

Mechanical Addendum M-001

Attention All Bidders

Date: June 19, 2026
Project: Ontario Aboriginal Housing Services
Location: 321 John Street, Cobourg, Ontario
IVES Project: 22071

This Addendum becomes part of the Bid Documents and will be considered to have been included in the Tender. Additions, deletions and revisions shall be incorporated in the Bid Documents as hereinafter described.

1. Mechanical Drawings

- 1.1. Refer to Mechanical Drawing M-001 – Site Plan (Re-issued)
 - 1.1.1. Updated Drawing List.
- 1.2. Refer to Mechanical Drawing M-106 – CU-1 Refrigerant Piping Schematic (Re-issued)
 - 1.2.1. Revised refrigerant schematic.
- 1.3. Refer to Mechanical Drawing M-107 – CU-2 Refrigerant Piping Schematic (Re-issued)
 - 1.3.1. Revised refrigerant schematic.
- 1.4. Refer to Mechanical Drawing M-108 – CU-3 Refrigerant Piping Schematic (Re-issued)
 - 1.4.1. Revised refrigerant schematic.
- 1.5. Refer to Mechanical Drawing M-109 – Sanitary Piping Schematic - West (Re-issued)
 - 1.5.1. Revised as indicated.
- 1.6. Refer to Mechanical Drawing M-110 – Sanitary Piping Schematic - East (Re-issued)
 - 1.6.1. Revised as indicated.
- 1.7. Refer to Mechanical Drawing M-113 – CU-4 & CU-5 Refrigerant Piping Schematics (Issued)
 - 1.7.1. Revised refrigerant schematic.
- 1.8. Refer to Mechanical Drawing M-201 – Mechanical Schedules Sheet 1 (Re-issued)
 - 1.8.1. Revised VRV Indoor Unit Schedule
 - 1.8.2. Revised VRV Condensing Unit Schedule.
- 1.9. Refer to Mechanical Drawing M-202 – Mechanical Schedules Sheet 2 (Re-issued)
 - 1.9.1. Revised Force Flow Heater Schedule.
- 1.10. Refer to Mechanical Drawing M-301A – Ground Floor West HVAC Plan (Re-issued)
 - 1.10.1. Revised as indicated.
- 1.11. Refer to Mechanical Drawing M-301B – Ground Floor East HVAC Plan (Re-issued)
 - 1.11.1. Revised as indicated.

- 1.12. Refer to Mechanical Drawing M-302A – Second Floor West HVAC Plan (Re-issued)
 - 1.12.1. Revised as indicated.
- 1.13. Refer to Mechanical Drawing M-302B – Second Floor East HVAC Plan (Re-issued)
 - 1.13.1. Revised as indicated.
- 1.14. Refer to Mechanical Drawing M-303A – Third Floor West HVAC Plan (Re-issued)
 - 1.14.1. Revised as indicated.
- 1.15. Refer to Mechanical Drawing M-303B – Second Floor East HVAC Plan (Re-issued)
 - 1.15.1. Revised as indicated.
- 1.16. Refer to Mechanical Drawing M-400A – Underslab West Plumbing Plan (Re-issued)
 - 1.16.1. Revised as indicated.
- 1.17. Refer to Mechanical Drawing M-400B – Underslab East Plumbing Plan (Re-issued)
 - 1.17.1. Revised as indicated.
- 1.18. Refer to Mechanical Drawing M-401A – Ground Floor West Plumbing Plan (Re-issued)
 - 1.18.1. Revised as indicated.
- 1.19. Refer to Mechanical Drawing M-401B – Ground Floor East Plumbing Plan (Re-issued)
 - 1.19.1. Revised as indicated.
- 1.20. Refer to Mechanical Drawing M-402A – Second Floor West Plumbing Plan (Re-issued)
 - 1.20.1. Revised as indicated.
- 1.21. Refer to Mechanical Drawing M-402B – Second Floor East Plumbing Plan (Re-issued)
 - 1.21.1. Revised as indicated.
- 1.22. Refer to Mechanical Drawing M-403A – Third Floor West Plumbing Plan (Re-issued)
 - 1.22.1. Revised as indicated.
- 1.23. Refer to Mechanical Drawing M-403B – Third Floor East Plumbing Plan (Re-issued)
 - 1.23.1. Revised as indicated.

2. Mechanical Specifications.

- 2.1. Refer to Specification 23 31 15 Radon Soil Gas Venting System – (Issued)
 - 2.1.1. Additional specifications for Soil Gas Venting System.

Best regards,



Alexander Gibbons, EIT
Mechanical Designer
InVision Engineering Solutions Inc.

ONTARIO ABORIGINAL HOUSING SERVICES (OAHS)

321 JOHN STREET, COBOURG, ONTARIO

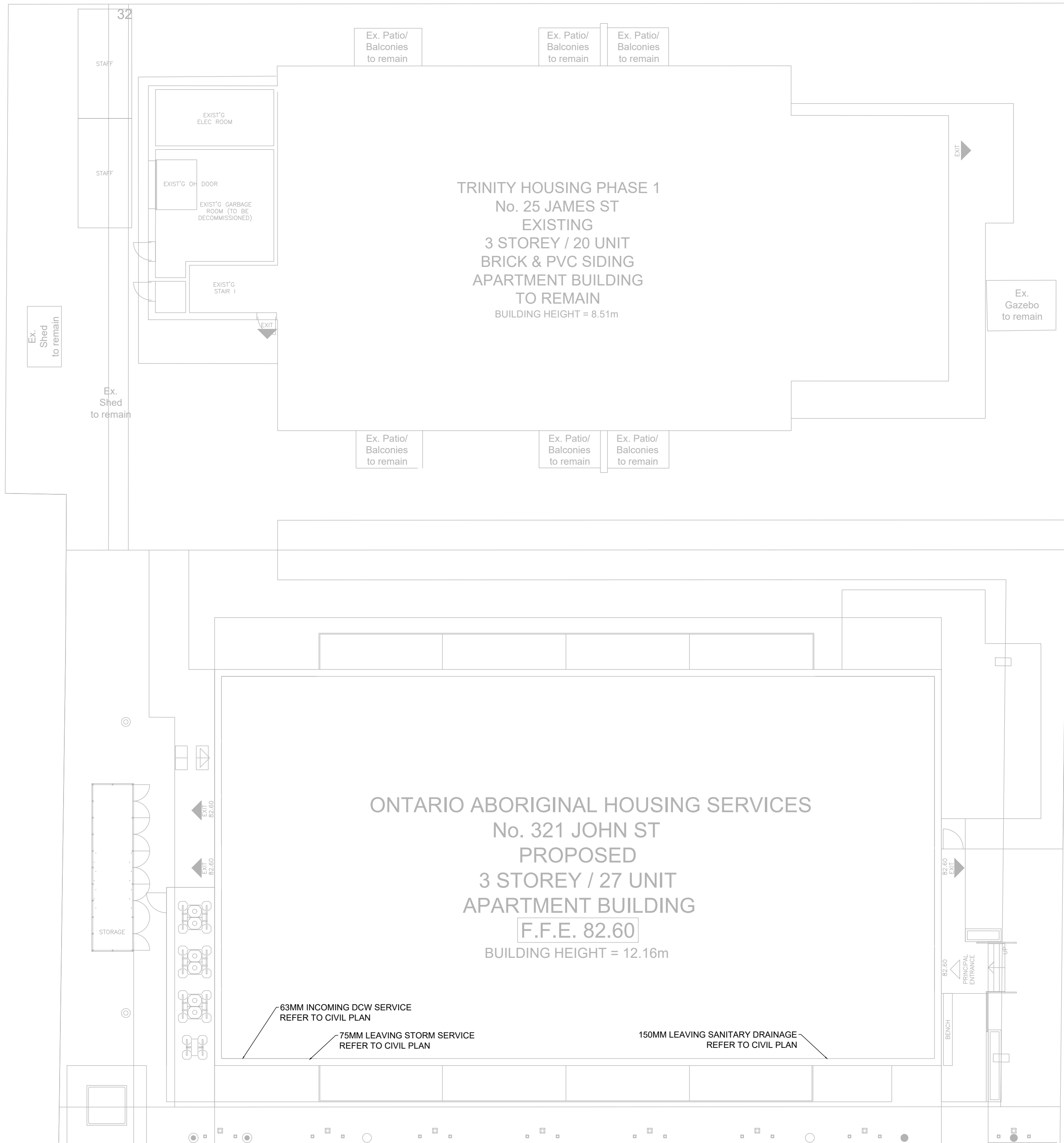
MECHANICAL DRAWINGS

MECHANICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ISOLATION VALVE		2-WAY ACTUATED VALVE		ROUND DUCT UP
	3-WAY MIXING / DIVERTING VALVE		3-WAY ACTUATED VALVE		ROUND DUCT DOWN
	PRESSURE REDUCING VALVE		BALANCING VALVE		AIR FLOW DIRECTION
	REDUCER / INCREASER		CHECK VALVE		THERMOSTAT
	BACKFLOW PREVENTER		PIPE DOWN		ERV / HRV CONTROLLER
	PUMP		PIPE UP		SUPPLY DUCT UP
	EXPANSION TANK		PIPE CONTINUATION		SUPPLY DUCT DOWN
	PURGE VALVE		PIPE CONNECTION		RETURN DUCT UP
	TEMP. & PRESSURE RELIEF VALVE		FLANGED CONNECTION W/BLIND FLANGE		RETURN DUCT DOWN
	DOMESTIC COLD WATER		FLANGED CONNECTION		EXHAUST DUCT UP
	DOMESTIC HOT WATER		SCREWED OR WELDED PIPE CAP		EXHAUST DUCT DOWN
	DHW RECIRCULATION LINE		DRAIN (SCHEMATIC / ELEVATION)		FLEX DUCT
	NON-POTABLE PIPING		FIXTURE DRAIN		RECTANGULAR DUCT BREAK
	HOSE BIBB		AIR SEPARATOR		BALANCING DAMPER
	NON-FREEZE WALL HYDRANT NP = NON-POTABLE		FLOW DIRECTION		AUTOMATIC BALANCING DAMPER
	CLEANOUT IN CEILING (END OF LINE)		AIR VENT		MOTORIZED DAMPER
	CLEANOUT IN FLOOR		STRAINER		FIRE DAMPER
	FLOOR DRAIN (FD)		THERMOSTATIC RADIATOR VALVE		SMOKE/FIRE DAMPER
	FUNNEL FLOOR DRAIN (FFD)		TIE POINT		BACK DRAFT DAMPER
	FIRE DEPARTMENT CONNECTION PIPING		UNION		"A" = DIFFUSER TYPE "2000" = DIFFUSER SIZE (mm) "130" = FLOW RATE (CFM)
	WATER METER		PIPE CAP		INTERNALLY LINED ACOUSTIC DUCT
	GAS METER		PIPE SLOPE		ACOUSTICALLY LINED DUCT (SINGLE LINE)
	REFRIGERANT PIPING		EYEWASH		SILENCER
	GLYCOL SUPPLY		P-TRAP		FLOW SWITCH
	GLYCOL RETURN		ROOF DRAIN		PRESSURE GAUGE / INDICATOR
	NATURAL GAS PIPING		CONDENSATE DRAIN		TEMPERATURE GAUGE / INDICATOR
	HIGH PRESSURE GAS PIPING		GAUGE COCK		TEMPERATURE SENSOR (TRANSMITTER)
	PROPANE GAS PIPING		FIRE EXTINGUISHER CABINET		PRESSURE SENSOR (TRANSMITTER)
	SPRINKLER PIPING		THERMOSTATIC MIXING VALVE		RELATIVE HUMIDITY SENSOR (TRANSMITTER)
	STORM DRAIN		SANITARY DRAIN		FLOW INDICATOR
	STORM DRAIN BELOW GRADE		SANITARY DRAIN BELOW GRADE		FLOW SENSOR
					DIFFERENTIAL PRESSURE SENSOR

DRAWING LIST

NUMBER	TITLE
M-001	SITE PLAN
M-101	DETAILS
M-102	DETAILS
M-103	DETAILS
M-104	WATER METER AND BFPA DETAIL
M-105	ACOUSTIC DETAILS
M-106	CU-1 REFRIGERANT PIPING SCHEMATIC
M-107	CU-2 REFRIGERANT PIPING SCHEMATIC
M-108	CU-3 REFRIGERANT PIPING SCHEMATIC
M-109	SANITARY PIPING SCHEMATIC - WEST
M-110	SANITARY PIPING SCHEMATIC - EAST
M-111	DOMESTIC COLD & HOT PIPING SCHEMATIC - WEST
M-112	DOMESTIC COLD & HOT PIPING SCHEMATIC - EAST
M-113	CU-4 & CU-5 REFRIGERANT PIPING SCHEMATIC
M-201	SCHEDULES
M-202	SCHEDULES
M-203	SCHEDULES
M-301A	GROUND FLOOR WEST HVAC PLAN
M-301B	GROUND FLOOR EAST HVAC PLAN
M-302A	SECOND FLOOR WEST HVAC PLAN
M-302B	SECOND FLOOR EAST HVAC PLAN
M-303A	THIRD FLOOR WEST HVAC PLAN
M-303B	THIRD FLOOR EAST HVAC PLAN
M-400A	UNDERSLAB WEST P&D PLAN
M-400B	UNDERSLAB EAST P&D PLAN
M-401A	GROUND FLOOR WEST P&D PLAN
M-401B	GROUND FLOOR EAST P&D PLAN
M-402A	SECOND FLOOR WEST P&D PLAN
M-402B	SECOND FLOOR EAST P&D PLAN
M-403A	THIRD FLOOR WEST P&D PLAN
M-403B	THIRD FLOOR EAST P&D PLAN
M-404A	ROOF WEST P&D PLAN
M-404B	ROOF EAST P&D PLAN
M-405A	RADON ROUGH-IN - WEST
M-405B	RADON ROUGH-IN - EAST



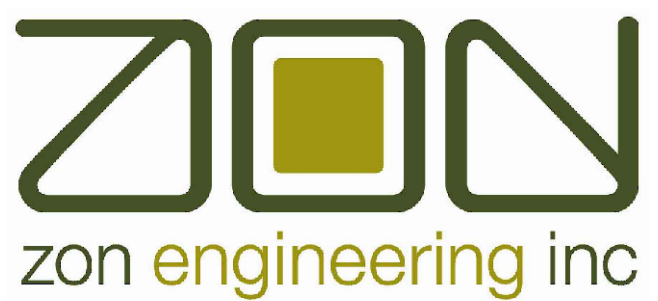
SITE PLAN

SCALE 1:150

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(416) 225-0343

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2	01-06-2026	ISSUED FOR PERMIT
1	29-05-2026	ISSUED FOR TENDER

ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001

PROJECT NAME:

ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER:

THCC1902

PLOT DATE:

2026-06-19

CHECKED BY:

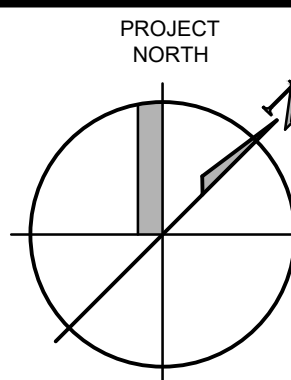
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SITE PLAN

DRAWING NUMBER:

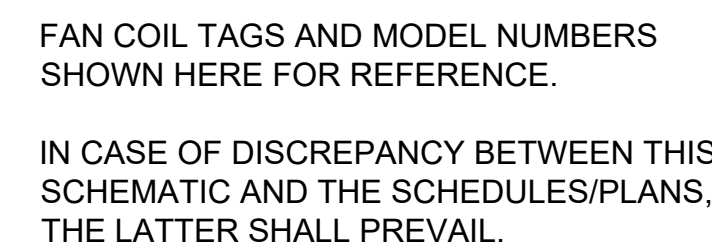
M-001

DIAGRAM SYMBOL LEGEND	
DISPLAY	DESCRIPTION
--- ---	POWER WIRE
_____	CONTROL WIRE
-----	REF. PIPE / WATER PIPE
--- ---	POWER SIGNAL WIRE

CU-1

208-230V/60Hz 3~ FUSE

PURY
-HP96TNU-A1

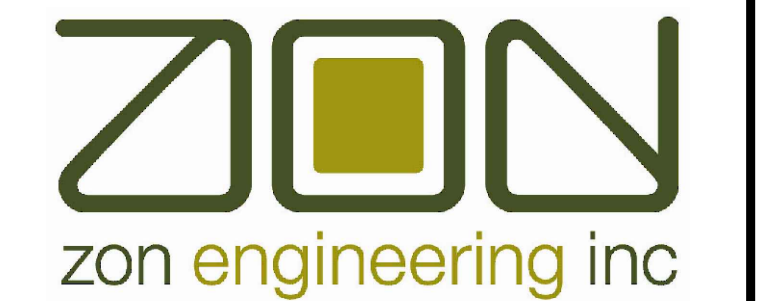


- NOTES:
1. ALL LOW VOLTAGE WIRING SHALL BE COMPLETED BY THE MECHANICAL CONTRACTOR.
 2. ALL LINE VOLTAGE WIRING SHALL BE COMPLETED BY THE ELECTRICAL CONTRACTOR
 3. ALL REFRIGERANT PIPING SHOWN FOR COORDINATION PRUPOSES. REFRIGERANT PIPING TO BE SIZED, INSTALLED AND TESTED BY A REFRIGERANT CONTRACTOR. REFRIGERANT CONTRACTOR SHALL BE RESPONSIBLE FOR ATTAINING ALL APPROVALS FROM TSSA.
 4. REFER TO FLOOR PLAN DRAWINGS FOR LOCATION OF ALL EQUIPMENT.
 5. APPROPRIATE CIRCUIT PROTECTION DEVICE IN ACCORDANCE WITH LOCAL GOVERNMENT REGULATIONS ARE MANDATORY, SUCH AS GFI (INVERTER TYPE) AND WB ETC.
 6. PLEASE REFER TO THE AMOUNT OF PRE-CHARGE AND THE FORMULA OF CALCULATING WHICH IS MENTIONED IN THE DATA BOOK.

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ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER: THCC1902	PROJECT NORTH
PLOT DATE: 2026-06-19	
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DRAWING TITLE:

CU-1 REFRIGERANT PIPING SCHEMATICS

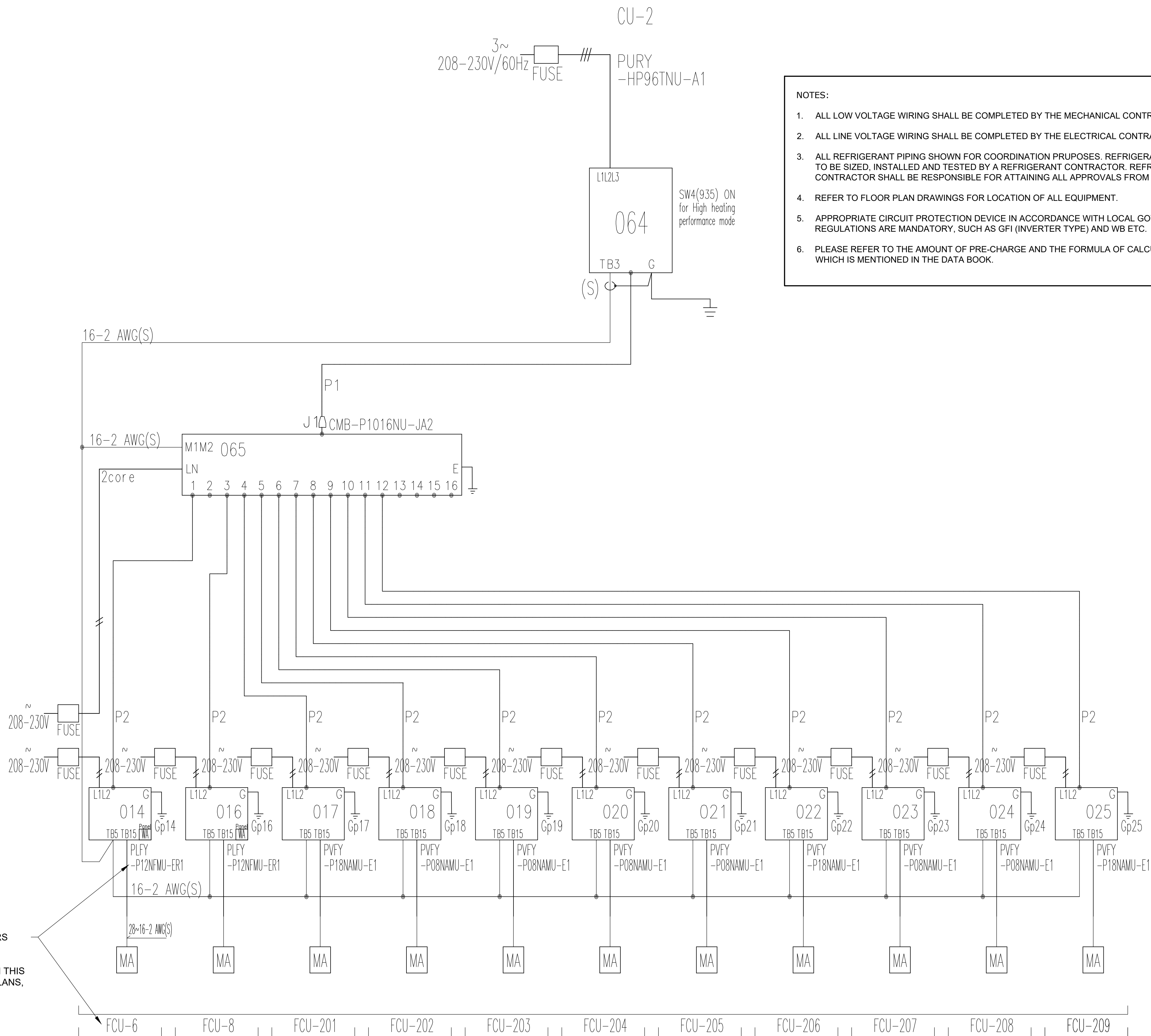
DRAWING NUMBER:

M-106

ONTARIO ABOGIRINAL HOUSING SERVICES

CITY MULTI SYSTEM SCHEMATIC DWG.

DIAGRAM SYMBOL LEGEND	
DISPLAY	DESCRIPTION
--- / ---	POWER WIRE
---	CONTROL WIRE
----	REF. PIPE / WATER PIPE
---	POWER SIGNAL WIRE



FAN COIL TAGS AND MODEL NUMBERS SHOWN HERE FOR REFERENCE.

IN CASE OF DISCREPANCY BETWEEN THIS SCHEMATIC AND THE SCHEDULES/PLANS, THE LATTER SHALL PREVAIL.

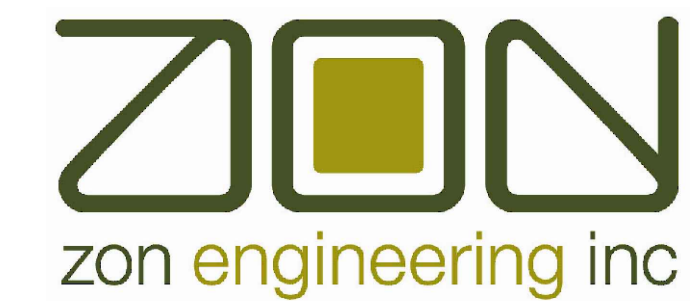
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- APPROPRIATE CIRCUIT PROTECTION DEVICE IN ACCORDANCE WITH LOCAL GOVERNMENT REGULATIONS ARE MANDATORY, SUCH AS GFI (INVERTER TYPE) AND WB ETC.
- PLEASE REFER TO THE AMOUNT OF PRE-CHARGE AND THE FORMULA OF CALCULATING WHICH IS MENTIONED IN THE DATA BOOK.

