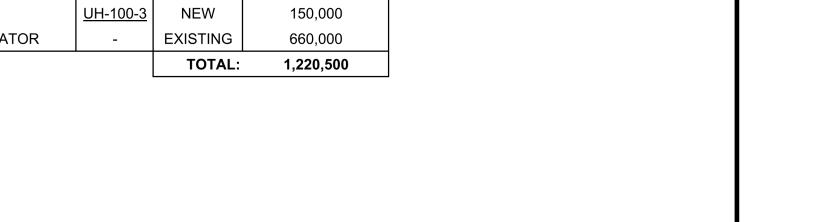
YMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PIPE DROP OR FROM BELOW		COMBINATION BALANCE AND METERING VALVE (CIRCUIT SETTER)
—	PIPE UP OR FROM ABOVE	C	PRESSURE INDEPENDENT CONSTANT FLOW VALVE (AUTO-FLOW VALVE)
$\rightarrow$	VALVE	→ N	CHECK VALVE
Ah T	SAFETY RELIEF VALVE		BACKFLOW PREVENTOR
	UNION OR FLANGE FITTING		PRESSURE REDUCING VALVE
	FLEXIBLE CONNECTION		STRAINER
(HB-)	HOSE BIBB	<b>→</b>	REDUCERS
W-	PLUMBING FIXTURE (TYPE NOTED)	-55	PUMP
□ WH-)	WALL HYDRANT	$\longrightarrow$	PRESSURE GAUGE
_	THERMOMETER	FS	FLOW SWITCH
√VB	VACUUM BREAKER	PS	PRESSURE SWITCH
Ţ	WATER TEMPERATURE SENSOR	† N-	GAS TURRET
P/T	PRESSURE TEMPERATURE PLUG	——————————————————————————————————————	COMPRESSED AIR OUTLET
⊕ <sup>4ø</sup> FD	FLOOR DRAIN SIZE AS NOTED REFER TO SPECIFICATION FOR TYPES	- G FD	FLOOR DRAIN FROM ABOVE WITH TRAP
∯ <sup>4ø</sup> FFD	FUNNEL FLOOR DRAIN SIZE AS NOTED REFER TO SPECIFICATION FOR TYPES		UPTURNED CLEANOUT
⊕ <sup>4ø</sup> HD	HUB DRAIN SIZE AS NOTED REFER TO SPECIFICATION FOR TYPES		HORIZONTAL CLEANOUT
∯ <sup>4ø</sup> RD	ROOF DRAIN SIZE AS NOTED REFER TO SPECIFICATION FOR TYPES	0	FLOOR CLEANOUT
	DOMESTIC COLD WATER (DCW)	G	NATURAL GAS
	DOMESTIC HOT WATER (DHW)	GV	NATURAL GAS VENT
	DOMESTIC HOT WATER RECIRCULATION (DHWR)	PG	PROPANE GAS
— т ——	TEMPERED DOMESTIC HOT WATER	CA	COMPRESSED AIR
— IRR ———	IRRIGATION SYSTEM PIPING	AV	ACID VENT
	SANITARY ABOVE GRADE OR FLOOR	AW	ACID WASTE
	SANITARY BELOW GRADE OR FLOOR	v	SANITARY VENT
— ST ———	STORM ABOVE GRADE OR FLOOR	— — RG — —	RADON GAS BELOW GRADE
— ST — —	STORM BELOW GRADE OR FLOOR	——— GI ———	GREASE INTERCEPTOR ABOVE GRADE
PSAN —	PUMP SANITARY DRAIN	GI	GREASE INTERCEPTOR BELOW GRADE
- PST	PUMP STORM DRAIN	ID	INDIRECT DRAIN
— NP ———	NON-POTABLE WATER	— — FD — —	FOUNDATION DRAIN
	SQUARE EXTERIOR AREA DRAIN	CD	CONDENSATE DRAIN
$\oplus$	CIRCULAR AREA DRAIN	1/1	VENT THROUGH ROOF
$\rightarrow$	THRUST BLOCK	0	MANHOLE
GM	GAS METER	Ш С.В.	CATCH BASIN
-WM	WATER METER		

