

ADDENDUM



PROJECT NAME: SALMON ARM FIREHALL #2

TO: Avex Architecture Inc.

ATTENTION: Marc Lamerton

PROJECT NO.: 24010.001

DATE: 2024-08-20

ADDENDUM NO.: M-02

ISSUED BY: Mariah Holmes

ADDEND SPECIFICATION AS FOLLOWS:

Specification Section 20 00 05 – Schedules

1. Replace Fan Schedule, as per attached.

Specification Section 20 00 60 – Pipe and Pipe Fittings

1. Add paragraph 2.1.7, as follows:

“ Domestic Water (below grade):

- .1 Material: Type K or Type L Soft Copper
 - .1 Fittings: Cast bronze - Flared tube
- .2 Material: PVC SCM 150
 - .1 Fittings: Hub and spigot, thrust block at elbows, rod connection at end of line
- .3 Material: Cast Iron
 - .1 Fittings: Hub and spigot, thrust block at elbows, rod connection at end of line”

Specification Section 20 50 10 – Fire Extinguishers

1. Delete Section 20 50 10 – Fire Extinguishers in it’s entirety.

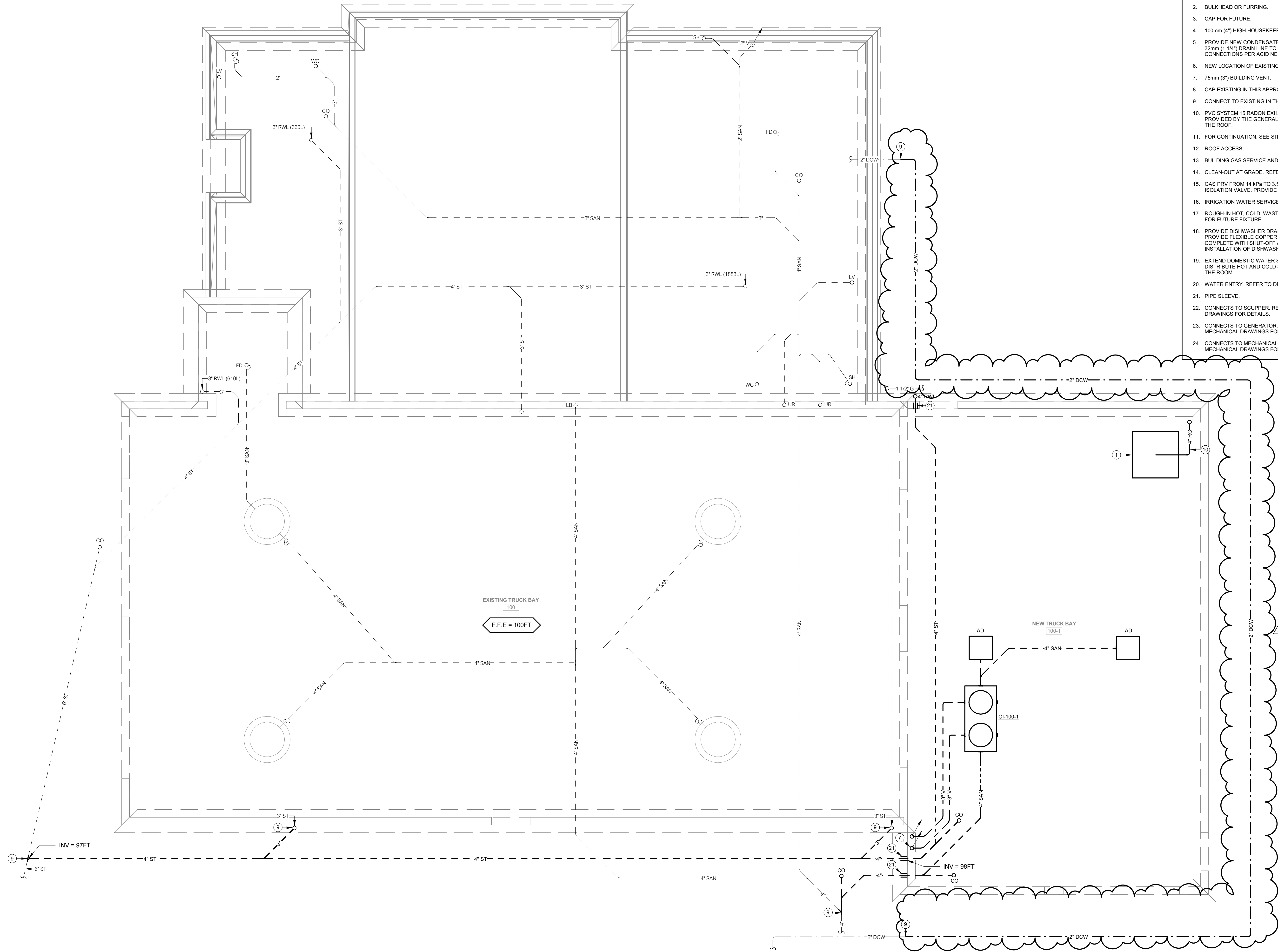
ADDEND DRAWINGS AS FOLLOWS:

1. Replace drawings M1.0, M1.1, M1.2, and M3.0, as per attached.

END OF ADDENDUM NO. M-02

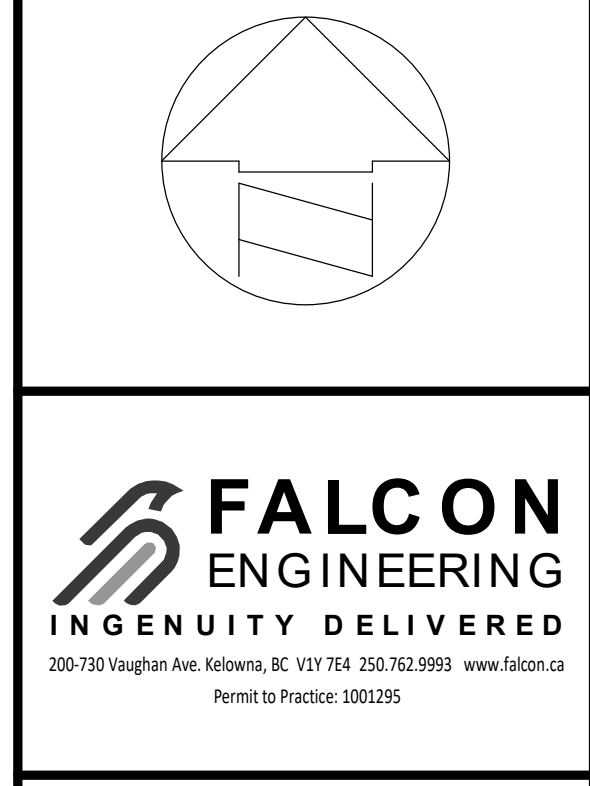
The above amendments are hereby made as part of the Contract Documents.