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ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001

PROJECT NAME:

ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER: THCC1902

PROJECT NORTH

PLOT DATE: 2026-06-19

CHECKED BY: AC

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SCALE: AS NOTED

DRAWING TITLE:

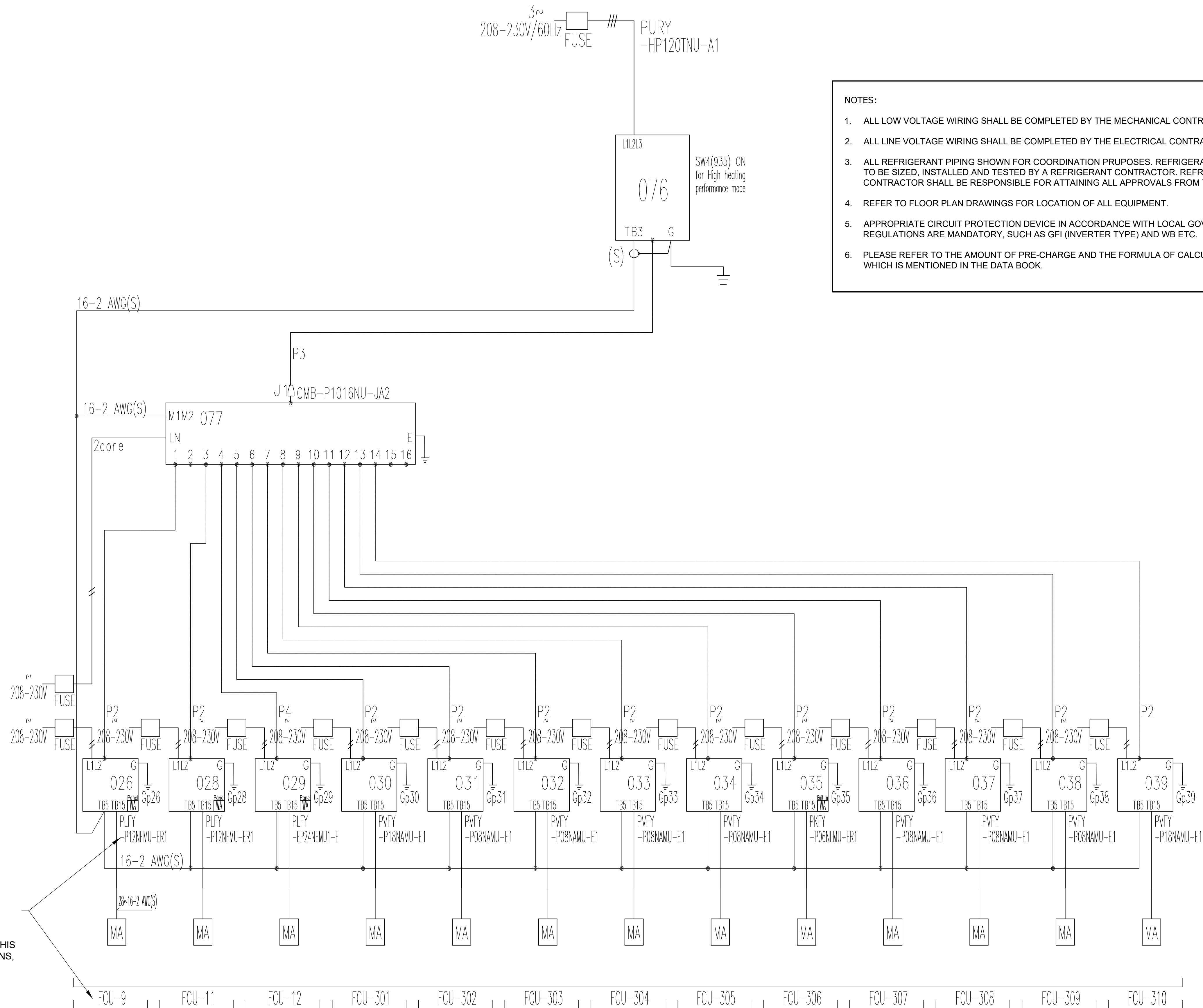
CU-2 REFRIGERANT PIPING
SCHEMATICS

DRAWING NUMBER:

M-107

DIAGRAM SYMBOL LEGEND	
DISPLAY	DESCRIPTION
--- ---	POWER WIRE
_____	CONTROL WIRE
-----	REF. PIPE / WATER PIPE
--- ---	POWER SIGNAL WIRE

CU-3



1. ALL LOW VOLTAGE WIRING SHALL BE COMPLETED BY THE MECHANICAL CONTRACTOR.
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3. ALL REFRIGERANT PIPING SHOWN FOR COORDINATION PURPOSES. REFRIGERANT PIPING TO BE SIZED, INSTALLED AND TESTED BY A REFRIGERANT CONTRACTOR. REFRIGERANT CONTRACTOR SHALL BE RESPONSIBLE FOR ATTAINING ALL APPROVALS FROM TSSA.
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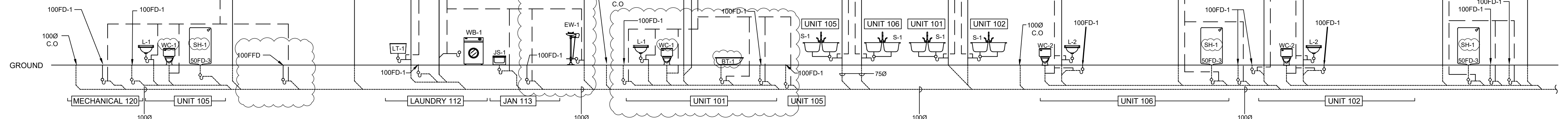
ONTARIO ABORIGINAL
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PLOT DATE: 2026-06-19	
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SCALE: AS NOTED	

CU-3 REFRIGERANT PIPING SCHEMATICS

M-108



WB-1	WASH BOX FOR WASH MACHINE	20	20	-	50	32	
EW-1	EMERGENCY EYEWASH	12	12	12	32	32	-

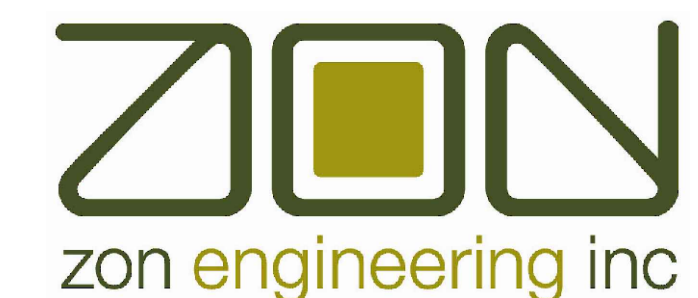
NOTES

- | | | |
|---|---|--|
| 1. ALL FLOOR/FUNNEL FLOOR/HUB DRAINS AND/OR RUNNING TRAPPS SHALL BE PROVIDED WITH A TRAP SEAL PRIMER AS PER THE ONTARIO BUILDING CODE PART 7. EACH RESIDENT WASHROOM SHALL BE PROVIDED WITH A MECHANICAL TRAP SEAL PRIMER TIGHT TO THE WATER LINE SERVING THE WC. THE MECHANICAL CONTRACTOR SHALL LOCATE THIS IN AN ACCESSIBLE LOCATION. | 6. MINIMUM LINE SIZE TO BE USED UNDERGROUND SHALL BE 75MM | 13. ABOVE GROUND SANITARY, STORM AND VENT PIPING SHALL BE COPPER TUBE TYPE DWV TO ASTM B306 WITH SOLDERED JOINTS OR CAST IRON PIPING AND FITTINGS TO CAN/CSA-B70 WITH NEOPRENE OR BUTYL RUBBER COMPRESSION MECHANICAL JOINT COUPLINGS WITH STAINLESS STEEL CLAMPS. |
| 2. EXACT LOCATION OF OVERHEAD SERVICES FOR HOT & COLD WATER, STORM AND VENT LINES SHALL BE COORDINATED WITH ALL HVAC, FIRE PROTECTION AND ELECTRICAL SERVICES. | 7. SLOPE FOR UNDERGROUND SANITARY PIPING SIZED 100MM AND GREATER IS 1% UNLESS OTHERWISE INDICATED. | 14. DOMESTIC COLD AND HOT WATER PIPING SHALL BE COPPER TUBE, HARD DRAWN, TYPE L TO ASTM B88M FOR ALL OTHER PIPING. |
| 3. MECHANICAL CONTRACTOR SHALL LAYOUT, SIZE AND INSTALL SANITARY VENT PER THE ONTARIO BUILDING CODE PART 7. | 8. ALL SANITARY PIPING SIZE 75MM AND SMALLER SHALL BE SLOPED 2% UNLESS OTHERWISE INDICATED. | |
| 4. MECHANICAL CONTRACTOR TO PROVIDE ACCESS DOORS FOR VALVES IN CEILING SPACE OR INSIDE WALL. | 9. PROVIDE CHECK VALVE, SHUT-OFF AND BALANCING VALVE ON ALL DHWR CONNECTIONS AND BALANCE TO 0.5 GPM. | |
| 5. THE PLUMBING DRAWINGS DO NOT SHOW ALL THE MECHANICAL, ARCHITECTURAL AND STRUCTURAL DETAILS. ANY INFORMATION INVOLVING ACCURATE DIMENSIONING OF THE BUILDING SHALL BE TAKEN FROM SITE. MAKE, WITHOUT ADDITIONAL CHARGE, ANY NECESSARY MODIFICATIONS OR ADDITIONS TO THE ROUTING OF DRAINS, PIPES, DUCTS, ETC. TO ACCOMMODATE THE SITE CONDITIONS. THE LOCATION OF EQUIPMENT MAY ALTERED, WITHOUT CHARGE, PROVIDING THE CHANGE IS MADE PRIOR TO THE INSTALLATION AND DOES NOT NECESSITATE MAJOR ADDITIONAL MATERIAL. | 10. ALL PLUMBING AND DRAINAGE SERVICES HAVE BEEN DESIGNED TO BE INSTALLED BELOW THE FIRE RATED DRYWALL STRAPPED TO THE BOTTOM OF THE FLOOR JOISTS. PROVIDE FIRE STOPPING AT VERTICAL PENETRATIONS THROUGH THIS DRYWALL BASED ON FIRE STOPPING MANUFACTURERS ULC INSTALLATION DETAILS. | |
| | 11. ALL STACK CLEANOUTS SHALL BE LOCATED WITHIN NON-PUBLIC CORRIDORS. | |
| | 12. BURIED SANITARY, STORM AND VENT PIPING 100MM OR SMALLER SHALL BE PVC DWV TO CAN/CSA-B181.2. ALL BURIED SANITARY, STORM AND VENT PIPING LARGER THAN 100MM SHALL BE PVC DR35 WITH RING-TITE JOINTS WITH LOCKED IN RUBBER RING SEALING FEATURE PROVIDING TIGHT FLEXIBLE SEAL. | |

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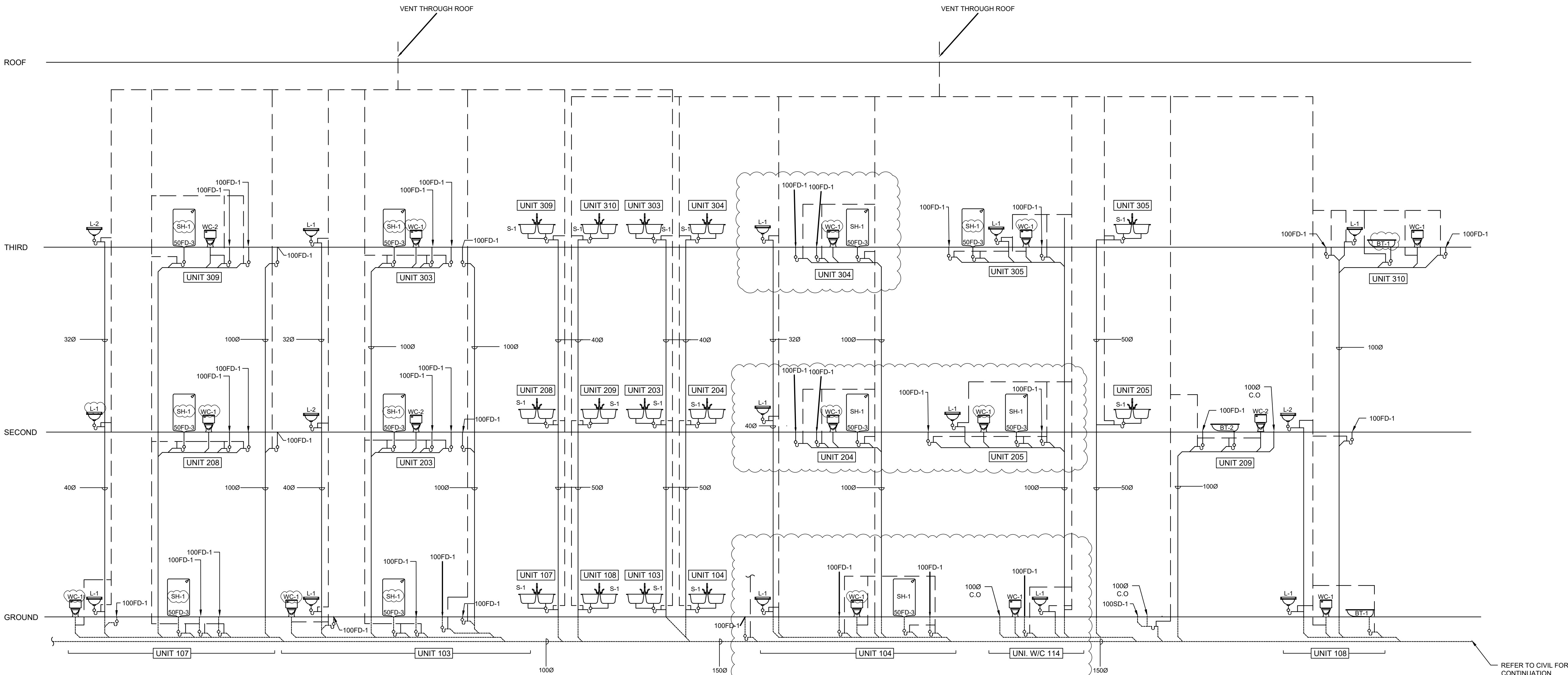
PROJECT NUMBER:	THCC1902
PLOT DATE:	2026-06-19
CHECKED BY:	AC
DRAWN BY:	AG
SCALE:	AS NOTED

DRAWING TITLE:

SANITARY PIPING
SCHEMATIC - WEST

DRAWING NUMBER:

M-109



PLUMBING FIXTURE SCHEDULE						
TYPE	FIXTURE	HOT WATER	COLD WATER	TEMPED WATER	WASTE	VENT
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40
WC-2	WATER CLOSET - BARRIER-FREE, FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40
L-1	LAVATORY - WALL MOUNTED, MANUAL FAUCET	12	12	-	32	32
L-2	LAVATORY - WALL MOUNTED, MANUAL FAUCET, BARRIER FREE	12	12	-	32	32
S-1	KITCHEN SINK - TWO COMPARTMENT, COUNTER MOUNTED	12	12	-	40	32
S-2	KITCHEN SINK - TWO COMPARTMENT COUNTER MOUNTED, BARRIER FREE	12	12	-	40	32
JS-1	JANITOR SINK- FLOOR MOUNTED, MANUAL FAUCET	20	20	-	75	32
LT-1	LAUNDRY TUB - COUNTER MOUNTED, MANUAL FAUCET	12	12	-	40	32
SH-1	SHOWER MANUAL MIXING SHOWER VALVE	12	12	-	50	32
BT-1	BATH TUB	12	12	-	40	32
BT-2	BATH TUB - BARRIER-FREE	12	12	-	40	32
WB-1	WASH BOX - FOR WASH MACHINE	20	20	-	60	32
EW-1	EMERGENCY EYEWASH	12	12	12	32	32

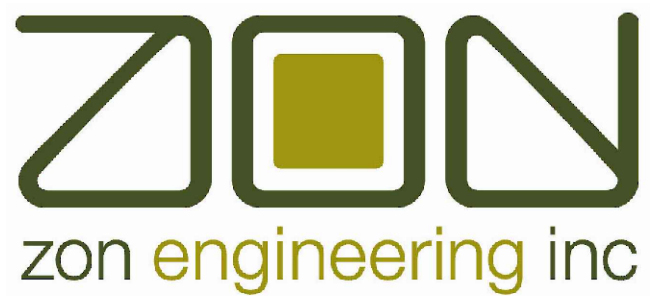
NOTES:

- ALL FLOOR/FUNNEL FLOOR/HUB DRAINS AND/OR RUNNING TRAPS SHALL BE PROVIDED WITH A TRAP SEAL PRIMER AS PER THE ONTARIO BUILDING CODE PART 7. EACH RESIDENT WASHROOM SHALL BE PROVIDED WITH A MECHANICAL TRAP SEAL PRIMER TSP-1 CONNECTED TO THE WATER LINE SERVING THE WC. THE MECHANICAL CONTRACTOR SHALL LOCATE THIS IN AN ACCESSIBLE LOCATION.
- EXACT LOCATION OF OVERHEAD SERVICES FOR HOT & COLD WATER, STORM AND VENT LINES SHALL BE COORDINATED WITH ALL HVAC, FIRE PROTECTION AND ELECTRICAL SERVICES.
- MECHANICAL CONTRACTOR SHALL LAYOUT, SIZE AND INSTALL SANITARY VENT PER THE ONTARIO BUILDING CODE PART 7.
- MECHANICAL CONTRACTOR TO PROVIDE ACCESS DOORS FOR VALVES IN CEILING SPACE OR INSIDE WALL.
- THE PLUMBING DRAWINGS DO NOT SHOW ALL THE MECHANICAL, ARCHITECTURAL AND STRUCTURAL DETAILS. ANY INFORMATION INVOLVING ACCURATE DIMENSIONING OF THE BUILDING SHALL BE TAKEN FROM SITE. MAKE, WITHOUT ADDITIONAL CHARGE, ANY NECESSARY MODIFICATIONS OR ADDITIONS TO THE ROUTING OF DRAINS, PIPES, DUCTS, ETC. TO ACCOMMODATE THE SITE CONDITIONS. THE LOCATION OF EQUIPMENT MAY ALTERED, WITHOUT CHARGE, PROVIDING THE CHANGE IS MADE PRIOR TO THE INSTALLATION AND DOES NOT NECESSITATE MAJOR ADDITIONAL MATERIAL.
- MINIMUM LINE SIZE TO BE USED UNDERGROUND SHALL BE 75MM
- SLOPE FOR UNDERGROUND SANITARY PIPING SIZED 100MM AND GREATER IS 1% UNLESS OTHERWISE INDICATED.
- ALL SANITARY PIPING SIZE 75MM AND SMALLER SHALL BE SLOPED 2% UNLESS OTHERWISE INDICATED.
- PROVIDE CHECK VALVE, SHUT-OFF AND BALANCING VALVE ON ALL DHWR CONNECTIONS AND BALANCE TO 0.5 GPM.
- ALL PLUMBING AND DRAINAGE SERVICES HAVE BEEN DESIGNED TO BE INSTALLED BELOW THE FIRE RATED DRYWALL STRAPPED TO THE BOOTTOM OF THE FLOOR JOISTS. PROVIDE FIRE STOPPING AT VERTICAL PENETRATIONS THROUGH THEIR DRYWALL BASED ON FIRE STOPPING MANUFACTURERS ULC INSTALLATION DETAILS.
- ALL STACK CLEANOUTS SHALL BE LOCATED WITHIN NON-PUBLIC CORRIDORS.
- BURIED SANITARY, STORM AND VENT PIPING 100MM OR SMALLER SHALL BE PVC DWV TO CAN/CSA-B181.2. ALL BURIED SANITARY, STORM AND VENT PIPING LARGER THAN 100MM SHALL BE PVC DR35 WITH RING-TITE JOINTS WITH LOCKED IN RUBBER RING SEALING FEATURE PROVIDING TIGHT FLEXIBLE SEAL.
- ABOVE GROUND SANITARY, STORM AND VENT PIPING SHALL BE COPPER TUBE TYPE DWV TO ASTM B306 WITH SOLDERED JOINTS OR CAST IRON PIPING AND FITTINGS TO CAN/CSA-B70 WITH NEOPRENE OR BUTYL RUBBER COMPRESSION MECHANICAL JOINT COUPLINGS WITH STAINLESS STEEL CLAMPS.
- DOMESTIC COLD AND HOT WATER PIPING SHALL BE, COPPER TUBE, HARD DRAWING, TYPE K TO ASTM B88M FOR MAIN RISERS AND COPPER TUBE, HARD DRAWN, TYPE L TO ASTM B88M FOR ALL OTHER PIPING.

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ATRIA II, SUITE 1701
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M2J 5B5
(416) 225-0343

DESIGNER STAMP:

3	19-06-2026	ISSUED FOR MECH. ADDENDUM M-001
2	01-06-2026	ISSUED FOR PERMIT
1	29-05-2026	ISSUED FOR TENDER

ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001

PROJECT NAME:

ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER: THCC1902

PLOT DATE: 2026-06-19

CHECKED BY: AC

DRAWN BY: AG

SCALE: AS NOTED

DRAWING TITLE:

SANITARY PIPING
SCHEMATIC - EAST

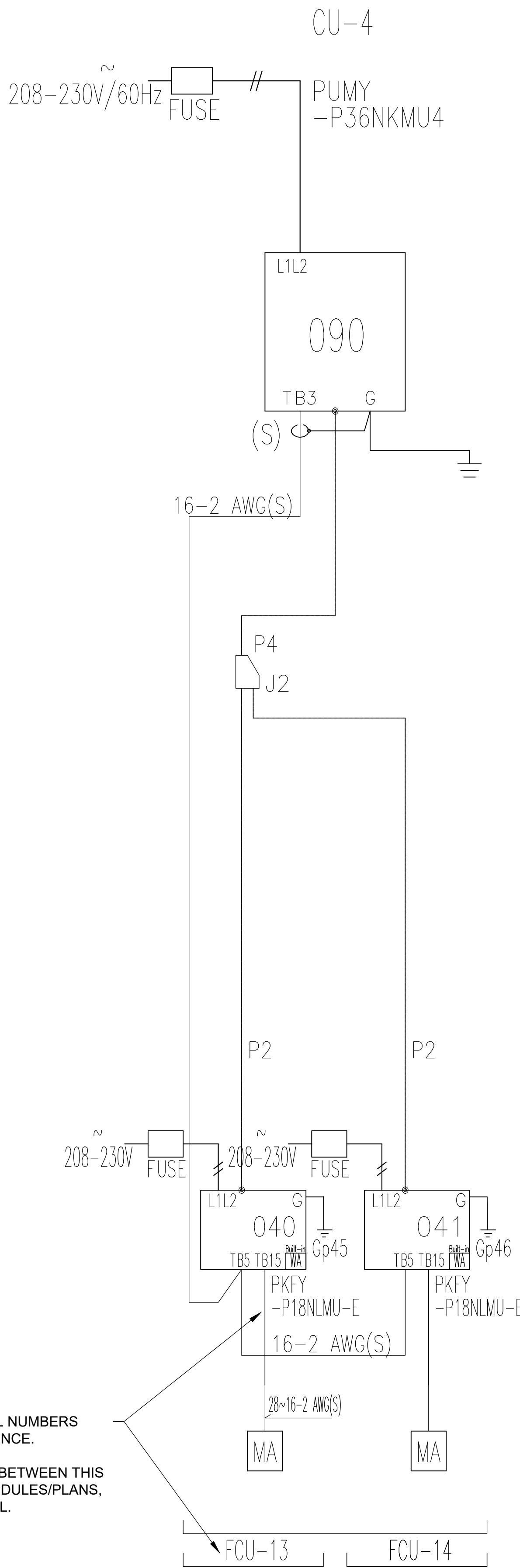
DRAWING NUMBER:

M-110

ONTARIO ABOGIRINAL HOUSING SERVICES

DIAGRAM	SYMBOL	LEGEND
DISPLAY		DESCRIPTION
--	---	POWER WIRE
---	---	CONTROL WIRE
----	----	REF. PIPE / WATER PIPE
---	---	POWER SIGNAL WIRE

CITY MULTI SYSTEM SCHEMATIC DWG.

