

MECHANICAL LEGEND

Item	Description	Item	Description	Item	Description
-----	ITEM TO BE REMOVED	FD	FLOOR DRAIN	G	THERMOSTAT (WITH GUARD WHERE INDICATED)
---	CUT EXISTING & CONNECT NEW PIPING	TP	TRAP PRIMER	G	CO2 SENSOR (WITH GUARD WHERE INDICATED)
▶	FLOW DIRECTION	TE	TEE CONNECTION	SA	SUPPLY AIR DUCT
---	POTABLE COLD WATER	P	PIPE DOWN	RA	RETURN/EXHAUST AIR DUCT
---	POTABLE HOT WATER	P	PIPE UP	BD	BALANCING DAMPER
-- SAN-EX --	EXISTING SAN ABOVE FLOOR	RI	REDUCER/INCREASER	MD	MOTORIZED DAMPER
-- SAN-EX --	EXISTING SAN BELOW FLOOR	U	UNION	FD	FIRE DAMPER
-- SAN --	SANITARY ABOVE FLOOR	ST	STRAINER	FSD	FIRE/SMOKE DAMPER
-- SAN --	SANITARY BELOW FLOOR	SC	SCREWED OR WELDED PIPE CAP	RD	RECTANGULAR DUCTWORK
-- STM-EX --	EXISTING STM ABOVE FLOOR	BV	BALL VALVE	DF	DIFFUSER/GRILLE SIZE (imp), TYPE & CAPACITY (cfm)
-- STM-EX --	EXISTING STM BELOW FLOOR	AV	AIR VENT	HS	HYDRONIC HEATING SIZE, TYPE & CAPACITY
-- STM --	STORM ABOVE FLOOR	VR	VALVE ON RISER	AD	ACCESS DOOR
-- STM --	STORM BELOW FLOOR	BV	BALANCING VALVE	EXP	EXPANSION JOINT
-- CD --	CONDENSATE DRAIN	TCV	2-WAY TEMPERATURE CONTROL VALVE	AFR	ABOVE FINISHED ROOF
-- V --	VENT	TCV	3-WAY TEMPERATURE CONTROL VALVE	EX	EXISTING DUCT (SIZE AS INDICATED)
HWS	HEATING WATER SUPPLY	FEC	RECESSED CABINET MOUNTED FIRE EXTINGUISHER		
HWR	HEATING WATER RETURN	FE	WALL MOUNTED FIRE EXTINGUISHER		
RL	REFRIGERANT LIQUID	CO	FLOOR CLEANOUT		
RS	REFRIGERANT SUCTION	CO	LINE CLEANOUT		

LOUVRED PENTHOUSE SCHEDULE

Item	Type	Airflow (cfm)	Throat (in)	Height (in)	Acceptable Manufacturer & Model	Remarks
PH-1	EXHAUST	800	28X16	16	VENTEX PH2425M	MITRE CORNER, STORMPROOF BLADES, COLOUR TO BE SELECTED BY ARCHITECT. PROVIDE ROOF CURB HEIGHT SUITABLE SUCH THAT BOTTOM LOUVER IS 900mm (36") A.F.R.

GENERAL LOUVRED PENTHOUSE SCHEDULE NOTES:
 1. STATIC PRESSURE 0.03.
 2. PROVIDE 900mm (36") HIGH ROOF CURB.

PLUMBING FIXTURE SCHEDULE

Item	Type	Connection Sizes					Fixture		Trim Description	Accessories		
		HW	CW	TW	Drain	Vent	Acceptable Manufacturer	Fixture Description		Acceptable Manufacturer	Accessory Description	
WF-1	B.F. WASH FOUNTAIN	15	15		40	32	BRADLEY SENTRY SN2004-A-IRP-STD-TMA-NSD-BS	BARRIER FREE SEMI-CIRCULAR STAINLESS STEEL BOWL. ALL EXPOSED COMPONENTS TO BE STAINLESS STEEL. SUITABLE FOR FOUR (4) USERS. STANDARD PEDESTAL HEIGHT. C/W BACKSPASH. TRIM: INFRARED CONTROLLED, AT EACH INDIVIDUAL USER, MOLDED SPRAYHEAD, STOP VALVES, HORIZONTAL SWING CHECK VALVES, THERMOSTATIC MIXING VALVE PRESET AT 40°C. NO SOAP DISPENSER. SUITABLE FOR 120 V/1/60 COMPLETE WITH CLASS II 120/24V PLUG IN TRANSFORMER. COLOUR BY ARCHITECT				
RD-1	ROOF DRAIN				NOTED		ZURN ZA121-CR MIFAB R1200-BU CONTOUR C1000DMP WATTS RD-100-BED-K SMITH 1015-C-R-AD	STANDARD ROOF DRAIN WITH CAST IRON BODY WITH ALUMINIUM DOME. UNDER-DECK CLAMP TO SUIT ROOF CONSTRUCTION, ROOF SUMP RECEIVER, FLASHING CLAMP RING WITH INTEGRAL GRAVEL STOP.				
MS-1	MOP SINK	1/2	1/2		3	1 1/2	FIAT MSB 2424 ZURN 1996-24 STERN WILLIAMS MTB-2424	SINK: MOLDED HIGH DENSITY COMPOSITE BASIN WITH 80 mm (3") CHROME PLATED CAST BRASS DOME STRAINER AND GASKETED OUTLET CONNECTION. OVERALL SIZE: 600 mm X 600 mm X 250 mm HIGH (24" X 24" X 10").	FIAT 830-AA ZURN ZB42M1-5H DELTA 2819	WALL MOUNTED FAUCET: CHROME PLATED CAST BRASS WALL MOUNTED FAUCET WITH WALL BRACE, 20 mm (3/4") THREADED OUTLET SPOUT WITH PAIL HOOK, 200 mm (8") CENTRESET LEVER HANDLES, VACUUM BREAKER, ESCUTCHEONS, UNION INLETS, AERATOR, & INTEGRAL STOP VALVES. PROVIDE ACCESSORIES TO LIMIT MAXIMUM FLOW RATE TO 8.35 l/min (2.2 gpm) AT 413 KPA (60 psi).	FIAT ZURN STERN WILLIAMS DELTA	HOSE AND HOSE BRACKET: 1200 mm (48") LONG RUBBER HOSE MOP HANGER WALL GUARD: STAINLESS STEEL 600 mm (24") HIGH CONTINUOUS ON ADJACENT WALLS.
EW-1	EYE WASH	1/2	1/2		1 1/4	1 1/4	HAWS 7260BT-7270BT BRADLEY S19-220 GUARDIAN G1750P-TMV	250 MM (10") DIAMETER IMPACT RESISTANT BOWL CHROME PLATED BRASS SPRAY HEADS COMPLETE WITH COVERS, AND WALL MOUNTING BRACKET. TEPID WATER MIXING VALVE MEETING REQUIREMENTS OF ANSI STANDARD Z358.1-2004. MIXING VALVE IS TO PROVIDE WATER TEMPERATURE BETWEEN 15.5°C (60°) AND 38°C (100°F). 15 MM (1/2") CHROME PLATED BRASS STAY OPEN BALL VALVE COMPLETE WITH PUSH HANDLE.			HAWS TWBS.EWE BRADLEY S19-2000 GUARDIAN G3600	TEMPERING VALVE TO BLEND HOT AND COLD WATER TO DELIVER TEPID WATER. AS REQUIRED BY ANSI Z358.1

GRILLE SCHEDULE

Item	Type	Equalizing Grid	Volume Damper	Acceptable Manufacturer	Description
E1	EXHAUST GRILLE (DUCTED)	NO	NONE	EH PRICE 80-FA	1/2x1/2x1/2 ALUMINUM EGGCRATE CORE, 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 EGGCRATE CORE, C/W CHANNEL BORDER FOR LAY-IN T-BAR CEILING.

GENERAL GRILLE SCHEDULE 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 MATTE BLACK (WHERE VISIBLE THRU GRILLE).

HEATING COMPONENT SCHEDULE

Item	Type	Size	Capacity (MBH)	EWT (°F)	LWT (°F)	EAT (°F)	Acceptable Manufacturer & Model	Remarks
H-1	CONVECTOR	AS NOTED	AS NOTED	150	130	70	ENG AIR C-1W	6" DEEP, TOP OF UNIT AT 42" AFF SURFACE MOUNTED, FRONT INLET & OUTLET
H-2	CABINET UNIT HEATER	AS NOTED	AS NOTED	150	130	70	ENG AIR CUH SERIES	SURFACE WALL MOUNTED, DOWNFLOW ARR 11, 120/1/60, Fhp, C/W REMOTE THERMOSTAT

GENERAL HEATING COMPONENT SCHEDULE NOTES:
 1. ACCEPTABLE MANUFACTURER: ENGINEERED AIR, SIGMA, RITTLING, SLANT-FIN, ROSEMEX, DUNHAM-BUSH.
 2. TEMPERATURE RATINGS: EWT-150°F, LWT-130°F, EAT-68°F.
 3. SIZES AND HEAT CAPACITIES ARE NOTED ON THE FLOOR PLANS.
 4. RAD, CONVECTOR & CABINET HEATER FINISHES ARE TO BE FACTORY APPLIED POWDER COAT FINISH SELECTED FROM STANDARD MANUFACTURER'S COLOURS UNLESS OTHERWISE NOTED.
 5. UNIT HEATERS FINISH ARE FACTORY APPLIED BAKED ON ENAMEL SELECTED FROM STANDARD MANUFACTURER'S COLOURS.