The above revisions and/or additions shall be made to contract documents and the cost shall be included in the Tender Price.



- DRAWING NOTES APPLY WHERE INDICATED:
- REFER TO DETAIL.
 - BULKHEAD OR FURRING.
 - CAP FOR FUTURE.
 - 100mm (4") HIGH HOUSEKEEPING PAD.
 - PROVIDE NEW CONDENSATE ACID NEUTRALIZER. RUN 32mm (1 1/4") DRAIN LINE TO FLOOR DRAIN. 2 BOILER CONNECTIONS PER ACID NEUTRALIZER.
 - NEW LOCATION OF EXISTING RELOCATED ITEM.
 - 75mm (3") BUILDING VENT.
 - CAP EXISTING IN THIS APPROXIMATE LOCATION.
 - CONNECT TO EXISTING IN THIS APPROXIMATE LOCATION.
 - PVC SYSTEM 15 RADON EXHAUST PIPE. CONNECT TO PIT PROVIDED BY THE GENERAL TRADE AND TERMINATE ON THE ROOF.
 - FOR CONTINUATION, SEE SITE SERVICES.
 - ROOF ACCESS.
 - BUILDING GAS SERVICE AND METER.
 - CLEAN-OUT AT GRADE. REFER TO DETAIL.
 - GAS PRV FROM 14 kPa to 3.5 kPa (2 PSI to 1/2" W.C.) C/W ISOLATION VALVE. PROVIDE PRV VENT AS PER CODE.
 - IRRIGATION WATER SERVICE.
 - ROUGH-IN HOT, COLD, WASTE AND VENT PIPING IN WALL FOR FUTURE FIXTURE.
 - PROVIDE DISHWASHER DRAIN TO ABOVE SINK TRAP AND PROVIDE FLEXIBLE COPPER DOMESTIC HOT WATER COMPLETE WITH SHUT-OFF AND D/C CHECK FOR INSTALLATION OF DISHWASHER.
 - EXTEND DOMESTIC WATER SERVICE TO THIS POINT AND DISTRIBUTE HOT AND COLD SUPPLY TO EACH FIXTURE IN THE ROOM.
 - WATER ENTRY. REFER TO DETAIL.
 - PIPE SLEEVE.
 - CONNECTS TO SCUPPER. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
 - CONNECTS TO GENERATOR. REFER TO AS-BUILT MECHANICAL DRAWINGS FOR DETAILS.
 - CONNECTS TO MECHANICAL ROOM. REFER TO AS-BUILT MECHANICAL DRAWINGS FOR DETAILS.

no.	date	issued
1	MAR 15 2024	ISSUED FOR REVIEW
2	JULY 10 2024	ISSUED FOR TENDER
3	AUG 20 2024	ADD-M02

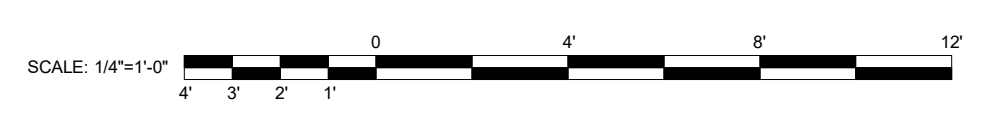


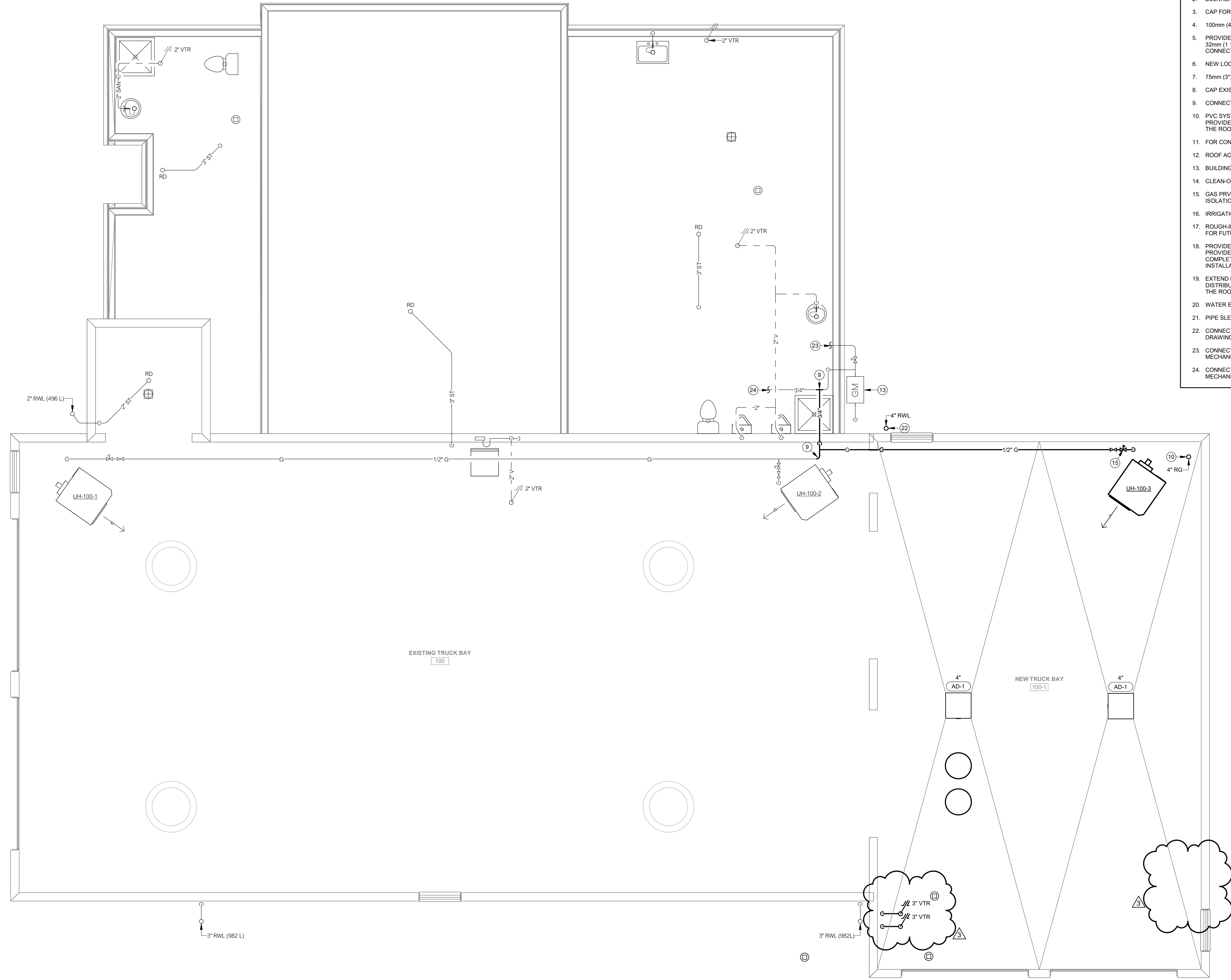
project
CITY OF SALMON ARM - FIRE HALL #2 BUILDING ADDITION
200 - 30th Street SE
Salmon Arm, BC

