NOTE: THESE ARE STANDARD ABBREVIATIONS, ALL ITEMS MAY NOT APPEAR ON DRAWINGS.

GENERAL PROJECT INFORMATION

APPLICABLE CODES: 2023 FLORIDA BUILDING CODE, 8th EDITION 2023 FLORIDA PLUMBING CODE. 8th EDITION 2023 FLORIDA FUEL & GAS CODE, 8th EDITION 2023 FLORIDA ENERGY CONSERVATION, 8th EDITION

LOCAL CITY OF JUNO BEACH ORDINANCES

GAS SERVICE:

TOTAL DEVELOPED LENGTH (TDL) 200 FEET INLET PRESSURE 2 PSIG PRESSURE DROP SPECIFIC GRAVITY - 0.60 MAX CAPACITY @ 1" PER TDL 1170 CFH PIPE MATERIAL SCHD. 40 STEEL

FIRE PROTECTION NOTE

LICENSED SPRINKLER ENGINEER OR LICENSED SPRINKLER CONTRACTOR. TO PROVIDE DRAWINGS AND CALCULATIONS FOR AN AUTOMATIC FIRE SPRINKLER SYSTEM FOR THIS BUILDING, TO COMPLY WITH SPACE LAYOUT, NFPA 13, STATE, LOCAL, AND INSURANCE UNDERWRITING AUTHORITIES. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

GENERAL SYMBOLS

PLUMBING LEGEND

DOMESTIC COLD WATER (CW)

DOMESTIC HOT WATER (HW)

SANITARY / WASTE (W)

—— — — DOMESTIC HOT WATER RETURN (HWR)

VENT (V)

STORM (ST)

OVERFLOW (OD)

NATURAL GAS (G)

RISER UP (ELBOW)

RISE OR DROP

PIPE CAP

CLEANOUT

BALL VALVE

CHECK VALVE

EXISTING PIPING

1/16" SLOPED PIPING

PIPING BELOW SLAB/FLOOR

PIPING TO BE DEMOLISHED

NOTE: THIS IS A STANDARD LEGEND. ALL ITEMS MAY NOT APPEAR ON DRAWINGS

REMOTE READ SUBMETER (WATER OR GAS)

APPROXIMATE INVERT ELEVATION

STRAINER

1/4" SLOPED PIPING

BUTTERFLY VALVE

VALVE

GREASE WASTE (GW)

RISER DOWN (ELBOW)

BRANCH - BOTTOM CONNECTION

BRANCH - TOP CONNECTION

BRANCH - SIDE CONNECTION

BALANCING VALVE (CIRCUIT SETTER)

PRESSURE REDUCING VALVE (PRV)

DESCRIPTION

PIPE SIZE AND SYSTEM (SEE ABBREVIATIONS FOR SYSTEM TYPES)

PIPE SIZE AND SYSTEM (SEE ABBREVIATIONS FOR SYSTEM TYPES)

SYMBOL

_____1" CW_____

—∣ı

<>>

NORTH ARROW

CONNECT TO EXISTING

\ S-1-√

DRAWING REVISION TAG

KEYED NOTE

-SHEET NUMBER

1-—PLAN OR DETAIL NUMBER

ADA COMPLIANCE

- VERIFY FIXTURES THAT ARE INTENDED FOR HANDICAP USE WITH CURRENT ARCHITECTURAL DRAWINGS.
- 2. PLUMBING FIXTURES DESIGNATED FOR HANDICAP USE SHALL COMPLY WITH ADA AND ALL STATE, CITY, AND LOCAL. REQUIREMENTS PERTAINING TO HANDICAP
- 3. FIXTURE INSTALLATION SHALL COMPLY WITH ADA AND ANY STATE, CITY, AND LOCAL REQUIRMENTS PERTAINING TO HANDICAP ACCESSIBILITY.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ADA AND ALL STATE, CITY, AND LOCAL REQUIREMENTS PERTAINING TO PLUMBING FIXTURES AND PLUMBING FIXTURE INSTALLATION FOR USE BY THE HANDICAPPED.

W	ATER	HAMME	ER AF	RRES	TER	SCHE	EDUL	E					
CHART GROUPED		CHART B - FOR LONG PIPE RUNS											
P.D.I SIZE	FIXTURE UNITS		P.D.I WATER HAMMER ARRESTERS										
Α	1-11	LENGTH											
В	12-32	OF PIPE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"					
С	33-60	25'	Α	Α	В	С	D	Е					
		50'	Α	В	С	D	E	F					
D	61-113	75'	В	С	D	AE	F	EF					
E	114-154	100'	С	D	Е	F	CF	FF					
		125'	С	D	F	AF	EF	EFF					
F	155-310	150'	D	E	F	DF	FF	FFF					

NOTES:

1. WATER HAMMER ARRESTERS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD PDI-WH201.

ROOF	DRAIN PERFORMANCE TABLE
ROOF DRAIN SIZE	MAX ROOF DRAIN FLOOW RATE
2" Ø	95 GPM
3" Ø	195 GPM
4" Ø	305 GPM
6" Ø	380 GPM
8" Ø	405 GPM
	<u> </u>

PLUMBING GENERAL NOTES

- 1. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC, PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC.. 2. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE
- SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE. 3. ALL PIPING SHALL BE CONCEALED INSIDE WALLS, BELOW FLOORS OR ABOVE CEILINGS UNLESS INDICATED OTHERWISE. REMOVE ALL EXISTING WATER PIPING NOT IN USE.
- 4. ALL PIPING SHALL BE SLOPED AS PER AT THE MINIMUM GRADE REQUIRED BY CODE (UNLESS NOTED OTHERWISE) FOR EACH PARTICULAR PIPE SIZE. ALL SANITARY/WASTE PIPING SHALL BE SLOPED AT 1/8" PER FOOT AND ALL GREASE WASTE PIPING SHALL BE SLOPED AT 1/4" PER FOOT UNLESS NOTED OTHERWISE. 5. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES. EXACT LOCATION OF ALL FIXTURES MUST BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION. FINAL LOCATION SHALL BE AS
- DIRECTED BY ARCHITECT. 6. DO NOT RUN PLUMBING PIPING THROUGH ELECTRICAL/COMPUTER ROOMS OR DIRECTLY ABOVE ELECTRICAL PANELS.
- INSTALL WATER HAMMER ARRESTORS (PDI'S) ON DOMESTIC COLD & HOT WATER LINES AS INDICATED ON THE DRAWINGS, IN ACCORDANCE WITH THE LOCAL PLUMBING CODE, AND/OR STANDARD PDI-WH201. ARRESTORS SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION.
- 8. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL COORDINATION AND INFORMATION.
- 9. ALL FIXTURES SHALL BE FURNISHED WITH QUARTER-TURN STOP VALVES. VALVES MAY BE IN SUPPLY PIPES OR INTEGRAL WITH SUPPLY FITTINGS.
- 10. PLUMBING CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL COSTS INVOLVED. 11. PROVIDE NEW PRESSURE REGULATOR (PRV) WITH INTEGRAL STRAINER ON ALL NEW INCOMING WATER SERVICES. PRESSURE REGULATOR SHALL BE FACTORY SET TO SUPPLY 50 PSI TO BUILDING. FOR INCOMING
- WATER SERVICES 2 INCHES AND LARGER IN SIZE, A PRESSURE REGULATOR STATION SHALL BE PROVIDED WITH TWO PARALLEL PRESSURE REGULATORS WITH INTEGRAL STRAINERS, PRESSURE GAUGES AND SHUT OFF VALVES ON EITHER SIDE OF EACH, AND A FULL SIZE BYPASS WITH NORMALLY CLOSED BALL VALVE. WATER SERVICES LARGER THAN 4" SHALL HAVE A THIRD PARALLEL LINE WITH FULL SIZE REGULATOR WITH SAME APPURTENANCES AS WELL. SEE DETAILS FOR ADDITIONAL INFORMATION/REQUIREMENTS.
- 12. INSULATE SUPPLY PIPES, STOPS AND DRAIN AT EACH ADA SINK WITH FIRE RESISTANT MOLDED FOAM INSULATING DEVICE TRUEBRO ADA LAV GUARD. 13. MINIMUM FIXTURE CONNECTION SIZES SHALL BE MADE IN ACCORDANCE WITH THE PLUMBING FIXTURE SCHEDULE
- ENDS SHALL BE CLOSED BY TEMPORARY MEANS WHEN PORTIONS OF THE SYSTEM ARE NOT COMPLETE. 15. LOCATE ALL VALVES WHERE THEY ARE ACCESSIBLE FOR SERVICE AND USE. WHERE ACCESS PANELS ARE REQUIRED COORDINATE SELECTION AND LOCATION WITH ARCHITECT.

14. ALL EQUIPMENT, PIPING, APPURTENANCES SHALL BE PROTECTED FROM DEBRIS AND DAMAGE. SENSITIVE EQUIPMENT SHALL NOT BE DELIVERED TO THE JOB SITE UNTIL SUCH TIME AS IT IS TO BE INSTALLED. PIPING

- 16. PROVIDE TRAP PRIMER AND CONNECTION FOR ANY FLOOR DRAIN, FLOOR SINK OR HUB DRAIN NOT SUBJECT TO REGULAR FLOW
- 17. ALL PIPES DROPPING AT COLUMNS SHALL BE INSTALLED WITHIN THE ENCLOSURE DETAILED ON THE ARCHITECTURAL DRAWINGS SUCH THAT THE DIMENSIONS OF THE ENCLOSURE ARE NOT ALTERED. 18. INSULATE ALL NEW HOT AND COLD WATER PIPING. SIZE PER SPECIFICATIONS.
- 19. ALL PENETRATIONS AT FLOORS AND RATED PARTIONS SHALL HAVE A UL CLASSIFIED FIRE STOP SYSTEM TESTED TO ASTM E814 AND UL 1479 BY UNDERWRITERS LABORATORIES. FIRE STOP SYSTEMS SHALL BE PROSET SYSTEMS, PENSIL FIRESTOP SYSTEMS OR 3M COMPANY.
- 20. ALL MATERIAL SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AND CLEARANCES AT BUILDING BEFORE COMMENCING WORK.

21. EXPOSED PIPING IN CONNECTION WITH PLUMBING FIXTURES SHALL BE CHROMIUM PLATED. WHERE PIPES PASS THROUGH WALLS, PROVIDE CHROMIUM PLATES ESCUTCHEONS AND FIRMLY SECURE IN PLACE.

- 22. PROVIDE APPROVED FLANGES FOR CONNECTIONS BETWEEN DRAINAGE PIPING AND FLOOR OUTLET PLUMBING FIXTURES. 23. DEFECTIVE WORK IF INSPECTION OR TESTS SHOW DEFECTS, SUCH DEFECTIVE WORK OR MATERIAL SHALL BE REPLACED AND INSPECTION AND TESTS SHALL BE REPEATED. ALL REPAIRS TO PIPING SHALL BE MADE WITH NEW MATERIAL. NO CAULKING OF SCREWED JOINTS OR HOLES WILL BE ACCEPTABLE.
- 24. CONTRACTOR TO SUBMIT ADDITIONAL SET OF GAS DRAWINGS TO HVAC PLANS REVIEWER. NOTE: SEE PLUMBING DRAWINGS FOR ANY ADDITIONAL PLUMBING SPECIFICATIONS. 25. ALL PIPING NOTED BELOW THAT IS EXPOSED TO FREEZING (NOT IN HEATED AREAS) SHALL BE PROTECTED BY A HEAT TRACE SYSTEM WITH INSULATION. HEAT TRACE FOR PIPE SIZES > 2" SHALL HAVE AN ELECTRICAL LOAD OF 5 W PER LINEAR FOOT OF PIPING WITH HEAT TRACE LINE INSTALLED AT BOTTOM OF PIPE. HEAT TRACE FOR PIPE SIZES ≤ 2" SHALL HAVE AN ELECTRICAL LOAD OF 10 W PER LINEAR FOOT (TWO STRIPS OF HEAT TRACE). UTILIZE CHROMALOX CPR COMMERCIAL SELF-REGULATING HEAT TRACE OR APPROVED EQUAL. COORDINATE ALL POWER REQUIREMENTS WITH ELECTRICAL DRAWINGS AND CONTRACTOR.
- -ALL GREASE WASTE PIPING IN EXPOSED AREAS. 26. ALL PUBLIC LAVATORY AND HAND SINK FAUCETS ARE TO BE PROVIDED WITH AN ASSE 1070 LISTED TEMPERATURE LIMITING DEVICE AS REQUIRED BY LOCAL PLUMBING CODE. CONTRACTOR SHALL UTILIZE ASSE 1070 LISTED, LEONARD MODEL LF-270 (OR APPROVED EQUAL) THERMOSTATIC MIXING VALVE SET AT 105°F MAX TO THOSE FAUCETS UNLESS NOTED OTHERWISE.

FIRE PROTECTION GENERAL NOTES

- 1. THE ARCHITECTURAL AND MEP DRAWINGS TO BE REFERENCED FOR COORDINATION ARE DIAGRAMMATIC IN NATURE, AND ARE NOT INTENDED TO INDICATE ALL POSSIBLE CONDITION. IT IS INTENDED THAT COMPLETE FIRE PROTECTION SYSTEMS BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND INTERFACES COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL PARAMETERS INDICATED IN THESE CONTRACT DOCUMENTS SHALL BE STRICTLY CONFORMED TO AS SPECIFIED. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE FIRE PROTECTION SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS, SHALL BE FURNISHED AND INSTALLED WITHOUT INCURRING ANY ADDITIONAL COST TO THE OWNER. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS, EXISTING CONDITIONS, AND WORK OF OTHER TRADES PRIOR TO THE PREPARATION OF SHOP DRAWING SUBMITTALS.
- 2. ALL MATERIAL SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AND CLEARANCES AT BUILDING BEFORE COMMENCING WORK.
- 3. THE CONTRACTOR SHALL FULFILL ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SHALL COMPLETE THE WORK INDICATED ON THE DRAWINGS. ALL SYSTEMS SHALL BE FINISHED, TESTED, AND ADJUSTED, AND PROVEN TO BE FULLY OPERATIONAL AND USEABLE.
- 4. GUARANTEE ALL EQUIPMENT AND SYSTEMS FOR ONE YEAR AFTER OWNER ACCEPTANCE. 5. COORDINATE ALL WORK WITH EXISTING CONDITIONS AND ALL TRADES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL LOCATION OF EQUIPMENT, CONDUIT, PANELS, DUCTWORK, EQUIPMENT
- SUPPORTS, PIPING, ETC. AND COORDINATE THE INSTALLATION ACCORDINGLY. 6. THE FIRE PROTECTION SPRINKLER SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13, LATEST EDITION AND THE LOCAL AUTHORITIES HAVING JURISDICTION. SUBMIT FLOW TEST RESULTS, SHOP DRAWINGS, DETAILS. HYDRAULIC CALCULATIONS, ETC. AS REQUIRED BY THE LOCAL AUTHORITIES HAVING JURISDICTION. OBTAIN FLOW TEST INFORMATION AS REQUIRED TO PROPERLY ANALYZE THE STREET WATER PRESSURE
- AVAILABLE FOR THE SYSTEM. REFER TO THE CONTRACT SPECIFICATIONS FOR ADDITIONAL INFORMATION. 7. PREPARE A REFLECTED CEILING PLAN INDICATING THE SPRINKLER HEAD LOCATIONS AND SUBMIT THIS TO THE ARCHITECT FOR REVIEW (NOT FOR ENGINEER REVIEW). COORDINATE THE SPRINKLER HEAD LOCATIONS
- WITH THE LIGHTING AND DIFFUSER / GRILLE LAYOUT. SPRINKLER HEADS SHALL BE LOCATED AT THE CENTER POINT OF CEILING TILES OR AN ORGANIZED PATTERN FÓR GYPSUM BOARD TYPE CEILINGS. 8. ALL NEW SPRINKLERS SHALL MATCH TEMPERATURE AND RTI (RESPONSE TIME INDEX) OF EXISTING SPRINKLERS. 9. AREAS WHERE GLASS IS USED IN A 1 HOUR RATED PARTITION AND GLASS IS NOT SPECIFIED BY ARCHITECT TO MEET THIS RATING. "GLASS WASH" SPRINKLERS SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE
- CODE AT 6'-0" ON CENTER WITHIN 12" OF GLASS.
- A. FURNISH ALL LABOR, MATERIAL, EQUIPMENT AND TOOLS REQUIRED TO COMPLETE INSTALLATION OF THE FIRE PROTECTION SYSTEMS INCLUDING BUT NOT LIMITED TO PIPING, INSULATION, EQUIPMENT, SPRINKLER HEADS, AND ALL OTHER WORK INDICATED ON THE DRAWINGS OR AS SPECIFIED.
- B. OBTAIN ALL PERMITS, INSPECTIONS, AND APPROVALS AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION AND DELIVER CERTIFICATE OF APPROVAL TO THE GENERAL CONTRACTOR. ALL ASSOCIATED FEES SHALL BE PAID BY THE CONTRACTOR.
- C. CONTRACTOR SHALL COMPLY WITH OSHA REQUIREMENTS.

-ALL P-TRAPS IN EXPOSED AREAS.

-ALL DOMESTIC WATER SUPPLY AND WET FIRE SPRINKLER PIPING IN EXPOSED AREAS.

- D. ALL MATERIALS AND EQUIPMENT OF THE FIRE PROTECTION SYSTEMS NECESSARY TO ITS PROPER OPERATION, BUT NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND
- E. VISIT SITE AND CAREFULLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. NO ALLOWANCE WILL BE MADE FOR LACK OF KNOWLEDGE OF EXISTING CONDITIONS. ANY ADJUSTMENTS IN PIPE ROUTING SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- F. WORK SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE AND CURRENT BUILDING CODE, FIRE PROTECTION CODE, NFPA 13, AND LOCAL AUTHORITIES HAVING JURISDICTION.

					GAS	S-FIRED V	VATER H	HEATER	SCHED	ULE
			G	AS PROPERTIES	3	RECOVERY @				
		STORAGE CAPACITY				80°F TEMP				
MARK	TYPE	(GAL)	INPUT (MBH)	EFF. (%)	GAS	RISE (GPH)	MAKE/MODEL	ELECTRICAL	LOCATION	REMARKS
GWH-1	TANK	100	199	97	NATURAL	294	AO SMITH /	120V/1Φ	WATER	PROVIDE WITH LOW PROFILE TERMINATION KIT, ACID NEUTRALIZATION VENT KIT, ANDOPTIONAL
							MXI BTH-199		HEATER 110.1	LEAK DETECTION KIT BY WATER HEATER MANUFACTURER.
GWH-2	TANK	100	199	97	NATURAL	294	AO SMITH /	120V/1Φ	WATER	PROVIDE WITH LOW PROFILE TERMINATION KIT, ACID NEUTRALIZATION VENT KIT, ANDOPTIONAL
							MXI BTH-199		HEATER 110.1	LEAK DETECTION KIT BY WATER HEATER MANUFACTURER.
GWH-3	TANK	100	199	97	NATURAL	294	AO SMITH /	120V/1Φ	WATER	PROVIDE WITH LOW PROFILE TERMINATION KIT, ACID NEUTRALIZATION VENT KIT, ANDOPTIONAL
							MXI BTH-199		HEATER 120.1	LEAK DETECTION KIT BY WATER HEATER MANUFACTURER.
GWH-4	TANK	100	199	97	NATURAL	294	AO SMITH /	120V/1Φ	WATER	PROVIDE WITH LOW PROFILE TERMINATION KIT, ACID NEUTRALIZATION VENT KIT, ANDOPTIONAL
							MXI BTH-199		HEATER 120.1	LEAK DETECTION KIT BY WATER HEATER MANUFACTURER.

