

SYMBOL SCHEDULE	
	ELBOW DOWN
	ELBOW UP
	TEE DOWN
	TEE UP
	FLOW DIRECTION
	P-TRAP
	GATE VALVE
	BALL VALVE
	PLUG VALVE
	CHECK VALVE
	BALANCING VALVE
	2-WAY CONTROL VALVE
	3-WAY CONTROL VALVE
	PRESSURE REDUCING VALVE
	STRAINER
	BACKFLOW DEVICE
	PIPE BREAK
	CLEANOUT AT GRADE
	PIPE CAP
	PIPE UNION
	HOSE BIB
	PUMP
	RELIEF VALVE
	AIR VENT
	PRESSURE GAUGE
	THERMOMETER
	DIFFERENTIAL PRESSURE REGULATOR
	PIPE TO DRAIN
	FLOOR DRAIN
	FUNNEL FLOOR DRAIN
	SANITARY DRAIN
	STORM DRAIN
	SANITARY - BELOW GRADE
	STORM - BELOW GRADE
	DRAIN TILE (PERFORATED)
	GAS - PROPANE
	SANITARY VENT
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRC.
	HEATING WATER SUPPLY
	HEATING WATER RETURN
	REFRIGERANT SUPPLY
	REFRIGERANT RETURN
	SUPPLY AIR DUCT
	RETURN AIR DUCT
	EXHAUST AIR DUCT
	ROUND DUCT BREAK
	DUCT ACOUSTIC INSULATION
	SQUARE ELBOW WITH TURNING VANES
	ROUND ELBOW, r/W = 1.5
	ROUND DUCT UP
	ROUND DUCT DOWN
	FLOOR GRILLE
	BALANCING DAMPER
	SUPPLY AIR DIFFUSER / GRILLE
	RETURN GRILLE
	EXHAUST GRILLE
	CABINET EXHAUST FAN
	FIRE DAMPER IN VERTICAL DUCT
	FIRE DAMPER IN HORIZONTAL DUCT
	AIRFLOW DIRECTIONAL ARROW
	THERMOSTAT
	DETAIL DESIGNATION
	DRAWING TO FIND DETAIL
	EQUIPMENT IDENTIFIER - REFER TO EQUIPMENT SCHEDULES FOR NEW EQUIPMENT.
	GRILLE TYPE - REFER TO EQUIPMENT SCHEDULES.
	INLET SIZE
	AIRFLOW (CFM)
	PIPE INVERT RELATIVE TO REFERENCE FLOOR ELEVATION

2xTOWNHOUSE W/GUEST SAN SUMMARY	
TOTAL SANITARY LOAD = 53 FU - 4"ø @ 2% CONNECTION	

2xTOWNHOUSE W/SUITE SAN SUMMARY	
TOTAL SANITARY LOAD = 60 FU - 4"ø @ 2% CONNECTION	

BUILDING STORM LOAD SUMMARY	
TOTAL STORM LOAD = 3,480 L (2x TOWNHOUSE & 2x FRONT STUDIO/GUEST BEDROOM)	

2xTOWNHOUSE W/GUEST DCW SUMMARY	
RESIDENTIAL DOMESTIC WATER LOAD	50.8 FU (29.24 GPM)
TOTAL DOMESTIC WATER LOAD = 50.8 FU (29.24 GPM) - 2"ø CONNECTION	

2xTOWNHOUSE W/SUITE DCW SUMMARY	
RESIDENTIAL DOMESTIC WATER LOAD	56.4 FU (30.92 GPM)
TOTAL DOMESTIC WATER LOAD = 56.4 FU (30.92 GPM) - 2"ø CONNECTION	

TOWNHOUSE W/GUEST GAS SUMMARY	
GAS PRESSURE 2 PSIG - MAX LENGTH: 90 FT	
FIRE PLACE	28.5 MBH
BARBEQUE	50.0 MBH
GAS COOKTOP	41.4 MBH
MAIN WATER HEATER	199.9 MBH
GUEST ROOM WATER HEATER	120.0 MBH
TOTAL GAS LOAD = 439.8 MBH - 3/4"ø CONNECTION	

TOWNHOUSE W/SUITE GAS SUMMARY	
GAS PRESSURE 2 PSIG - MAX LENGTH: 90 FT	
FIRE PLACE	28.5 MBH
BARBEQUE	50.0 MBH
GAS COOKTOP	41.4 MBH
MAIN WATER HEATER	199.9 MBH
TOTAL GAS LOAD = 319.8 MBH - 1/2"ø CONNECTION	

DRAWING LIST		
DWG #	TITLE	SCALE
M0.0	COVER PAGE	3/16"=1'
M1.1	FOUNDATION - PLUMBING	3/16"=1'
M1.2	GROUND FLOOR - PLUMBING	3/16"=1'
M1.3	SECOND FLOOR - PLUMBING	3/16"=1'
M1.4	ROOF PLAN - PLUMBING	3/16"=1'
M2.1	FOUNDATION - HVAC	3/16"=1'
M2.2	GROUND FLOOR - HVAC	3/16"=1'
M2.3	SECOND FLOOR - HVAC	3/16"=1'
M2.4	ROOF PLAN - HVAC	3/16"=1'
M3.1	SCHEDULES	N.T.S.
M4.1	DETAILS	N.T.S.
M4.2	DETAILS	N.T.S.

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ENGINEERING LTD.
Vancouver • Langley • Victoria • Nanaimo • Kelowna • Kamloops • Nelson

Kamloops Office
202-1339 McGill Road
Kamloops, BC V2C 6K7

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Tel: (778) 471-6472

SUB-CONSULTANT:

KEYPLAN:

42024.10.07ISSUED FOR CONSTRUCTIONJRM

32024.06.05ISSUED FOR TENDERJRM

22024.05.17FOR BUILDING PERMIT REVIEWJRM

12024.05.03ISSUED FOR DESIGN COORDINATIONJRM

No. DATE DESCRIPTION BY

REVISIONS:

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SEAL:

PROFESSIONAL
ENGINEER
J. R. MacSWEENEY
53496
BRITISH COLUMBIA
PERMIT TO PRACTICE #1000700
PERMIT TO PRACTICE #1000700

CLIENT:

PROJECT:
HALLO-NELSON AT GRANVILLE
POINTE - TOWNHOMES LEFT
STAGE 1
123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

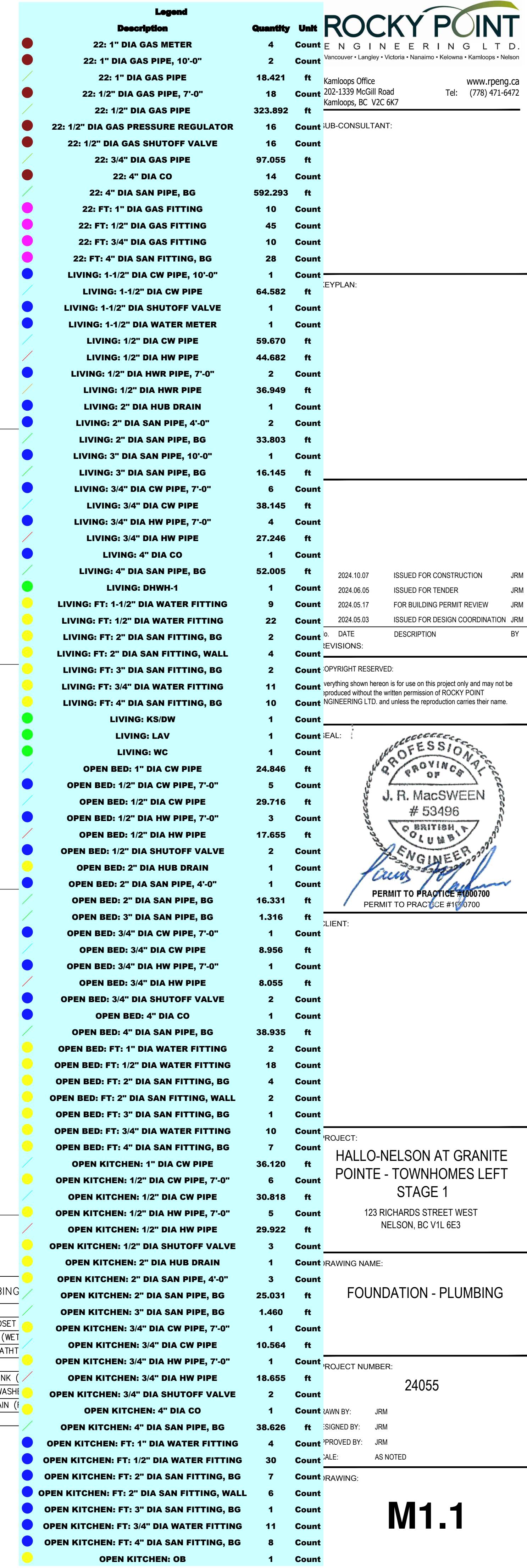
DRAWING NAME:
COVER SHEET

PROJECT NUMBER:
24055

DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
SCALE: AS NOTED

DRAWING:

M0



SUB-CONSULTANT:

KEYPLAN:

2024.10.07 ISSUED FOR CONSTRUCTION JRM
2024.06.05 ISSUED FOR TENDER JRM
2024.05.17 FOR BUILDING PERMIT REVIEW JRM
2024.05.03 ISSUED FOR DESIGN COORDINATION JRM

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SEAL:



CLIENT:

PROJECT:
HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1

123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

DRAWING NAME:

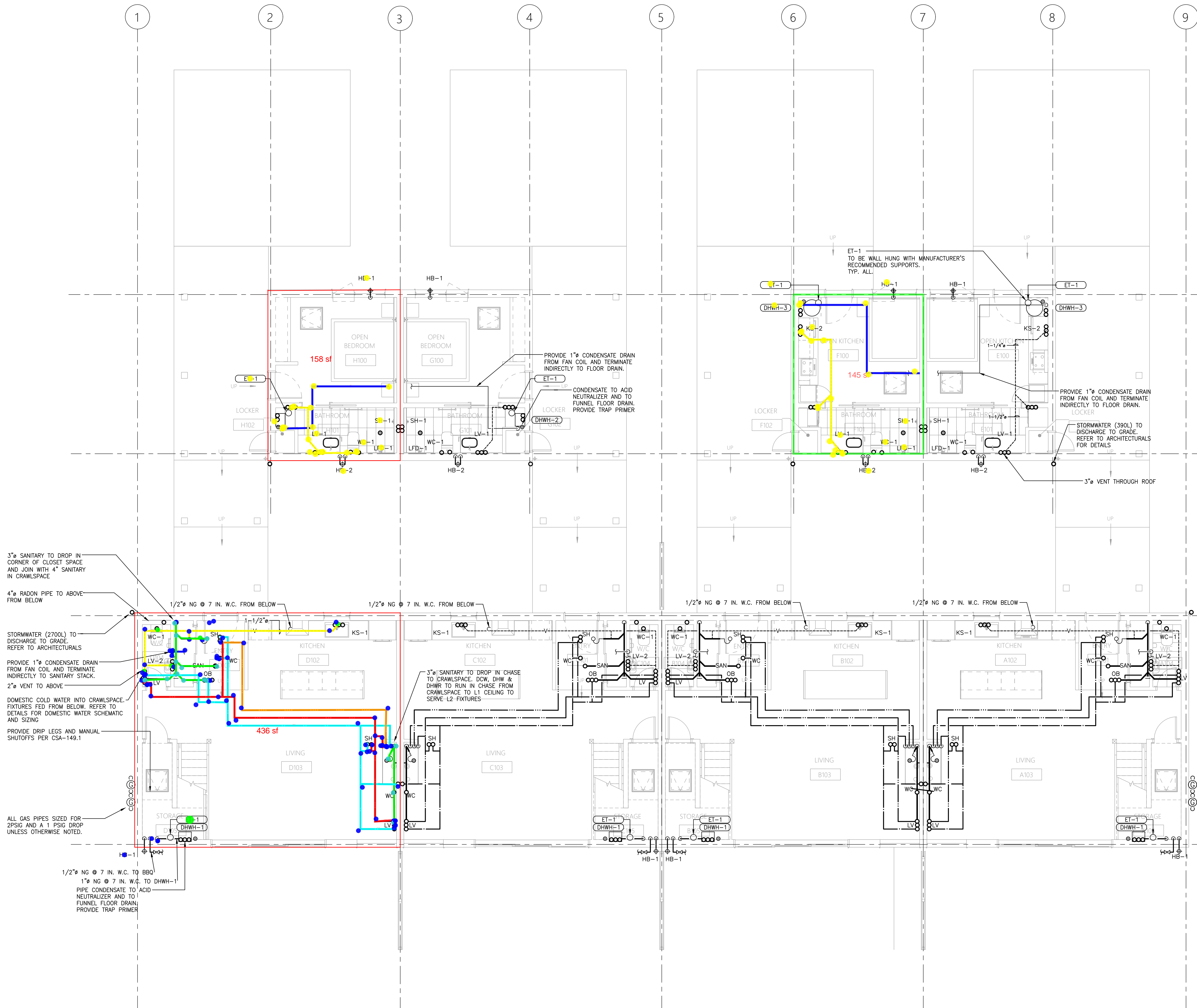
GROUND FLOOR - PLUMBING

PROJECT NUMBER:
24055

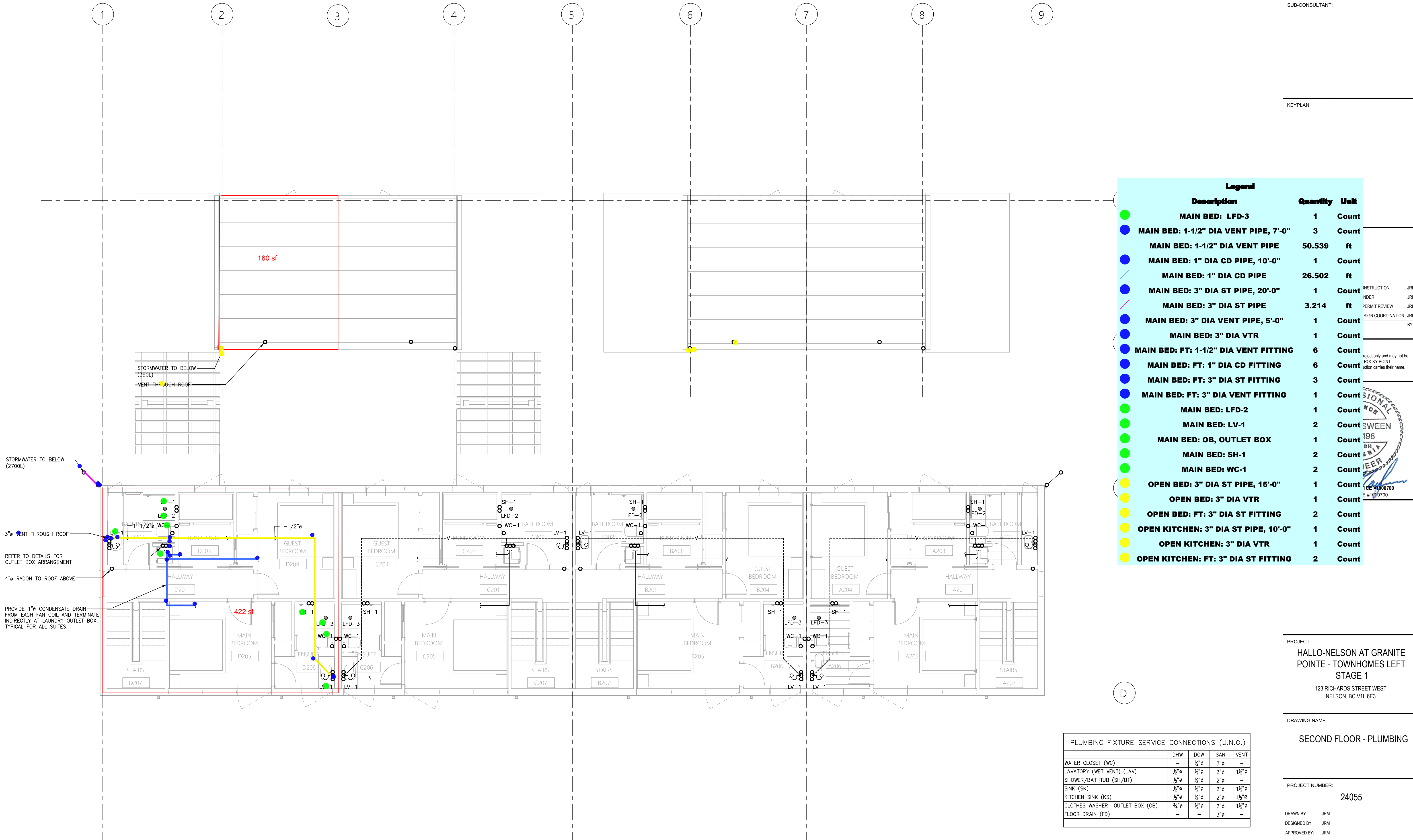
DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
DATE: AS NOTED

DRAWING:

M1.2



1 GROUND FLOOR - PLUMBING
M1.2 SCALE: 3/16" = 1'-0"



1 SECOND FLOOR — PLUMBING
M1.3 SCALE: 3/16" = 1'-0"

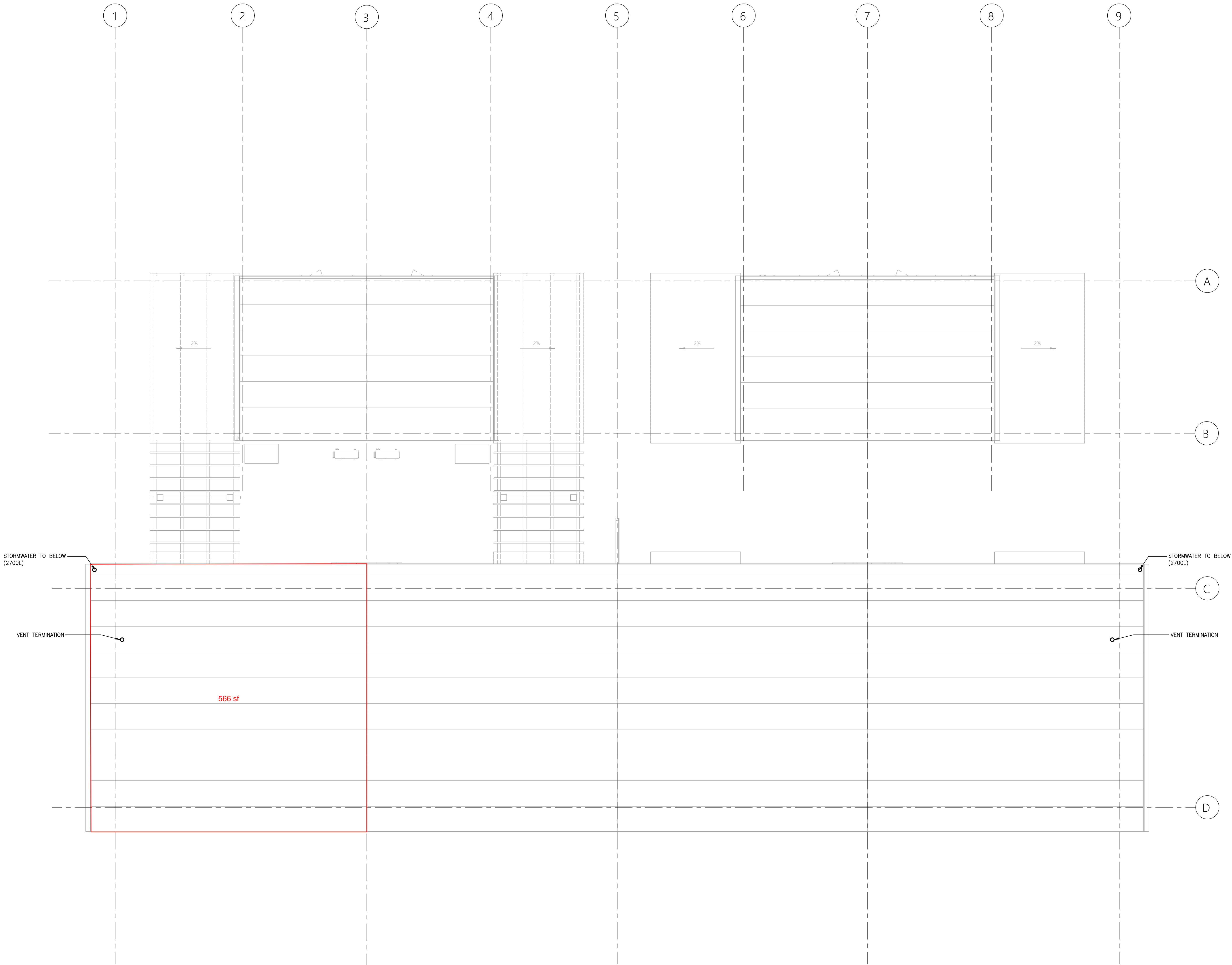
PROJECT:
HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1
123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

