

ADDENDUM NO. 02

Project No.: 2160.00

Contract: General

Date: 08-August-2024

This document includes 10 pages and was emailed on 08-August-2024.

To: All Bidders

Project: Arthur Area Community Centre Renovation

Location: 158 Domville St.
Arthur, Ontario NOG 1A0

Owner: Township of Wellington-North

Address: 7490 Sideroad 7 W, PO Box 125
Kenilworth, Ontario, NOG 2E0

Consultant: JPM Architecture Inc.
51 Kingston Street,
Goderich, Ontario N7A 3K3

PART 1 - INTENT

- 1.1 This Addendum is issued to provide modifications and clarifications during bidding.
- 1.2 Except as otherwise specified herein, and as shown on accompanying Drawings, work required by this Addendum shall be in accordance with Drawings dated 17-July-2024.
- 1.3 Bidders are required to take these Addendum items into account when preparing their Bid.

PART 2 - DRAWINGS AND DOCUMENTS

- 2.1 The following attachments accompany and form part of the Addendum.
Addendum produced by DEI Consulting Engineers, dated 08-August-2024.

PART 3 - DETAILS

3.1 Drawing Revisions:

- .1 There are no Architectural Drawing revisions issued with this Addendum.

PART 4 - DISTRIBUTION

- To Bidders
- Owner
- Consultants

August 08, 2024

Client: JPM Architecture Inc.
51 Kingston Street,
Goderich ON N7A 3K3

RE: Township of Wellington North, Arthur & Arena CC
Interior Renovations
Arthur, ON

Job #: 24061

Attn: Peg MacDonald, BA, M. Arch, OAA, MRAIC, Architect/Nicole Regier

ADDENDUM

MECHANICAL

Item 1

- 1.0 Reference Attached Reissued Drawing M1.1
.1 Handwash sink S-2 added to plumbing schedule.

Item 2

- 2.0 Reference Attached Reissued Drawing M1.2
.1 NFPA fan installation detail updated.

Item 3

- 3.0 Reference Attached Reissued Drawings M2.1 and M3.1
.1 Existing handwash sink to be removed and replaced.

Item 4

- 4.0 Reference Attached Reissued Drawings M3.2 and M3.3
.1 EF-1 changed to a sidewall fan and removed from the roof.

Item 5

- 5.0 Reference Attached Reissued Drawing M4.1
.1 Acceptable VVT box manufacturers added to specifications.

ELECTRICAL

Item 1

- 1.0 No electrical content.

Ann Demaiter, P.Eng.

Partner

24061 Addendum 01 (M-Revisions)(various reissued dwgs) Aug 8 24
ad/mc



ELECTRIC DUCT HEATER SCHEDULE

CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.

Item	Type	Capacity (cfm)	Size	Air Temperature	Electric Heat Capacity	Manufacturer & Model	Remarks
				In (F) / Out (F)	kw / Electrical Voltage		
DH-1	FRONT END SUPPLEMENTAL COIL	400	12x8	60 / 90	4.0 / 208/1/60	THERMOLEC SC SERIES	

MUA SCHEDULE

CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.

Item	Type	Capacity (cfm)	Static (in)	Temp Rise (F)	Collar Size	Electric Heat Capacity	Manufacturer & Model	Remarks
						kw / Electrical Voltage		
MUA-1	MINI INLINE MAKEUP AIR UNIT	300	0.2	60	8"	6.0 / 208/3/60	THERMOLEC FER SERIES	

VVT CONTROL DAMPER SCHEDULE w/ELECTRIC REHEAT

Item	Type	Capacity (cfm)			Size	Electric Heat		Remarks
		Design	Minimum	Maximum		Capacity kw	Size Voltage	
VAV-1.1	BYPASS DAMPER		1800	2800	14"x20"			
VAV-1.2	SINGLE TERMINAL CONTROL BOX	600	180	1020	12"φ	3.2	12x8	REFER TO ELECTRICAL DWGS FOR VOLTAGE AND PHASE
VAV-1.3	SINGLE TERMINAL CONTROL BOX	1600	480	2720	16"φ	8.6	12x8	REFER TO ELECTRICAL DWGS FOR VOLTAGE AND PHASE

GRILLE SCHEDULE

CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.

Item	Type	Equalizing Grid	Volume Damper	Acceptable Manufacturer	Description
D1	SQUARE CEILING DIFFUSER	YES	NONE	EH PRICE SCDA	MULTICONE, FULLY ADJUSTABLE, 24x24, STEEL CEILING DIFFUSER W/ROUND NECK. SUITABLE FOR LAY-IN T-BAR CEILING, OR DRYWALL CEILING WHEN C/W FRAME.
S1	SUPPLY GRILLE	NO	NONE	EH PRICE 32-FLA	DOUBLE DEFLECTION, 1/2" SPACING, ALUMINUM AIRFOIL BLADES PARALLEL TO LONG DIMENSION, C/W 1 1/4" FLAT BORDER & SCREWED FASTENING FOR SURFACE MOUNTING.
R1	CEILING RETURN GRILLE (NON-DUCTED)	NO	NONE	EH PRICE 80-CH	1/2x1/2x1/2 ALUMINUM EGGRATE CORE, C/W CHANNEL BORDER FOR LAY-IN T-BAR CEILING.
R2	CEILING RETURN GRILLE (DUCTED)	NO	NONE	EH PRICE 80-FA	1/2x1/2x1/2 ALUMINUM EGGRATE CORE, C/W 1 1/4" FLAT BORDER & SCREWED FASTENING FOR SURFACE MOUNTING.
E1	EXHAUST GRILLE (DUCTED)	NO	NONE	EH PRICE 80-FA	1/2x1/2x1/2 ALUMINUM EGGRATE CORE, C/W 1 1/4" FLAT BORDER & SCREWED FASTENING FOR SURFACE MOUNTING.

GENERAL DIFFUSER/GRILLE NOTES:
 1. ACCEPTABLE MANUFACTURERS: EH PRICE, NAILOR, TITUS, KRUEGER, CARNES, METALAIRE, TUTTLE & BAILEY
 2. GRILLE COLOURS ARE SELECTED BY ARCHITECT FROM STANDARD COLOUR CHART, UNLESS OTHERWISE NOTED.
 3. PAINT INTERIOR OF DUCTWORK BEHIND GRILLE MATT BLACK (WHERE VISIBLE THRU GRILLE).

