

WATER HEATER SCHEDULE									
CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.									
Item	Type	Capacity MBH	Input Medium	Water Storage Gallons	Side Recovery gal/h	Electrical Voltage	Power	Manufacturer & Model	Remarks
WH-1 (EXIST)	DOUBLE WALL STEEL INDIRECT DHW HEATER	90 MBH	N.G.	100	67.2	120/1/60	FHP	ST. LOUIS (EXIST)	EXISTING - REMOVE COMPLETE
WH-1 (NEW)	DOUBLE WALL STEEL INDIRECT DHW HEATER	75 MBH	N.G.	100	72.8	120/1/60	FHP	AD SMITH BTH 199A	EXISTING - REMOVE COMPLETE
WH-1 (NEW)	CONDENSING DIRECT FIRED DHW HEATER	200 MBH	N.G.	100	221	120/1/60	5.0 A	AD SMITH BTH 199A	CONDENSING N.O. POTABLE HOT WATER HEATER. UP TO 97% EFFICIENCY. INSULATED TANK MEETING ASHRAE 90.1, C/W T&P VALVE, ASME
WH-2 (NEW)	CONDENSING DIRECT FIRED DHW HEATER	200 MBH	N.G.	100	221	120/1/60	5.0 A	AD SMITH BTH 199A	CONDENSING N.O. POTABLE HOT WATER HEATER. UP TO 97% EFFICIENCY. INSULATED TANK MEETING ASHRAE 90.1, C/W T&P VALVE, ASME

EXPANSION TANK SCHEDULE										
CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.										
Item	Type	Max. Working Pressure (psig)	Max. Working Temperature (T)	Total Volume (gal.)	Accept. Volume (gal.)	Diag. (in.)	Height/Length (in)	System Connected (in)	Manufacturer & Model	Remarks
ET-1	EXPANSION TANK HYDRONIC DAPHRAGM	125	240	20	11.3	15	33	1"	AMRICK IAX-4020	DEEP DRAW HORIZONTAL ASME. FOR NON-POTABLE CLOSED HYDRONIC HEATING SYSTEM. PROP. 1% CO2. TO SOLE.
ET-2	EXPANSION TANK POTABLE DAPHRAGM	150	200	16.5	68%	15	25	3/4"	AMRICK IAX-4020	DEEP DRAW IN-LINE ASME. FOR POTABLE CLOSED SYSTEM. TO JS 2801 FOR LEADONELLA, STAPHYLOCOCCUS, & E-COLL.
ET-3	EXPANSION TANK POTABLE DAPHRAGM	150	200	16.5	68%	15	25	3/4"	AMRICK IAX-4020	DEEP DRAW IN-LINE ASME. FOR POTABLE CLOSED SYSTEM. TO JS 2801 FOR LEADONELLA, STAPHYLOCOCCUS, & E-COLL.
ET-4	EXPANSION TANK POTABLE DAPHRAGM	150	200	16.5	68%	15	25	3/4"	AMRICK IAX-4020	DEEP DRAW IN-LINE ASME. FOR POTABLE CLOSED SYSTEM. TO JS 2801 FOR LEADONELLA, STAPHYLOCOCCUS, & E-COLL.

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	DH PRICE SCDA	MULTIZONE, FULLY ADJUSTABLE, 2X2X4 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	DH PRICE 520-FLA	DOUBLE DEFLECTION, 3/4" SPACING, STEEL BLADES PARALLEL TO LONG DIMENSION, C/W 1 1/4" FLAT BORDER & SCREWED FASTENING FOR SURFACE MOUNTING.
R1	SIDOWALL RETURN GRILLE	NO	NONE	DH PRICE 70-FLA	FIXED BLADE AT 45°, 1/2" SPACING, EXTRUDED ALUMINUM BLADES PARALLEL TO LONG DIMENSION, C/W 1 1/4" FLAT BORDER & SCREWED FASTENING FOR SURFACE MOUNTING.
R2	CEILING RETURN GRILLE (DUCTED)	NO	NONE	DH PRICE 80-FA	1/2x1/2x1/2 ALUMINUM EDGORATE CORE, C/W 1 1/4" FLAT BORDER & SCREWED FASTENING FOR SURFACE MOUNTING.
E1	SIDOWALL EXHAUST GRILLE	NO	NONE	DH PRICE 535-FLA	FIXED BLADE AT 45°, 1/2" SPACING, STEEL BLADES PARALLEL TO LONG DIMENSION, C/W 1 1/4" FLAT BORDER & SCREWED FASTENING FOR SURFACE MOUNTING.
DAL1	DRAINABLE BLADE LOUVER	-	-	DH PRICE DE 439	4" DEEP DRAINABLE BLADE EXTRUDED ALUMINUM FIXED LOUVER, 3/8" BLADE ANGLE, 886 CFM BEGINNING POINT OF WATER ENTRY PER ANCA 500, ALL WELDED CONSTRUCTION, C/W BRIGSGREEN, 55% FREE AREA ON 4'X4' PANEL, MINIMUM 50% FREE AREA, SIZE PER PLANS.
EAL1	DRAINABLE BLADE LOUVER	-	-	DH PRICE DE 439	4" DEEP DRAINABLE BLADE EXTRUDED ALUMINUM FIXED LOUVER, 3/8" BLADE ANGLE, 886 CFM BEGINNING POINT OF WATER ENTRY PER ANCA 500, ALL WELDED CONSTRUCTION, C/W BRIGSGREEN, 55% FREE AREA ON 4'X4' PANEL, MINIMUM 50% FREE AREA, SIZE PER PLANS.

GENERAL DIFFUSER/GRILLE NOTES:
 1. ACCEPTABLE MANUFACTURERS: DH PRICE, HANLOR, TITUS, KRUGER, CARNES, METALARK, 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).

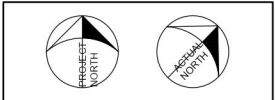
INDIRECT DOMESTIC HOT WATER HEATER SCHEDULE										
CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.										
Item	Type	Max. Working Pressure (psig)	Max. Working Temperature (T)	Total Volume (gal.)	Accept. Volume (gal.)	Diag. (in.)	Height (in)	System Connected (in)	Manufacturer & Model	Remarks
WH-1 (EXIST)	DOUBLE WALL STEEL INDIRECT DHW HEATER	90	210	113	110	28	60.25	1	LOCHNWAR S17190W	STAINLESS STEEL 1.5% BRASS HEATER, INSULATION, HINGED DOOR, STEEL, W/ STAINLESS STEEL HEAT EXCHANGER, ELEC CONNECTION, 120/1/60, SA
WH-1 (NEW)	DOUBLE WALL STEEL INDIRECT DHW HEATER	150	210	113	110	28	60.25	1	LOCHNWAR S17190W	TANK TO MATCH BOILER MANUFACTURER, VERTICAL INSULATED TANK C/W JACKET, 0.5" STAINLESS STEEL, DOUBLE WALL STAINLESS STEEL HEAT EXCHANGER, RECOVERY, 174 GPM (DEPT. DOWN, 1.83" STD. 180" BOILER SMT), ACTUAL SYSTEM SWT. WILL BE LESS THAN 180".

BOILER SCHEDULE									
CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.									
Item	Type	Input MBH	Output MBH	Flue Vent in	Fluid Type	Electrical Voltage	Description	Manufacturer & Model	Remarks
B-1 (EXIST)	CONDENSING BOILER	300	340	6"	WATER	120/1/60	CONDENSING BOILER, HIGH EFFICIENCY, WITH FIBER VENT, WATER	LOCHNWAR S17190W	W/PT CONTROLLED BOILER, HIGH CONDENSING, WITH FIBER VENT, WATER
B-1 (NEW)	CONDENSING BOILER	400	392	6"	WATER	120/1/60	CONDENSING BOILER, HIGH EFFICIENCY, WITH FIBER VENT, WATER	LOCHNWAR S17190W	CONDENSING MODULATING BURNER CONTROL, ON-BOARD PROGRAMMABLE MULTI-WAIT CONTROLLER FOR WORKING SYSTEM AND HOT WATER SYSTEM CONTROLS WITH SETBACKS AND MULTI PUMP CONTROL, UP TO 98% THERMAL EFFICIENCY.

INFRARED RADIANT HEATER SCHEDULE									
CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.									
Item	Type	Length	Input Capacity	Input Medium	Blower Motor	Electrical Voltage	Manufacturer & Model	Remarks	
RH-1 (EXIST/REMOVE)	INFRARED TUBE	20 FT	125 MBH	NATURAL GAS	1 hp	208/2/50	REZONOR USA-250	EXISTING REMOVE COMPLETE	
RH-1	INFRARED TUBE	20 FT	125 MBH	NATURAL GAS	1 hp	120/1/60	REZONOR VPT	C/W 2 STAGE THERMOSTAT AND VENT KIT	
RH-2	INFRARED TUBE	20 FT	125 MBH	NATURAL GAS	1 hp	120/1/60	REZONOR VPT	C/W 2 STAGE THERMOSTAT AND VENT KIT	

WATER SOFTENER SCHEDULE														
CAPACITY INDICATED ON SCHEDULE REFER TO SPECIFICATION FOR CONSTRUCTION STANDARDS, ACCESSORIES AND ADDITIONAL INFORMATION.														
Item	Type	Mineral Tank Diameter (in)	Mineral Tank Height (in)	Brine Tank Diameter (in)	Brine Tank Height (in)	Flow Rate (gpm)	Regen Time min	Electrical Voltage	Manufacturer & Model	Remarks				
WS-1	DUPLEX	18	65	24	50	1	180,000 @ 150psi/13	3.5	21 / 14	37 / 52	120	120/1/60	EXCALIBUR EWS SD15180	125 PSF WORKING PRESSURE, 1-1/2" HEADER SIZE

DEHUMIDIFIER SCHEDULE (COORDINATE SUPPLY BY REFRIGERATION SYSTEM CONTRACTOR)															
Item	Type	Area (sq. ft)	ESP (in. wg)	Fan hp	Water Removal (lb/h)	Rating	Height	Electrical Voltage	Manufacturer & Model	Remarks					
DHU-1	COMPRESSOR BASED INDOOR DEHUMIDIFIER	3400	0.3	3	50	50%	11.8	R448A	1200	575/3/60	16	20	30	THERMOPUS AIR RD-075F	SUPPLY AIR DIFFUSER WITH ADJUSTABLE BLADE, BELT-DRIVE FORWARD CURVED FAN MOTOR, MOUNT ON ELEVATED PLATFORM USING PROPER VIBRATION ISOLATING ANCHORS, MAINTAIN PROPER MAINTENANCE CLEARANCES, REMOTE HUMIDITY SENSOR AT 10FT ABOVE ICE LEVEL, MERV-8 FILTERS ON RETURN AIR.
DHU-2	COMPRESSOR BASED INDOOR DEHUMIDIFIER	3400	0.3	3	50	50%	11.8	R448A	1200	575/3/60	16	20	30	THERMOPUS AIR RD-075F	SUPPLY AIR DIFFUSER WITH ADJUSTABLE BLADE, BELT-DRIVE FORWARD CURVED FAN MOTOR, MOUNT ON ELEVATED PLATFORM USING PROPER VIBRATION ISOLATING ANCHORS, MAINTAIN PROPER MAINTENANCE CLEARANCES, REMOTE HUMIDITY SENSOR AT 10FT ABOVE ICE LEVEL, MERV-8 FILTERS ON RETURN AIR.



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. Do not change all and provide all details fitting and accessories which may be required. Drawings and specifications, etc., prepared and issued by the consultant on the project at the consultant and must be retained at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. © 2022 DEI Inc. All rights reserved.