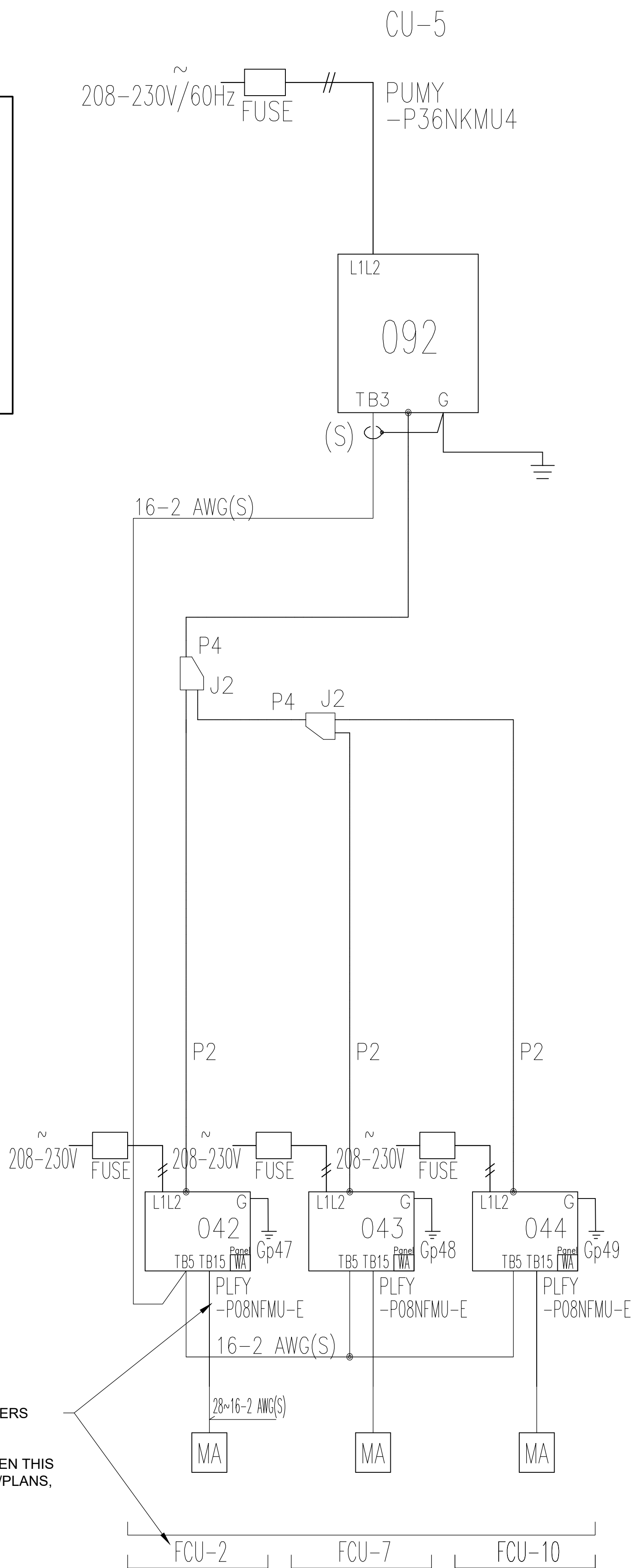


FAN COIL TAGS AND MODEL NUMBERS SHOWN HERE FOR REFERENCE.

IN CASE OF DISCREPANCY BETWEEN THIS SCHEMATIC AND THE SCHEDULES/PLANS, THE LATTER SHALL PREVAIL.

NOTES:

- ALL LOW VOLTAGE WIRING SHALL BE COMPLETED BY THE MECHANICAL CONTRACTOR.
- ALL LINE VOLTAGE WIRING SHALL BE COMPLETED BY THE ELECTRICAL CONTRACTOR.
- ALL REFRIGERANT PIPING SHOWN FOR COORDINATION PRUPOSES. REFRIGERANT PIPING TO BE SIZED, INSTALLED AND TESTED BY A REFRIGERANT CONTRACTOR. REFRIGERANT CONTRACTOR SHALL BE RESPONSIBLE FOR ATTAINING ALL APPROVALS FROM TSSA.
- REFER TO FLOOR PLAN DRAWINGS FOR LOCATION OF ALL EQUIPMENT.
- APPROPRIATE CIRCUIT PROTECTION DEVICE IN ACCORDANCE WITH LOCAL GOVERNMENT REGULATIONS ARE MANDATORY, SUCH AS GFI (INVERTER TYPE) AND WB ETC.
- PLEASE REFER TO THE AMOUNT OF PRE-CHARGE AND THE FORMULA OF CALCULATING WHICH IS MENTIONED IN THE DATA BOOK.



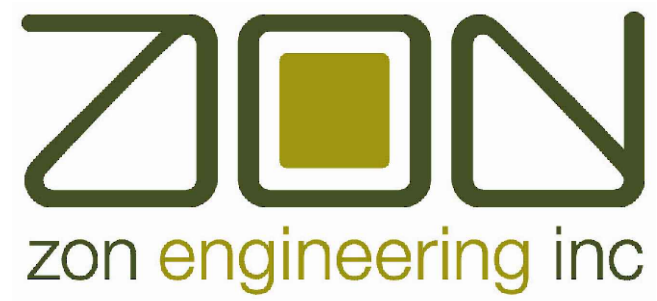
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PROJECT NAME:

ONTARIO ABORIGINAL
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ADDRESS:

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COBOURG, ON

PROJECT NUMBER:

THCC1902

PROJECT

NORTH

PLOT DATE:

2026-06-19

CHECKED BY:

AC

DRAWN BY:

AG

SCALE:

AS NOTED

DRAWING TITLE:

CU-4 & CU-5 REFRIGERANT
PIPING SCHEMATICS

DRAWING NUMBER:

M-113

VRV INDOOR UNIT SCHEDULE																							
TAG	LOCATION	MANUFACTURER	MODEL	FAN		COOLING				HEATING			REFRIGERANT	FILTER	WEIGHT (LBS)	DIMENSIONS W X H X D (MM)	ELECTRICAL CHARACTERISTICS						REMARKS
				AIR FLOW (CFM)	E.S.P. (IN.)	TOTAL (MBH)	SENSIBLE (MBH)	EAT DB/WB	LAT DB/WB	TOTAL (MBH)	EAT DB/WB	LAT DB/WB					VOLTAGE (V/Ph/Hz)	MAX FUSE (A)	MCA (A)	POWER TYPE	ACTIVE/STANDBY	CONTROL	
FCU-01	WEST CORRIDOR - 118a	mitsubishi	PLFY-P12NFMU-ER1	335		9.0	6.2	-	-	8.5	-	-	R-410a	MERV 8			208/1/60	15	0.29	NORMAL	ACTIVE	STANDALONE	4,5
FCU-02	LAUNDRY - 112	mitsubishi	PLFY-P08NFMU-E	315		7.7	5.5	-	-	6.7	-	-	R-410a	MERV 8			208/1/60	15	0.28	NORMAL	ACTIVE	STANDALONE	4,9
FCU-03	EAST CORRIDOR - 118b	mitsubishi	PLFY-P12NFMU-ER1	335		9.0	6.2	-	-	8.5	-	-	R-410a	MERV 8			208/1/60	15	0.29	NORMAL	ACTIVE	STANDALONE	4,5
FCU-04	115	mitsubishi	PEFY-P18NMAU-E5	883		13.5	10.7	-	-	12.5	-	-	R-410a	MERV 8			208/1/60	15	2.88	NORMAL	ACTIVE	STANDALONE	3,5,10
FCU-05	LOBBY - 116	mitsubishi	PEFY-P12NMAU-E4	371		9.0	6.4	-	-	8.4	-	-	R-410a	MERV 8			208/1/60	15	2.13	NORMAL	ACTIVE	STANDALONE	3,5,10
FCU-06	WEST CORRIDOR - 218a	mitsubishi	PLFY-P12NFMU-ER1	335		9.2	6.3	-	-	8.6	-	-	R-410a	MERV 8			208/1/60	15	0.29	NORMAL	ACTIVE	STANDALONE	4,6
FCU-07	LAUNDRY - 212	mitsubishi	PLFY-P08NFMU-ER1	315		7.7	5.5	-	-	6.7	-	-	R-410a	MERV 8			208/1/60	15	0.28	NORMAL	ACTIVE	STANDALONE	4,9
FCU-08	EAST CORRIDOR - 218b	mitsubishi	PLFY-P12NFMU-ER1	335		9.2	6.3	-	-	8.6	-	-	R-410a	MERV 8			208/1/60	15	0.29	NORMAL	ACTIVE	STANDALONE	4,6
FCU-09	WEST CORRIDOR - 318a	mitsubishi	PLFY-P12NFMU-ER1	335		9.4	6.4	-	-	7.4	-	-	R-410a	MERV 8			208/1/60	15	0.29	NORMAL	ACTIVE	STANDALONE	4,7
FCU-10	LAUNDRY - 312	mitsubishi	PLFY-P08NFMU-ER1	315		7.7	5.5	-	-	6.7	-	-	R-410a	MERV 8			208/1/60	15	0.28	NORMAL	ACTIVE	STANDALONE	4,9
FCU-11	EAST CORRIDOR - 318b	mitsubishi	PLFY-P12NFMU-ER1	335		9.4	6.4	-	-	7.4	-	-	R-410a	MERV 8			208/1/60	15	0.29	NORMAL	ACTIVE	STANDALONE	4,7
FCU-12	STAIR A	mitsubishi	PLFY-EP24NEMU1-E	812		18.8	13.4	-	-	14.9	-	-	R-410a	MERV 8			208/1/60	15	0.54	NORMAL	ACTIVE	STANDALONE	4,7
FCU-13	MECHANICAL ROOM - 120	mitsubishi	PKFY-P18NLMU-E	438		17.3	11.0	-	-	10.1	-	-	R-410a	MERV 8			208/1/60	15	0.24	NORMAL	ACTIVE	STANDALONE	2,8
FCU-14	ELECTRICAL ROOM - 119	mitsubishi	PKFY-P18NLMU-E	438		17.3	11.0	-	-	10.1	-	-	R-410a	MERV 8			208/1/60	15	0.24	NORMAL	ACTIVE	STANDALONE	2,8
FCU-101	BEDROOM 101	mitsubishi	PVFY-P18NAMU-E1	585		13.5	10.7			12.5			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,5,10, 11
FCU-102	BEDROOM 102	mitsubishi	PVFY-P08NAMU-E1	400		6.0	4.5			5.6			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,5,10, 11
FCU-103	BEDROOM 103	mitsubishi	PVFY-P08NAMU-E1	400		6.0	4.5			5.6			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,5,10, 11
FCU-104	BEDROOM 104	mitsubishi	PVFY-P08NAMU-E1	400		6.0	4.5			5.6			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,5,10, 11
FCU-105	BEDROOM 105	mitsubishi	PVFY-P08NAMU-E1	400		6.0	4.5			5.6			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,5,10, 11
FCU-106	BEDROOM 106	mitsubishi	PVFY-P08NAMU-E1	400		6.0	4.5			5.6			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,5,10, 11
FCU-107	BEDROOM 107	mitsubishi	PVFY-P08NAMU-E1	400		6.0	4.5			5.6			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,5,10, 11
FCU-108	BEDROOM 108	mitsubishi	PEFY-P08NAMU-E4	300		6.0	4.5			5.6			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	3,5,10, 11
FCU-201	BEDROOM 201	mitsubishi	PVFY-P18NAMU-E1	585		13.7	10.8			12.8			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,6,10, 11
FCU-202	BEDROOM 202	mitsubishi	PVFY-P08NAMU-E1	400		6.1	4.5			5.8			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,6,10, 11
FCU-203	BEDROOM 203	mitsubishi	PVFY-P08NAMU-E1	400		6.1	4.5			5.8			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,6,10, 11
FCU-204	BEDROOM 204	mitsubishi	PVFY-P08NAMU-E1	400		6.1	4.5			5.8			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,6,10,11
FCU-205	BEDROOM 205	mitsubishi	PVFY-P08NAMU-E1	400		6.1	4.5			5.8			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,6,10,11
FCU-206	BEDROOM 206	mitsubishi	PVFY-P18NAMU-E1	585		13.7	10.8			12.8			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,6,10,11
FCU-207	BEDROOM 207	mitsubishi	PVFY-P08NAMU-E1	400		6.1	4.5			5.8			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,6,10,11
FCU-208	BEDROOM 208	mitsubishi	PVFY-P08NAMU-E1	400		6.1	4.5			5.8			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,6,10,11
FCU-209	BEDROOM 209	mitsubishi	PVFY-P18NAMU-E1	585		13.7	10.8			12.8			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,6,10,11
FCU-301	BEDROOM 301	mitsubishi	PVFY-P18NAMU-E1	585		14.1	10.9			11.0			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,7,10,11
FCU-302	BEDROOM 302	mitsubishi	PVFY-P08NAMU-E1	400		6.3	4.6			5.0			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,7,10,11
FCU-303	BEDROOM 303	mitsubishi	PVFY-P08NAMU-E1	400		6.3	4.6			5.0			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,7,10,11
FCU-304	BEDROOM 304	mitsubishi	PVFY-P08NAMU-E1	400		6.3	4.6			5.0			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,7,10,11
FCU-305	BEDROOM 305	mitsubishi	PVFY-P08NAMU-E1	400		6.3	4.6			5.0			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,7,10,11
FCU-306	BEDROOM 306	mitsubishi	PKFY-P06NLMU-ER1	191		4.7	3.4			3.7			R-410a	MERV 8			208/1/60	15	0.24	NORMAL	ACTIVE	STANDALONE	1,2,7,
FCU-307	BEDROOM 307	mitsubishi	PVFY-P08NAMU-E1	400		6.3	4.6			5.0			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,7,10,11
FCU-308	BEDROOM 308	mitsubishi	PVFY-P08NAMU-E1	400		6.3	4.6			5.0			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,7,10,11
FCU-309	BEDROOM 309	mitsubishi	PVFY-P08NAMU-E1	400		6.3	4.6			5.0			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,7,10,11
FCU-310	BEDROOM 310	mitsubishi	PVFY-P18NAMU-E1	585		14.1	10.9			11.0			R-410a	MERV 8			208/1/60	15	3	NORMAL	ACTIVE	STANDALONE	1,7,10,11

- REMARKS:
- UNIT PROVIDED C/W ELECTRIC HEATING COIL FOR BACKUP. REFER TO ELECTRIC REHEAT COIL SCHEDULE FOR INFORMATION.
 - HORIZONTAL WALL MOUNTED DUCTLESS UNIT.
 - HORIZONTAL DUCTED CEILING SUSPENDED UNIT.
 - CEILING CASSETTE UNIT.
 - UNIT SERVED BY CONDENSING UNIT CU-01.
 - UNIT SERVED BY CONDENSING UNIT CU-02.
 - UNIT SERVED BY CONDENSING UNIT CU-03.
 - UNIT SERVED BY CONDENSING UNIT CU-04.
 - UNIT SERVED BY CONDENSING UNIT CU-05.
 - PROVIDE UNIT WITH MERV 8 FILTER BOX.
 - VERTICAL FLOOR MOUNT UNIT SHALL BE PROVIDED WITH ELEVATED STAND TO ACCOMODATE BOTTOM RETURN AIR INLET.
 - PROVIDE ONE PAR-40MAU WALL MOUNTED WIRED CONTROLLER. INSTALLATION HEIGHT AS PER OWNER/ARCHITECT REQUIREMENTS.

VRV CONDENSING UNIT SCHEDULE															
TAG	LOCATION	MANUFACTURER	MODEL	COOLING CAPACITY (BTU/HR)	HEATING CAPACITY (BTU/HR)	REFRIGERANT	WEIGHT (LBS)	DIMENSIONS L X W X H (MM)	ELECTRICAL CHARACTERISTICS						REMARKS
									VOLTAGE (V/Ph/Hz)	MAX FUSE (A)	MCA (A)	POWER TYPE	ACTIVE/STANDBY	CONTROL	
CU-1	GROUND LEVEL	mitsubishi	PURY-HP96TNU-A1	96,000	97,200	R-410a	653	1241 X 745 X 1819	208/3/60	110	66	NORMAL	ACTIVE	STANDALONE	1,2,3
CU-2	GROUND LEVEL	mitsubishi	PURY-HP96TNU-A1	96,000	97,200	R-410a	653	1241 X 745 X 1819	208/3/60	110	66	NORMAL	ACTIVE	STANDALONE	1,2,3
CU-3	GROUND LEVEL	mitsubishi	PURY-HP120TNU-A1	120,000	99,900	R-410a	653	1241 X 745 X 1819	208/3/60	110	66	NORMAL	ACTIVE	STANDALONE	1,2,3
CU-4	GROUND LEVEL	mitsubishi	PUMY-P36NKMJ4	36,000	41,000	R-410a	271	1338 X 330 X 1050	208/1/60	70	42	NORMAL	ACTIVE	STANDALONE	1,2,3
CU-5	GROUND LEVEL	mitsubishi	PUMY-P36NKMJ4	36,000	41,000	R-410a	271	1338 X 330 X 1050	208/1/60	70	42	NORMAL	ACTIVE	STANDALONE	1,2,3

- REMARKS:
- UNIT SHALL BE SELECTED FOR 95F AMBIENT FOR COOLING AND -10F AMBIENT FOR HEATING
 - UNIT SHALL BE PROVIDED WITH RAISED STAND TO ELEVATE THE UNIT 600MM ABOVE GRADE TO AVOID SNOW COLLECTED.
 - PROVIDE ONE MISTUBISHI AE-200A CENTRAL CONTROLLER WIRED TO ALL VRF SYSTEMS. LOCATE IN MECH ROOM 1200MM A.F.F TO CENTERLINE OF CONTROLLER.

VRV BRANCH SELECTOR BOX SCHEDULE														
TAG	LOCATION	MANUFACTURER	MODEL	REFRIGERANT	NUMBER OF BRANCHES	WEIGHT (LBS)	DIMENSIONS L X W X H (MM)	ELECTRICAL CHARACTERISTICS						REMARKS
								VOLTAGE (V/Ph/Hz)	MAX FUSE (A)	MCA (A)	POWER TYPE	ACTIVE/STANDBY	CONTROL	
BC-1	WEST CORRIDOR - 118a	mitsubishi	CMB-P1016NU-J1	R-410a	16	131	1135 X 545 X 252	208/1/60	15	1.47	NORMAL	ACTIVE	STANDALONE	1
BC-2	WEST CORRIDOR - 218a	mitsubishi	CMB-P1016NU-J1	R-410a	16	131	1135 X 545 X 252	208/1/60	15	1.47	NORMAL	ACTIVE	STANDALONE	1
BC-3	WEST CORRIDOR - 318a	mitsubishi	CMB-P1016NU-J1	R-410a	16	131	1135 X 545 X 252	208/1/60	15	1.47	NORMAL	ACTIVE	STANDALONE	1
REMARKS: 1. BRANCH SELECTOR BOXES SHALL BE HORIZONTALLY SUSPENDED WITHIN THE CEILING SPACE, REFER TO MECHANICAL DRAWINGS.														

- REMARKS:
- BRANCH SELECTOR BOXES SHALL BE HORIZONTALLY SUSPENDED WITHIN THE CEILING SPACE, REFER TO MECHANICAL DRAWINGS.

ENERGY RECOVERY VENTILATOR SCHEDULE																								
TAG	LOCATION	MANUFACTURER	MODEL	SYSTEM	FAN		WINTER TEMPERATURES (F)		SUMMER TEMPERATURES (F)		WINTER RECOVERY		SUMMER RECOVERY		FILTER	WEIGHT (LBS)	DIMENSIONS L X W X H (MM)	ELECTRICAL CHARACTERISTICS						REMARKS
					AIR FLOW (CFM)	E.S.P. (IN.)	EAT DB/WB	LAT DB/WB	EAT DB/WB	LAT DB/WB	SENSIBLE	TOTAL	SENSIBLE	TOTAL				VOLTAGE (V/Ph/Hz)	MAX FUSE (A)	MCA (A)	POWER TYPE	ACTIVE/STANDBY	CONTROL	
ERV-1	1 BED SUITES/BACHELOR	RENEWAIRE	EV PREMIUM S	SUPPLY AIR	60	0.30	-9.4/-10.4	53.5/42.3	84/73.4	77/67.8	-	-	-	-	MERV 8	32	650 X 575 X 250	120/1/60	15	15	NORMAL	ACTIVE	STANDALONE	1,2
				EXHAUST AIR	60	0.30	73/55	-	75/62.5	-	-	-	-	MERV 8										
ERV-2	2 BEDROOM SUITES	RENEWAIRE	EV PREMIUM S	SUPPLY AIR	80	0.30	-9.4/-10.4	50.4/40	84/73.4	77.4/68.5	-	-	-	-	MERV 8	32	650 X 575 X 250	120/1/60	15	15	NORMAL	ACTIVE	STANDALONE	1,2
				EXHAUST AIR	80	0.30	72/54.3	-	75/62.5	-	-	-	-	MERV 8										
ERV-3	3 BEDROOM SUITES	RENEWAIRE	EV PREMIUM S	SUPPLY AIR	100	0.30	-9.4/-10.4	47.3/37.6	84/73.4	77.7/69.1	-	-	-	-	MERV 8	32	650 X 575 X 320	120/1/60	15	15	NORMAL	ACTIVE	STANDALONE	1,2
				EXHAUST AIR	100	0.30	72/54.3	-	75/62.5	-	-	-	-	MERV 8										
ERV-4	MECHANICAL ROOM 120	RENEWAIRE	EV PREMIUM MH	SUPPLY AIR	150	0.30	-9.4/-10.4	46.6/37.1	84/73.4	77.8/69.3	-	-	-	-	MERV 8	36	665 X 575 X 320	120/1/60	15	15	NORMAL	ACTIVE	STANDALONE	1,2
				EXHAUST AIR	150	0.30	72/54.3	-	75/62.5	-	-	-	-	MERV 8										
ERV-5	AMMENITY ROOM 115	RENEWAIRE	EV PREMIUM MH	SUPPLY AIR	175	0.30	-9.4/-10.4	43.9/34.9	84/73.4	78.1/69.8	-	-	-	-	MERV 8	36	665 X 575 X 320	120/1/60	15	15	NORMAL	ACTIVE	STANDALONE	1,2
				EXHAUST AIR	175	0.30	72/54.3	-	75/62.5	-	-	-	-	MERV 8										

ELECTRIC FORCE FLOW HEATER SCHEDULE												
TAG	LOCATION	MANUFACTURER	MODEL	CAPACITY (WATTS)	DIMENSIONS W X H (MM)	ELECTRICAL CHARACTERISTICS						REMARKS
						VOLTAGE (V/Ph/Hz)	MAX FUSE (A)	MCA (A)	POWER TYPE	ACTIVE/STANDBY	CONTROL	
FFH-1	STAIR B	OUELLET	OACO2008-T	2000	408 X 561	208/1/60	-	-	NORMAL	ACTIVE	STANDALONE	1,3,4
FFH-2	STAIR A	OUELLET	OACO2008-T	2000	408 X 561	208/1/60	-	-	NORMAL	ACTIVE	STANDALONE	1,3,4
FFH-3	VESTIBULE - 117	OUELLET	OACO6038-T	6000	810 X 561	208/3/60	-	-	NORMAL	ACTIVE	STANDALONE	1,2,3
FFH-4	CORRIDOR - 118	OUELLET	OACO2008-T	2000	408 X 561	208/1/60	-	-	NORMAL	ACTIVE	STANDALONE	1,3,4
REMARKS: 1. PROVIDE WITH BUILT-IN THERMOSTAT INCLUDED WITH CONTROL KNOB. 2. SURFACE MOUNT FORCE FLOW HEATER. 3. THE FINAL INSTALLATION LOCATION OF ALL ELECTRIC HEATERS SHALL BE REVIEWED ON SITE PRIOR TO INSTALLATION. 4. RECESSED FORCED FLOW HEATER.												