GREASE INTERCEPTOR SCHEDULE

Item	Type	Flow Rate GPM(LPM)	Grease Capacity lbs (kg)	Acceptable Manufacturer	Notes
GI-1	GREASE INTERCEPTOR	25 (95)	72 (32.6)	ENDURA 3925XTA02	RECESSED UNDER CABINET INSTALLATION, SOLDERED HOMOPOLYMER TYPE POLYPROPYLENE INTERCEPTOR, CAN BE SOLDERED OR THERMOFORMED
GI-2	GREASE INTERCEPTOR	10 (38)	31.9 (14.5)	ENDURA 3910A02	RECESSED UNDER CABINET INSTALLATION, SOLDERED HOMOPOLYMER TYPE POLYPROPYLENE INTERCEPTOR, CAN BE SOLDERED OR THERMOFORMED

GREASE INTERCEPTOR GENERAL NOTES:
 1. ACCEPTABLE MANUFACTURERS: CAN-AQUA, JRC PLASTIC INTERRUPTORS AND PIT BOXES, JONESPEC, CONTOUR, ENDURA
 2. RETENTION TYPE INTERCEPTOR, TESTED AND RATED IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION ACT (EPA), COMPLETE WITH FIRE RESISTANT POLYPROPYLENE CONSTRUCTION FOR MOUNTING FLUSH WITH FLOOR WITH ALUMINUM NON-SKID COVERS ON FLOOR COMPLETE WITH FLOW CONTROL FITTING SUITABLY VENTED, AND EXTENSION.
 3. CAPACITY: 3.15 L/S (60 GPM) INLET & OUTLET.
 4. THE UNIT SHALL BE ABLE TO TREAT EFFLUENT TO LESS THAN 100 MG/LITRE OF OIL AND GREASE.
 5. THE GREASE INTERCEPTOR SHALL HAVE A MINIMUM OF FIVE MINUTES RETENTION TIME.

FAN SCHEDULE

CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.

Item	Type	Capacity cfm	ESP in wc	Fan Speed rpm	Motor hp	Voltage	Acceptable Manufacturer	Description
EF-1	KITCHEN EXHAUST FAN	600	0.2	1725	1/10	120/1/60	GREENHECK CUE-090	SPUN ALUMINUM MOTOR COVER & FAN SHROUD, UPBLAST, W/BELT DRIVE CENTRIFUGAL BACKWARD INCLINED NON-STICK FAN, GALV BIRD SCREEN, VENTED & INSULATED EXTENDED ROOF CURB, & GREASE TRAP. SUITABLE FOR NFPA-96 INSTALLATION.

GENERAL FAN NOTES:
 1. ACCEPTABLE MANUFACTURERS: GREENHECK, PENN-BARRY, COOK, CARNES, ACME, TWIN CITY, JENCO, BUFFALO.
 2. PROVIDE 24" TALL PREFABRICATED, INSULATED ROOF CURB FOR ALL ROOF MOUNTED FANS.

EXHAUST HOOD SCHEDULE

Item	Description	Type	Dimensions	Exhaust Size	Manufacturer & Model	Description
HOOD-1	NFPA 96 EXHAUST HOOD	DRY GREASE EXTRACTOR	60"(L) x 30"(W)	16" x 16"	HALTON ED	C/W S.S. SHROUD TO CEILING AND DUCT COLLAR, INTEGRAL FIRE SUPPRESSION, REMOTE ON/OFF SWITCH (CONNECTED TO EF-1). PROVIDE LIGHT AS SPECIFIED. PROVIDE HOOD CONTROLLER FOR INTERLOCKING EF-1 AND MUA-1.

PLUMBING FIXTURE SCHEDULE (1 OF 2)

Item	Type	Connection Sizes					Acceptable Manufacturer	Fixture Description	Acceptable Manufacturer	Trim	Trim Description	Accessories
		HW	CW	TW	Drain	Vent						
FD-1	FLOOR DRAIN FOR SAFETY SHEET FLOORING				NOTED	1 1/2	ZURN ZN-211-R6 MIFAB CONTOUR WATTS	ZURN ZN-211-R6	GENERAL DUTY CAST IRON BODY, ADJUSTABLE STRAINER, NICKEL BRONZE STRAINER, AND CLAMPING COLLAR. USE SQUARE STRAINER IN TILED AREAS AND ROUND STRAINER ELSEWHERE. C/W TRAP PRIMER			

PLUMBING FIXTURE SCHEDULE (2 OF 2)

Item	Type	Connection Sizes					Acceptable Manufacturer	Fixture Description	Acceptable Manufacturer	Trim	Trim Description	Accessories
		HW	CW	TW	Drain	Vent						
S-1	STAINLESS STEEL TRIPLE COMPARTMENT SINK	1/2	1/2		1 1/2	1 1/4	FRANKE LBT6410PCB-1 NO ALTERNATIVES	SINK: TRIPLE COMPARTMENT, LEDGE-BACK. FROM 1.0 mm (20 GAUGE) THICK TYPE 302 POLISHED STAINLESS STEEL, SELF-RIMMING, UNDERCOATED, CLAMPS. OVERALL SIZE: 1178 mm X 522 mm X 254 mm (46-3/8" X 20 9/16" X 10"). COMPARTMENT SIZE: 356 mm X 406 mm X 254 mm (14" X 16" X 10")	DELTA 100 ZURN Z82300-CP8 MOEN COMMERCIAL 8701	FAUCET: T&S B-1123-HN4 NO ALTERNATIVES	FAUCET: CHROME PLATED BRASS BODY, WITH 12" SWING SPOUT, AERATOR, AND 4" WRIST ACTION HANDLES. ACCESSORIES TO LIMIT MAXIMUM FLOW RATE TO 8.35 l/min (2.2 GPM) AT 413 kPa (60 psi).	WASTE FITTING: INTEGRAL STAINLESS STEEL BASKET STRAINER/STOPPER, TAILPIECE, CAST BRASS P-TRAP WITH CLEANOUT.
S-2	STAINLESS STEEL WALL HUNG SINGLE SINK	1/2	1/2		1 1/2	1 1/4	NOVANNI 8100 KINDRED	SINK: SINGLE COMPARTMENT, LEDGE-BACK. FROM 16 GAUGE THICK TYPE 304 POLISHED STAINLESS STEEL, WALL-HUNG. OVERALL SIZES: 480 mm X 500 mm X 180 mm (18-3/4" X 19-1/2" X 7").	DELTA 100 ZURN Z82300-CP8 MOEN COMMERCIAL 8701	FAUCET: CHROME PLATED BRASS, WITH SWING SPOUT, AERATOR, SINGLE LEVER HANDLE, WASHERLESS CONTROLS, ACCESSORIES TO LIMIT MAXIMUM FLOW RATE TO 8.35 l/min (2.2 GPM) AT 413 kPa (60 psi).	WASTE FITTING: INTEGRAL STAINLESS STEEL BASKET STRAINER/STOPPER, TAILPIECE, CAST BRASS P-TRAP WITH CLEANOUT.	
HD-1	HUB DRAIN				NOTED	1 1/2	ZURN Z415 C/W Z-400-S MIFAB F1100-C-DD CONTOUR C2000-F WATTS FD-100-C-DD	ZURN Z415 C/W Z-400-S	GENERAL DUTY HUB DRAIN CAST IRON BODY, CLAMPING COLLAR, NICKEL-BRONZE ADJUSTABLE HEAD HUB, C/W TRAP PRIMER.			