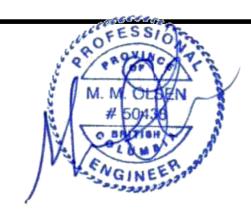
HVAC SYMBOLS AND ABBREVIATIONS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ELBOW DROPPING	$\rightarrow$	CHECK VALVE
	ELBOW RISING		BACKFLOW PREVENTOR
$\longrightarrow$	ISOLATION VALVE	1,1	STRAINER
——吳——	CONTROL VALVES		REDUCERS
	SAFETY RELIEF VALVE	5——5	PUMP
EPIV	ELECTRONIC PRESSURE INDEPENDENT CONTROL VALVE	C	PRESSURE INDEPENDENT CONSTANT FLOW VALVE (AUTO-FLOW VALVE)
<u></u>	COMBINATION BALANCE AND METERING VALVE (CIRCUIT SETTER)		FLEXIBLE CONNECTION
Ż	MANUAL AIR VENT	Ţ,	AUTOMATIC AIR VENT
	UNION OR FLANGE FITTING	$\square$	PRESSURE GAUGE
	THERMOMETER	626	AIR OR WATER FLOW IN L/S
FS	FLOW SWITCH	PS	PRESSURE SWITCH
FM	FLOW MEASURING DEVICE	P	PRESSURE SENSOR
0	VISUAL FLOW INDICATOR	P/T	PRESSURE TEMPERATURE PLUG
S	AIR SEPARATOR	Ţ	WATER TEMPERATURE SENSOR
	HEAT TRACE	R	RADON STAT
Т	ELECTRIC THERMOSTAT/TEMPERATURE SENSOR	T RAT	REVERSE ACTING THERMOSTAT
FD	FIRE DAMPER	DP	DIFFERENTIAL PRESSURE SENSOR
MD	MOTORIZED DAMPER		BALANCING DAMPER
SD/FD	SMOKE/FIRE DAMPER		
	SUPPLY DUCT UP OR FROM ABOVE	BDD BDD	BACKDRAFT DAMPER
I X	SUPPLY DUCT DOWN OR FROM BELOW	[cc]	SQUARE ELBOW DUCT WITH TURNING VANE
	RETURN DUCT UP OR FROM ABOVE		ROUND SUPPLY DIFFUSER
	RETURN DUCT DOWN OR FROM BELOW		DUCTED RETURN OR EXHAUST REGIS' OR GRILLE
	OUTSIDE AIR DUCT UP OR FROM ABOVE	ixi	SQUARE OR RECTANGULAR DIFFUSER
i x	OUTSIDE AIR DUCT DOWN OR FROM BELOW		NON DUCTED RETURN OR EXHAUST G
	RELIEF/EXHAUST DUCT UP OR FROM ABOVE	(0)	NON DUCTED ROUND RETURN OR EXHAUST GRILLE
	RELIEF/EXHAUST DUCT DOWN OR FROM BELOW		DUCT MOUNTED SUPPLY OR RETURN GRILLE
	ROUND DUCT UP OR FROM ABOVE		LINEAR SUPPLY OR RETURN GRILLE
	ROUND DUCT DOWN OR FROM BELOW	(o)====0	WALL FIN ELEMENT IN CONTINUOUS ENCLOSURE
	ACOUSTIC LINED DUCT		DOOR GRILLE
	FLEXIBLE CONNECTION		FLEXIBLE DUCTWORK
DIFFUSER GRILL REGISTER TYPE		ENCLOSURE	EATING ELEMENT TAG  A   1200W   HEATING CAPACITY 1944   ACTIVE ELEMENT LENGT
HWS	HEATING WATER SUPPLY	— HVACS—	HEAT PUMP WATER SUPPLY
HWR	HEATING WATER SURPLY	— HVACR—	HEAT PUMP WATER RETURN
CHS	CHILLED WATER SUPPLY	—— GSS—— — — GSR— —	GROUND SOURCE SUPPLY
CDS	CHILLED WATER RETURN  CONDENSER WATER SUPPLY	GSR 	GROUND SOURCE RETURN  REFRIGERATION SUCTION
	CONDENSELVENTIER SUFFEI		TEL MOLIVATION SUCTION

CONNECTED GAS LOAD			
EQUIPMENT DESCRIPTION	NAME	STATUS	GAS INPUT (btuh)
DOMESTIC WATER HEATER	<u>DWH-104</u>	EXISTING	35,500
FURNACE	<u>F-104</u>	EXISTING	75,000
	<u>UH-100-1</u>	EXISTING	150,000
UNIT HEATER	<u>UH-100-2</u>	EXISTING	150,000
	<u>UH-100-3</u>	NEW	150,000
EMERGENCY GENERATOR	-	EXISTING	660,000
	_	TOTAL:	1,220,500