DRAWING NAME:
SECOND FLOOR - PLUMBING

PROJECT NUMBER:
24055

DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
SCALE: AS NOTED
DRAWING:

M1.3

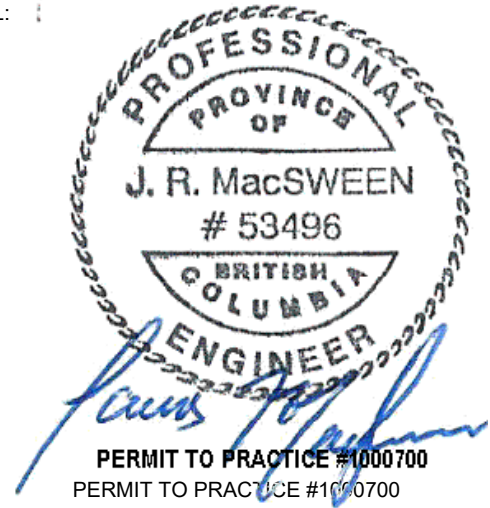


1 ROOF PLAN -- PLUMBING
M1.4 SCALE: 3/16" = 1'-0"

4	2024.10.07	ISSUED FOR CONSTRUCTION	JRM
3	2024.06.05	ISSUED FOR TENDER	JRM
2	2024.05.17	FOR BUILDING PERMIT REVIEW	JRM
1	2024.05.03	ISSUED FOR DESIGN COORDINATION	JRM
No.	DATE	DESCRIPTION	BY
REVISIONS:			

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SEAL:



CLIENT:

PROJECT:
HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1
123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

DRAWING NAME:

ROOF PLAN - PLUMBING

PROJECT NUMBER:

24055

DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
SCALE: AS NOTED

DRAWING:

M1.4

4	2024.10.07	ISSUED FOR CONSTRUCTION	J
3	2024.06.05	ISSUED FOR TENDER	J
2	2024.05.17	FOR BUILDING PERMIT REVIEW	J
1	2024.05.03	ISSUED FOR DESIGN COORDINATION	J
No.	DATE	DESCRIPTION	E

REVISIONS:

Legend			
	Description	Quantity	Unit
●	23: U-1: DAMPER: 4" DIA MVD	1	Count
●	23: U-1: DUCT-EA: 4" DIA EA, 10'	1	Count
●	23: U-1: GRILLE: E-1, 6" X 5", CFM: 15	1	Count
✓	23: U-1: PIPE: REFRIGERANT LINE LIQUID AND SUCTION PIPE	8.331	ft
●	23: U-2: DAMPER: 4" DIA MVD	1	Count
●	23: U-2: DUCT-EA: 4" DIA EA, 10'	1	Count
●	23: U-2: GRILLE: E-1, 6" X 5", CFM: 15	1	Count
✓	23: U-2: PIPE: REFRIGERANT LINE LIQUID AND SUCTION PIPE	22.200	ft
✓	23: U-3: DAMPER: 4" DIA MVD	1	Count
✓	23: U-3: PIPE: REFRIGERANT LINE LIQUID AND SUCTION PIPE	8.342	ft

PROJECT:

HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1

123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

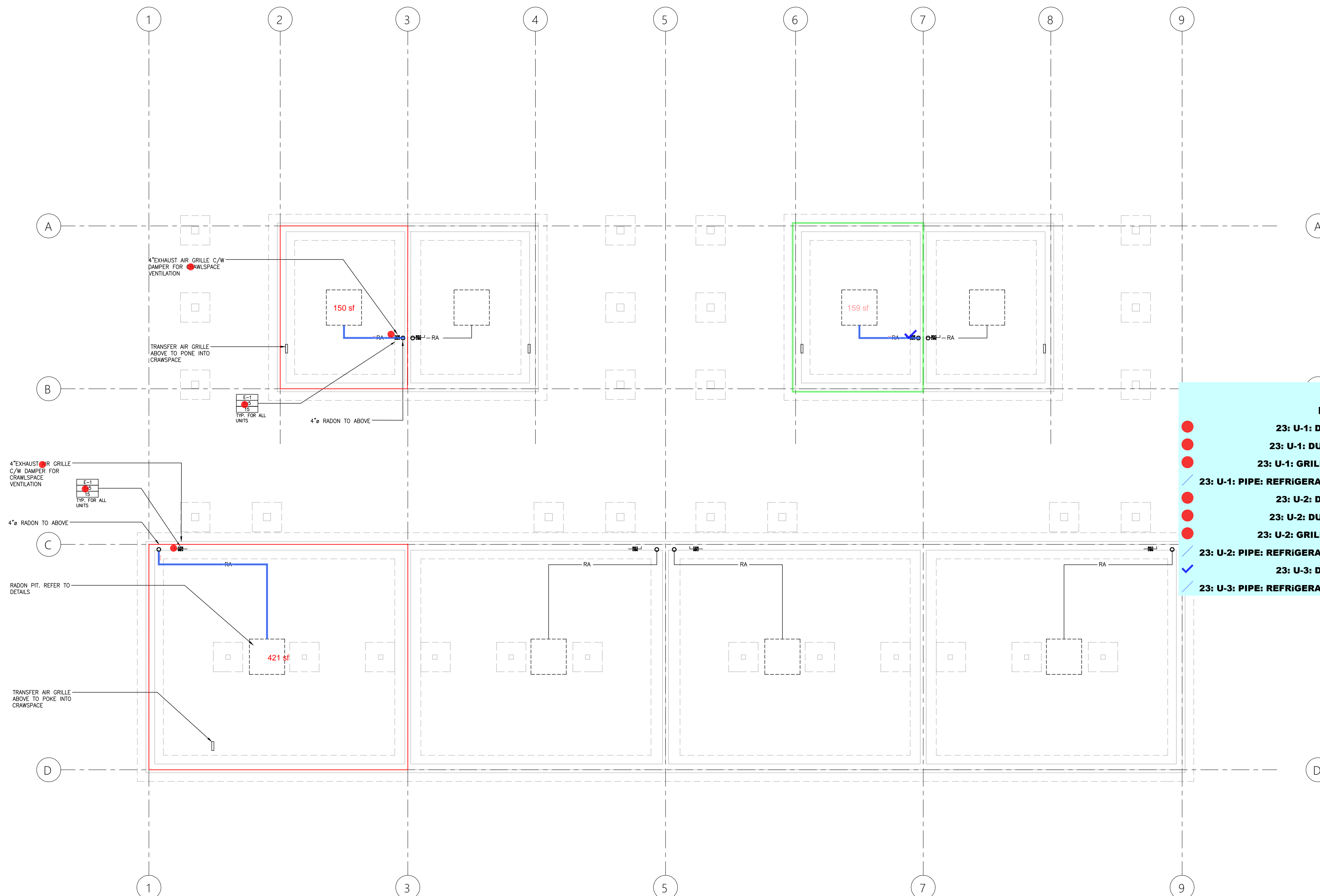
DRAWING NAME:

FOUNDATION - HVAC

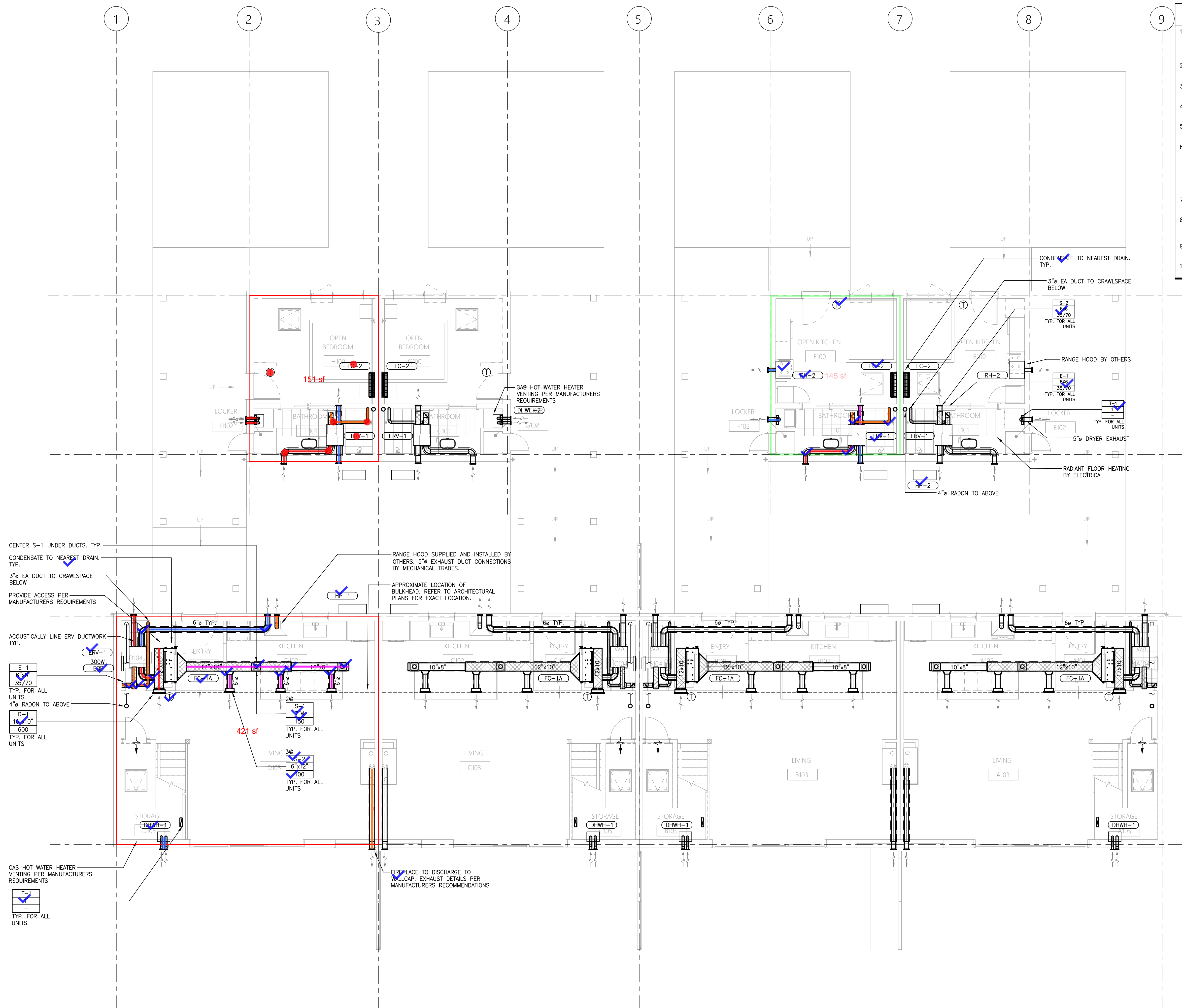
PROJECT NUMBER: 24055

DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
SCALE: AS NOTED

DRAWING:



1 FOUNDATION – HVAC
M2.1 SCALE: 3/16" = 1'-0"



1 GROUND FLOOR — HVAC
M2.2 SCALE: 3/16" = 1'-0"

Legend		Quantity	Unit
Description			
23: U-1: DUCT-OA: 6" DIA OA		2.04	ft
23: U-1: DUCT-RA: 6" DIA RA		6.79	ft
23: U-1: DUCT-SA: 6" DIA SA		2.10	ft
23: U-1: DUCT-TEA: 3" DIA TEA		5.25	ft
23: U-1: DUCT-TEA: 6" DIA TEA		1.32	ft
23: U-1: DV: THERMOSTAT		1	Count
23: U-1: EQ: EVR-1		1	Count
23: U-1: EQ: FC-2		1	Count
23: U-1: PIPE: 3" DIA GAS PIPE		2.40	ft
23: U-1: TRANS-RA: 6" DIA ELBOW		2	Count
23: U-1: TRANS-TEA: 3" DIA ELBOW		1	Count
23: U-1: TRANS-TEA: 3" DIA SIDE		1	Count
23: U-2: DUCT-EA: 3" DIA EA		8.15	ft
23: U-2: DUCT-EA: 6" DIA EA		12.35	ft
23: U-2: DUCT-KEA: 4" DIA KEA		1.42	ft
23: U-2: DUCT-RA: 6" DIA RA		2.42	ft
23: U-2: DUCT-RA: 6" DIA RA		3.54	ft
23: U-2: DUCT-RA: 12" X 10" RA		4.64	ft
23: U-2: DUCT-SA: 6" DIA SA		4.68	ft
23: U-2: DUCT-SA: 6" DIA SA		17.35	ft
23: U-2: DUCT-SA: 10" X 8" SA		6.40	ft
23: U-2: DUCT-SA: 12" X 10" SA		11.52	ft
23: U-2: DV: THERMOSTAT		1	Count
23: U-2: EQ: DHWH-1		1	Count
23: U-2: EQ: EBB		1	Count
23: U-2: EQ: ERV-1		1	Count
23: U-2: EQ: FC-1A		1	Count
23: U-2: EQ: HP-1		1	Count
23: U-2: GRILLE: E-1, 6" X 6", CFM: 35/70		1	Count
23: U-2: GRILLE: R-1, 16" X 10", CFM: 600		1	Count
23: U-2: GRILLE: S-1, 12" X 12", CFM: 150		2	Count
23: U-2: GRILLE: S-2, 6" X 12", CFM: 100		3	Count
23: U-2: GRILLE: T-1, 12"-0"		1	Count
23: U-2: PIPE: 3" DIA GAS PIPE		2.72	ft
23: U-2: PIPE: 3/4" DIA CONDENSATE DRAIN PIPE, 10'		1	Count
23: U-2: TRANS-EA: 6" DIA EXHAUST AIR WALL CAP		1	Count
23: U-2: TRANS-OA: 6" DIA ELBOW		2	Count
23: U-2: TRANS-RA: 6" DIA SIDE		1	Count
23: U-2: TRANS-SA: 6" DIA SIDE		3	Count
23: U-2: TRANS-SA: 7" DIA SIDE		2	Count
23: U-2: TRANS-SA: 12" X 10" TO 10" X 8" REDUCER		1	Count
23: U-2: TRANS-TEA: 3" DIA ELBOW		1	Count
23: U-2: TRANS-TEA: 3" DIA SIDE		1	Count
23: U-2: TRANS-TEA: 6" DIA SIDE		1	Count
23: U-3: DUCT-DEA: 5" DIA DEA		1.35	ft
23: U-3: DUCT-KEA: 6" DIA KEA		0.83	ft
23: U-3: DUCT-OA: 6" DIA OA		1.95	ft
23: U-3: DUCT-RA: 6" DIA RA		6.65	ft
23: U-3: DUCT-SA: 6" DIA SA		2.10	ft
23: U-3: DUCT-TEA: 3" DIA TEA		5.25	ft
23: U-3: DUCT-TEA: 6" DIA TEA		1.38	ft
23: U-3: DV: THERMOSTAT		1	Count
23: U-3: EQ: 24" X 20" KITCHEN EXHAUST HOOD (BY OTHERS)		1	Count
23: U-3: EQ: ERV-1		1	Count
23: U-3: EQ: FC-2		1	Count
23: U-3: EQ: HP-2		1	Count
23: U-3: EQ: RH-2		1	Count
23: U-3: GRILLE: E-1, 6" X 6", CFM: 35-70		1	Count
23: U-3: GRILLE: S-2, 6" X 6", CFM: 35-70		1	Count
23: U-3: GRILLE: T-1, 12"-0"		1	Count
23: U-3: PIPE: 3/4" DIA CONDENSATE DRAIN PIPE, 10'		1	Count
23: U-3: TRANS-RA: 6" DIA ELBOW		2	Count
23: U-3: TRANS-TEA: 3" DIA ELBOW		1	Count
23: U-3: TRANS-TEA: 3" DIA SIDE		1	Count

SUB-CONSULTANT:

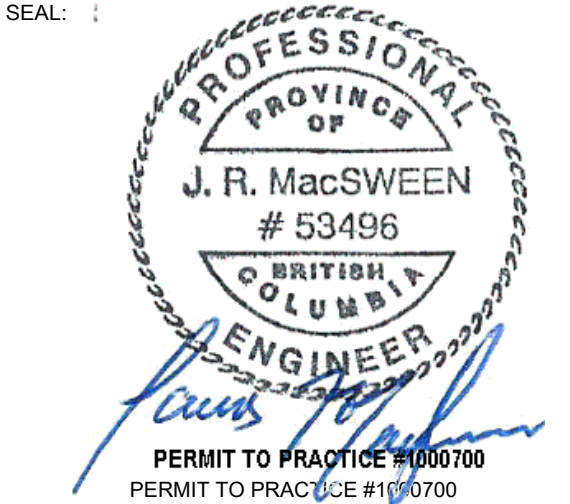
KEYPLAN:

4	2024.10.07	ISSUED FOR CONSTRUCTION	JRM
3	2024.06.05	ISSUED FOR TENDER	JRM
2	2024.05.17	FOR BUILDING PERMIT REVIEW	JRM
1	2024.05.03	ISSUED FOR DESIGN COORDINATION	JRM

No.	DATE	DESCRIPTION	BY
REVISIONS:			

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SEAL:



CLIENT:

PROJECT:
HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1
123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

DRAWING NAME:

SECOND FLOOR - HVAC

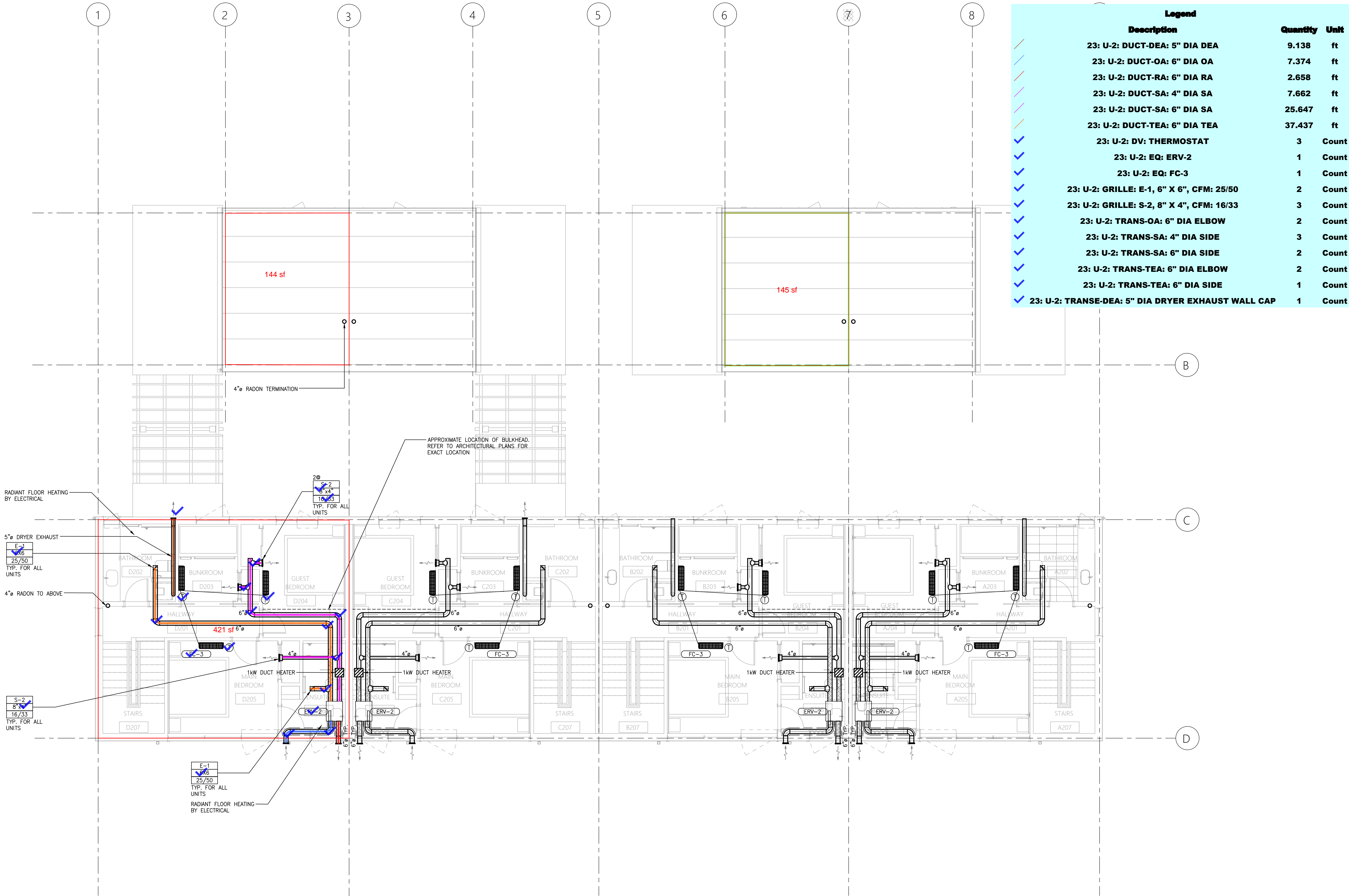
PROJECT NUMBER:

24055

DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
SCALE: AS NOTED

DRAWING:

M2.3



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

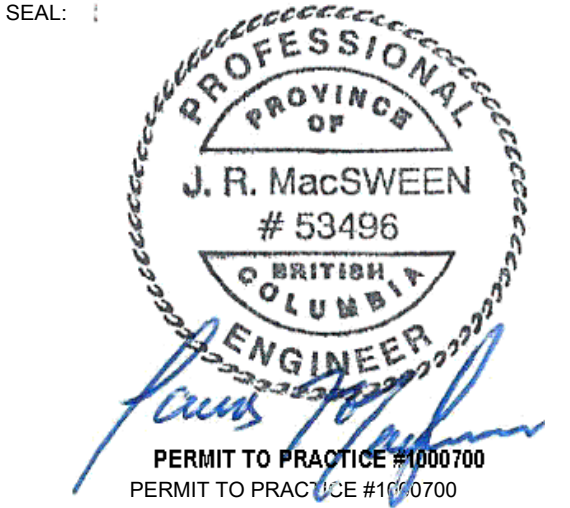
4	2024.10.07	ISSUED FOR CONSTRUCTION	JRM
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2	2024.05.17	FOR BUILDING PERMIT REVIEW	JRM
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No.	DATE	DESCRIPTION	BY

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SEAL:



CLIENT:

PROJECT:

HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1

123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

DRAWING NAME:

ROOF PLAN - HVAC

PROJECT NUMBER:

24055

DRAWN BY: JRM

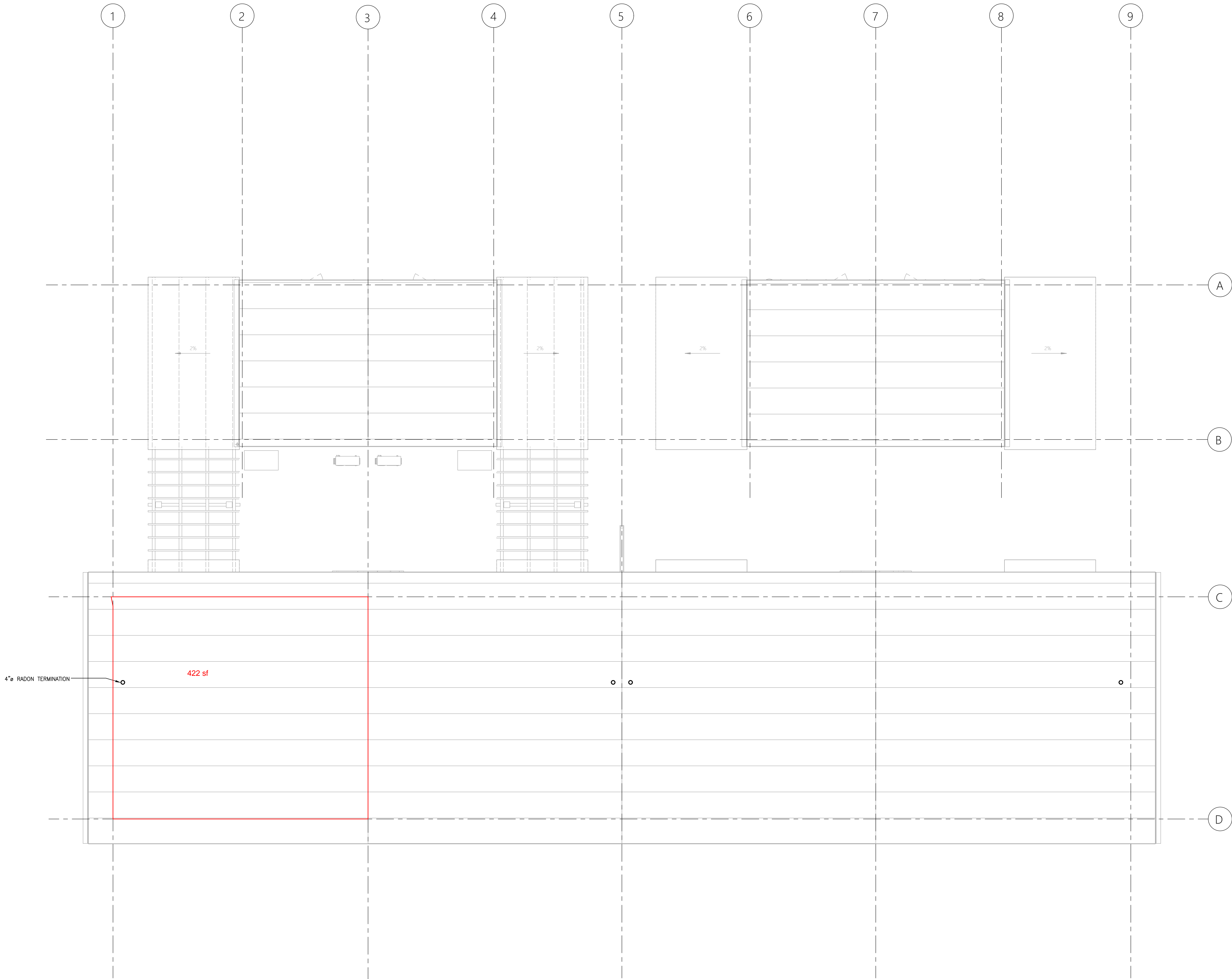
DESIGNED BY: JRM

APPROVED BY: JRM

SCALE: AS NOTED

DRAWING:

M2.4



INDOOR MINI-SPLIT HEAT PUMP UNIT SCHEDULE											
TAG No.	DESCRIPTION	MANUFACTURER	MODEL NO.	SUPPLY AIR		REFRIGERANT	NOMINAL COOLING (MBH)	NOMINAL HEATING (MBH)	ELECTRICAL (V/Ph/Hz)	POWER (WATTS)	REMARKS
				FLOW (cfm) (SPEED L/M/H/Q)	EXT. PRESS. DROP (”W.C.)						
FC-1	GROUND FLOOR SLIM DUCTED FAN COIL	SAMSUNG	AC018BNDCH/AA	350/460/600	0.25	R-410A	18	20	208-230/1/60	80	1,2,5
FC-2	WALL MOUNT DUCTLESS HEAT PUMP	SAMSUNG	AR09CSDABWKNVCV	286/339/392/427	NA	R-410A	9	11	208-230/1/60	40	1,3,7
FC-3	WALL MOUNT DUCTLESS HEAT PUMP	SAMSUNG	AR07CSDAFWKNVCV	258/297/323/350	NA	R-410A	7	7.5	208-230/1/60	27	1,3,7
REMARKS: 1. 24VAC THERMOSTAT ADAPTOR 2. SUPPLY AND INSTALL 7-DAY PROGRAMMABLE HEAT/COOL THERMOSTAT 3. ELECTRIC HEATERS IN THE SAME ROOM TO BE CONTROLLED BY THE SAME THERMOSTAT AS THE HEAT PUMP. ELECTRIC HEATER, LINE VOLTAGE WIRING, AND RELAY TO BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. THERMOSTAT AND LOW VOLTAGE WIRING BY MECHANICAL. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR. 4. INTERLOCK WITH AUXILIARY DUCT HEATER 5. VIBRATION ISOLATION & FLEXIBLE DUCT CONNECTORS 6. COMPLETE WITH AIRZONE WIRED VAF DAMPERS AND THERMOSTAT. 7. COMPLETE WITH MANUFACTURER'S RECOMMENDED CONDENSATE PUMP.											

OUTDOOR MINI-SPLIT HEAT PUMP UNIT SCHEDULE												
TAG No.	INDOOR UNIT	DESCRIPTION	MANUFACTURER	MODEL NO.	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	COOLING SEER/EER	HEATING COP/HSPF	REFRIGERANT	ELECTRICAL (V/Ph/Hz)	MCA	REMARKS
HP-1	FC-1 & FC-3	HEAT PUMP CONDENSING UNIT	SAMSUNG	AJ036XS2CH	34	36.6	20/12.5	4.2/10.5	R-410A	208-230/1/60	36.5	1,2,4,6,7
HP-2	FC-2	HEAT PUMP CONDENSING UNIT	SAMSUNG	AR09CSDACWKXCV	9	11	42.5,15.5	10.5	R-410A	208-230/1/60	20	2,3,5,6
<div>REMARKS:</div> <div><div>1. ROOF MOUNTED UNITS TO BE INSTALLED 24" ABOVE FINISHED ROOF LEVEL MOUNTED ON METAL RACKS c/w FASTENED TO 4"</div><div><div>THICK CONCRETE PADS c/w VIBRATION ISOLATION. METAL RACK TO BE SUPPLIED AND INSTALLED BY MECH CONTRACTOR</div><div>2. DISCONNECT SWITCH</div><div>3. SINGLE ZONE HEAT PUMP</div></div><div><div>4. MULTI-ZONE HEAT PUMP</div><div>5. HEATING OPERATION DOWN TO -4°F</div><div>6. HIGH HEATING CAPACITY DOWN TO -22°F</div><div>7. c/w WALL BRACKET FOR EXTERIOR WALL MOUNTING</div></div></div>												

ENERGY RECOVERY VENTILATOR SCHEDULE											
TAG No.	SERVICE	MANUF.	MODEL No.	AIR			ENERGY RECOVERY		MOTOR		REMARKS
				E.S.P. (in. H2O)	SUPPLY AIR (CFM) 100% O/A	EXHAUST AIR (CFM)	COOLING EFF. (%)	HEATING EFF. (%)	ELECTRICAL (V/Ph/Hz)	WATTS	
ERV-1	WC & VENTILATION	PANASONIC	FV-10VEC2R	0.4	55/75	50/70	50%	60%	120/1/60	100	2,3,4,5,7
ERV-2	WC & VENTILATION	PANASONIC	FV-10VEC2R	0.4	55/100	50/100	50%	60%	120/1/60	100	2,3,4,5,7,8
REMARKS: 1. ERV TO BE COMPLETE WITH ELECTRIC DUCT HEATER ON OUTDOOR AIR SUPPLY DUCT C/W SCR CONTROLLER 2. SET TO RUN CONTINUOUSLY AT INDICATED FLOW/ROLLER WITH MANUAL OCCUPANT CONTROLLED BOOST IN WASHROOMS(S) SERVED 3. FLEX DUCT CONNECTORS ON ALL FOUR INLETS/OUTLETS 4. VIBRATION ISOLATION AND SEISMIC AS REQUIRED 5. PROVIDE CONDENSATE PER MANUFACTURERS RECOMMENDATIONS 6. CONTROLLED BY 7-DAY TIMECLOCK SET TO BUSINESS HOURS 7. SET TO RUN 24/7 8. C/W 1kW DUCT HEATER EQUIVALENT TO RENEWARE RH SERIES.											

DOMESTIC HOT WATER HEATER SCHEDULE											
TAG No.	SERVICE	MANUFACTURER	MODEL No.	TYPE	FUEL	INPUT (BTU/HR)	EFF.	ELECTRICAL (V/PH/Hz)	FLOW / RECOVERY RATE	STORAGE CAPACITY US GALLON	REMARKS
DHWH-1	DOMESTIC WATER HEATER	NAVLEN	NPE-240A2	INSTANT	NATURAL GAS	199,900	95%	120/1/60	5.6 GPM @ 67°F RISE	0.5	1,2,4
DHWH-2	DOMESTIC WATER HEATER	NAVLEN	NPE-150S2	INSTANT	NATURAL GAS	120,000	93%	120/1/60	3.4 GPM @ 67°F RISE	0.5	1,4
DHWH-3	DOMESTIC WATER HEATER	RHEEM	CMR40245L	VERTICAL	ELECTRIC	30000w	-	240/1/60	14 GPH @ 90°F RISE	40	3
REMARKS: 1. COMPLETE WITH CONDENSATE NEUTRALIZER KIT PIPED TO DRAIN 2. C/W INTEGRAL RECIRCULATION 3. PIPE T&P RELIEF TO DRAIN 4. C/W FACTORY INTAKE/EXHAUST TERMINATION KIT											

EXPANSION TANK SCHEDULE										
TAG No.	SERVICE	MANUFACTURER	MODEL No.	TYPE	FLUID			DIAMETER (IN.)	HEIGHT (IN.)	NPT FITTING (IN.)
					TYPE	TANK TOTAL VOLUME (GAL)	TANK ACCEPTANCE VOLUME (GAL)			
ET-1	DWHT-1/2/3	AMTROL	THERM-X-TROL ST-5	FIXED DIAPHRAGM	DHW	2	0.9	8	13	¾"

GRILLE & DIFFUSER SCHEDULE	
GRILLE TYPE	DESCRIPTION
SUPPLY AIR	
S-1	E.H. PRICE SPD 12x12
S-2	E.H. PRICE 520D/F/L/A
EXHAUST/TRANSFER/RETURN AIR	
E-1	E.H. PRICE MODEL 80/F/A EGG CRATE GRILLE
R-1	E.H. PRICE 530/F/L/A
R-2	E.H. PRICE MODEL 80/F/A EGG CRATE GRILLE
T-1	E.H. PRICE LFG 15A LINEAR FLOOR GRILLE
<u>REMARKS:</u> NOTE 1: COLOURS SHALL BE AS SELECTED BY THE ARCHITECT. CONFIRM COLOUR SELECTIONS PRIOR TO ORDERING. NOTE 2: GRILLES, DIFFUSERS AND REGISTERS SHALL BE PROVIDED TO CONFORM TO ARCHITECTURAL AND STRUCTURAL DETAILING. CONFIRM: a) STRUCTURAL OPENING SIZES RELATIVE TO GRILLE REQUIREMENTS b) ARCHITECTURAL CEILING GRID MEASUREMENTS (ie. METRIC / IMPERIAL) <u>GENERAL NOTE:</u> ALL GRILLES, DIFFUSERS AND REGISTERS WHICH ARE DUCT CONNECTED ARE TO BE PROVIDED WITH MANUAL DAMPERS AT CONNECTION DUCTS EXCEPT WHERE MANUAL DAMPERS ARE SPECIFIED INTEGRAL TO GRILLES.	

ELECTRIC HEATER SCHEDULE		
EBB-A	□ × × × □	300W ELEC. BB. BY ELEC. (TYP.)
EBB-B	□ × × × × × □	500W ELEC. BB. BY ELEC. (TYP.)
EBB-C	□ × × × × × × □	750W ELEC. BB. BY ELEC. (TYP.)
EBB-D	□ × × × × × × × □	1000W ELEC. BB. BY ELEC. (TYP.)
EBB-E	□ × × × × × × × × □	1250W ELEC. BB. BY ELEC. (TYP.)
EBB-F	□ × × × × × × × × × □	1500W ELEC. BB. BY ELEC. (TYP.)
EFF-1	□ ↕ ↔ □	RECESSED ELEC. FF. BY ELEC.

TOWNHOUSE & SUITES	
KS-1 - Single BOWL KITCHEN SINK Per Client's specifications.	
KS-2 - Single BOWL KITCHEN SINK Per Client's specifications.	
LV-1 - WASHROOM LAV Per Client's specifications.	
LV-2 - WASHROOM LAV Per Client's specifications.	
WC-1 - FLOOR MOUNTED TANK TYPE WATER CLOSET Per Client's specifications.	
SH-1 - SUITE SHOWER Per Client's specifications.	
HB-1 - HOSE BIB - COLD Equal to Watts Series FH	
HB-2 - HOSE BIB - HOT & COLD Equal to Acorn 8156-SSLF	

SUB-CONSULTANT:

KEYPLAN:

4	2024.10.07	ISSUED FOR CONSTRUCTION	JRM
3	2024.06.05	ISSUED FOR TENDER	JRM
2	2024.05.17	FOR BUILDING PERMIT REVIEW	JRM
1	2024.05.03	ISSUED FOR DESIGN COORDINATION	JRM
No.	DATE	DESCRIPTION	BY
REVISIONS:			

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SEAL:



CLIENT:

PROJECT:
HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1
123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

DRAWING NAME:

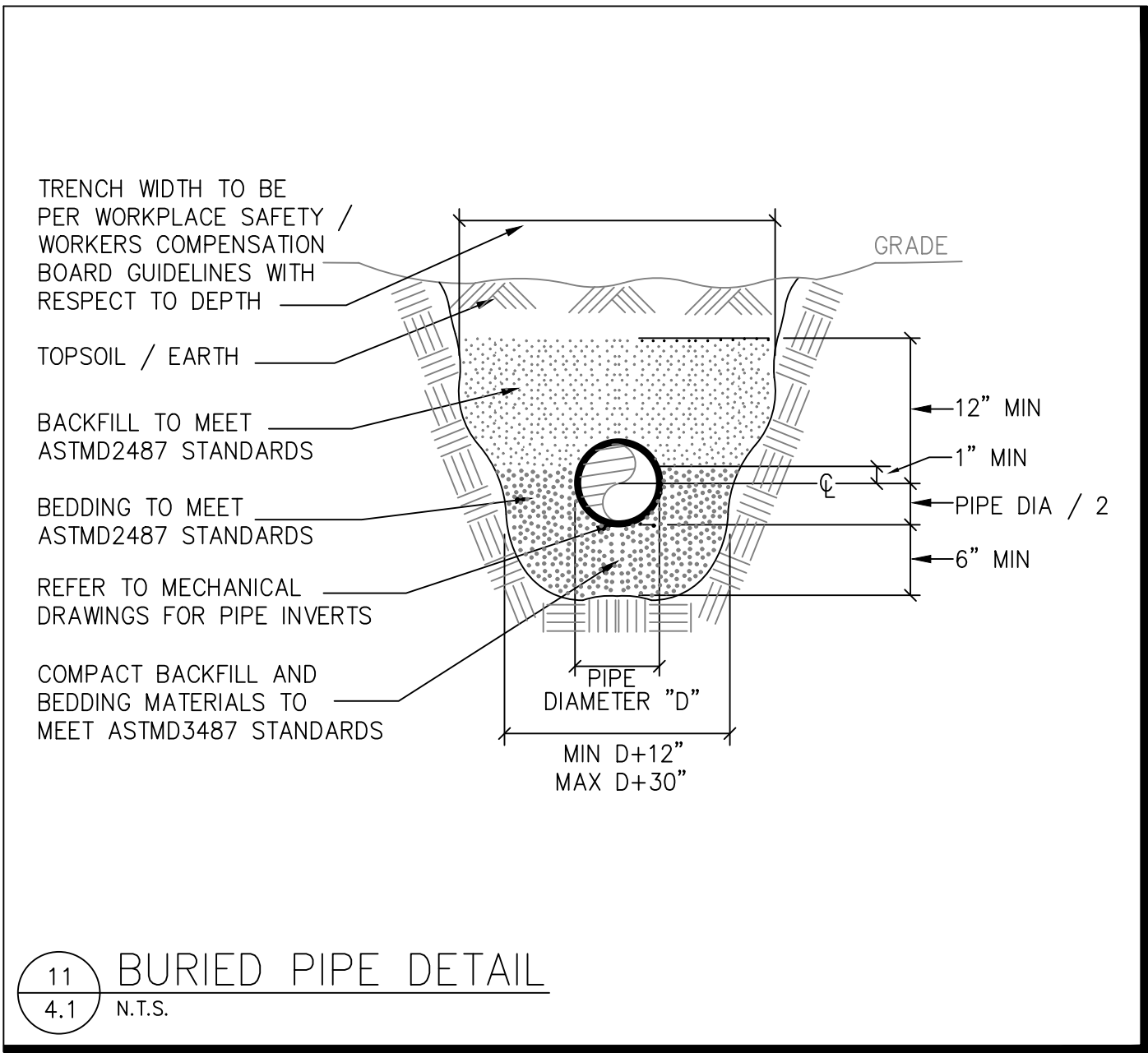
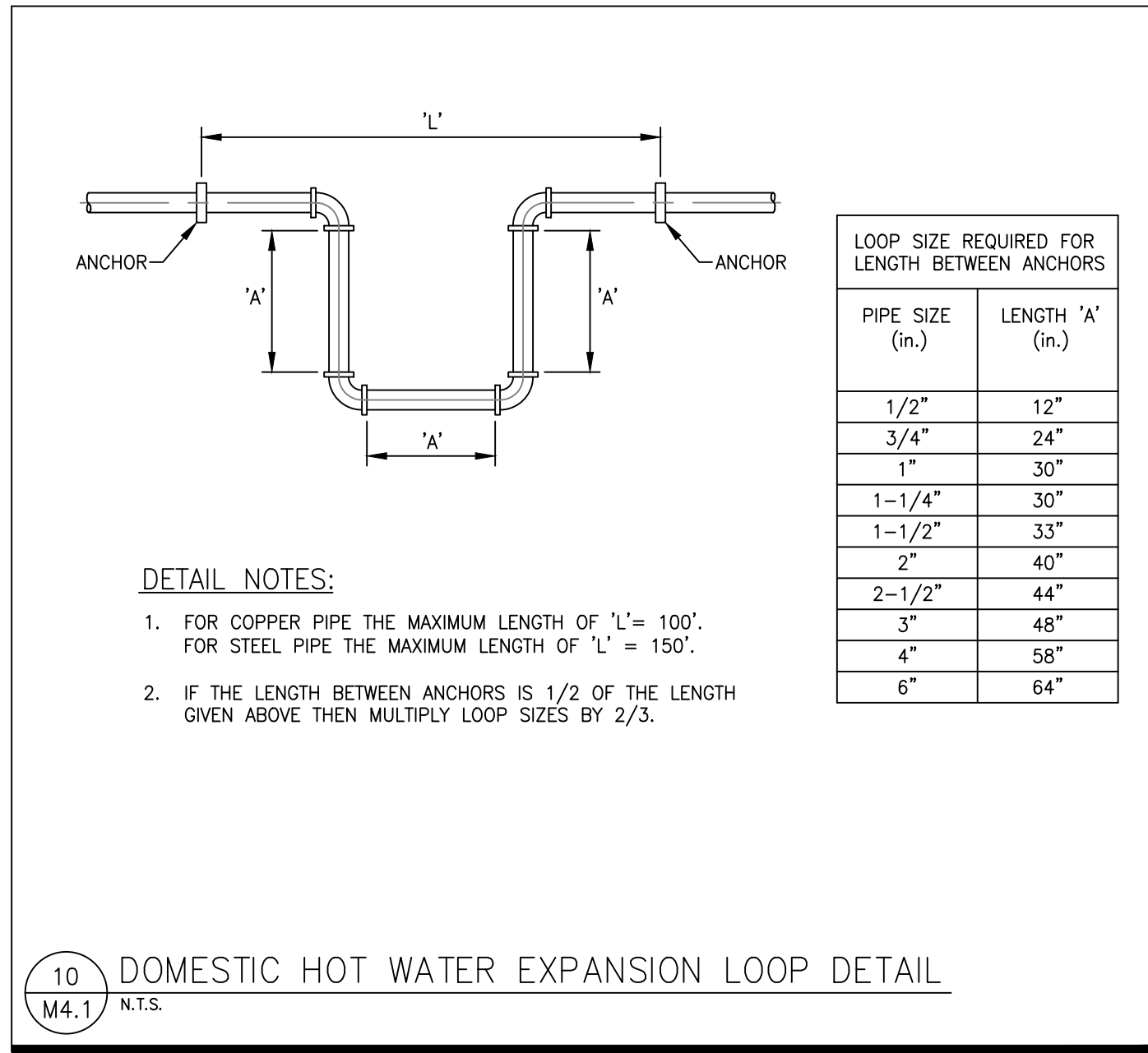
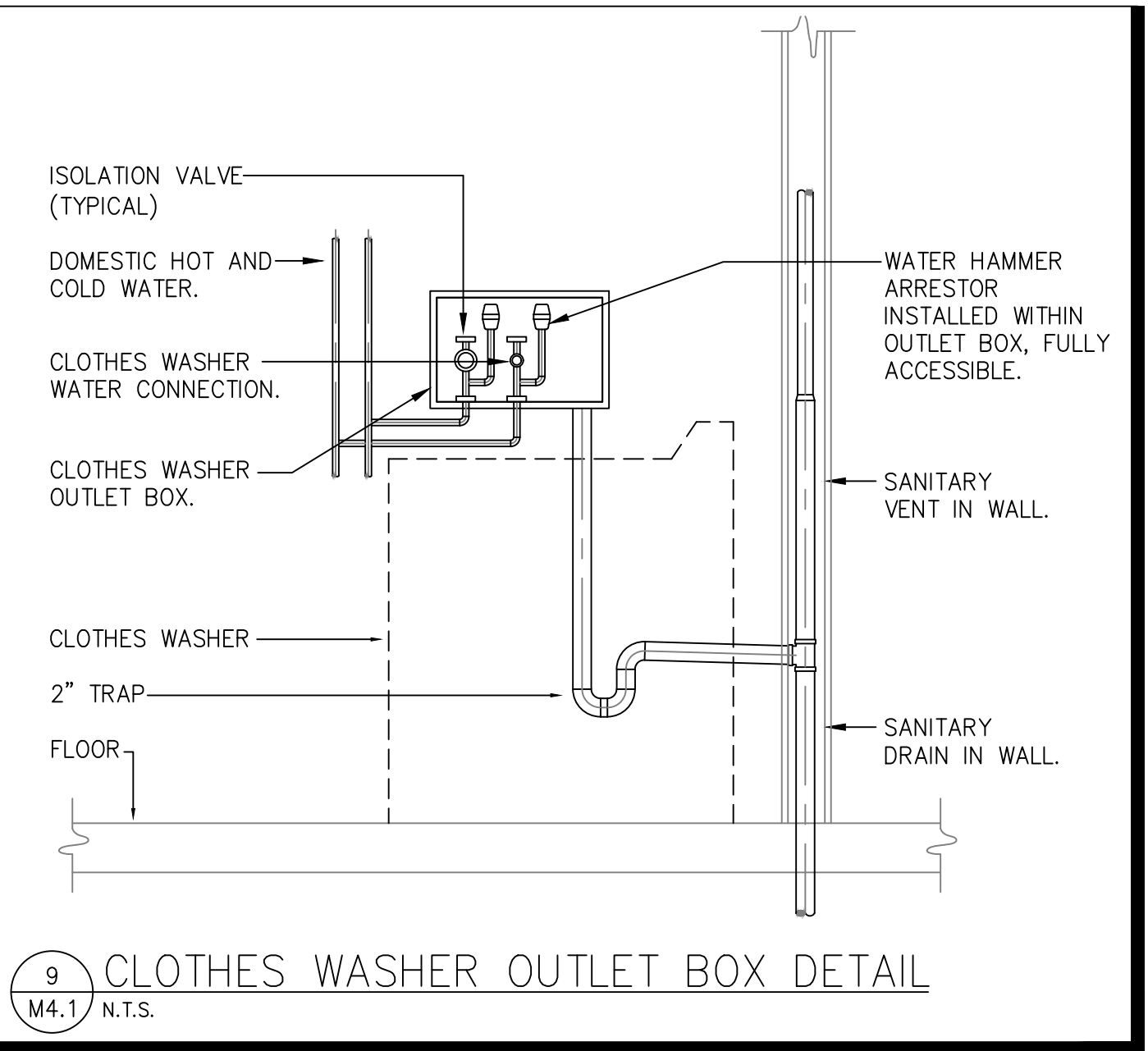
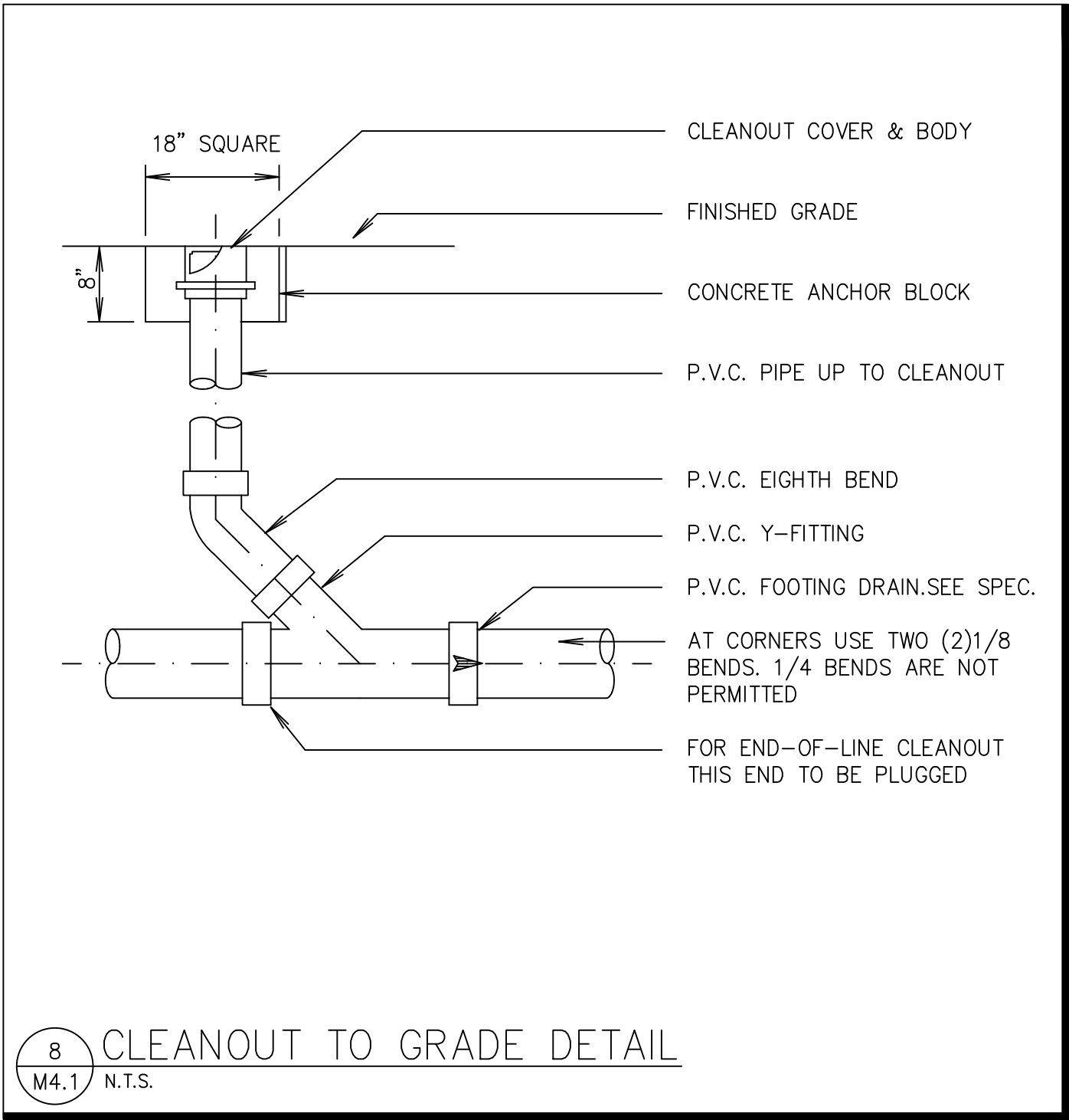
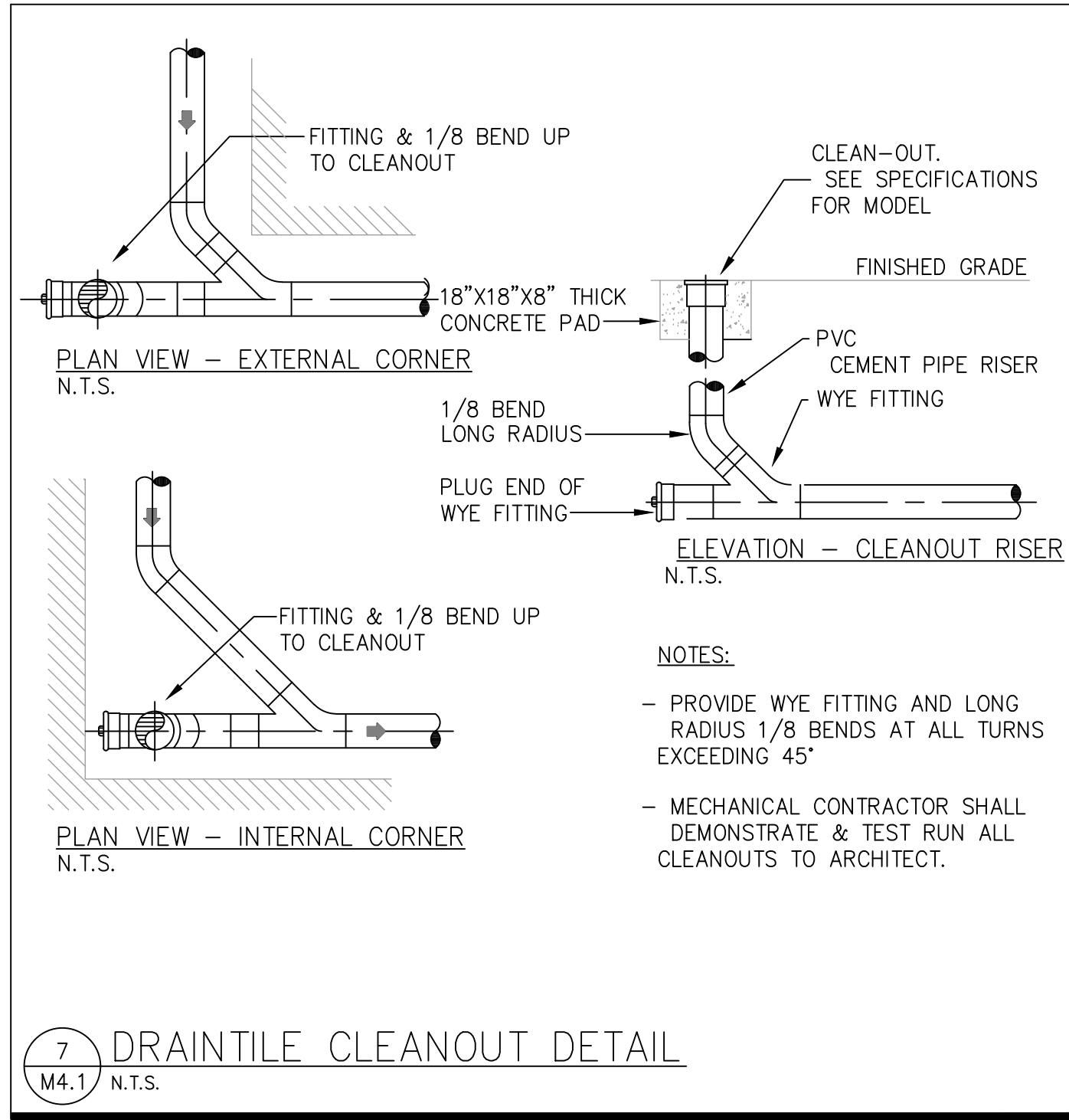
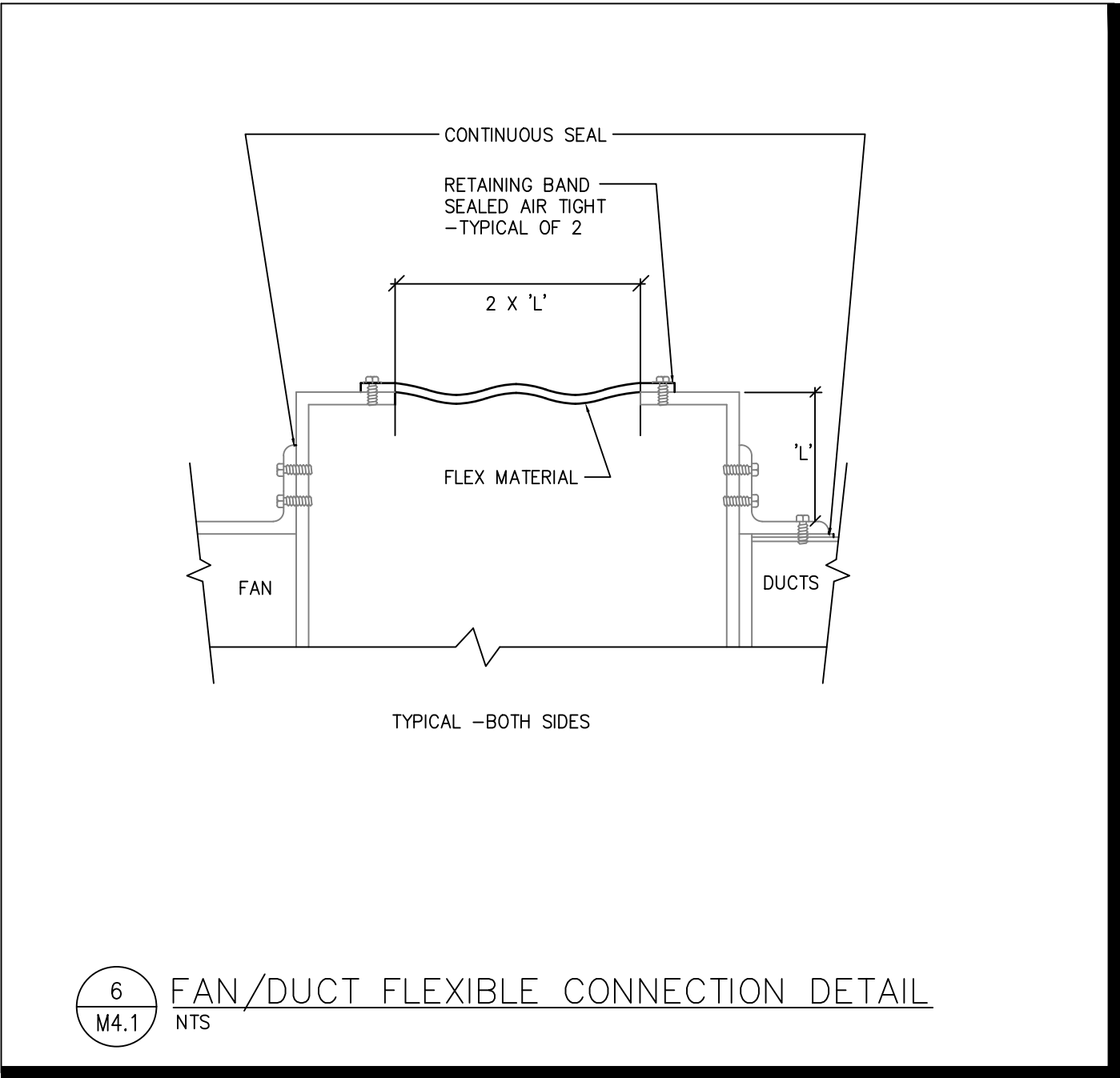