drawing title
FOUNDATION FLOOR PLAN PLUMBING LAYOUT

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

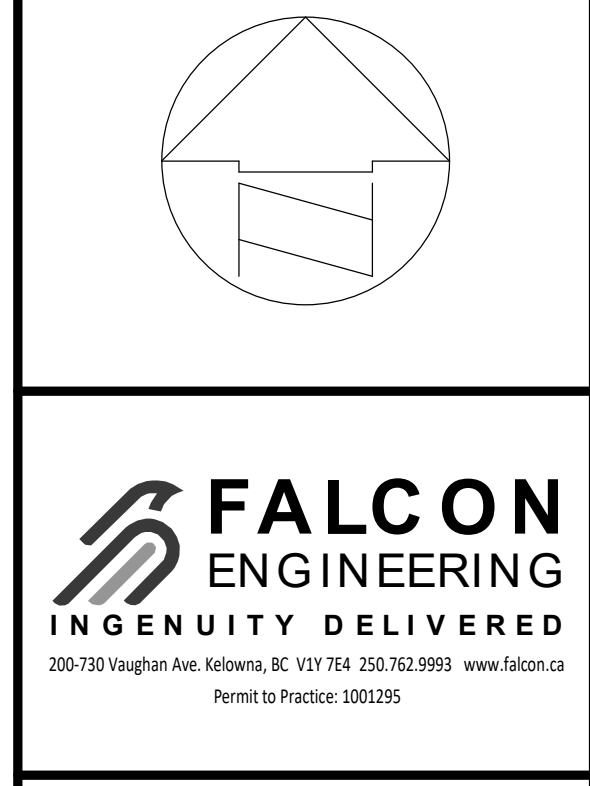
drawing no.
M1.0





- DRAWING NOTES APPLY WHERE INDICATED:
1. REFER TO DETAIL.
 2. BULKHEAD OR FURRING.
 3. CAP FOR FUTURE.
 4. 100mm (4") HIGH HOUSEKEEPING PAD.
 5. PROVIDE NEW CONDENSATE ACID NEUTRALIZER. RUN 32mm (1 1/4") DRAIN LINE TO FLOOR DRAIN. 2 BOILER CONNECTIONS PER ACID NEUTRALIZER.
 6. NEW LOCATION OF EXISTING RELOCATED ITEM.
 7. 75mm (3") BUILDING VENT.
 8. CAP EXISTING IN THIS APPROXIMATE LOCATION.
 9. CONNECT TO EXISTING IN THIS APPROXIMATE LOCATION.
 10. PVC SYSTEM 15 RADON EXHAUST PIPE. CONNECT TO PIT PROVIDED BY THE GENERAL TRADE AND TERMINATE ON THE ROOF.
 11. FOR CONTINUATION, SEE SITE SERVICES.
 12. ROOF ACCESS.
 13. BUILDING GAS SERVICE AND METER.
 14. CLEAN-OUT AT GRADE. REFER TO DETAIL.
 15. GAS PRV FROM 14 kPa TO 3.5 kPa (2 PSI TO 14" W.C.) C/W ISOLATION VALVE. PROVIDE PRV VENT AS PER CODE.
 16. IRRIGATION WATER SERVICE.
 17. ROUGH-IN HOT, COLD, WASTE AND VENT PIPING IN WALL FOR FUTURE FIXTURE.
 18. PROVIDE DISHWASHER DRAIN TO ABOVE SINK TRAP AND PROVIDE FLEXIBLE COPPER DOMESTIC HOT WATER COMPLETE WITH SHUT-OFF AND DUC CHECK FOR INSTALLATION OF DISHWASHER.
 19. EXTEND DOMESTIC WATER SERVICE TO THIS POINT AND DISTRIBUTE HOT AND COLD SUPPLY TO EACH FIXTURE IN THE ROOM.
 20. WATER ENTRY. REFER TO DETAIL.
 21. PIPE SLEEVE.
 22. CONNECTS TO SCUPPER. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
 23. CONNECTS TO GENERATOR. REFER TO AS-BUILT MECHANICAL DRAWINGS FOR DETAILS.
 24. CONNECTS TO MECHANICAL ROOM. REFER TO AS-BUILT MECHANICAL DRAWINGS FOR DETAILS.