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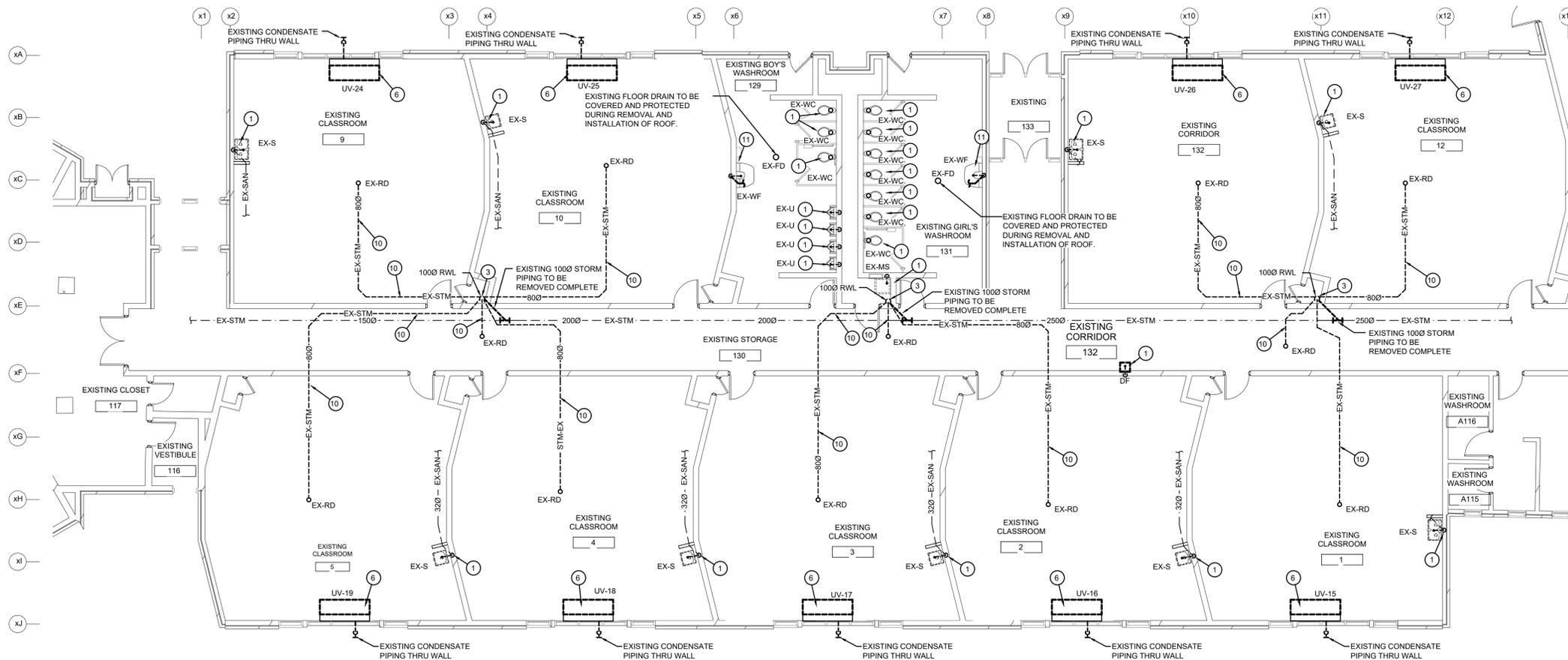
DEI Consulting Engineers Inc.
 MECHANICAL ELECTRICAL PLUMBING
 2026-03-10 ISSUED FOR TENDER



153 Moncton Dr. Kitchener, ON
 Project No.: 1167B
 Drawn By: NT
 Plot Date: 2-Mar-26

Crestview Public School
 ROOF REPLACEMENT
 KEY PLAN, LEGEND & SCHEDULES

M1.1



DRAINAGE - PART PLAN - DEMOLITION
SCALE: 1:100

NOTE:
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- ALL OPENINGS THAT RESULT FROM THE REMOVAL OF EQUIPMENT OR SERVICES SHALL BE NEATLY PATCHED WITH SUITABLE NEW MATERIALS TO SUIT EXISTING CONSTRUCTION.
- PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
- REMOVAL OF EXISTING PIPING, OR DUCT SYSTEMS INCLUDES REMOVAL OF ALL HANGERS, INSULATION, FITTINGS, ETC.
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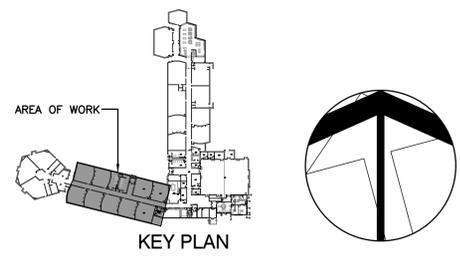
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2026-03-10 ISSUED FOR TENDER

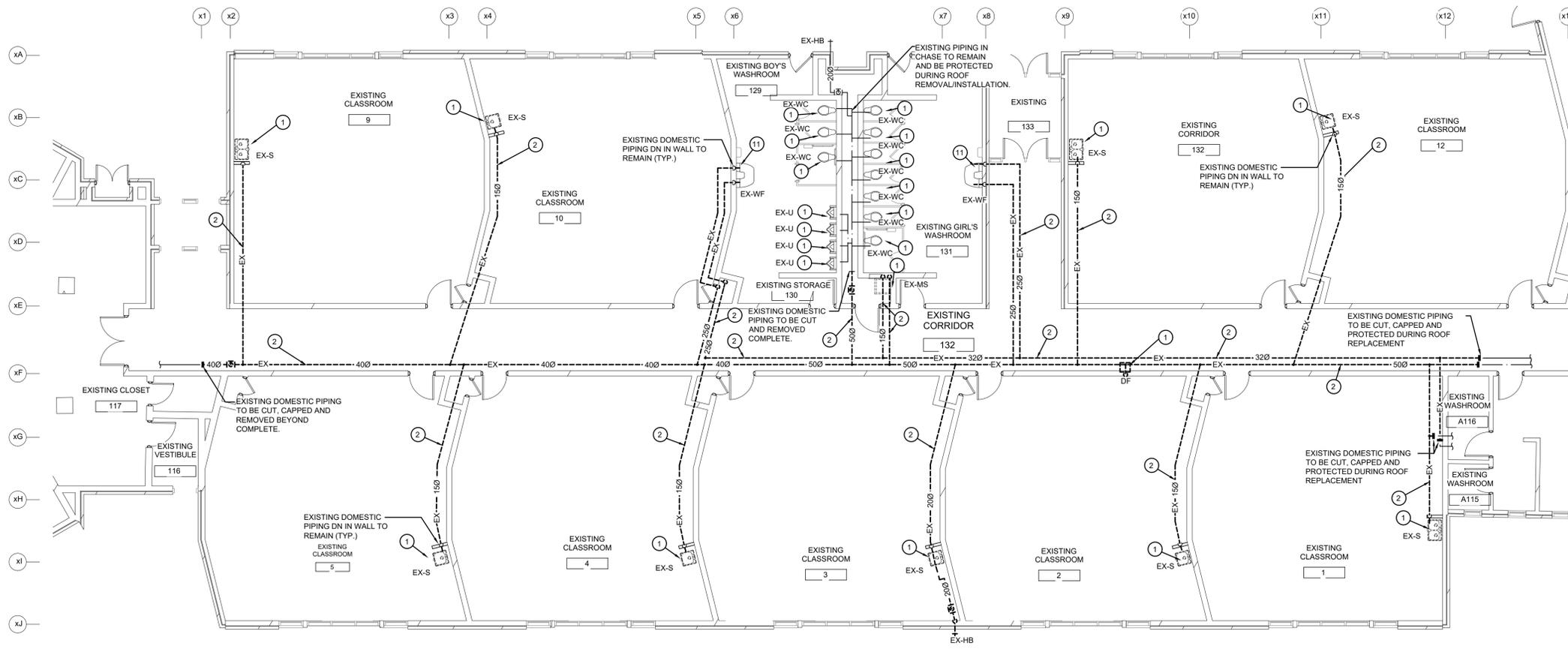


153 Monmouth Dr., Kitchener, ON	Plot Date: 2-MAR-26
Project No.: 1167B	Drawn By: NT

Crestview Public School
ROOF REPLACEMENT
DRAINAGE PART PLAN - DEMOLITION



M2.1



DOMESTIC - PART PLAN - DEMOLITION
SCALE: 1:100

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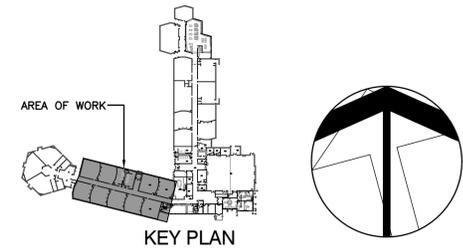