45 MILL STREET, ORANGEVILLE, ON, L9W2M4. 519-941-0912



PROJECT: RENOVATIONS FOR ERIN COMMUNITY CENTRE
 14 BCLAND DRIVE ONTARIO

SHEET TITLE: SCHEDULES

NO.	DATE	REVISION	NO.	DATE	REVISION

PROJ. NO. 21-159
 DATE NOV 2022
 DRAWN BY RP
 CHECKED BY JA
 DATE AS NOTED
 DATE PLOTTED 3/20/2024
 DRAWING NO. M1.2

PLUMBING FIXTURE SCHEDULE													
Item	Type	Connection Sizes				Acceptable Manufacturer	Fixture	Fixture Description	Acceptable Manufacturer	Trim	Trim Description	Acceptable Manufacturer	Accessories
		HW	CW	TW	Drain								
U-1	URINAL WITH FLUSHING SYSTEM	3/4			2	AMERICAN STANDARD WASHBROOK 6515,005 (NO ALTERNATES)	VITREOUS CHINA, WASHOUT TYPE, INTEGRAL FLUSHING RM, EXTENDED SHELDS, INTEGRAL TRAP, BACK OUTLET, WALL-MOUNTED, BACK SUPPLY SPOUT, MIN 2" TRAP WAY, MAXIMUM 1.9 litres (5.5 gal) PER FLUSH, C/W FLOOR MOUNTED CARRIER	REFER TO SPEC FOR AUTOMATIC URINAL FLUSHING SYSTEM. PROVIDE FLOOR MOUNTED WALL CARRIER (N TENDER), REUSE EXISTING WALL CARRIER WHERE POSSIBLE.					
L-1	B.F. COUNTER MOUNTED LAV ELECTRONIC FAUCET	1/2	1/2		1	1/4	1/4	EXISTING	CONFIRM DISTANCE BETWEEN HOLES PRIOR TO ORDERING FAUCET.	DELTA 99110230 MOEN COMMERCIAL 8301-CA ZURN Z8915-HW6-XL	HARDWIRED ELECTRONIC FAUCET, CAST BRASS ONE PIECE BODY WITH INTEGRAL WATER PROOF INFA-RED SENSOR AND CONNECTIC. ADJUSTABLE SENSING RANGE 76mm to 381mm (C TO 15") AND TIME OUT 15 TO 72 SECONDS. CHROME FINISH, VANDAL RESISTANT AERATOR HAVING INTEGRAL FLOW CONTROL FOR 1.5gpm (0.7 L/MIN) @ 413 KPA (60 PSI) MAX. UNDER COUNTER PLASTIC SURFACE MOUNTED HOUSING FOR SOLENOID AND CONTROLLER. SENSOR ACTIVATES IN PRESENCE OF PERSON'S HANDS IN LAVATORY, C/W PLUG-IN TRANSFORMER.	EXISTING	EXISTING
S-1	STAINLESS STEEL HAND WASH SINK (ACCESSIBLE, LEVER HANDLE)	1/2	1/2		1	1/2	1/4	KINDRED QLS1515 NOVANNI	SINK: SINGLE COMPARTMENT, LEDGE-BACK, FROM 1.2mm (18 GAUGE) THICK TYPE 304 STAINLESS STEEL, SELF-RIMMING, UNDERCOTED, CLAMPS, OVERALL SIZE 300 mm X 390 mm X 150 mm (15" x 15 1/4" x 6"). SINGLE HOLE.	DELTA Z7C4833 ZURN ZR1281 MOEN COMMERCIAL 8272	FAUCET: CHROME PLATED BRASS, WITH GOOSENECK SPOUT, AERATOR, INDEX LEVER HANDLES, WASHRESIST CONTROLS, ACCESSORIES TO LIMIT MAXIMUM FLOW RATE TO 5.7 l/min (1.5 gpm) AT 413 kPa (60 PSI), 8" CENTRES. 0-90° MAXIMUM SPOUT SWIVEL AND LEVER HANDLE.	WASTE FITTING: INTEGRAL STAINLESS STEEL BASKET STRAINER/STOPPER, TAILPIECE, CAST BRASS P-TRAP WITH CLEANOUT. THERMOSTATIC MIXING VALVE UNDER COUNTER, DELTA R9270-MIX OR EQUAL.	
S-2	STAINLESS STEEL ICE SINK (EXISTING REMOVE/REINSTALL)					1 1/2 (75 HUB DRINK)		EXISTING	SINK: EXISTING, SINGLE COMPARTMENT, STAINLESS STEEL, SELF-RIMMING, BASIN DIMS: 510 mm x 26 mm x 150 mm (20" x 26" x 345"), W/ PERFORATED ICE DRAIN IN BOTTOM AND SINGLE DRAIN OUTLET.	NO FAUCET	NO FAUCET	WASTE FITTING: PROVIDE NEW STAINLESS STEEL BASKET STRAINER/STOPPER, TAILPIECE, CAST BRASS P-TRAP WITH CLEANOUT.	
DS-1	STAINLESS STEEL DOUBLE SINK	1/2	1/2		1	1/2	1/4	FRANKE D0814P-1 NOVANNI	SINK: DOUBLE COMPARTMENT, UNDERMOUNT, FROM 1.2 mm (18 GAUGE) THICK TYPE 304 STAINLESS STEEL, UNDERCOTED, CLAMPS, OVERALL SIZES: 990 mm x 560 mm x 355 mm (39" x 22" x 14").	TAS BRASS B-0133-12CROCF1	PRE-RINSE UNIT (WALL FAUCET W/ SPRAY HOSE & HEAD): 8" WALL MOUNT CHROME PLATED BRASS MIXING FAUCET W/ 12" SWING SPOUT, AERATOR, QUARTER-TURN LEVER HANDLES, WASHRESIST CONTROLS. ACCESSORIES TO LIMIT MAXIMUM FLOW RATE TO 8.35 l/min (2.2 gpm) AT 413 KPa (60 psi), 44" FLEXIBLE STAINLESS STEEL HOSE, GAS GPM LOW-FLOW SPRAY VALVE, IN-LINE CHECK VALVES, 6" WALL BRACKET.	WASTE FITTING: INTEGRAL STAINLESS STEEL BASKET STRAINER/STOPPER, TAILPIECE, CAST BRASS P-TRAP WITH CLEANOUT.	
FD-1	FLOOR DRAIN				NOTED	1	1/2	ZURN ZN4158-C CONTOUR C2000-R6 WATTS FD-100-C-A	GENERAL DUTY CAST IRON BODY, ADJUSTABLE HEAD, NICKEL BRONZE STRAINER, INTEGRAL SEEPAGE PAN, AND CLAMPING COLLAR. USE SQUARE STRAINER IN TILED AREAS AND ROUND STRAINER ELSEWHERE. C/W TRAP PRIMER				
FD-1	FUNNEL FLOOR DRAIN				NOTED	1	1/2	ZURN ZN-415-BF MFAB F1100-C-EG CONTOUR C2000-R6HNB WATTS FD-100-C-EG-1	COMBINATION FUNNEL FLOOR DRAIN CAST IRON BODY WITH INTEGRAL SEEPAGE PAN, CLAMPING COLLAR, NICKEL-BRONZE ADJUSTABLE HEAD STRAINER WITH INTEGRAL FUNNEL. C/W TRAP PRIMER.				
HD-1	HUB DRAIN				NOTED	1	1/2	ZURN Z415 C/W Z-400-S MFAB F1100-C-DD CONTOUR C2000-P WATTS FD-100-C-DD	GENERAL DUTY HUB DRAIN CAST IRON BODY, CLAMPING COLLAR, NICKEL-BRONZE ADJUSTABLE HEAD HUB, C/W TRAP PRIMER.				
RD-1	ROOF DRAIN				NOTED			ZURN ZA121-CR MFAB R100-BU CONTOUR C1000P WATTS RD-100-BED-K SMITH 1015-C-R-D	STANDARD ROOF DRAIN WITH CAST IRON BODY WITH ALUMINUM DOME, UNDER-DECK CLAMP TO SUIT ROOF CONSTRUCTION, ROOF SUMP RECEIVER, FLASHING CLAMP RING WITH INTEGRAL DRAIN, STOP.				
EW-1	EYE WASH	1/2	1/2		1	1/4	1/4	HAWS 7260RT-7270BT BRADLEY 519-2200 GUARDIAN G1750P-TM	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 TWS5 EWE BRADLEY 519-2200 GUARDIAN G3600	TEMPERING VALVE TO BLEND HOT AND COLD WATER TO DELIVER TEPID WATER, AS REQUIRED BY ANSI Z358.1		
ES-1	EMERGENCY SHOWER/EYE WASH (EXISTING)	1	1					EXISTING	EXISTING COMPOSITE SHOWER AND EYE WASH. MIXING VALVE IS TO PROVIDE WATER TEMPERATURE BETWEEN 15.5°C (60°) AND 38°C (100°F) & UNIVERSAL SAFETY SIGN.			TEMPERING VALVE SUPPLIER TO MATCH SHOWER	TEMPERING VALVE TO BLEND HOT AND COLD WATER TO DELIVER TEPID WATER, AS REQUIRED BY ANSI Z358.1
MS-1	MOP SINK	1/2	1/2		3	1	1/2	FAT MSR 2424 ZURN 1986-24 STERN WILLIAMS MFB-3424	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").	FAT R30-AA ZURN Z842M1-SH DELTA 28T1	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).	FAT ZURN STERN WILLIAMS DELTA	HOSE AND HOSE BRACKET: 1200 mm (48") LONG RUBBER HOSE MOP HANGER
HB-1	WALL HYDRANT	3/4						WATTS BD SERIES DELTA WALTIC WILKINS EMCO	20 MM (3/4") DIAMETER BRASS CONSTRUCTION, 200 PSI, 180°F PRESSURE AND TEMPERATURE LIMITS, COMPLETE WITH HOSE CONNECTION, AND WHEEL HANDLE STRAIGHT/ANGLE PATTERNS TO SUIT. PROVIDE VACUUM BREAKER COMPLETE WITH HOSE CONNECTION.			WALL GUARD: STAINLESS STEEL 600 mm (24") HIGH CONTINUOUS ON ADJACENT WALLS.	

GREASE INTERCEPTOR

CHILD CARE SERVICES 130 GI-1



DOUBLE SINK (DS-1),
 BASIN SIZE: 20x18x14 (inches)
 NO. OF BASINS: 2
 VOL. OF BASINS: 10,080 in³

GREASE INTERCEPTOR CALC. AS PER OBC 7.4.4.3 (8)

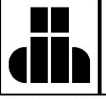

BASIN VOL. IN GAL: 10,080/231 = 43.63 US GAL
 DRAIN LOAD: 43.63 GAL x 75% = 32.73 GAL
 FLOW RATE/DRAIN TIME: 32.73 GAL/2 MIN = 16.4 GPM

CALCULATED FLOW FOR GI: 16.4 GPM

ACCEPTABLE PRODUCT:
 CANPLAS ENDURA 3922A02, 200PM, 40 LBS GREASE INTERCEPTOR, 2" INLET WITH FLOW RESTRICTOR

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CONSULTANT




DEI Consulting Engineers Inc.
 MECHANICAL, ELECTRICAL, PLUMBING

PROJECT: RENOVATIONS FOR
ERIN COMMUNITY CENTRE
 14 BCLAND DRIVE ONTARIO

SHEET TITLE

SCHEDULES

REVISION	DATE	REVISION	DATE



PROJ. NO.	21-159
DATE	NOV 2022
DRAWN BY	RP
CHECKED	JA
ISSUE	AS NOTED
DATE PLOTTED	3/20/2024
DRAWING NO.	M1.3

HUMIDIFIER 2 PART PLAN - DEMOLITION
SCALE: 1:50

HUMIDIFIER 2 PART PLAN - RENOVATION
SCALE: 1:50

HUMIDIFIER 1 PART PLAN - DEMOLITION
SCALE: 1:50

HUMIDIFIER 1 PART PLAN - RENOVATION
SCALE: 1:50

ARENA PART PLAN - DEMOLITION & RENOVATION
SCALE: 1:200

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 CEILING AS REQUIRED FOR REMOVAL/REPLACEMENT OF SERVICES.

SPECIFIC DEMOLITION NOTES

- 1. EXISTING DEHUMIDIFIER TO BE REMOVED COMPLETE.
- 2. EXISTING HUMIDISTAT TO BE REMOVED COMPLETE.
- 3. EXISTING CONDENSATE DRAIN TO BE CUT AND REMOVED SECOND COMPLETE. PREPARE FOR NEW CONNECTION.

GENERAL RENOVATION 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.

REFRIGERATION CONTRACTOR SCOPE

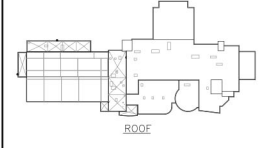
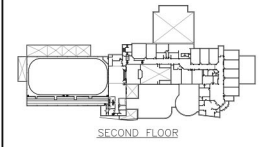
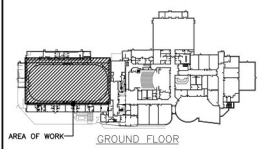
MECHANICAL CONTRACTOR TO CARRY REFRIGERATION CONTRACTOR AS SUB CONTRACTOR FOR REFRIGERATION SCOPE. ADDITIONAL DETAILS ON M1.2.

REFRIGERATION SCOPE INCLUDES ALL MECHANICAL ITEMS ON THIS SHEET:

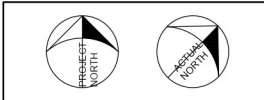
- SHUT DOWN & REPLACEMENT
- LASER SENSOR INSTALL
- REFRIGERANT INSTALLATION

WITH EXCEPTION OF:

- CONDENSATE DRAINS (MECH SCOPE)



KEY PLANS



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. This drawing is not suitable for off-site fitting and accessories which may be required. Details and specifications, etc., prepared and issued by the consultant on the project of the consultant and must be obtained at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. © 2022 DEI Consulting Engineers Inc.

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ARCHITECTS INC.