ELECTRIC UNIT HEATER SCHEDULE												
TAG	LOCATION	MANUFACTURER	MODEL	CAPACITY (WATTS)	DIMENSIONS W X H (MM)	ELECTRICAL CHARACTERISTICS						REMARKS
						VOLTAGE (V/Ph/Hz)	MAX FUSE (A)	MCA (A)	POWER TYPE	ACTIVE/STANDBY	CONTROL	
UH-1	GENERATOR ROOM 110	OUELLET	OAS03008AM	3000	419 X 309	208/1/60	-	-	NORMAL	ACTIVE	STANDALONE	1
REMARKS: 1. PROVIDE REMOTE MOUNTED THERMOSTAT INCLUDED WITH CONTROL KNOB.												

HEAT PUMP HOT WATER TANK SCHEDULE																
TAG	LOCATION	MANUFACTURER	MODEL	CAPACITY (GAL)	INPUT (MBH)	OUTPUT (MBH)	RECOVERY RATE AT 90° RISE (GPH)	WEIGHT (LBS)	DIMENSIONS W X H (MM)	ELECTRICAL CHARACTERISTICS						REMARKS
										VOLTAGE (V/Ph/Hz)	MAX FUSE (A)	FLA (A)	POWER TYPE	ACTIVE/STANDBY	CONTROL	
DHW-1	HALLWAY CLOSETS	RHEEM	CPROPH80 RH375-SO	80			27	261	615 X 1885	240/1/60	21	5	NORMAL	ACTIVE	LOCAL	1,2,3,4
REMARKS: 1. PROVIDE DRAIN PAN C/W NEOPRENE VIBRATION ISOLATION PAD UNDER ENTIRE SURFACE. 2. BUILT-IN LEAK DETECTION SYSTEM, LED SCREEN WITH BUILT-IN WATER SENSOR ALTER AND AUDIBLE ALARM, ECONET WIFI CONNECTION. 3. 4. PROVIDE OUTLET AIR DUCTED.																

GRILLE AND DIFFUSER SCHEDULE							REMARKS
TAG	MANUFACTURER	MODEL	SERVICE	MOUNTING	COLOUR		
A	E.H. PRICE	SPD	S/A	T-BAR OR DRYWALL	WHITE	SQUARE PLATE DIFFUSER, 600MM X 600MM MODULE, STEEL CONSTRUCTION, POWDER COAT FINISH.	
A1	E.H. PRICE	SPD	S/A	T-BAR OR DRYWALL	WHITE	SQUARE PLATE DIFFUSER, 300MM X 300MM MODULE, STEEL CONSTRUCTION, POWDER COAT FINISH.	
A2	INVI AIR	R100	S/A	DRYWALL	WHITE	1 SLOT ROUND DIFFUSER, 300MM MODULE, 325MM X 325MM PLENUM BOX C/W 150MM ROUND DUCT CONNECTION, ALUMINUM CONSTRUCTION, POWDER COAT FINISH.	
BG	E.H. PRICE	LBP-15A	S/A OR R/A	DRYWALL	WHITE	LINEAR BAR GRILLE, 1/4" SPACING, 1/8" BARS, 0° DEFLECTION, CORE 15A, 3/4" FRAME, CONCEAL MOUNTING, ALUMINUM CONSTRUCTION AND POWDERCOAT FINISH.	
D	E.H. PRICE	SERIES 520	S/A	DRYWALL OR DUCT	DUCT - MILL DRYWALL - WHITE	DOUBLE DEFLECTION GRILLE, STEEL CONSTRUCTION, LOOSE BALANCING DAMPER, POWDER COAT FINISH.	
G1	E.H. PRICE	SERIES 10	R/A	T-BAR OR DRYWALL	WHITE	PERFORATED GRILLE, LAY-IN FOR T-BAR AND MUD-IN FRAME FOR DRYWALL, STEEL CONSTRUCTION, POWDER COAT FINISH.	
G2	E.H. PRICE	SERIES 530 WITH RAS	R/A	DRYWALL	WHITE	LOUVERED FACE RETURN GRILLE WITH RAS TRANSFER SILENCER, MUD-IN FRAME, STEEL COSNTRUCTION, POWDER COAT FINISH	
G3	E.H. PRICE	SERIES 530	R/A	DRYWALL	WHITE	LOUVERED FACE RETURN GRILLE, MUD-IN FRAME, STEEL CONSTRUCTION, POWDER COAT FINISH	
G4	E.H. PRICE	ATGH	R/A	DOOR	WHITE	LOUVERED FACE SIGHT-PROOF, TRANSFER GRILLE, DOOR MOUNTED, ALUMINIUM HEAVY DUTY CONSTRUCTION, POWDER COAT FINISH	
LSP(No) - LENGTH (No) = # of slots	E.H. PRICE	SDS-100	S/A	T-BAR OR DRYWALL	WHITE	1" LINEAR SLOT DIFFUSER (SDB PLENUM FOR SUPPLY), LAY-IN FOR T-BAR AND MUD-IN FRAME FOR DRYWALL, ALUMINIUM CONSTRUCTION, POWDER COAT FINISH	
LSC(No) - LENGTH (No) = # of slots	E.H. PRICE	SDS-100	S/A	T-BAR OR DRYWALL	WHITE	1" LINEAR SLOT DIFFUSER (CUSTOM BUILD PLENUM BOX FOR SUPPLY, REFER TO DRAWINGS), LAY-IN FOR T-BAR AND MUD-IN FRAME FOR DRYWALL, ALUMINIUM CONSTRUCTION, POWDER COAT FINISH	
LR(No) - LENGTH (No) = # of slots	E.H. PRICE	SDR-100	R/A	T-BAR OR DRYWALL	WHITE	1" LINEAR SLOT DIFFUSER, LAY-IN FOR T-BAR AND MUD-IN FRAME FOR DRYWALL, ALUMINUM CONSTRUCTION, POWDER COAT FINISH	
LRC(No) - LENGTH (No) = # of slots	E.H. PRICE	SDR-100	R/A	T-BAR OR DRYWALL	WHITE	1" LINEAR SLOT DIFFUSER (CUSTOM BUILD PLENUM BOX FOR RETURN, REFER TO DRRAWINGS), LAY-IN FOR T-BAR AND MUD-IN FRAME FOR DRYWALL, ALUMINIUM CONSTRUCTION, POWDER COAT FINISH	

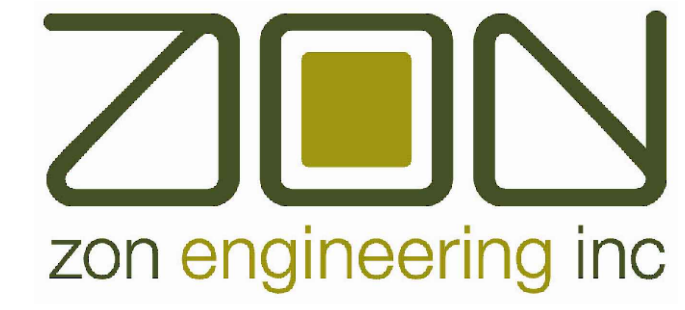
HYDRONIC EXPANSION TANK SCHEDULE											
TAG	LOCATION	SYSTEM SERVED	MANUFACTURER	MODEL	TEMPERATURE (F)		PRESSURE (PSI)		VOLUME (GAL)		REMARKS
					MIN	MAX	MIN	MAX	EXPANDED	TOTAL	
ET-1	MECH RM. 120	DOMESTIC COLD WATER	WATTS	DETA-125	90	140	40	78	10.52	59.85	
REMARKS: 1. INITIAL PRESSURE IS 52 PSI, PRV SHALL BE SET TO 62 PSI.											

ELECTRIC REHEAT COILSCHEDULE																
TAG	LOCATION	MANUFACTURER	MODEL	SERVICE	AIR FLOW (CFM)	OUTPUT (KW)	EAT/LAT (F)	DUCT SIZE W X H (MM)	ELECTRICAL CHARACTERISTICS						REMARKS	
									VOLTAGE (V/Ph/Hz)	MAX FUSE (A)	MCA (A)	POWER TYPE	ACTIVE/STANDBY	CONTROL		
RHE-101	FCU-101	mitsubishi	EH03-MPA-S	SUPPLY AIR	497	2.3	67/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-102	FCU-102	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-103	FCU-103	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-104	FCU-104	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-105	FCU-105	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	67/84	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-106	FCU-106	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	67/84	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-107	FCU-107	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	67/84	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-108	FCU-108	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	67/84	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-201	FCU-201	mitsubishi	EH03-MPA-S	SUPPLY AIR	497	2.3	67/80	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-202	FCU-202	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-203	FCU-203	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-204	FCU-204	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-205	FCU-205	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-206	FCU-206	mitsubishi	EH03-MPA-S	SUPPLY AIR	585	2.3	68/77	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-207	FCU-207	mitsubishi	EH03-MPA-S	SUPPLY AIR	340	2.3	67/81	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-208	FCU-208	mitsubishi	EH03-MPA-S	SUPPLY AIR	340	2.3	67/81	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-209	FCU-209	mitsubishi	EH03-MPA-S	SUPPLY AIR	585	2.3	69/80	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-301	FCU-301	mitsubishi	EH03-MPA-S	SUPPLY AIR	497	3.8	67/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-302	FCU-302	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-303	FCU-303	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-304	FCU-304	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	65/82	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-305	FCU-305	mitsubishi	EH03-MPA-S	SUPPLY AIR	280	2.3	66/83	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-306	UNIT 306	THERMOLEC	-	SUPPLY AIR	130	1	66/81	150	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,5	
RHE-307	FCU-307	mitsubishi	EH03-MPA-S	SUPPLY AIR	340	2.3	67/81	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-308	FCU-308	mitsubishi	EH03-MPA-S	SUPPLY AIR	340	2.3	67/81	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-309	FCU-309	mitsubishi	EH03-MPA-S	SUPPLY AIR	340	2.3	67/81	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
RHE-310	FCU-310	mitsubishi	EH03-MPA-S	SUPPLY AIR	585	2.3	68/79	300 X 250	208/1/60	-	-	NORMAL	STANDBY	STANDALONE	1,2,3,4	
REMARKS: 1. PROVIDE AIR FLOW PROVING SENSOR, DISCONNECT SWITCH AND INTERLOCK WITH SUPPLY FAN. AIR PROVING SENSOR SHALL BE REMOTE MOUNTED BY THE MECHANICAL CONTRACTOR. 2. PROVIDE BUILT-IN ELECTRONIC TEMPERATURE CONTROLLER AND AUTOMATIC CUT-OFF. SUPPLY AIR TEMPERATURE SENSOR SHALL BE REMOTE MOUNTED BY THE MECHANICAL CONTRACTOR. 3. DUCT HEATER TEMPERATURE CONTROLLER SHALL BE PROVIDED WITH SCR CONTROL. 4. DUCT MOUNTED IN SUPPLY AIR DUCTWORK DOWNSTREAM OF VRV INDOOR UNIT. 5. DUCT MOUNTED IN SUPPLY AIR DUCTWORK DOWNSTREAM OF ERV.																

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InVision Engineering Solutions

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(416) 225-0343

DESIGNER STAMP:

3	19-06-2026	ISSUED FOR MECH. ADDENDUM M-001
2	01-06-2026	ISSUED FOR PERMIT
1	29-05-2026	ISSUED FOR TENDER

ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001

PROJECT NAME:

ONTARIO ABORIGINAL HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER: THCC1902	PROJECT NORTH
PLOT DATE: 2026-06-19	
CHECKED BY: AC	
DRAWN BY: AG	
SCALE: AS NOTED	

DRAWING TITLE:

MECHANICAL SCHEDULES
SHEET 2

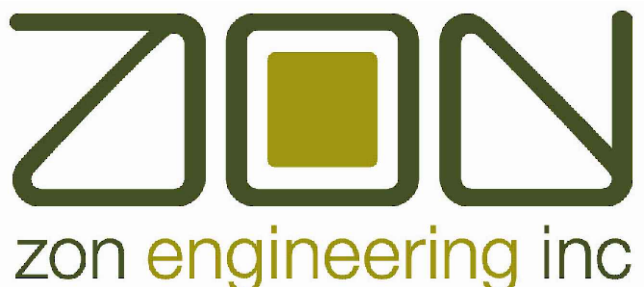
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M-202

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PROJECT NAME:

ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

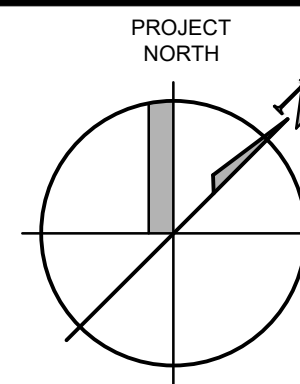
PROJECT NUMBER:
THCC1902

PLOT DATE:
2026-06-19

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AG

SCALE:
1:50



DRAWING TITLE:

GROUND FLOOR WEST
HVAC PLAN

DRAWING NUMBER:

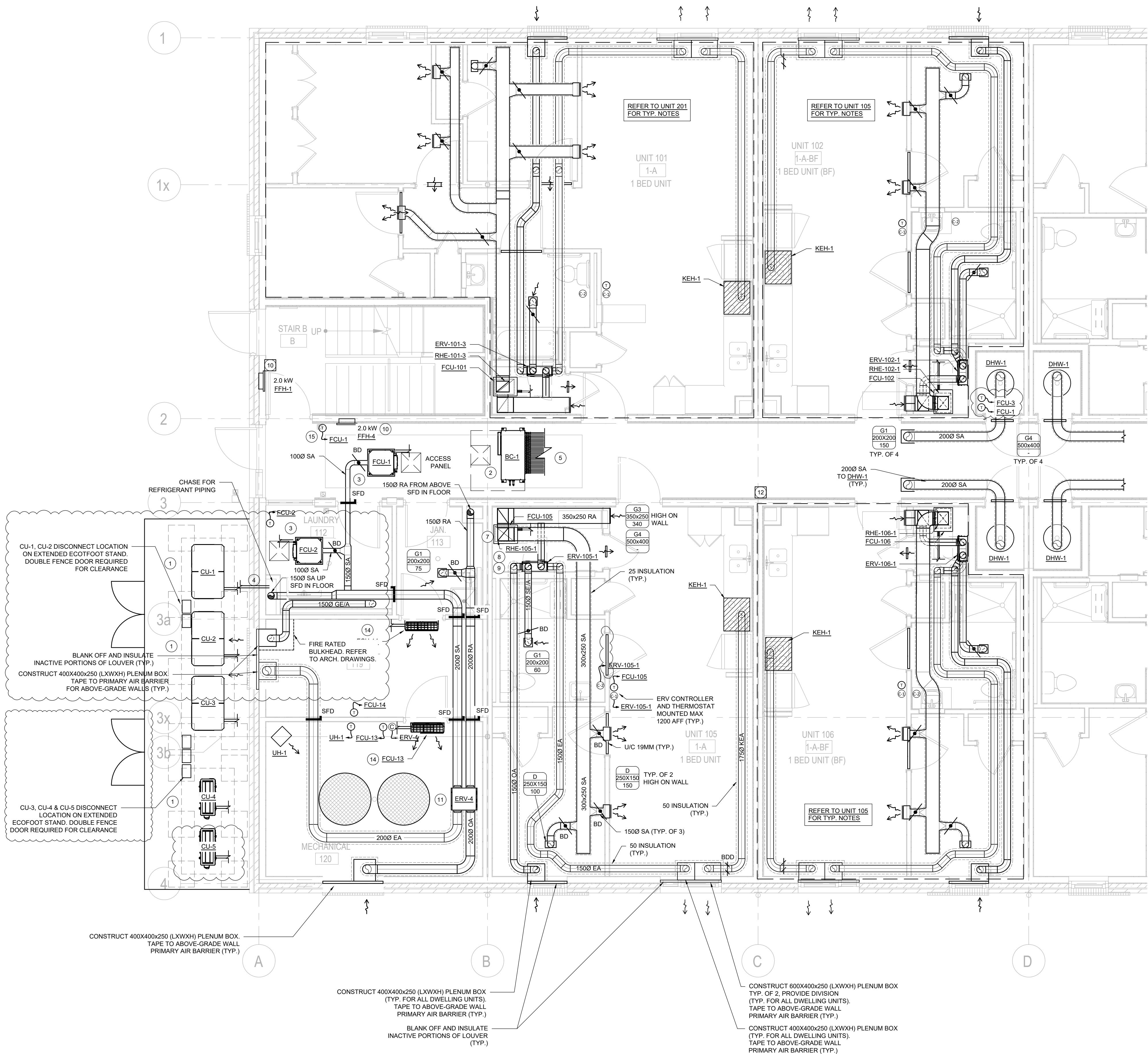
M-301A

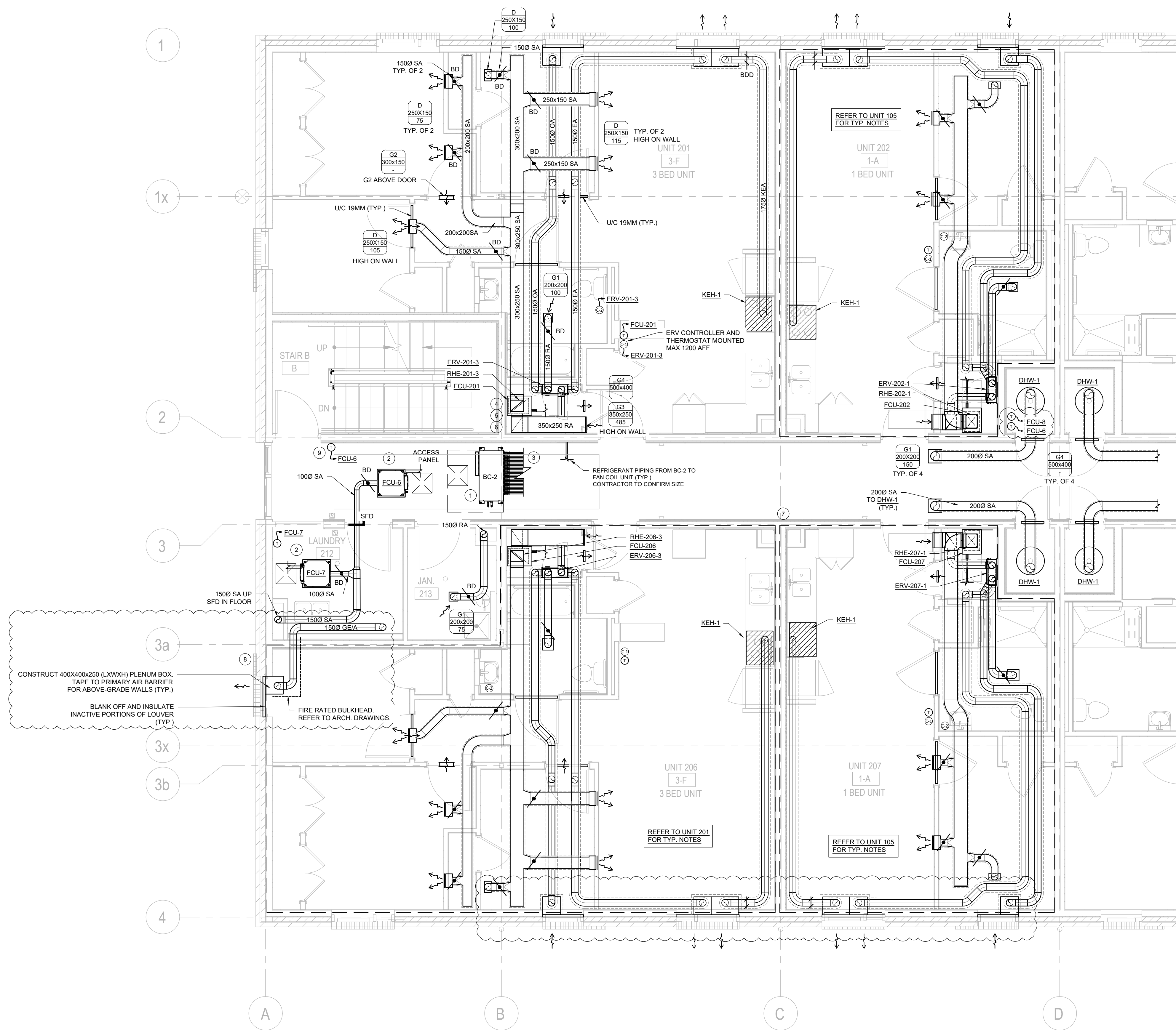
HVAC CONSTRUCTION NOTES:

- CONDENSING UNIT TO BE INSTALLED ON AN ELEVATED EQUIPMENT STAND PROVIDED WITH THE UNIT. THIS STAND SHALL ELEVATE THE CONDENSING UNIT A MINIMUM OF 450MM ABOVE FINISHED GRADE. REFER TO MANUFACTURERS GUIDELINES FOR MINIMUM CLEARANCE DISTANCES.
- BRANCH CONTROLLER BOX SERVING VRF FAN COILS CONNECTED TO CU-1 (SEE EQUIPMENT SCHEDULES). BRANCH CONTROLLER BOX TO BE SUSPENDED WITHIN THE CEILING ABOVE AN ACCESS DOOR PROVIDED BY ARCHITECTURAL DIVISION.
- CEILING-RECESSED FAN COIL. FCU-1 SERVES WEST HALF OF GROUND FLOOR CORRIDOR. FCU-2 SERVES LAUNDRY ROOM. UNIT TO BE SUSPENDED FROM SPRING ISOLATORS (REFER TO SPRING ISOLATOR SCHEDULE) WITHIN THE CEILING ABOVE AN ACCESS DOOR PROVIDED BY ARCHITECTURAL DIVISION. FRESH AIR CONNECTION TO BE PROVIDED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- REFRIGERANT PIPING PENETRATION SHALL BE WEATHERPROOFED. REFER TO MECHANICAL DETAILS.
- REFRIGERANT PIPING FROM BRANCH CONTROLLER BOX TO FAN COIL UNITS SHALL BE ROUTED THROUGH CORRIDOR CEILING SPACE TO EACH DWELLING UNIT FCU.
- RESERVED
- FAN COIL UNITS FOR DWELLING UNITS TO BE FLOOR MOUNTED ON NEOPRENE ISOLATORS. UNIT TO BE PROVIDED WITH FILTER BOX. REFER TO MECHANICAL SCHEDULES FOR FURTHER DETAILS. ALL RETURN AIR TO BE DUCTED DIRECTLY TO FAN COIL UNITS - CEILING SPACES ARE NOT TO BE USED AS RETURN PLENUMS.
- ERV SERVING DWELLING UNITS TO BE WALL MOUNTED IN MECHANICAL CLOSET AND PROVIDED WITH FLEXIBLE DUCT CONNECTIONS. CONNECT FRESH AIR DUCT FROM ERV TO RETURN SIDE OF FAN COIL FOR ALL DWELLING UNITS.
- DWELLING UNIT ERVS TO BE BALANCED AS FOLLOWS:
BACHELOR/1 BED: 60 CFM
2 BED: 80 CFM
3 BED: 100 CFM
NOTE: A BOOST BUTTON HAS BEEN PROVIDED IN THE WASHROOM TO BOOST AIRFLOW TO 130CFM.
- ELECTRIC HEATER C/W INTEGRAL THERMOSTAT. INSTALLED BY ELECTRICAL DIVISION. MAX SETPOINT TO BE 15C.
- ERV-4 SERVES THE WEST HALF CORRIDORS ON EACH FLOOR WITH VENTILATION AIR. UNIT TO BE SUSPENDED FROM SPRING ISOLATORS AND PROVIDED WITH FLEXIBLE DUCT CONNECTIONS AT EACH CONNECTION.
- ALL PORTABLE FIRE EXTINGUISHERS SHALL BE SIZED, LOCATED AND INSTALLED AS PER THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, ONTARIO FIRE CODE, NFPA-10 AND AUTHORITIES HAVING JURISDICTION.
- PROVIDE DRYER VENT FOR DRYER
- FCU TO BE WALL MOUNTED ABOVE DOOR.
- REMOTE SENSOR FOR THERMOSTAT LOCATED IN DOMESTIC HOT WATER HEATER CLOSET.