1 MAR 15 2024 ISSUED FOR REVIEW 2 JULY 10 2024 ISSUED FOR TENDER



projec

CITY OF SALMON ARM -FIRE HALL #2 BUILDING ADDITION

200 - 30th Street SE Salmon Arm, BC

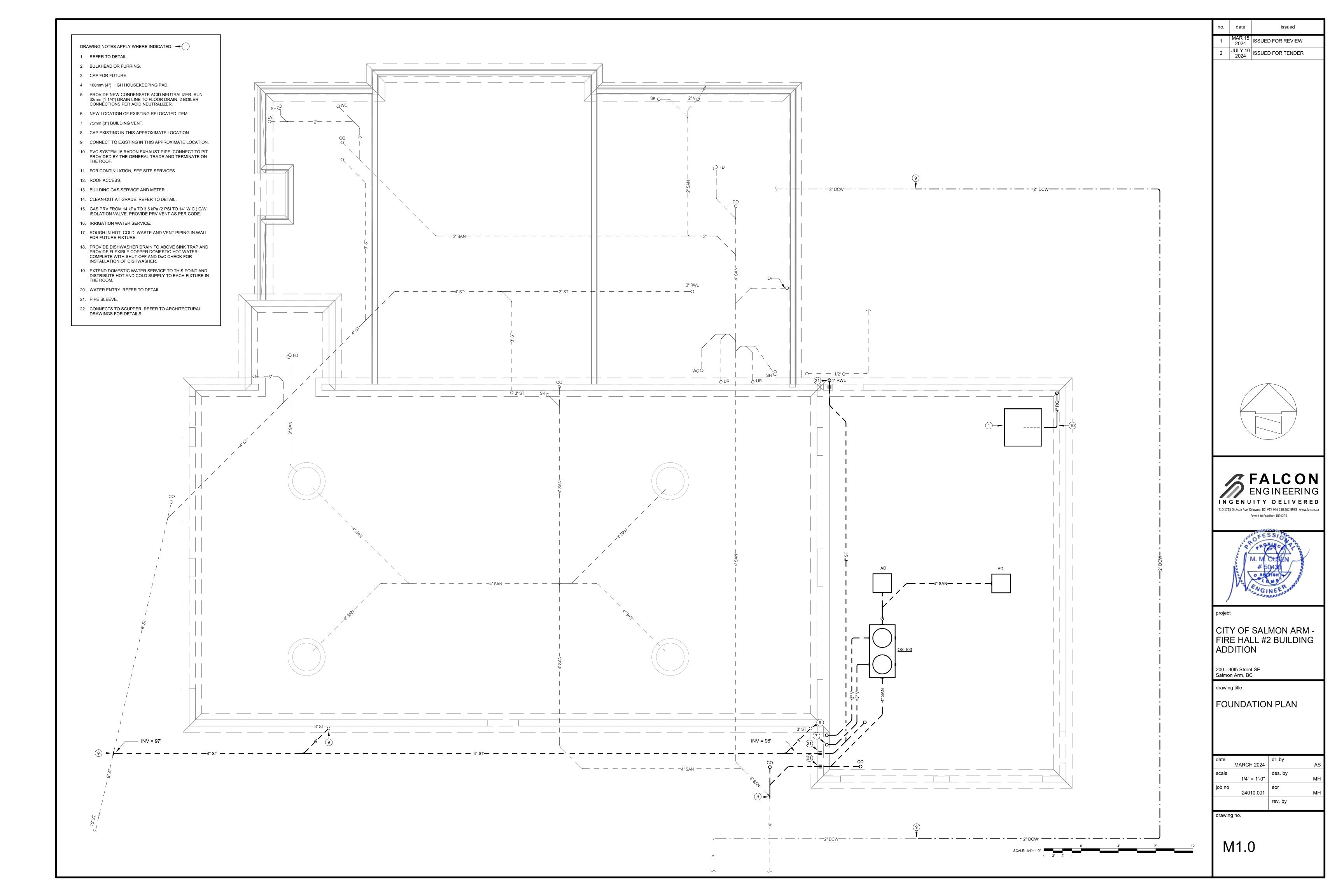
drawing title

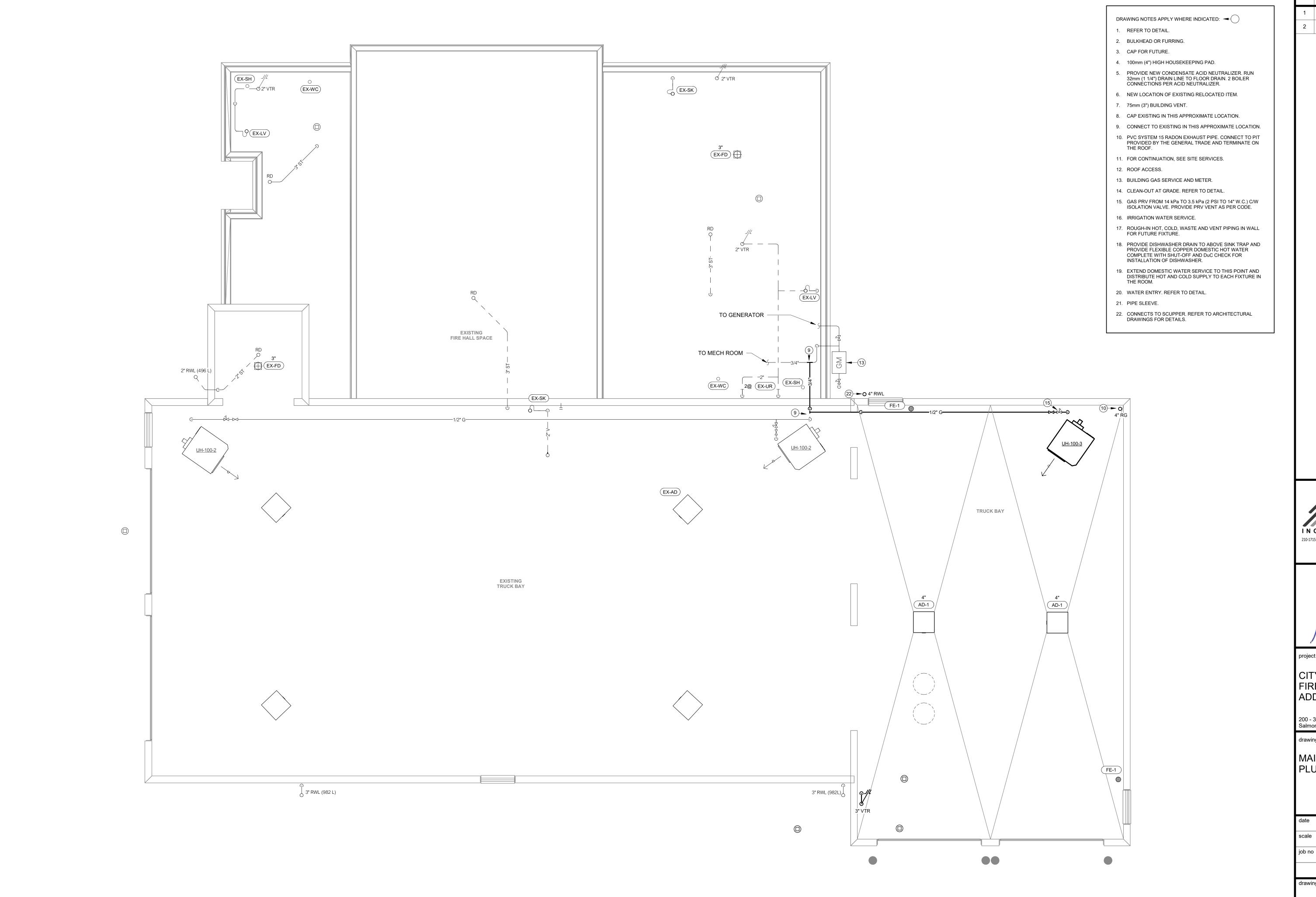
SYMBOL LEGENDS

date	MARCH 2024	dr. by	١S
	MANCH 2024		10
scale		des. by	
	NTS	M	lΗ
job no		eor	
	24010.001	M	lΗ
		rev. by	

drawing no.

M0.0





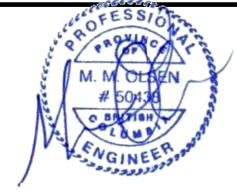
no. date

MAR 15 2024 ISSUED FOR REVIEW

JULY 10 2024 ISSUED FOR TENDER

INGENUITY DELIVERED 210-1715 Dickson Ave. Kelowna, BC V1Y 9G6 250.762.9993 www.falcon.ca