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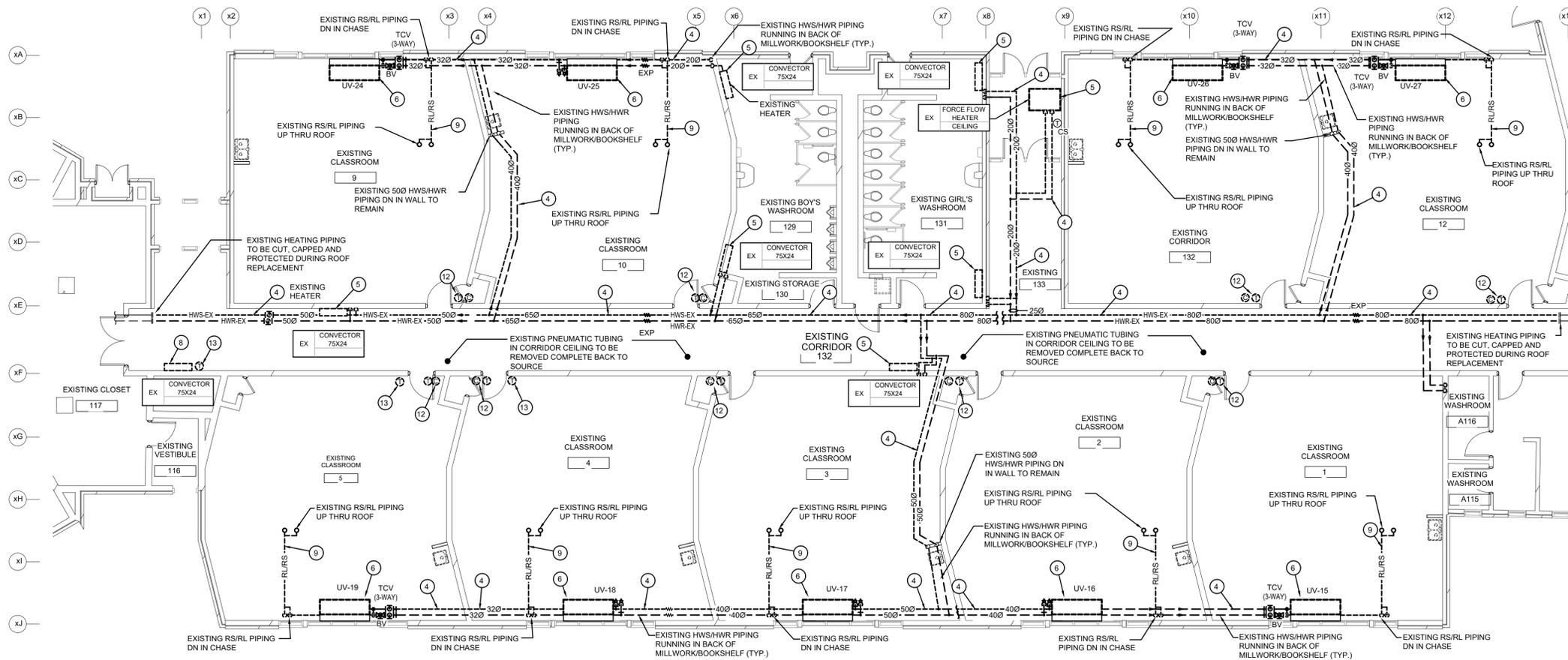


153 Monmouth Dr., Kitchener, ON
Project No.: 1167B
Drawn By: NT
Plot Date: 2-Mar-26

Crestview Public School
ROOF REPLACEMENT
DOMESTIC PART PLAN - DEMOLITION



M2.2



HEATING & REFRIGERANT- PART PLAN - DEMOLITION
SCALE: 1:100

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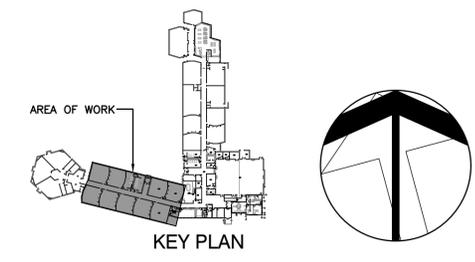
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Mechanical Electrical Plumbing
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2026-03-10 ISSUED FOR TENDER

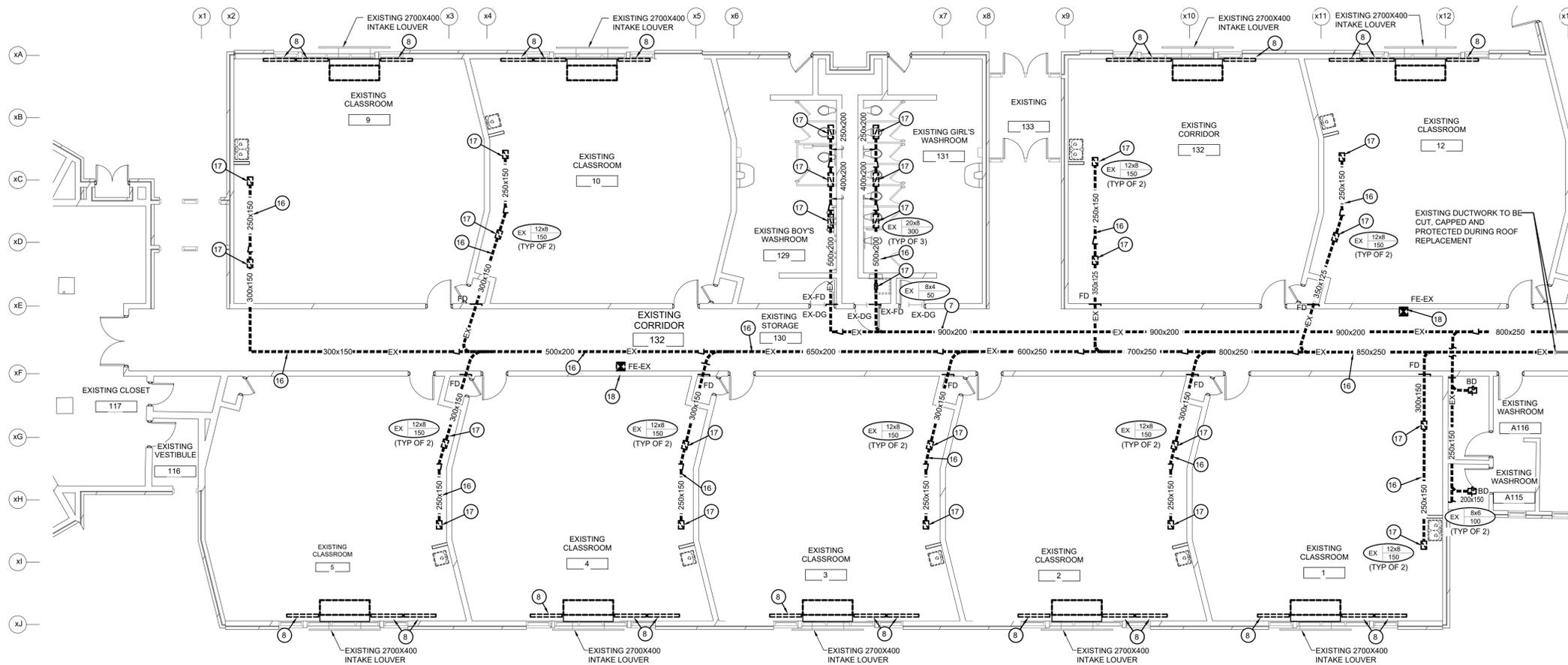


Project No.:	1167B
Drawn By:	NT
Plot Date:	2-Mar-26

Crestview Public School
ROOF REPLACEMENT
DRAINAGE PART PLAN - DEMOLITION

M2.3





DUCTWORK - PART PLAN - DEMOLITION
SCALE: 1:100

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- EXISTING RWL PIPING IN CEILING TO BE REMOVED COMPLETE.
- EXISTING PLUMBING FIXTURE TO BE REMOVED COMPLETE. EXISTING DRAINAGE AND DOMESTIC PIPING TO BE CUT AT WALL AND REMOVED BEYOND COMPLETE AND PREPARED FOR CONNECTION TO NEW PLUMBING FIXTURE.
- EXISTING THERMOSTAT AND CO SENSOR TO BE REMOVED AND STORED ON SITE.
- EXISTING PNEUMATIC THERMOSTAT/SENSOR TO BE REMOVED COMPLETE. REMOVE WIRING/TUBING BACK TO SOURCE. EXISTING PNEUMATIC TUBING TO BE SOLDERED/CRIMPED IN CONCEALED LOCATION.
- EXISTING CONDENSING UNIT TO BE REMOVED AND STORED ON SITE. EXISTING REFRIGERANT TO BE RECLAIMED & STORED FOR RE-USE.
- EXISTING ROOF DRAIN TO BE REMOVED AND STORED ON SITE.
- EXISTING DUCTWORK TO BE REMOVED COMPLETE.
- EXISTING GRILLE TO BE REMOVED COMPLETE.
- EXISTING FIRE EXTINGUISHER TO BE REMOVED AND STORED ON SITE.

NOTE:
NEW ROOF REPLACEMENT. EACH CONTRACTOR SHALL INCLUDE IN THEIR TENDER PRICE ALL COSTS ASSOCIATED WITH REMOVING, STORING AND REINSTALLING AND OR REPLACING EXISTING MECHANICAL PLUMBING FIXTURE, MECHANICAL EQUIPMENT, PIPING, DUCTWORK, ETC AS INDICATED, IN THIS AREA. EACH CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL AND OR STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF ANY WORK.