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CONSULTANT

DEI
Consulting Engineers Inc.
MECHANICAL, ELECTRICAL, PLUMBING

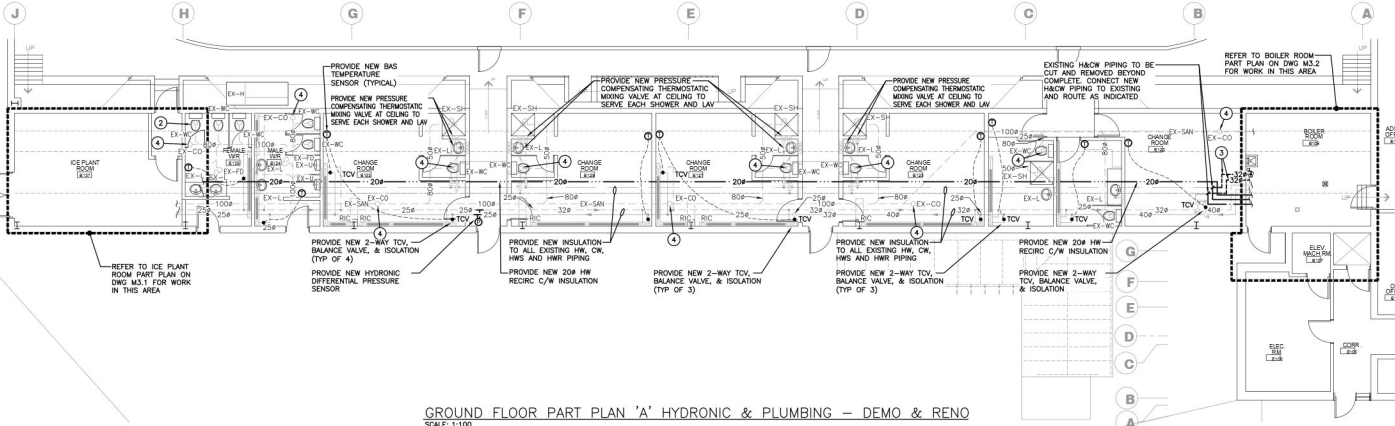
PROJECT: RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BCLAND DRIVE ONTARIO

ERIN

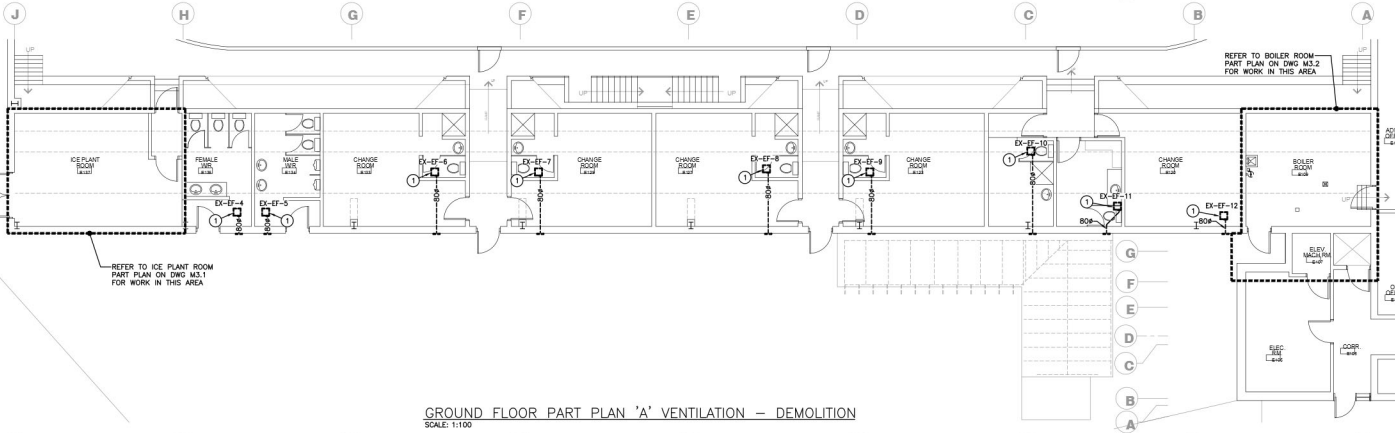
SHEET TITLE
Arena Part Plans - Demo/Reno

DATE	REVISION	DATE	REVISION

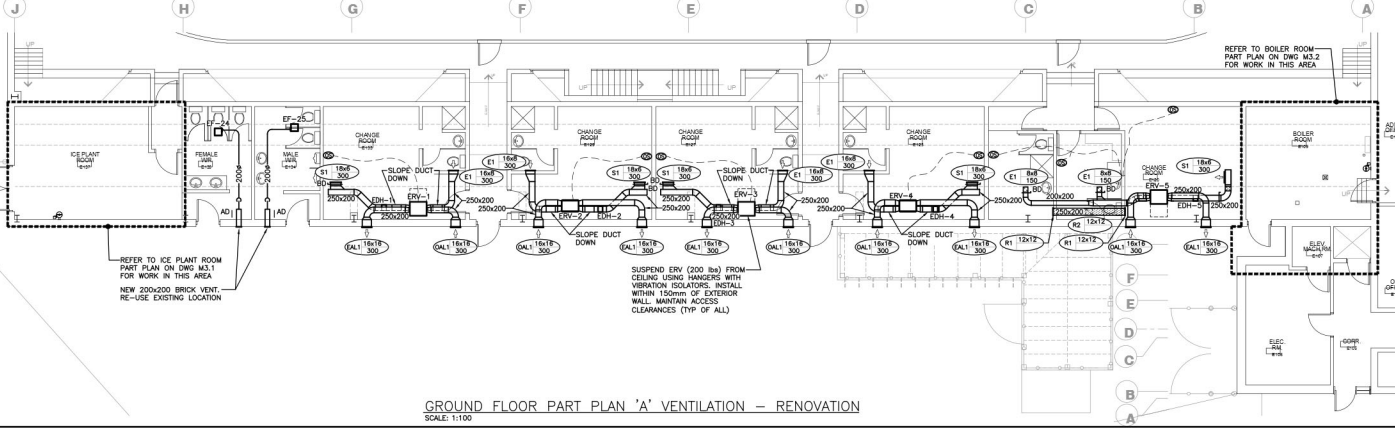
PROJ. NO. 21-159
DATE NOV 2022
DRAWN BY RP
CHECKED JA
SCALE AS NOTED
DATE PLOTTED 3/20/2024
DRAWING NO. M2.1



GROUND FLOOR PART PLAN 'A' HYDRONIC & PLUMBING - DEMO & RENO
SCALE: 1:100



GROUND FLOOR PART PLAN 'A' VENTILATION - DEMOLITION
SCALE: 1:100



GROUND FLOOR PART PLAN 'A' VENTILATION - RENOVATION
SCALE: 1:100

GENERAL DEMOLITION NOTES

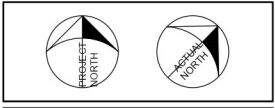
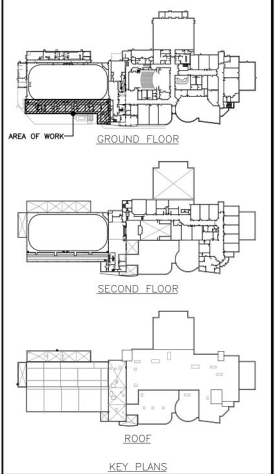
- A. EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- B. EXISTING MECHANICAL ITEMS SHOWN BUT NOT NOTED AS BEING REMOVED OR RENOVATED SHALL REMAIN AS PRESENTLY INSTALLED AND OPERATING.
- C. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ON SITE ALL LOCATIONS AND SIZES OF 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 RENOVATION/REPLACEMENT OF SERVICES.

SPECIFIC DEMOLITION NOTES

- 1. EXISTING EXHAUST FAN AND ALL ASSOCIATED DUCTWORK TO BE REMOVED COMPLETE. PATCH AND MAKE GOOD WALL OPENING TO MATCH EXISTING.
- 2. REMOVE EXISTING WATERCLOSET. SAW CUT FLOOR TO PREPARE FOR FLOOR DRAIN INSTALLATION.
- 3. CUT EXISTING COPPER HW, CW, HWS, HWR PIPING FOR REMOVING CLOSER TO EXTERIOR WALL.
- 4. CONTRACTOR SHALL FULLY VIDEOTAPE AND FLUSH EXISTING SANITARY SYSTEM. PROVIDE A WRITTEN REPORT COMPLETE WITH VIDEO TIME STAMPS INDICATING AREAS OF FAILED PIPING FOR CONSULTANT AND OWNER TO REVIEW.

GENERAL RENOVATION 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.



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CONSULTANT

PROJECT: RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BCLAND DRIVE ONTARIO

SHEET TITLE
Ground Floor Part Plans - Area 'A' - Demo/Reno

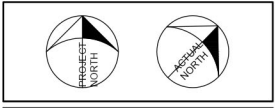
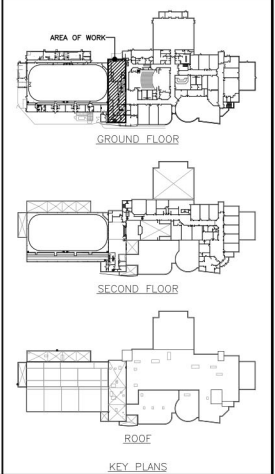
NO.	DATE	REVISION	DATE	REVISION

PROJ. NO.	21-159
DATE	NOV 2022
DRAWN BY	RP
CHECKED BY	JA
SCALE	AS NOTED
DATE PLOTTED	3/20/2024
DRAWING NO.	M2.2

- ### GENERAL RENOVATION 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.
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 - 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.
 - PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
 - REMOVAL OF EXISTING PIPING, GAS 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 CEILING SERVICES.

- ### SPECIFIC DEMOLITION NOTES
- EXISTING WC TO REMAIN.
 - EXISTING URINAL TO REMAIN, CUT EXISTING CW FEED TO URINALS. NEW CW FEED WILL BE FROM URINAL MATRIX.
 - EXISTING LAVATORY FAUCET TO BE REMOVED COMPLETE. RETAIN CW & HW CONNECTIONS FOR CONNECTION OF NEW FAUCET.
 - EXISTING RADIANT HEATER TO BE REMOVED COMPLETE. REMOVE HW & HW PIPING ISOLATION VALVES FOR INSTALLATION OF NEW VALVES.
 - EXISTING STAINLESS STEEL COMMERCIAL KITCHEN SINK TO BE REMOVED INTACT. EXISTING SINK TO BE REINSTALLED FOLLOWING KITCHEN REFRESH.
 - EXISTING CW PIPING TO BE REMOVED COMPLETE.
 - REMOVE EXISTING ANALYSIS SYSTEM GAS MONITOR FOR AMMONIA SYSTEM (REFRIGERATION SCOPE)
 - CONTRACTOR SHALL FULLY WIDETAPE AND FLUSH EXISTING SANITARY SYSTEM. PROVIDE A WRITTEN REPORT COMPLETE WITH VIDEO TIME STAMPS INDICATING AREAS OF FAILED PIPING FOR CONSULTANT AND OWNER TO REVIEW.
 - EXISTING KITCHEN EQUIPMENT TO BE REMOVED INTACT. EXISTING EQUIPMENT TO BE REINSTALLED FOLLOWING KITCHEN REFRESH.
 - REMOVE EXISTING SAN BRANCH (AND TRAP) AT CEILING AS SHOWN FOR REPLACE WITH NEW.



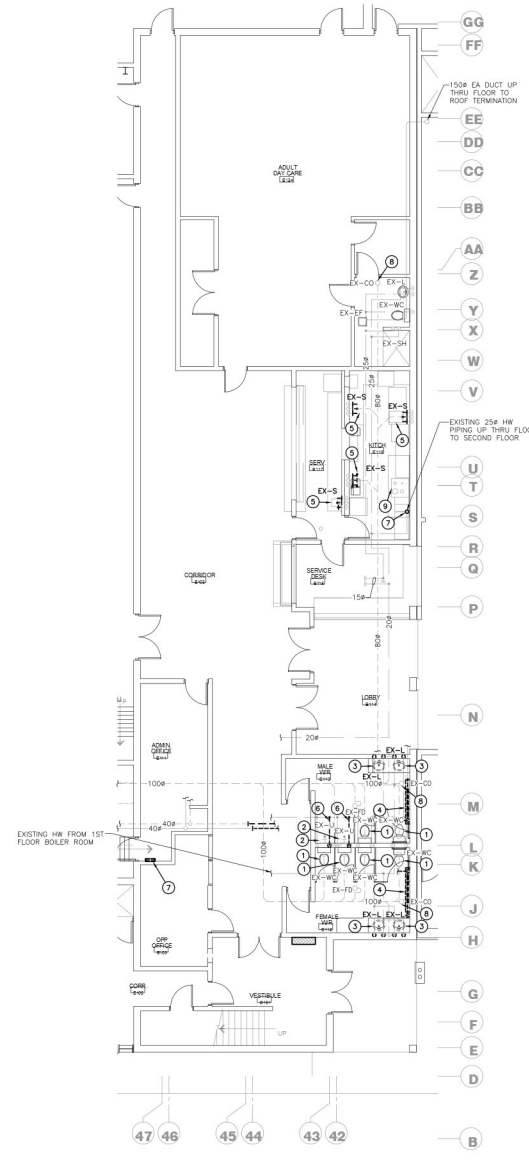
The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of services. Follow up closely on actual building construction and all quality checks required for detection of service from Consultant before commencement of the work. The drawings are not intended as a substitute for the required construction documents (Specifications and Specifications, etc.) prepared and issued by the consultant on the project. All drawings and specifications must be reviewed at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. © 2022 DEI Inc. All rights reserved.