	PUMP SCHEDULE									
MARK	SERVICE	MAKE/MODEL	CAPACITY (GPM)	DISCHARGE HEAD (FT)	HP	ELECTRICAL	. REMARKS			
CP-1	RECIRC. PUMP	BELL & GOSSETT / XL 20-35	5	15	1/12	115V/1Ф	ELECTRICALLY COMMUTATED MOTOR WITH BUILT-IN ELECTRICAL OVERLOAD AND DRY RUN PROTECTION. INTEGRAL, STAND-ALONE CONTROLS FOR CONSTANT TEMPERATURE OPERATION (SET AT 115°F). STAINLESS STEEL CONSTRUCTION. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.			
CP-2	RECIRC. PUMP	BELL & GOSSETT / XL 20-35	4	10	1/12	115V/1Ф	ELECTRICALLY COMMUTATED MOTOR WITH BUILT-IN ELECTRICAL OVERLOAD AND DRY RUN PROTECTION. INTEGRAL, STAND-ALONE CONTROLS FOR CONSTANT TEMPERATURE OPERATION (SET AT 115°F). STAINLESS STEEL CONSTRUCTION. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.			
DBP-1	DUPLEX BOOSTER PUMP	HYFAB / MVP-630-208	95	45	3 (EA.)	208V/1Ф	MOUNT ON 6" MINIMUM THICK INERTIA BASE FRAME WITH SPRING ISOLATORS AND 1/4" MINIMUM NEOPRENE NOISE ISOLATION PADS. 60/60 PUMP LOADS.			
ESP-1	ELEVATOR SUMP PUMP	BELL & GOSSET / MODEL ELK2EC1038	100	20	1	115V/1Φ	OIL MINDER SUMP PUMP WITH ALARM PANEL. PROVIDE WITH FULL OPEN PORT SHUT OFF VALVE AND CHECK VALVE OUTSIDE OF SUMP PIT. PLUG-TYPE DISCONNECT. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.			
ESP-2	ELEVATOR SUMP PUMP	BELL & GOSSET / MODEL ELK2EC1038	100	20	1	115V/1Φ	OIL MINDER SUMP PUMP WITH ALARM PANEL. PROVIDE WITH FULL OPEN PORT SHUT OFF VALVE AND CHECK VALVE OUTSIDE OF SUMP PIT. PLUG-TYPE DISCONNECT. SEE ELECTRICAL DRAWINGS FOR EXACT POWER REQUIREMENTS.			
FP-1	FIRE PUMP	BY FP CONTRACTOR	750		30	208V/3Ф	BY FP CONTRACTOR			
FP-2	FIRE PUMP	BY FP CONTRACTOR	750		30	208V/3Ф	BY FP CONTRACTOR			

			FIXTURE	MIN (CONNEC	TION SIZE	MINIMUM	
MARK	DESCRIPTION	MAKE/MODEL	SUPPORT		HW	WASTE	VENT SIZE	REMARKS
DS	DOWNSPOUT BOOT	MIFAB / R1500	WALL			SEE PLANS		COORDINATE ALL DOWNSPOUT LOCATIONS WITH ARCHITECTURAL PLANS. PROVIDE WITH CLEANOUT.
FD-1	FLOOR DRAIN	MIFAB / F1103-C-TS	FLOOR	**		SEE PLANS	SEE PLANS	"TOP SET" FINISHED FLOOR DRAIN WITH 6" DIAM, ADJUSTABLE NICKEL BRONZE STRAINER. PROVIDE WITH PLASTIC COVER AND TRAP PRIMER CONNECTION (**PROVIDE WITH 1/2" TRAP PRIMER CONNECTION FROM NEARBY SINK TAILPIECE - MIFAB MODEL MI-750 OR APPROVED EQUAL).
FPHB	WALL HYDRANT	WOODFORD / B67	WALL	3/4"				WALL HYDRANT WITH BOX AND KEY. PROVIDE WITH SHUT-OFF VALVE IN ACCESSIBLE LOCATION.
IMB-1	ICE-MAKER BOX	OATEY / 37385	WALL	1/2"				FIRE-RATED ICE MAKER SUPPLY BOX WITH INTEGRAL WATER HAMMER ARRESTOR AND QUARTER TURN STOP VALVE. OATEY MODEL 37687 TO BE USED IN LIEU OF MODEL SPECIFIED FOR ANY IMB INSTALLED IN NON FIRE-RATED ASSEMBLIES.
LV-1	LAVATORY	RUVATI / RVB0616	COUNTER	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH DELTA MODEL, 15999-DST FAUCET (1.2 GPM)
LV-2	LAVATORY	KOHLER / K-2035-1	WALL	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH GRID STYLE DRAIN, AND BRADLEY FAUCET, S53-3100. 0.5 GPM MAX. CARRIER TO BE ABLE TO HOLD MINIIMUM 25 LBS.
MS-1	MOP SINK	FIAT / MSB2424	FLOOR	1/2"	1/2"	3"	SEE PLANS	MOLDED STONE MOP SINK BASIN. PROVIDE WITH FIAT MODEL 830-AA CHROME PLATED SERVICE FAUCET WITH INTEGRAL VACUUM BREAKER, STOPS, WALL BRACE, PAIL HOOK, AND THREADED OUTLET. PROVIDE WITH STAINLESS STEEL WALL GUARDS.
OD-1	OVERFLOW ROOF DRAIN	ZURN / Z100F-89	ROOF			SEE PLANS		OVERFLOW ROOF DRAIN TO BE PROVIDED WITH 2" DAM.
RD-1	ROOF DRAIN	ZURN / Z100F	ROOF			SEE PLANS		PRIMARY ROOF DRIAN SHALL BE LOCATED AT LOWEST POINTS ON ROOF.
RH-1	ROOF HYDRANT	WOODFORD / SRH-MS	ROOF	3/4"				ROOF HYDRANT WITH MOUNTING SET. NO DRAIN REQUIRED. PROVIDE WITH SHUT-OFF VALVE IN ACCESSIBLE LOCATION.
SH-1	SHOWER	COMFORT DESIGNS / SSB6232BFL/RCOL	FLOOR	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH HDSUPPLY MODEL 400070 SINGLE HANDLE, PULL DOWN FAUCET (1.5 GPM). FOR ADA UNITS PROVIDE PAN WITH BARRIER FREE, COLLAPSIBLE 1" HIGH THRESHOLD AND DRAIN. CAPSTONE MODEL 40124 COMPLETE ADA SHOWER SYSTEM WITH HANDHELD SHOWER AND SLIDE BAR, HOSE, CONTROL VALVE WITH INTEGRAL STOPS AND TEMPERATURE LIMIT SET AT 120°F (1.5 GPM).
SK-1	SINK	HDSUPPLY / 837465	COUNTER	1/2"	1/2"	2"	SEE PLANS	PROVIDE WITH HDSUPPLY MODEL 400070 SINGLE HANDLE, PULL DOWN FAUCET (1.5 GPM).
WC-1	WATER CLOSET	KOHLER / K-4199	FLOOR	1/2"		4"	SEE PLANS	COMPLETE TANK TYPE TOILET (1.28 GPF). PROVIDE WITH KOHLER K-4636-0 SEAT.
WMB-1	WASHING MACHINE BOX	OATEY / 37357	WALL	1/2"	1/2"	2"	SEE PLANS	FIRE RATED WASHING MACHINE SUPPLY BOX WITH QUARTER-TURN STOP VALVES AND INTEGRAL WATER HAMMER ARRESTOR OATEY MODEL 37609 TO BE USED IN LIEU OF MODEL SPECIFIED FOR ANY WMB INSTALLED IN NON FIRE-RATED ASSEMBLIES.

SHEET NUMBER SHEET NAME							
SHEET NUMBER							
P-001	PLUMBING GENERAL						
P-141-A	SANITARY PLAN - FIRST FLOOR - AREA A						
P-141-B	SANITARY PLAN - FIRST FLOOR - AREA B						
P-142-A	SANITARY PLAN - SECOND FLOOR - AREA A						
P-142-B	SANITARY PLAN - SECOND FLOOR - AREA B						
P-143-A	SANITARY PLAN - THIRD FLOOR - AREA A						
P-143-B	SANITARY PLAN - THIRD FLOOR - AREA B						
P-144-A	SANITARY PLAN - FOURTH FLOOR - AREA A						
P-145-A	SANITARY PLAN - ROOF FLOOR - AREA A						
P-145-B	SANITARY PLAN - ROOF FLOOR - AREA B						
P-151-A	SUPPLY PLAN - FIRST FLOOR - AREA A						
P-151-B	SUPPLY PLAN - FIRST FLOOR - AREA B						
P-152-A	SUPPLY PLAN - SECOND FLOOR - AREA A						
P-152-B	SUPPLY PLAN - SECOND FLOOR - AREA B						
P-153-A	SUPPLY PLAN - THIRD FLOOR - AREA A						
P-153-B	SUPPLY PLAN - THIRD FLOOR - AREA B						
P-154-A	SUPPLY PLAN - FOURTH FLOOR - AREA A						
P-155-A	SUPPLY PLAN - ROOF FLOOR - AREA A						
P-155-B	SUPPLY PLAN - ROOF FLOOR - AREA B						
P-470	ENLARGED PLUMBING PLAN - UNIT A						
P-471	ENLARGED PLUMBING PLAN - UNIT A1						
P-472	ENLARGED PLUMBING PLAN - UNIT B						
P-473	ENLARGED PLUMBING PLAN - UNIT B1						
P-474	ENLARGED PLUMBING PLAN - UNIT C						
P-475	ENLARGED PLUMBING PLAN - UNIT D						
P-476	ENLARGED PLUMBING PLAN - UNIT D1						
P-477	ENLARGED PLUMBING PLAN - UNIT D2						
P-478	ENLARGED PLUMBING PLAN - UNIT E						
P-479	ENLARGED PLUMBING PLAN - UNIT E1						
P-480	ENLARGED PLUMBING PLAN - UNIT E2						
P-481	ENLARGED PLUMBING PLAN - UNIT F						
P-482	ENLARGED PLUMBING PLAN - UNIT G						
P-500	PLUMBING RISERS						
P-501	PLUMBING RISERS						
P-600	PLUMBING DETAILS						

Salas O'Brien.

3200 Windy Hill Road, SE, Suite 200E Atlanta, GA 30339

P-001

NO. DATE DESCRIPTION

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08

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DESIGN

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2100 RiverEdge Parkway Suite 900 Atlanta, GA 30328

PH: 770 916 2220 FAX: 770 916 2299

www.thw.com

ISSUED FOR

CONSTRUCTION

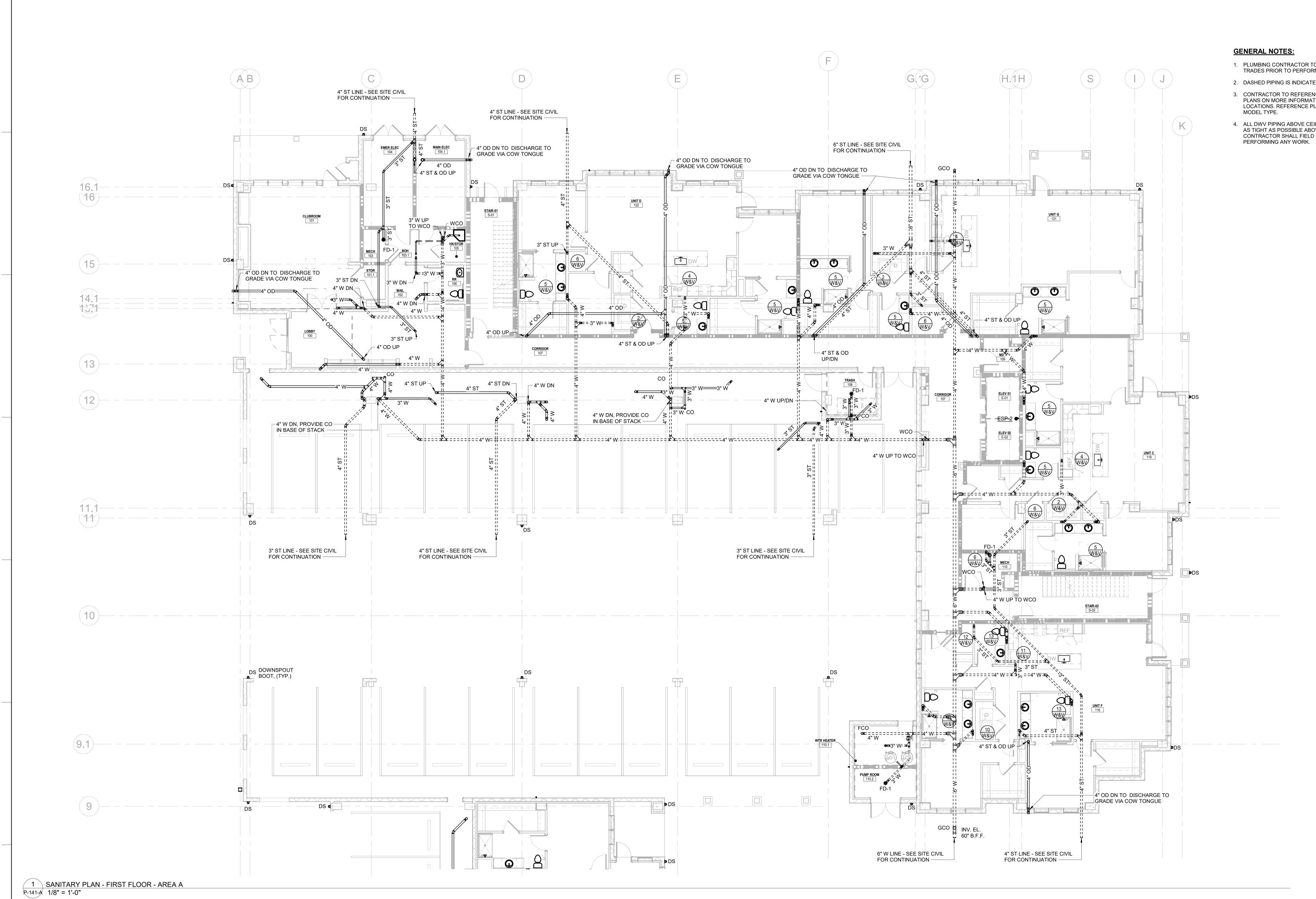
Project No.: 2021009

PLUMBING

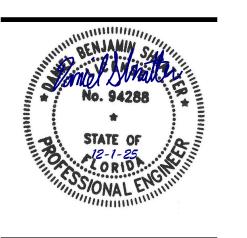
GENERAL

08/22/2025

Project Number: 2024-03276 12/2/2025 10:13:01 AM



- 1. PLUMBING CONTRACTOR TO COORDINATE ROUTING WITH ALL TRADES PRIOR TO PERFORMING ANY WORK.
- 2. DASHED PIPING IS INDICATED AS BELOW FLOOR.
- 3. CONTRACTOR TO REFERENCE ARCHITECTURAL AND CIVIL PLANS ON MORE INFORMATION REGARDING DOWNSPOUT AND LOCATIONS. REFERENCE PLUMBING SCHEDULE FOR BOOT
- 4. ALL DWV PIPING ABOVE CEILINGS SHALL START THEIR ROUTE AS TIGHT AS POSSIBLE ABOVE. PLUMBING AND MECHANICAL CONTRACTOR SHALL FIELD COORDINATE ROUTING PRIOR TO PERFORMING ANY WORK.





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Project No.: 2021009 08/22/2025

SANITARY PLAN - FIRST FLOOR -AREA A

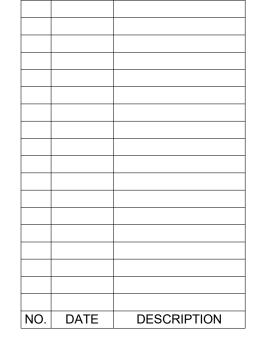
Atlanta 3200 Windy Hill Road, SE, Suite 200E Atlanta, GA 30339 P-141-A

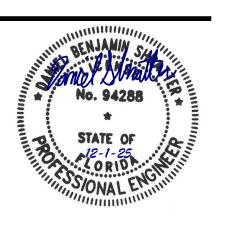
Salas O'Brien

Project Number: 2024-03276

12/2/2025 10:13:05 AM

- 1. PLUMBING CONTRACTOR TO COORDINATE ROUTING WITH ALL TRADES PRIOR TO PERFORMING ANY WORK.
- 2. DASHED PIPING IS INDICATED AS BELOW FLOOR.
- 3. CONTRACTOR TO REFERENCE ARCHITECTURAL AND CIVIL PLANS ON MORE INFORMATION REGARDING DOWNSPOUT AND LOCATIONS. REFERENCE PLUMBING SCHEDULE FOR BOOT MODEL TYPE.
- 4. ALL DWV PIPING ABOVE CEILINGS SHALL START THEIR ROUTE AS TIGHT AS POSSIBLE ABOVE. PLUMBING AND MECHANICAL CONTRACTOR SHALL FIELD COORDINATE ROUTING PRIOR TO PERFORMING ANY WORK.







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Project No.: 2021009
Date: 08/22/2025

SANITARY PLAN - FIRST FLOOR -AREA B

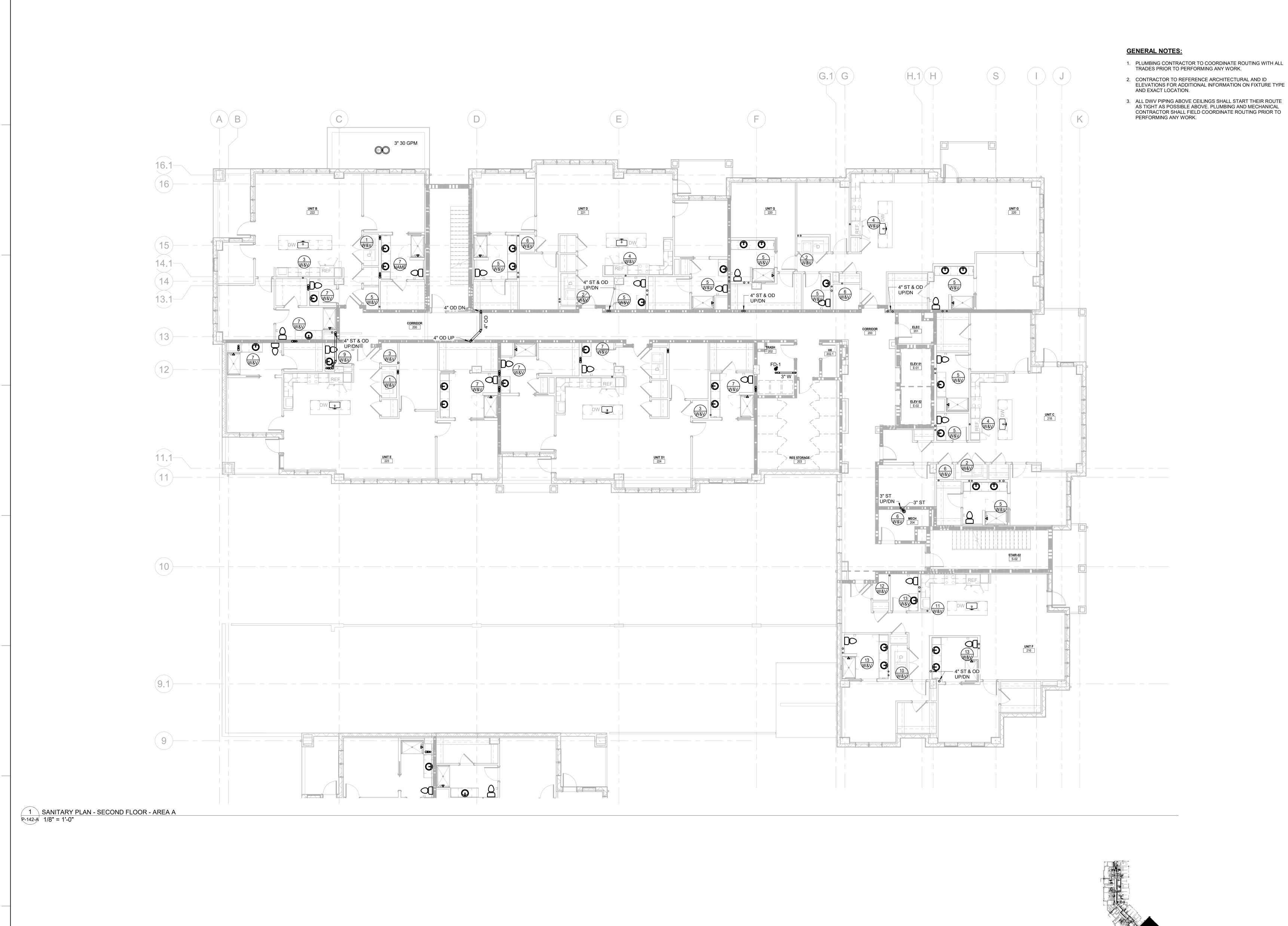
P-141-B

Salas O'Brien

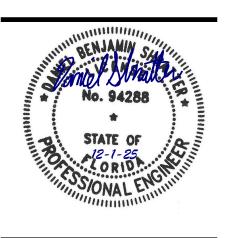
Atlanta 3200 Windy Hill Road, SE, Suite 200E Atlanta, GA 30339

Project Number: 2024-03276

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- CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.