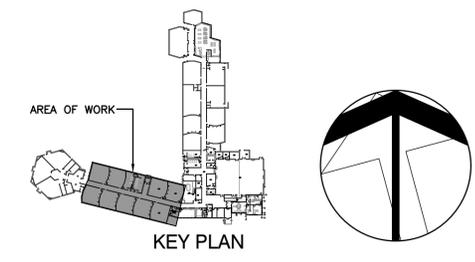


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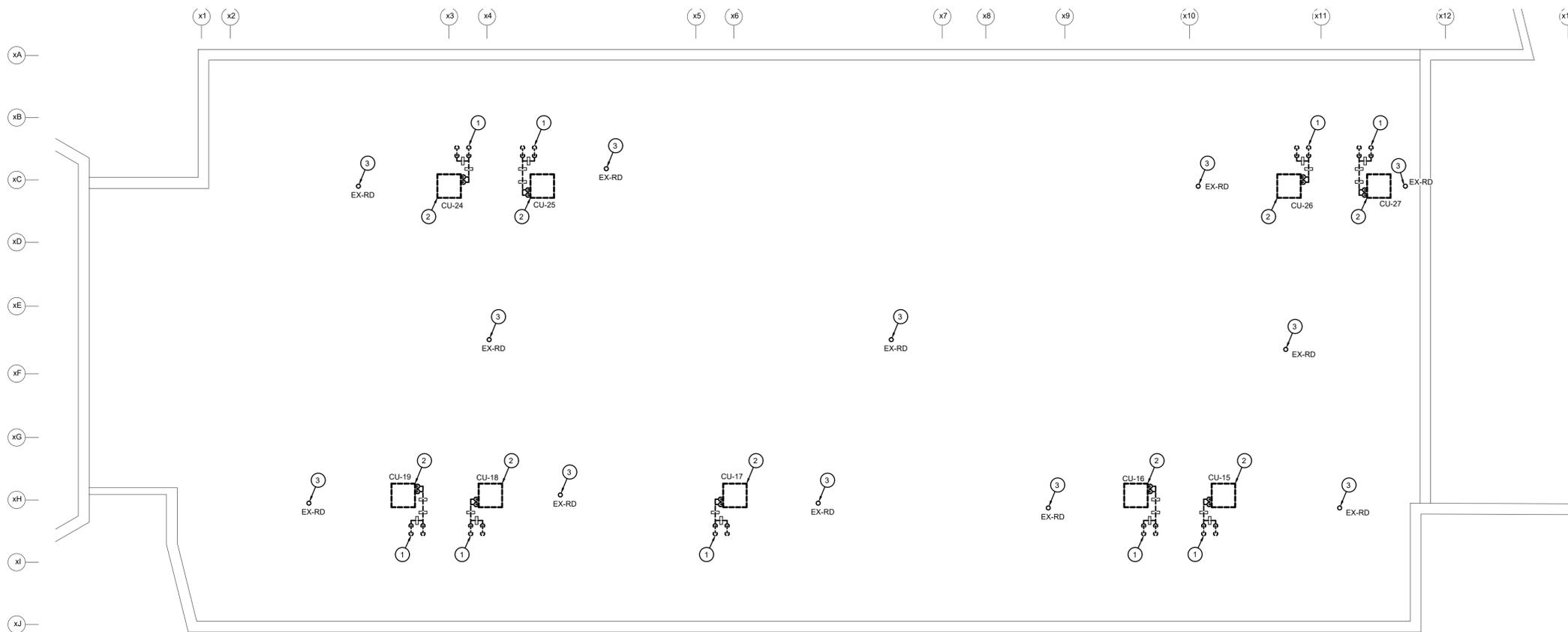


Project No.:	1167B
Drawn By:	NT
Plot Date:	2-Mar-26

153 Monmouth Dr., Kitchener, ON
Crestview Public School
ROOF REPLACEMENT
DUCTWORK PART PLAN - DEMOLITION



M2.4



ROOF PART PLAN - DEMOLITION
SCALE: 1:100

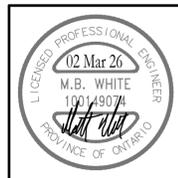
GENERAL DEMOLITION NOTES

- 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.
- PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
- 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.

SPECIFIC DEMOLITION NOTES

- EXISTING REFRIGERATION PIPING TO BE REMOVED COMPLETE. EXISTING REFRIGERANT TO BE RECLAIMED & STORED FOR RE-USE.
- EXISTING CONDENSING UNIT TO BE REMOVED AND STORED ON SITE. EXISTING REFRIGERANT TO BE RECLAIMED & STORED FOR RE-USE.
- EXISTING ROOF DRAIN TO BE REMOVED COMPLETE.

NOTE:
NEW ROOF REPLACEMENT. EACH CONTRACTOR SHALL INCLUDE IN THEIR TENDER PRICE ALL COSTS ASSOCIATED WITH REMOVING, STORING AND REINSTALLING AND OR REPLACING EXISTING MECHANICAL PLUMBING FIXTURE, MECHANICAL EQUIPMENT, PIPING, DUCTWORK, ETC AS LOCATION. IN THIS AREA. EACH CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL AND OR STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF ANY WORK.

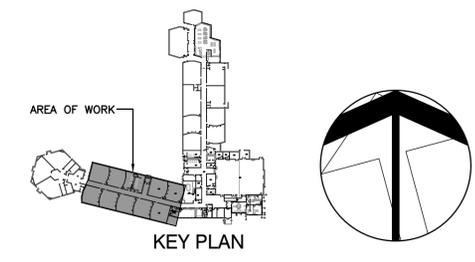


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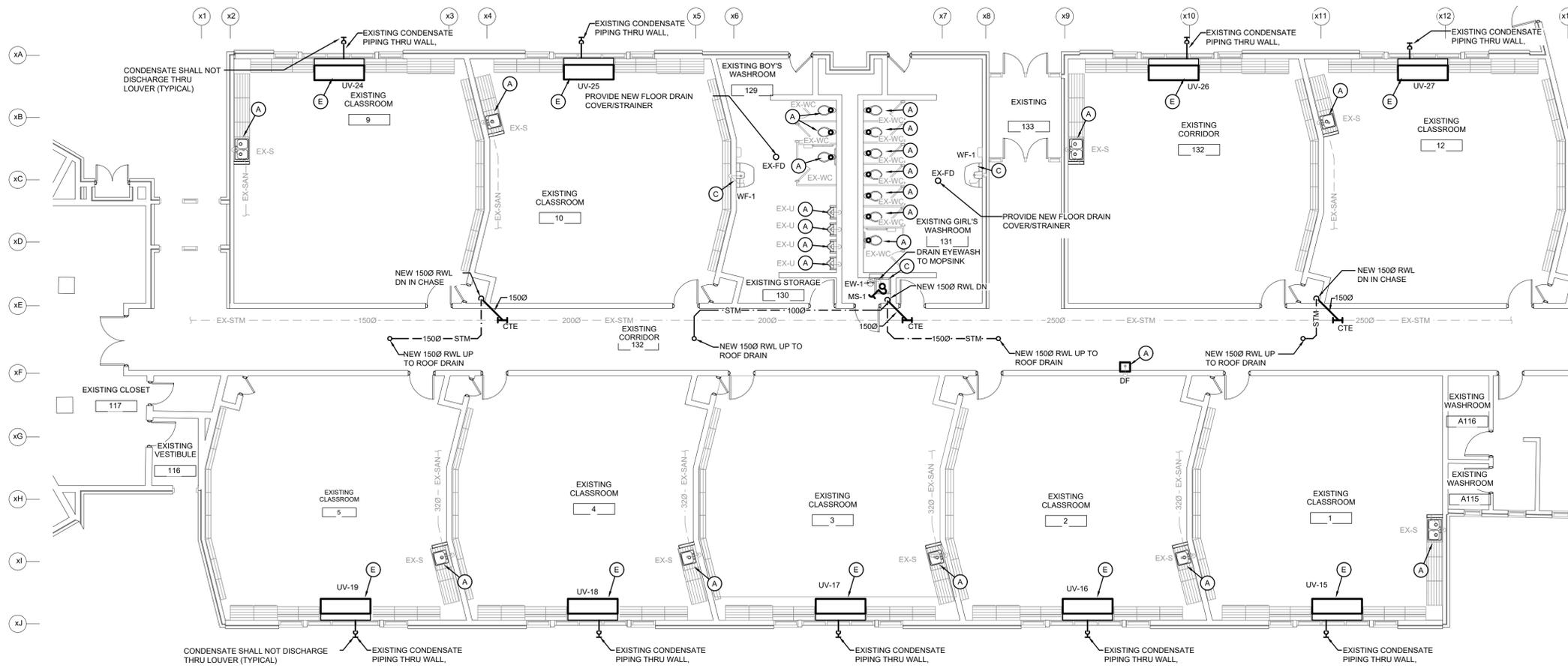


Crestview Public School
ROOF REPLACEMENT
ROOF PART PLAN - DEMOLITION

153 Montclair Dr., Kitchener, ON
Project No.: 1167B
Drawn By: NT
Plot Date: 2-Mar-26



M2.5



DRAINAGE - PART PLAN - RENOVATION
SCALE: 1:100

GENERAL RENOVATION NOTES

- PIPE INSULATION IS TO BE INSTALLED AT ALL EXISTING PIPE, ELBOWS, FITTINGS, ETC. WHERE ABATEMENT REMOVED THE INSULATION AND WHERE EXISTING PIPE ELBOWS, FITTINGS, ETC. ARE REMAINING AS PRESENTLY INSTALLED. CONTRACTOR TO REVIEW ON SITE FOR QUANTITY & SIZES.
- CONTRACTOR TO LOCATE ISOLATION VALVES AND DRAIN SYSTEMS AS INDICATED. FLUSHING, CLEANING, & REFILLING WITH CLEAN WATER & CHEMICAL TO WATER TREATMENT CONTRACTOR REQUIREMENTS.
- FREEZE OR DRAIN EXISTING PIPING AS REQUIRED TO FACILITATE CUT IN.