HVAC GENERAL NOTES:

- ALL REFRIGERANT PIPING TO BE PROVIDED WITH ARMAFLEX INSULATION. ALL EXTERIOR INSULATION TO BE PROTECTED WITH UV RESISTANT JACKETING.
- ALL PIPING PENETRATIONS THROUGH FIRE-RATED WALLS SHALL BE FIRE STOPPED.
- ALL PIPING PENETRATIONS THROUGH ACOUSTIC WALL TO FOLLOW ACOUSTIC PENETRATION DETAILS.
- ALL SUPPLY AIR DUCTWORK TO BE INSULATED TO R-4 MIN. WITH FOIL-FACED INSULATION 1" THICK AND SEAMS FULLY TAPED. REFER TO MECHANICAL SPECIFICATIONS FOR FURTHER DETAILS.
- ALL OUTSIDE AIR AND EXHAUST DUCTWORK FROM ERVS TO BE INSULATED TO R-6 MIN. WITH FOIL-FACED INSULATION 2" THICK AND SEAMS FULLY TAPED. REFER TO MECHANICAL SPECIFICATIONS FOR FURTHER DETAILS.
- ALL REFRIGERANT PIPING IS SHOWN FOR COORDINATION PURPOSES ONLY. REFRIGERANT PIPING TO BE SIZED AND TESTED BY A REFRIGERANT CONTRACTOR. THIS CONTRACTOR TO APPLY FOR ALL REQUIRED TSSA RELATED APPROVALS.
- ALL RETURN AIR SHALL BE DUCTED DIRECTLY TO HVAC UNITS. CEILING SPACES ARE NOT TO BE USED AS A RETURN PLENUM.
- FINAL THERMOSTAT LOCATIONS TO BE COORDINATED ON SITE PRIOR TO ROUGH-IN. NOTE PROPOSED LOCATIONS WITH A STICKY NOTE FOR REVIEW WITH THE ARCHITECT AND MECHANICAL CONSULTANT. ONLY WHEN APPROVED MAY THE CONTRACTOR ROUGH-IN THERMOSTATS.
- ALIGN ALL THERMOSTATS WITH LIGHTING CONTROLS TO PROVIDE CONSISTENT LOOK.
- ALL OUTSIDE AIR DUCTWORK FROM ERV'S SHALL BE INSULATED. REFER TO MECHANICAL SPECIFICATIONS.
- ALL EXHAUST AIR DUCTWORK TO ERV'S SHALL BE INSULATED. REFER TO MECHANICAL SPECIFICATIONS.
- ALL SUPPLY AIR DUCTWORK NOT IN THE SPACE IT SERVES SHALL BE INSULATED. REFER TO MECHANICAL SPECIFICATIONS.
- PROVIDE AND INSTALL FIRE DAMPERS OR COMBINATION FIRE/SMOKE DAMPERS AT ALL FIRE SEPERATIONS NOTED ON ARCHITECTURAL DRAWINGS.
- MECHANICAL CONTRACTOR SHALL PROVIDE FIRE STOPPING FOR ALL PIPING PASSING THROUGH FIRE SEPERATIONS.





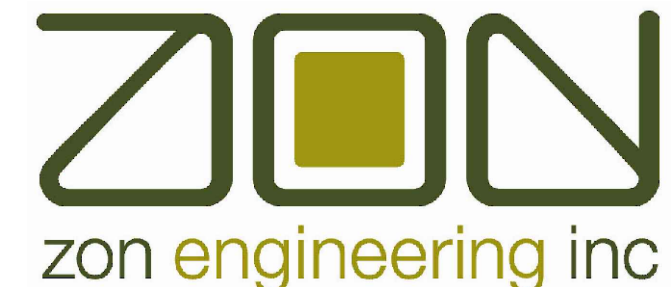
- HVAC CONSTRUCTION NOTES:**
1. BRANCH CONTROLLER BOX SERVING VRF FAN COILS CONNECTED TO CU-1 (SEE EQUIPMENT SCHEDULES). BRANCH CONTROLLER BOX TO BE SUSPENDED WITHIN THE CEILING ABOVE AN ACCESS DOOR PROVIDED BY ARCHITECTURAL DIVISION.
 2. CEILING-RECESSED FAN COIL. FCU-6 SERVES WEST HALF OF GROUND FLOOR CORRIDOR. FCU-7 SERVES LAUNDRY ROOM. UNIT TO BE SUSPENDED FROM SPRING ISOLATORS (REFER TO SPRING ISOLATOR SCHEDULE) WITHIN THE CEILING ABOVE AN ACCESS DOOR PROVIDED BY ARCHITECTURAL DIVISION. FRESH AIR CONNECTION TO BE PROVIDED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 3. REFRIGERANT PIPING FROM BRANCH CONTROLLER BOX TO FAN COIL UNITS SHALL BE ROUTED THROUGH CORRIDOR CEILING SPACE TO EACH DWELLING UNIT FCU.
 4. FAN COIL UNITS FOR DWELLING UNITS TO BE FLOOR MOUNTED ON NEOPRENE ISOLATORS. UNIT TO BE PROVIDED WITH FILTER BOX. REFER TO MECHANICAL SCHEDULES FOR FURTHER DETAILS. ALL RETURN AIR TO BE DUCTED DIRECTLY TO FAN COIL UNITS - CEILING SPACES ARE NOT TO BE USED AS RETURN PLENUMS.
 5. ERV SERVING DWELLING UNITS TO BE WALL MOUNTED IN MECHANICAL CLOSET AND PROVIDED WITH FLEXIBLE DUCT CONNECTIONS. CONNECT FRESH AIR DUCT FROM ERV TO RETURN SIDE OF FAN COIL FOR ALL DWELLING UNITS.
 6. DWELLING UNIT ERVS TO BE BALANCED AS FOLLOWS:
BACHELOR/1 BED: 80 CFM
2 BED: 80 CFM
3 BED: 100 CFM
NOTE: A BOOST BUTTON HAS BEEN PROVIDED IN THE WASHROOM TO BOOST AIRFLOW TO 130CFM.
 7. ALL PORTABLE FIRE EXTINGUISHERS SHALL BE SIZED, LOCATED AND INSTALLED AS PER THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, ONTARIO FIRE CODE, NFPA-10 AND AUTHORITIES HAVING JURISDICTION.
 8. PROVIDE DRYER VENT FOR DRYER
 9. REMOTE SENSOR FOR THERMOSTAT LOCATED IN DOMESTIC HOT WATER HEATER CLOSET.

- HVAC GENERAL NOTES:**
1. ALL REFRIGERANT PIPING TO BE PROVIDED WITH ARMAFLEX INSULATION. ALL EXTERIOR INSULATION TO BE PROTECTED WITH UV RESISTANT JACKETING.
 2. ALL PIPING PENETRATIONS THROUGH FIRE-RATED WALLS SHALL BE FIRE STOPPED.
 3. ALL PIPING PENETRATIONS THROUGH ACOUSTIC WALL TO FOLLOW ACOUSTIC PENETRATION DETAILS.
 4. ALL SUPPLY AIR DUCTWORK TO BE INSULATED TO R-4 MIN. WITH FOIL-FACED INSULATION 1" THICK AND SEAMS FULLY TAPED. REFER TO MECHANICAL SPECIFICATIONS FOR FURTHER DETAILS.
 5. ALL OUTSIDE AIR AND EXHAUST DUCTWORK FROM ERVS TO BE INSULATED TO R-8 MIN. WITH FOIL-FACED INSULATION 2" THICK AND SEAMS FULLY TAPED. REFER TO MECHANICAL SPECIFICATIONS FOR FURTHER DETAILS.
 6. ALL REFRIGERANT PIPING IS SHOWN FOR COORDINATION PURPOSES ONLY. REFRIGERANT PIPING TO BE SIZED AND TESTED BY A REFRIGERANT CONTRACTOR. THIS CONTRACTOR TO APPLY FOR ALL REQUIRED TSSA RELATED APPROVALS.
 7. ALL RETURN AIR SHALL BE DUCTED DIRECTLY TO HVAC UNITS. CEILING SPACES ARE NOT TO BE USED AS A RETURN PLENUM.
 8. FINAL THERMOSTAT LOCATIONS TO BE COORDINATED ON SITE PRIOR TO ROUGH-IN. NOTE PROPOSED LOCATIONS WITH A STICKY NOTE FOR REVIEW WITH THE ARCHITECT AND MECHANICAL CONSULTANT. ONLY WHEN APPROVED MAY THE CONTRACTOR ROUGH-IN THERMOSTATS.
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 13. PROVIDE AND INSTALL FIRE DAMPERS OR COMBINATION FIRE/SMOKE DAMPERS AT ALL FIRE SEPERATIONS NOTED ON ARCHITECTURAL DRAWINGS.
 14. MECHANICAL CONTRACTOR SHALL PROVIDE FIRE STOPPING FOR ALL PIPING PASSING THROUGH FIRE SEPERATIONS.

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(416) 225-0343

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2	01-06-2026	ISSUED FOR PERMIT
1	29-05-2026	ISSUED FOR TENDER
ISSUE:		
ISSUED FOR MECHANICAL ADDENDUM M-001		

PROJECT NAME:

ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER:
THCC1902

PLOT DATE:
2026-06-19

CHECKED BY:
AC

DRAWN BY:
AG

SCALE:
1:50

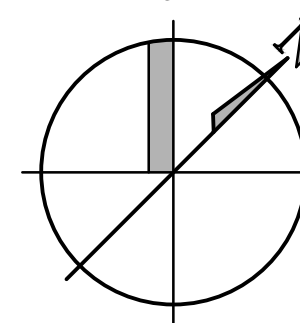
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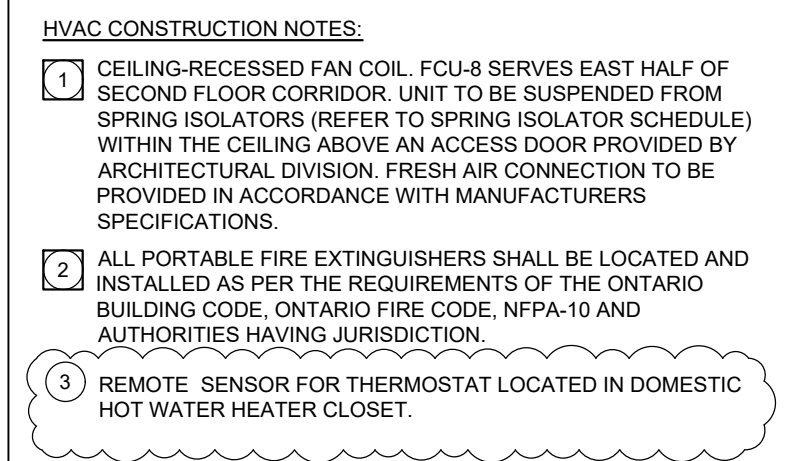
SECOND FLOOR WEST
HVAC PLAN

DRAWING NUMBER:

M-302A

PROJECT
NORTH



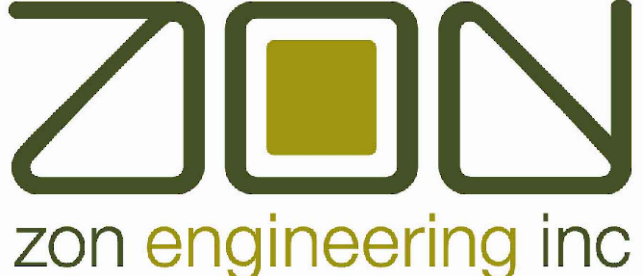


1. HVAC GENERAL NOTES:
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3. ALL PIPING PENETRATIONS THROUGH FIRE-RATED WALLS SHALL BE FIRE STOPPED.
4. ALL PIPING PENETRATIONS THROUGH ACoustic WALL TO FOLLOW ACOUSTIC PENETRATION DETAILS.
5. ALL SUPPLY AIR DUCTWORK TO BE INSULATED TO R-4 MIN. WITH FOIL-FACED INSULATION 1" THICK AND SEAMS FULLY TAPED. REFER TO MECHANICAL SPECIFICATIONS FOR FURTHER DETAILS.
6. ALL OUTSIDE AIR AND EXHAUST DUCTWORK FROM ERVS TO BE INSULATED TO R-8 MIN. WITH FOIL-FACED INSULATION 2" THICK AND SEAMS FULLY TAPED. REFER TO MECHANICAL SPECIFICATIONS FOR FURTHER DETAILS.
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ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001		

PROJECT NAME:

ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER:	THCC1902
PLOT DATE:	2026-06-19
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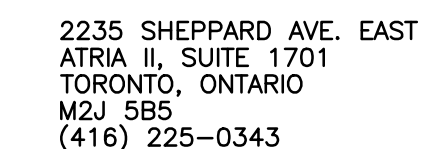
DRAWING TITLE:

SECOND FLOOR EAST
HVAC PLAN

DRAWING NUMBER:

M-302B

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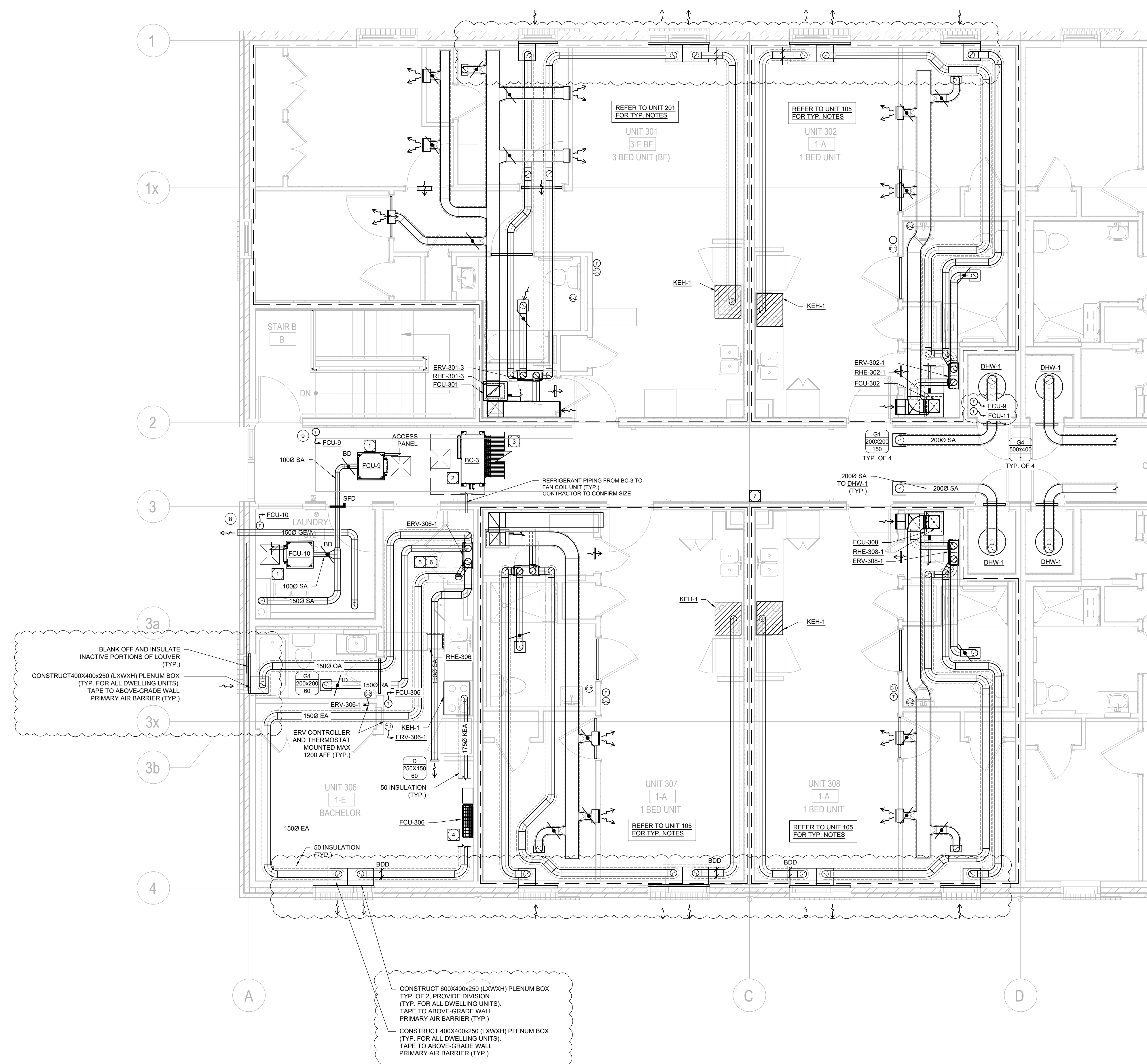
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ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS)

321 JOHN STREET,
COBOURG, ON

THIRD FLOOR WEST HVAC
PLAN

M-303A

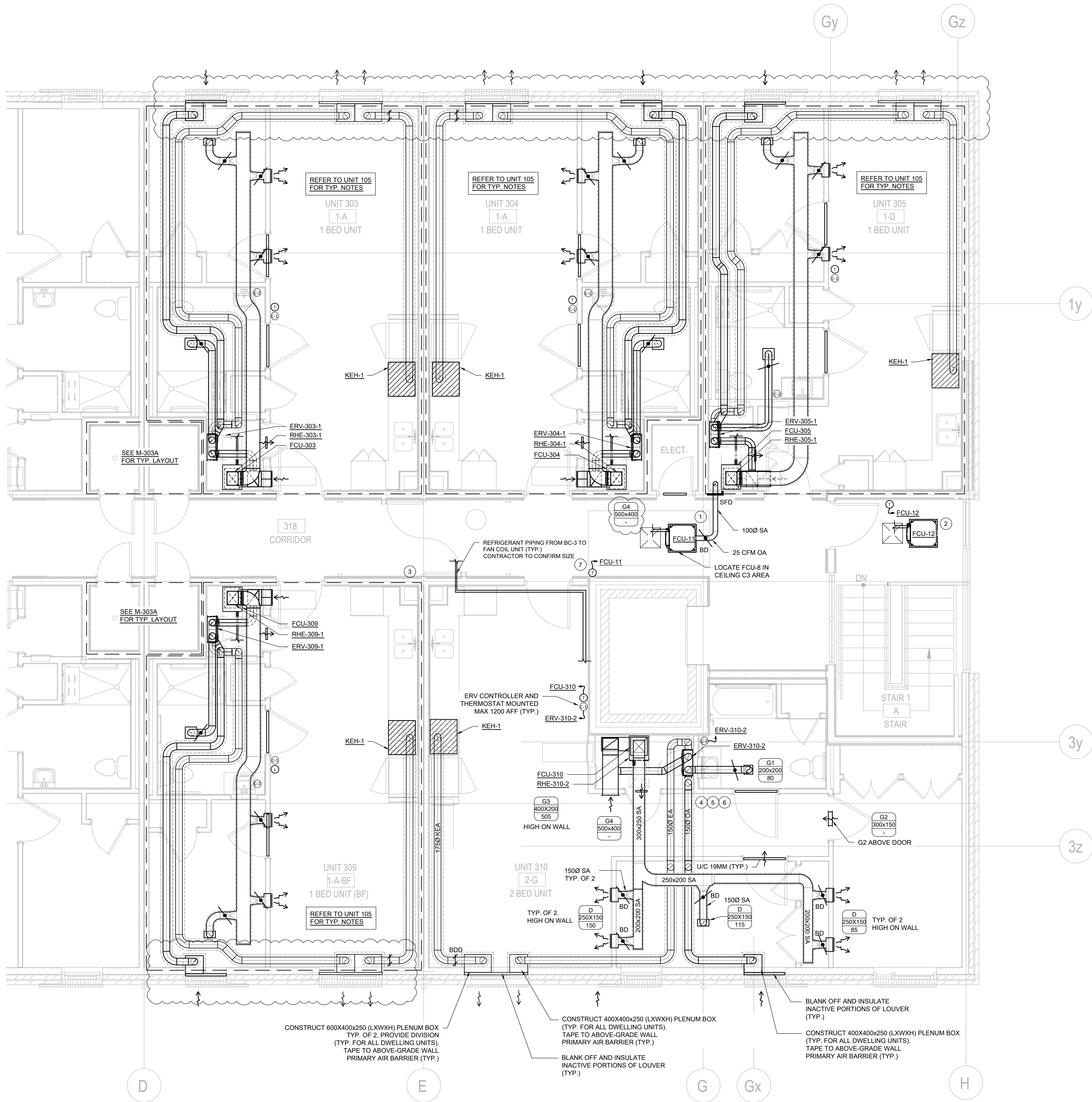


1 CEILING-RECESSED FAN COIL. FCU-9 SERVES WEST HALF OF THIRD FLOOR CORRIDOR. FCU-10 SERVES LAUNDRY ROOM. UNIT TO BE SUSPENDED FROM SPRING ISOLATORS (REFER TO SPRING ISOLATOR SCHEDULE) WITHIN THE CEILING ABOVE AN ACCESS DOOR PROVIDED BY ARCHITECTURAL DIVISION. FRESH AIR CONNECTION TO BE PROVIDED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

4. BRANCH CONTROLLER BOX SERVING VRF FAN COILS CONNECTED TO CU-3 (SEE EQUIPMENT SCHEDULES). BRANCH CONTROLLER BOX TO BE SUSPENDED WITHIN THE CEILING ABOVE AN ACCESS DOOR PROVIDED BY ARCHITECTURAL DIVISION.
5. REFRIGERANT PIPING FROM BRANCH CONTROLLER BOX TO FAN COILS SHALL BE ROUTED THROUGH CORRIDOR CEILING TO THE FAN COIL DUCT WORK AREA.
6. WALL MOUNTED FAN COIL UNIT TO MOUNTED UNDERNEATH BULKHEAD HIGH ON WALL, MIN. 50mm BELOW FINISH CEILING. PROVIDE WITH EXTERNAL CONDENSATE PUMP. SEE SCHEDULES FOR MORE DETAILS.
7. ERV SERVING DWELLING UNITS TO BE WALL MOUNTED IN MECHANICAL CLOSET AND PROVIDED WITH FLEXIBLE DUCT CONNECTIONS. CONNECT FRESH AIR DUCT FROM ERV TO RETURN SIDE OF FAN COIL FOR ALL DWELLING UNITS.
8. DWELLING UNIT ERVS TO BE BALANCED AS FOLLOWS:
BACHELOR/ 1 BD: 60 CFM
2 BD: 80 CFM
3 BD: 100 CFM
NOTE: A BOOST BUDDY HAS BEEN PROVIDED IN THE WASHROOM TO BOOST AIRFLOW TO 130CFM.
9. ALL PORTABLE FIRE EXTINGUISHERS SHALL BE LOCATED AND INSTALLED AS PER THE REQUIREMENTS OF THE ONTARIO FIRE CODE, ONTARIO FIRE CODE, NFPA-10 AND AUTHORITIES HAVING JURISDICTION.
10. PROVIDE DRYER VENT FOR DRYER
11. REMOTE SENSOR FOR THERMOSTAT LOCATED IN DOMESTIC HOT WATER HEATER CLOSET.