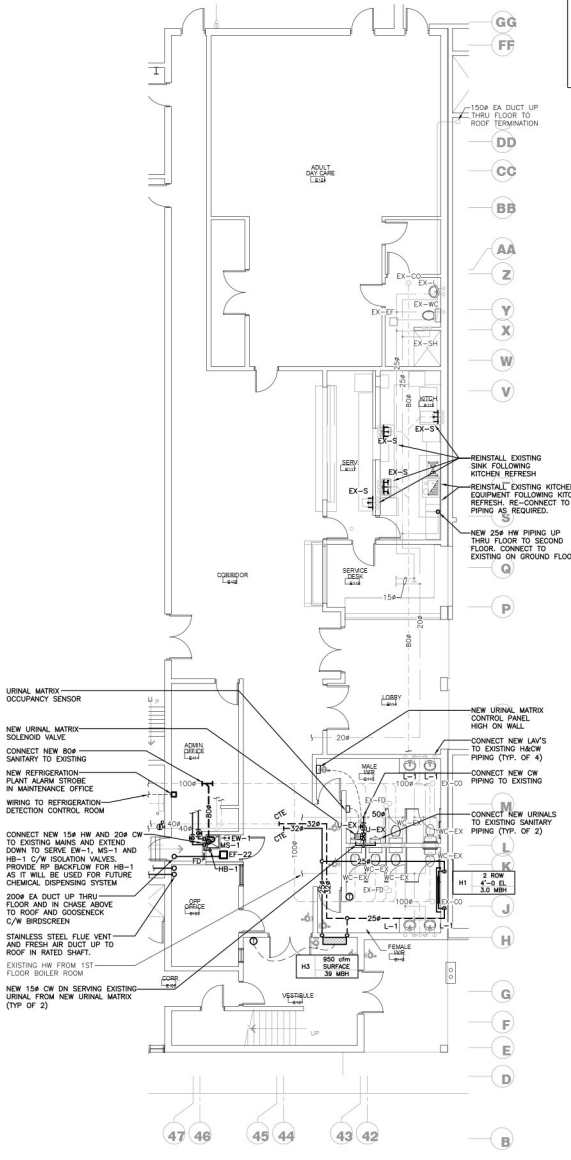
PROJECT: RENOVATIONS FOR ERIN COMMUNITY CENTRE
 14 BCLAND DRIVE ONTARIO
 SHEET TITLE: GROUND FLOOR PART PLANS AREA 'B' DEMO/RENO

NO.	DATE	REVISION	DATE	REVISION

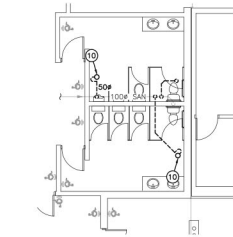
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	DATE NOV 2022	DRAWN BY RP
	CHECKED BY JA	SCALE AS NOTED
	DATE FILED 3/20/2024	DATE PLOTTED



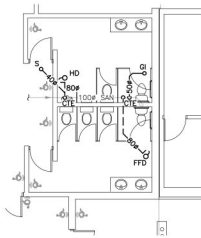
GROUND FLOOR PART PLAN 'B' PLUMBING & HVAC - DEMO
 SCALE: 1:100



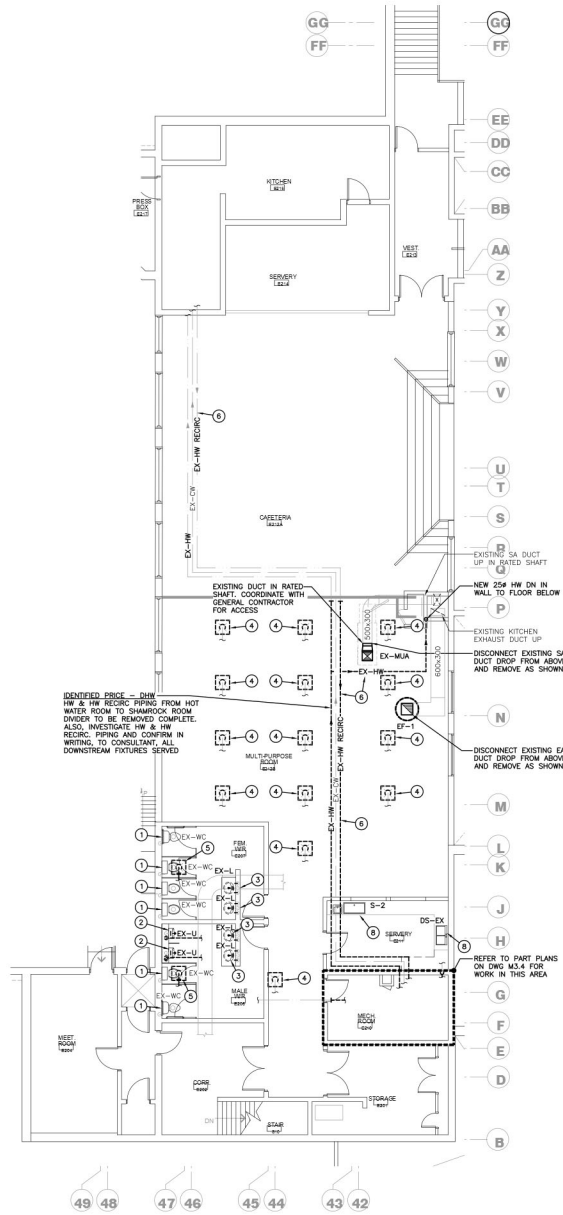
GROUND FLOOR PART PLAN 'B' PLUMBING & HVAC - RENO
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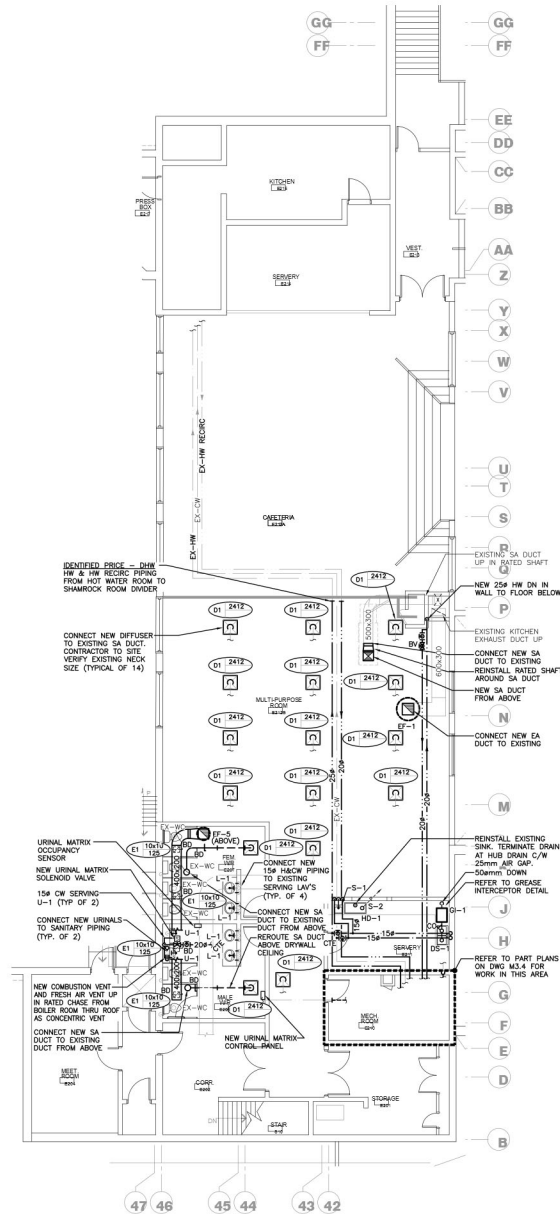
GROUND FLOOR WASHROOMS ABOVE GROUND SANITARY - DEMO
 SCALE: 1:100



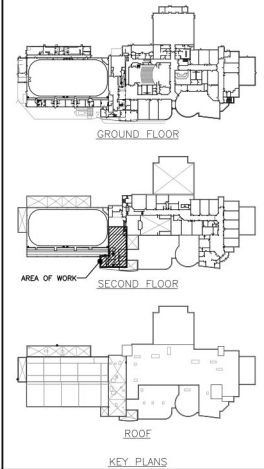
GROUND FLOOR WASHROOMS ABOVE GROUND SANITARY - RENO
 SCALE: 1:100



SECOND FLOOR PART PLAN 'C' - DEMOLITION
SCALE: 1:100



SECOND FLOOR PART PLAN 'C' - RENOVATION
SCALE: 1:100



KEY PLANS



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.

SPECIFIC DEMOLITION NOTES

1. EXISTING WC TO BE REMAIN.
2. EXISTING URINAL TO BE REMOVED COMPLETE. RETAIN CW CONNECTIONS AND PREPARE FOR NEW URINAL. NEW CW FEED WILL BE FROM URINAL MATRIX.
3. EXISTING LAVATORY FAUCET TO BE REMOVED COMPLETE. RETAIN CW & HW CONNECTIONS FOR CONNECTION OF NEW FAUCET.
4. EXISTING SA DIFFUSER TO BE REMOVED. RECORD NECK SIZE & AREA/ROW PRIOR TO REMOVAL. NEW DIFFUSER WILL BE IN SAME LOCATION IN NEW CEILING.
5. EXISTING SA DIFFUSER TO BE REMOVED. RECORD NECK SIZE & AREA/ROW PRIOR TO REMOVAL. NEW DIFFUSER WILL BE IN DIFFERENT LOCATION IN NEW CEILING.
6. EXISTING HW & HW RECRIC PIPING TO KITCHENS TO BE REMOVED COMPLETE AS SHOWN. CONTRACTOR TO RECORD FULL LENGTH OF RUN AND REDLINE PIPE ROUTING AND SIZE ON PLANS PRIOR TO REMOVAL, OR PIPING TO KITCHEN TO REMAIN.
7. EXISTING HW SUPPLY TO WASHROOMS TO REMAIN.
8. REMOVE EXISTING SINK FOR REPLACEMENT.

GENERAL RENOVATION NOTES

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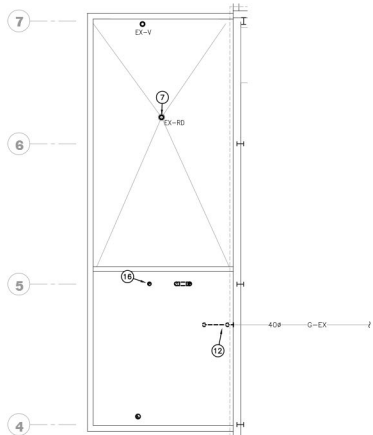
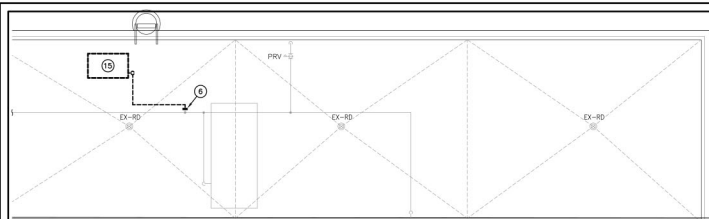
DEI Consulting Engineers Inc.
MECHANICAL, ELECTRICAL, PLUMBING

PROJECT: RENOVATIONS FOR **ERIN COMMUNITY CENTRE**
14 BCLAND DRIVE ONTARIO

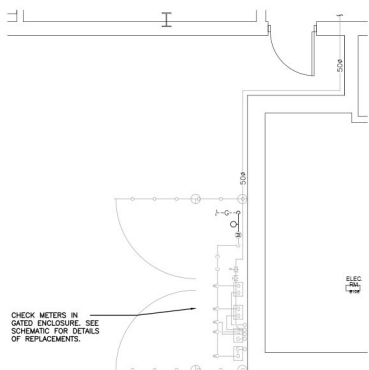
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NO.	DATE	REVISION

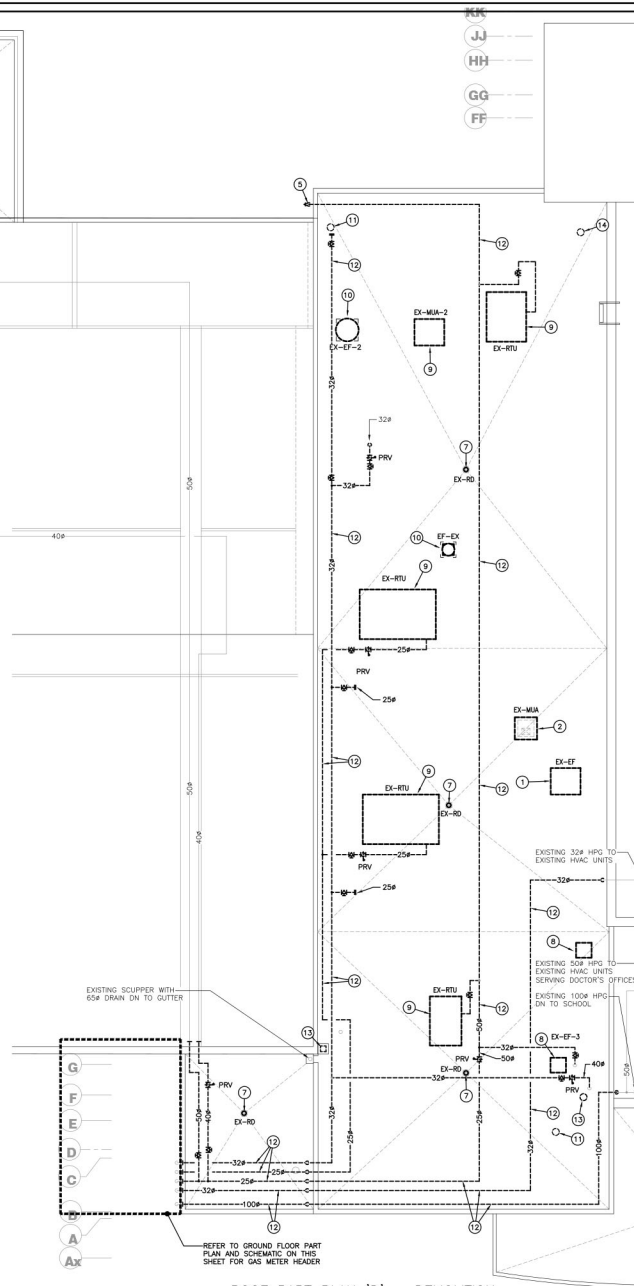
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DATE NOV 2022
DRAWN BY RP
CHECKED JA
SCALE AS NOTED
DATE PLOTTED 3/20/2024
DRAWING NO. **M2.4**



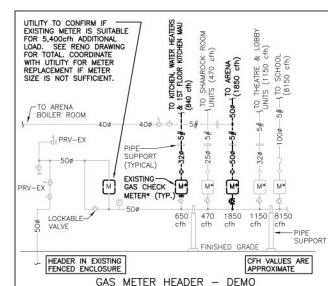
ROOF PART PLAN 'E' - DEMOLITION PLAN
SCALE: 1:100



GAS METER HEADER GROUND LEVEL PART PLAN
SCALE: 1:50



ROOF PART PLAN 'D' - DEMOLITION
SCALE: 1:100

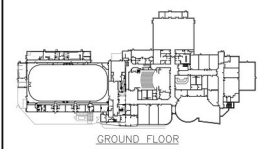


GENERAL DEMOLITION NOTES

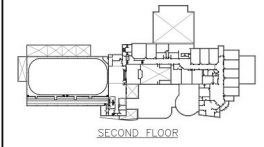
- A. EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
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- E. PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
- F. REMOVAL OF EXISTING SPRING GAUGE 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.
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SPECIFIC DEMOLITION NOTES