GENERAL NOTES

- A. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PREPARED SPECIFICATION.
- B. SANITARY VENT PIPING IS NOT SHOWN. PROVIDE ALL NECESSARY VENT PIPING FROM ALL FIXTURES FOR A COMPLETE SYSTEM TO ALL LOCAL PLUMBING CODE & LOCAL AUTHORITY REQUIREMENTS, CONNECTED TO EXISTING VENTS OR NEW VENTS AS REQUIRED. CO-ORDINATE VENT LOCATION(S) WITH GENERAL CONTRACTOR. MAINTAIN MIN 14"-0" FROM ANY AIR INLET. INSTALL VENT PIPING HIGH IN JOIST SPACE.
- C. WHERE DUCTWORK PENETRATES CORRIDOR WALL, CENTER DUCT(S) BETWEEN OWSJ.
- D. CO-ORDINATE WITH THE GENERAL CONTRACTOR ANY OWSJ BRIDGING/CROSS BRACING RELOCATION OR REMOVAL/REPLACEMENT REQUIRED FOR INSTALLATION OF DUCTWORK.
- E. CONTRACTOR TO LOCATE ISOLATION VALVES / FREEZE PIPING / OR OTHERWISE DRAIN SYSTEMS TO ALLOW PROPOSED WORK TO PROCEED. REFILL SYSTEMS AS INDICATED.
- F. 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:
 - POTABLE WATER TEST (SEE SPEC 15142/22 11 16 PART 3)
 - BACKFLOW TEST CERTIFICATE(S) FOR ALL TESTABLE DEVICES
 - COPY OF MANDATORY TSSA/CSA-B149 GAS PRESSURE TEST TAG
 - NFPA-13 SPRINKLER CONTRACTOR'S MATERIAL & TEST CERTIFICATE
 - FIRE PROTECTION ENGINEER'S INSPECTION/CONFORMANCE LETTER
 - NFPA-96 KITCHEN HOOD FIRE SUPPRESSION SYSTEM TEST
 ALL CERTIFICATES ARE TO BE SUBMITTED TOGETHER IN A SINGLE PACKAGE.

MECHANICAL LEGEND

Item	Description	Item	Description
-----	ITEM TO BE REMOVED	FEC	RECESSED CABINET MOUNTED FIRE EXTINGUISHER
--- ---	CUT EXISTING & CONNECT NEW PIPING	FE	WALL MOUNTED FIRE EXTINGUISHER
→	FLOW DIRECTION	CO	FLOOR CLEANOUT
---	POTABLE COLD WATER	CO	LINE CLEANOUT
---	POTABLE HOT WATER	PRV	PRESSURE REDUCING VALVE
---	POTABLE HOT WATER RECIRC.	G	THERMOSTAT (WITH GUARD WHERE INDICATED)
--SAN-EX--	EXISTING SAN ABOVE FLOOR	→→→→	TURNING VANES
--SAN-EX--	EXISTING SAN BELOW FLOOR	▢	SUPPLY AIR DUCT
--SAN--	SANITARY ABOVE FLOOR	▢	RETURN/EXHAUST AIR DUCT
--SAN--	SANITARY BELOW FLOOR	▢	ACOUSTIC DUCT LINING
---STM-EX---	EXISTING STM ABOVE FLOOR	▢	THERMAL INSULATION
---STM-EX---	EXISTING STM BELOW FLOOR	▢	BRANCH LINE SPIN-IN COLLAR C/W BALANCING DAMPER
---STM---	STORM ABOVE FLOOR	▢	TRUNK MAIN BRANCH COLLAR C/W BALANCING DAMPER
---STM---	STORM BELOW FLOOR	BD	BALANCING DAMPER
---CD---	CONDENSATE DRAIN	---	MOTORIZED DAMPER
---V---	VENT	FD	FIRE DAMPER
FD	FLOOR DRAIN	FSD	FIRE/SMOKE DAMPER
---	TRAP PRIMER	FSD	SMOKE DAMPER
---	TEE CONNECTION	FF	FIRE FLAP
---	PIPE DOWN	---	RECTANGULAR DUCTWORK
---	PIPE UP	---	RIGID ROUND DUCT
---	SCREWED OR WELDED PIPE CAP	---	FLEXIBLE ROUND DUCT
---	PLUG VALVE	---	ACOUSTICAL, FLEXIBLE ROUND DUCT
---	BALL VALVE	---	ALUMINUM DUCT
---	SOLENOID VALVE	---	STAINLESS STEEL DUCT
---	VALVE ON RISER	---	DIFFUSER/GRILLE SIZE (imp), TYPE & CAPACITY (cfm)
---	BALANCING VALVE	---	



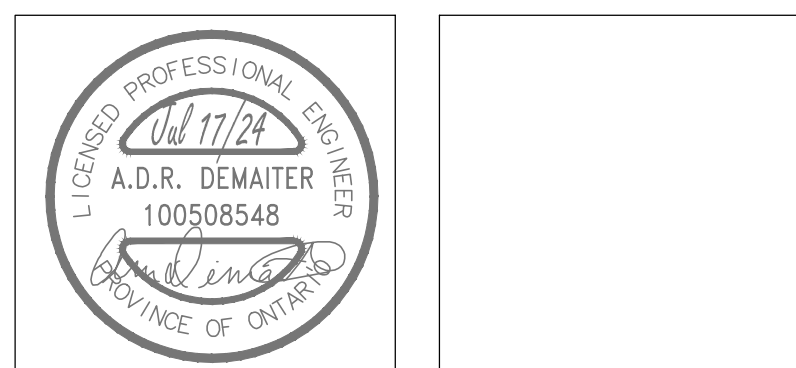
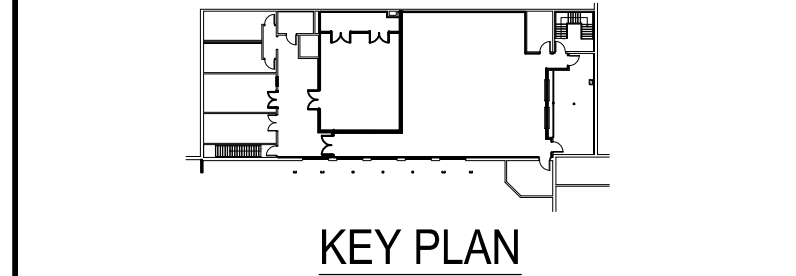
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The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.
 The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work.
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 Phone: 519-735-3555
 Website: deiassociates.ca
 Project Number: 24061

Rev.No.	DATE	REMARKS
4	2024-08-09	ISSUED FOR ADDENDUM #1
3	2024-07-17	ISSUED FOR TENDER & PERMIT
2	2024-06-25	ISSUED FOR 90% REVIEW
1	2024-05-23	ISSUED FOR 50% REVIEW