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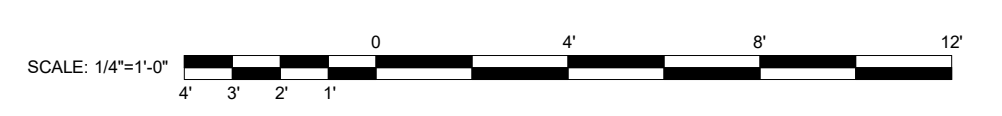


project
CITY OF SALMON ARM - FIRE HALL #2 BUILDING ADDITION
 200 - 30th Street SE
 Salmon Arm, BC


drawing title
MAIN FLOOR PLAN PLUMBING LAYOUT

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

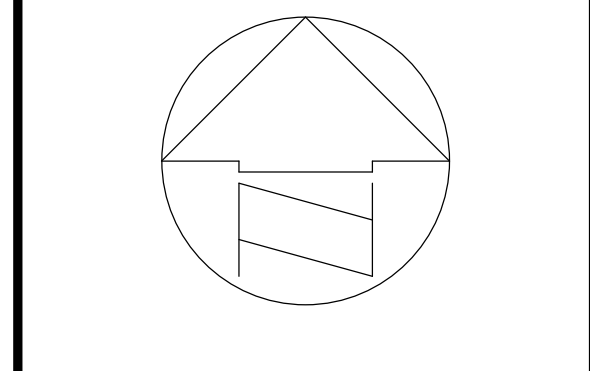
drawing no.
M1.1





- DRAWING NOTES APPLY WHERE INDICATED: 
1. REFER TO DETAIL.
 2. GAS PRV FROM 34 kPa TO 3.5 kPa (5 PSI TO 14" w.c.) CW ISOLATION VALVE MAINTAIN MINIMUM 3048mm (10'-0") CLEARANCE FROM ALL AIR INTAKES.
 3. CAP FOR FUTURE.
 4. GOOSENECK, SEE DETAIL.
 5. ROOF ACCESS.
 6. NEW LOCATION OF EXISTING RELOCATED ITEM.
 7. PVC SYSTEM 15 RADON EXHAUST PIPE, CONNECT TO PIT PROVIDED BY GENERAL TRADE AND TERMINATE ON ROOF, MAINTAIN 7.6m (25') FROM ALL AIR INTAKES.
 8. CAP EXISTING IN THIS APPROXIMATE LOCATION.
 9. CONNECT TO EXISTING IN THIS APPROXIMATE LOCATION.
 10. 1FT DISTANCE FROM BUILDING VENT AS REQUIRED BY CODE.

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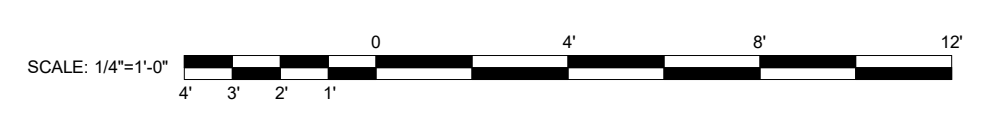
FALCON
ENGINEERING
INGENUITY DELIVERED
200-730 Vaughan Ave. Kelowna, BC V1Y 7E4 250.762.9993 www.falcon.ca
Permit to Practice: 1001295

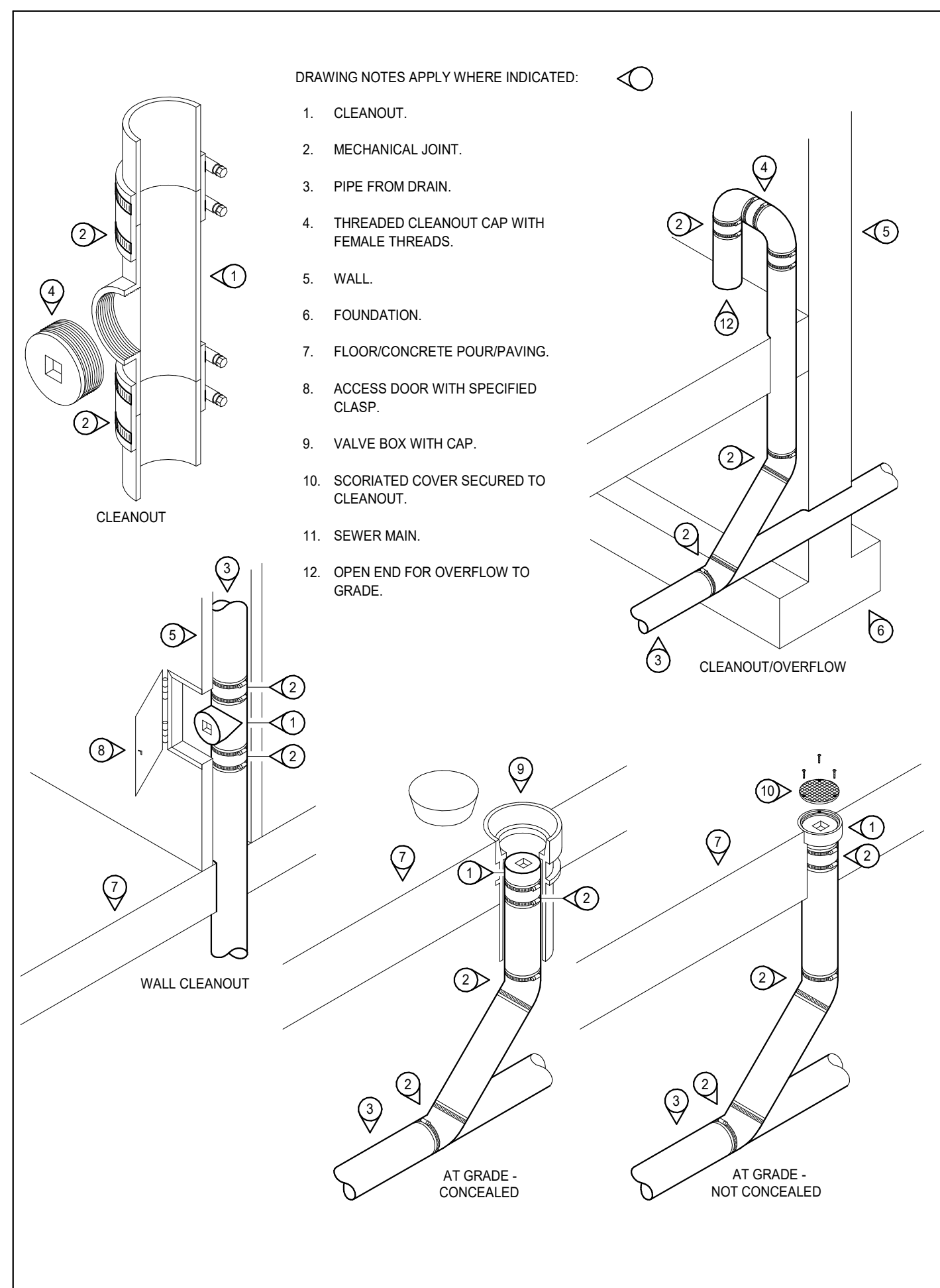
project
CITY OF SALMON ARM -
FIRE HALL #2 BUILDING
ADDITION
200 - 30th Street SE
Salmon Arm, BC