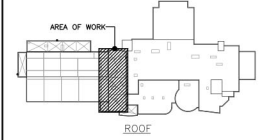
1. EXISTING EXHAUST FAN AND ROOF CURB TO BE REMOVED COMPLETE. PROVIDE NEW NFA EXHAUST FAN ON NEW ROOFED ROOF CURB.
2. EXISTING MAKE-UP AIR UNIT TO BE REMOVED COMPLETE. PROVIDE NEW MAKE-UP AIR UNIT WITH GAS HEAT. PROVIDE NEW CURB.
3. EXISTING COMBUSTION EXHAUST TO BE REMOVED. FOR REPLACEMENT WITH CONCENTRIC VENT.
4. EXISTING GAS PIPING TO BE CUT AND CAPPED AND REMOVED BEYOND COMPLETE.
5. EXISTING GAS PIPE DOWN TO GROUND TO BE REMOVED AS SHOWN. PROVIDE NEW SUPPLY DN TO EMERGENCY GENERATOR.
6. EXISTING GAS PIPE CONNECTED TO EMERGENCY GENERATOR TO BE CUT BACK TO GAS MAIN AS SHOWN. VALVE AND CAP.
7. EXISTING ROOF DRAIN TO BE REMOVED. REPLACE WITH NEW.
8. EXISTING EXHAUST FAN AND ROOF CURB TO BE REMOVED COMPLETE. PROVIDE NEW EXHAUST FAN. PROVIDE NEW ROOF CURB.
9. EXISTING HVAC UNIT TO BE DISCONNECTED AND REMOVED FOR ROOFING REPLACEMENT. REINSTALL, RECONNECT AND RESTART EQUIPMENT IN EXISTING LOCATION AFTER ROOF REPLACEMENT.
10. EXISTING FAN TO BE DISCONNECTED AND REMOVED FOR ROOFING REPLACEMENT. REINSTALL, RECONNECT, AND RESTART EQUIPMENT IN EXISTING LOCATION AFTER ROOF REPLACEMENT.
11. EXISTING SANITARY ROOF VENT. REMOVE VENT TERMINATION. PROVIDE NEW EQUIVALENT SIZED SANITARY ROOF VENT TERMINATION IN SAME LOCATION FOR NEW ROOF INSTALL.
12. REMOVE EXISTING GAS PIPE ON ROOF. INSTALL NEW PIPING IN SAME LOCATION FOLLOWING INSTALLATION OF NEW ROOF.
13. EXISTING COMBUSTION EXHAUST TO BE REMOVED FOR REPLACEMENT WITH CONCENTRIC VENT.
14. EXISTING CEILING FAN EXHAUST TERMINATION TO BE REMOVED FOR REINSTALL WITH SIMILAR ON NEW ROOF.
15. EXISTING SMALL ROOF MOUNTED EMERGENCY GENERATOR TO BE REMOVED.
16. EXISTING EXHAUST DUCT TO BE REMOVED FOR ROOFING REPLACEMENT. REINSTALL WITH SIMILAR ON NEW ROOF.



GROUND FLOOR

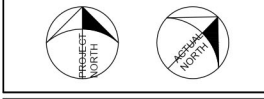


SECOND FLOOR



ROOF

KEY PLANS



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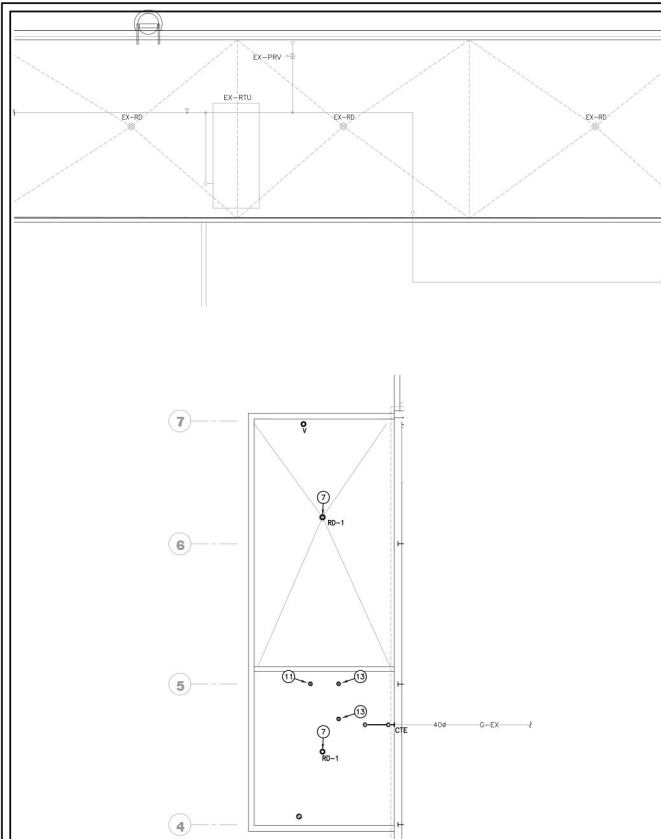


PROJECT: RENOVATIONS FOR ERIN COMMUNITY CENTRE
14 BCLAND DRIVE ONTARIO

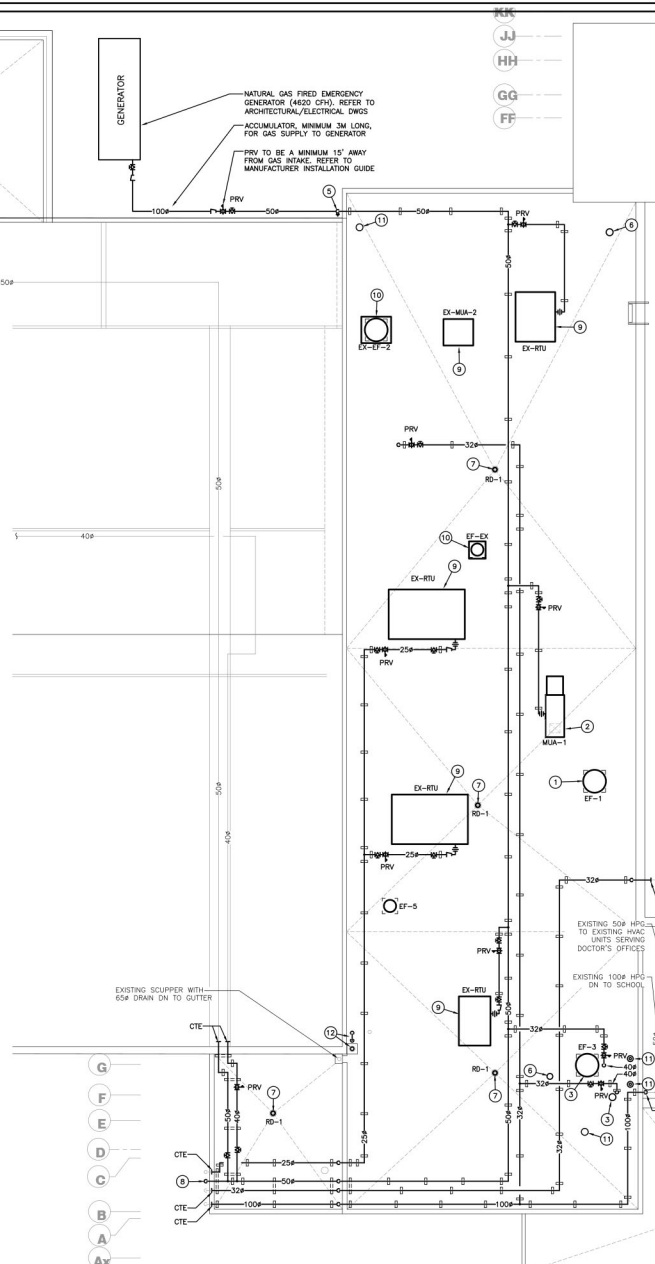
ROOF PART PLAN - AREA 'G' - DEMOLITION

NO.	DATE	REVISION	NO.	DATE	REVISION

PROJ. NO. 21-159
DATE NOV 2022
DRAWN BY RP
CHECKED JA
SCALE AS NOTED
DATE PLOTTED 3/20/2024
DRAWING NO. M2.5



ROOF PART PLAN 'E' - RENOVATION PLAN
SCALE: 1:100



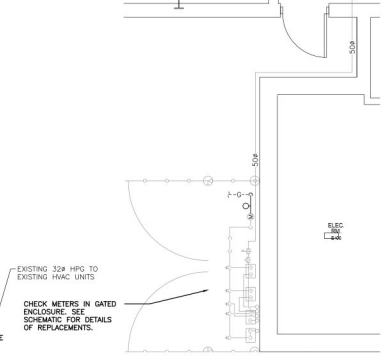
ROOF PART PLAN 'D' - RENOVATION PLAN
SCALE: 1:100

GENERAL RENOVATION NOTES

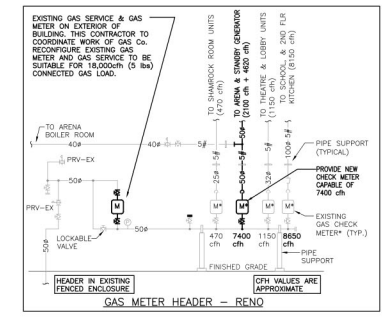
- EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
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SPECIFIC RENOVATION NOTES

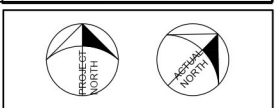
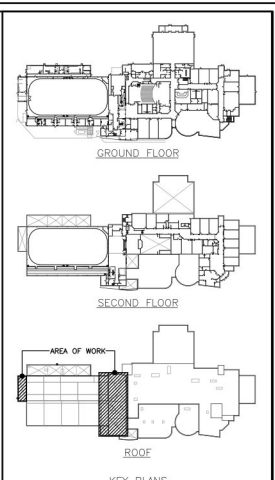
- NEW NFPA EXHAUST FAN ON NEW VENTED ROOF CURB.
- NEW MAKE-UP AIR UNIT WITH GAS HEAT ON NEW CURB.
- NEW EXHAUST FAN TO SERVE GROUND FLOOR WASHROOM, NEW ROOF CURB.
- NEW EXHAUST FAN TO SERVE 2ND FLOOR WASHROOMS, NEW ROOF CURB.
- NEW NG SUPPLY ON TO STANDBY GENERATOR.
- NEW 200A EXHAUST FAN VENT TERMINATION AT MINIMUM 750mm ABOVE FINISHED ROOF WITH RAIN COVER.
- NEW ROOF DRAIN, RECONNECT TO EXISTING STORM PIPING.
- NEW NG RISER FROM NEW CHECK METER BELOW.
- REINSTALL, RECONNECT, AND RESTART EXISTING HVAC UNIT IN EXISTING LOCATION AFTER ROOF REPLACEMENT. REUSE EXISTING ROOF CURB, RECONNECT TO EXISTING CONTROLS.
- REINSTALL, RECONNECT, AND RESTART EXISTING FAN IN EXISTING LOCATION AFTER ROOF REPLACEMENT. REUSE EXISTING ROOF CURB, RECONNECT TO EXISTING CONTROLS.
- NEW CONCENTRIC VENT TERMINATION FOR HOT WATER HEATER.
- NEW STAINLESS STEEL COMBUSTION VENT AND FRESH AIR VENT TERMINATIONS FOR BOILER IN GROUND FLOOR BOILER ROOM.
- NEW 100mm FRESH AIR INTAKE TERMINATED THROUGH GOOSENECK, MAINTAIN CLEARANCE FROM EXISTING EXHAUST.



GAS METER HEADER GROUND LEVEL PART PLAN
SCALE: 1:50



GAS METER HEADER - RENO



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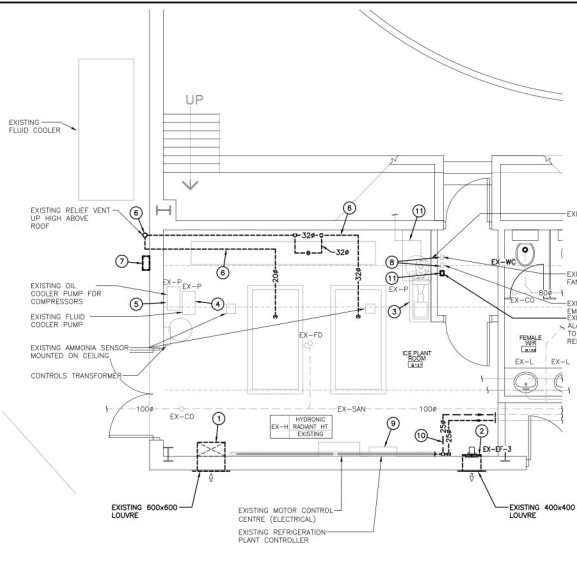


PROJECT: RENOVATIONS FOR ERIN COMMUNITY CENTRE
14 BCLAND DRIVE ONTARIO

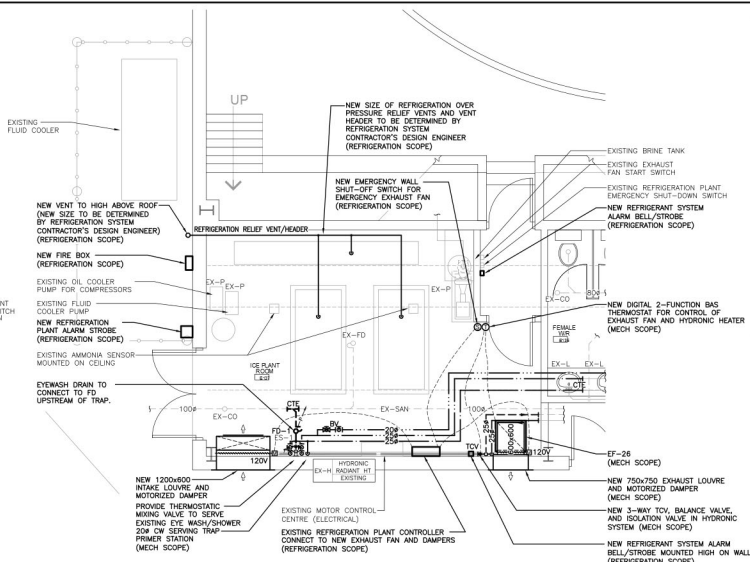
SHEET TITLE: ROOF PART PLAN - AREA 'G' - RENOVATION

NO.	DATE	REVISION	DATE	REVISION

PROJ. NO.: 21-159
DATE: NOV 2022
DRAWN BY: RP
CHECKED BY: JA
SCALE: AS NOTED
DATE PLOTTED: 3/20/2024
DRAWING NO.: M2.6



ICE PLANT ROOM PART PLAN - DEMOLITION
SCALE: 1:50



ICE PLANT ROOM PART PLAN - RENOVATION
SCALE: 1:50

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 BRINE OR WATER 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.