**ARTHUR ARENA
 INTERIOR
 RENOVATIONS
 158 DOMVILLE ST.
 ARTHUR, ONTARIO
 MECHANICAL
 LEGENDS, NOTES,
 AND SCHEDULES**

drawn : CSP	check : AD
date : 05/24/24	sheet : M1.1
job : 24061	

SPECIFIC DEMOLITION NOTES

1. CUT AND CAP PORTION OF ACCESSIBLE ABANDONED STORM DRAINAGE PIPE. REMOVE BEYOND COMPLETE.
2. REMOVE EXISTING ABANDONED STORM PIPING.
3. EXISTING SINK TO BE REMOVED COMPLETE. CUT EXISTING WATER CONNECTION AND PREPARE FOR NEW SINK INSTALLATION.
4. CUT EXISTING SANITARY LINE AND REMOVE VERTICAL PIPING. PREPARE FOR NEW CONNECTION. CO-ORDINATE WITH ARCHITECTURAL TRADE TO SAWCUT FLOOR AS REQUIRED FOR INSTALLATION OF NEW DRAINS BELOW SLAB.
5. CUT EXISTING 1/2" C&HW AND PREPARE FOR NEW CONNECTION.
6. REMOVE EXISTING 1/2" C&HW BACK LOCATION WHERE PIPE IS LARGER. LEAVE HANGERS IN PLACE FOR INSTALLATION OF NEW 1" PIPE.
7. EXISTING HANDWASH SINK TO BE REMOVED. PREPARE EXISTING 1/2" H&CW AND 1-1/2" SANITARY PIPING FOR NEW SINK CONNECTION.

GENERAL DEMOLITION NOTES

- A. EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- B. EXISTING MECHANICAL ITEMS SHOWN BUT NOT NOTED AS BEING REMOVED OR RENOVATED SHALL REMAIN AS PRESENTLY INSTALLED AND OPERATING.
- C. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ON SITE ALL LOCATIONS AND SIZES OF ALL SERVICES & EQUIPMENT PRIOR TO THE COMMENCEMENT OF WORK.
- D. ALL OPENINGS THAT RESULT FROM THE REMOVAL OF EQUIPMENT OR SERVICES SHALL BE NEATLY PATCHED WITH SUITABLE NEW MATERIALS TO SUIT EXISTING CONSTRUCTION.
- E. PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
- F. REMOVAL OF EXISTING PIPING, OR DUCT SYSTEMS INCLUDES REMOVAL OF ALL HANGERS, INSULATION, FITTINGS, ETC.
- G. MAINTAIN INTEGRITY OF EXISTING SYSTEMS THAT ARE TO REMAIN OR BE MODIFIED.
- H. INSTALL NEW SYSTEM OR SERVICES WHERE REQUIRED TO MAINTAIN SYSTEM OPERATION PRIOR TO DEMOLITION OF EXISTING SERVICES.
- I. THIS CONTRACTOR IS TO REMOVE & REPLACE CEILINGS AS REQUIRED FOR REMOVAL/REPLACEMENT OF SERVICES.



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Consulting Engineers
MECHANICAL | ELECTRICAL | AQUATIC

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Project Number: 24061

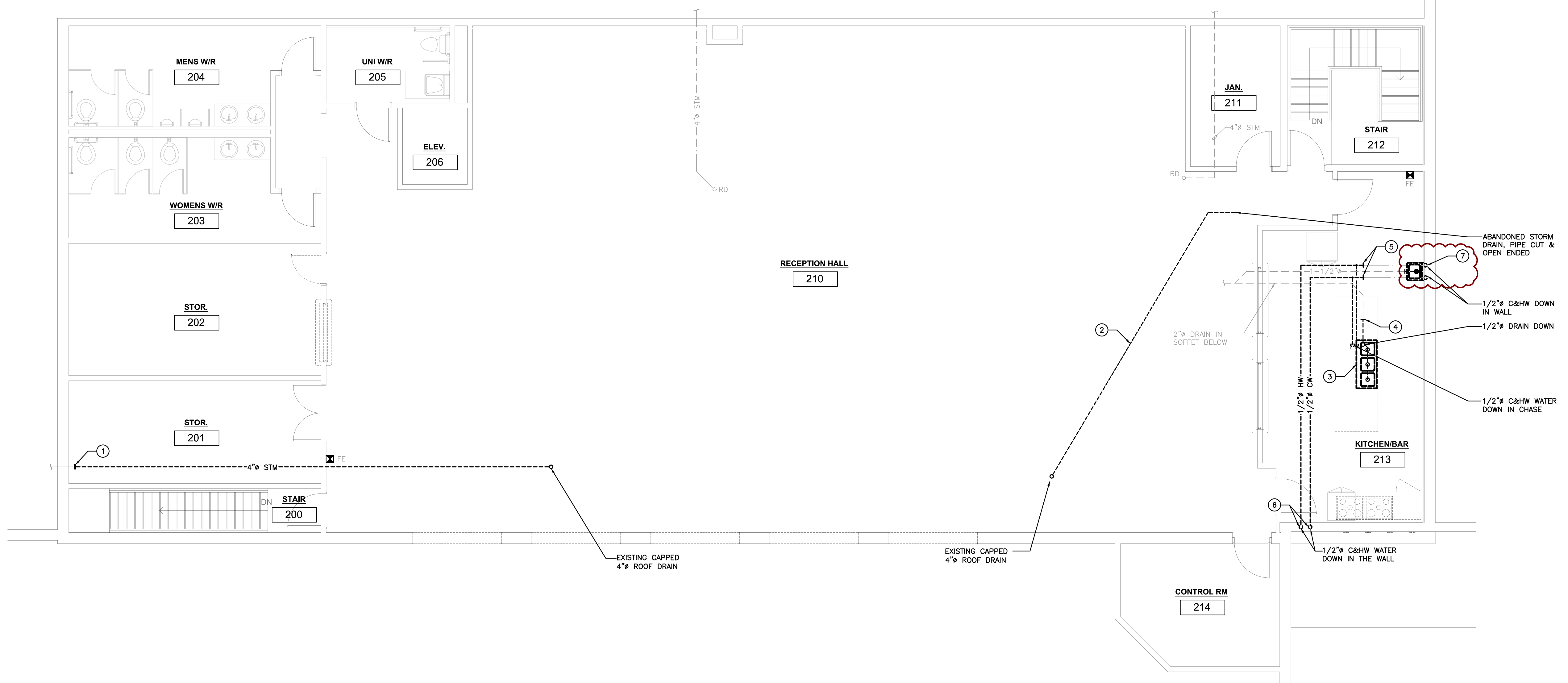
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ISSUED FOR