1. ALL REFRIGERANT PIPING TO BE PROVIDED WITH ARMAFLEX INSULATION. ALL EXTERIOR INSULATION TO BE PROTECTED WITH UV RESISTANT JACKETING.

2. ALL PIPING PENETRATIONS THROUGH FIRE-RATED WALLS SHALL BE FIRE STOPPED.
3. ALL PIPING PENETRATIONS THROUGH ACUSTIC WALL TO FOLLOW ACUSTIC PENETRATION DETAILS.
4. ALL SUPPLY AIR DUCTWORK FROM ERVS TO R-4 MIN. WITH FOIL-FACED INSULATION 2" THICK AND SEAMS FULLY TAPED. REFER TO MECHANICAL SPECIFICATIONS FOR FURTHER DETAILS.
5. ALL OUTSIDE AIR AND EXHAUST DUCTWORK FROM ERVS TO BE INSULATED TO R-8 MIN. WITH FOIL-FACED INSULATION 2" THICK AND SEAMS FULLY TAPED. REFER TO MECHANICAL SPECIFICATIONS FOR FURTHER DETAILS.
6. ALL REFRIGERANT PIPING IS SHOWN FOR COORDINATION PURPOSES ONLY. REFRIGERANT PIPING TO BE SIZED AND TESTED BY A REFRIGERANT CONTRACTOR. THIS CONTRACTOR TO APPLY FOR ALL REQUIRED STATE DESIGN APPROVALS.
7. ALL RETURN AIR SHALL BE DUCTED DIRECTLY TO HVAC UNITS. CEILING SPACES ARE NOT TO BE USED AS A RETURN PLenum.
8. FINAL THERMOSTAT LOCATIONS TO BE COORDINATED ON SITE TO PROVIDE ROOM-TO-ROOM DIFFERENTIALS LOCATIONS WITH A SCHED. NOTE FOR REVIEW WITH THE PROJECT ARCHITECT/MECHANICAL CONSULTANT. ONLY WHEN APPROVED MAY THE CONTRACTOR ROUGH-IN THERMOSTATS.
9. ALIGN ALL THERMOSTATS WITH LIGHTING CONTROLS TO PROVIDE CONSISTENT LOOK.
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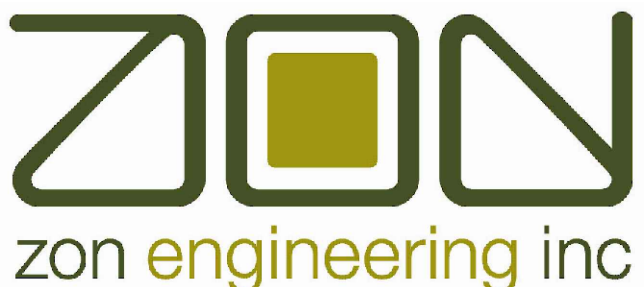
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 2. CEILING-RECESSED FAN COIL, FCU-12 SERVES STAIR A. UNIT TO BE SUSPENDED FROM SPRING ISOLATORS (REFER TO SPRING ISOLATOR SCHEDULE) WITHIN THE CEILING ABOVE AN ACCESS DOOR PROVIDED BY ARCHITECTURAL DIVISION.
 3. ALL PORTABLE FIRE EXTINGUISHERS SHALL BE LOCATED AND INSTALLED AS PER THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, ONTARIO FIRE CODE, NFPA-10 AND AUTHORITIES HAVING JURISDICTION.
 4. FAN COIL UNITS FOR DWELLING UNITS TO BE FLOOR MOUNTED ON NEOPRENE ISOLATORS. UNIT TO BE PROVIDED WITH FILTER BOX, REFER TO MECHANICAL SCHEDULES FOR FURTHER DETAILS. ALL RETURN AIR TO BE DUCTED DIRECTLY TO FAN COIL UNITS. CEILING SPACES ARE NOT TO BE USED AS RETURN PLENUMS.
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TORONTO, ONTARIO
M2J 5B5
(416) 225-0343

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2	01-06-2026	ISSUED FOR PERMIT
1	29-05-2026	ISSUED FOR TENDER

ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001

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HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

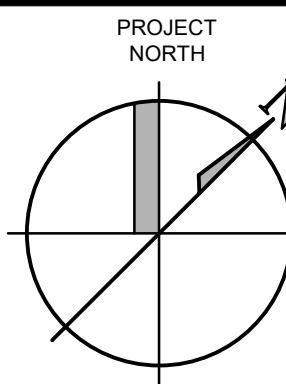
PROJECT NUMBER:
THCC1902

PLOT DATE:
2026-06-19

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AC

DRAWN BY:
AG

SCALE:
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DRAWING TITLE:

THIRD FLOOR EAST HVAC
PLAN

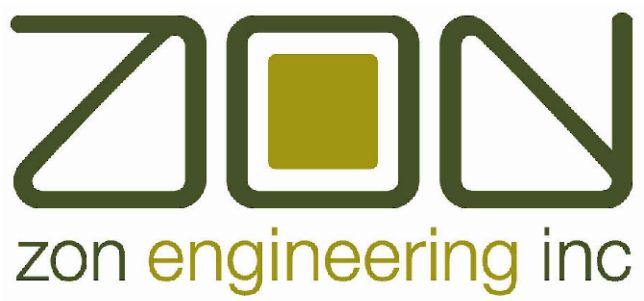
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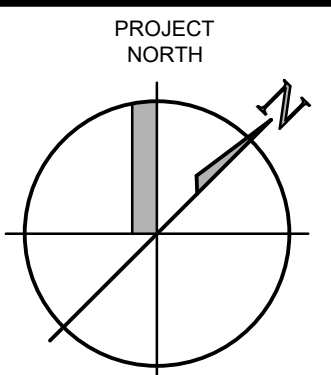
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DRAWING TITLE:

UNDERSLAB WEST
PLUMBING PLAN

DRAWING NUMBER:

M-400A

PLUMBING CONSTRUCTION NOTES:

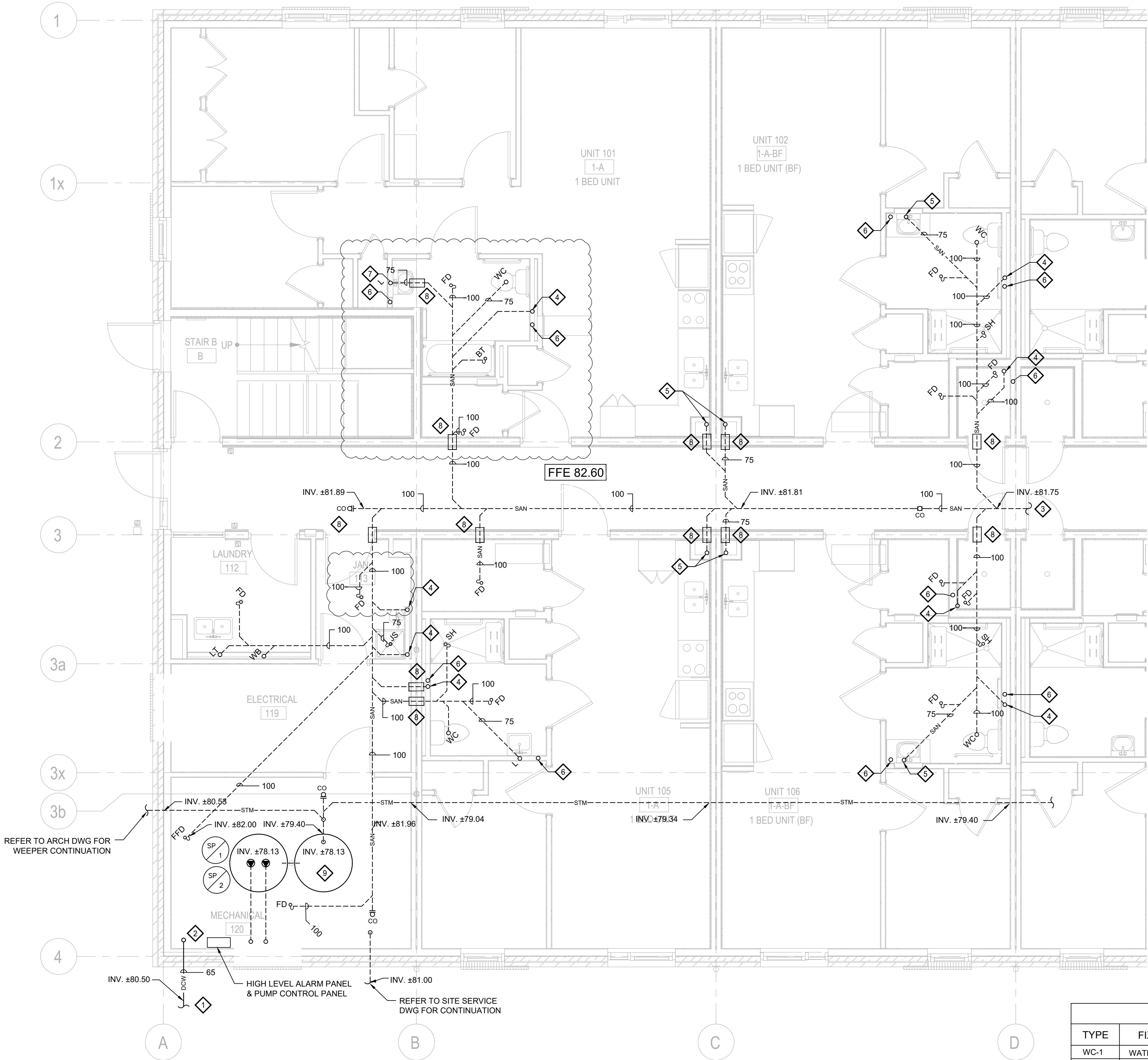
- 1 CAP 65 DCW 1.5m FROM FOUNDATION WALL. REFER TO SITE SERVICE DWG FOR CONTINUATION.
- 2 65 DCW UP.
- 3 REFER TO DRAWING M-400B FOR CONTINUATION.
- 4 100 SAN FROM ABOVE.
- 5 50 SAN FROM ABOVE.
- 6 SAN VENT UP.
- 7 32 SAN FROM ABOVE.
- 8 PROVIDE PIPE SLEEVE THROUGH FOUNDATION WALL.
- 9 PROVIDE AND INSTALL TWO (2) - 1200MM DIAMETER CONCRETE PREFABRICATED SUMP PITS FOR SEDIMENT SETTLING PIT AND TO HOUSE SUMP PUMP DISCHARGE FOR ELEVATOR AND PERIMETER FOUNDATION WEEPER DRAINAGE. PIT BOTTOM INVERT IS -4470 OR 78.13 GEODETIC.

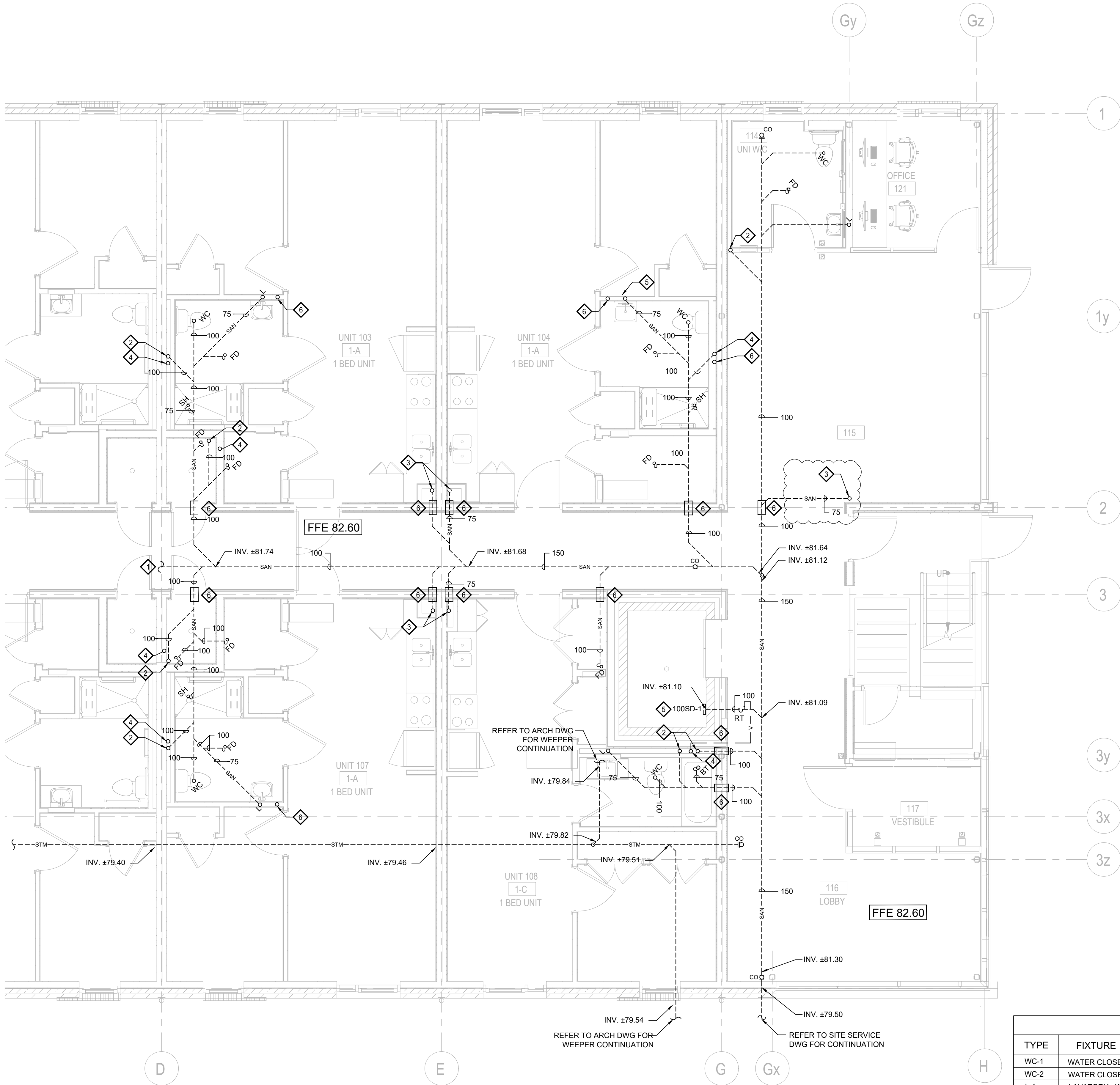
PLUMBING GENERAL NOTES:

1. ALL FLOOR/FUNNEL FLOOR/HUB DRAINS AND/OR RUNNING TRAPS SHALL BE PROVIDED WITH A TRAP SEAL PRIMER AS PER THE ONTARIO BUILDING CODE PART 7. EACH RESIDENT WASHROOM SHALL BE PROVIDED WITH A MECHANICAL TRAP SEAL PRIMER TSP-1 CONNECTED TO THE WATER LINE SERVING THE WC. THE MECHANICAL CONTRACTOR SHALL LOCATE THIS IN AN ACCESSIBLE LOCATION.
2. EXACT LOCATION OF OVERHEAD SERVICES FOR HOT & COLD WATER, STORM AND VENT LINES SHALL BE CO-ORDINATED WITH ALL HVAC, FIRE PROTECTION, AND ELECTRICAL SERVICES.
3. MECHANICAL CONTRACTOR SHALL LAYOUT, SIZE AND INSTALL SANITARY VENT PER THE ONTARIO BUILDING CODE PART 7.
4. MECHANICAL CONTRACTOR TO PROVIDE ACCESS DOORS FOR VALVES IN CEILING SPACE OR INSIDE WALL.
5. THE PLUMBING DRAWINGS DO NOT SHOW ALL THE MECHANICAL, ARCHITECTURAL AND STRUCTURAL DETAILS. ANY INFORMATION INVOLVING ACCURATE DIMENSIONING OF THE BUILDING SHALL BE TAKEN FROM SITE. MAKE, WITHOUT ADDITIONAL CHARGE, ANY NECESSARY MODIFICATIONS OR ADDITIONS TO THE ROUTING OF DRAINS, PIPES, DUCTS, ETC., TO ACCOMMODATE THE SITE CONDITIONS. THE LOCATION OF EQUIPMENT MAY BE ALTERED, WITHOUT CHARGE, PROVIDING THE CHANGE IS MADE PRIOR TO THE INSTALLATION AND DOES NOT NECESSITATE MAJOR ADDITIONAL MATERIAL.
6. CO-ORDINATE WITH THE BUILDING OWNER FOR SCHEDULING OF WORK AFFECTING THE ALL EXISTING MECHANICAL SYSTEMS.
7. RESERVED.
8. MINIMUM LINE SIZE TO BE USED UNDERGROUND SHALL BE 75mm.
9. SLOPE FOR UNDERGROUND SANITARY PIPING SIZE 100mm AND GREATER ARE 1% UNLESS OTHERWISE INDICATED.
10. BURIED SANITARY, STORM AND VENT PIPING 100MM OR SMALLER SHALL BE PVC DWV TO CAN/CSA-B181.2. ALL BURIED SANITARY, STORM AND VENT PIPING LARGER THAN 100MM SHALL BE PVC DRS WITH RING-TITE JOINTS WITH LOCKED IN RUBBER RING SEALING FEATURE PROVIDING TIGHT FLEXIBLE SEAL.
11. ABOVE GROUND SANITARY, STORM AND VENT PIPING SHALL BE IPEX PVC - TYPE DWV OR CAST IRON PIPING.
12. DOMESTIC COLD AND HOT WATER PIPING SHALL BE: COPPER TUBE, HARD DRAWING, TYPE K TO ASTM B88M FOR MAIN RISERS AND COPPER TUBE, HARD DRAWN, TYPE L TO ASTM B88M FOR ALL OTHER PIPING.

PLUMBING FIXTURE SCHEDULE

TYPE	FIXTURE	HOT WATER	COLD WATER	TEMPED WATER	WASTE	VENT	FIXTURE FLOW RATING
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
WC-2	WATER CLOSET - BARRIER-FREE, FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
L-1	LAVATORY - WALL MOUNTED, MANUAL FAUCET	12	12	-	32	32	4.7 LPM
L-2	LAVATORY - WALL MOUNTED, MANUAL FAUCET, BARRIER FREE	12	12	-	32	32	4.7 LPM
S-1	KITCHEN SINK - TWO COMPARTMENT, COUNTER MOUNTED	12	12	-	40	32	5.7 LPM
S-2	KITCHEN SINK - TWO COMPARTMENT COUNTER MOUNTED, BARRIER FREE	12	12	-	40	32	5.7 LPM
JS-1	JANITOR SINK- FLOOR MOUNTED, MANUAL FAUCET	20	20	-	75	32	-
LT-1	LAUNDRY TUB - COUNTER MOUNTED, MANUAL FAUCET	12	12	-	40	32	-
SH-1	SHOWER MANUAL MIXING SHOWER VALVE	12	12	-	50	32	5.7 LPM
BT-1	BATH TUB	12	12	-	40	32	-
BT-2	BATH TUB - BARRIER-FREE	12	12	-	40	32	-
WB-1	WASH BOX - FOR WASH MACHINE	20	20	-	60	32	-
EW-1	EMERGENCY EYEWASH	12	12	12	32	32	-





- PLUMBING CONSTRUCTION NOTES:**
1. REFER TO DRAWING M-400A FOR CONTINUATION.
 2. 100 SAN FROM ABOVE.
 3. 50 SAN FROM ABOVE.
 4. SAN VENT UP.
 5. PROVIDE AND INSTALL NEW 100 SCUPPER DRAIN SD-1 WITHIN NEW ELEVATOR PUT. SCUPPER DRAIN SD-1 HAS BEEN SPECIFIED WITH AN INTEGRAL BACK WATER VALVE. REFER TO MECHANICAL SPECIFICATIONS FOR FURTHER DETAILS.
 6. PROVIDE PIPE SLEEVE THROUGH FOUNDATION WALL.

- PLUMBING GENERAL NOTES:**
1. ALL FLOOR/FUNNEL FLOORHUB DRAINS AND/OR RUNNING TRAPS SHALL BE PROVIDED WITH A TRAP SEAL PRIMER AS PER THE ONTARIO BUILDING CODE PART 7. EACH RESIDENT WASHROOM SHALL BE PROVIDED WITH A MECHANICAL TRAP SEAL PRIMER TSP-1 CONNECTED TO THE WATER LINE SERVING THE WC. THE MECHANICAL CONTRACTOR SHALL LOCATE THIS IN AN ACCESSIBLE LOCATION.
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 10. BURIED SANITARY, STORM AND VENT PIPING 100MM OR SMALLER SHALL BE PVC DWV TO CAN/CSA-B181.2. ALL BURIED SANITARY, STORM AND VENT PIPING LARGER THAN 100MM SHALL BE PVC DRS WITH RING-TITE JOINTS WITH LOCKED IN RUBBER RING SEALING FEATURE PROVIDING TIGHT FLEXIBLE SEAL.
 11. ABOVE GROUND SANITARY, STORM AND VENT PIPING SHALL BE IPEX PVC - TYPE DWV OR CAST IRON PIPING.
 12. DOMESTIC COLD AND HOT WATER PIPING SHALL BE: COPPER TUBE, HARD DRAWING, TYPE K TO ASTM B88M FOR MAIN RISERS AND COPPER TUBE, HARD DRAWN, TYPE L TO ASTM B88M FOR ALL OTHER PIPING.