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Date: 08/22/2025

SANITARY PLAN - SECOND FLOOR - AREA A

P-142-A

12/2/2025 10:13:13 AM

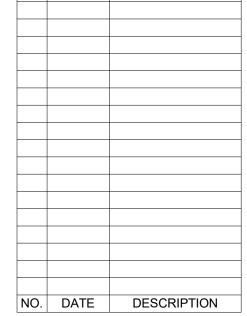
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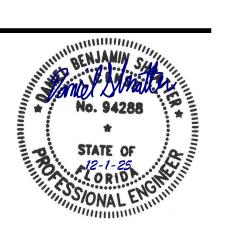
Atlanta 3200 Windy Hill Road, SE, Suite 200E Atlanta, GA 30339

2 FIRST FLOOR Copy 2 P-142-A 1" = 100'-0"

Project Number: 2024-03276

- PLUMBING CONTRACTOR TO COORDINATE ROUTING WITH ALL TRADES PRIOR TO PERFORMING ANY WORK.
- CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.
- 3. ALL DWV PIPING ABOVE CEILINGS SHALL START THEIR ROUTE AS TIGHT AS POSSIBLE ABOVE. PLUMBING AND MECHANICAL CONTRACTOR SHALL FIELD COORDINATE ROUTING PRIOR TO PERFORMING ANY WORK.







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SANITARY PLAN
- SECOND
FLOOR - AREA B

P-142-B

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Atlanta 3200 Windy Hill Road, SE, Suite 200E Atlanta, GA 30339

12/2/2025 10:13:17 AM

P-143-A

Project Number: 2024-03276

PLUMBING CONTRACTOR TO COORDINATE ROUTING WITH ALL TRADES PRIOR TO PERFORMING ANY WORK.

CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.

ALL DWV PIPING ABOVE CEILINGS SHALL START THEIR ROUTE AS TIGHT AS POSSIBLE ABOVE. PLUMBING AND MECHANICAL CONTRACTOR SHALL FIELD COORDINATE ROUTING PRIOR TO PERFORMING ANY WORK.

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Project No.: 2021009

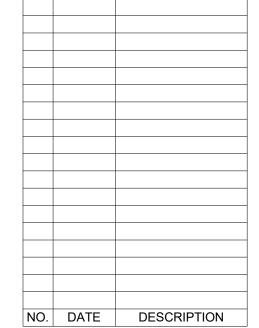
SANITARY PLAN

- THIRD FLOOR

- AREA A

08/22/2025

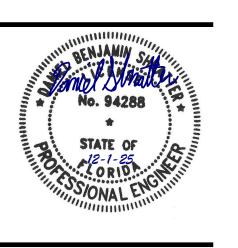
- PLUMBING CONTRACTOR TO COORDINATE ROUTING WITH ALL TRADES PRIOR TO PERFORMING ANY WORK.
- CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.
- 3. ALL DWV PIPING ABOVE CEILINGS SHALL START THEIR ROUTE AS TIGHT AS POSSIBLE ABOVE. PLUMBING AND MECHANICAL CONTRACTOR SHALL FIELD COORDINATE ROUTING PRIOR TO PERFORMING ANY WORK.



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Date: 08/22/2025

SANITARY PLAN
- THIRD FLOOR
- AREA B

P-143-B

Salas O'Brien

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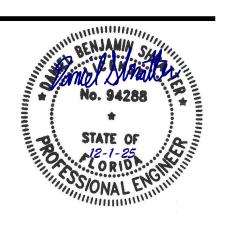
Atlanta
3200 Windy Hill Road, SE, Suite 200E
Atlanta, GA 30339

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Project Number: 2024-03276

- CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.
- ALL DWV PIPING ABOVE CEILINGS SHALL START THEIR ROUTE AS TIGHT AS POSSIBLE ABOVE. PLUMBING AND MECHANICAL CONTRACTOR SHALL FIELD COORDINATE ROUTING PRIOR TO PERFORMING ANY WORK.





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SANITARY PLAN - FOURTH FLOOR - AREA A

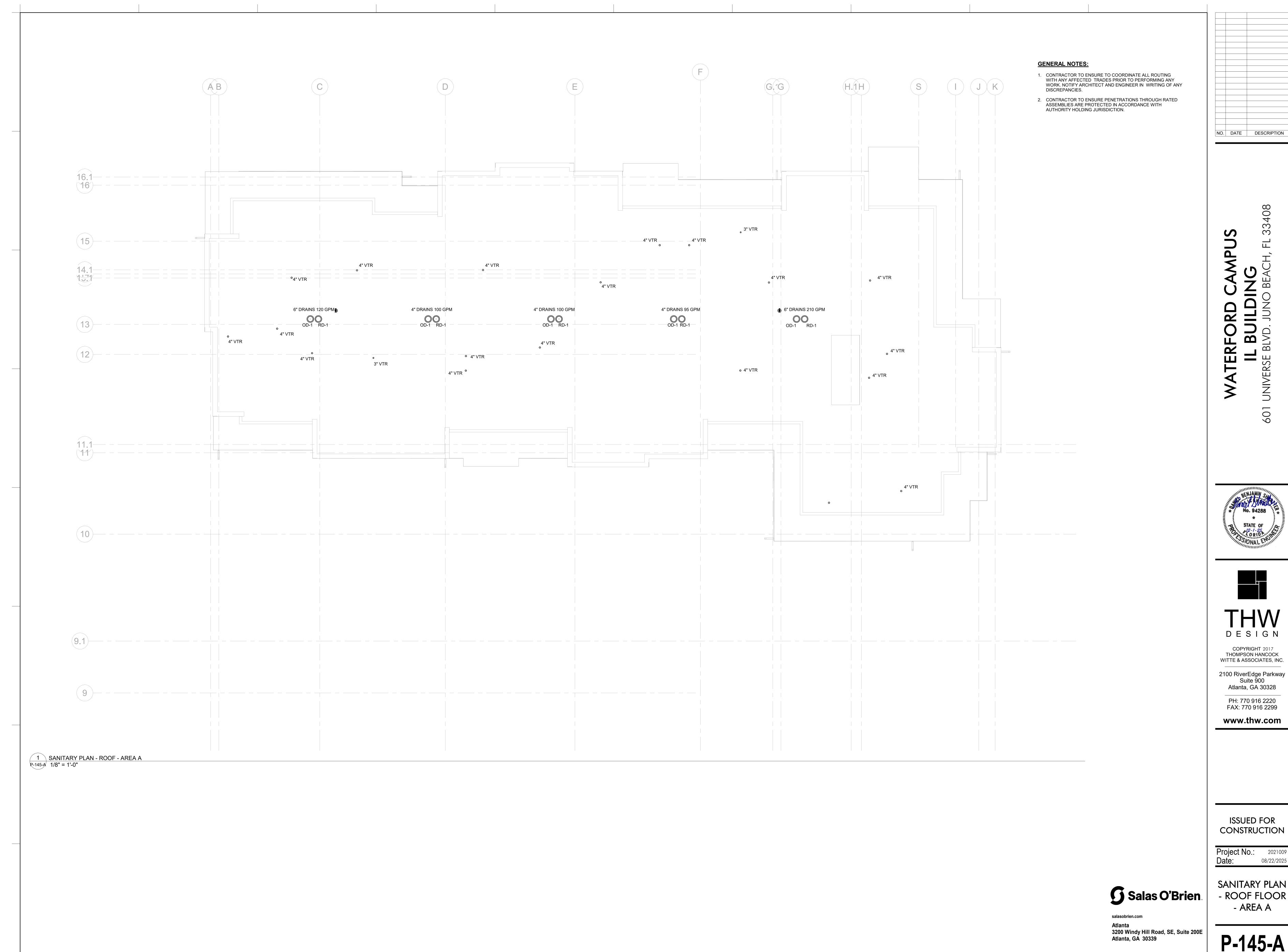
P-144-A

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Date: 08/22/2025

SANITARY PLAN
- ROOF FLOOR
- AREA A

P-145-A

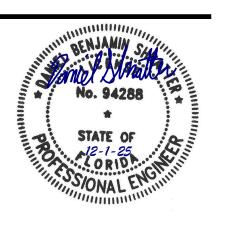
Project Number: 2024-03276

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- CONTRACTOR TO ENSURE TO COORDINATE ALL ROUTING WITH ANY AFFECTED TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY DISCREPANCIES.
- CONTRACTOR TO ENSURE PENETRATIONS THROUGH RATED ASSEMBLIES ARE PROTECTED IN ACCORDANCE WITH AUTHORITY HOLDING JURISDICTION.

NO. DATE DESCRIPTION

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Date: 08/22/2025

SANITARY PLAN
- ROOF FLOOR
- AREA B

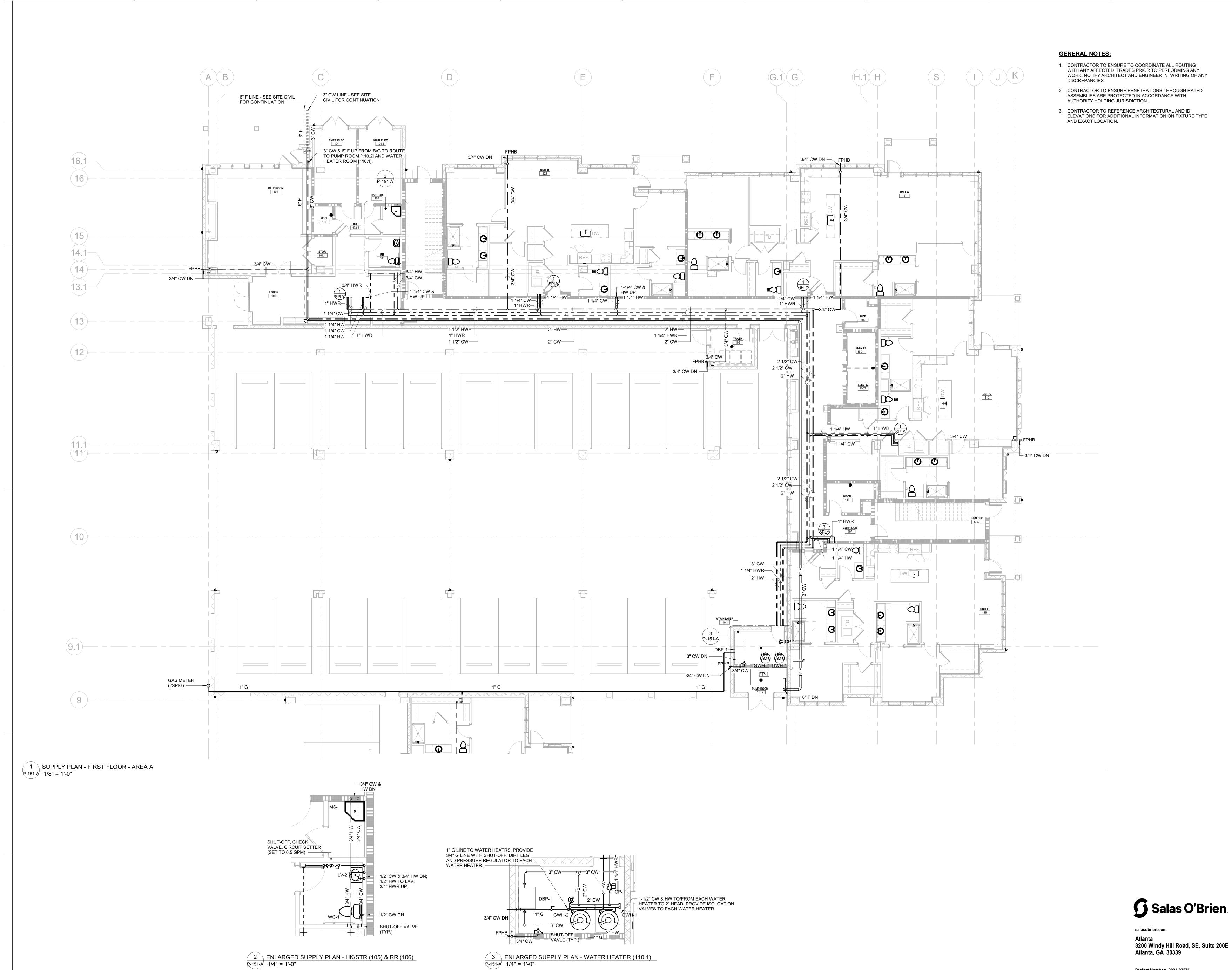
P-145-B

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SUPPLY PLAN -FIRST FLOOR -AREA A

P-151-A

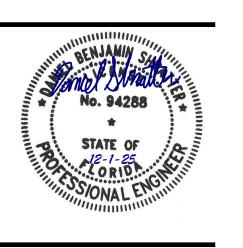
Project Number: 2024-03276

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- CONTRACTOR TO ENSURE TO COORDINATE ALL ROUTING WITH ANY AFFECTED TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY DISCREPANCIES.
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- CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.

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SUPPLY PLAN -FIRST FLOOR -

AREA B

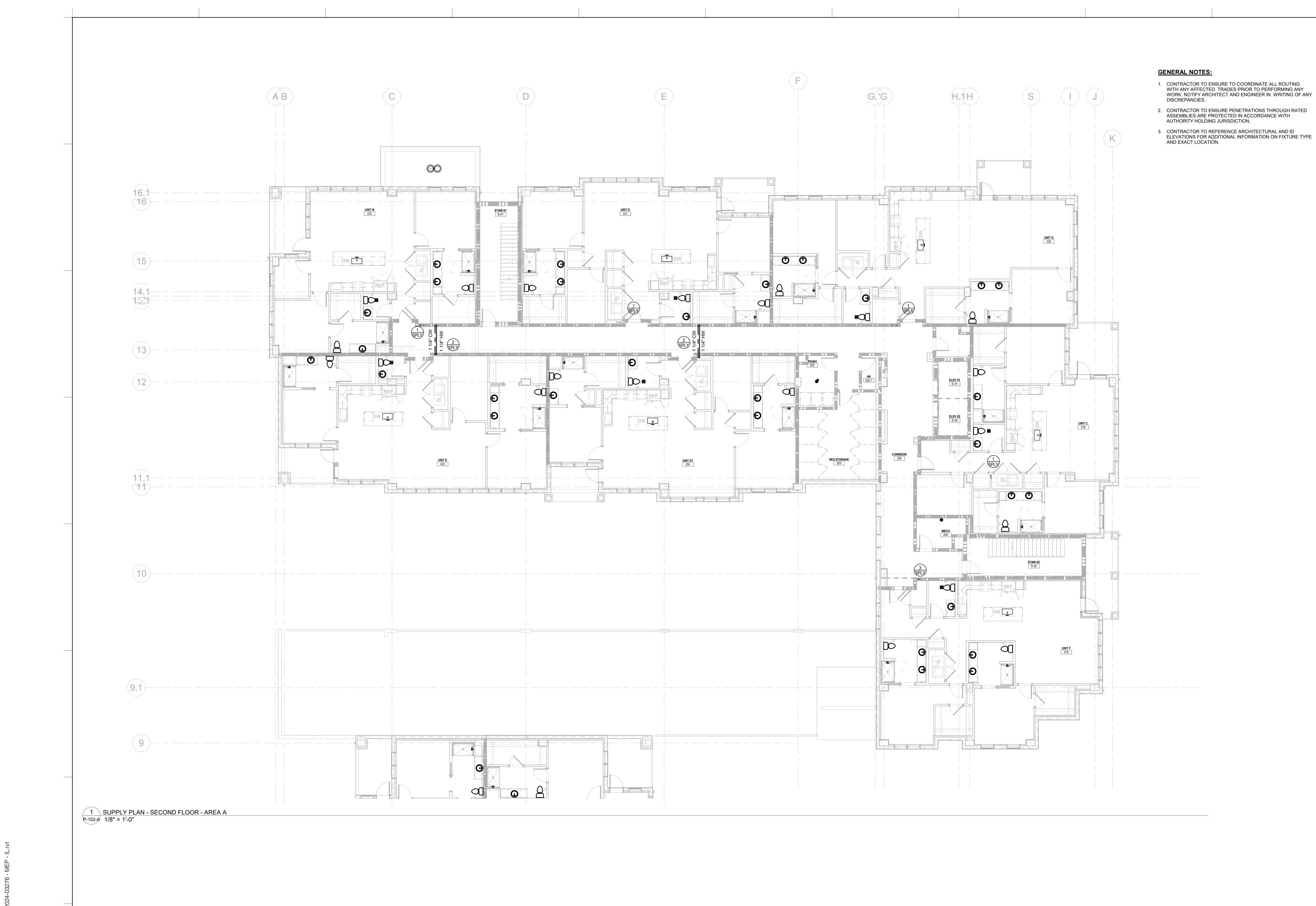
P-151-B

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SUPPLY PLAN -

P-152-A

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Project No.: 2021009

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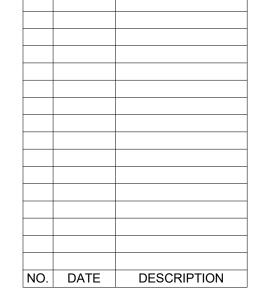
Salas O'Brien SECOND FLOOR - AREA A

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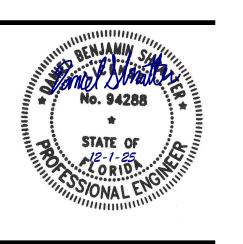
- CONTRACTOR TO ENSURE TO COORDINATE ALL ROUTING WITH ANY AFFECTED TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY DISCREPANCIES.
- CONTRACTOR TO ENSURE PENETRATIONS THROUGH RATED ASSEMBLIES ARE PROTECTED IN ACCORDANCE WITH AUTHORITY HOLDING JURISDICTION.
- 3. CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.



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Date: 08/22/2025

SUPPLY PLAN -SECOND FLOOR - AREA B

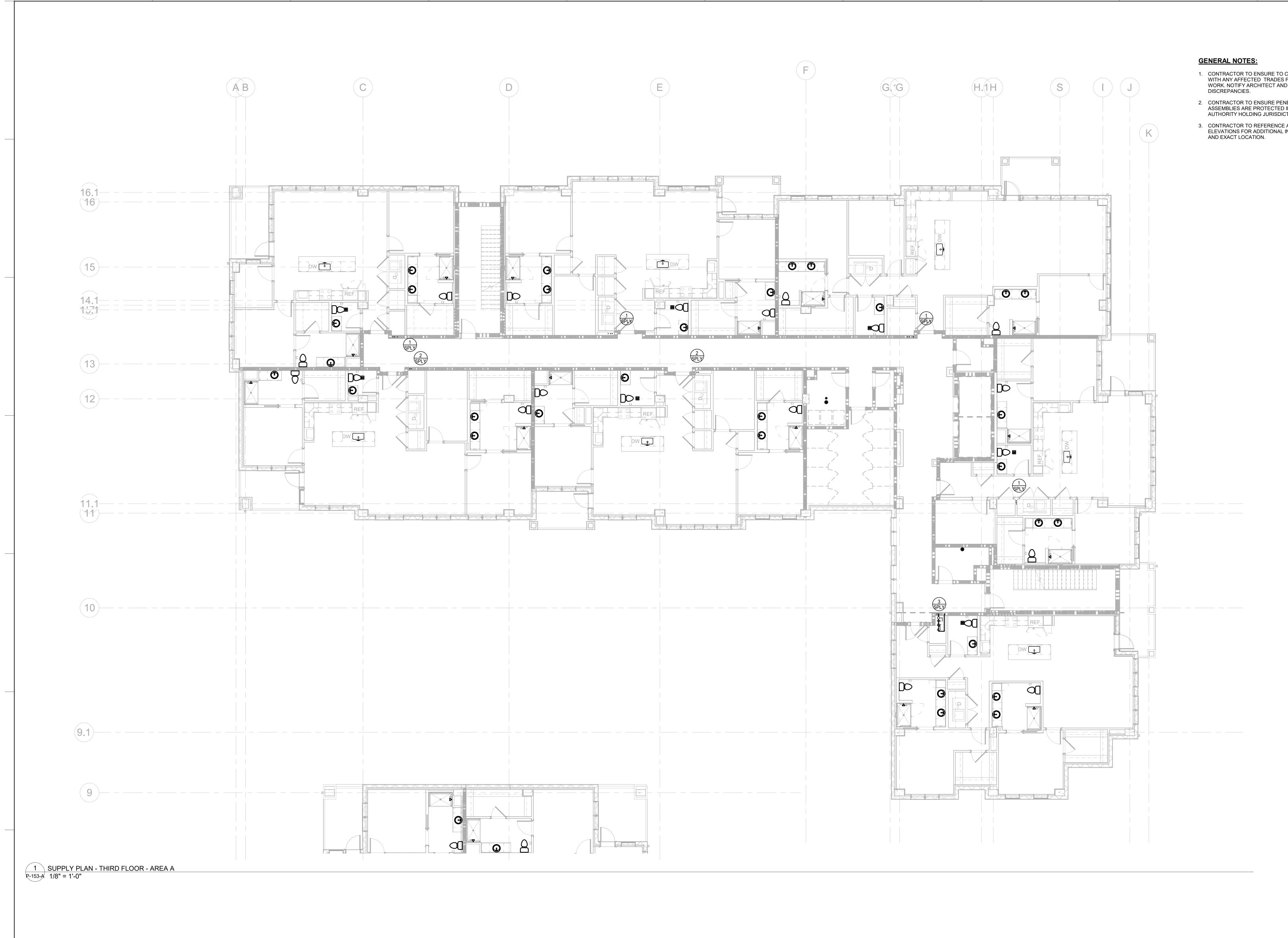
P-152-B

Project Number: 2024-03276

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- CONTRACTOR TO ENSURE TO COORDINATE ALL ROUTING WITH ANY AFFECTED TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY
- CONTRACTOR TO ENSURE PENETRATIONS THROUGH RATED ASSEMBLIES ARE PROTECTED IN ACCORDANCE WITH AUTHORITY HOLDING JURISDICTION.
- CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.