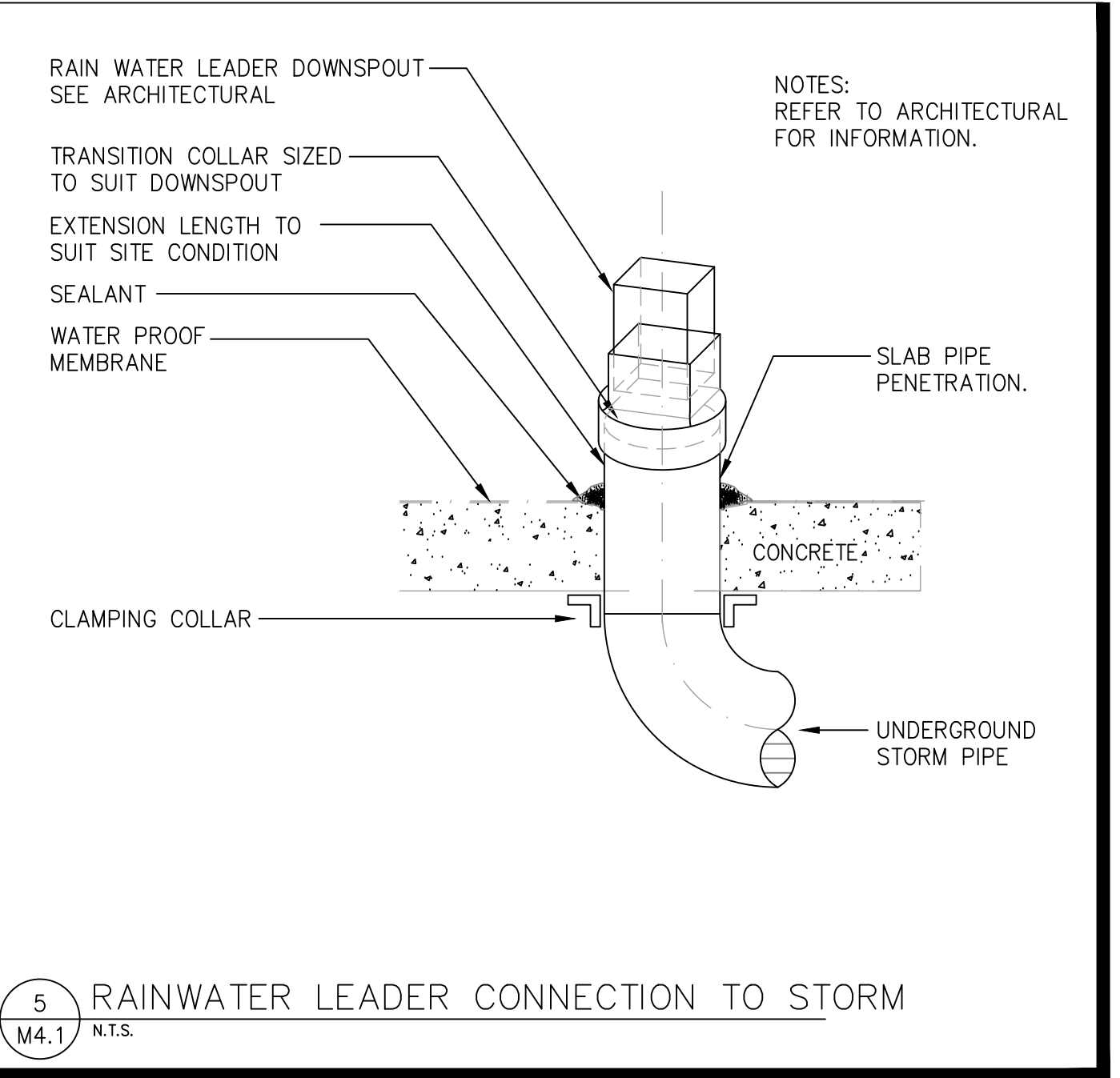
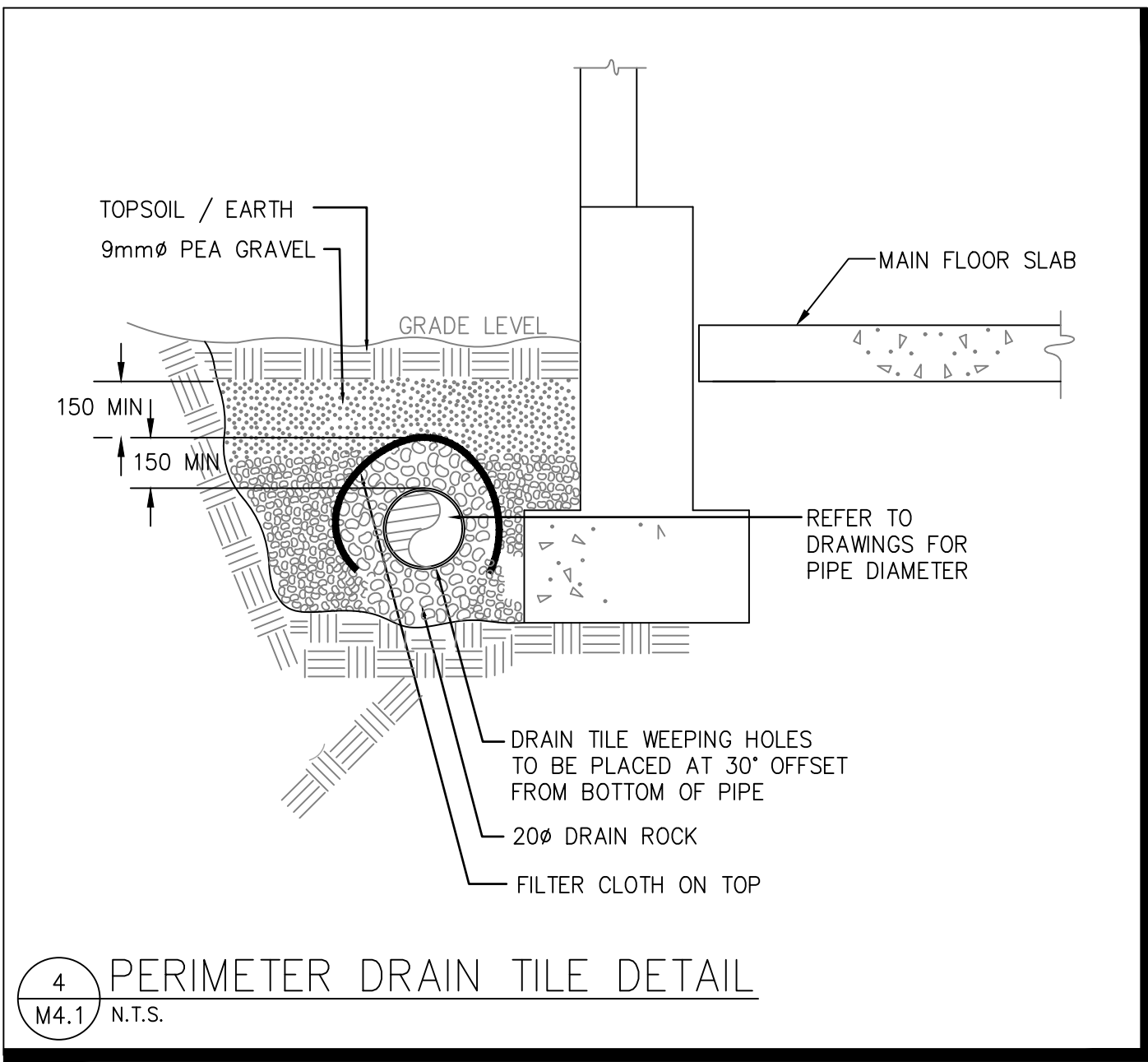
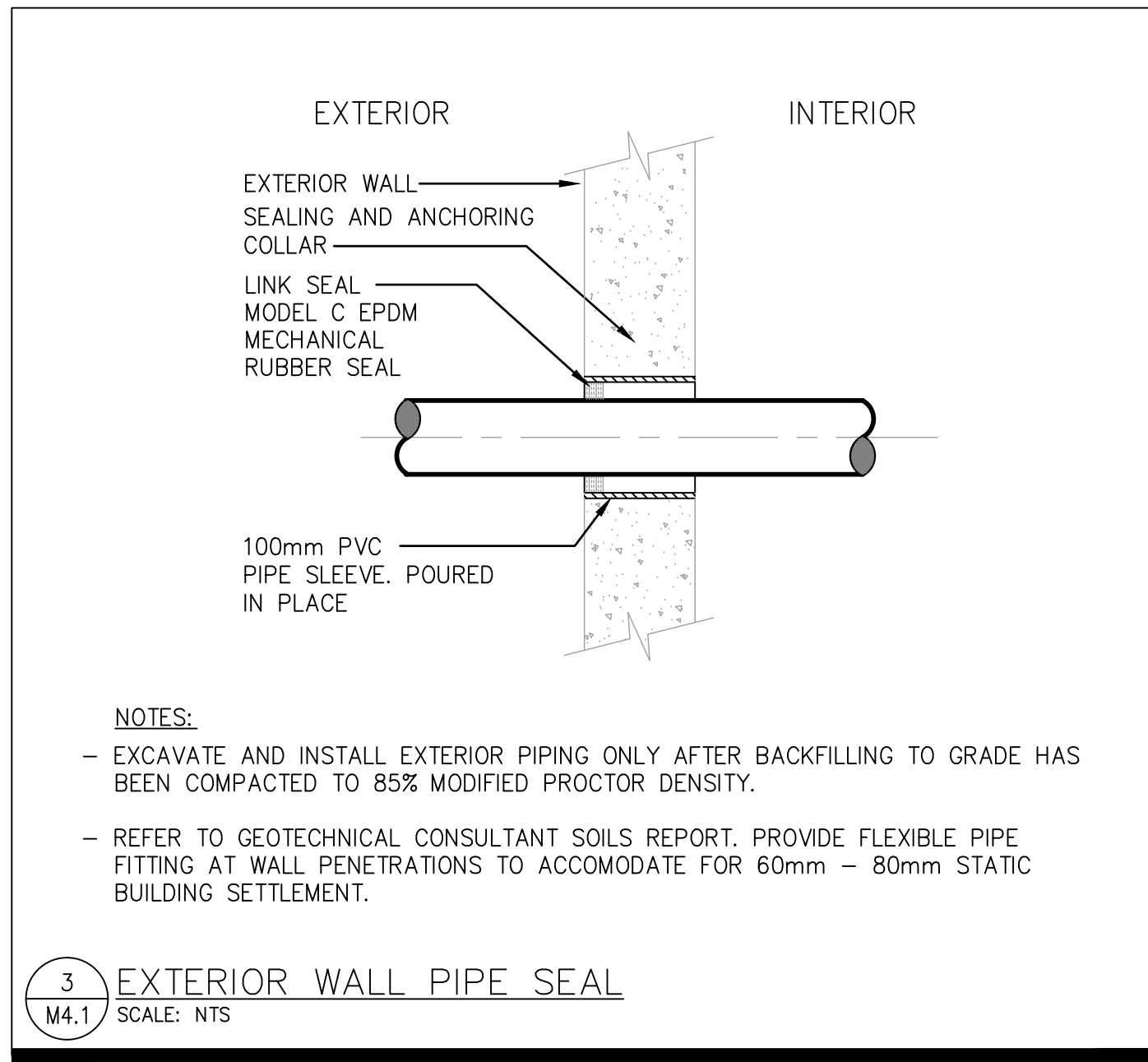
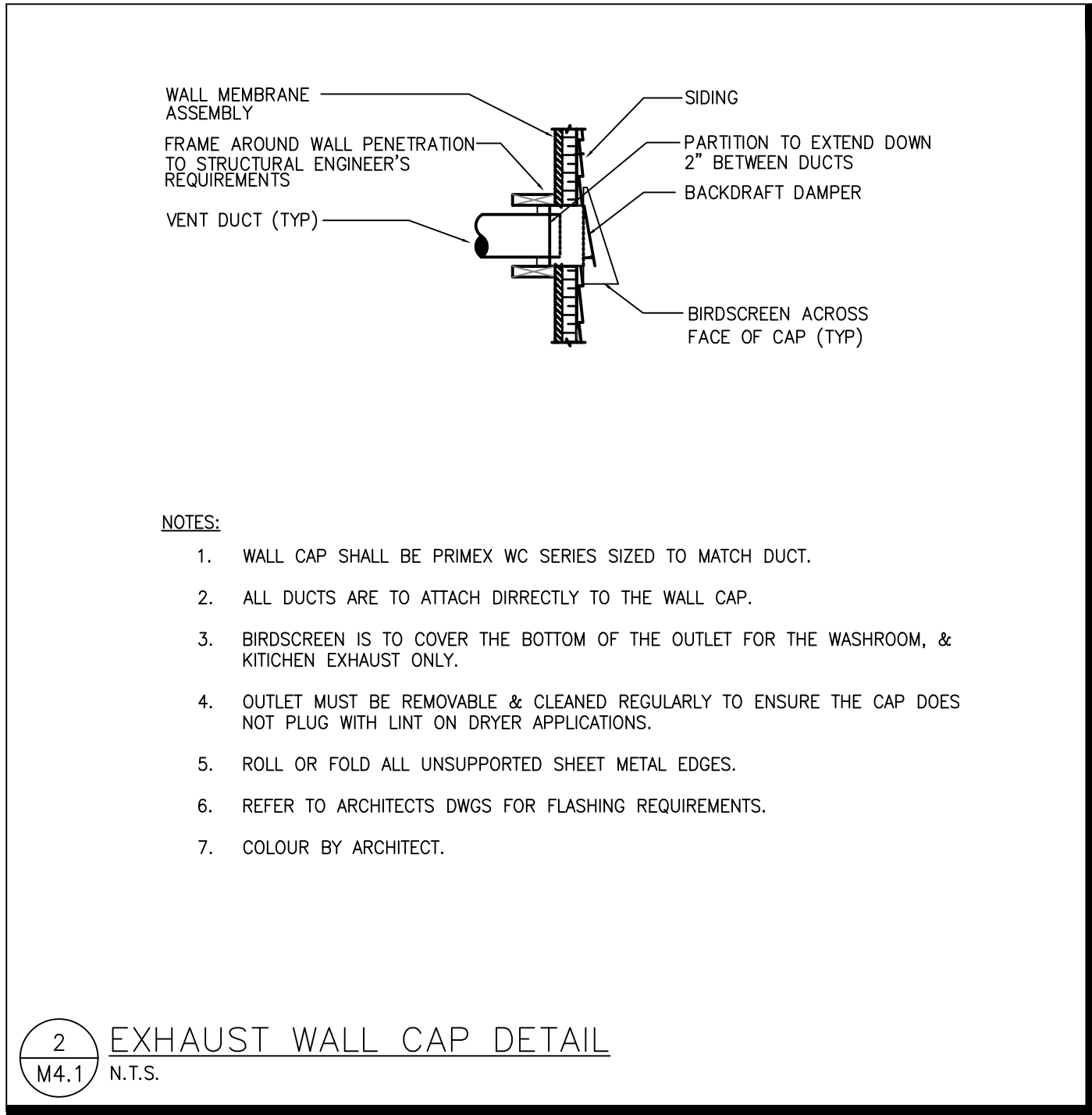
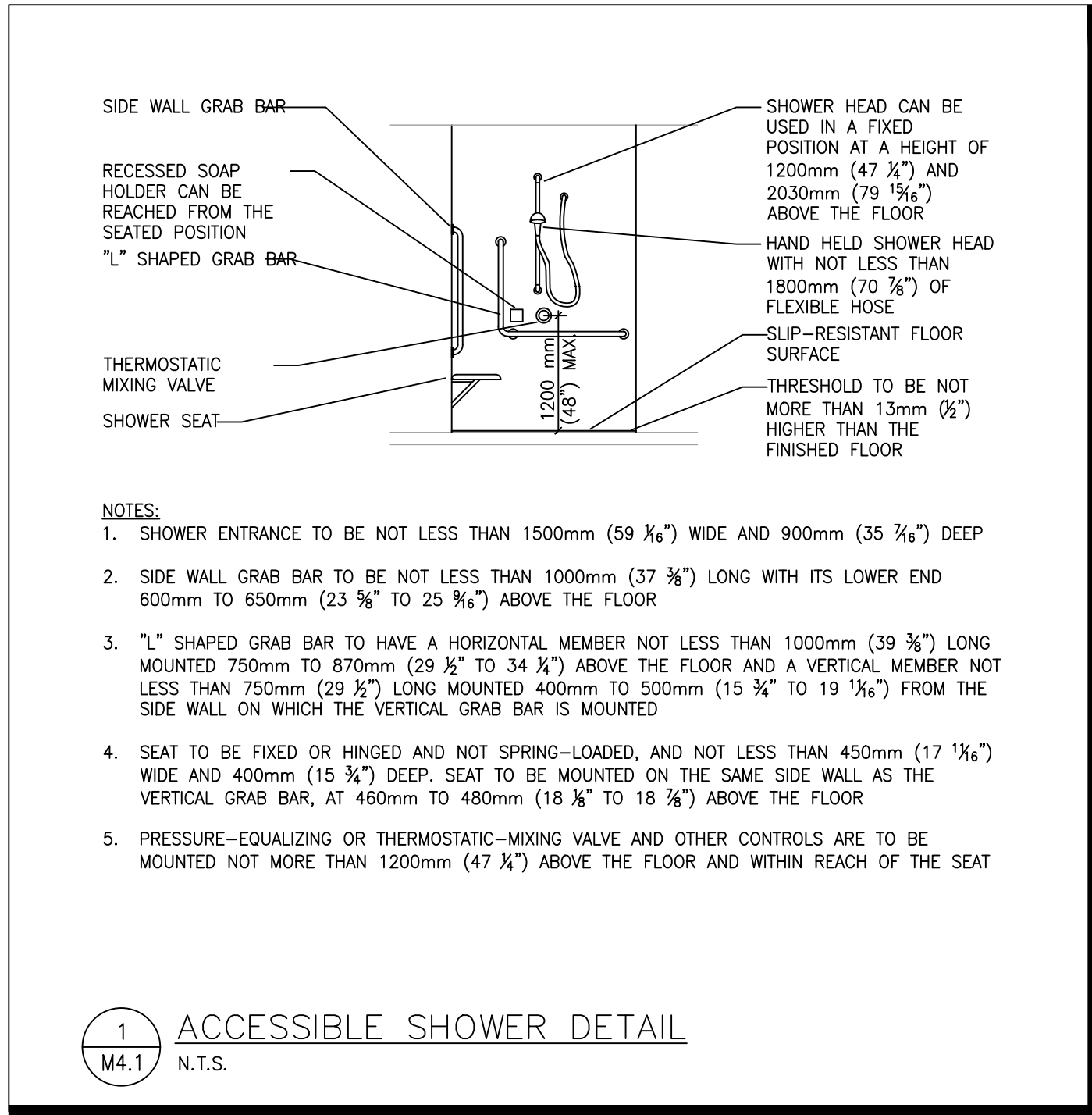
SCHEDULES