PLUMBING FIXTURE SCHEDULE						
TYPE	FIXTURE	HOT WATER	COLD WATER	TEMPED WATER	WASTE	VENT
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40
WC-2	WATER CLOSET - BARRIER-FREE, FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40
L-1	LAVATORY - WALL MOUNTED, MANUAL FAUCET	12	12	-	32	32
L-2	LAVATORY - WALL MOUNTED, MANUAL FAUCET, BARRIER FREE	12	12	-	32	32
S-1	KITCHEN SINK - TWO COMPARTMENT, COUNTER MOUNTED	12	12	-	40	32
S-2	KITCHEN SINK - TWO COMPARTMENT COUNTER MOUNTED, BARRIER FREE	12	12	-	40	32
JS-1	JANITOR SINK- FLOOR MOUNTED, MANUAL FAUCET	20	20	-	75	32
LT-1	LAUNDRY TUB - COUNTER MOUNTED, MANUAL FAUCET	12	12	-	40	32
SH-1	SHOWER MANUAL MIXING SHOWER VALVE	12	12	-	50	32
BT-1	BATH TUB	12	12	-	40	32
BT-2	BATH TUB - BARRIER-FREE	12	12	-	40	32
WB-1	WASH BOX - FOR WASH MACHINE	20	20	-	60	32
EW-1	EMERGENCY EYEWASH	12	12	12	32	32

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1	29-05-2026	ISSUED FOR TENDER

ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001

PROJECT NAME:
ONTARIO ABORIGINAL HOUSING SERVICES (OAHS)

ADDRESS:
**321 JOHN STREET,
COBOURG, ON**

PROJECT NUMBER: THCC1902

PLOT DATE: 2026-06-19

CHECKED BY: AC

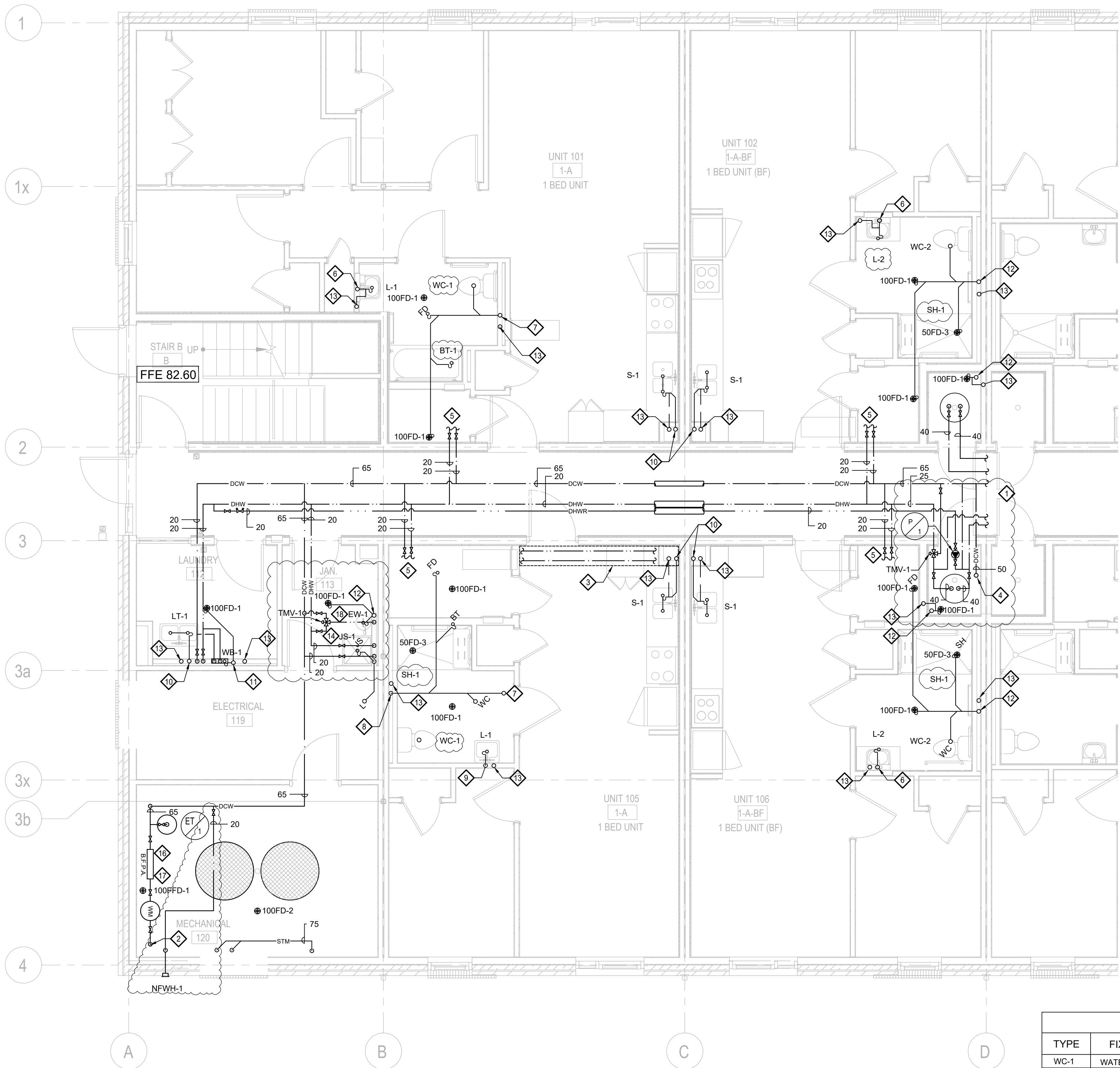
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PROJECT NORTH

DRAWING TITLE:
**UNDERSLAB FLOOR EAST
PLUMBING PLAN**

DRAWING NUMBER:
M-400B



PLUMBING CONSTRUCTION NOTES:

- REFER TO DRAWING M-401B FOR CONTINUATION.
- 65 DCW FROM BELOW.
- DASHED LINE DENOTES EXTENT OF BULKHEAD SPACE REQUIRED TO RUN PLUMBING (TYP.)
- 50 DCW UP.
- 25 DCW & 20 DHW TO SERVE UNIT.
- 40 SAN UP & DN.
- 100 SAN FROM ABOVE.
- 100 SAN DN.
- 40 SAN DN.
- 40 SAN FROM ABOVE AND 50 SAN DN.
- 50 SAN UP & DN.
- 100 SAN UP & DN.
- SAN VENT RISER.
- 20 DCW & DHW TO JS-1. PROVIDE IN-LINE DUC-DUAL CHECK VALVE TYPE TO CAN/CSA B64.6 STANDARD ON BOTH DCW & DHW LINES.
- PROVIDE 25 CONDENSATE DRAIN FROM FCOPH TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
- PROVIDE AND INSTALL WATTS LF007 OR SIMILAR DCVA BACKFLOW PREVENTION DEVICE MEETING THE REQUIREMENTS OF CSA B64.1. THE BACKFLOW PREVENTION DEVICE INSTALLATION SHALL MEET THE CLEARANCE REQUIREMENTS FROM TABLE 4 IN CSA B64 WHICH ARE 750-1000MM CENTERLINE HEIGHT ABOVE THE FLOOR, 300MM ABOVE THE DEVICE, 750MM IN FRONT OF THE DEVICE AND 20MM BEHIND THE DEVICE.
- WATER METER, STRAINER AND BACKFLOW PREVENTER TO BE PURCHASED FROM LAKEFRONT UTILITY SERVICES INC.
- PROVIDE PEDESTAL MOUNTED EYEWASH STATION CW 12 DCW, 12 DHW AND MIXING VALVE.

PLUMBING GENERAL NOTES:

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- ABOVE GROUND SANITARY, STORM AND VENT PIPING SHALL BE IPEX PVC - TYPE DWV OR CAST IRON PIPING.
- DOMESTIC COLD AND HOT WATER PIPING SHALL BE COPPER TUBE, HARD DRAWING, TYPE K TO ASTM B88M FOR MAIN RISERS AND COPPER TUBE, HARD DRAWN, TYPE L TO ASTM B88M FOR ALL OTHER PIPING.

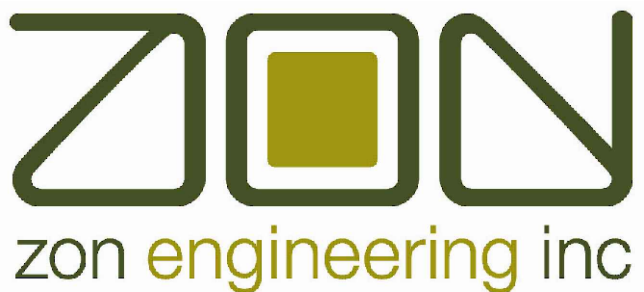
PLUMBING FIXTURE SCHEDULE

TYPE	FIXTURE	HOT WATER	COLD WATER	TEMPED WATER	WASTE	VENT	FIXTURE FLOW RATING
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
WC-2	WATER CLOSET - BARRIER-FREE, FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
L-1	LAVATORY - WALL MOUNTED, MANUAL FAUCET	12	12	-	32	32	4.7 LPM
L-2	LAVATORY - WALL MOUNTED, MANUAL FAUCET, BARRIER FREE	12	12	-	32	32	4.7 LPM
S-1	KITCHEN SINK - TWO COMPARTMENT, COUNTER MOUNTED	12	12	-	40	32	5.7 LPM
S-2	KITCHEN SINK - TWO COMPARTMENT COUNTER MOUNTED, BARRIER FREE	12	12	-	40	32	5.7 LPM
JS-1	JANITOR SINK- FLOOR MOUNTED, MANUAL FAUCET	20	20	-	75	32	-
LT-1	LAUNDRY TUB - COUNTER MOUNTED, MANUAL FAUCET	12	12	-	40	32	-
SH-1	SHOWER MANUAL MIXING SHOWER VALVE	12	12	-	50	32	5.7 LPM
BT-1	BATH TUB	12	12	-	40	32	-
BT-2	BATH TUB - BARRIER-FREE	12	12	-	40	32	-
WB-1	WASH BOX - FOR WASH MACHINE	20	20	-	60	32	-
EW-1	EMERGENCY EYEWASH	12	12	12	32	32	-

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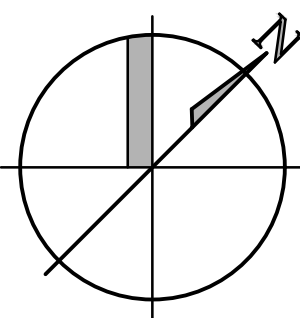
PLOT DATE:
2026-06-19

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AC

DRAWN BY:
AG

SCALE:
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PROJECT
NORTH

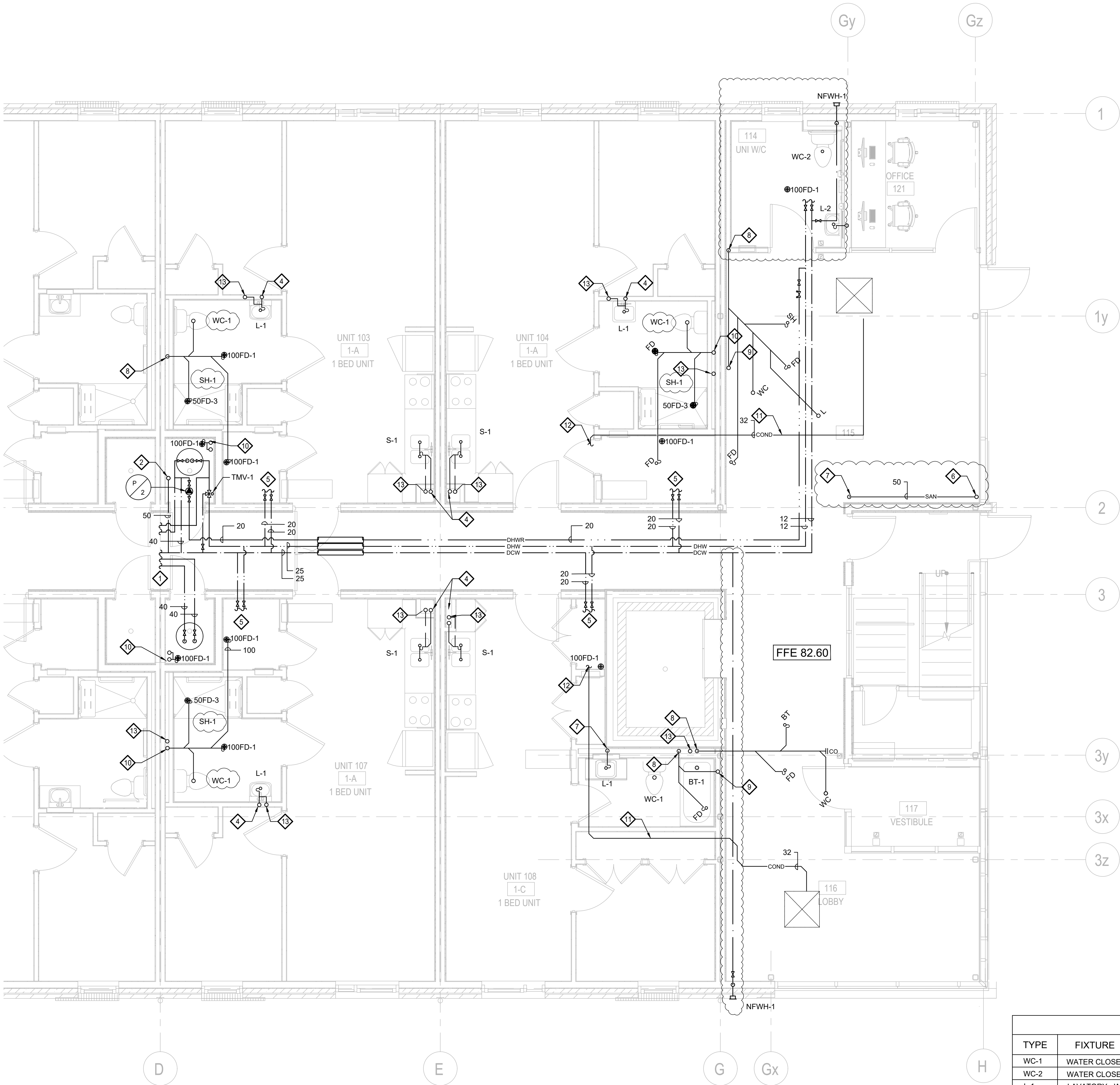


DRAWING TITLE:

GROUND FLOOR WEST
PLUMBING PLAN

DRAWING NUMBER:

M-401A



- PLUMBING CONSTRUCTION NOTES:
- 1 REFER TO DRAWING M-401A FOR CONTINUATION.
 - 2 50 DCW UP.
 - 3 DASHED LINE DENOTES EXTENT OF BULKHEAD SPACE REQUIRED TO RUN PLUMBING (TYP.)
 - 4 40 SAN FROM ABOVE AND 50 SAN DN.
 - 5 20 DCW & 20 DHW TO SERVE UNIT.
 - 6 40 SAN FROM ABOVE.
 - 7 50 SAN DN.
 - 8 100 SAN DN.
 - 9 100 SAN FROM ABOVE.
 - 10 100 SAN UP & DN.
 - 11 PROVIDE 32 CONDENSATE DRAIN FROM FCU TO NEAREST FLOOR DRAIN.
 - 12 PROVIDE MIN. 2" AIR BREAK BETWEEN FD AND COND. DRAIN PIPE
 - 13 SANI VENT RISER
 - 14 50 SAN FROM ABOVE AND 50 SAN DN.

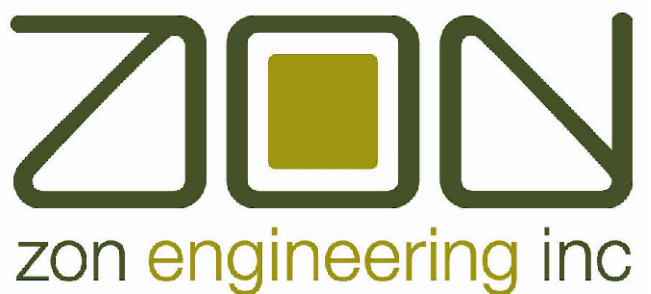
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PLUMBING FIXTURE SCHEDULE						
TYPE	FIXTURE	HOT WATER	COLD WATER	TEMPED WATER	WASTE	VENT
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40
WC-2	WATER CLOSET - BARRIER-FREE, FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40
L-1	LAVATORY - WALL MOUNTED, MANUAL FAUCET	12	12	-	32	32
L-2	LAVATORY - WALL MOUNTED, MANUAL FAUCET, BARRIER FREE	12	12	-	32	32
S-1	KITCHEN SINK - TWO COMPARTMENT, COUNTER MOUNTED	12	12	-	40	32
S-2	KITCHEN SINK - TWO COMPARTMENT COUNTER MOUNTED, BARRIER FREE	12	12	-	40	32
JS-1	JANITOR SINK- FLOOR MOUNTED, MANUAL FAUCET	20	20	-	75	32
LT-1	LAUNDRY TUB - COUNTER MOUNTED, MANUAL FAUCET	12	12	-	40	32
SH-1	SHOWER MANUAL MIXING SHOWER VALVE	12	12	-	50	32
BT-1	BATH TUB	12	12	-	40	32
BT-2	BATH TUB - BARRIER-FREE	12	12	-	40	32
WB-1	WASH BOX - FOR WASH MACHINE	20	20	-	50	32
EW-1	EMERGENCY EYEWASH	12	12	12	32	32

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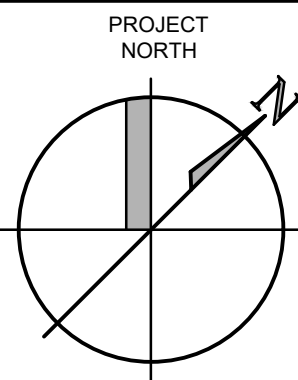
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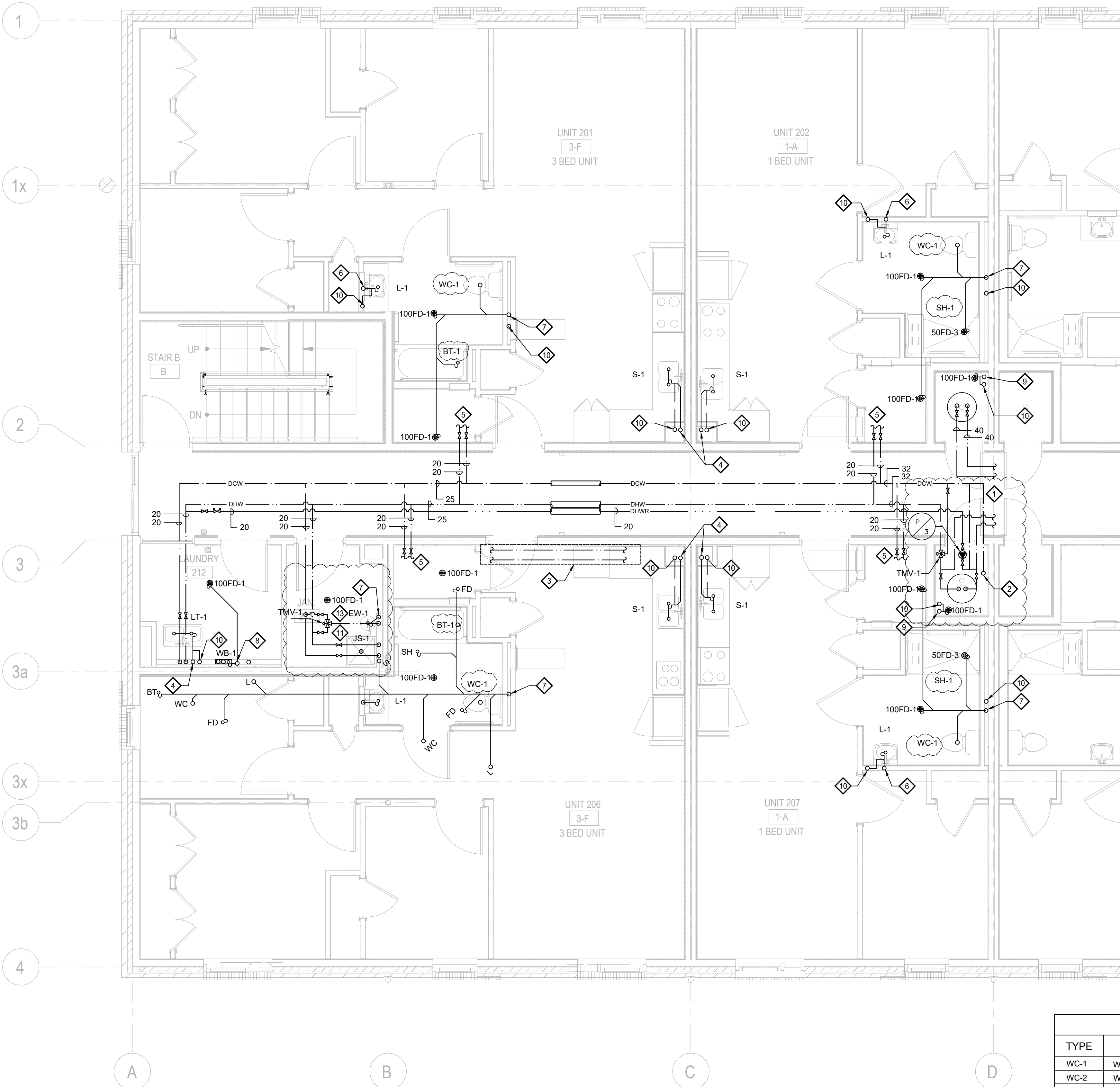
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DRAWING TITLE:
**GROUND FLOOR EAST
PLUMBING PLAN**

DRAWING NUMBER:

M-401B



PLUMBING CONSTRUCTION NOTES:

- REFER TO DRAWING M-502B FOR CONTINUATION.
- 50 DCW FROM BELOW AND 40 UP.
- DASHED LINE DENOTES EXTENT OF BULKHEAD SPACE REQUIRED TO RUN PLUMBING (TYP.)
- 40 SAN UP & DN.
- 20 DCW & 20 DHW TO SERVE UNIT.
- 32 SAN FROM ABOVE AND 40 SAN DN.
- 100 SAN DN.
- 50 SAN UP & DN.
- 100 SAN UP & DN.
- SAN VENT RISER.
- 20 DCW & DHW TO JS-1. PROVIDE IN-LINE DUC-DUAL CHECK VALVE TYPE TO CAN/CSA B64.6 STANDARD ON BOTH DCW & DHW LINES.
- PROVIDE 25 CONDENSATE DRAIN FROM FCH/P TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
- PROVIDE PEDESTAL MOUNTED EYEWASH STATION C/W 12 DCW, 12 DHW AND MIXING VALVE.

PLUMBING GENERAL NOTES:

- ALL FLOOR/FUNNEL FLOOR/HUB DRAINS AND/OR RUNNING TRAPS SHALL BE PROVIDED WITH A TRAP SEAL PRIMER AS PER THE ONTARIO BUILDING CODE PART 7. EACH RESIDENT WASHROOM SHALL BE PROVIDED WITH A MECHANICAL TRAP SEAL PRIMER TSP-1 CONNECTED TO THE WATER LINE SERVING THE WC. THE MECHANICAL CONTRACTOR SHALL LOCATE THIS IN AN ACCESSIBLE LOCATION.
- EXACT LOCATION OF OVERHEAD SERVICES FOR HOT & COLD WATER, STORM AND VENT LINES SHALL BE CO-ORDINATED WITH ALL HVAC, FIRE PROTECTION, AND ELECTRICAL SERVICES.
- MECHANICAL CONTRACTOR SHALL LAYOUT, SIZE AND INSTALL SANITARY VENT PER THE ONTARIO BUILDING CODE PART 7.
- MECHANICAL CONTRACTOR TO PROVIDE ACCESS DOORS FOR VALVES IN CEILING SPACE OR INSIDE WALL.
- THE PLUMBING DRAWINGS DO NOT SHOW ALL THE MECHANICAL, ARCHITECTURAL AND STRUCTURAL DETAILS. ANY INFORMATION INVOLVING ACCURATE DIMENSIONING OF THE BUILDING SHALL BE TAKEN FROM SITE. MAKE WITHOUT ADDITIONAL CHARGE, ANY NECESSARY MODIFICATIONS OR ADDITIONS TO THE ROUTING OF DRAINS, PIPES, DUCTS, ETC., TO ACCOMMODATE THE SITE CONDITIONS. THE LOCATION OF EQUIPMENT MAY BE ALTERED, WITHOUT CHARGE, PROVIDING THE CHANGE IS MADE PRIOR TO THE INSTALLATION AND DOES NOT NECESSITATE MAJOR ADDITIONAL MATERIAL.
- CO-ORDINATE WITH THE BUILDING OWNER FOR SCHEDULING OF WORK AFFECTING THE ALL EXISTING MECHANICAL SYSTEMS.
- RESERVED.
- MINIMUM LINE SIZE TO BE USED UNDERGROUND SHALL BE 75mm.
- SLOPE FOR UNDERGROUND SANITARY PIPING SIZED 100mm AND GREATER ARE 1% UNLESS OTHERWISE INDICATED.
- BURIED SANITARY, STORM AND VENT PIPING 100MM OR SMALLER SHALL BE PVC DWV TO CAN/CSA-B181.2. ALL BURIED SANITARY, STORM AND VENT PIPING LARGER THAN 100MM SHALL BE PVC DR35 WITH RING-TITE JOINTS WITH LOCKED IN RUBBER RING SEALING FEATURE PROVIDING TIGHT FLEXIBLE SEAL.
- ABOVE GROUND SANITARY, STORM AND VENT PIPING SHALL BE IPEX PVC - TYPE DWV OR CAST IRON PIPING.
- DOMESTIC COLD AND HOT WATER PIPING SHALL BE: COPPER TUBE, HARD DRAWING, TYPE K TO ASTM B88M FOR MAIN RISERS AND COPPER TUBE, HARD DRAWN, TYPE L TO ASTM B88M FOR ALL OTHER PIPING.