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Project No.: 2021009 Date: 08/22/2025

SUPPLY PLAN -THIRD FLOOR -AREA A

P-153-A

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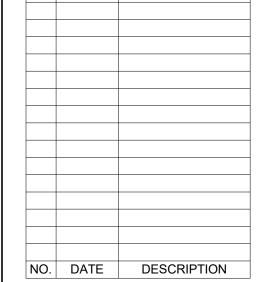
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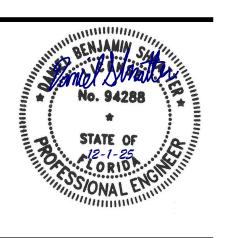
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- CONTRACTOR TO ENSURE TO COORDINATE ALL ROUTING WITH ANY AFFECTED TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY DISCREPANCIES.
- CONTRACTOR TO ENSURE PENETRATIONS THROUGH RATED ASSEMBLIES ARE PROTECTED IN ACCORDANCE WITH AUTHORITY HOLDING JURISDICTION.
- CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.



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Project No.: 2021009
Date: 08/22/2025

SUPPLY PLAN -THIRD FLOOR -AREA B

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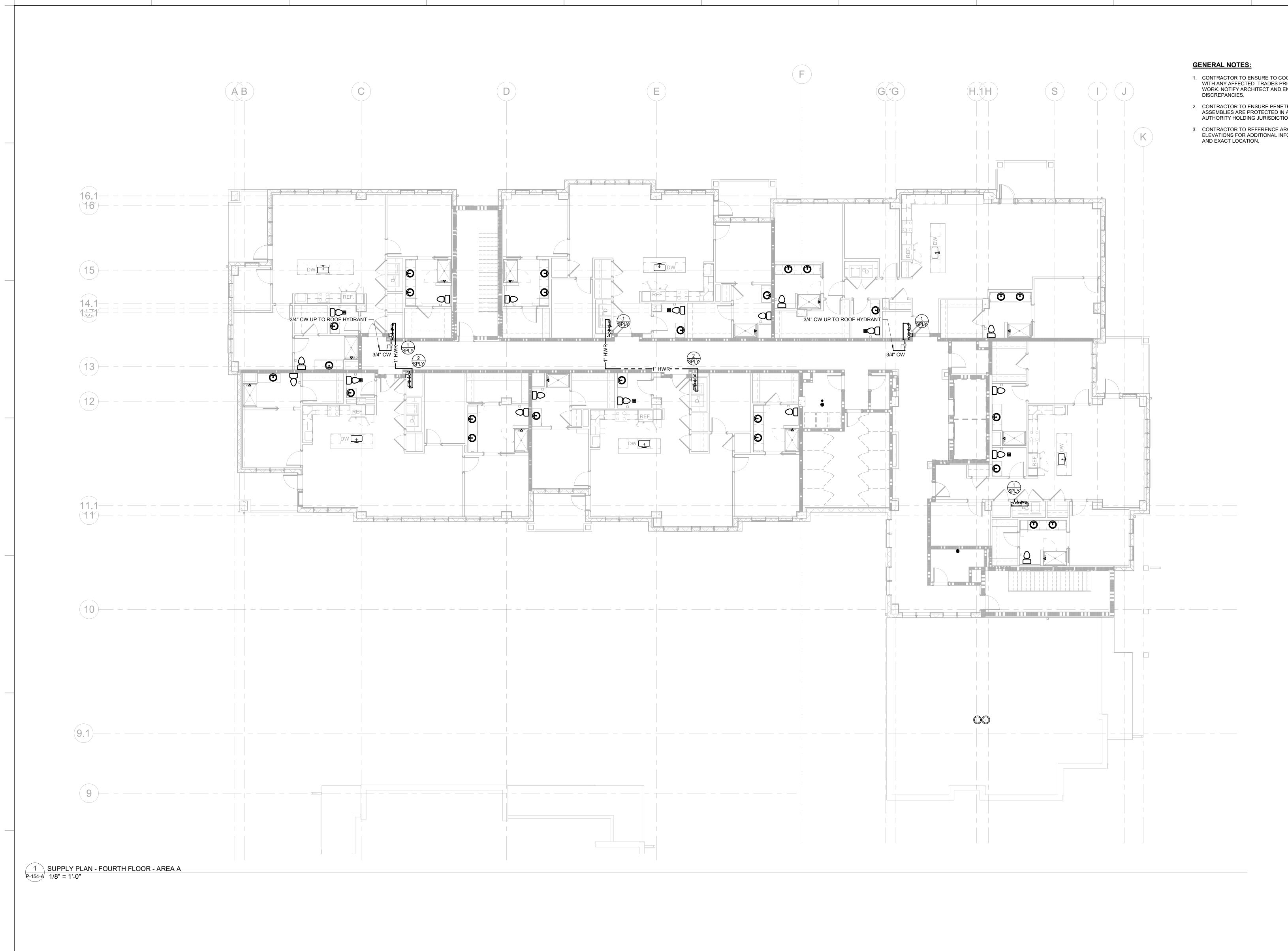
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Project Number: 2024-03276

P-153-B



- CONTRACTOR TO ENSURE TO COORDINATE ALL ROUTING WITH ANY AFFECTED TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY
- CONTRACTOR TO ENSURE PENETRATIONS THROUGH RATED ASSEMBLIES ARE PROTECTED IN ACCORDANCE WITH AUTHORITY HOLDING JURISDICTION.
- CONTRACTOR TO REFERENCE ARCHITECTURAL AND ID ELEVATIONS FOR ADDITIONAL INFORMATION ON FIXTURE TYPE AND EXACT LOCATION.



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SUPPLY PLAN -FOURTH FLOOR - AREA A

P-154-A

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SUPPLY PLAN -ROOF FLOOR -

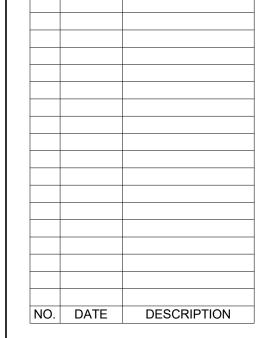
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Project Number: 2024-03276

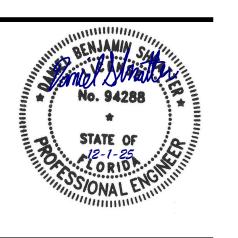
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P-155-A

- CONTRACTOR TO ENSURE TO COORDINATE ALL ROUTING WITH ANY AFFECTED TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY DISCREPANCIES.
- CONTRACTOR TO ENSURE PENETRATIONS THROUGH RATED ASSEMBLIES ARE PROTECTED IN ACCORDANCE WITH AUTHORITY HOLDING JURISDICTION.



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Date: 08/22/2025

SUPPLY PLAN -ROOF FLOOR -AREA B

P-155-B

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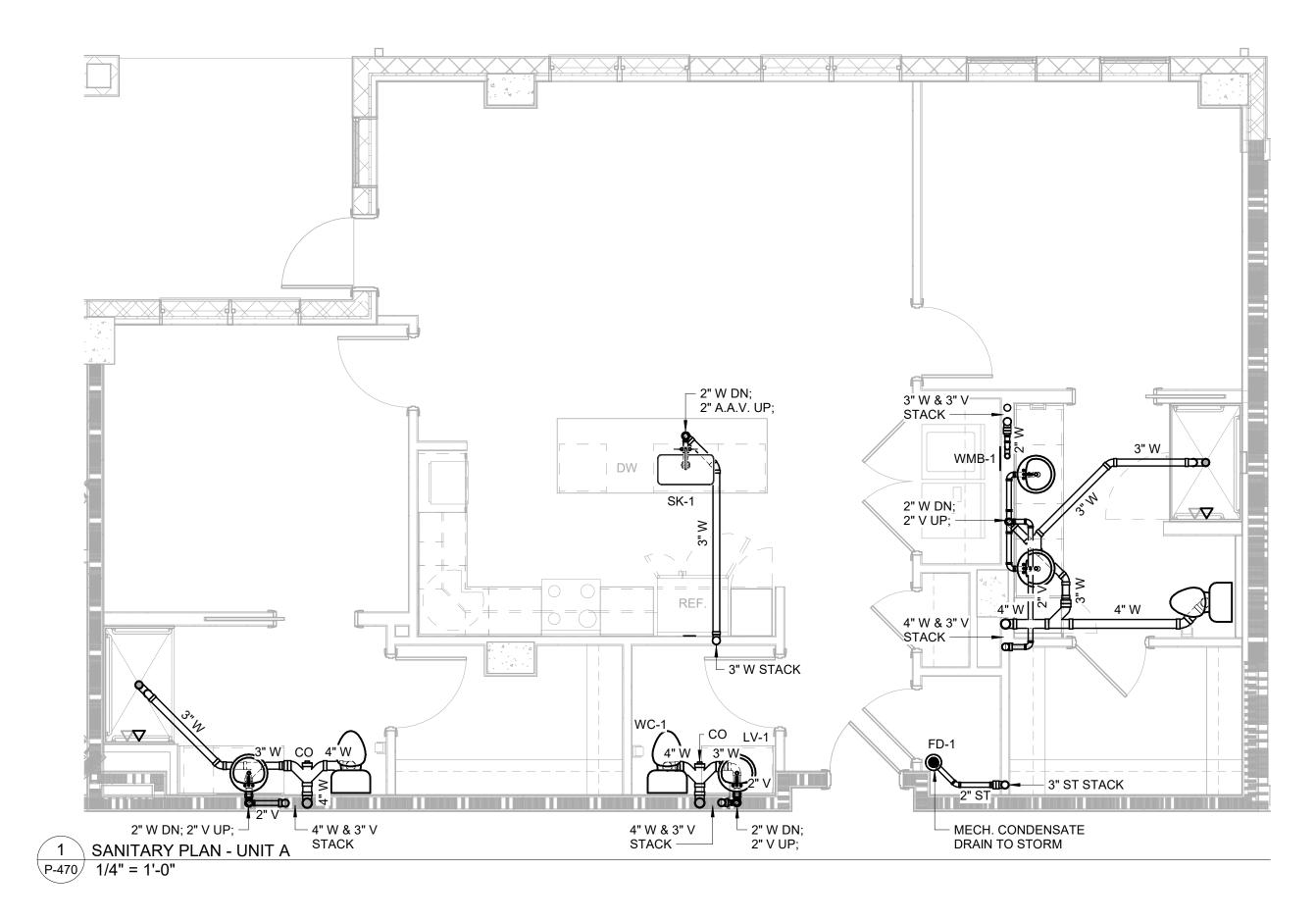
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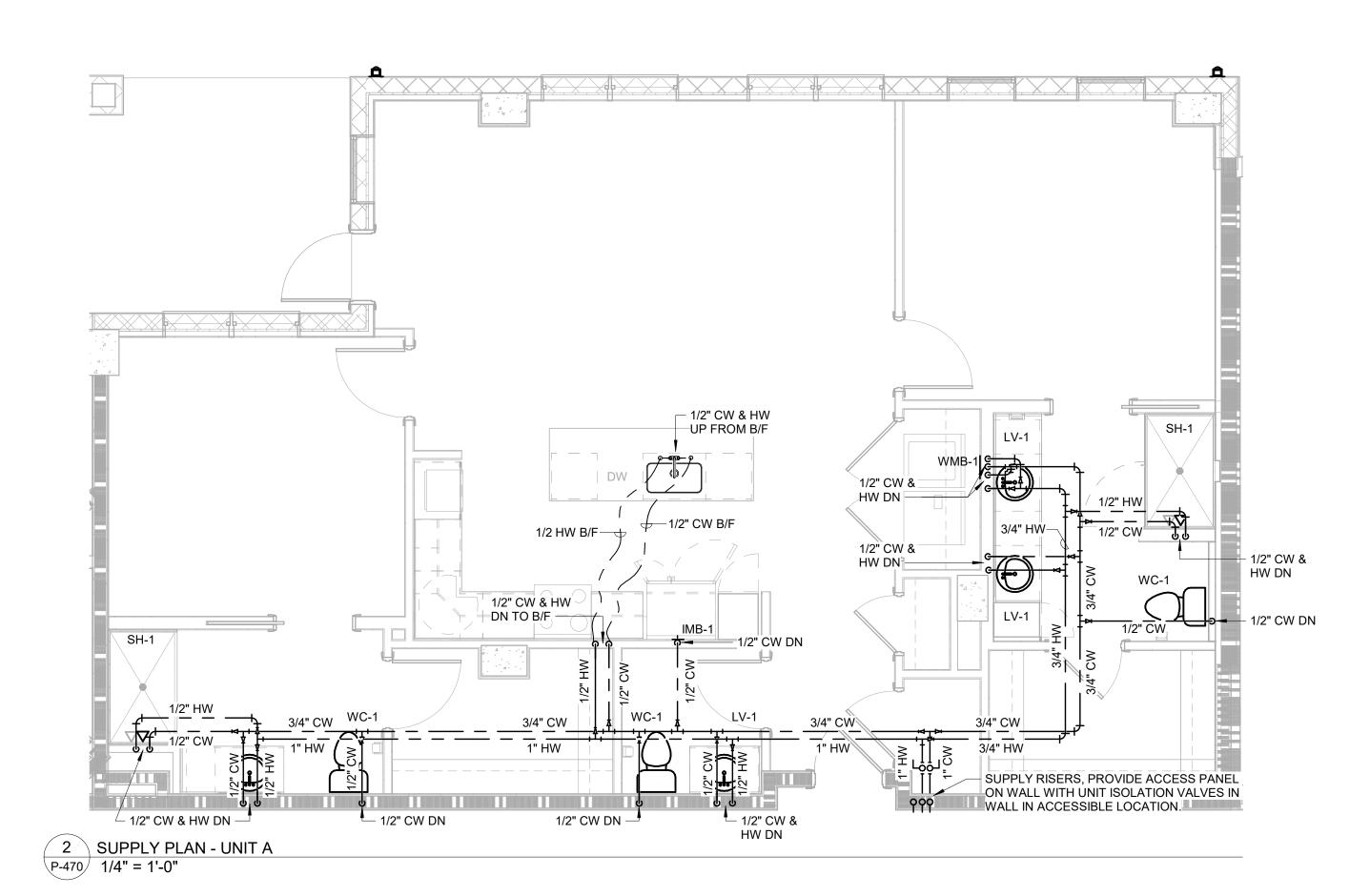
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Project Number: 2024-03276

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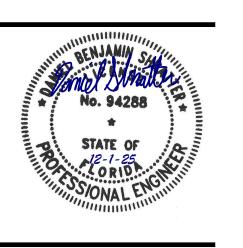
- 1. ALL WATER SUPPLY AND VENT PIPING SHALL BE ROUTED ABOVE CEILING, AND ALL WASTE PIPING SHALL BE RAN BELOW THE FLOOR, UNLESS NOTES OTHER WISE.
- CONTRACTOR SHALL FIELD VERIFY AND COORDINATE ALL ROUTING WITH ALL TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ENGINEER IN WRITING OF ANY CONFLICTS.
- EACH UNIT SHALL BE EQUIPPED WITH SHUT-OFF VALVES ON MAIN SUPPLY LINES TO UNIT. SHUT-OFF VALVES SHALL BE INSTALLED IN ACCESSIBLE LOCATION AND ACCESSED VIA ACCESS PANEL.
- 4. HOT WATER RETURN LINES (HWR) FROM UNITS SHALL BE EQUIPPED WITH SHUT-OFF VALVE, CHECK VALVE, AND CIRCUIT SETTERS (SET TO 0.5 GPM). THESE VALVES SHALL BE INSTALLED IN ACCESSIBLE LOCATION AND ACCESSED VIA ACCESS PANEL.
- COLD AND HOT WATER SHALL BE ROUTED BELOW FLOOR TO ISLAND SINK. CONTRACTOR TO ENSURE ADDITIONAL STOP VALVE IS PROVIDED FOR DISHWASHER.
- 6. CONTRACTOR TO PROVIDE STAINLESS STEEL BRAIDED LINES TO DISHWASHERS, WASHING MACHINES AND REFRIGERATORS. PROVIDE CONNECTIONS FROM AVAILABLE STOP VALVES, WASHING MACHINE BOXES AND ICE-MAKER BOXES.