drawing title
ROOF FLOOR PLAN
MECHANICAL LAYOUT

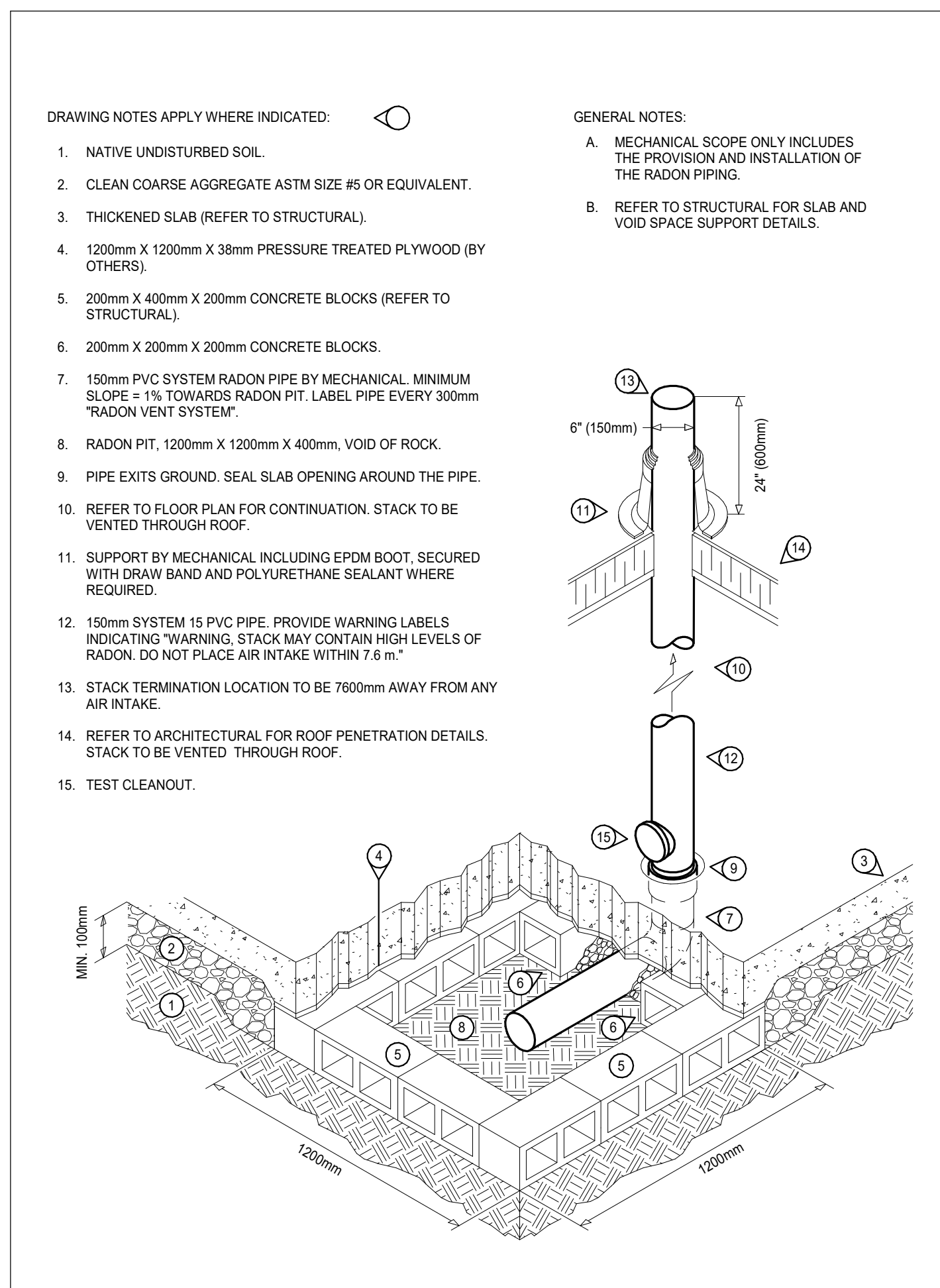
date	dr. by	AS
MARCH 2024		
scale	des. by	MH
1/4" = 1'-0"		
job no	eor	MH
24010.001		
	rev. by	