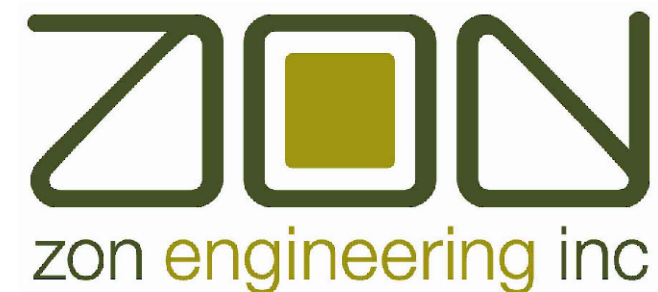
PLUMBING FIXTURE SCHEDULE

TYPE	FIXTURE	HOT WATER	COLD WATER	TEMPED WATER	WASTE	VENT	FIXTURE FLOW RATING
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
WC-2	WATER CLOSET - BARRIER-FREE, FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
L-1	LAVATORY - WALL MOUNTED, MANUAL FAUCET	12	12	-	32	32	4.7 LPM
L-2	LAVATORY - WALL MOUNTED, MANUAL FAUCET, BARRIER FREE	12	12	-	32	32	4.7 LPM
S-1	KITCHEN SINK - TWO COMPARTMENT, COUNTER MOUNTED	12	12	-	40	32	5.7 LPM
S-2	KITCHEN SINK - TWO COMPARTMENT COUNTER MOUNTED, BARRIER FREE	12	12	-	40	32	5.7 LPM
JS-1	JANITOR SINK- FLOOR MOUNTED, MANUAL FAUCET	20	20	-	75	32	-
LT-1	LAUNDRY TUB - COUNTER MOUNTED, MANUAL FAUCET	12	12	-	40	32	-
SH-1	SHOWER MANUAL MIXING SHOWER VALVE	12	12	-	50	32	5.7 LPM
BT-1	BATH TUB	12	12	-	40	32	-
BT-2	BATH TUB - BARRIER-FREE	12	12	-	40	32	-
WB-1	WASH BOX - FOR WASH MACHINE	20	20	-	50	32	-
EW-1	EMERGENCY EYEWASH	12	12	12	32	32	-

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(416) 225-0343

DESIGNER STAMP:

3	19-06-2026	ISSUED FOR MECH. ADDENDUM M-001
2	01-06-2026	ISSUED FOR PERMIT
1	29-05-2026	ISSUED FOR TENDER

ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001

PROJECT NAME:

ONTARIO ABORIGINAL
HOUSING SERVICES (OAHs)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER:
THCC1902

PLOT DATE:
2026-06-19

CHECKED BY:
AC

DRAWN BY:
AG

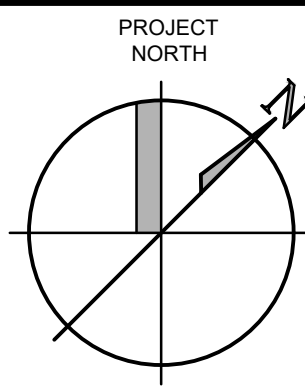
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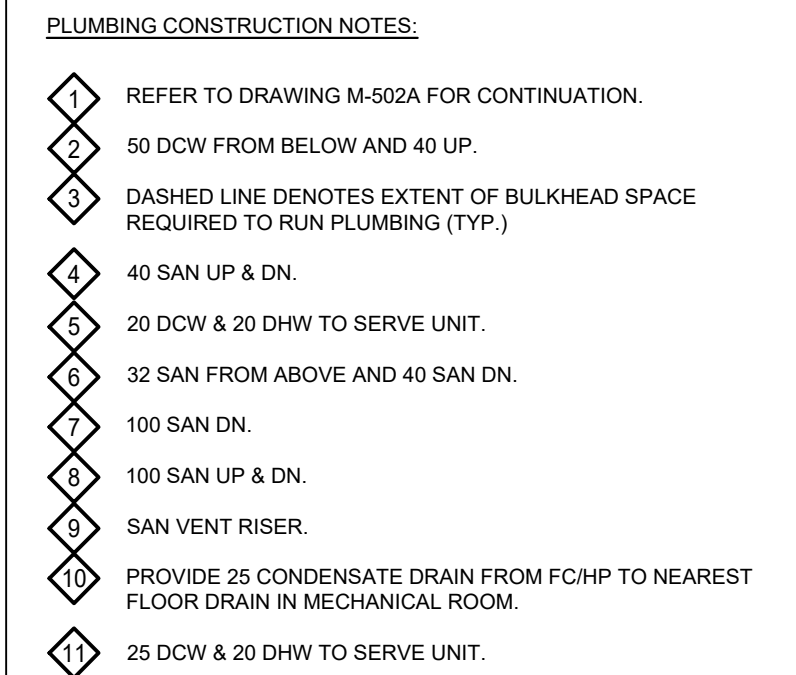
DRAWING TITLE:

SECOND FLOOR WEST
PLUMBING PLAN

DRAWING NUMBER:

M-402A





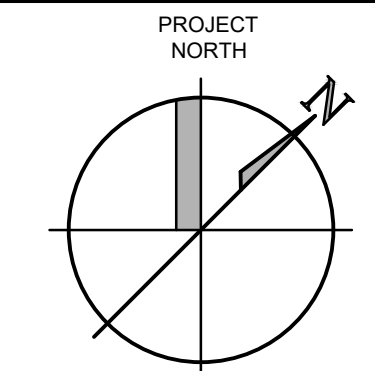
1. ALL FLOOR/FUNNEL FLOOR/HVAC DRAINS AND/OR RUNNING TRAPS SHALL BE PROVIDED WITH A TRAP SEAL PRIMER AS PER THE ONTARIO BUILDING CODE PART 7. EACH RESIDENT WATER MAIN SHALL BE PROVIDED WITH A MECHANICAL TRAP SEAL PRIMER TSP-1 CONNECTED TO THE WATER LINE SERVING THE WC. THE MECHANICAL CONTRACTOR SHALL LOCATE THIS IN AN ACCESSIBLE LOCATION.
2. EXACT LOCATION OF OVERHEAD SERVICES FOR HOT & COLD WATER, STORM AND VENT LINES SHALL BE CO-ORDINATED WITH ALL HVAC, FIRE PROTECTION, AND ELECTRICAL SERVICES.
3. MECHANICAL CONTRACTOR SHALL LAYOUT, SIZE AND INSTALL SANITARY VENT PER THE ONTARIO BUILDING CODE PART 7.
4. MECHANICAL CONTRACTOR TO PROVIDE ACCESS DOORS FOR VALVES IN CEILING SPACE OR INSIDE WALL.
5. THE PLUMBING DRAWINGS DO NOT SHOW ALL THE MECHANICAL, ARCHITECTURAL AND STRUCTURAL DETAILS. ANY INFORMATION INVOLVING ACCURATE DIMENSIONING OF THE BUILDING SHALL BE TAKEN FROM SITE. MAKE, WITHOUT ADDITIONAL CHARGE, ANY NECESSARY MODIFICATIONS OR ADDITIONS TO THE ROUTING OF DRAINS, TRAPS, ETC. ACCORDING TO THE EXISTING SITE CONDITIONS. THE LOCATION OF EQUIPMENT MAY BE ALTERED, WITHOUT CHARGE, PROVIDING THE CHANGE IS MADE PRIOR TO THE INSTALLATION AND DOES NOT NECESSITATE MAJOR ADDITIONAL MATERIAL.
6. CO-ORDINATE WITH THE BUILDING OWNER FOR WORKING LIMITS OF WORK AFFECTING ALL THE EXISTING MECHANICAL SYSTEMS.
7. RESERVED.
8. MINIMUM LINE SIZE TO BE USED UNDERGROUND SHALL BE 75mm.
9. SLOPE FOR UNDERGROUND SANITARY PIPING SIZED 100mm AND GREATER ARE 1% UNLESS OTHERWISE INDICATED.
10. BURIED SANITARY, STORM AND VENT PIPING 100MM OR SMALLER SHALL BE PVC DWV TO CANCSA-B161.2. ALL BURIED SANITARY, STORM AND VENT PIPING LARGER THAN 100MM SHALL BE PVC DR35 WITH RING-TITE JOINTS WITH LOCKED IN RUBBER RING SEALING FEATURE PROVIDING TIGHT FLEXIBLE SEAL.
11. ABOVE GROUND SANITARY, STORM AND VENT PIPING SHALL BE IPVC PEX, TYPE DWV OR CAST IRON PIPING.
12. DOMESTIC COLD AND HOT WATER PIPING SHALL BE: COPPER TUBE, HARD DRAWING, TYPE K TO ASTM B88M FOR HOT WATER AND COLD WATER AND TYPE K TO ASTM B88M FOR COLD WATER AND TYPE K TO ASTM B88M FOR ALL OTHER PIPING.

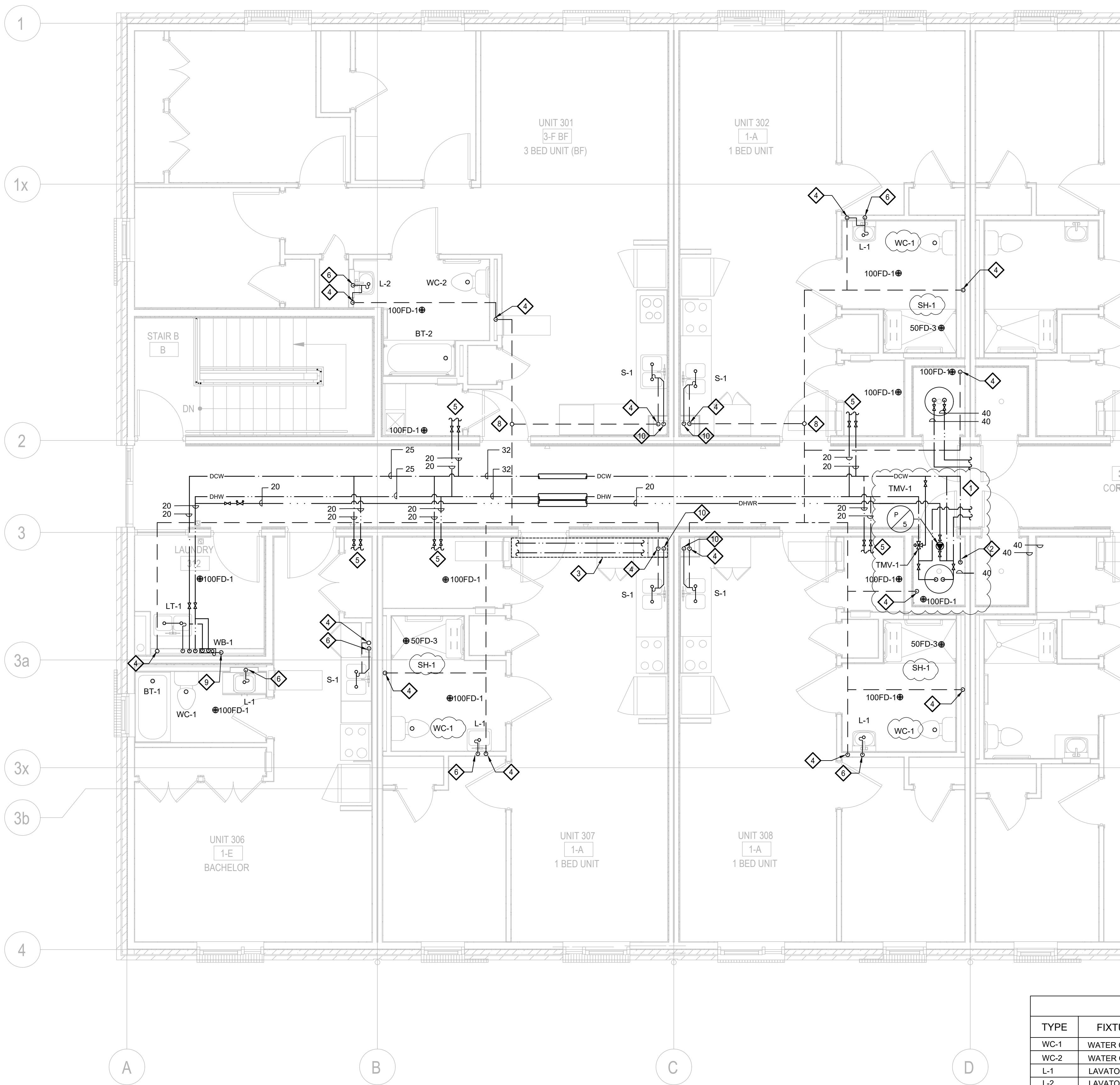
PLUMBING FIXTURE SCHEDULE							
TYPE	FIXTURE	HOT WATER	COLD WATER	TEMPED WATER	WASTE	VENT	FIXTURE FLOW RATING
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
WC-2	WATER CLOSET - BARRIER-FREE, FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
L-1	LAVATORY - WALL MOUNTED, MANUAL FAUCET	12	12	-	32	32	4.7 LPM
L-2	LAVATORY - WALL MOUNTED, MANUAL FAUCET, BARRIER FREE	12	12	-	32	32	4.7 LPM
S-1	KITCHEN SINK - TWO COMPARTMENT, COUNTER MOUNTED	12	12	-	40	32	5.7 LPM
S-2	KITCHEN SINK - TWO COMPARTMENT COUNTER MOUNTED, BARRIER FREE	12	12	-	40	32	5.7 LPM
JS-1	JANITOR SINK- FLOOR MOUNTED, MANUAL FAUCET	20	20	-	75	32	-
LT-1	LAUNDRY TUB - COUNTER MOUNTED, MANUAL FAUCET	12	12	-	40	32	-
SH-1	SHOWER MANUAL MIXING SHOWER VALVE	12	12	-	50	32	5.7 LPM
BT-1	BATH TUB	12	12	-	40	32	-
BT-2	BATH TUB - BARRIER-FREE	12	12	-	40	32	-
WB-1	WASH BOX - FOR WASH MACHINE	20	20	-	60	32	-
EW-1	EMERGENCY EYEWASH	12	12	12	32	32	-

DESIGNER STAMP

3	19-06-2026	ISSUED FOR MECH. ADDENDUM M-0
2	01-06-2026	ISSUED FOR PERMIT
1	29-05-2026	ISSUED FOR TENDER

M-402B





PLUMBING CONSTRUCTION NOTES:

- 1 REFER TO DRAWING M-503B FOR CONTINUATION.
- 2 40 DCW FROM BELOW.
- 3 DASHED LINE DENOTES EXTENT OF BULKHEAD SPACE REQUIRED TO RUN PLUMBING (TYP.)
- 4 SAN VENT RISER.
- 5 20 DCW & 20 DHW TO SERVE UNIT.
- 6 32 SAN DN.
- 7 PROVIDE 25 CONDENSATE DRAIN FROM FC/HP TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
- 8 SANITARY VENT THROUGH ROOF
- 9 50 SAN DN.
- 10 40 SAN DN.

PLUMBING GENERAL NOTES:

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- BURIED SANITARY, STORM AND VENT PIPING 100MM OR SMALLER SHALL BE PVC DWV TO CANCSA-B181.2. ALL BURIED SANITARY, STORM AND VENT PIPING LARGER THAN 100MM SHALL BE PVC DR35 WITH RING-TITE JOINTS WITH LOCKED IN RUBBER RING SEALING FEATURE PROVIDING TIGHT FLEXIBLE SEAL.
- ABOVE GROUND SANITARY, STORM AND VENT PIPING SHALL BE IPEX PVC - TYPE DWV OR CAST IRON PIPING.
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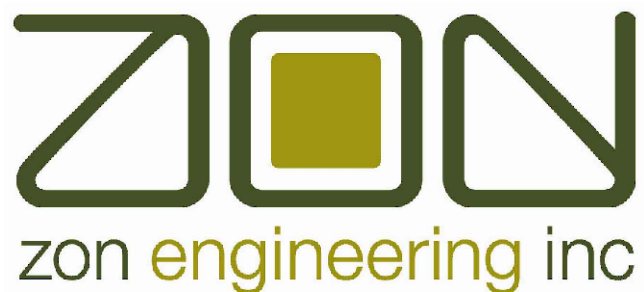
PLUMBING FIXTURE SCHEDULE

TYPE	FIXTURE	HOT WATER	COLD WATER	TEMPED WATER	WASTE	VENT	FIXTURE FLOW RATING
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
WC-2	WATER CLOSET - BARRIER-FREE, FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
L-1	LAVATORY - WALL MOUNTED, MANUAL FAUCET	12	12	-	32	32	4.7 LPM
L-2	LAVATORY - WALL MOUNTED, MANUAL FAUCET, BARRIER FREE	12	12	-	32	32	4.7 LPM
S-1	KITCHEN SINK - TWO COMPARTMENT, COUNTER MOUNTED	12	12	-	40	32	5.7 LPM
S-2	KITCHEN SINK - TWO COMPARTMENT COUNTER MOUNTED, BARRIER FREE	12	12	-	40	32	5.7 LPM
JS-1	JANITOR SINK- FLOOR MOUNTED, MANUAL FAUCET	20	20	-	75	32	-
LT-1	LAUNDRY TUB - COUNTER MOUNTED, MANUAL FAUCET	12	12	-	40	32	-
SH-1	SHOWER MANUAL MIXING SHOWER VALVE	12	12	-	50	32	5.7 LPM
BT-1	BATH TUB	12	12	-	40	32	-
BT-2	BATH TUB - BARRIER-FREE	12	12	-	40	32	-
WB-1	WASH BOX - FOR WASH MACHINE	20	20	-	50	32	-
EW-1	EMERGENCY EYEWASH	12	12	12	32	32	-

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TORONTO, ONTARIO
M2J 5B5
(416) 225-0343

DESIGNER STAMP:

3	19-06-2026	ISSUED FOR MECH. ADDENDUM M-001
2	01-06-2026	ISSUED FOR PERMIT
1	29-05-2026	ISSUED FOR TENDER

ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001

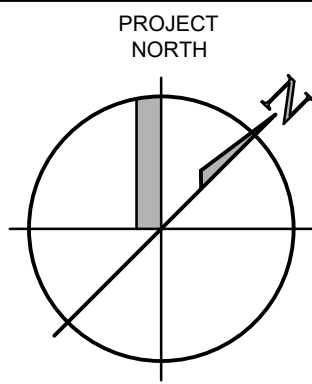
PROJECT NAME:

ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER:	THCC1902
PLOT DATE:	2026-06-19
CHECKED BY:	AC
DRAWN BY:	AG
SCALE:	1:50



DRAWING TITLE:

THIRD FLOOR WEST
PLUMBING PLAN

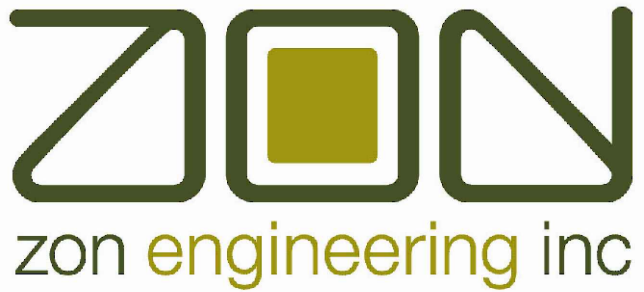
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M-403A

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ISSUE: ISSUED FOR MECHANICAL ADDENDUM M-001

PROJECT NAME:

ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS)

ADDRESS:

321 JOHN STREET,
COBOURG, ON

PROJECT NUMBER:
THCC1902

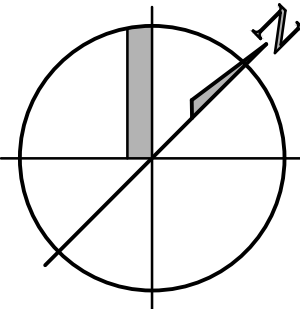
PLOT DATE:
2026-06-19

CHECKED BY:
AC

DRAWN BY:
AG

SCALE:
1:50

PROJECT
NORTH



DRAWING TITLE:

THIRD FLOOR EAST
PLUMBING PLAN

DRAWING NUMBER:

M-403B

PLUMBING CONSTRUCTION NOTES:

- 1 REFER TO DRAWING M-503A FOR CONTINUATION.
- 2 40 DCW FROM BELOW.
- 3 DASHED LINE DENOTES EXTENT OF BULKHEAD SPACE REQUIRED TO RUN PLUMBING (TYP.)
- 4 SAN VENT RISER.
- 5 20 DCW & 20 DHW TO SERVE UNIT.
- 6 PROVIDE 25 CONDENSATE DRAIN FROM FCHP TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
- 7 25 DCW & 20 DHW TO SERVE UNIT.
- 8 SANITARY VENT THROUGH ROOF
- 9 32 SAN DOWN
- 10 40 SAN DOWN

PLUMBING GENERAL NOTES:

1. ALL FLOOR/FUNNEL FLOOR/HUB DRAINS AND/OR RUNNING TRAPS SHALL BE PROVIDED WITH A TRAP SEAL PRIMER AS PER THE ONTARIO BUILDING CODE PART 7. EACH RESIDENT WASHROOM SHALL BE PROVIDED WITH A MECHANICAL TRAP SEAL PRIMER TSP-1 CONNECTED TO THE WATER LINE SERVING THE WC. THE MECHANICAL CONTRACTOR SHALL LOCATE THIS IN AN ACCESSIBLE LOCATION.
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7. RESERVED.
8. MINIMUM LINE SIZE TO BE USED UNDERGROUND SHALL BE 75mm.
9. SLOPE FOR UNDERGROUND SANITARY PIPING SIZED 100mm AND GREATER ARE 1% UNLESS OTHERWISE INDICATED.
10. BURIED SANITARY, STORM AND VENT PIPING 100MM OR SMALLER SHALL BE PVC DWV TO CANICSA-B181.2. ALL BURIED SANITARY, STORM AND VENT PIPING LARGER THAN 100MM SHALL BE PVC DIPS WITH RING-TITE JOINTS WITH LOCKED IN RUBBER RING SEALING FEATURE PROVIDING TIGHT FLEXIBLE SEAL.
11. ABOVE GROUND SANITARY, STORM AND VENT PIPING SHALL BE IPEX PVC - TYPE DWV OR CAST IRON PIPING.
12. DOMESTIC COLD AND HOT WATER PIPING SHALL BE: COPPER TUBE, HARD DRAWING, TYPE K TO ASTM B88M FOR MAIN RISERS AND COPPER TUBE, HARD DRAWN, TYPE L TO ASTM B88M FOR ALL OTHER PIPING.

PLUMBING FIXTURE SCHEDULE

TYPE	FIXTURE	HOT WATER	COLD WATER	TEMPED WATER	WASTE	VENT	FIXTURE FLOW RATING
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
WC-2	WATER CLOSET - BARRIER-FREE, FLOOR MOUNTED, FLUSH TANK	-	12	-	100	40	4.8 LPF
L-1	LAVATORY - WALL MOUNTED, MANUAL FAUCET	12	12	-	32	32	4.7 LPM
L-2	LAVATORY - WALL MOUNTED, MANUAL FAUCET, BARRIER FREE	12	12	-	32	32	4.7 LPM
S-1	KITCHEN SINK - TWO COMPARTMENT, COUNTER MOUNTED	12	12	-	40	32	5.7 LPM
S-2	KITCHEN SINK - TWO COMPARTMENT COUNTER MOUNTED, BARRIER FREE	12	12	-	40	32	5.7 LPM
JS-1	JANITOR SINK- FLOOR MOUNTED, MANUAL FAUCET	20	20	-	75	32	-
LT-1	LAUNDRY TUB - COUNTER MOUNTED, MANUAL FAUCET	12	12	-	40	32	-
SH-1	SHOWER MANUAL MIXING SHOWER VALVE	12	12	-	50	32	5.7 LPM
BT-1	BATH TUB	12	12	-	40	32	-
BT-2	BATH TUB - BARRIER-FREE	12	12	-	40	32	-
WB-1	WASH BOX - FOR WASH MACHINE	20	20	-	50	32	-
EW-1	EMERGENCY EYEWASH	12	12	12	32	32	-