SPECIFIC RENOVATION NOTES

- REINSTALL EXISTING PLUMBING FIXTURE CONNECT TO EXISTING DOMESTIC AND SANITARY PIPING.
- REINSTALL EXISTING DDC THERMOSTAT AND CO2 SENSOR.
- CONNECT NEW PLUMBING FIXTURE TO EXISTING DOMESTIC AND SANITARY PIPING.
- INSTALL EXISTING HEATER.
- INSTALL EXISTING UNIT VENTILATOR RECONNECT HEATING, REFRIGERATION PIPING, CONDENSATE PIPING AND LOUVER.
- INSTALL EXISTING GRILLE.

NOTE:

NEW ROOF REPLACEMENT. EACH CONTRACTOR SHALL INCLUDE IN THEIR TENDER PRICE ALL COSTS ASSOCIATED WITH REMOVING, STORING AND REINSTALLING AND OR REPLACING EXISTING MECHANICAL PLUMBING FIXTURE, MECHANICAL EQUIPMENT, PIPING, DUCTWORK, ETC. IN THIS AREA. EACH CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL AND OR STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF ANY WORK.

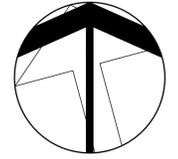
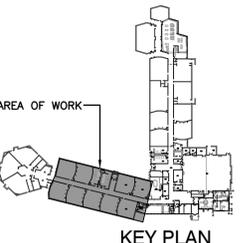


The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before any building construction work commences. Obtain approval for relocation of services from Consultant before any relocation work commences. Provide the same to meet the requirements, drawings and specifications, etc. Proposed and existing conditions shall be shown on the drawings. These drawings are not to be duplicated or copied without the consent of the Consultant. Do not scale the drawings. © 2026 DEI Consulting Engineers Inc.

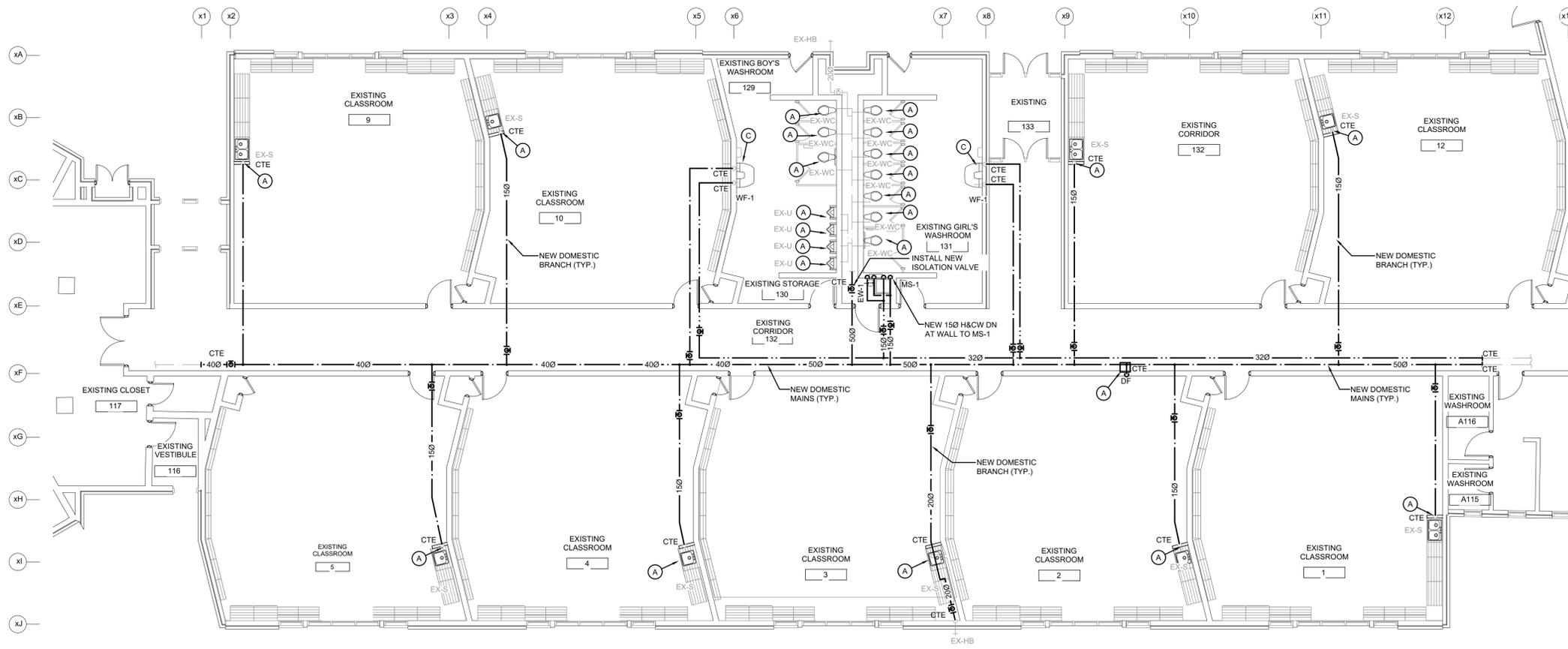


153 Montclair Dr., Kitchener, ON
Project No.: 1167B
Drawn By: NT
Plot Date: 2-Mar-26

Crestview Public School
ROOF REPLACEMENT
DRAINAGE PART PLAN - RENOVATION



M3.1



DOMESTIC - PART PLAN - RENOVATION
SCALE: 1:100

GENERAL RENOVATION NOTES

- PIPE INSULATION IS TO BE INSTALLED AT ALL EXISTING PIPE, ELBOWS, FITTINGS, ETC. WHERE ABATEMENT REMOVED THE INSULATION AND WHERE EXISTING PIPE ELBOWS, FITTINGS, ETC. ARE REMAINING AS PRESENTLY INSTALLED. CONTRACTOR TO REVIEW ON SITE FOR QUANTITY & SIZES.
- CONTRACTOR TO LOCATE ISOLATION VALVES AND DRAIN SYSTEMS AS INDICATED. FLUSHING, CLEANING, & REFILLING WITH CLEAN WATER & CHEMICAL TO WATER TREATMENT CONTRACTOR REQUIREMENTS.
- FREEZE OR DRAIN EXISTING PIPING AS REQUIRED TO FACILITATE CUT IN.

SPECIFIC RENOVATION NOTES

- REINSTALL EXISTING PLUMBING FIXTURE CONNECT TO EXISTING DOMESTIC AND SANITARY PIPING.
- REINSTALL EXISTING DDC THERMOSTAT AND CO2 SENSOR.
- CONNECT NEW PLUMBING FIXTURE TO EXISTING DOMESTIC AND SANITARY PIPING.
- INSTALL EXISTING HEATER.
- INSTALL EXISTING UNIT VENTILATOR RECONNECT HEATING, REFRIGERATION PIPING, CONDENSATE PIPING AND LOUVER.
- INSTALL EXISTING GRILLE.

NOTE:

NEW ROOF REPLACEMENT. EACH CONTRACTOR SHALL INCLUDE IN THEIR TENDER PRICE ALL COSTS ASSOCIATED WITH REMOVING, STORING AND REINSTALLING AND/OR REPLACING EXISTING MECHANICAL PLUMBING FIXTURE, MECHANICAL EQUIPMENT, PIPING, DUCTWORK, ETC. IN THIS AREA. EACH CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF ANY WORK.