Permit to Practice: 1001295



CITY OF SALMON ARM -FIRE HALL #2 BUILDING ADDITION

200 - 30th Street SE Salmon Arm, BC

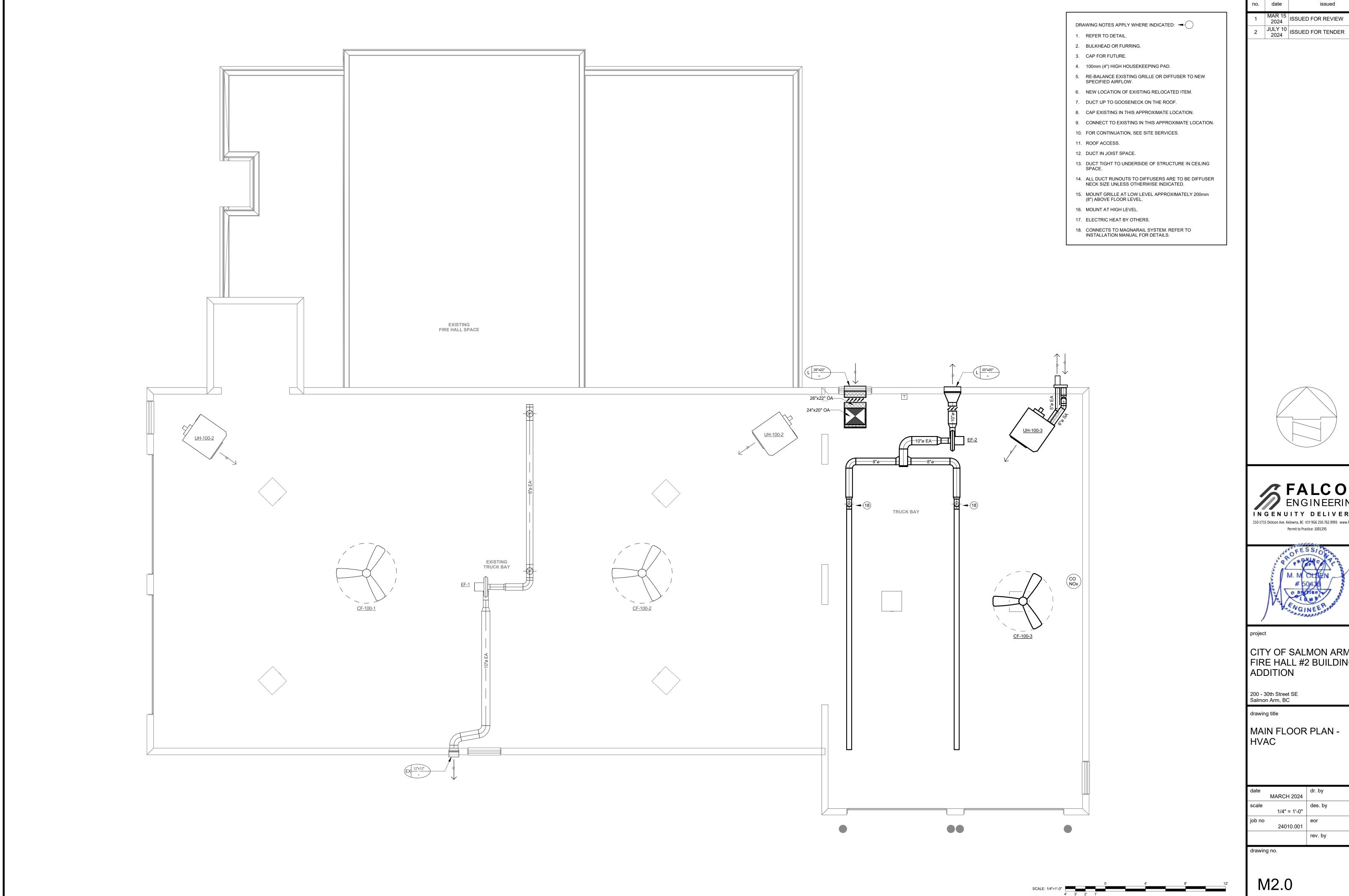
drawing title

MAIN FLOOR PLAN -PLUMBING

date		dr. by
	MARCH 2024	ÅS
scale		des. by
	1/4" = 1'-0"	MH
job no		eor
	24010.001	MH
		rev. by

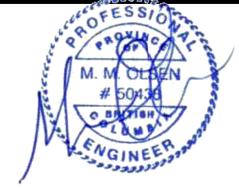


date		dr. by	
	MARCH 2024	Å	S
scale		des. by	
	1/4" = 1'-0"	MH	Н
job no		eor	
	24010.001	MH	Н
		rev. by	