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Project No.: 2021009 Date: 11/29/25

ENLARGED PLUMBING PLAN - UNIT A

P-470

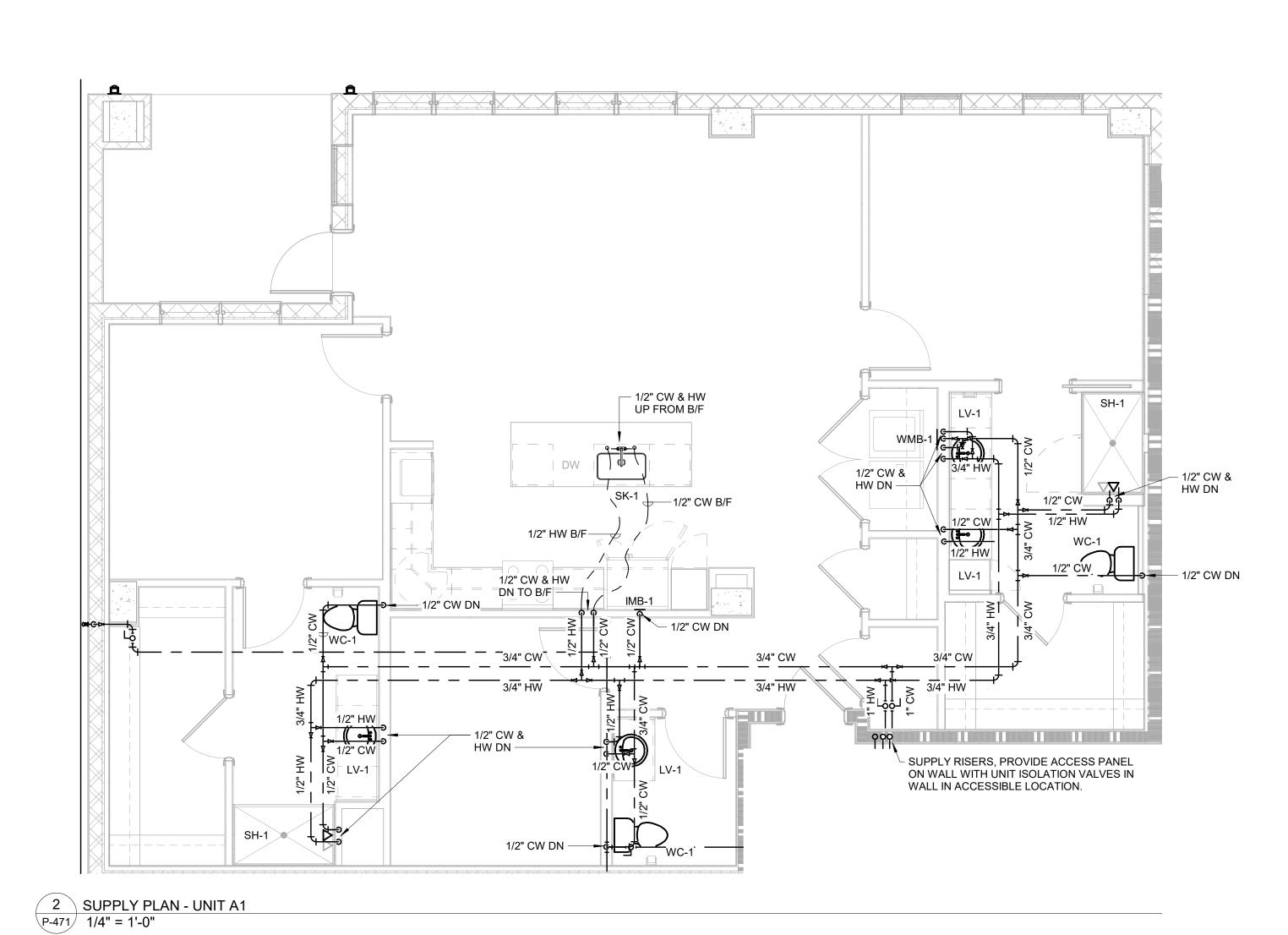
Salas O'Brien

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3200 Windy Hill Road, SE, Suite 200E
Atlanta, GA 30339

Project Number: 2024-03276

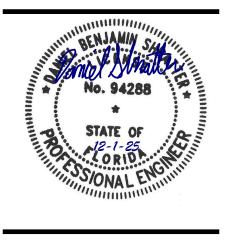
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- 1. ALL WATER SUPPLY AND VENT PIPING SHALL BE ROUTED ABOVE CEILING, AND ALL WASTE PIPING SHALL BE RAN BELOW THE FLOOR, UNLESS NOTES OTHER WISE.
- 2. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE ALL ROUTING WITH ALL TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ENGINEER IN WRITING OF ANY CONFLICTS.
- 3. EACH UNIT SHALL BE EQUIPPED WITH SHUT-OFF VALVES ON MAIN SUPPLY LINES TO UNIT. SHUT-OFF VALVES SHALL BE INSTALLED IN ACCESSIBLE LOCATION AND ACCESSED VIA ACCESS PANEL.
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- 6. CONTRACTOR TO PROVIDE STAINLESS STEEL BRAIDED LINES TO DISHWASHERS, WASHING MACHINES AND REFRIGERATORS. PROVIDE CONNECTIONS FROM AVAILABLE STOP VALVES, WASHING MACHINE BOXES AND ICE-MAKER

NO. DATE DESCRIPTION





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Project No.: 2021009

ENLARGED PLUMBING PLAN - UNIT A1

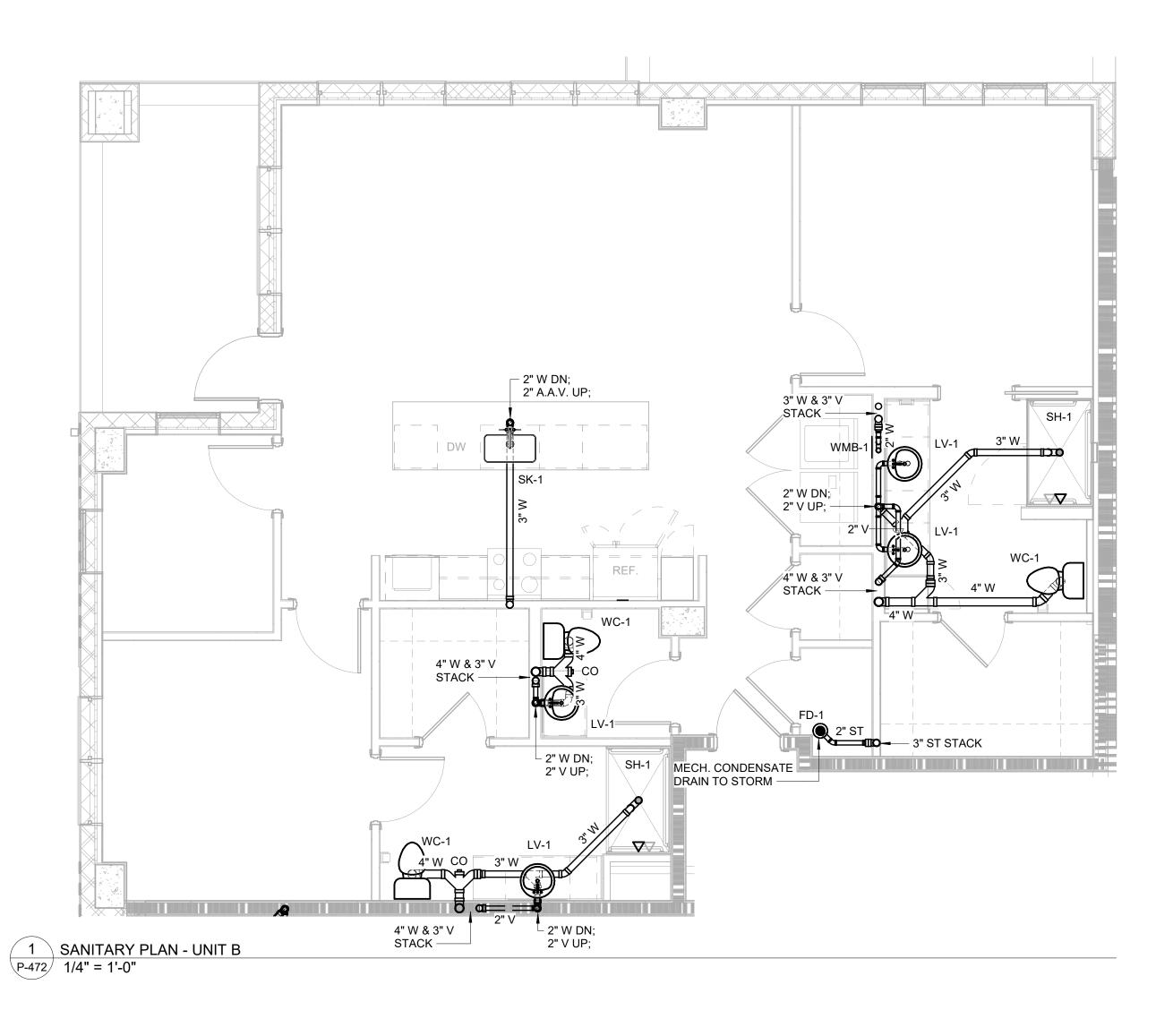
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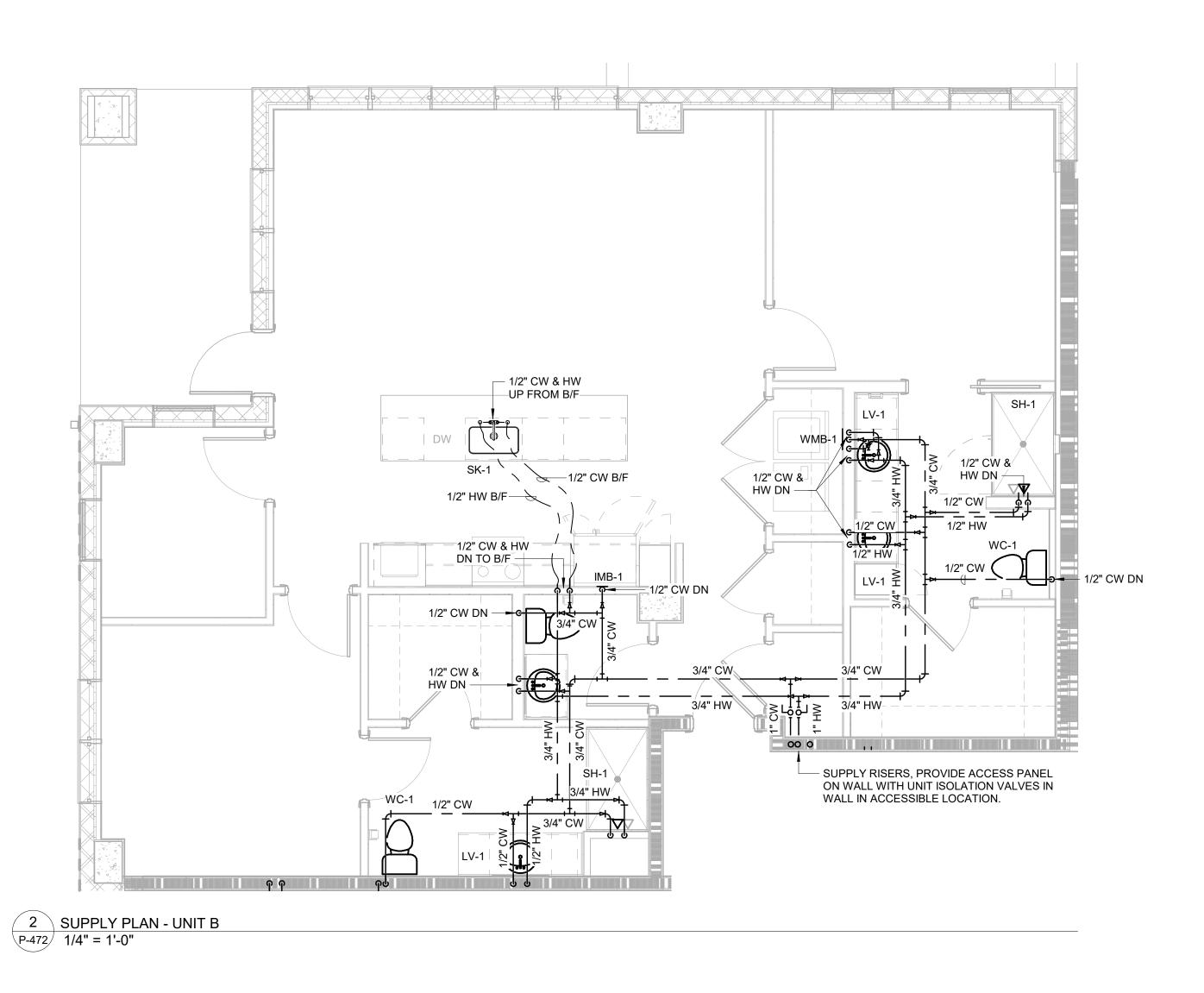
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salasobrien.com Atlanta 3200 Windy Hill Road, SE, Suite 200E Atlanta, GA 30339

Project Number: 2024-03276

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- 1. ALL WATER SUPPLY AND VENT PIPING SHALL BE ROUTED ABOVE CEILING, AND ALL WASTE PIPING SHALL BE RAN BELOW THE FLOOR, UNLESS NOTES OTHER WISE.
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ENLARGED PLUMBING PLAN - UNIT B

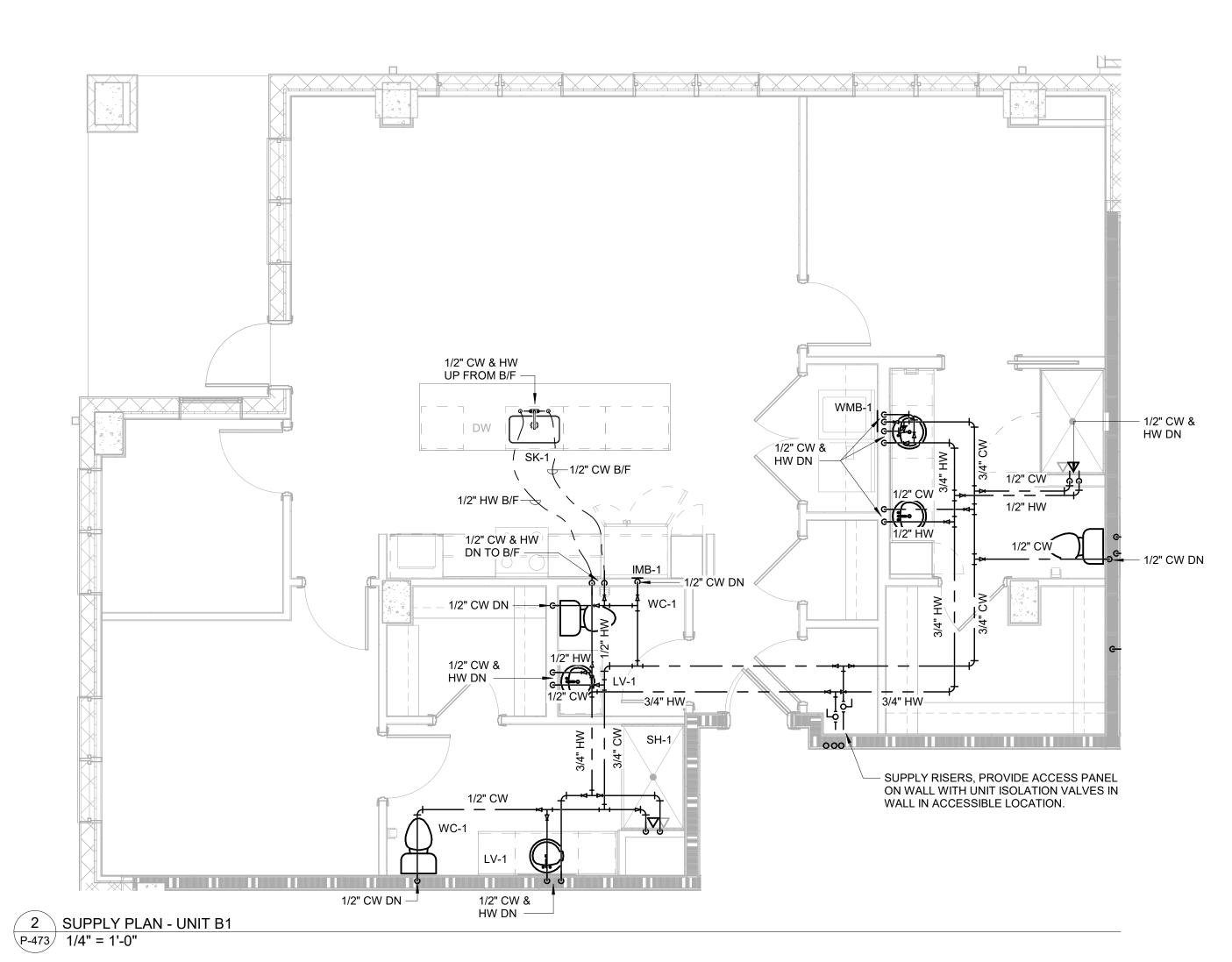
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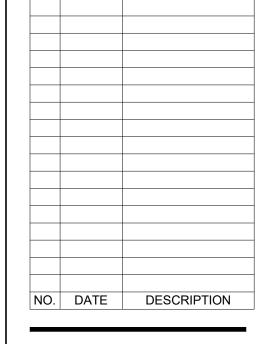
salasobrien.com Atlanta 3200 Windy Hill Road, SE, Suite 200E Atlanta, GA 30339

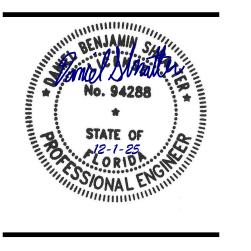
Project Number: 2024-03276

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ENLARGED PLUMBING PLAN - UNIT B1

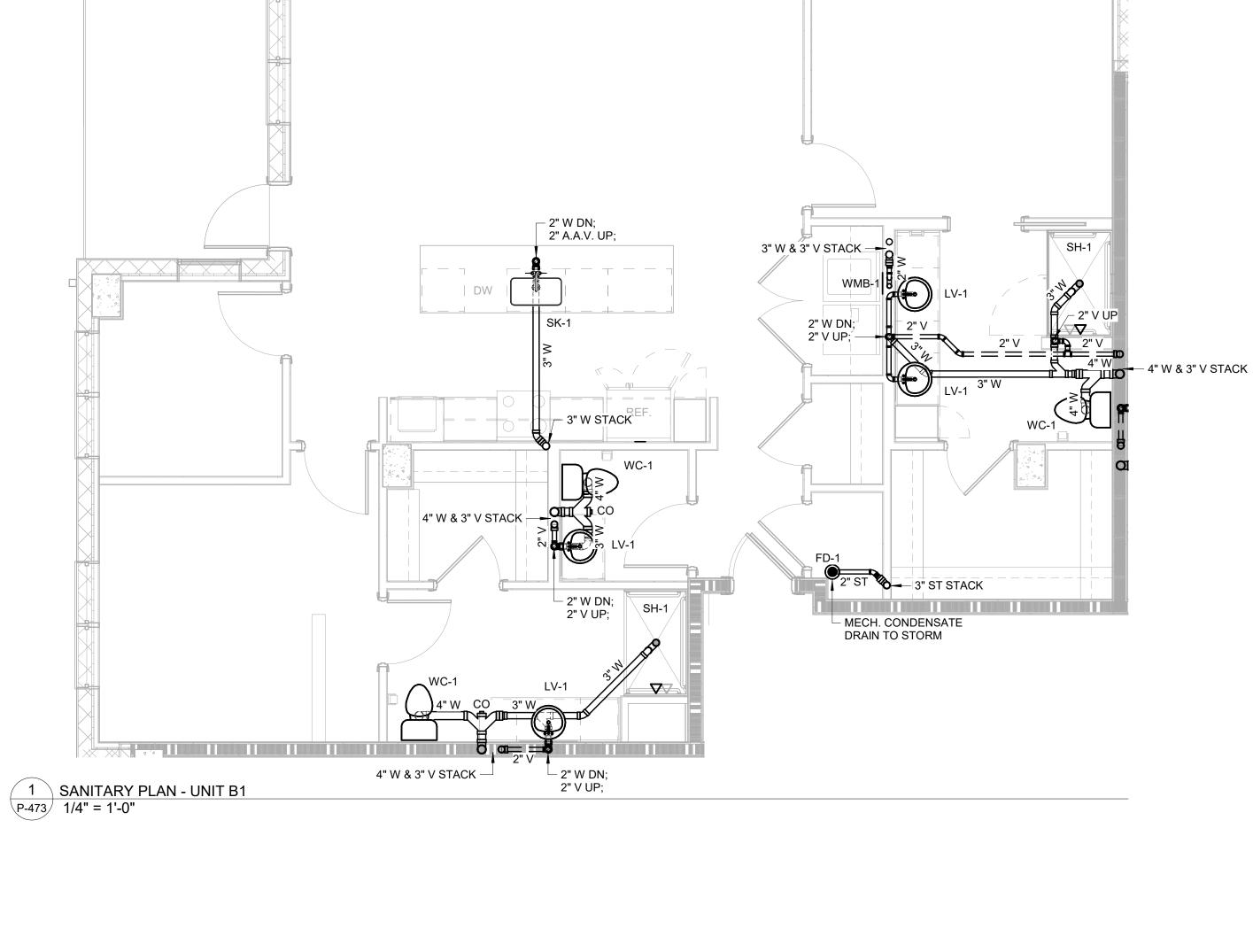
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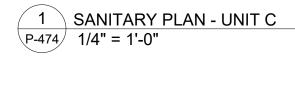
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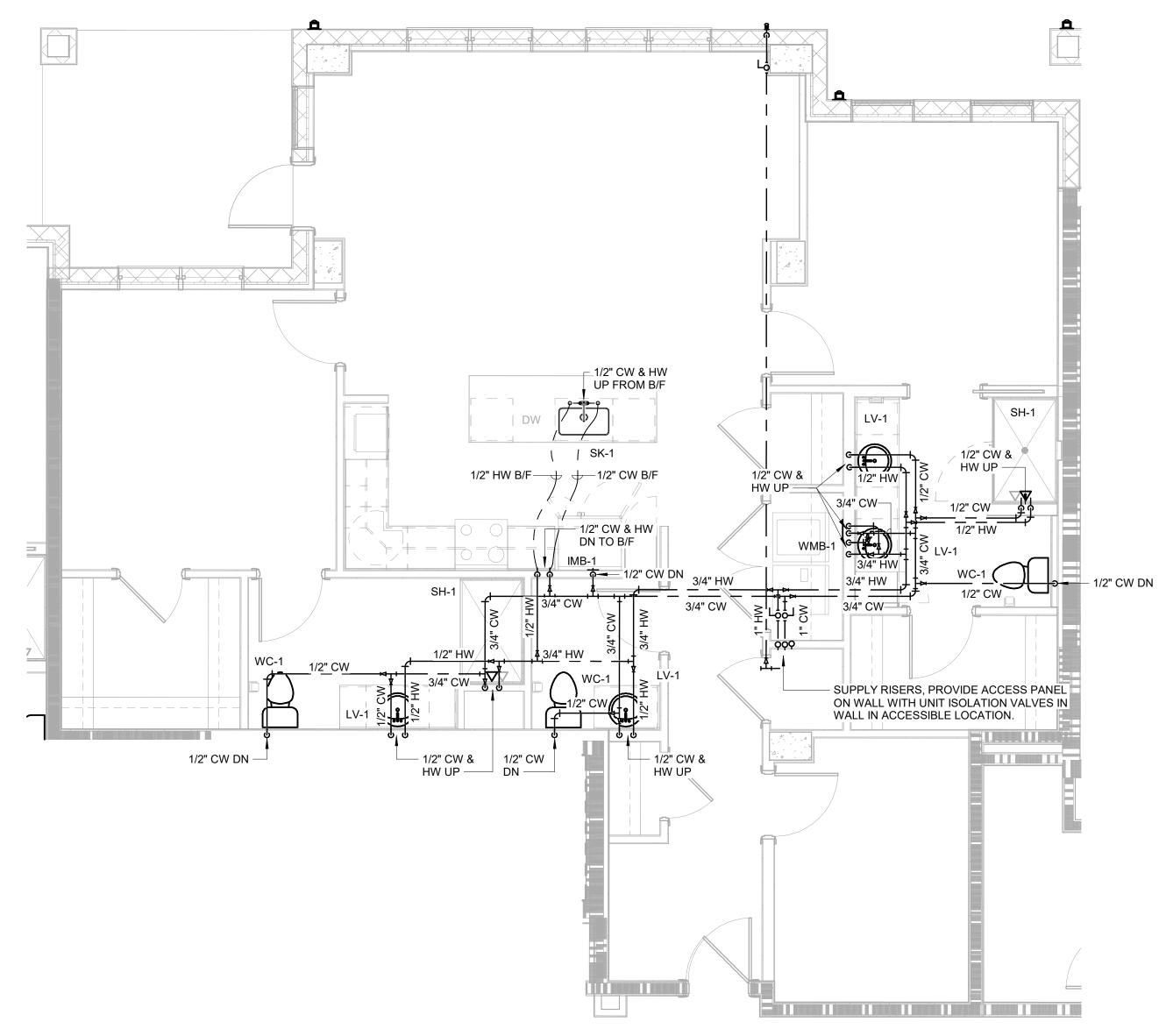
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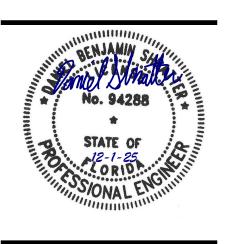
2 SUPPLY PLAN - UNIT C P-474 1/4" = 1'-0"