drawing no.
M1.2

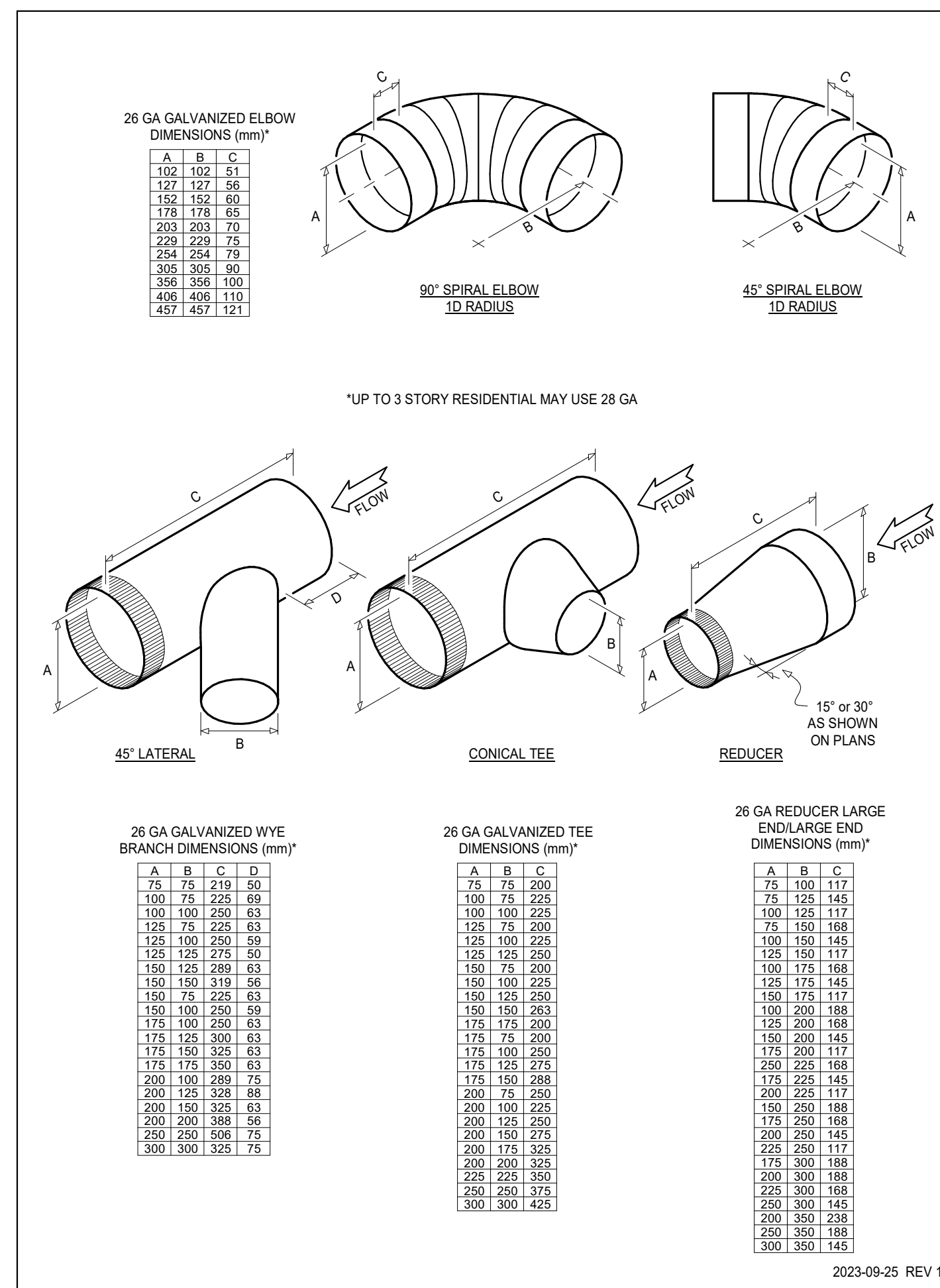




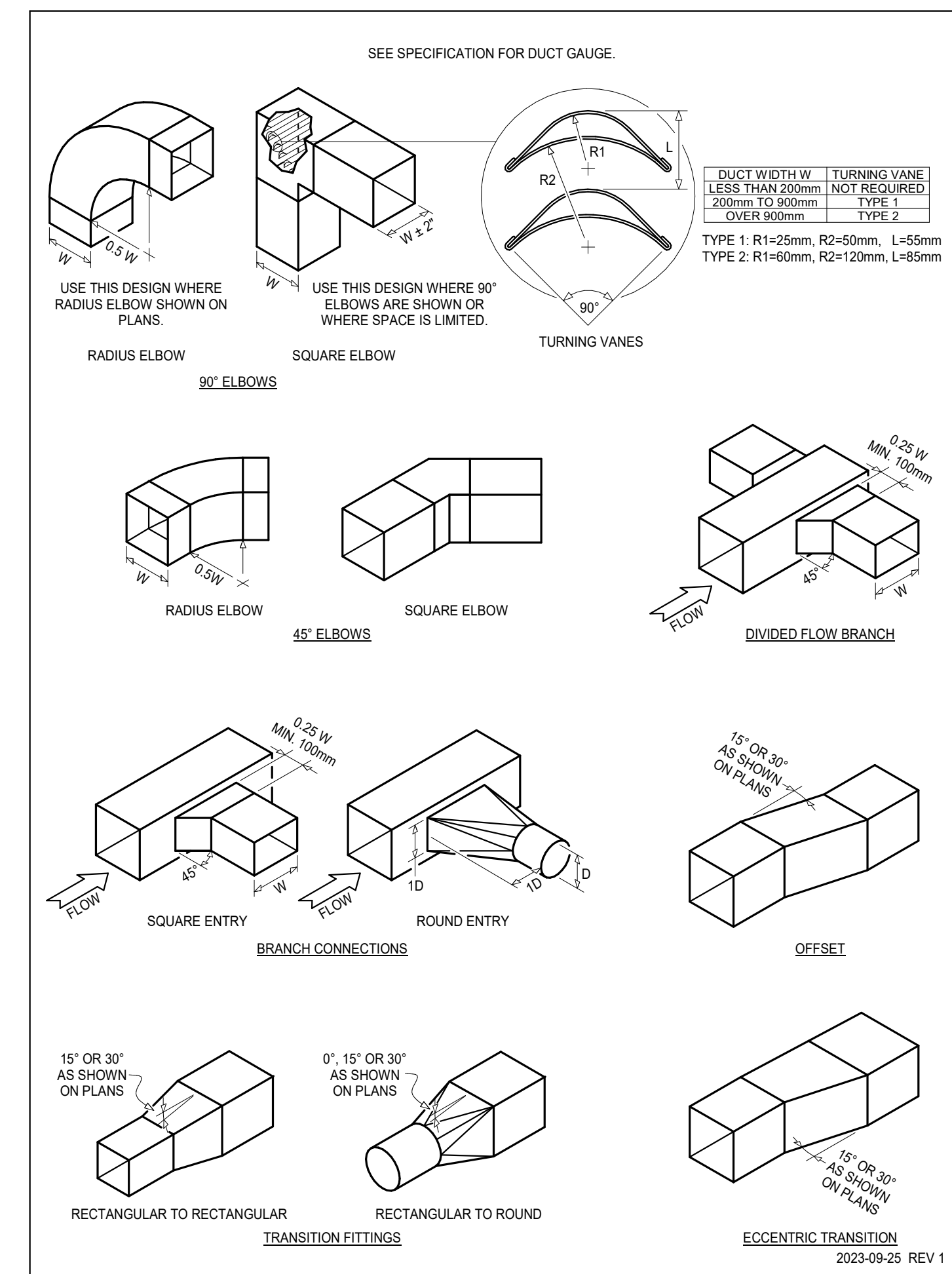
1 PIPING - CLEANOUTS



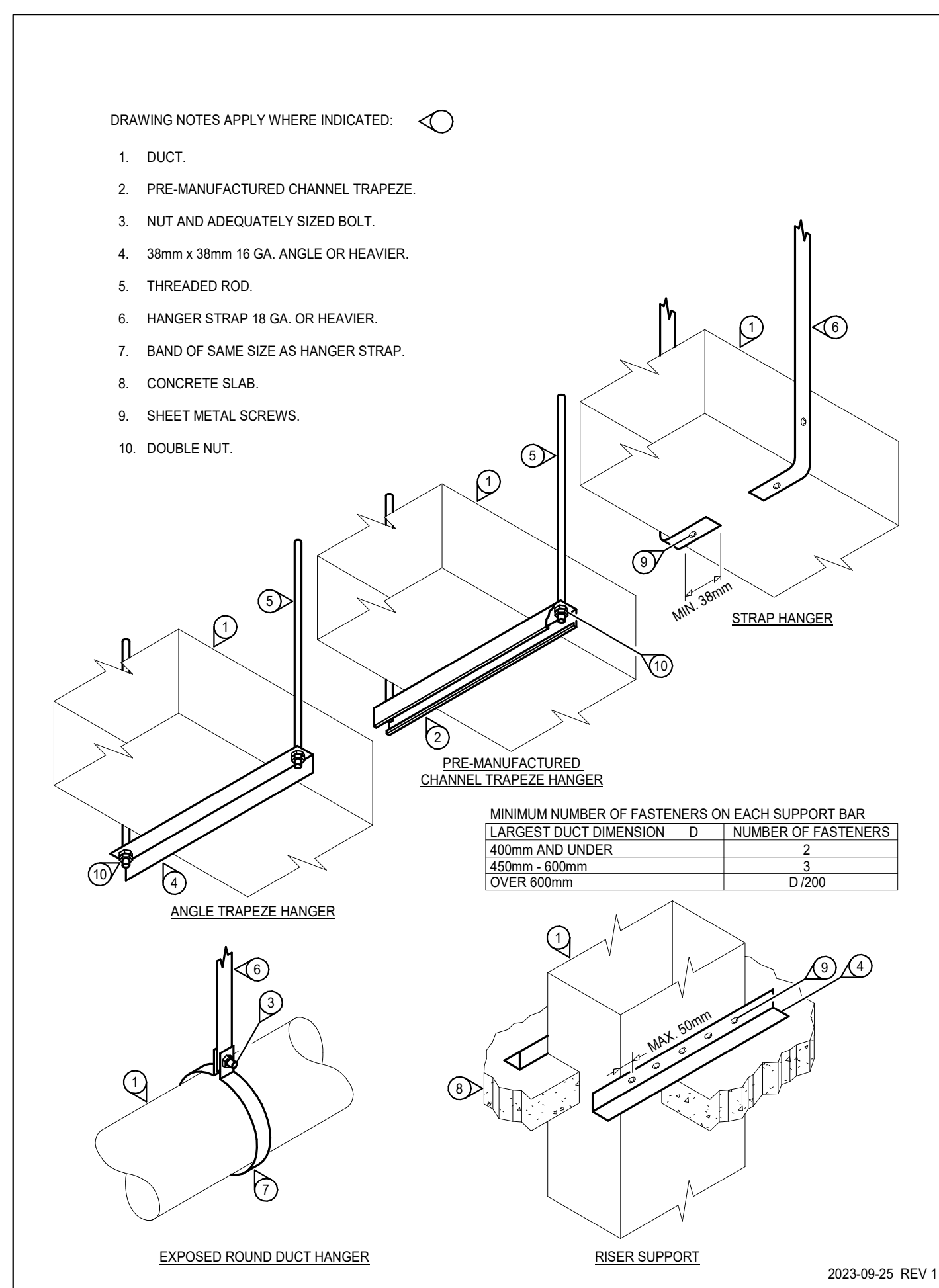
2 PIPING - RADON SYSTEMS



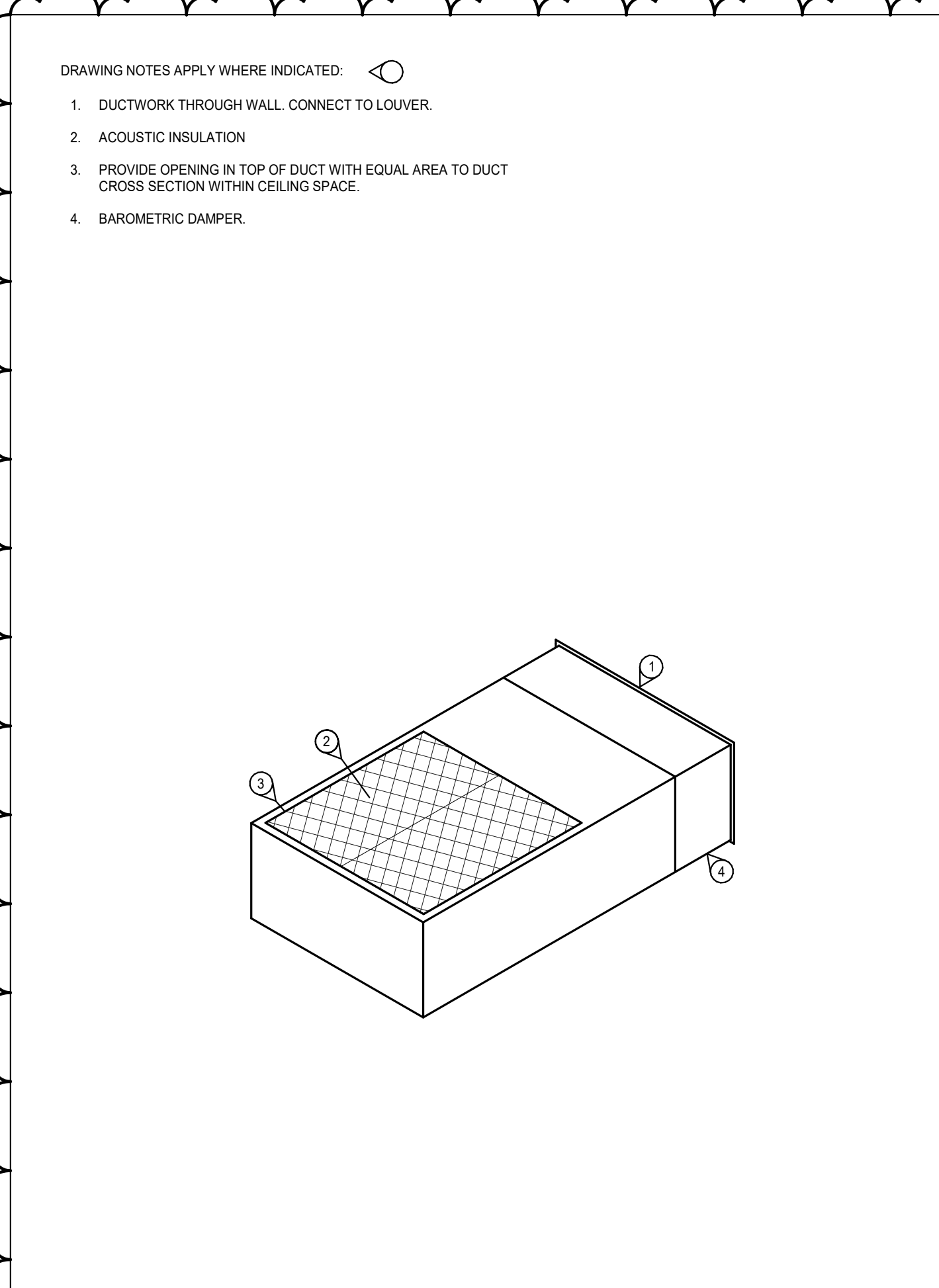
3 DUCTWORK - LOW VELOCITY - ROUND FITTINGS



4 DUCTWORK - LOW VELOCITY - SQUARE FITTINGS



5 DUCTWORK - SUPPORT



6 ARCTIC TRAP

no.	date	issued
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project
CITY OF SALMON ARM - FIRE HALL #2 BUILDING ADDITION

200 - 30th Street SE
Salmon Arm, BC

drawing title

DETAILS

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

drawing no.

M3.0

Salmon Arm FireHall #2 Addition
Fan Schedule

	Refer to CA-2									
Ident	EF-100-2	CF-100-3	EF-100	EF-101	EF-103	EF-104	EF-105	EF-106		
Status	New	New	Existing	Existing	Existing	Existing	Existing	Existing		
Location	New Truck Bay	New Truck Bay	Existing Truck Bay	Hose Tower 101	H.C./Women 103	Crew Room 104	Roof	Men 106		