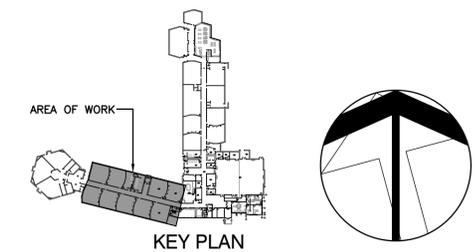


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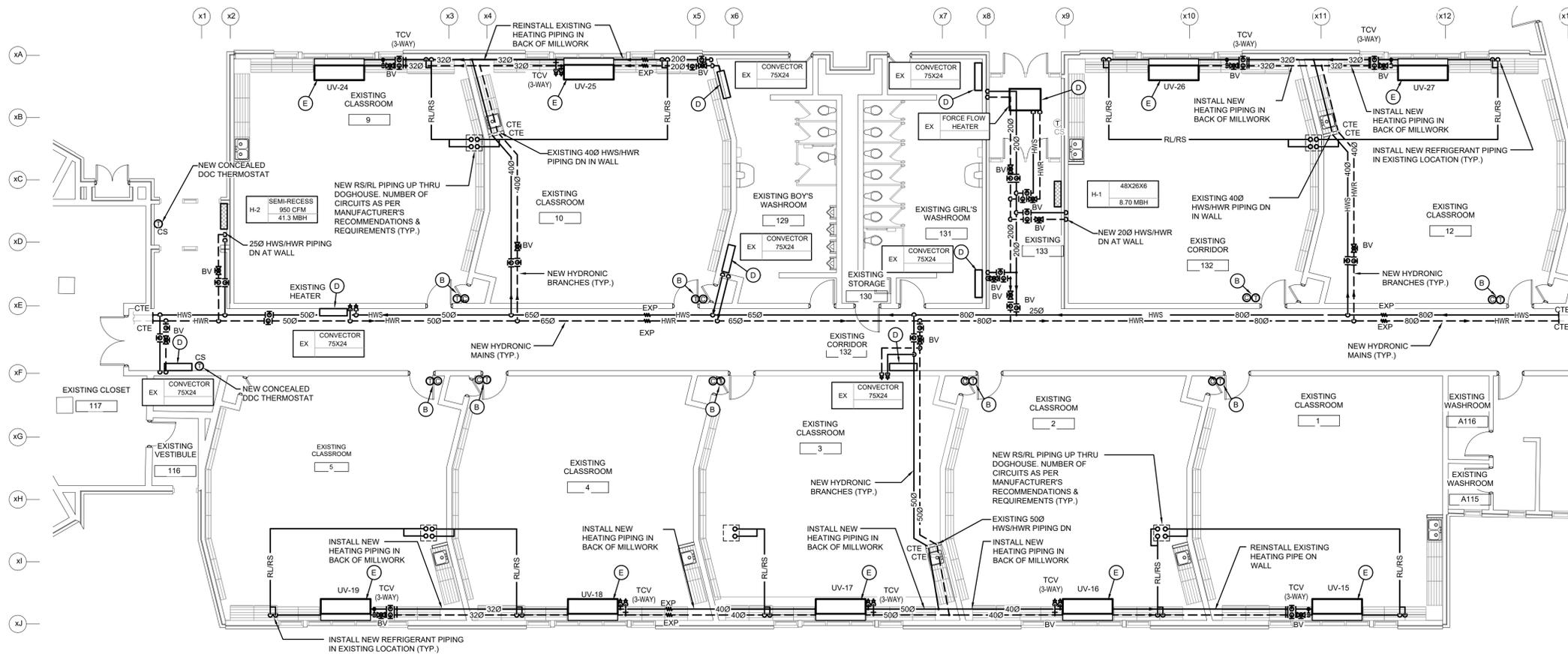


Crestview Public School
ROOF REPLACEMENT
DOMESTIC PART PLAN - RENOVATION

153 Montclair Dr., Kitchener, ON
Project No.: 1167B
Drawn By: NT
Plot Date: 2-Mar-26



M3.2



HEATING & REFRIGERANT - PART PLAN - RENOVATION
SCALE: 1:100

GENERAL RENOVATION NOTES

- PIPE INSULATION IS TO BE INSTALLED AT ALL EXISTING PIPE, ELBOWS, FITTINGS, ETC. WHERE ABATEMENT REMOVED THE INSULATION AND WHERE EXISTING PIPE ELBOWS, FITTINGS, ETC. ARE REMAINING AS PRESENTLY INSTALLED. CONTRACTOR TO REVIEW ON SITE FOR QUANTITY & SIZES.
- CONTRACTOR TO LOCATE ISOLATION VALVES AND DRAIN SYSTEMS TO ALLOW PROPOSED WORK TO PROCEED. REFILL SYSTEMS AS INDICATED. FLUSHING, CLEANING, & REFILLING WITH CLEAN WATER & CHEMICAL TO WATER TREATMENT CONTRACTOR REQUIREMENTS.
- FREEZE OR DRAIN EXISTING PIPING AS REQUIRED TO FACILITATE CUT IN.

SPECIFIC RENOVATION NOTES

- REINSTALL EXISTING PLUMBING FIXTURE CONNECT TO EXISTING DOMESTIC AND SANITARY PIPING.
- REINSTALL EXISTING DDC THERMOSTAT AND CO2 SENSOR.
- CONNECT NEW PLUMBING FIXTURE TO EXISTING DOMESTIC AND SANITARY PIPING.
- INSTALL EXISTING HEATER.
- INSTALL EXISTING UNIT VENTILATOR RECONNECT HEATING, REFRIGERATION PIPING, CONDENSATE PIPING AND LOUVER.
- INSTALL EXISTING GRILLE.

NOTE:

NEW ROOF REPLACEMENT. EACH CONTRACTOR SHALL INCLUDE IN THEIR TENDER PRICE ALL COSTS ASSOCIATED WITH REMOVING, STORING AND REINSTALLING AND/OR REPLACING EXISTING MECHANICAL PLUMBING FIXTURE, MECHANICAL EQUIPMENT, PIPING, DUCTWORK, ETC. IN THIS AREA. EACH CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF ANY WORK.

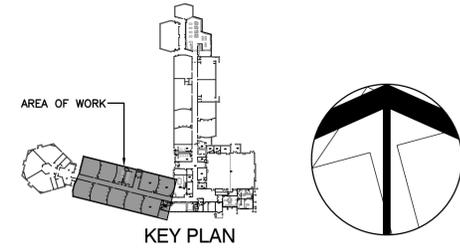


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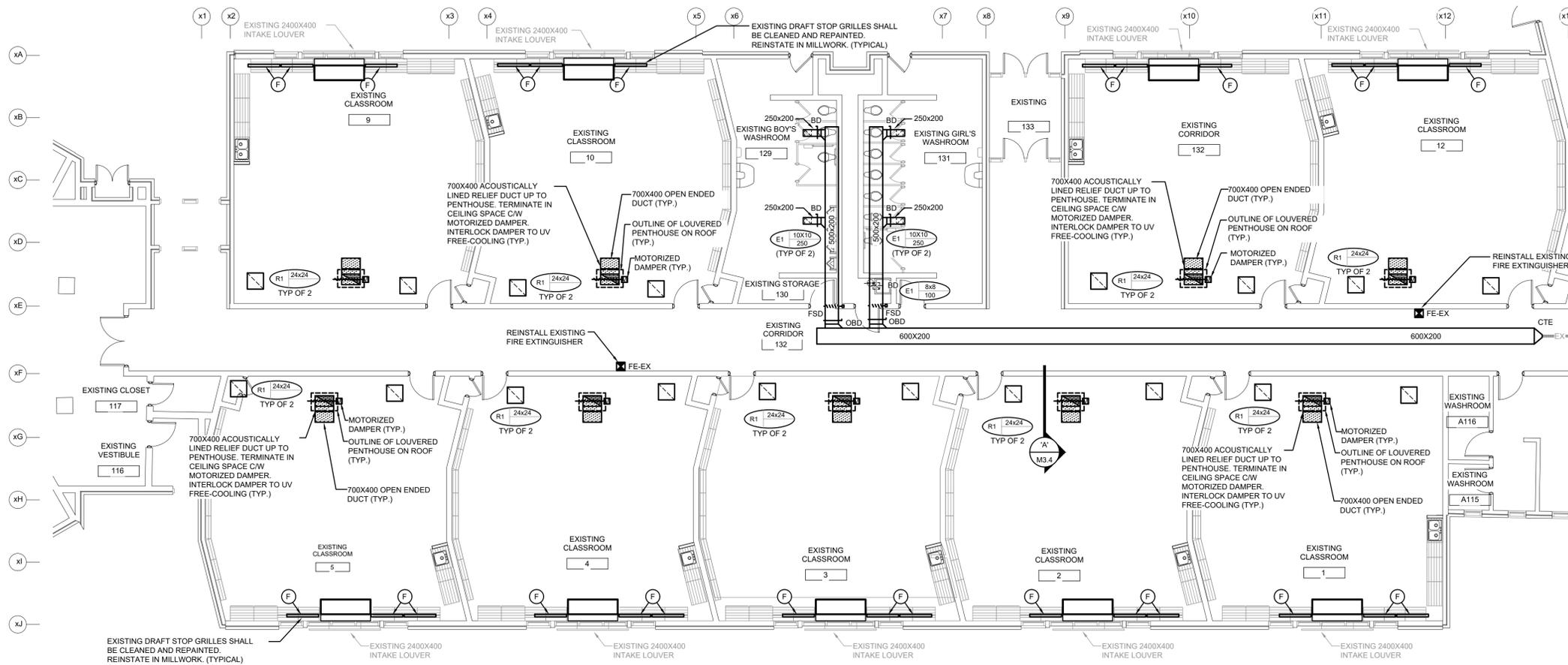


153 Monmouth Dr., Kitchener, ON
Project No.: 1167B
Drawn By: NT
Priced Date: 2-MAR-26

Crestview Public School
ROOF REPLACEMENT
DRAINAGE PART PLAN -
RENOVATION



M3.3



DUCTWORK - PART PLAN- RENOVATION
SCALE: 1:100

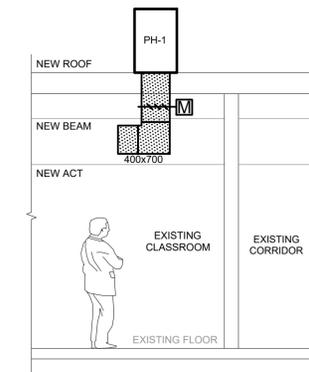
GENERAL RENOVATION NOTES

- PIPE INSULATION IS TO BE INSTALLED AT ALL EXISTING PIPE, ELBOWS, FITTINGS, ETC. WHERE ABATEMENT REMOVED THE INSULATION AND WHERE EXISTING PIPE ELBOWS, FITTINGS, ETC. ARE REMAINING AS PRESENTLY INSTALLED. CONTRACTOR TO REVIEW ON SITE FOR QUANTITY & SIZES.
- CONTRACTOR TO LOCATE ISOLATION VALVES AND DRAIN SYSTEMS TO ALLOW PROPOSED WORK TO PROCEED. REFILL SYSTEMS AS INDICATED. FLUSHING, CLEANING, & REFILLING WITH CLEAN WATER & CHEMICAL TO WATER TREATMENT CONTRACTOR REQUIREMENTS.
- FREEZE OR DRAIN EXISTING PIPING AS REQUIRED TO FACILITATE CUT IN.