GENERAL NOTES:

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ENLARGED PLUMBING PLAN - UNIT C

P-474

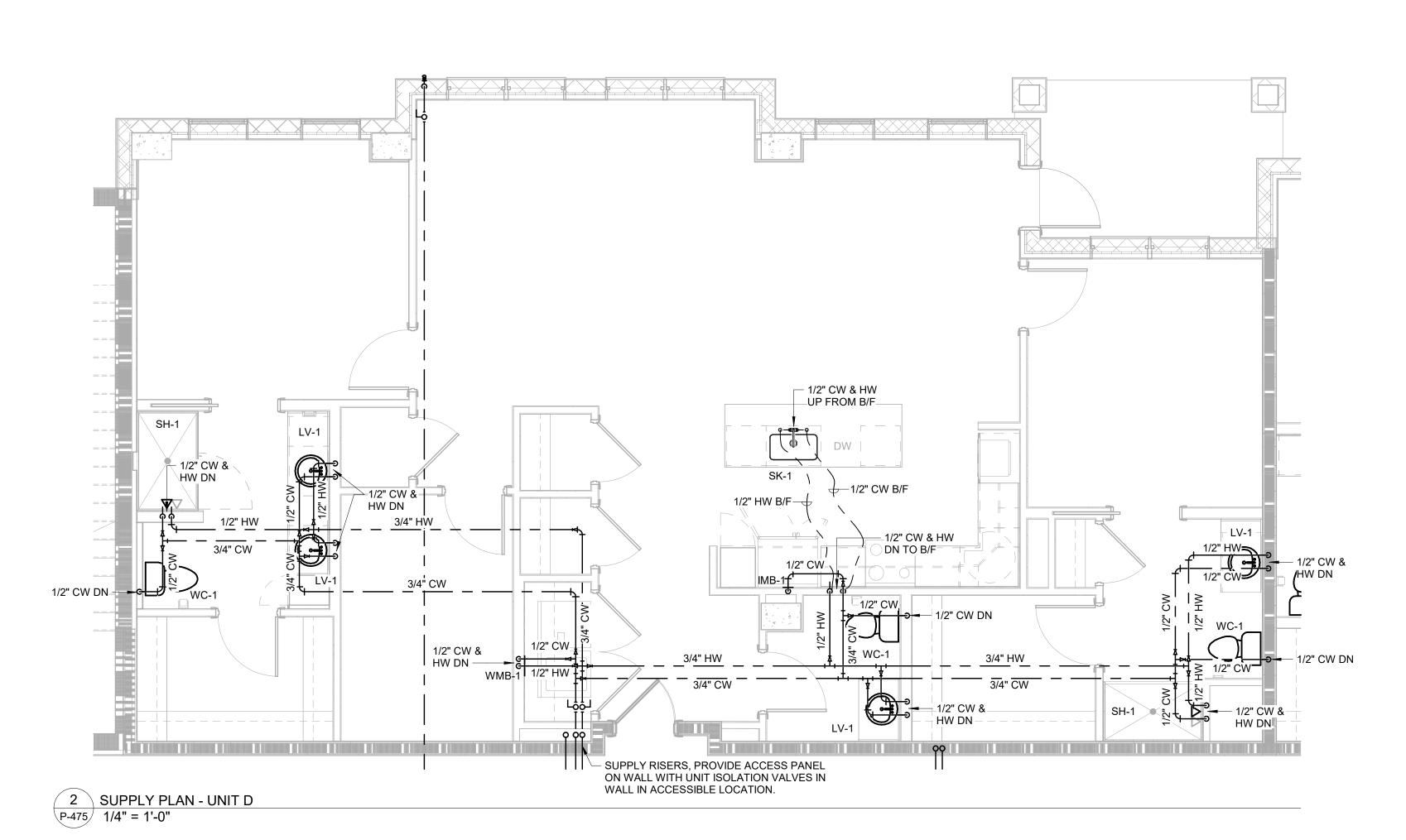
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Project Number: 2024-03276

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1 SANITARY PLAN - UNIT D 1/4" = 1'-0"



GENERAL NOTES:

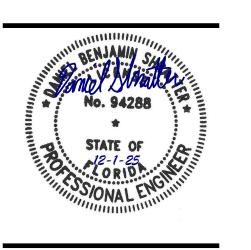
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ENLARGED PLUMBING PLAN - UNIT D

P-475

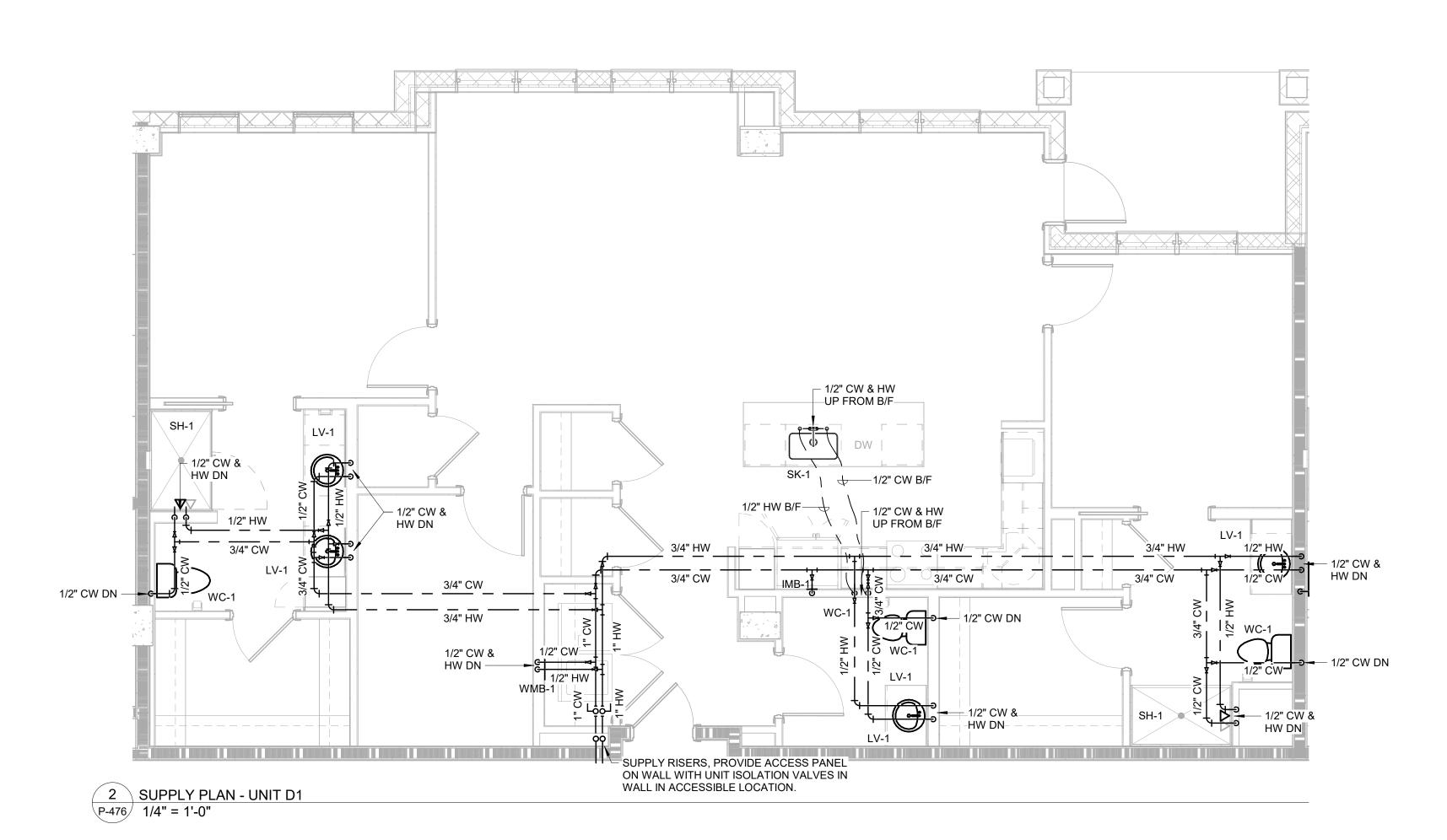
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Atlanta, GA 30339

Project Number: 2024-03276

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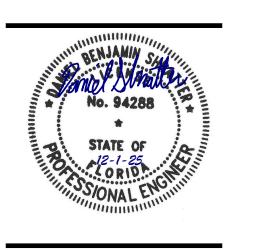
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ENLARGED PLUMBING PLAN - UNIT D1

P-476

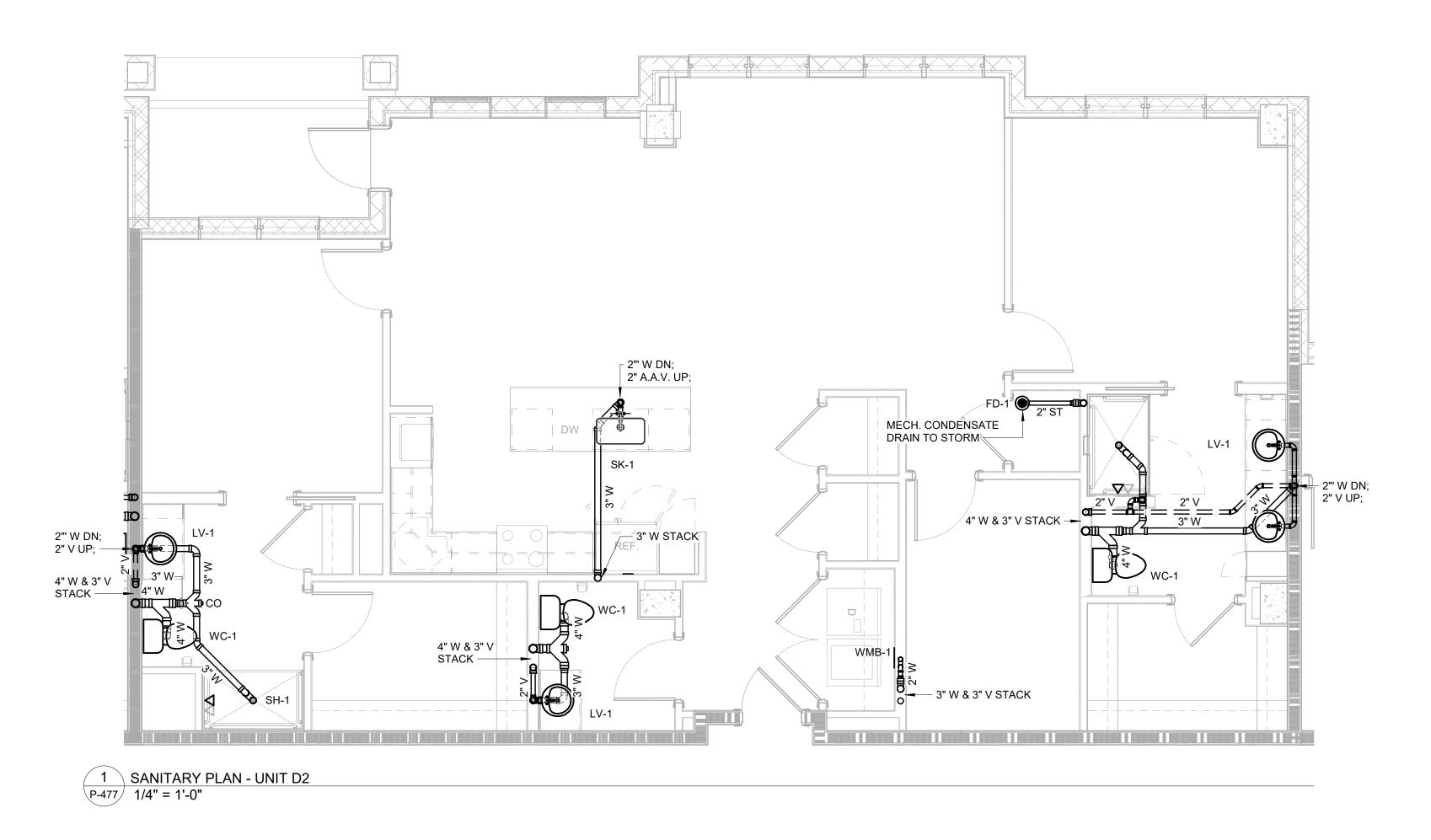
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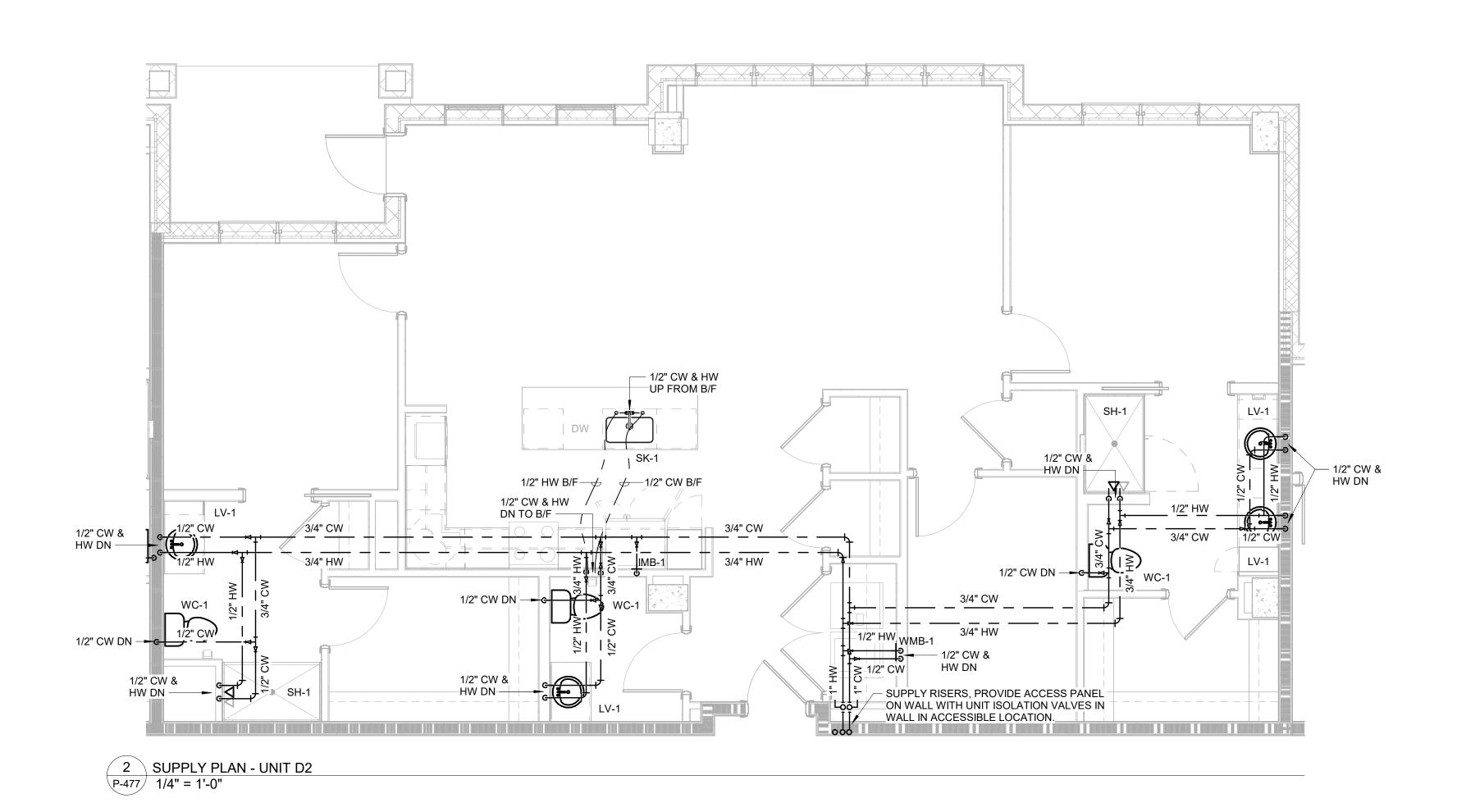
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Atlanta, GA 30339

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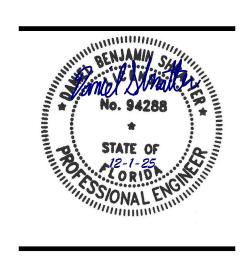
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ENLARGED PLUMBING PLAN - UNIT D2