SPECIFIC DEMOLITION NOTES

1. EXISTING LOUVER AND DUCTWORK TO BE REMOVED COMPLETE.
2. EXISTING EXHAUST FAN AND LOUVER TO BE REMOVED COMPLETE.
3. EXISTING BRINE PUMP TO REMAIN. EXISTING PUMP IS RELATIVELY NEW, REPLACED BY CIMCO IN THE LAST 3 YEARS.
4. EXISTING FLUID COOLER PUMP TO REMAIN. CIMCO MAINTAINS SYSTEM AND WILL REPLACE PUMP AT FAILURE.
5. EXISTING COMPRESSOR OIL COOLER TO REMAIN. CIMCO MAINTAINS SYSTEM AND WILL REPLACE PUMP AT FAILURE.
6. EXISTING AMMONIA OVERPRESSURE RELIEF VENTING TO BE REMOVED COMPLETE FOR REPLACEMENT WITH PROPERLY SIZED VENTING.
7. EXISTING REFRIGERATION SYSTEM FIRE BOX TO BE REMOVED FOR REPLACEMENT WITH NEW.
8. EXISTING EMERGENCY SHUT/DOWN SWITCH, EXHAUST FAN OVERRIDE SWITCH TO REMAIN.
9. EXISTING REFRIGERATION PLANT SYSTEM CONTROL PANEL TO REMAIN. INCORPORATE FAN CONTROLS INTO EXISTING CONTROLLER.
10. REMOVE HYDRONIC HEATING PIPE BETWEEN HEATER AND INTERIOR WALL (FOR REPLACEMENT WITH NEW).
11. EXISTING AMMONIA DETECTION ALARM STROBE TO BE REMOVED COMPLETE.

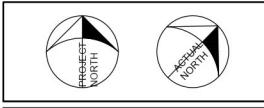
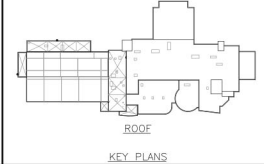
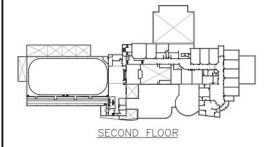
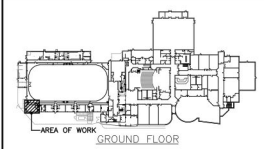
GENERAL RENOVATION NOTES

- 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.

REFRIGERATION CONTRACTOR SCOPE

MECHANICAL CONTRACTOR TO CARRY REFRIGERATION CONTRACTOR AS SUB CONTRACTOR FOR REFRIGERATION SCOPE. ADDITIONAL DETAILS ON M1.2.

REFRIGERATION SCOPE INCLUDES REFRIGERATION SYSTEM ITEMS SPECIFICALLY IDENTIFIED ON THIS PLAN AS "REFRIG SCOPE". ALL OTHER ITEMS ARE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. NOTE THAT COORDINATION IS REQUIRED PRIOR FOR CONTROL OF REFRIGERATION ROOM EXHAUST FAN.



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45 MILL STREET, ORANGEVILLE, ON. L9W2M4. 519-941-0912

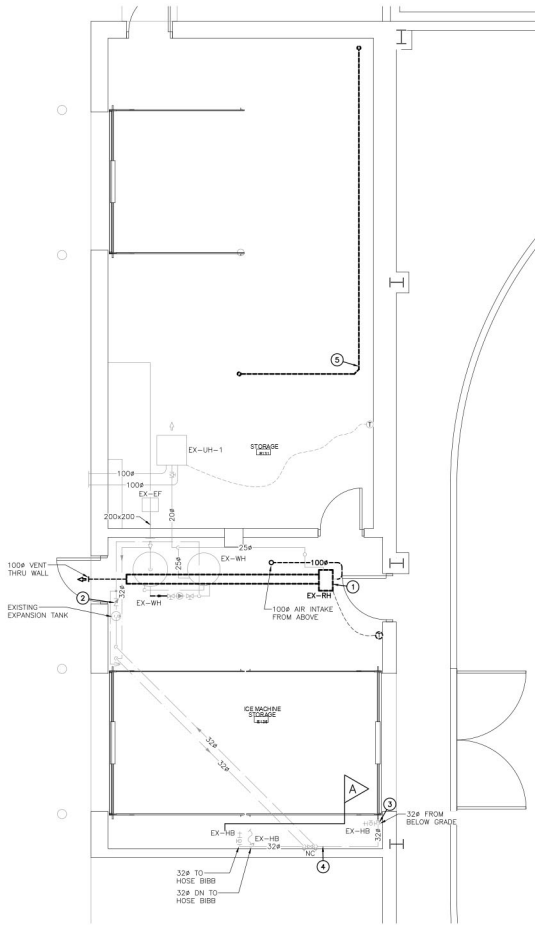


PROJECT: RENOVATIONS FOR ERIN COMMUNITY CENTRE
14 BCLAND DRIVE ONTARIO

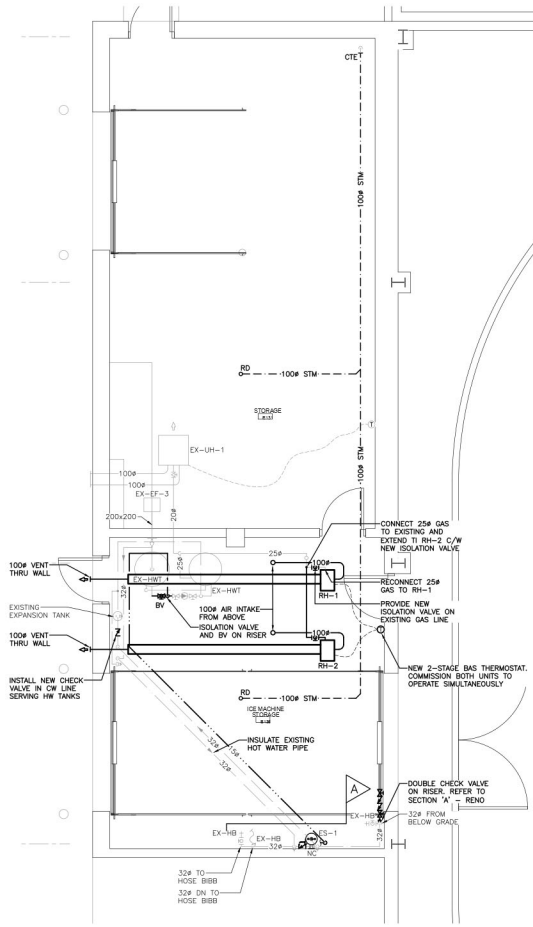
SHEET TITLE: GROUND FLOOR ENLARGED PLANS - ICE PLANT ROOM - DEMO & RENO

NO.	DATE	REVISION	DATE	REVISION

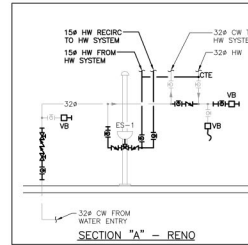
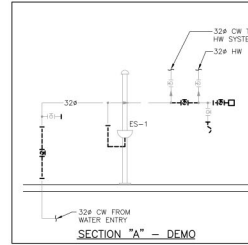
PROJ. NO. 21-159
DATE NOV 2022
DRAWN BY RP
CHECKED JA
SCALE AS NOTED
DATE PLOTTED 3/20/2024
DRAWING NO. M3.1



ZAMBONI ROOM PART PLAN - DEMOLITION
SCALE: 1:50



ZAMBONI ROOM PART PLAN - RENOVATION
SCALE: 1:50



GENERAL DEMOLITION NOTES

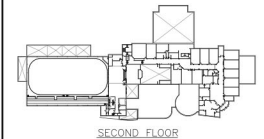
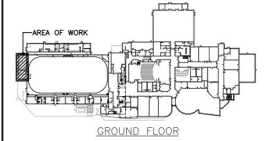
- A. EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
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- E. PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
- F. REMOVAL OF EXISTING PIPING 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.

SPECIFIC DEMOLITION NOTES

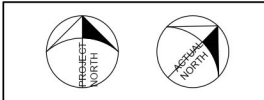
1. EXISTING LOUVER AND DUCTWORK TO BE REMOVED COMPLETE.
2. EXISTING BRINE PUMP TO REMAIN. EXISTING PUMP IS RELATIVELY NEW. REPLACED BY CMCO IN THE LAST 3 YEARS.
3. EXISTING FLUID COOLER PUMP TO REMAIN. CMCO MAINTAINS SYSTEM AND WILL REPLACE PUMP AT FAILURE.
4. EXISTING COMPRESSOR OIL COOLER TO REMAIN. CMCO MAINTAINS SYSTEM AND WILL REPLACE PUMP AT FAILURE.
5. REMOVE EXISTING STONING PIPING AND REINSTALL AT HEIGHT TO PERMIT NEW CONNECTION DOWNSTREAM.

GENERAL RENOVATION 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.



KEY PLANS



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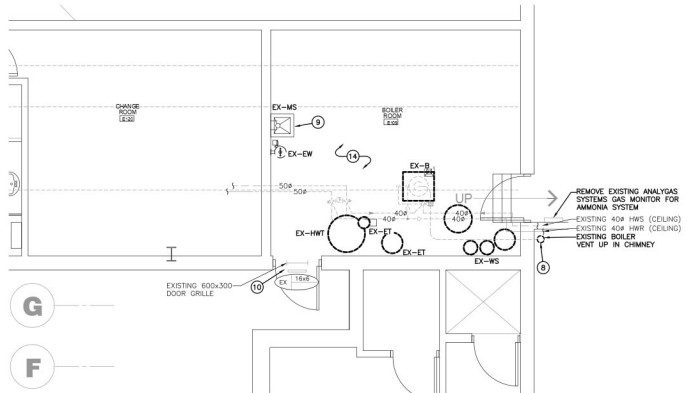


PROJECT: RENOVATIONS FOR ERIN COMMUNITY CENTRE
14 BCLAND DRIVE ONTARIO

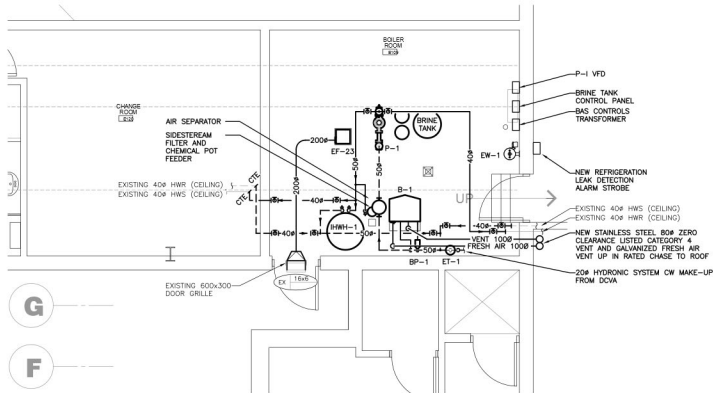
SHEET TITLE: GROUND FLOOR ENLARGED PLANS - AREA 'E' - DEMO & RENO

NO.	DATE	REVISION	NO.	DATE	REVISION

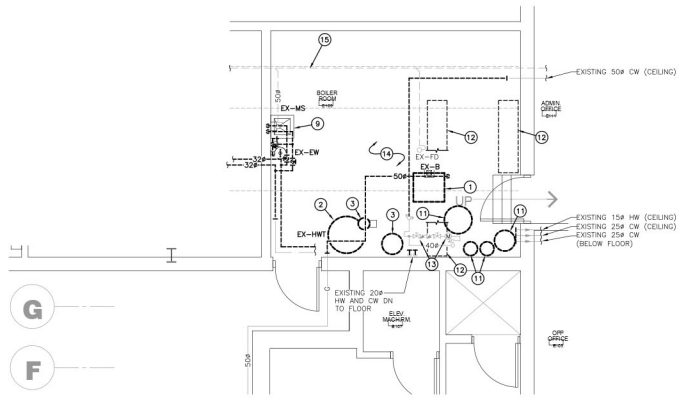
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DATE NOV 2022
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CHECKED JA
SCALE AS NOTED
DATE PLOTTED 3/20/2024
DRAWING NO. M3.2



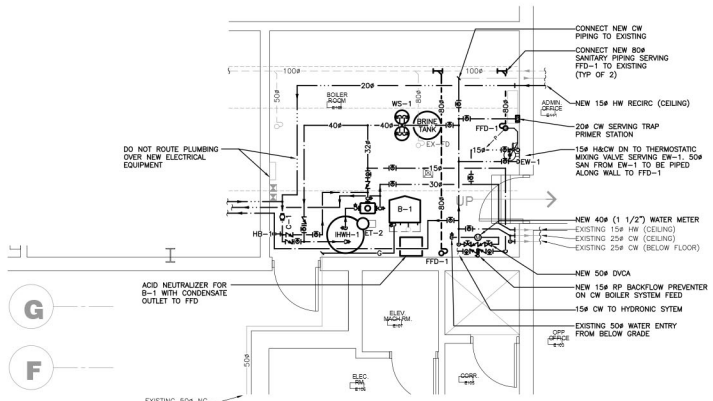
BOILER ROOM PART PLAN HVAC - DEMOLITION
SCALE: 1/50



BOILER ROOM PART PLAN HVAC - RENOVATION
SCALE: 1/50



BOILER ROOM PART PLAN PLUMBING - DEMOLITION
SCALE: 1/50



BOILER ROOM PART PLAN PLUMBING - RENOVATION
SCALE: 1/50

GENERAL DEMOLITION NOTES

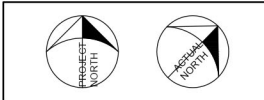
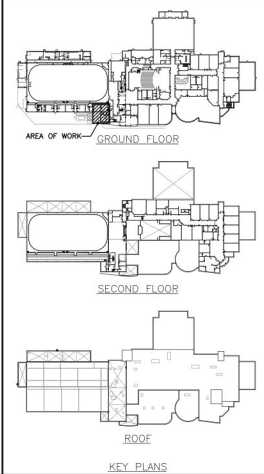
- A. EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
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- F. REMOVAL OF EXISTING PIPING, GAS OIL SYSTEMS INCLUDING REMOVAL OF ALL HANGERS, INSULATION, FITTINGS, ETC.
- G. MAINTAIN INTEGRITY OF EXISTING SYSTEMS THAT ARE TO REMAIN 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.