PROJECT NUMBER:
24055

DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
SCALE: AS NOTED

DRAWING:

M3.1



ROCKY POINT
ENGINEERING LTD.
Vancouver • Langley • Victoria • Nanaimo • Kelowna • Kamloops • Nelson

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Tel: (778) 471-6472

SUB-CONSULTANT:

KEYPLAN:

42024.10.07ISSUED FOR CONSTRUCTIONJRM

32024.06.05ISSUED FOR TENDERJRM

22024.05.17FOR BUILDING PERMIT REVIEWJRM

12024.05.03ISSUED FOR DESIGN COORDINATIONJRM

No. DATE DESCRIPTION BY

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SEAL:

PROFESSIONAL
OF
J. R. MacSWEEN
53496
BRITISH
COLUMBIA
ENGINEER
PERMIT TO PRACTICE #1000700
PERMIT TO PRACTICE #1000700

CLIENT:

PROJECT:

HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1
123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

DRAWING NAME:

DETAILS

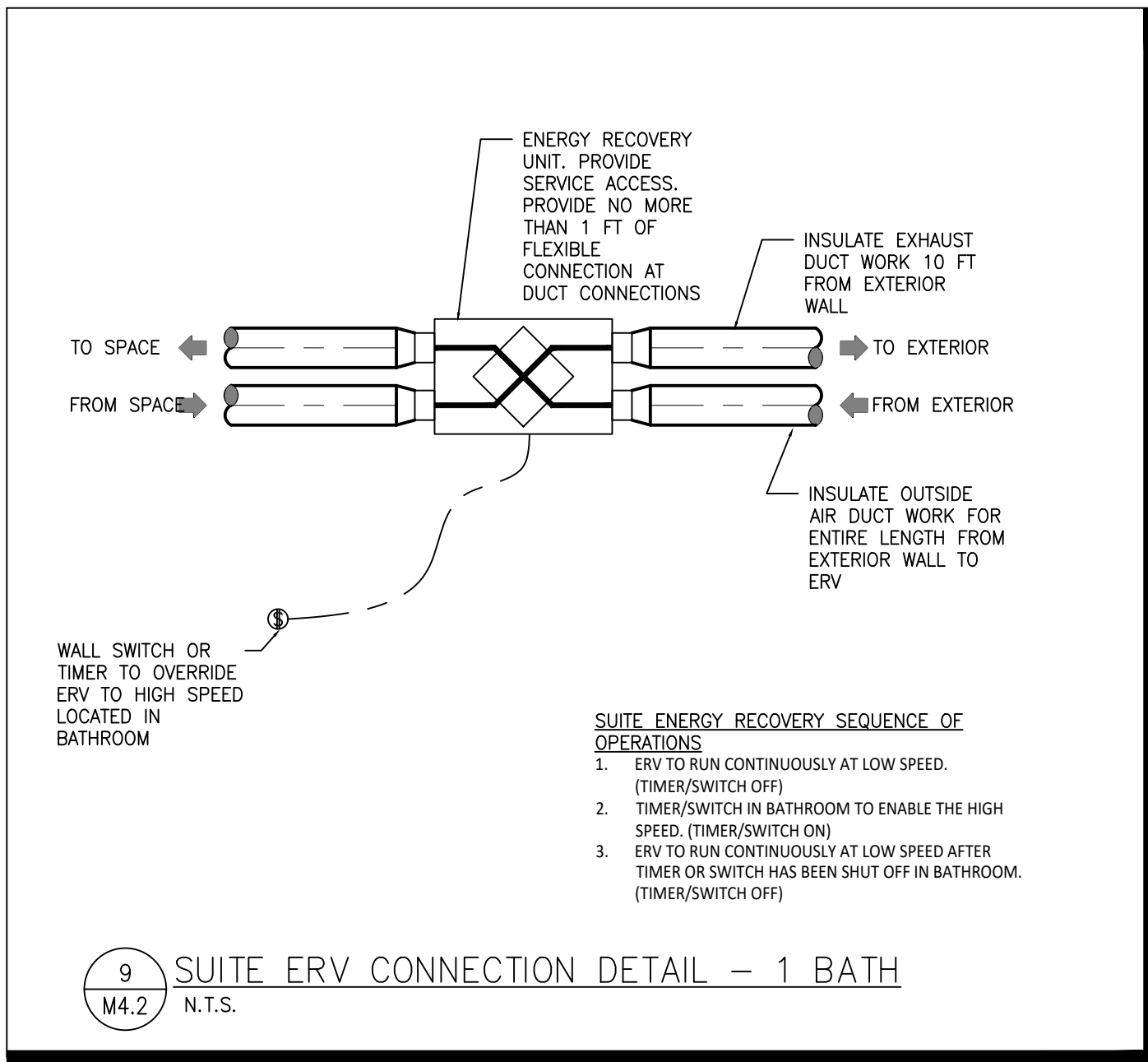
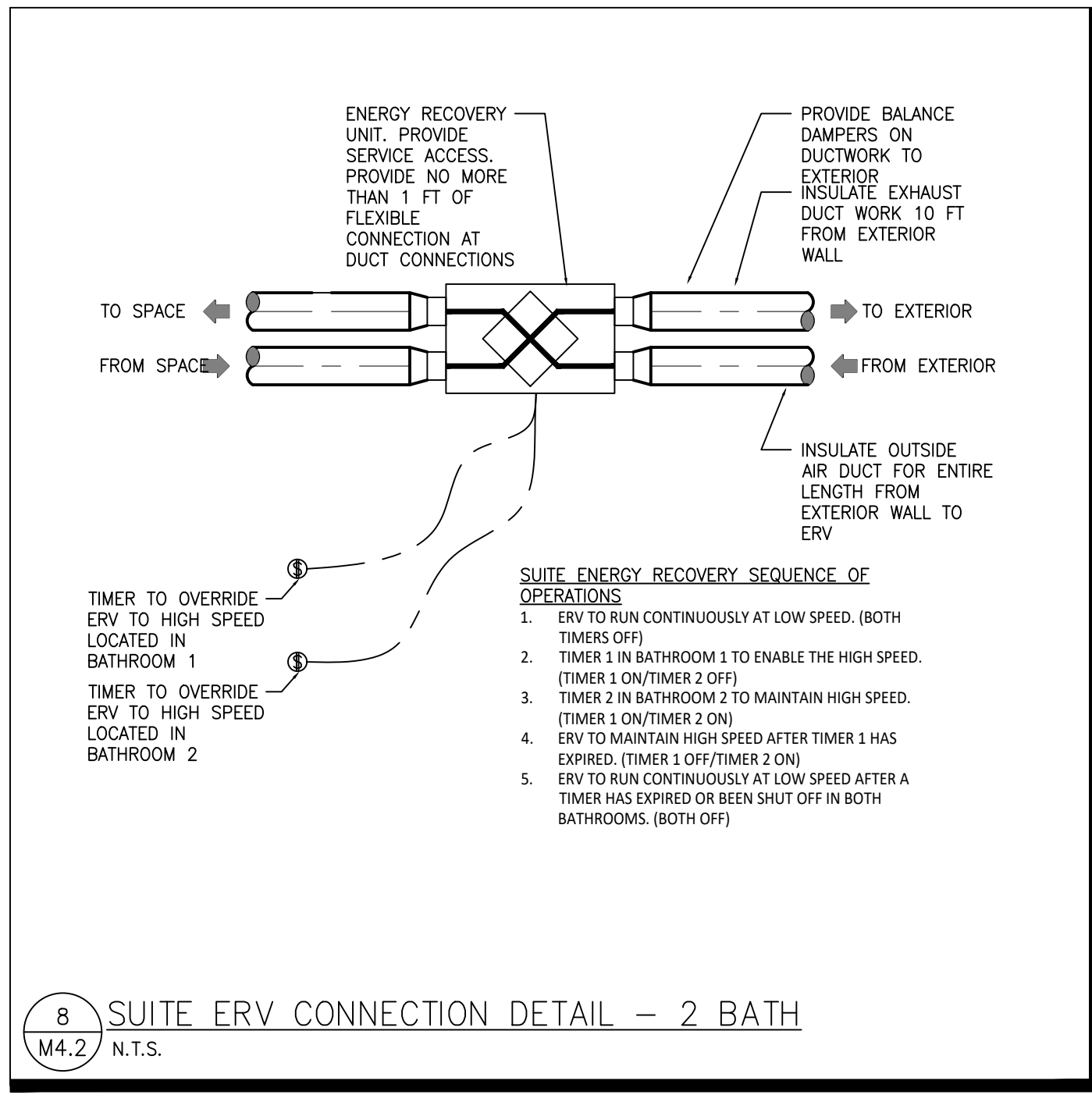
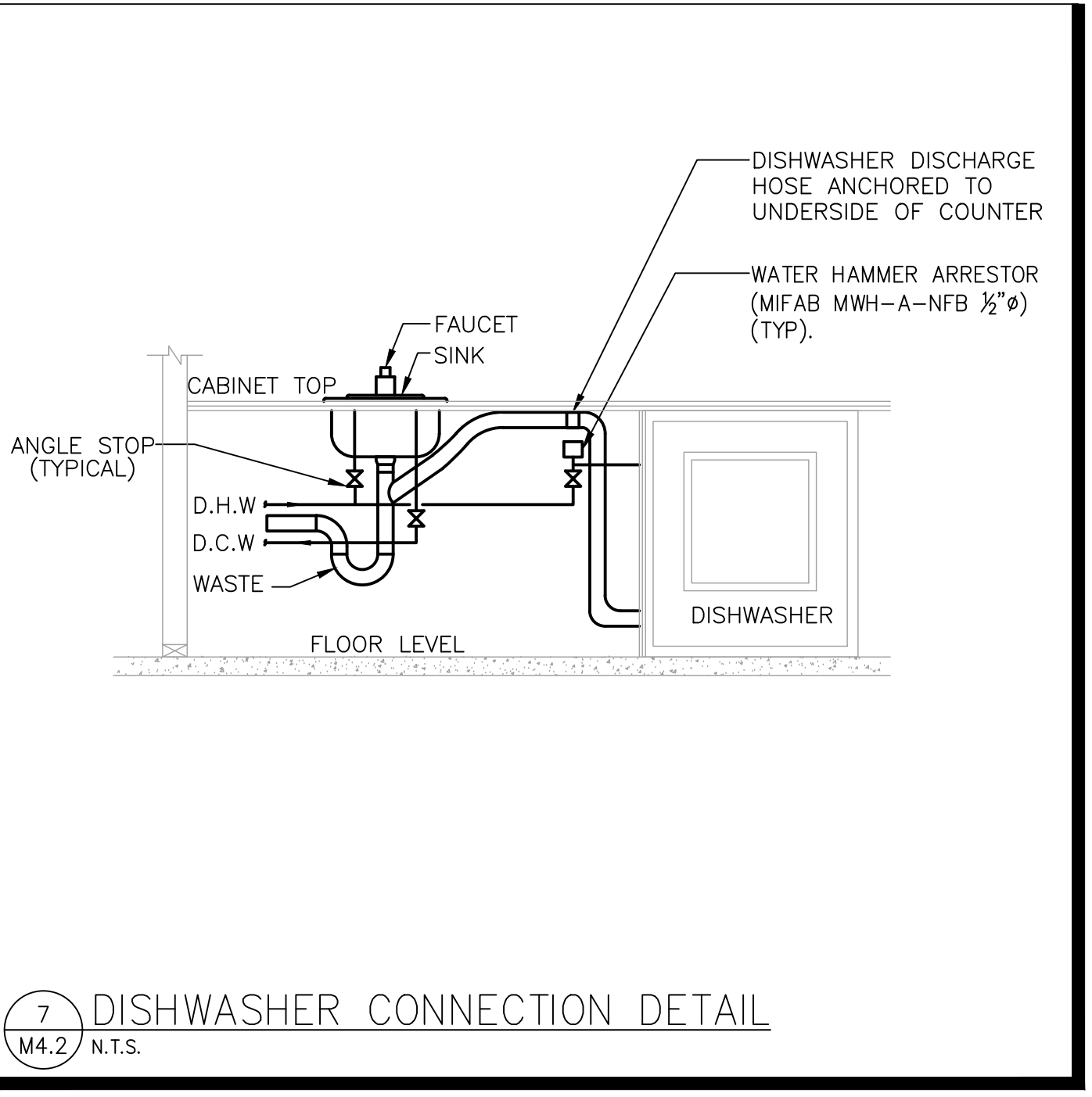
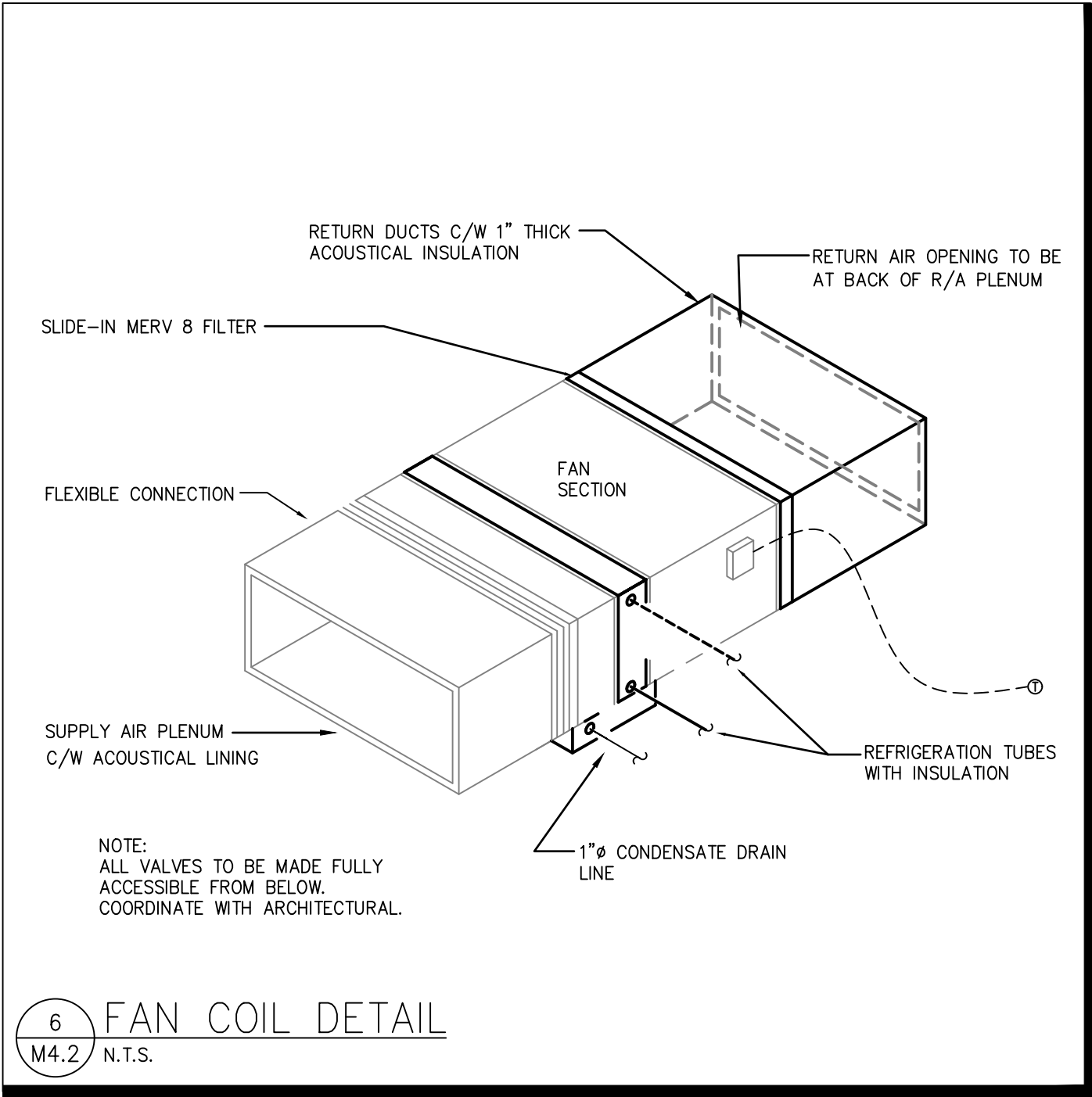
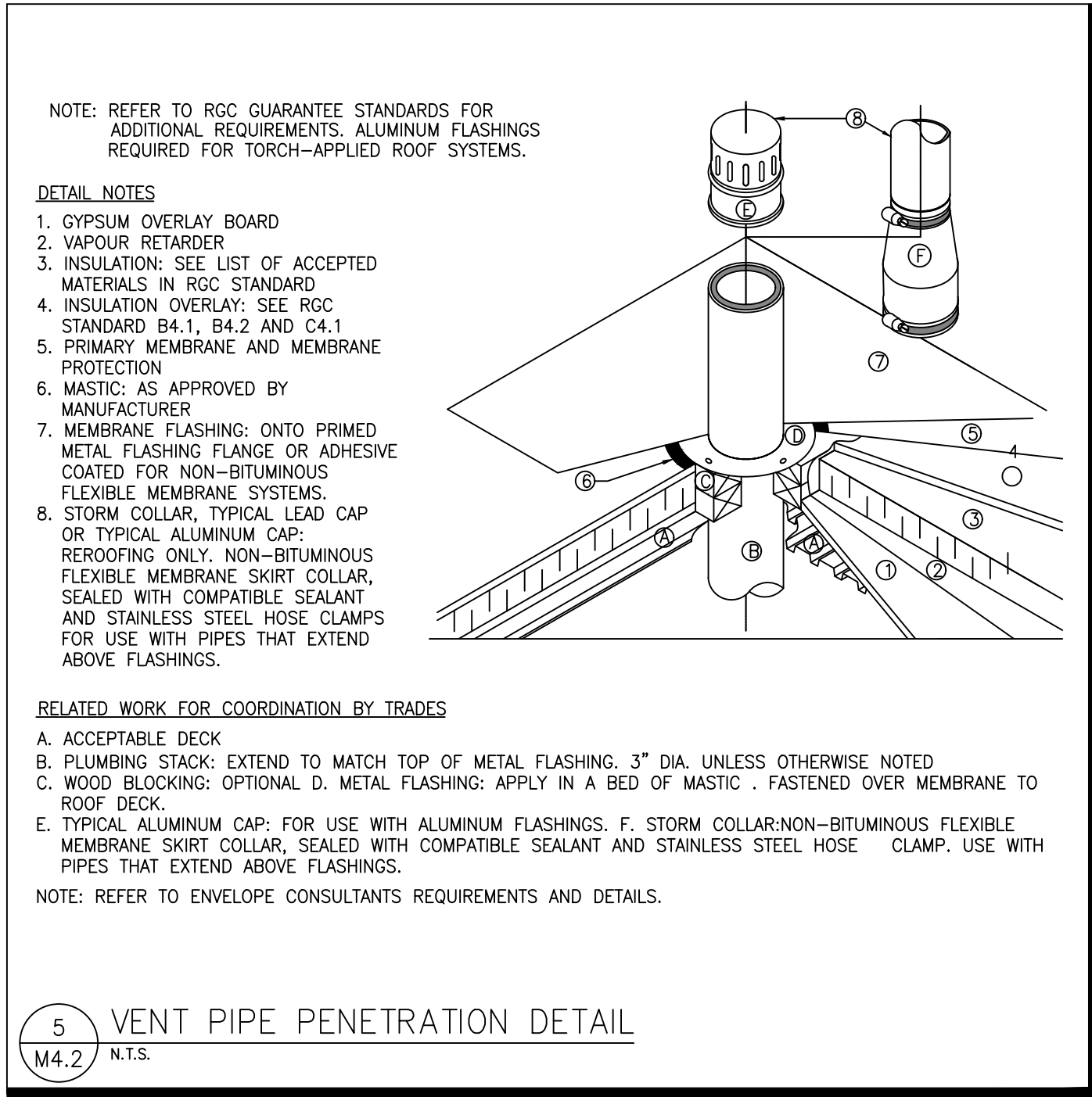
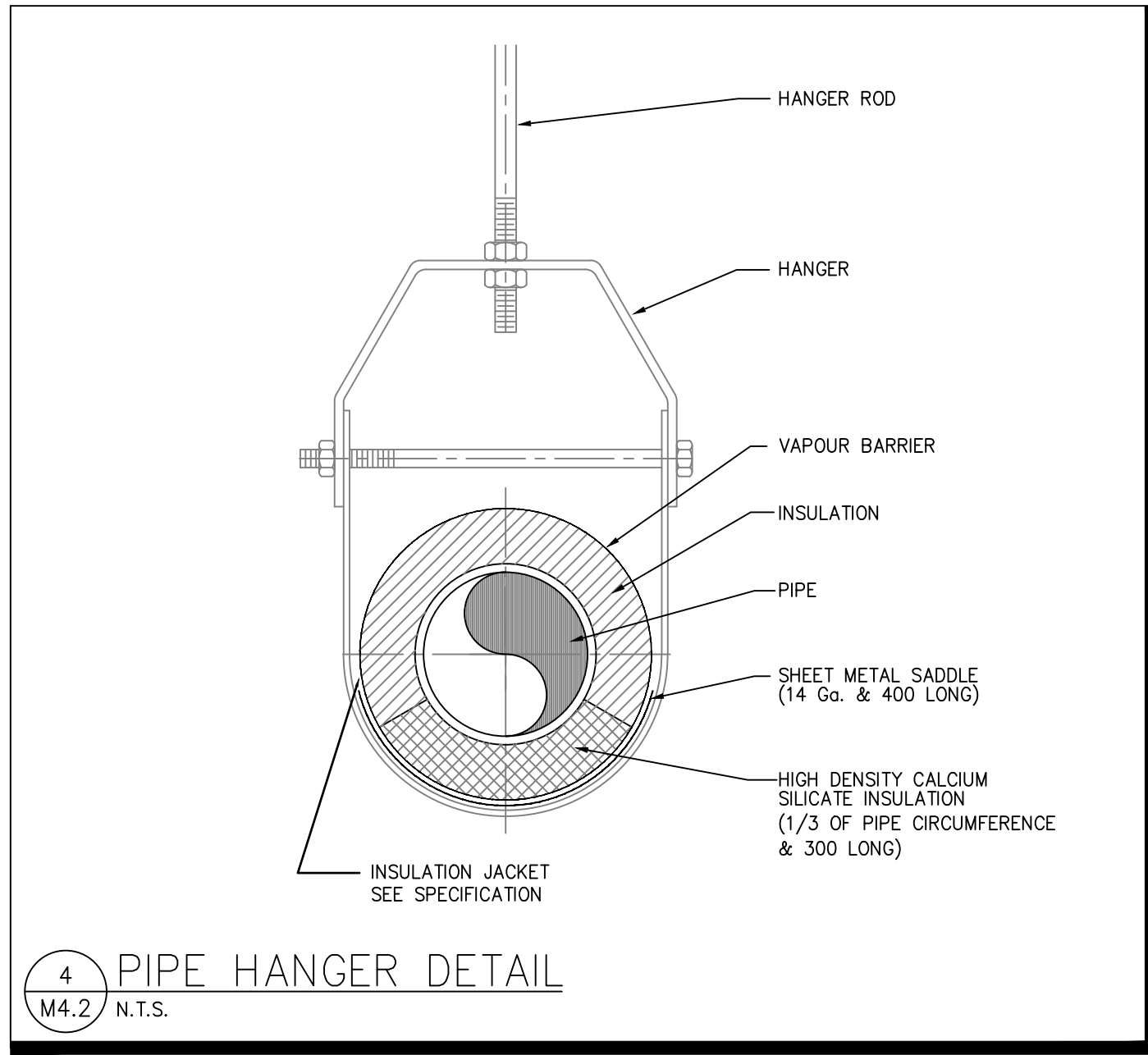
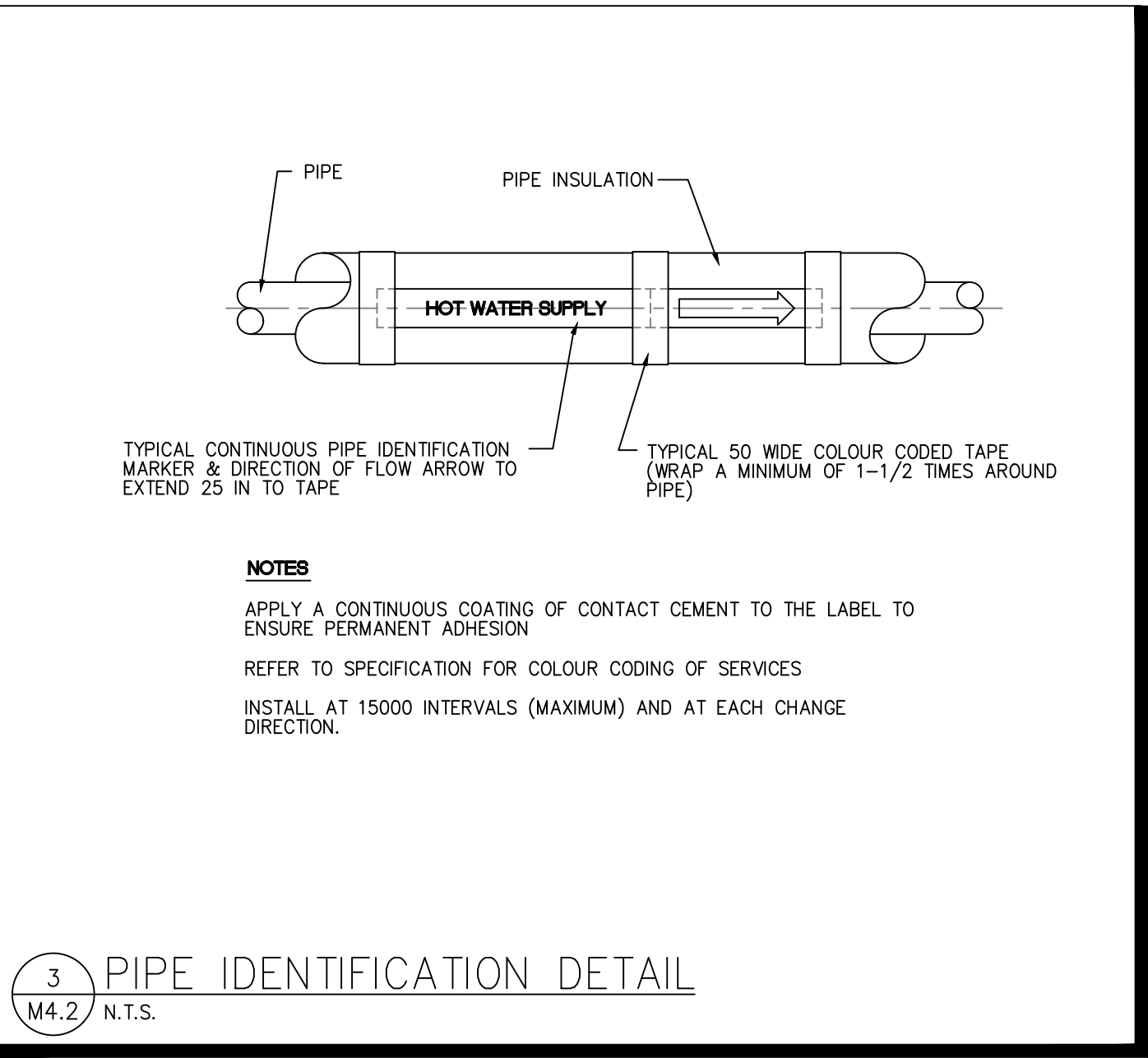
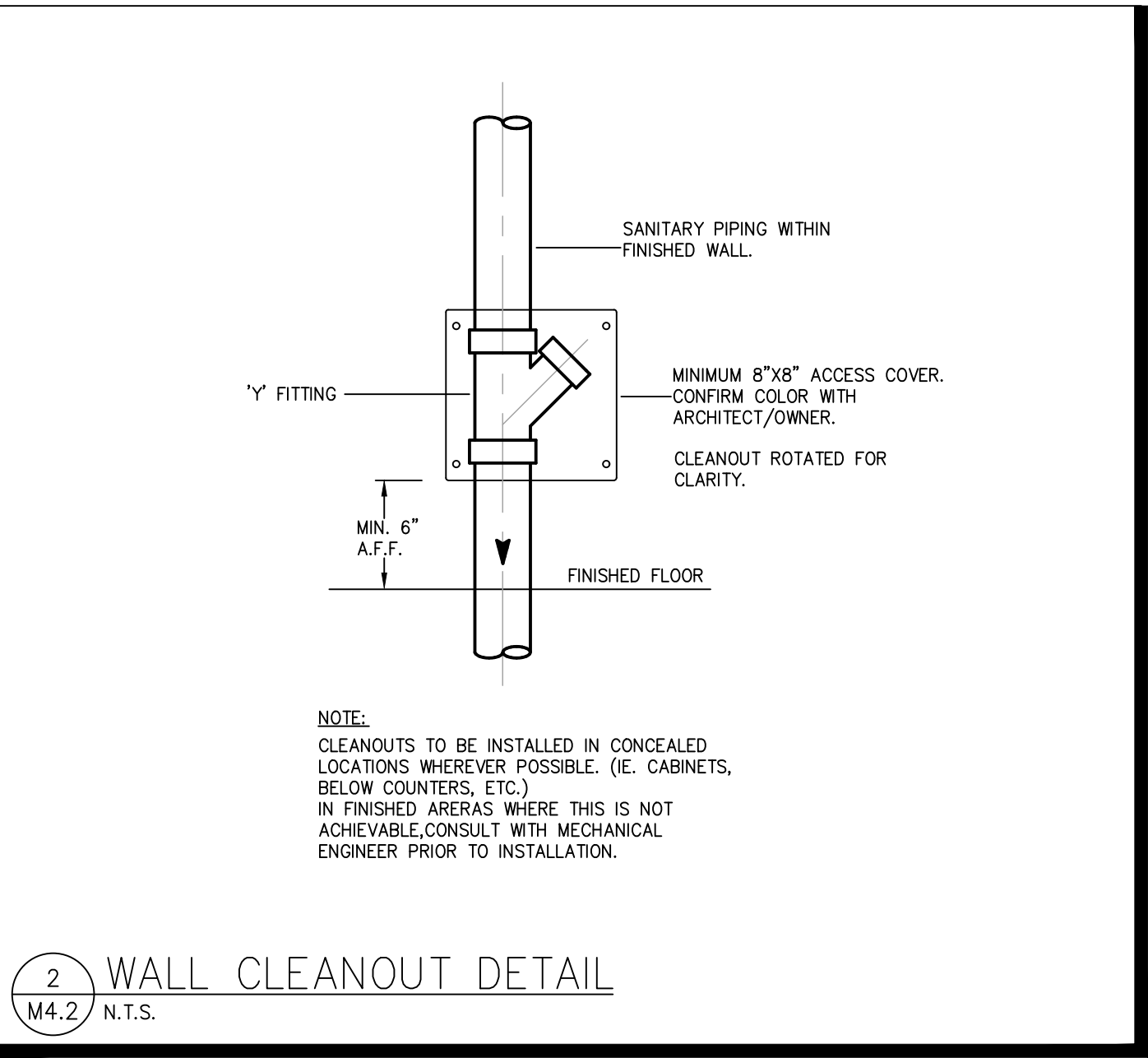
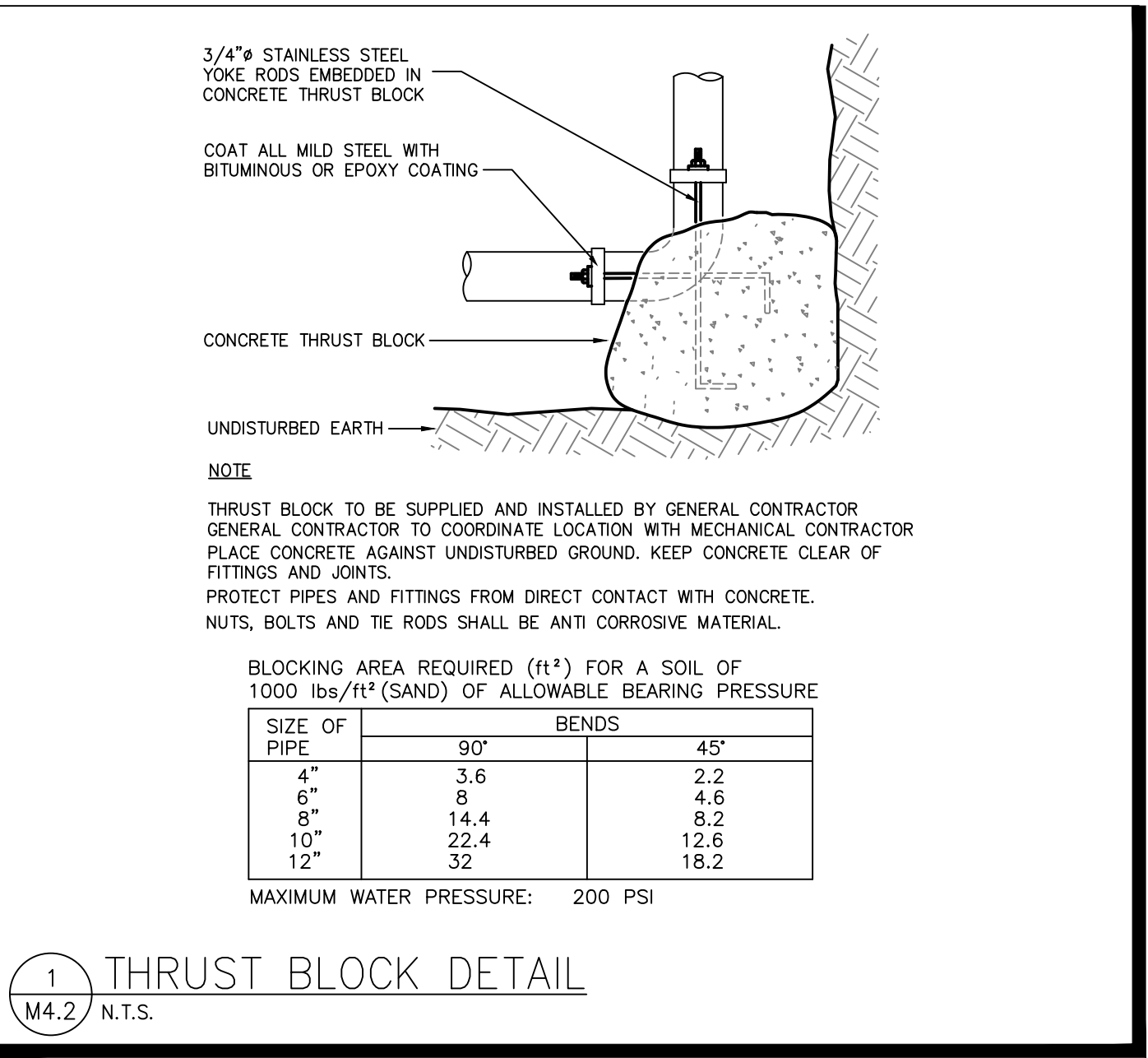
PROJECT NUMBER:

24055

DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
SCALE: AS NOTED

DRAWING:

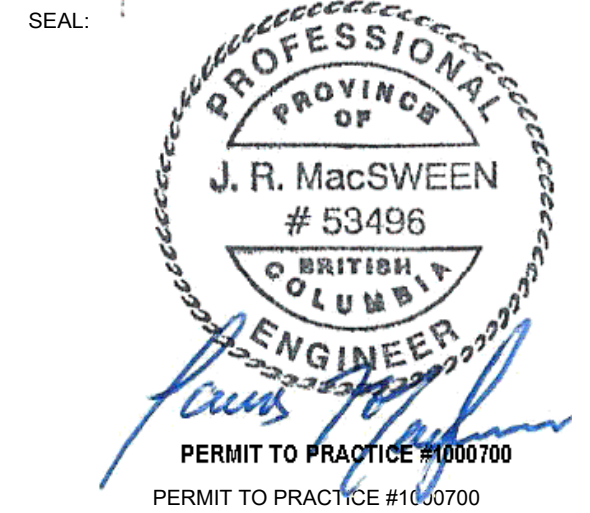
M4.1



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No.	DATE	DESCRIPTION	BY

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CLIENT:

PROJECT:

HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1

123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

DRAWING NAME:

DETAILS

PROJECT NUMBER:

24055

DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
SCALE: AS NOTED

DRAWING:

M4.2

SUB-CONSULTANT:

KEYPLAN:

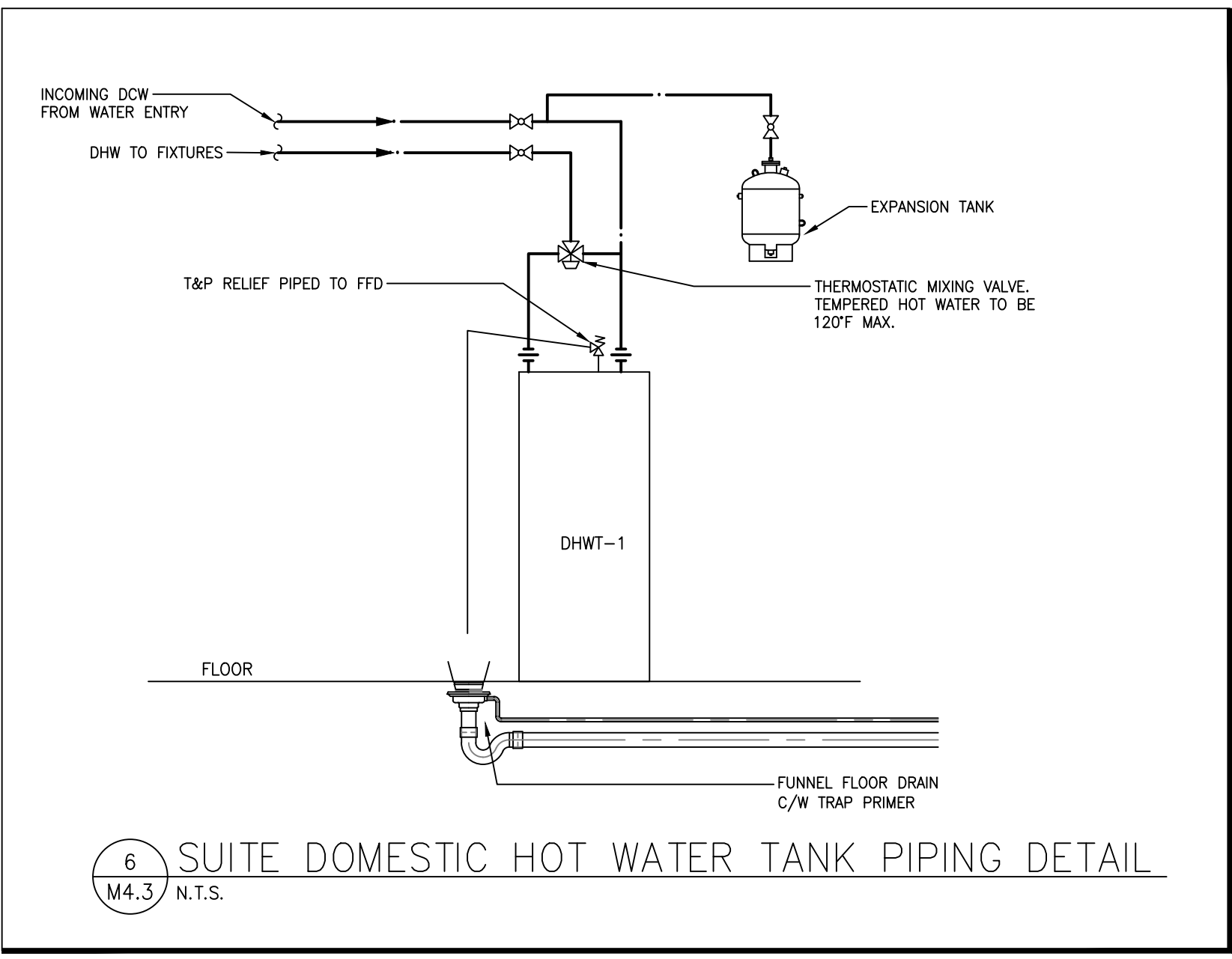
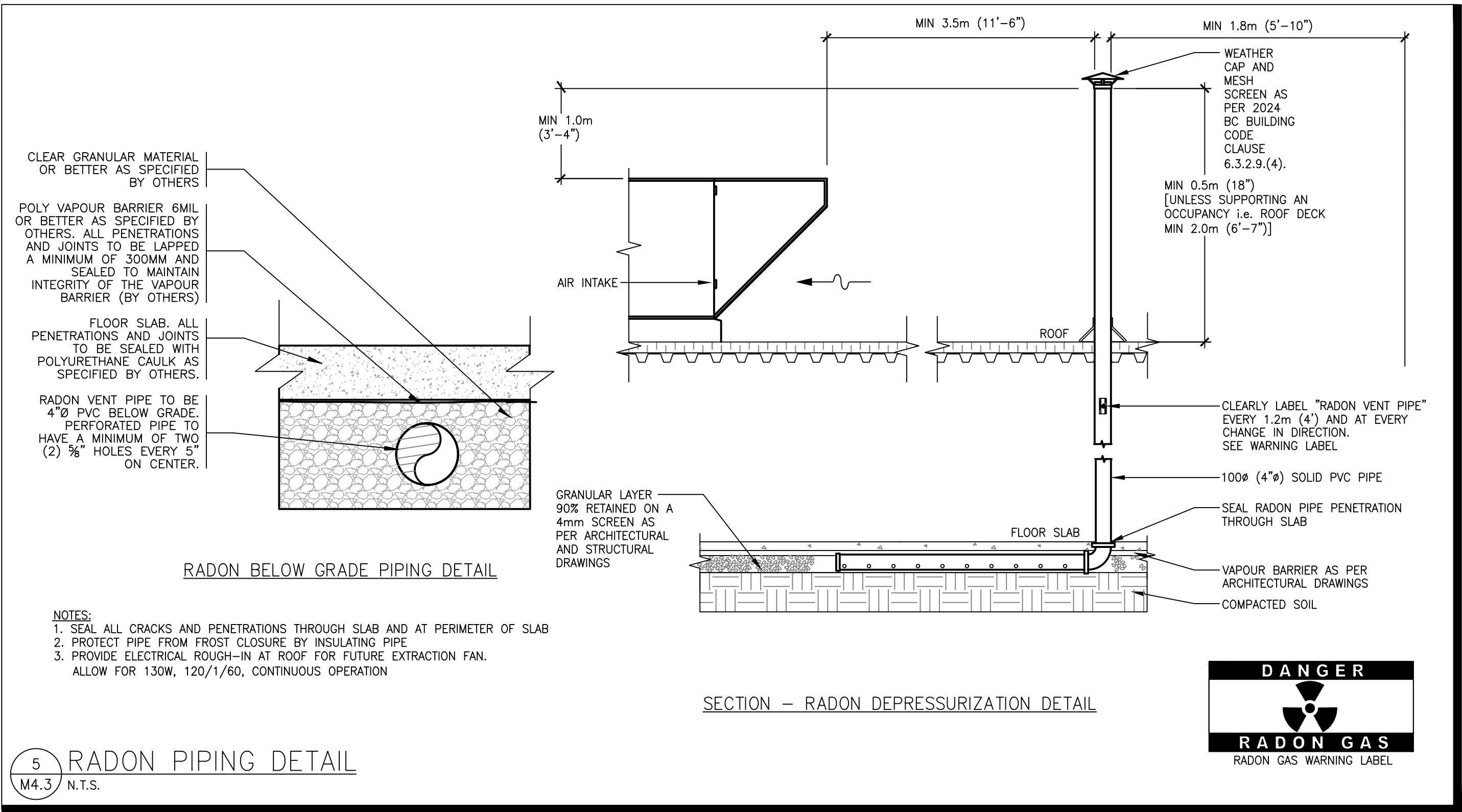
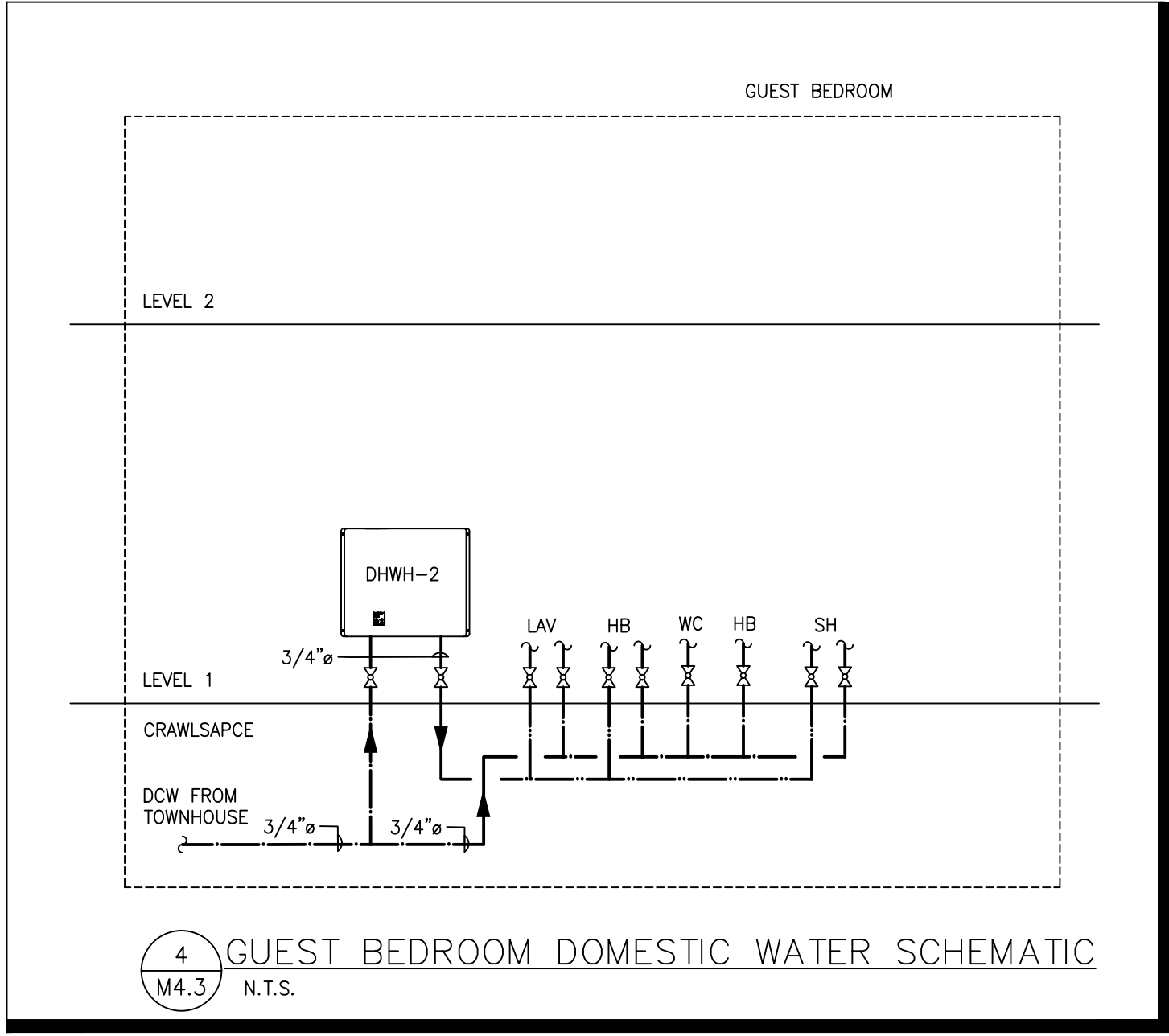
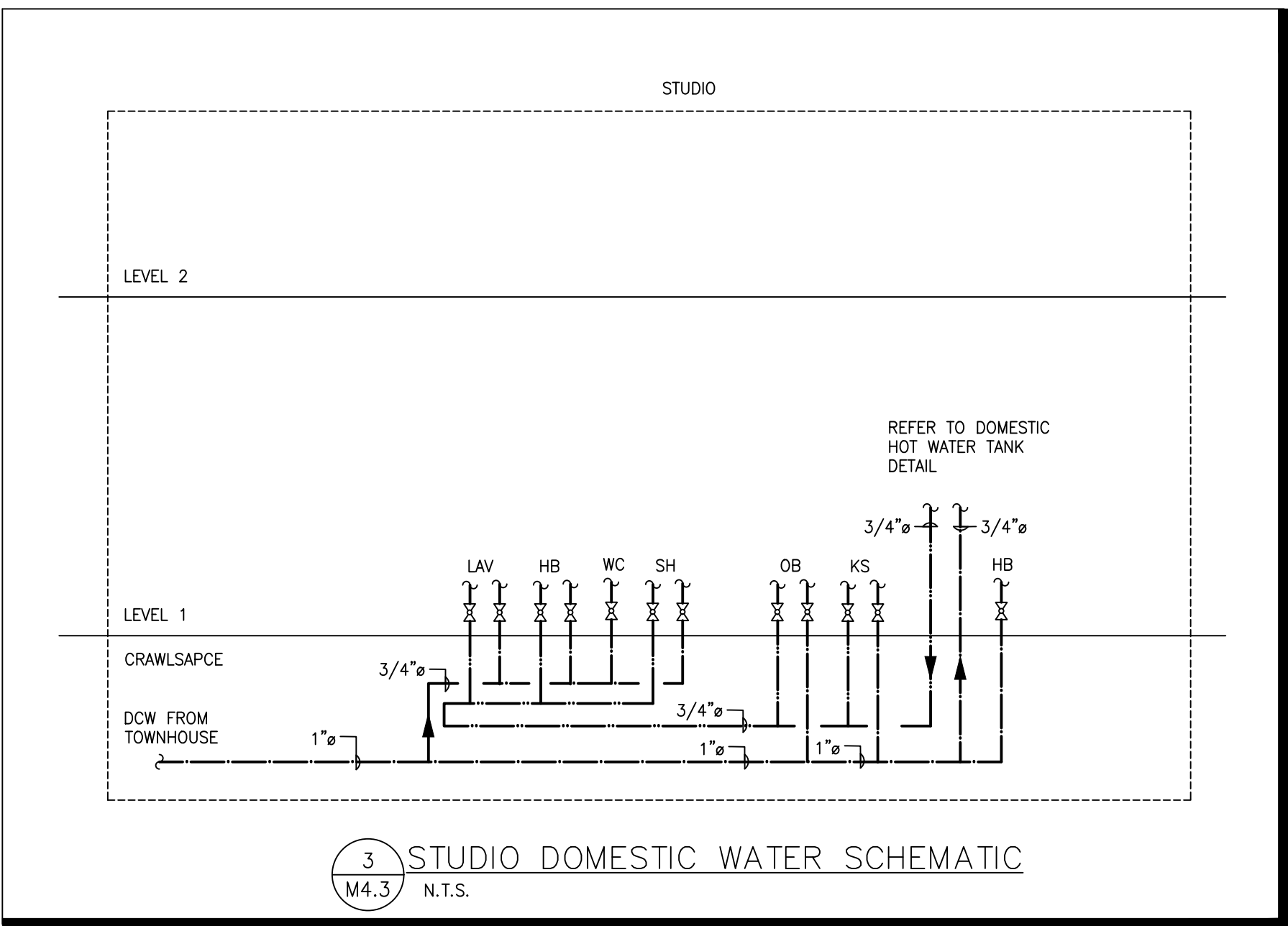
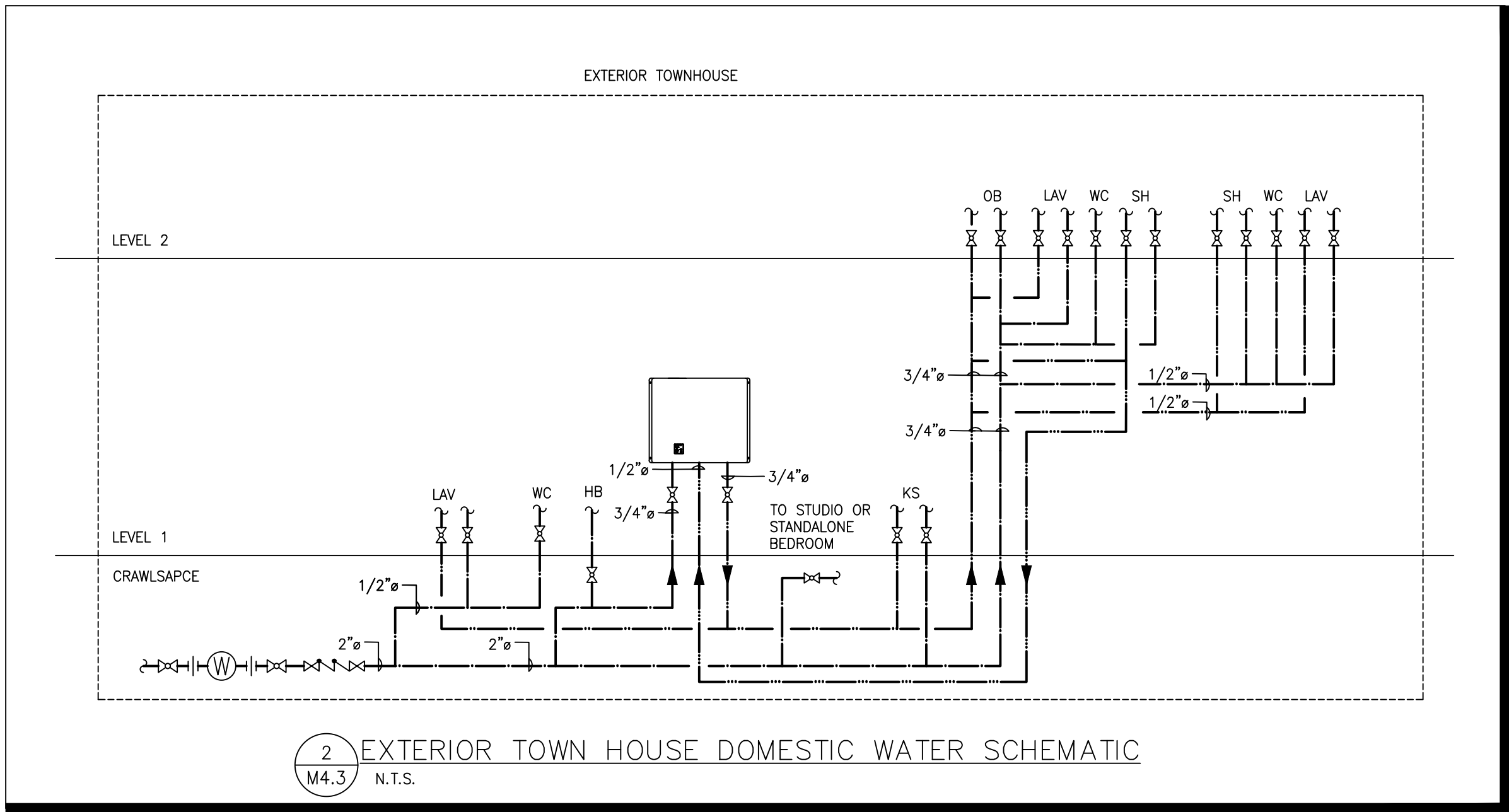
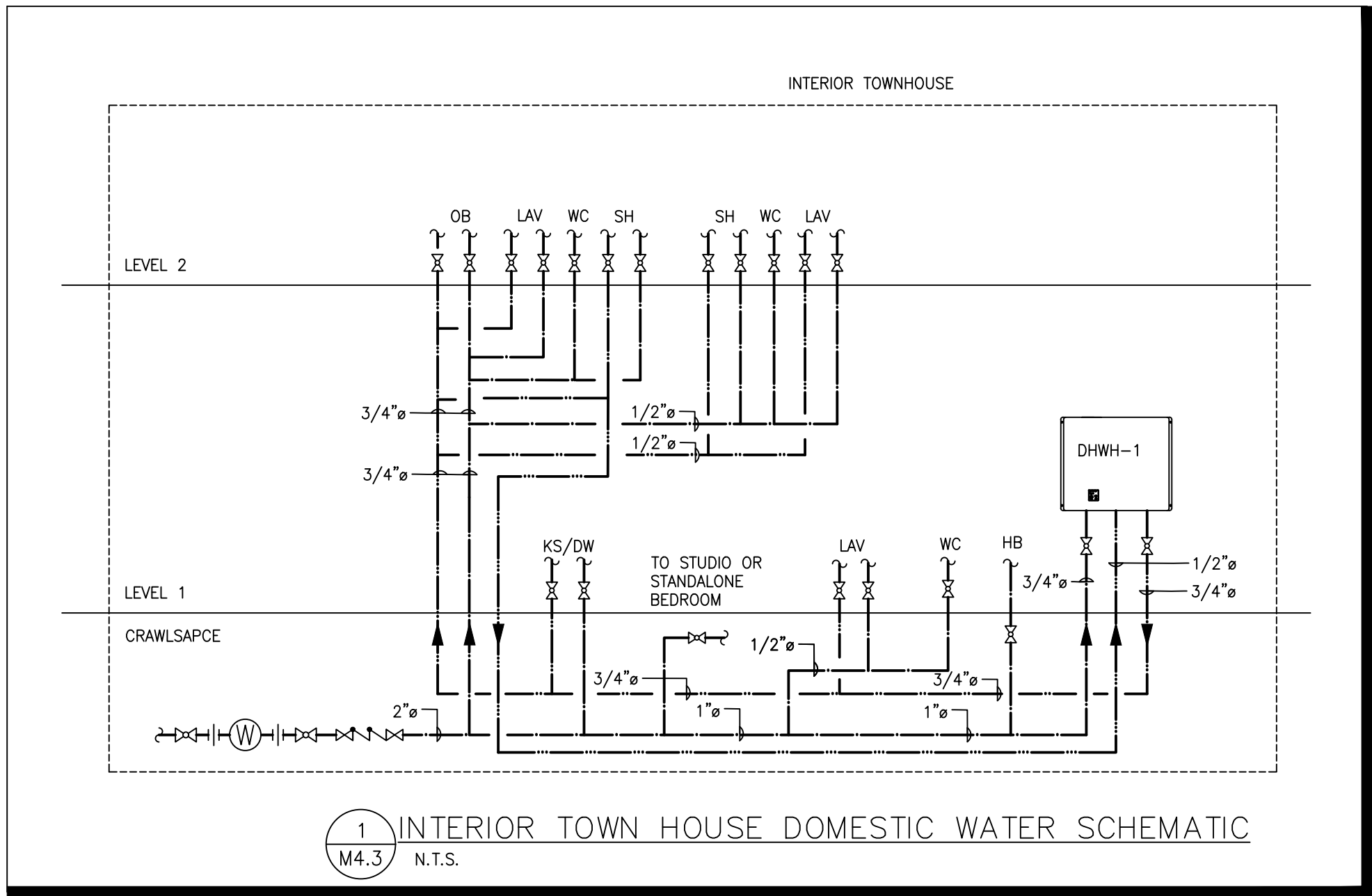
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SEAL:



CLIENT:



PROJECT:
HALLO-NELSON AT GRANITE
POINTE - TOWNHOMES LEFT
STAGE 1
123 RICHARDS STREET WEST
NELSON, BC V1L 6E3

DRAWING NAME:

DETAILS

PROJECT NUMBER:
24055

DRAWN BY: JRM
DESIGNED BY: JRM
APPROVED BY: JRM
SCALE: AS NOTED

DRAWING:

M4.3