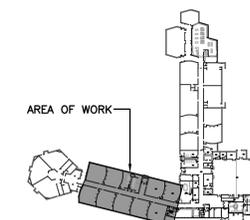
SPECIFIC RENOVATION NOTES

- REINSTALL EXISTING PLUMBING FIXTURE CONNECT TO EXISTING DOMESTIC AND SANITARY PIPING.
- REINSTALL EXISTING DDC THERMOSTAT AND CO2 SENSOR.
- CONNECT NEW PLUMBING FIXTURE TO EXISTING DOMESTIC AND SANITARY PIPING.
- INSTALL EXISTING HEATER.
- INSTALL EXISTING UNIT VENTILATOR RECONNECT HEATING, REFRIGERATION PIPING, CONDENSATE PIPING AND LOUVER.
- INSTALL EXISTING GRILLE.

NOTE:
NEW ROOF REPLACEMENT. EACH CONTRACTOR SHALL INCLUDE IN THEIR TENDER PRICE ALL COSTS ASSOCIATED WITH REMOVING, STORING AND REINSTALLING AND/OR REPLACING EXISTING MECHANICAL PLUMBING FIXTURE, MECHANICAL EQUIPMENT, PIPING, DUCTWORK, ETC. IN THIS AREA. EACH CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF ANY WORK.



SECTION 'A'
SCALE: 1:50



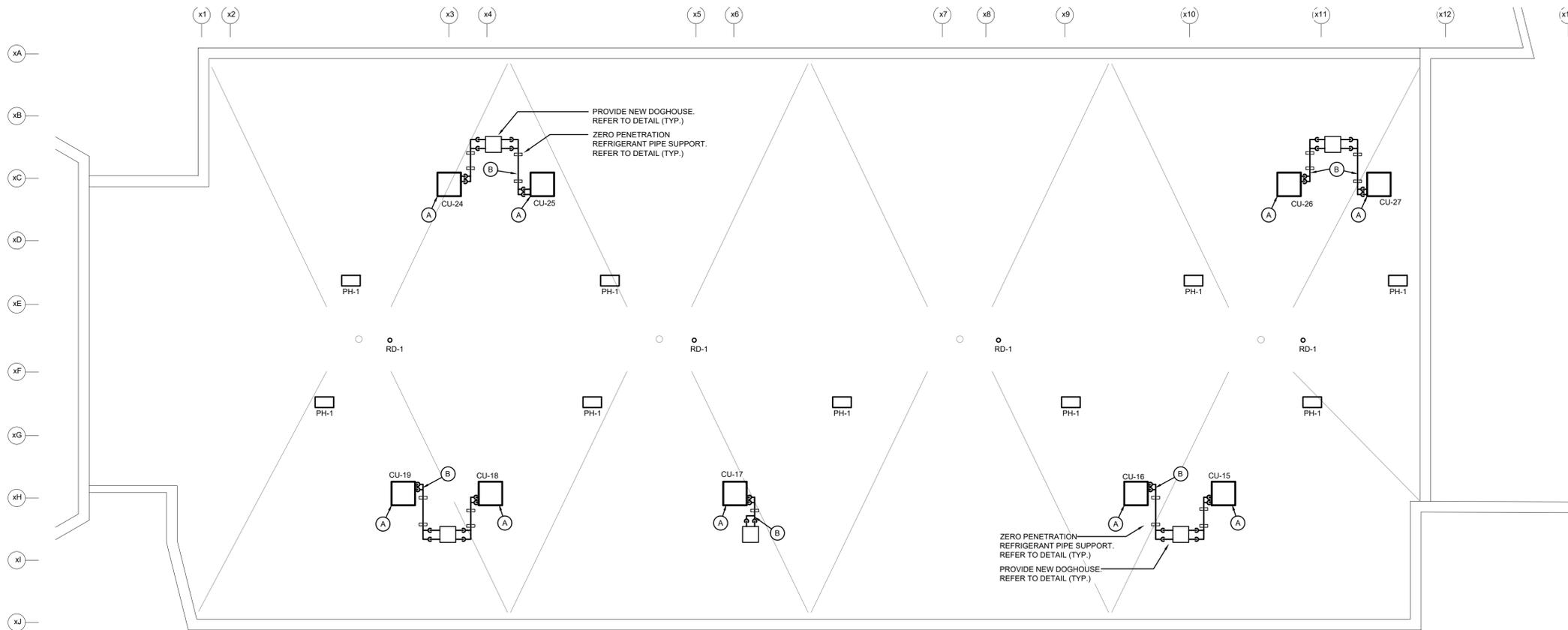
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153 Monmouth Dr. Kitchener, ON
Project No.: 1167B
Drawn By: NT
Pict Date: 2-Mar-26

Crestview Public School
ROOF REPLACEMENT
DUCTWORK PART PLAN - RENOVATION

M3.4



ROOF PART PLAN - RENOVATION
SCALE: 1:100

GENERAL RENOVATION NOTES

- PIPE INSULATION IS TO BE INSTALLED AT ALL EXISTING PIPE, ELBOWS, FITTINGS, ETC. WHERE ABATEMENT REMOVED THE INSULATION AND WHERE EXISTING PIPE ELBOWS, FITTINGS, ETC. ARE REMAINING AS PRESENTLY INSTALLED. CONTRACTOR TO REVIEW ON SITE FOR QUANTITY & SIZES.
- CONTRACTOR TO LOCATE ISOLATION VALVES AND DRAIN SYSTEMS TO ALLOW PROPOSED WORK TO PROCEED. REFILL SYSTEMS AS INDICATED. FLUSHING, CLEANING, & REFILLING WITH CLEAN WATER & CHEMICAL TO WATER TREATMENT CONTRACTOR REQUIREMENTS.
- FREEZE OR DRAIN EXISTING PIPING AS REQUIRED TO FACILITATE CUT IN.

SPECIFIC RENOVATION NOTES

- REINSTALL EXISTING CONDENSING UNIT AS PER DETAIL. PROVIDE NEW SUPPORT/STAND.
- NEW REFRIGERATION PIPING ON ROOF WITH PIPE SUPPORT. REFER TO DETAIL. UTILIZE RECLAIMED REFRIGERANT AND CHARGE SYSTEM

NOTE:

NEW ROOF REPLACEMENT. EACH CONTRACTOR SHALL INCLUDE IN THEIR TENDER PRICE ALL COSTS ASSOCIATED WITH REMOVING, STORING AND REINSTALLING AND/OR REPLACING EXISTING MECHANICAL PLUMBING FIXTURE, MECHANICAL EQUIPMENT, PIPING, DUCTWORK, ETC. IN THIS AREA. EACH CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF ANY WORK.