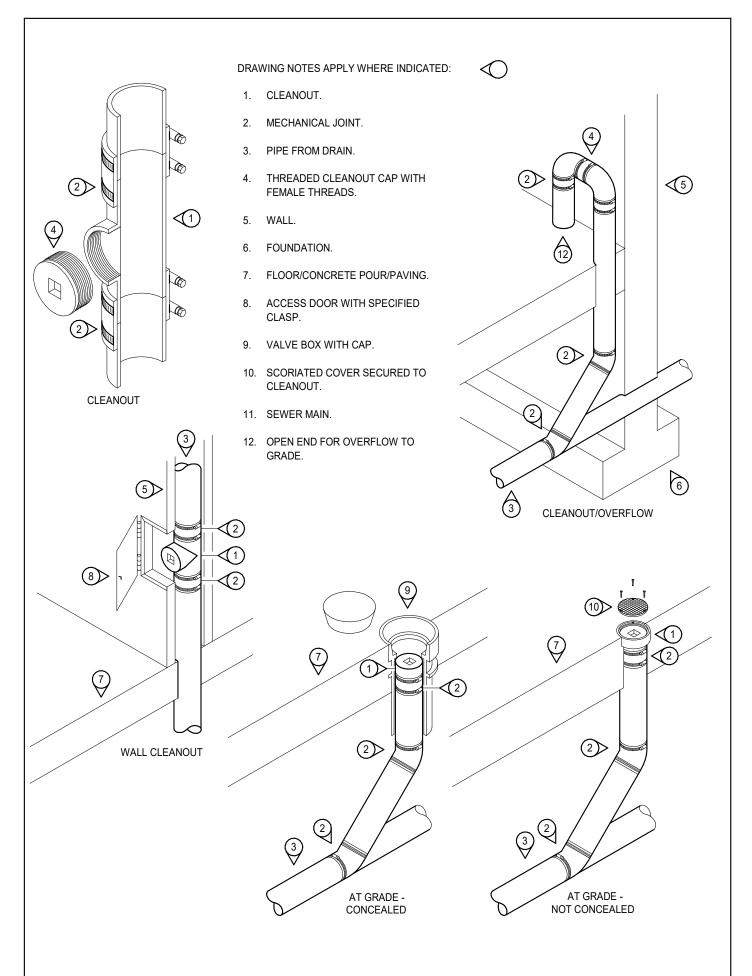
MAR 15 2024 ISSUED FOR REVIEW





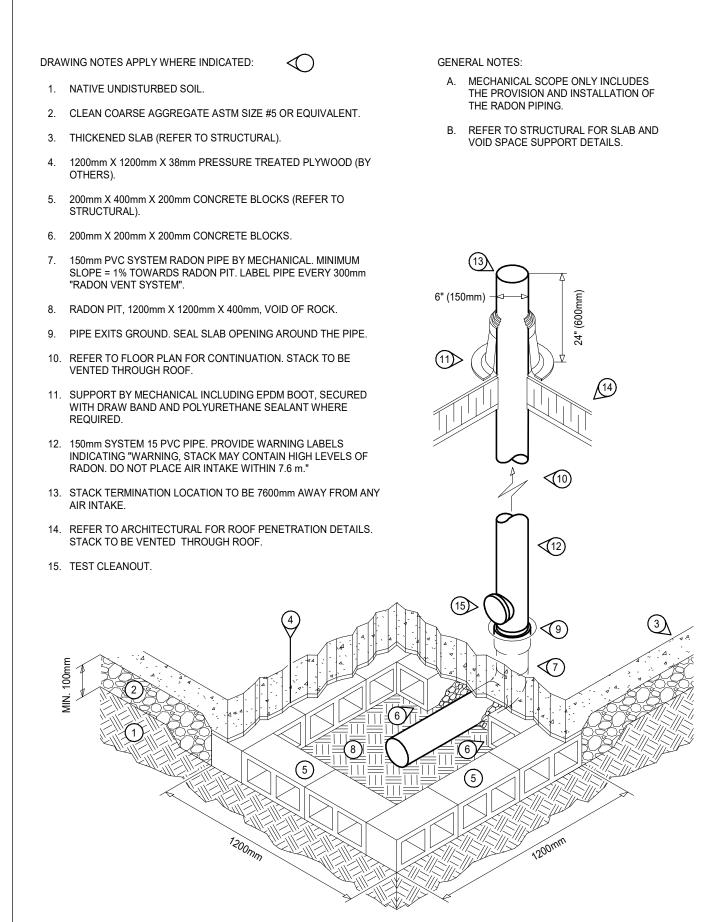
CITY OF SALMON ARM -FIRE HALL #2 BUILDING ADDITION

■ uai <del>c</del>		ui. by	
	MARCH 2024		AS
scale		des. by	
	1/4" = 1'-0"	,	MH
job no		eor	
	24010.001		MH
		rev. by	