P-477

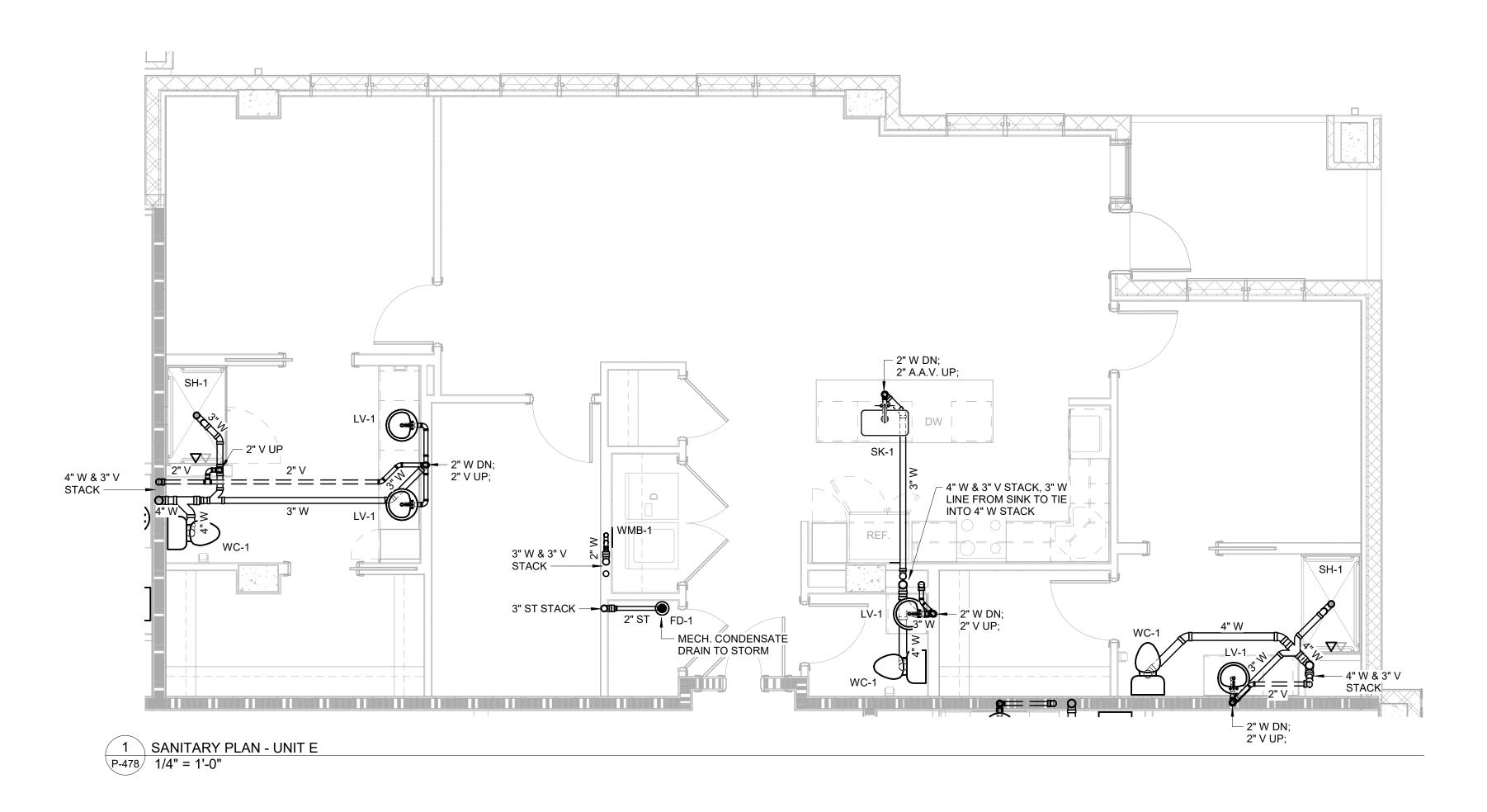
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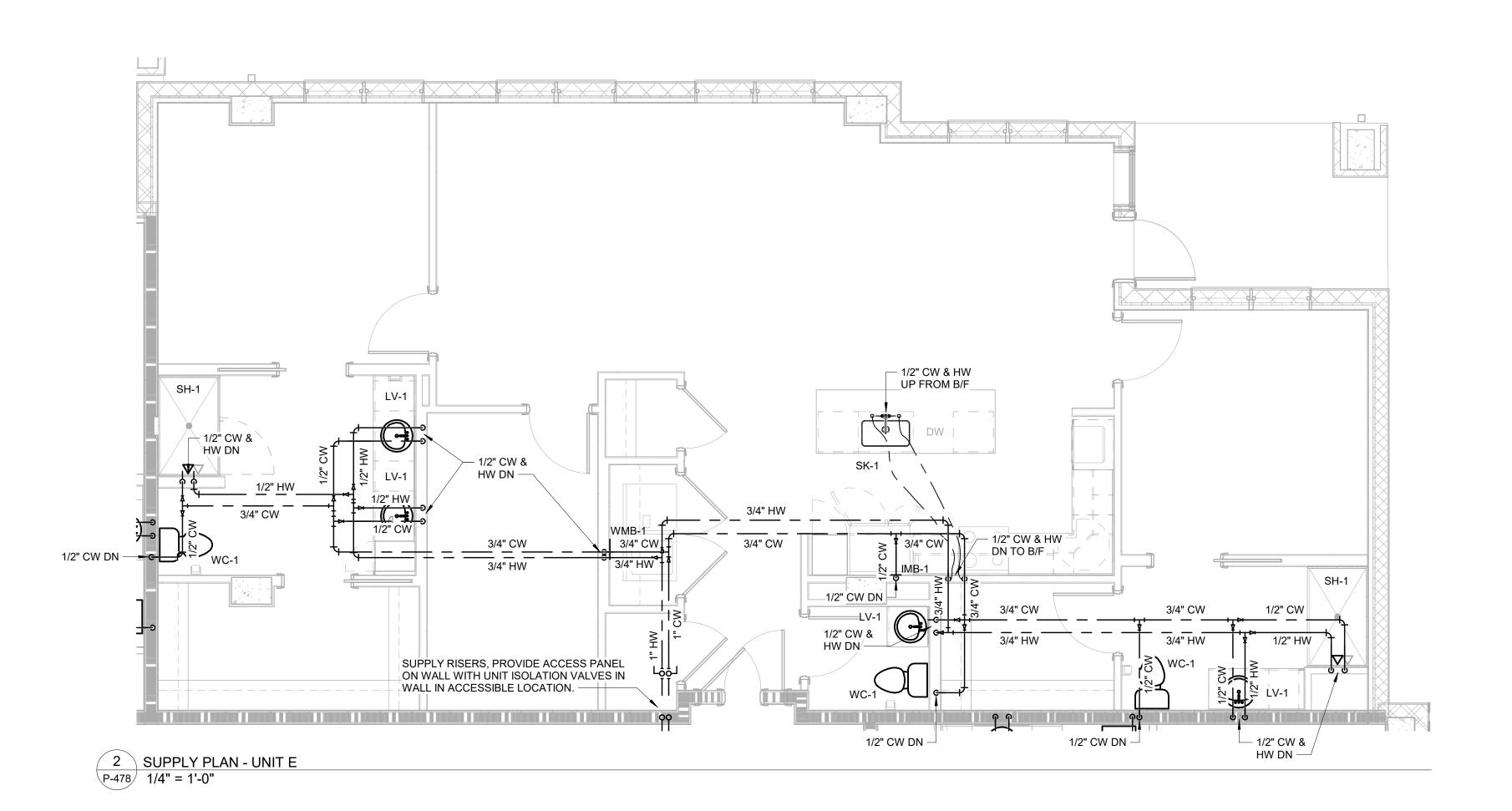
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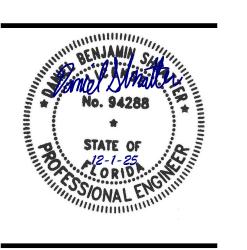
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ENLARGED PLUMBING PLAN - UNIT E

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P-478

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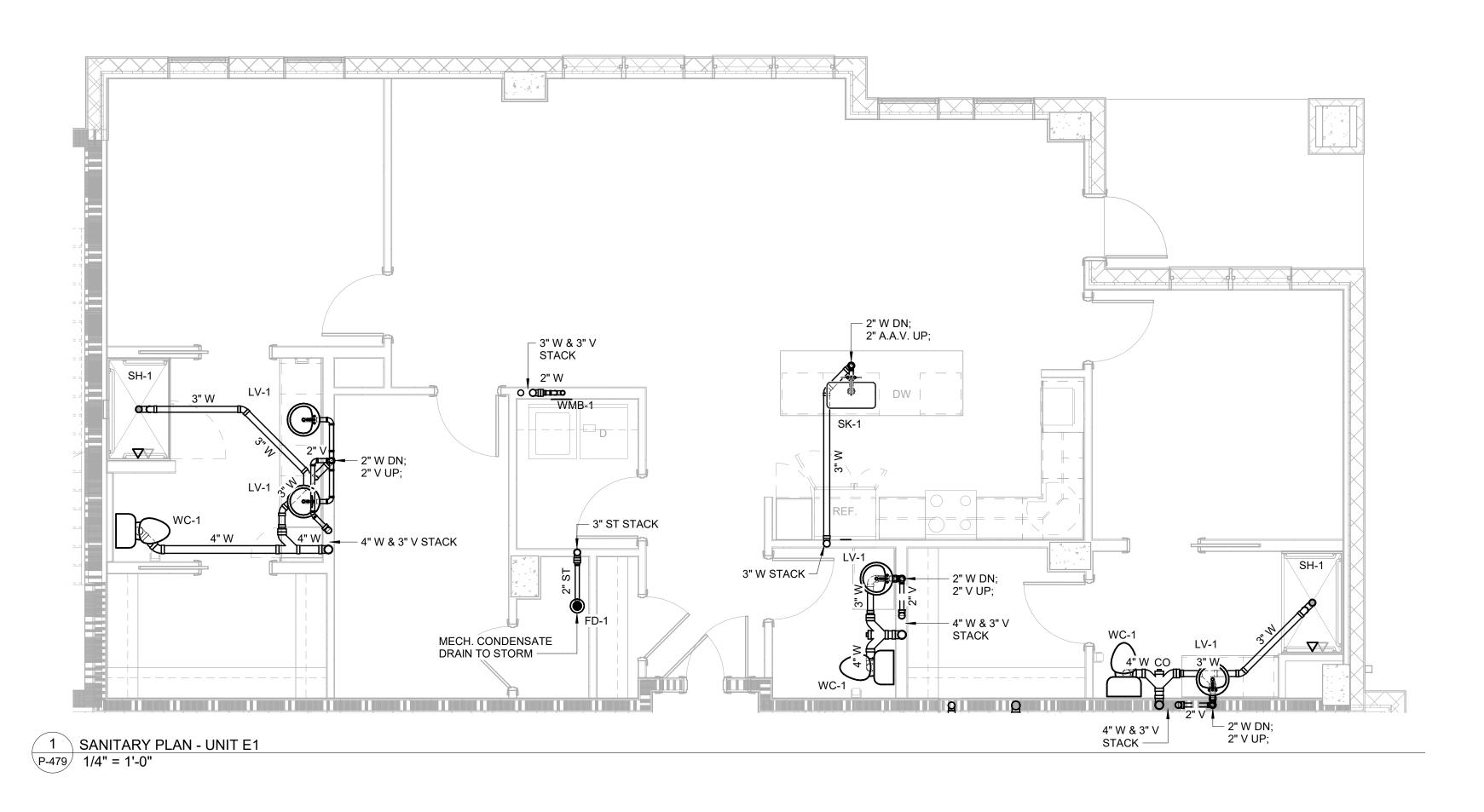
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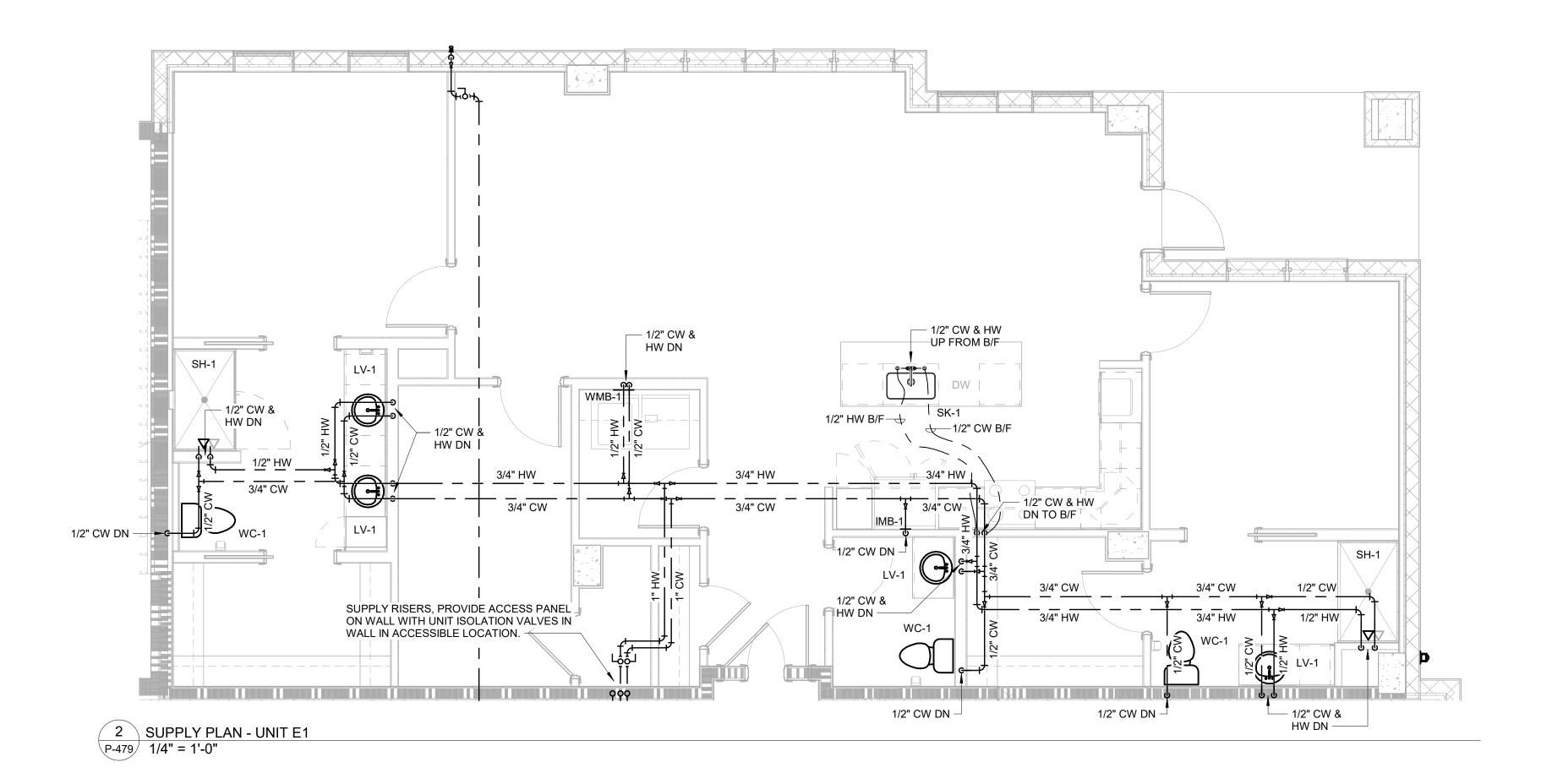
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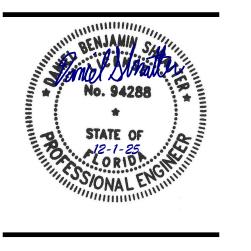
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ENLARGED PLUMBING PLAN - UNIT E1

P-479

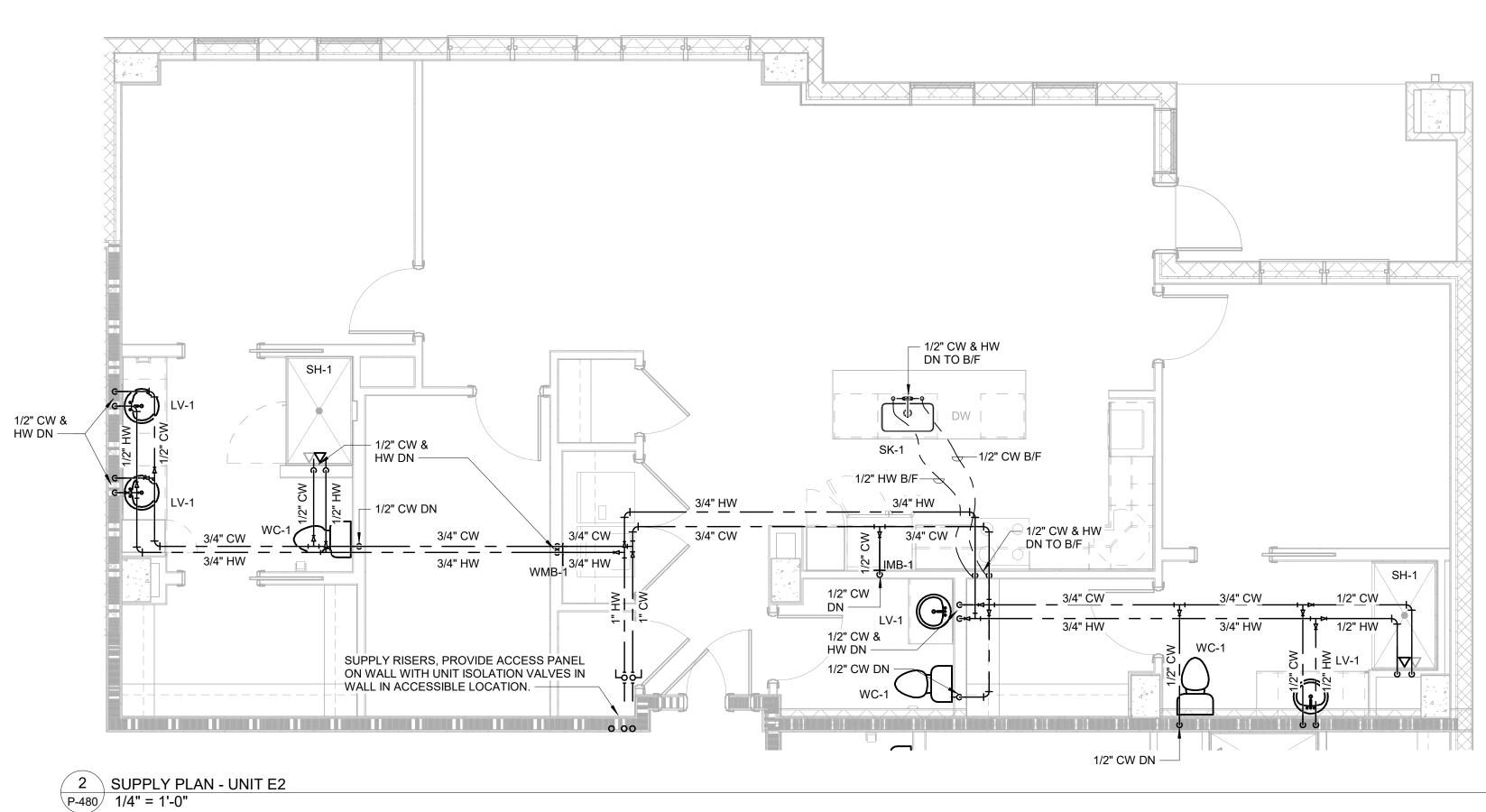
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Atlanta
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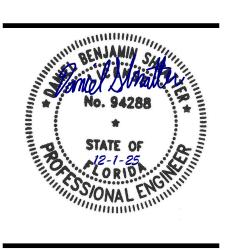
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ENLARGED PLUMBING PLAN - UNIT E2