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Crestview Public School

153 Monrovia Dr., Kitchener, ON

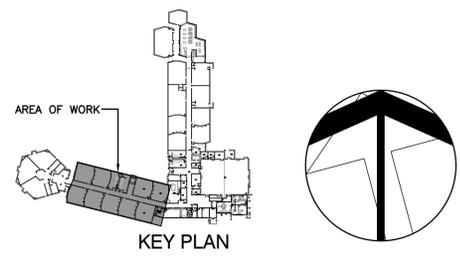
Project No.: 1167B

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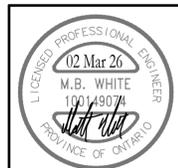
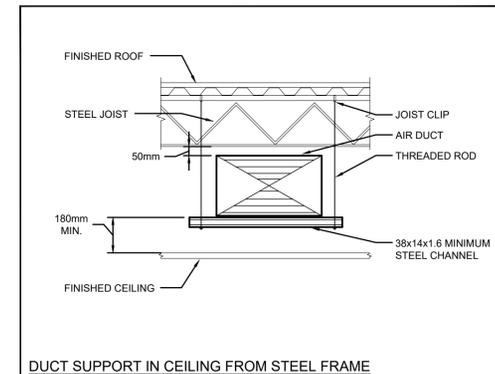
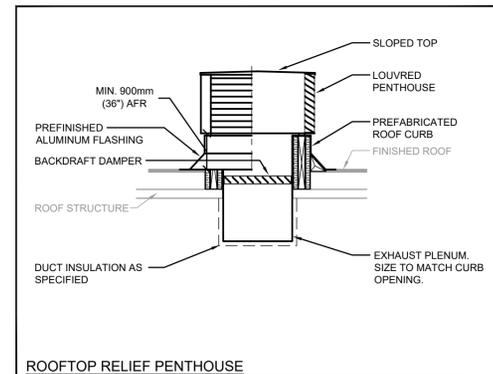
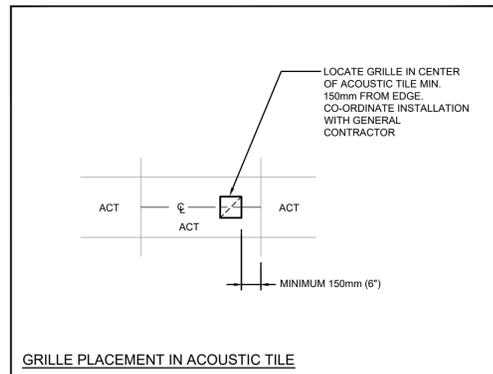
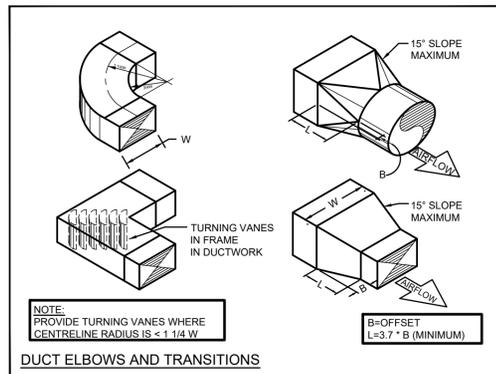
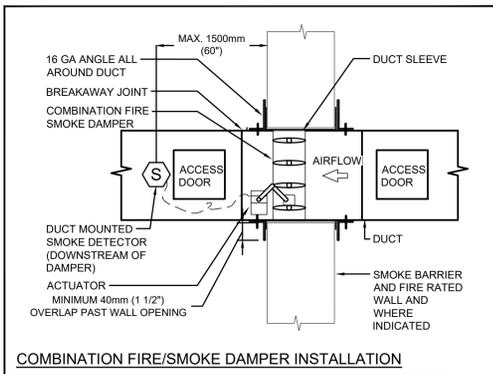
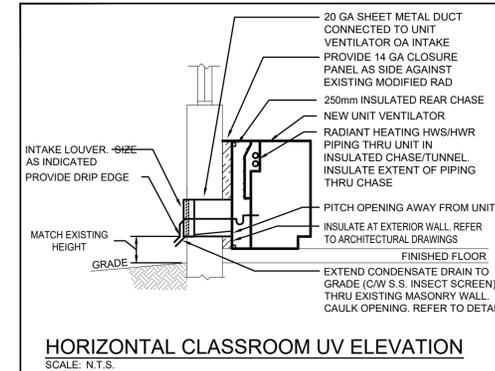
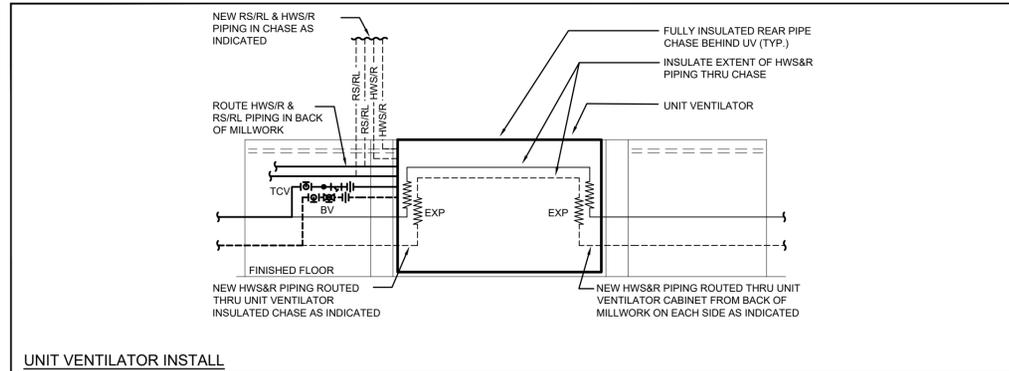
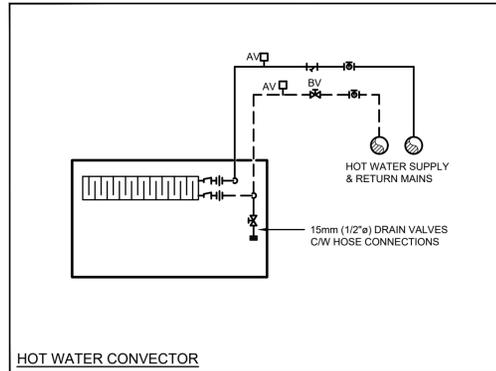
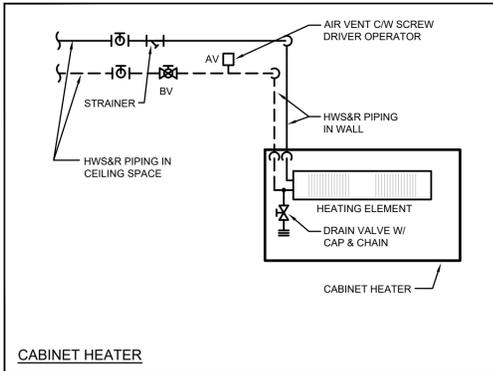
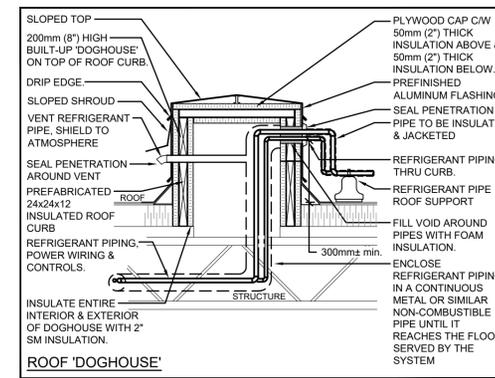
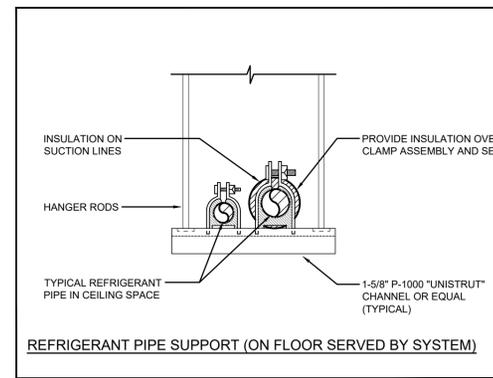
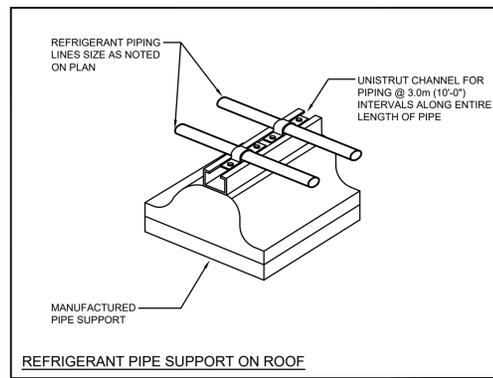
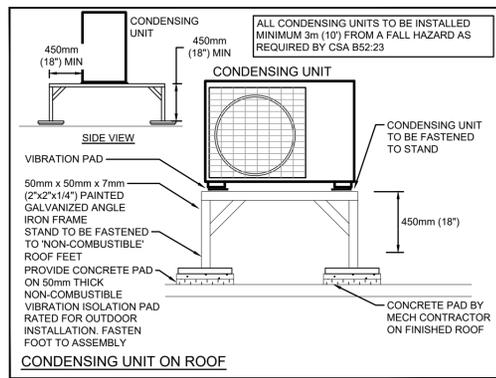
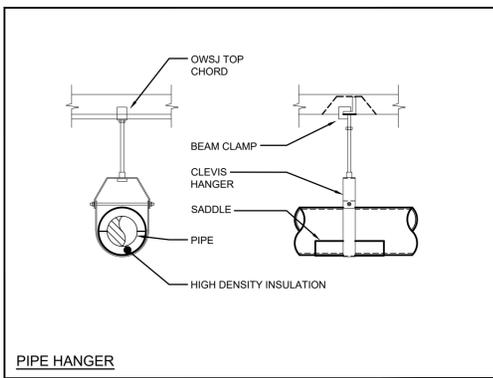
Plot Date: 2-Mar-26

ROOF REPLACEMENT

ROOF PART PLAN - RENOVATION



M3.5



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Mechanical Electrical HVAC
2026-03-10 ISSUED FOR TENDER



Crestview Public School
ROOF REPLACEMENT
DETAILS

153 Monmouth Dr. Kitchener, ON
Project No.: 1167B
Drawn By: NT
Pict Date: 2-Mar-26

M3.6