KEY PLAN

**ARTHUR ARENA
INTERIOR
RENOVATIONS
158 DOMVILLE ST.
ARTHUR, ONTARIO
DEMOLITION PLAN -
PLUMBING AND
DRAINAGE**

drawn :	CSP	check :	AD
date :	05/24/24	sheet :	M2.1
job :	24061		



SECOND FLOOR DEMOLITION PLAN – PLUMBING AND DRAINAGE
SCALE: 3/16"=1'-0"

SPECIFIC DEMOLITION NOTES

1. EXISTING DIFFUSER AND FLEXIBLE DUCTWORK TO BE REMOVED COMPLETE.
2. EXISTING RETURN GRILLE TO BE REMOVED COMPLETE.
3. CUT AND CAP DUCT.
4. EXISTING EXHAUST HOODS TO BE REMOVED COMPLETE.
5. EXISTING GRILLE TO BE REMOVED COMPLETE. CAP DUCT CONCEALED IN WALL AND REMOVE BEYOND COMPLETE. PATCH AND MAKE GOOD ALL SURFACES.
6. REMOVE EXISTING THERMOSTAT.
7. EXISTING DIFFUSER TO BE REMOVED, FLEXIBLE DUCTWORK TO REMAIN. PREPARE FOR NEW DIFFUSER CONNECTION.

GENERAL DEMOLITION NOTES

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- E. PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
- F. REMOVAL OF EXISTING PIPING, OR DUCT SYSTEMS INCLUDES REMOVAL OF ALL HANGERS, INSULATION, FITTINGS, ETC.
- G. MAINTAIN INTEGRITY OF EXISTING SYSTEMS THAT ARE TO REMAIN OR BE MODIFIED.
- H. INSTALL NEW SYSTEM OR SERVICES WHERE REQUIRED TO MAINTAIN SYSTEM OPERATION PRIOR TO DEMOLITION OF EXISTING SERVICES.
- I. THIS CONTRACTOR IS TO REMOVE & REPLACE CEILING AS REQUIRED FOR REMOVAL/REPLACEMENT OF SERVICES.
- J. ENSURE ANY REMAINING DUCTWORK, FITTINGS, AND CONTROLS OF DECOMMISSIONED SMOKE HEATER SYSTEM IS REMOVED.



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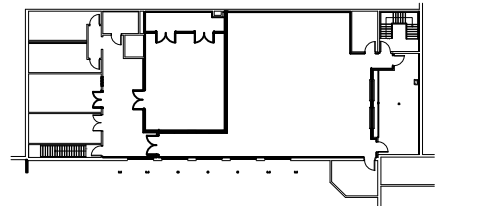


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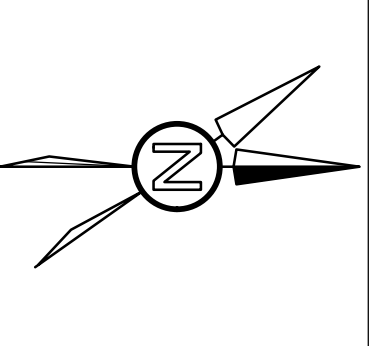
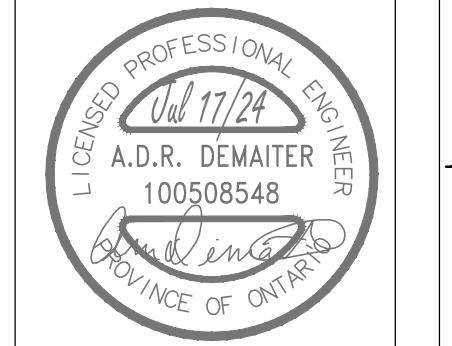
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ISSUED FOR

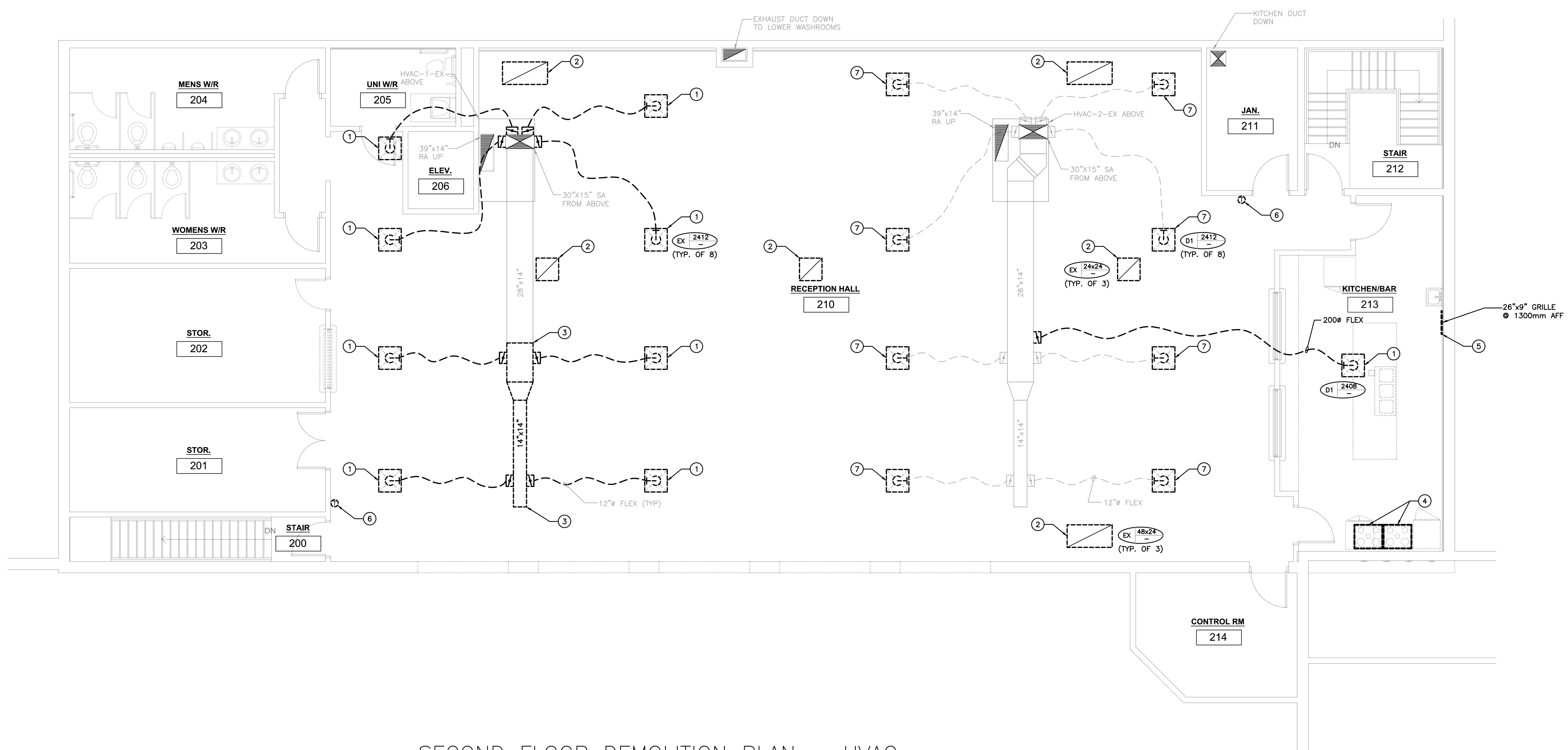


KEY PLAN



**ARTHUR ARENA
INTERIOR
RENOVATIONS
158 DOMVILLE ST.
ARTHUR, ONTARIO
DEMOLITION PLAN -
HVAC**

drawn :	CSP	check :	AD
date :	05/24/24	sheet :	M2.2
job :	24061		



SECOND FLOOR DEMOLITION PLAN – HVAC
SCALE: 3/16"=1'-0"



