VALVES IN EACH BRANCH LINES FROM MAINS AND AT BASE OF EACH RISER. PROVIDE A FIRE RATED ACCESS DOOR AT EACH CONCEALED VALVE.
- INSTALL PIPING STRAIGHT PARALLEL AND CLOSE TO WALLS AND CEILINGS, WITH APPROPRIATE PITCH. USE STANDARD FITTINGS FOR DIRECTION CHANGES.
- INSTALL FLANGES OR UNIONS TO PERMIT REMOVAL OF EQUIPMENT WITHOUT DISTURBING PIPING SYSTEMS.
- INSTALL PIPING PASSING THROUGH FIRE SEPARATIONS WITH NON-COMBUSTIBLE MATERIAL ONE SIDE OF SEPARATION OR PROVIDE APPROVED FIRE STOPPING DEVICE
- WHERE EXPOSED PIPES PASSES THROUGH FINISHED FLOORS, WALLS OR CEILINGS, PROVIDE CHROME PLATED ESCUTCHEON WITH SET SCREW.
- GRADE HORIZONTAL DRAINAGE AND VENT PIPING LARGER THAN 75mm (3") AT 1.0% OR AS NOTED ON DRAWINGS AND SLOPE 75mm (3") AND SMALLER AT 2.0 % MIN
- WHEN PIPE LAYING NOT IN PROGRESS, CLOSE OFF OPEN ENDS OF PIPE WITH WATER TIGHT PLUG OR CAP.
- INSTALL CLEANOUTS AS PER THE PLUMBING CODE AND/OR AS SHOWN ON DRAWINGS. ENSURE CLEAN OUTS ARE MADE ACCESSIBLE. WHERE PIPING RUNS CONCEALED IN WALL, INSTALL EXTENDED TYPE CLEANOUTS WHERE NECESSARY SO THAT COVER IS LOCATED ON EXPOSED WALL SURFACE.
- INSTALL FLOOR DRAINS SO THAT STRAINER IS FLUSH WITH FINISHED FLOOR AND WITH TRAP PRIMER PIPED TO NEAREST PLUMBING FIXTURE WATER SUPPLY.

INSTALLATION OF PLUMBING FIXTURES

- CONNECT FIXTURES COMPLETE WITH SUPPLIES AND DRAINS, TRAPPED, SUPPORTED, SANITARY LEVEL AND SQUARE WITH HOT WATER FAUCETS ON THE LEFT.
- PROVIDE CHROME PLATED FLEXIBLE SUPPLIES TO FIXTURES WITH SCREWDRIIVER STOPS, REDUCERS AND ESCUTCHEONS.
- PROVIDE CHROME PLATED TRAPS & PIPING EXPOSED TO VIEW UNDER LAVATORIES

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Rev.	Date	Description	By	App.

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	SCALE:	AS NOTED
PROJECT TRENT UNIVERSITY - RENOVATIONS TO CHAMPLAIN COLLEGE 1600 WEST BANK DRIVE PETERBOROUGH, ONTARIO		
TITLE PARTIAL FLOOR PLANS - MECHANICAL		
FILE No. 765M01		DWG. No. M1