SPECIFIC DEMOLITION NOTES

1. EXISTING INDIRECT HOT WATER HEATER TO BE REMOVED COMPLETE.
2. EXISTING HYDRONIC BOILER TO BE REMOVED COMPLETE.
3. EXISTING EXPANSION TANK TO BE REMOVED COMPLETE.
4. EXISTING WATER ENTRY DOWA TO BE REMOVED COMPLETE.
5. EXISTING HYDRONIC SIDESTREAM FILTER TO BE REMOVED COMPLETE.
6. EXISTING CHEMICAL FEED TANK TO BE REMOVED COMPLETE.
7. EXISTING SOFTENER TO BE REMOVED COMPLETE.
8. EXISTING BOILER VENT TO BE REMOVED COMPLETE.
9. EXISTING CAST-IN PLACE MOP SINK AND ADJACENT EYE WASH TO BE REMOVED COMPLETE.
10. EXISTING DOOR GRILLE AND VENT OVER DOOR TO REMAIN.
11. EXISTING WATER SOFTENERS AND BRINE TANK TO BE REMOVED COMPLETE.
12. SANICUT FLOOR TO PERMIT CONNECTION OF NEW FUNNEL FLOOR DRAIN TO EXISTING SANITARY MAN.
13. EXISTING WATER METER AND DOUBLE CHECK VALVE ASSEMBLY (DOWA) TO BE REMOVED COMPLETE.
14. ALL CW, HW RECIRC, HAS, HWR PIPING IN THIS ROOM TO BE REMOVED COMPLETE.
15. CONTRACTOR SHALL FULLY VIDEOAPE AND FLUSH EXISTING SANITARY SYSTEM. PROVIDE A WRITTEN REPORT COMPLETE WITH VIDEO TIME STAMPS INDICATING AREAS OF FAILED PIPING FOR CONSULTANT AND OWNER TO REVIEW.

SIZING AND DETAILS:

SEE BOILER ROOM SCHEMATIC ON M3.4 FOR PIPE SIZING AND ADDITIONAL DETAILS.



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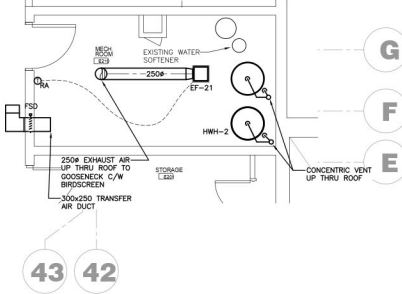
PROJECT: RENOVATIONS FOR **ERIN COMMUNITY CENTRE**
14 BCLAND DRIVE ONTARIO

SHEET TITLE: **WATER ENTRY BOILER ROOM ENLARGED PLANS - AREA 'A2'**

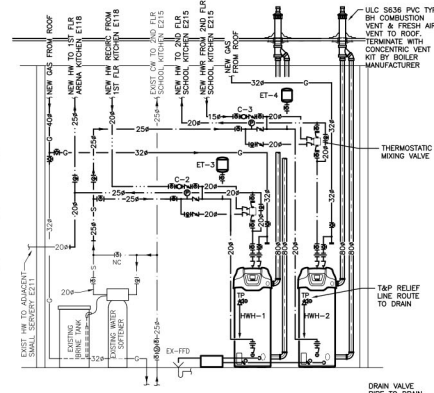
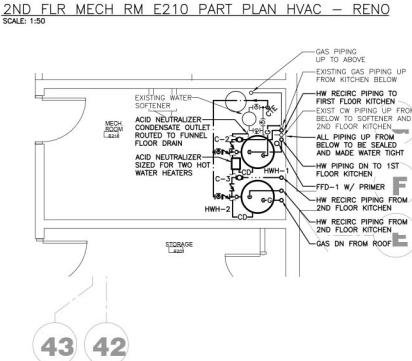
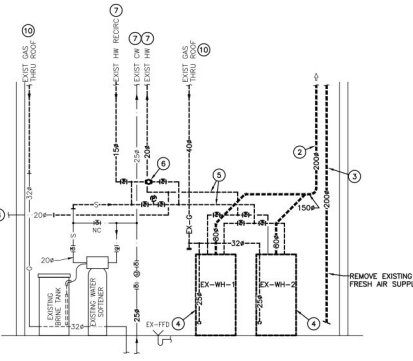
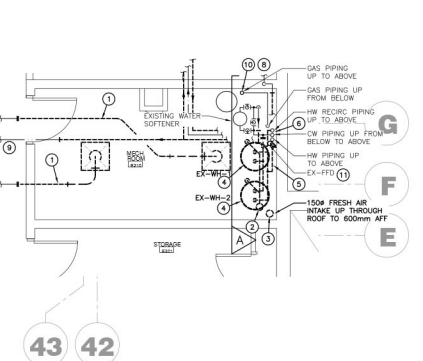
NO.	DATE	REVISION

PROJ. NO. 21-159
DATE NOV 2022
DRAWN BY RP
CHECKED JA
SCALE AS NOTED
DATE PLOTTED 3/20/2024
DRAWING NO. M3.3

- SPECIFIC DEMOLITION NOTES**
- EXISTING SUPPLY AIR DUCTING INTO THIS ROOM TO BE CUT BACK, REMOVED COMPLETE, AND CAPPED AT TRUNK DUCT.
 - EXISTING COMBUSTION AIR VENT THRU ROOF TO BE REMOVED COMPLETE.
 - EXISTING OUTDOOR AIR VENT THRU ROOF TO BE REMOVED COMPLETE.
 - EXISTING GAS FIRED HOT WATER HEATER AND ALL ASSOCIATED PIPING TO BE DISCONNECTED AND REMOVED COMPLETE.
 - EXISTING PIPERWORK TO BE REMOVED AS INDICATED IN SCHEMATIC FOR REPLACEMENT WITH NEW.
 - EXISTING CIRCULATION PUMP TO BE REMOVED COMPLETE.
 - EXISTING HW & HW RECIRC TO KITCHENS TO BE REMOVED COMPLETE. CW SUPPLY TO REMAIN.
 - RETAIN EXISTING HW BRANCH TO SERVERY E211.
 - RETAIN EXISTING HW BRANCH TO 2ND FLOOR WASHROOMS.
 - GAS THRU ROOF TO BE REMOVED COMPLETE.
 - REMOVE EXISTING FLOOR DRAIN AND PREP FOR NEW BOB FLOOR DRAIN.



- IDENTIFIED PRICE - DHW**
- THE FOLLOWING ITEMS ARE TO BE INCLUDED IN IDENTIFIED PRICE FOR SCHOOL HOT WATER SYSTEM:
- ALL C&M, HW RECIRC. & GAS PIPING IN HOT WATER ROOM E210.
 - NEW HOT WATER HEATER HHM-2.
 - NEW HOT WATER CIRC PUMP C-3.
 - NEW HOT WATER EXPANSION TANK ET-4.
 - VENTING THROUGH ROOF FOR HOT WATER HEATER HHM-2.



2ND FLR MECH RM E210 PART PLAN PLUMBING - DEMO
SCALE: 1:50

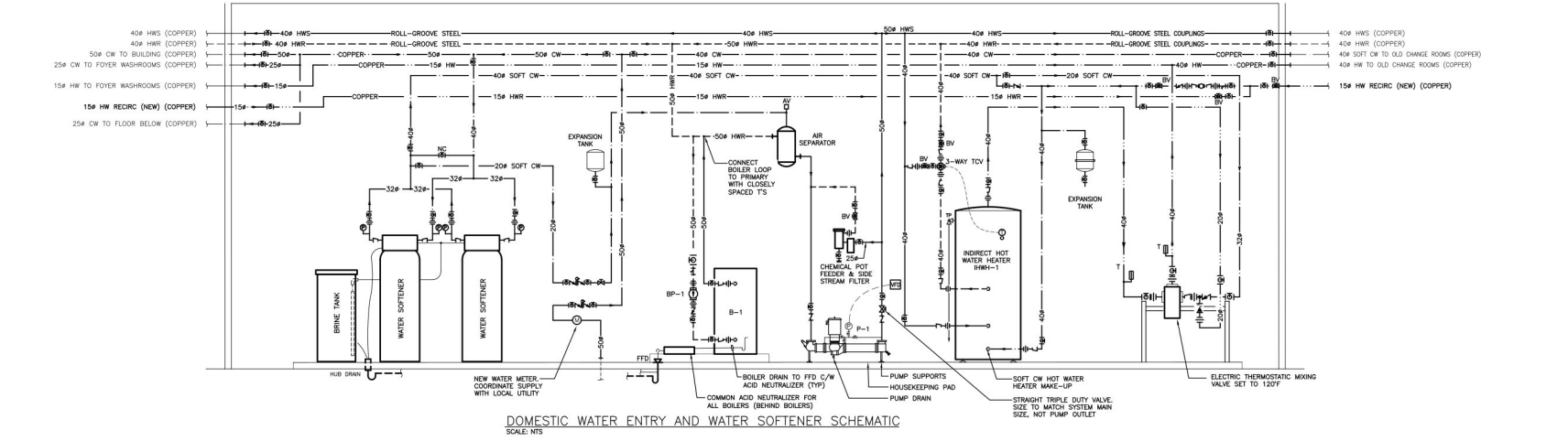
2ND FLR MECH RM E210 PIPING SCHEMATIC - DEMO
SCALE: NTS

2ND FLR MECH RM E210 PART PLAN PLUMBING - RENO
SCALE: 1:50

2ND FLR MECH RM E210 PIPING SCHEMATIC - RENO
SCALE: NTS

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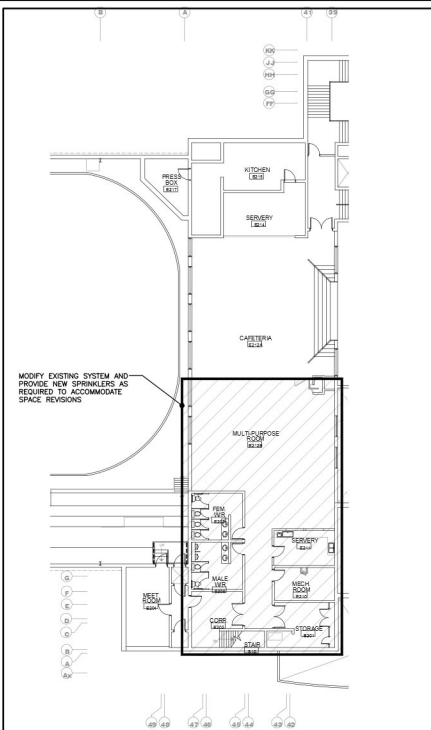
CONSULTANT

PROJECT: RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BCLAND DRIVE ONTARIO