Service	New Truck Bay	New Truck Bay	Existing Truck Bay	Hose Tower 101	H.C./Women 103	Crew Room 104	Kitchen 105	Men 106		
Description	Vehicle Exhaust Fan	Ceiling Fan								
Manufacturer	Nederman	Canarm		Penn	Penn	Penn	Penn	Penn		
Model	N27	CP60D11N		Z8H	Z8H	Z8H	DX10S	Z8S		
Nominal Size	-	-		-	-	-	-	-		
Air Flow cfm	Variable	8945		340	160	340	255	225		
External Air Pressure Drop in wc	N/A	-		0.25	0.25	0.25	0.25	0.25		
Width in	24	-								
Length in	24	-								
Height in	18	16								
Diameter in	-	60								
Weight lbs	40	19								
Motor HP	2	Fractional		30	25	25	30	30		
Voltage/Phase	208-230/3/60	120/1		120/1	120/1	120/1	120/1	120/1		
Accessories And Notes	<ul style="list-style-type: none"> • Centrifugal Fan • 240/1 Supply voltage • VFD Model VFD-C for 5 hp motors: 230/3/60 • 2x Generation 3 Radio Transmitter for vehicle • Flange Adapter & Gasket • Support Bracket c/w inlet adaptor, inlet & outlet guard net • Generation 3 Radio Receiver for automatic start/stop 		<ul style="list-style-type: none"> • Interlock with existing ceiling fans 		<ul style="list-style-type: none"> • Local Control 		<ul style="list-style-type: none"> • Time Delay Off Switch • Local Control 		<ul style="list-style-type: none"> • Local Control • Time Delay Off Switch 	
	<ul style="list-style-type: none"> • Exhaust Fan C/W Magnail accessories: • 2x MagnaRail 920 33' horizontal unit c/w busbar, brackets, trolley stop, end caps, and transformer • 2x Shock absorber for trolley stop on exhaust rail • 2x MagnaRail Extraction Unit, 6.25" dia x 10' • 2x HB Nozzle for low level exhaust 									

Salmon Arm FireHall #2 Addition
Fan Schedule

	CF-100-1	CF-100-2
Ident	Existing	Existing
Status	Existing	Existing
Location	Existing Truck Bay	Existing Truck Bay
Service	Existing Truck Bay	Existing Truck Bay
Description	Ceiling Fan	Ceiling Fan
Manufacturer	-	-
Model		
Nominal Size		
Air Flow cfm		
External Air Pressure Drop in wc		
Width in		
Length in		
Height in		
Diameter in		
Weight lbs		
Motor HP		
Voltage/Phase		
Accessories And Notes		