51 Kingston Street
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GENERAL RENOVATION NOTES

- A. CO-ORDINATE MOUNTING HEIGHTS OF FIXTURES WITH MILLWORK AND ARCHITECTURAL DETAILS.
- B. SANITARY VENT PIPING IS NOT SHOWN. PROVIDE ALL NECESSARY VENT PIPING FROM ALL FIXTURES FOR A COMPLETE SYSTEM TO ALL LOCAL PLUMBING CODE & LOCAL AUTHORITY REQUIREMENTS, CONNECTED TO EXISTING VENTS OR NEW VENTS AS REQUIRED.
- C. FLOOR DRAINS ARE TO BE VENTED AND TRAP SEAL PRIMED PROVIDE AUTOMATIC TRAP SEAL PRIMERS, MANIFOLDS, AND ASSOCIATED PIPING AS REQUIRED.
- D. EXTEND CLEANOUTS UP THROUGH FLOOR.
- E. REFER TO PLUMBING SCHEDULE FOR ALL FIXTURE BRANCH SIZING.

SPECIFIC RENOVATION NOTES

- 1. CONNECT NEW SINK TO EXISTING C&HW BRANCH.
- 2. INSTALL GREASE INTERCEPTOR UNDER CABINETRY.
- 3. 2" SAN DRAIN DOWN FROM GREASE INTERCEPTOR INTO SOFFIT BELOW.
- 4. RECONNECT NEW 2" SAN TO EXISTING DRAIN LINE.
- 5. HUB DRAIN MOUNTED ABOVE THE FLOOR.
- 6. RECONNECT EXISTING H&W AND SANITARY PIPING TO NEW HANDWASH SINK.

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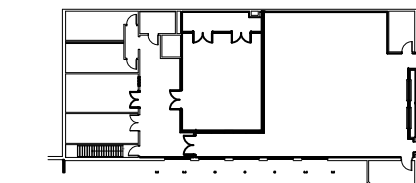


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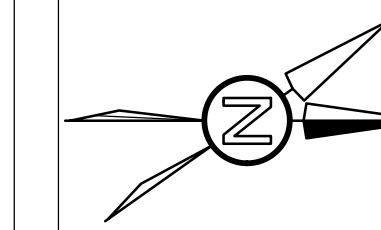
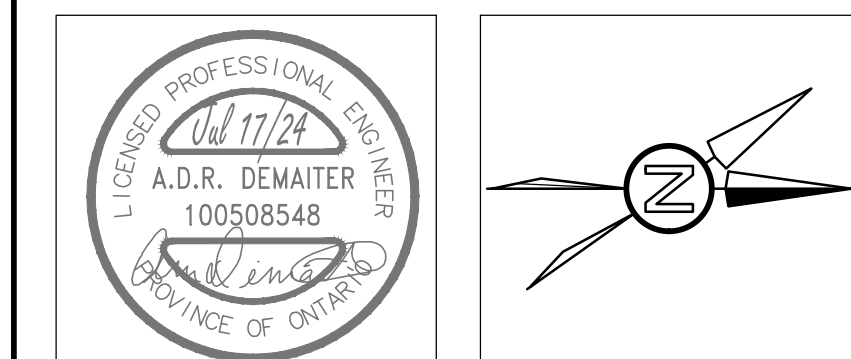
55 Northland Road, Waterloo, ON N2V 1Y8
Phone: 519-735-3555
Website: deiassociates.ca
Project Number: 24061

Rev.No.	DATE	REMARKS
4	2024-08-09	ISSUED FOR ADDENDUM #1
3	2024-07-17	ISSUED FOR TENDER & PERMIT
2	2024-06-25	ISSUED FOR 90% REVIEW
1	2024-05-23	ISSUED FOR 50% REVIEW