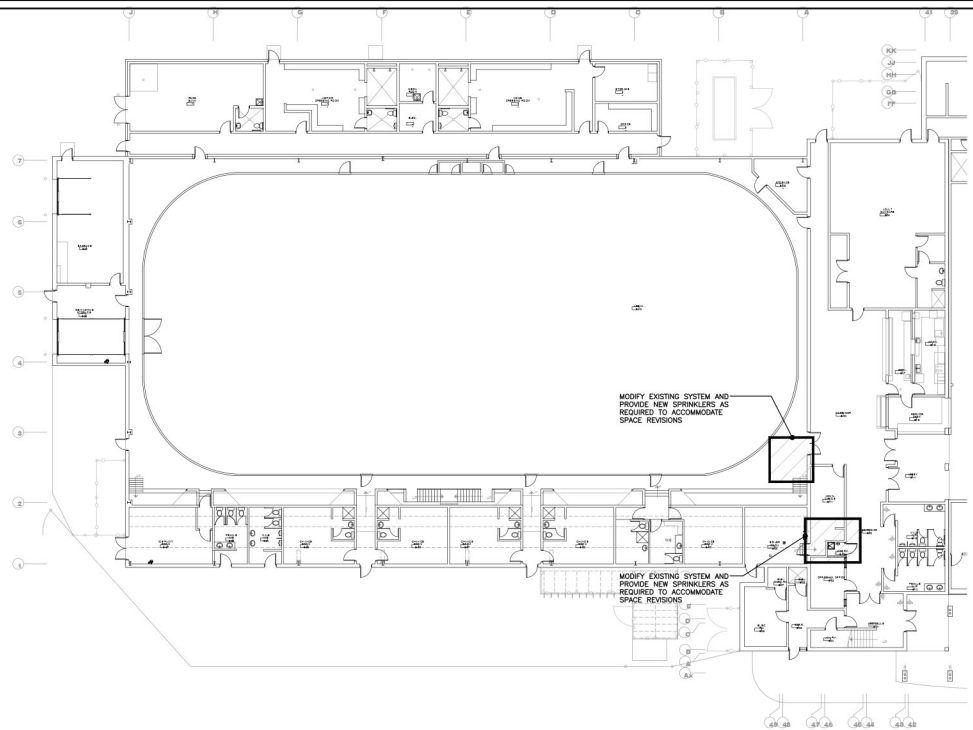
SHEET TITLE
BOILER ROOM SCHEMATICS & 2ND FLR HOT WATER ROOM

NO.	DATE	REVISION	DATE	REVISION

PROJ. NO.	21-159
DATE	NOV 2022
DRAWN BY	RP
CHECKED	JA
SCALE	AS NOTED
DATE PLOTTED	3/20/2024
DRAWING NO.	M3.4



SECOND FLOOR PART PLAN — DEMOLITION & RENOVATION
SCALE: 1:200

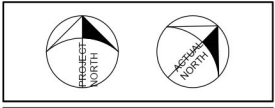
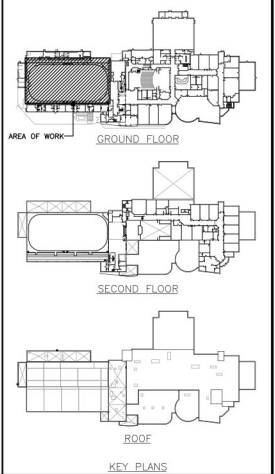


GROUND FLOOR PART PLAN — DEMOLITION & RENOVATION
SCALE: 1:200

GENERAL SPRINKLER NOTES

1. SUBMIT PRELIMINARY DESIGN & HYDRAULIC CALCULATIONS STAMPED BY A PROFESSIONAL ENGINEER AND MANUFACTURERS' PRODUCT SHEETS FOR SHOP DRAWING SUBMISSION AS SPECIFIED PRIOR TO COMMENCING WORK.
2. ENSURE DESIGN MEETS OR EXCEEDS PRESENT NFPA 13 STANDARDS. ENSURE SPRINKLER SYSTEMS ARE INSTALLED TO NFPA 13 STANDARDS. UPON COMPLETION, SPRINKLER CONTRACTOR TO PROVIDE REPRODUCIBLE DRAWING (AT 1/8"=1'-0" SCALE) AND HYDRAULIC CALCULATIONS OF AS-BUILT CONDITION.
3. SPRINKLER CONTRACTORS "PROFESSIONAL ENGINEER" TO PROVIDE O.B.C. AND NFPA REQUIRED INSPECTION AND CERTIFICATION.
4. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLAN.
5. PROVIDE SPRINKLER HEAD TYPES AS FOLLOWS:
 - 5.1. PROVIDE UPRIGHT HEADS WITHIN 12" OF EXPOSED DECK THROUGHOUT EXPOSED STRUCTURE AREAS. PROVIDE HEAD GUARDS IN RISK AREAS AND WHERE HEADS ARE BELOW 8'-0" & STORAGE ROOMS.
 - 5.2. PROVIDE RECESSED PENDENT HEADS IN AREAS WITH ACOUSTIC TILE OR DRYWALL CEILING. HEAD & ESCUTCHEON FINISH SELECTED BY CONSULTANT.
6. SPRINKLER HEADS TO BE IN CENTRELINE OF CEILING TILE. MINIMUM 150mm (6") FROM EDGE.
7. FINAL NUMBER AND LOCATION OF SPRINKLER HEADS TO BE DETERMINED BY CONTRACTOR'S HYDRAULIC CALCULATIONS AND APPROVED DRAWINGS.
8. SPRINKLER PIPING TO BE COORDINATED WITH OTHER SERVICES PRIOR TO INSTALLATION.
9. SPRINKLER CONTRACTOR TO VISIT SITE AND EVALUATE EXISTING CONDITIONS PRIOR TO TENDER CLOSING. INCLUDE ALL MODIFICATIONS IN TENDER PRICE.
10. EXISTING SPRINKLER SYSTEM TO BE RENOVATED/MODIFIED TO SUIT NEW LAYOUT. CONTRACTOR IS RESPONSIBLE TO SURVEY EXISTING SYSTEMS FOR CREATION OF SHOP DWGS.
11. PROVIDE SPRINKLER HEADS UNDER ALL DUCTWORK AND EQUIPMENT OVER 1200mm WIDE.
12. COMMISSIONING OF INTEGRATED TESTING OF FIRE PROTECTION AND LIFE SAFETY SYSTEM.
 - 12.1. SPRINKLER CONTRACTOR TO PROVIDE SERVICES WITH THE FIRE COMMISSIONING AGENT (FCA) TO MEET THEIR REQUIREMENTS OF ADMINISTRATION, INSPECTION, AND FINAL SIGNOFF TO THE LOCAL AUTHORITIES AND CONSULTANT. THE FCA IS BEING RETAINED BY THE ELECTRICAL CONTRACTOR, HOWEVER, THIS CONTRACTOR'S WORK TO SATISFY THE FCA REQUIREMENTS SHALL BE INCLUDED IN THE TENDER PRICE.
 - 12.2. CHECK/TEST/MOVEMENT OF ALL VALVES ASSOCIATED WITH RENOVATED ZONES. CREATE WATER FLOW AT ALL DEVICES TO VERIFY DETECTOR AT FIRE ALARM PANEL.
 - 12.3. PERFORM ALL WORK IN ACCORDANCE WITH NFPA 3.
 - 12.4. RETURN SPRINKLER/SANDBASE SYSTEM TO NORMAL OPERATION ON COMPLETION OF TESTING.

NOTE:
ALL LOCATIONS WITH ARCHITECTURAL MODIFICATIONS REQUIRE FIRE SUPPRESSION SYSTEM REVISIONS.



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 include all offsets, fittings and accessories which may be required.
Notes: The same shall be required conditions, drawings and specifications, etc. prepared and issued by the consultant on the project and the contractor must be followed at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant.
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D+H ARCHITECTS INC.
45 MILL STREET, ORANGEVILLE, ON, L9W2M4. 519-941-0912

DEI Consulting Engineers Inc.
MECHANICAL | ELECTRICAL | PLUMBING

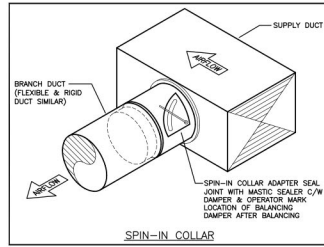
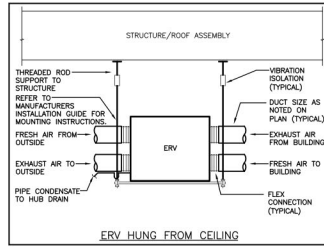
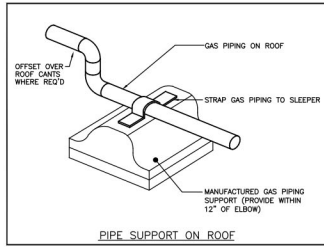
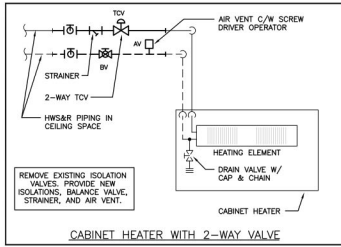
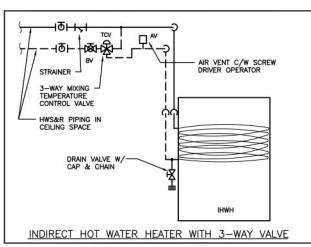
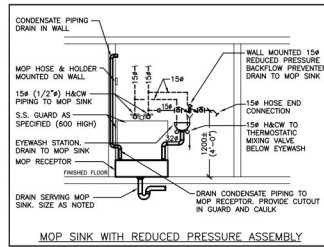
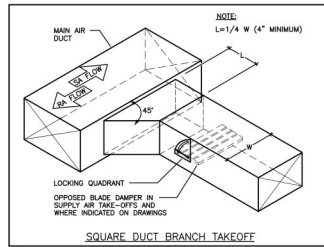
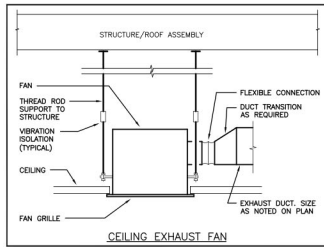
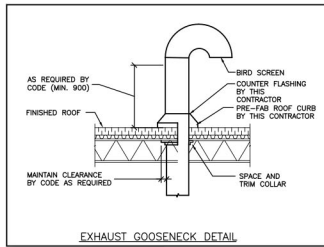
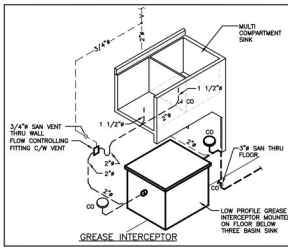
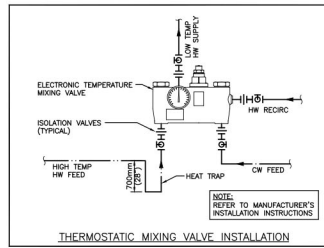
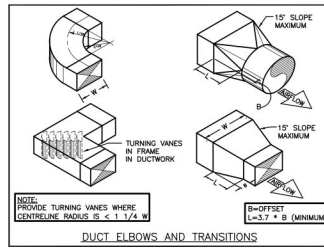
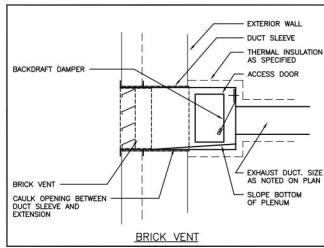
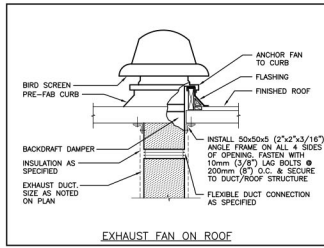
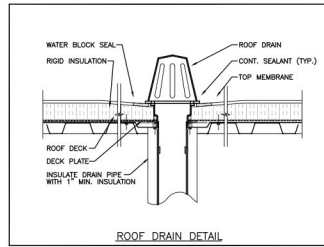
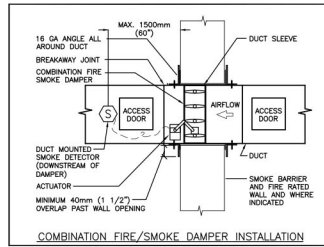
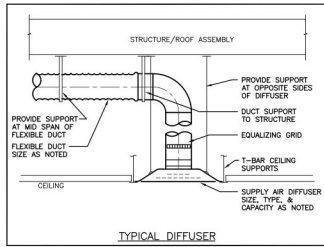
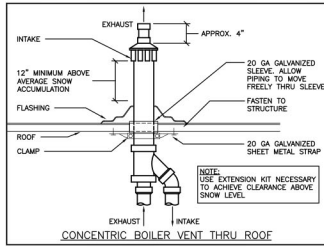
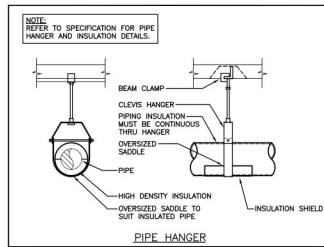
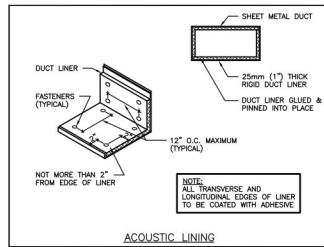
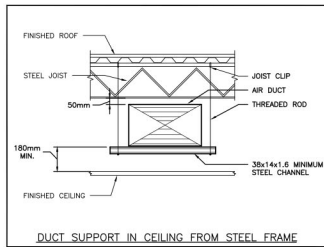
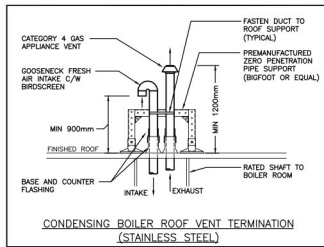
PROJECT: RENOVATIONS FOR **ERIN COMMUNITY CENTRE**
14 BCLAND DRIVE ONTARIO

SHEET TITLE: **Fire Protection Part Plans - Demo/Reno**

NO.	DATE	REVISION	NO.	DATE	REVISION

PROJ. NO. 21-159
DATE NOV 2022
DRAWN BY RP
CHECKED JA
SCALE AS NOTED
DATE PLOTTED 3/20/2024
DRAWING NO. **M3.5**





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 on closely an actual building construction and quality control required for reception of service from Consultant before commencement of the work. The drawings do not include all off-site fittings and accessories which may be required. Drawings and specifications, etc. prepared and issued by the consultant on the project 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. All work shall be in accordance with the drawings.

45 MILL STREET, ORANGEVILLE, ON. L9W2M4. 519-941-0912

CONSULTANT: **DEI** Consulting Engineers Ltd. MECHANICAL, ELECTRICAL, PLUMBING

PROJECT: RENOVATIONS FOR **ERIN COMMUNITY CENTRE**
14 BCLAND DRIVE ONTARIO

SHEET TITLE: **DETAILS**

NO.	DATE	REVISION	DATE	REVISION

PROJ. NO.: 21-159
DATE: NOV 2022
DRAWN BY: RP
CHECKED BY: JA
SCALE: AS NOTED
DATE PLOTTED: 3/20/2024
DRAWING NO.: **M4.1**