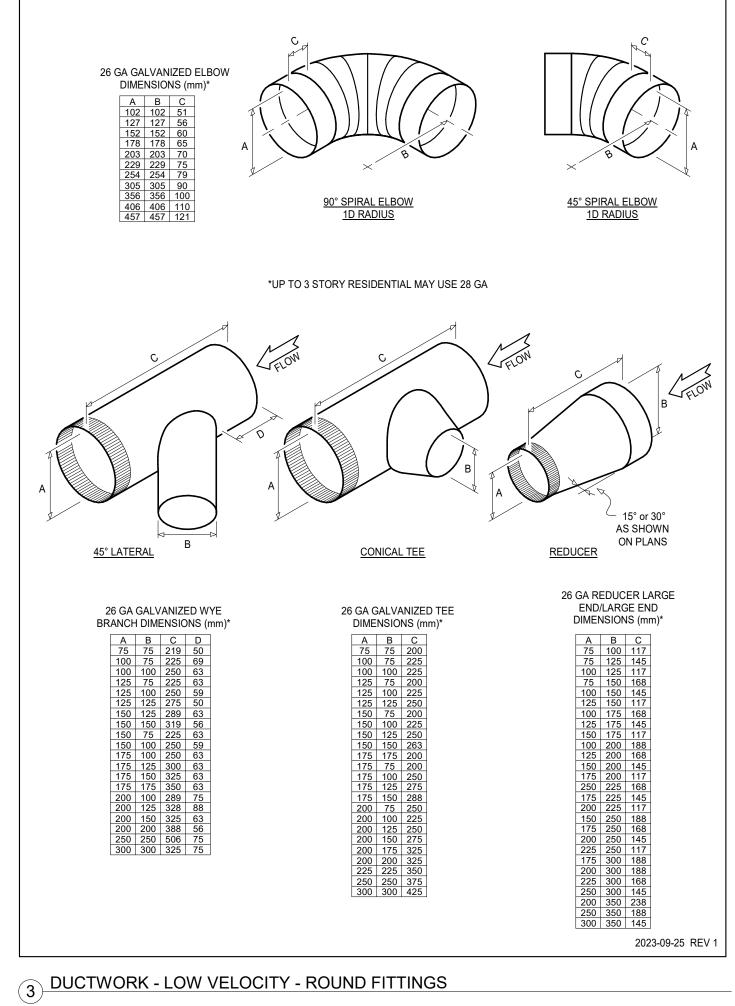


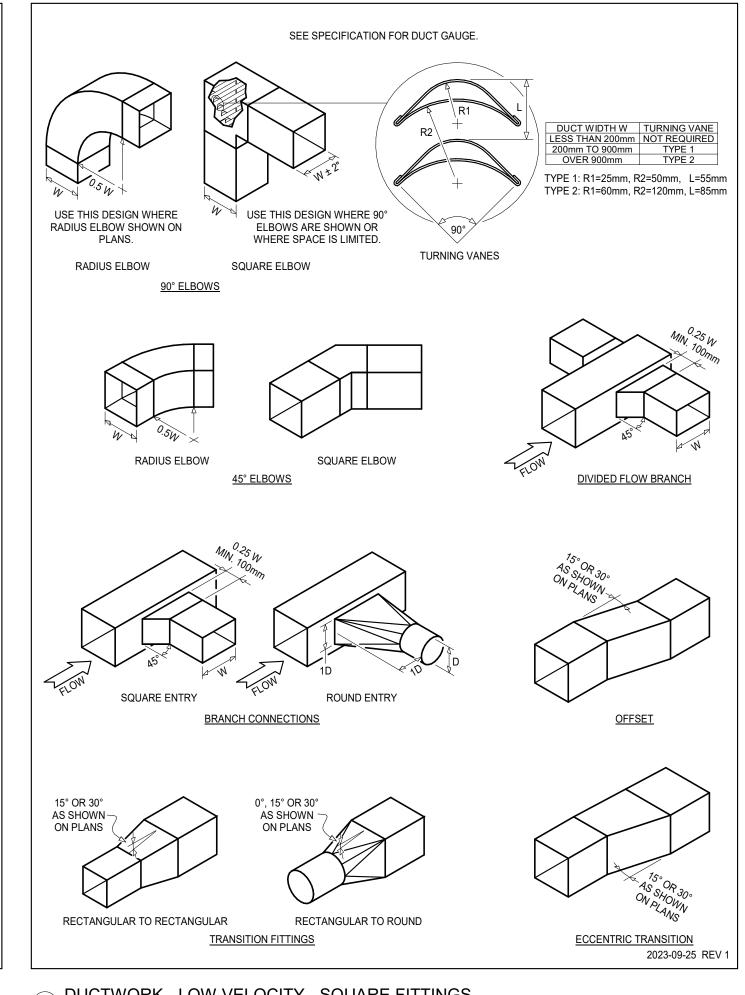
1) PIPING - CLEANOUTS

5 DUCTWORK - SUPPORT

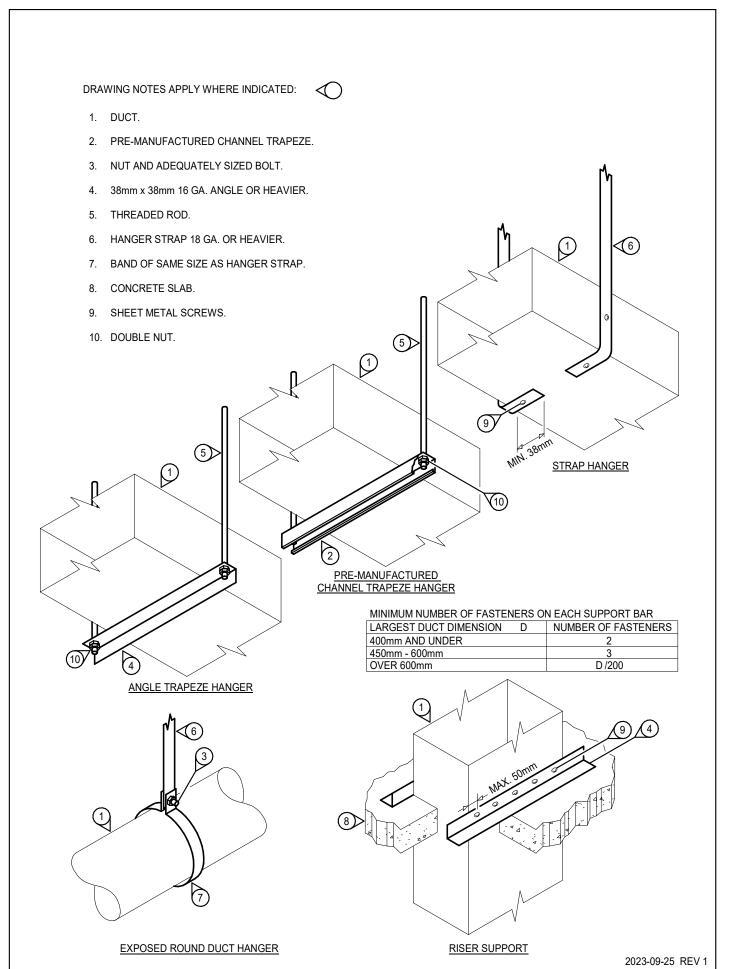


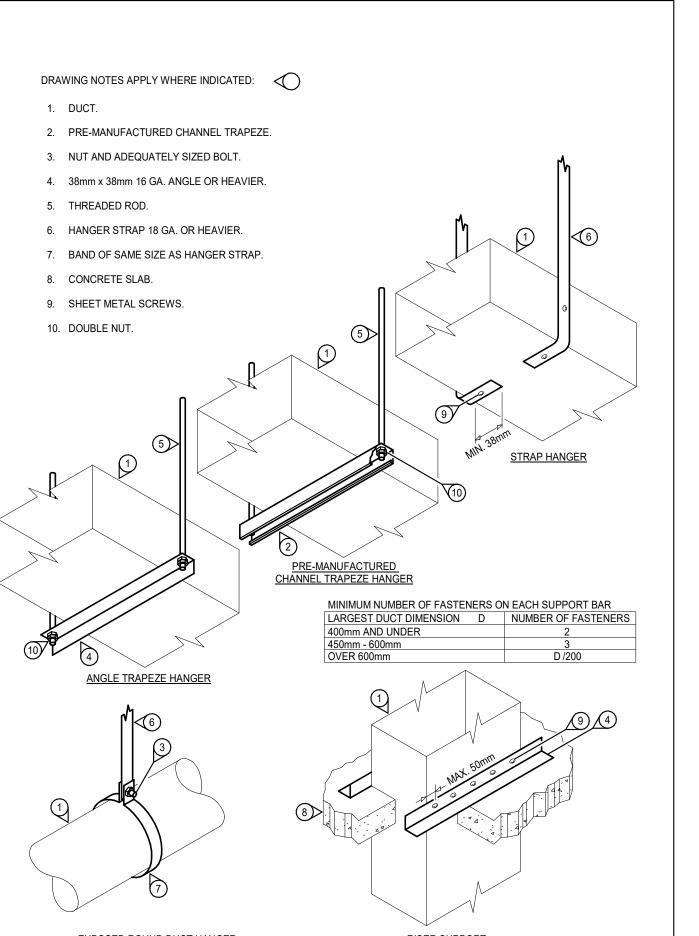
2 PIPING - RADON SYSTEMS





DUCTWORK - LOW VELOCITY - SQUARE FITTINGS





210-1715 Dickson Ave. Kelowna, BC V1Y 9G6 250.762.9993 www.falcon.ca Permit to Practice: 1001295

no. date

2024

ISSUED FOR REVIEW

JULY 10 2024 ISSUED FOR TENDER



CITY OF SALMON ARM -FIRE HALL #2 BUILDING ADDITION

200 - 30th Street SE Salmon Arm, BC

drawing title

DETAILS

date		dr. by	
	MARCH 2024	,	AS
scale		des. by	
	NTS		MH
job no		eor	
	24010.001		MH
		rev. by	

M3.0