ISSUED FOR

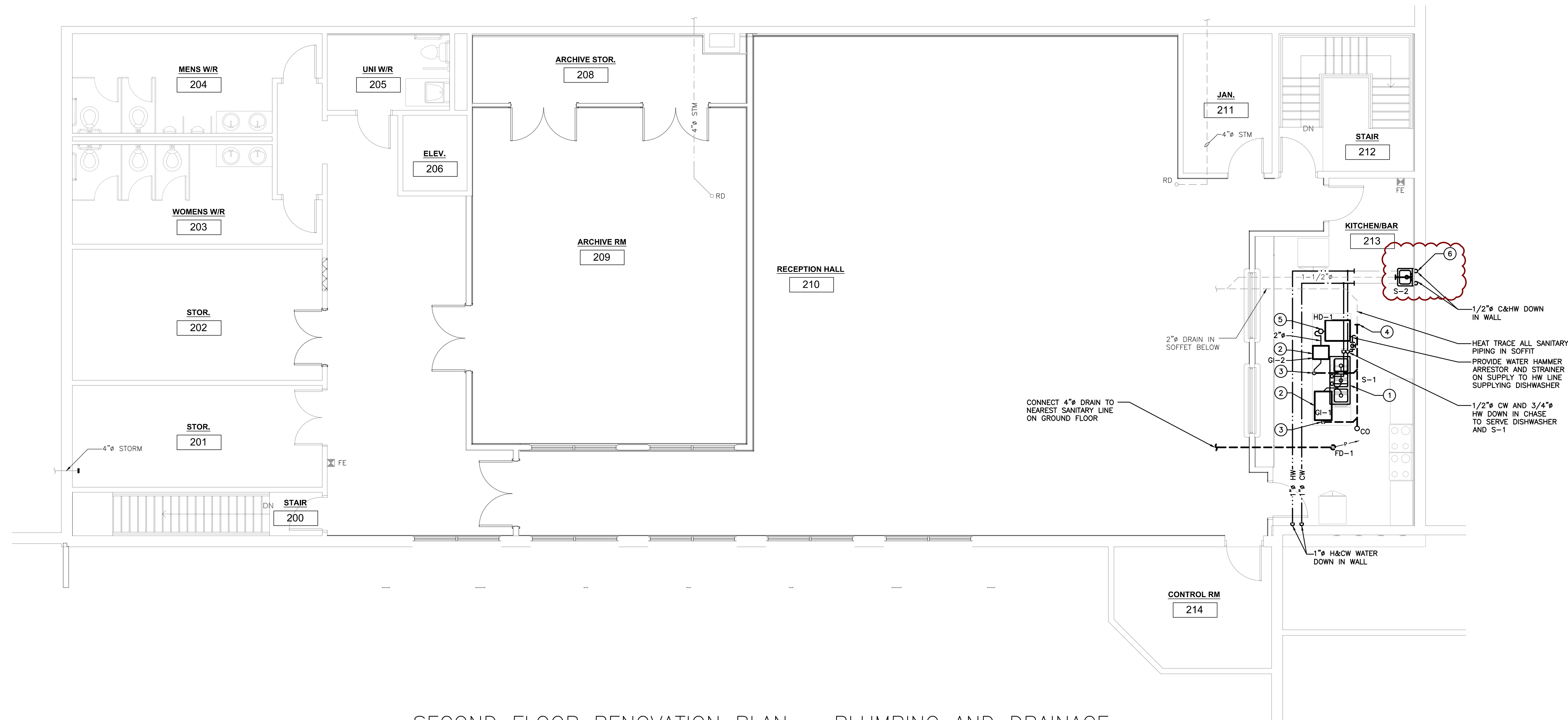


KEY PLAN



**ARTHUR ARENA
INTERIOR
RENOVATIONS
158 DOMVILLE ST.
ARTHUR, ONTARIO
RENOVATION PLAN -
PLUMBING AND
DRAINAGE**

drawn :	CSP	check :	AD
date :	05/24/24	sheet :	M3.1
job :	24061		



SECOND FLOOR RENOVATION PLAN – PLUMBING AND DRAINAGE
SCALE: 3/16"=1'-0"

GENERAL RENOVATION NOTES

- A. REFER TO ARCHITECTURAL CEILING PLANS FOR GRILLE/DIFFUSER LOCATIONS. CO-ORDINATE FINAL LOCATION ON SITE.
- B. WHERE DUCTWORK PENETRATES A CORRIDOR WALL, CENTER DUCTS BETWEEN OWSJ.

SPECIFIC RENOVATION NOTES

- 1. EXTEND EXISTING RETURN DUCT AS REQUIRED TO CONNECT NEW BYPASS DUCTWORK. BOTTOM OF DUCTWORK TO REMAIN OPEN.
- 2. NEW DIFFUSER CONNECTED TO EXISTING FLEX DUCT. STRETCH FLEX DUCT AS NEEDED TO SUIT LOCATION.



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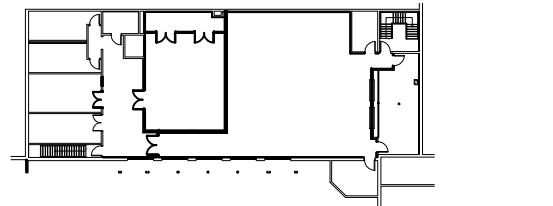


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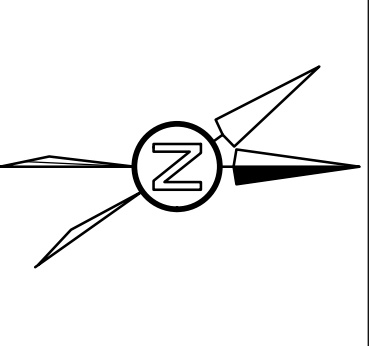
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Website: deiasociates.ca
Project Number: 24061

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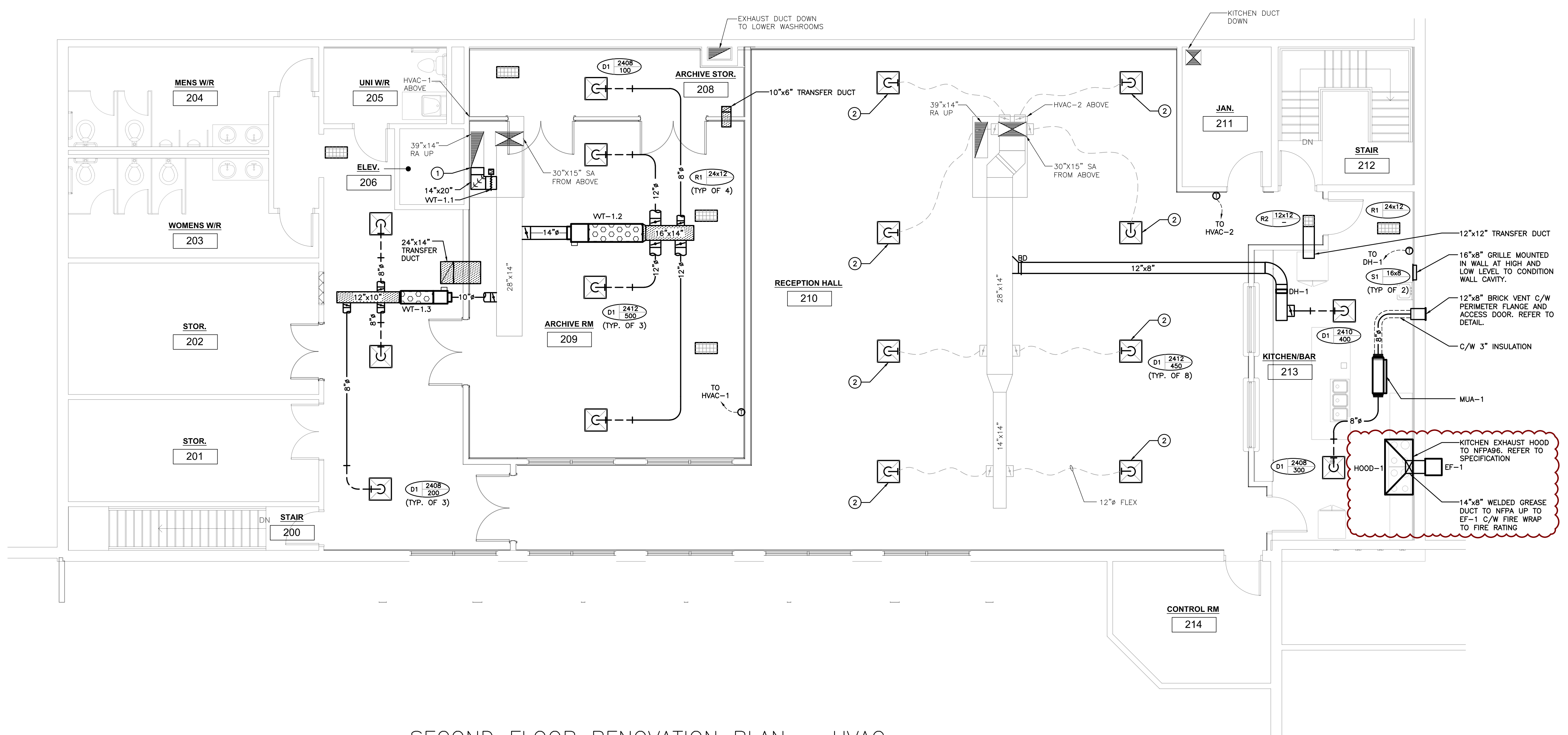


KEY PLAN



**ARTHUR ARENA
INTERIOR
RENOVATIONS
158 DOMVILLE ST.
ARTHUR, ONTARIO
RENOVATION PLAN -
HVAC**

drawn :	CSP	check :	AD
date :	05/24/24	sheet :	M3.2
job :	24061		



SECOND FLOOR RENOVATION PLAN – HVAC
SCALE: 3/16"=1'-0"

GENERAL RENOVATION NOTES

- A. NO NEW PENETRATIONS THROUGH ROOF TO BE MADE. ROUTE ALL SANITARY AND/OR PRR VENTS THROUGH EXISTING VENTS OR ROUTE THROUGH KITCHEN WALL.
- B. ALL EQUIPMENT SHALL BE MINIMUM 3.0m FROM EDGE OF ROOF.



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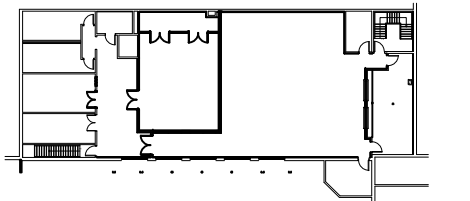


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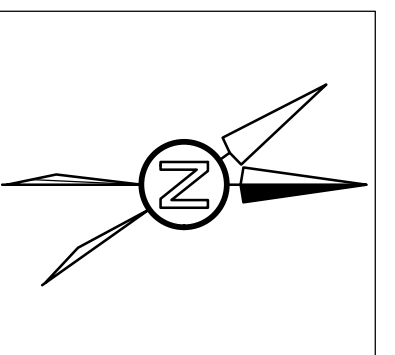
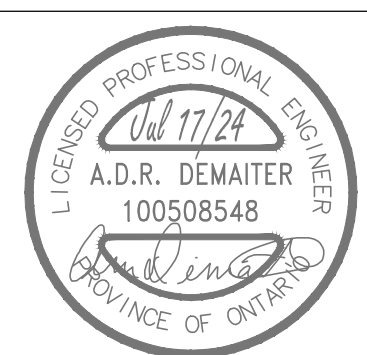
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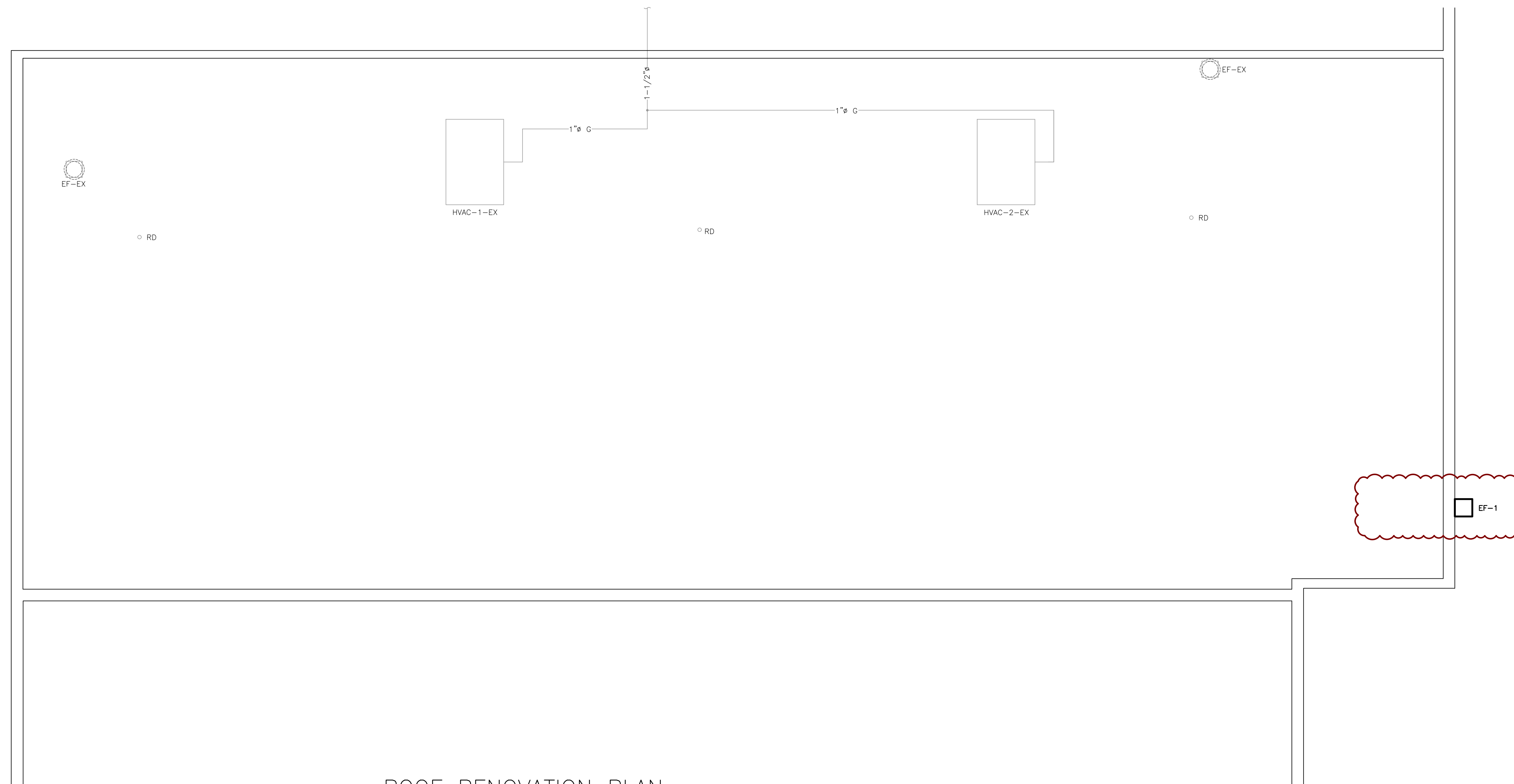
ISSUED FOR



KEY PLAN



**ARTHUR ARENA
 INTERIOR
 RENOVATIONS
 158 DOMVILLE ST.
 ARTHUR, ONTARIO
 RENOVATION PLAN -
 ROOF**



ROOF RENOVATION PLAN
 SCALE: 3/16"=1'-0"

drawn : CSP	check : AD
date : 05/24/24	sheet : M3.3
job : 24061	