P-480

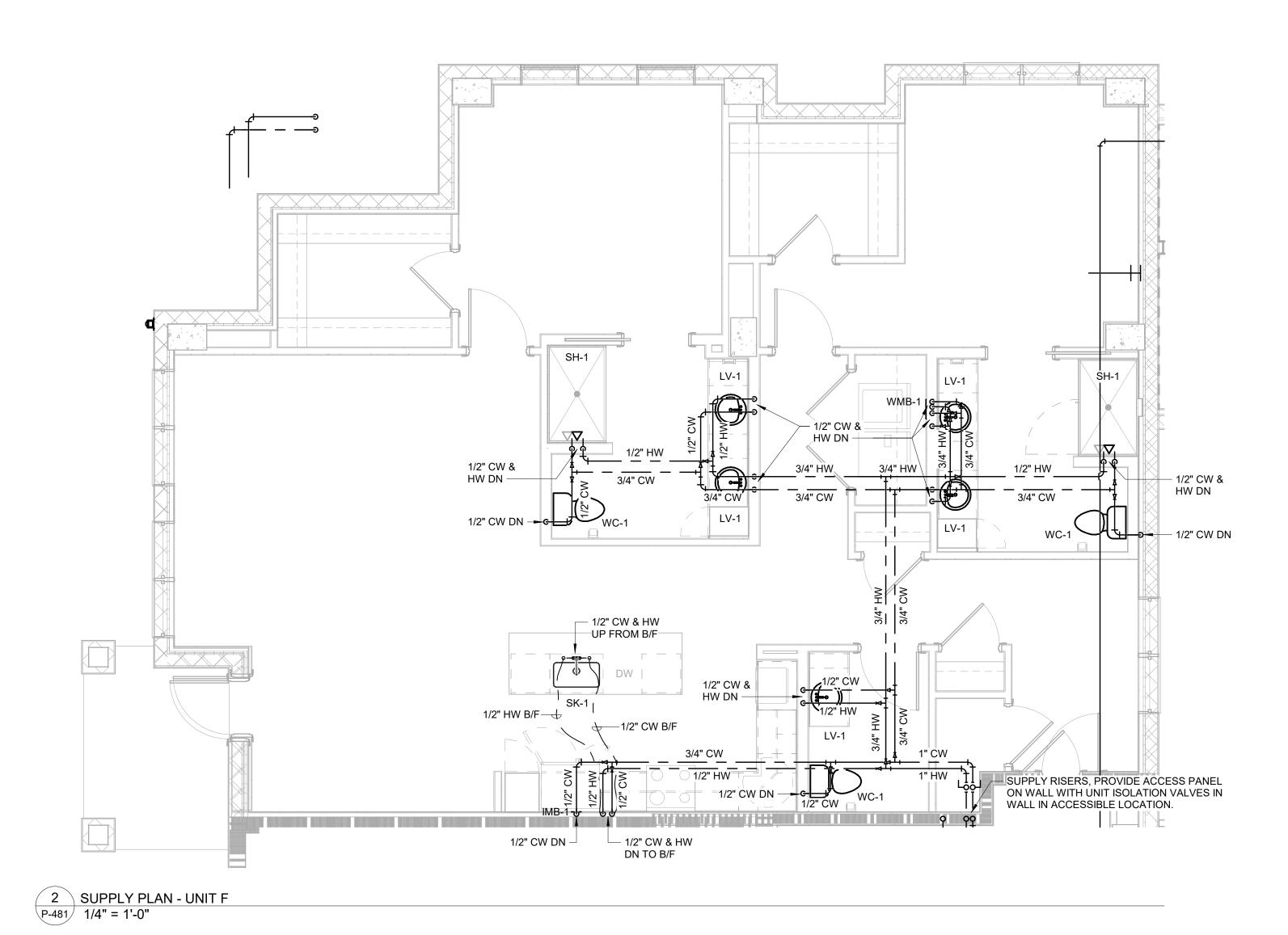
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1 SANITARY PLAN - UNIT E2 P-480 1/4" = 1'-0"



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Project No.: 2021009
Date: 11/29/25

ENLARGED PLUMBING PLAN - UNIT F

P-481

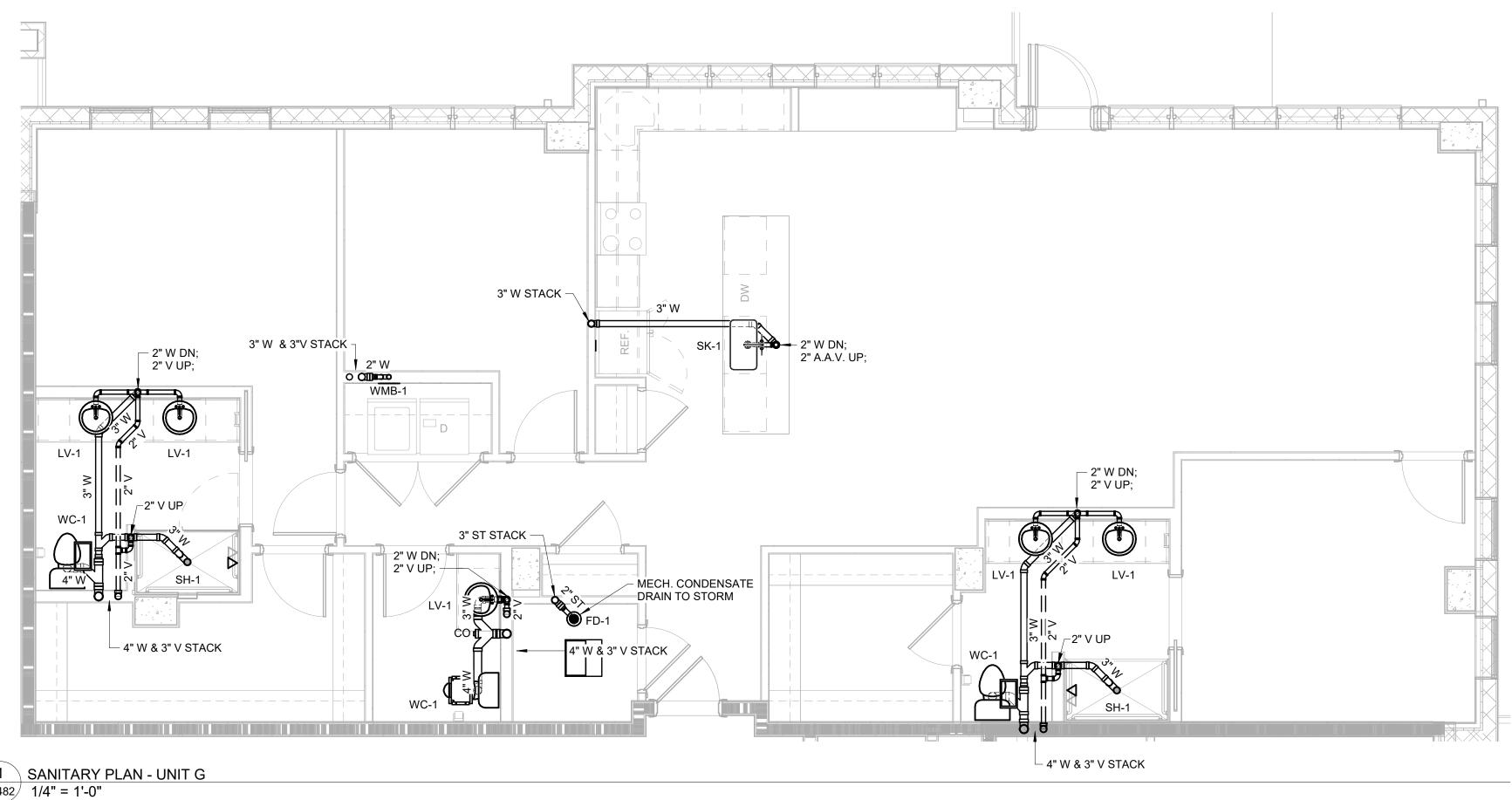
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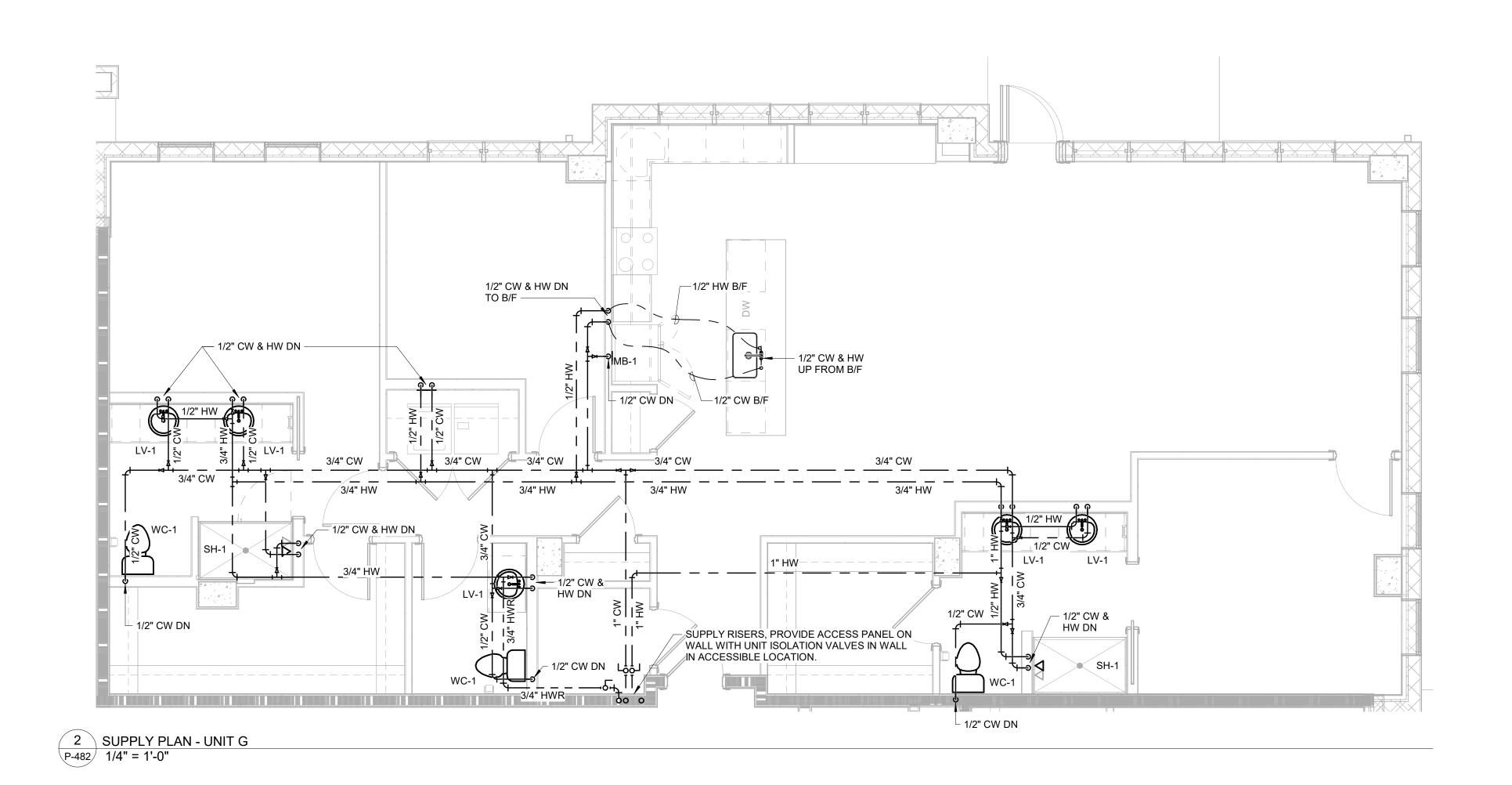
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Atlanta, GA 30339

Project Number: 2024-03276

12/2/2025 10:14:04 AM

Autodesk Docs://WCR - Stage 2 - MC_AL_IL/2024-03276 - I





- ALL WATER SUPPLY AND VENT PIPING SHALL BE ROUTED ABOVE CEILING, AND ALL WASTE PIPING SHALL BE RAN BELOW THE FLOOR, UNLESS NOTES OTHER WISE.
- CONTRACTOR SHALL FIELD VERIFY AND COORDINATE ALL ROUTING WITH ALL TRADES PRIOR TO PERFORMING ANY WORK. NOTIFY ENGINEER IN WRITING OF ANY CONFLICTS.
- 3. EACH UNIT SHALL BE EQUIPPED WITH SHUT-OFF VALVES ON MAIN SUPPLY LINES TO UNIT. SHUT-OFF VALVES SHALL BE INSTALLED IN ACCESSIBLE LOCATION AND ACCESSED VIA ACCESS PANEL.
- 4. HOT WATER RETURN LINES (HWR) FROM UNITS SHALL BE EQUIPPED WITH SHUT-OFF VALVE, CHECK VALVE, AND CIRCUIT SETTERS (SET TO 0.5 GPM). THESE VALVES SHALL BE INSTALLED IN ACCESSIBLE LOCATION AND ACCESSED VIA ACCESS PANEL.
- 5. COLD AND HOT WATER SHALL BE ROUTED BELOW FLOOR TO ISLAND SINK. CONTRACTOR TO ENSURE ADDITIONAL STOP VALVE IS PROVIDED FOR DISHWASHER.
- 6. CONTRACTOR TO PROVIDE STAINLESS STEEL BRAIDED LINES TO DISHWASHERS, WASHING MACHINES AND REFRIGERATORS. PROVIDE CONNECTIONS FROM AVAILABLE STOP VALVES, WASHING MACHINE BOXES AND ICE-MAKER

NO. DATE DESCRIPTION





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Project No.: 2021009 08/22/2025

ENLARGED PLUMBING PLAN - UNIT G

P-482

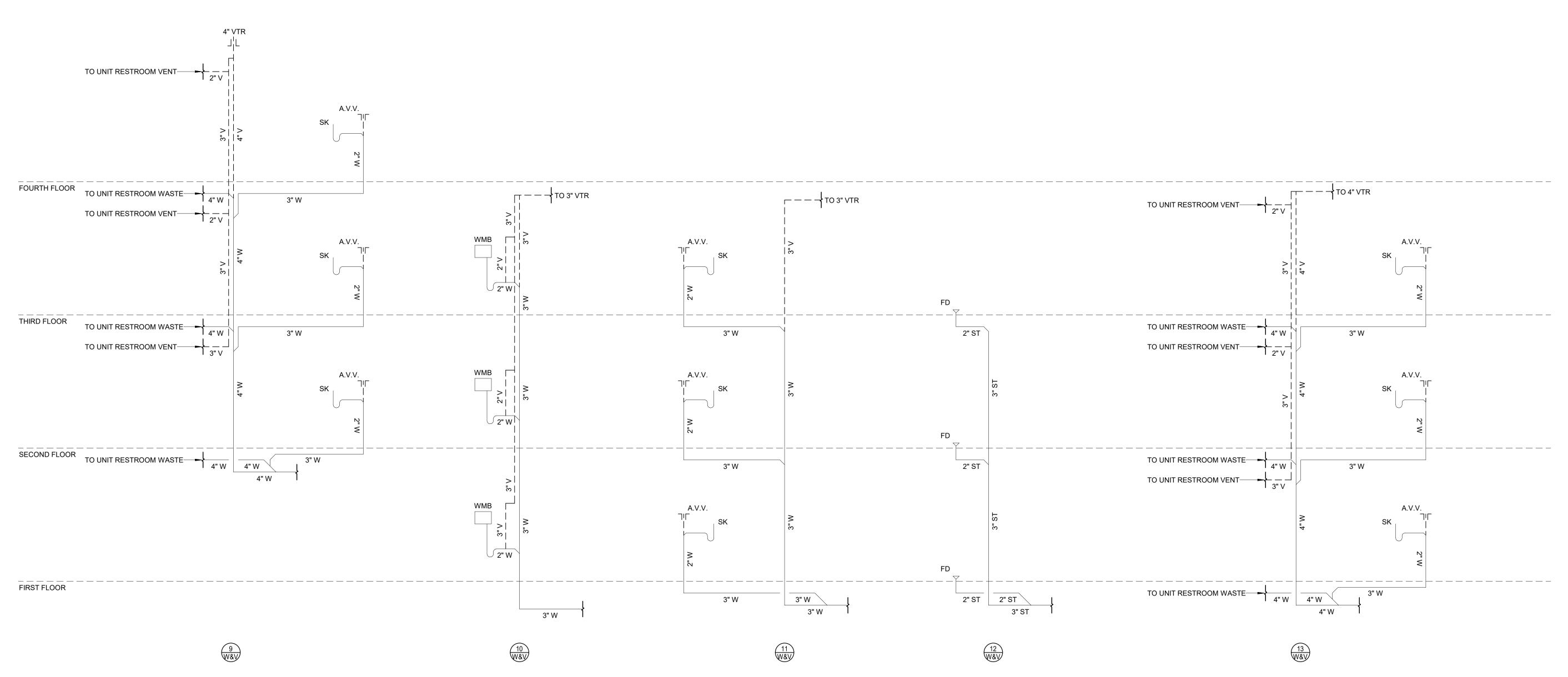
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Project Number: 2024-03276

12/2/2025 10:14:07 AM

1 SANITARY PLAN - UNIT G P-482 1/4" = 1'-0"



1 SANITARY & VENT RISERS NOT TO SCALE

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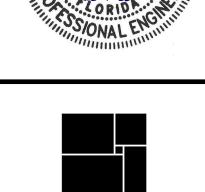
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0339

Project Number: 2024-03276

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WATERFORD CAMPUS
IL BUILDING
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Project No.: 2021009 Date: 12/01/28

PLUMBING RISERS

P-500



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Project No.: 2021009
Date: 12/01/25

PLUMBING RISERS

P-501

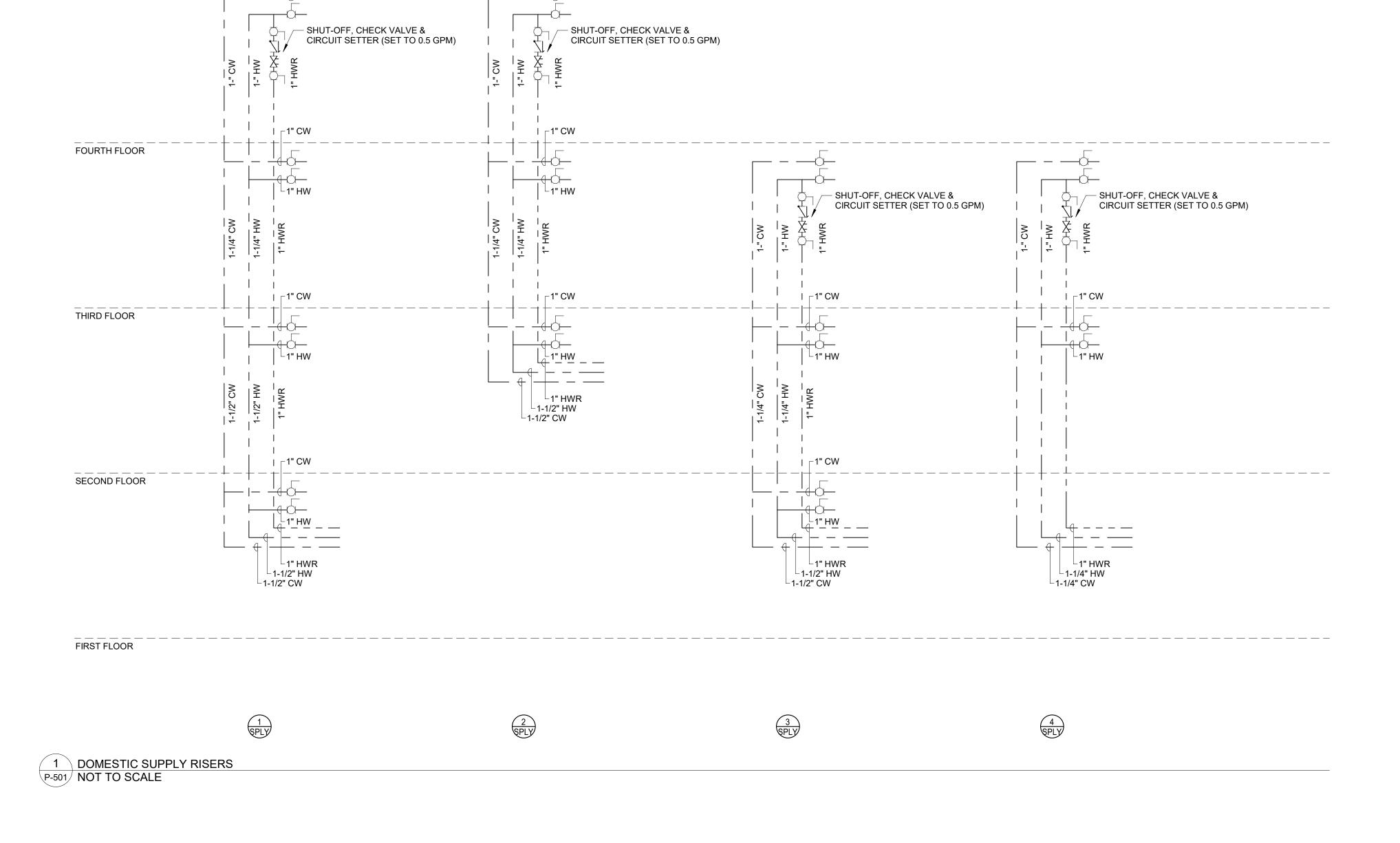
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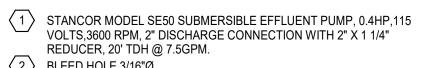
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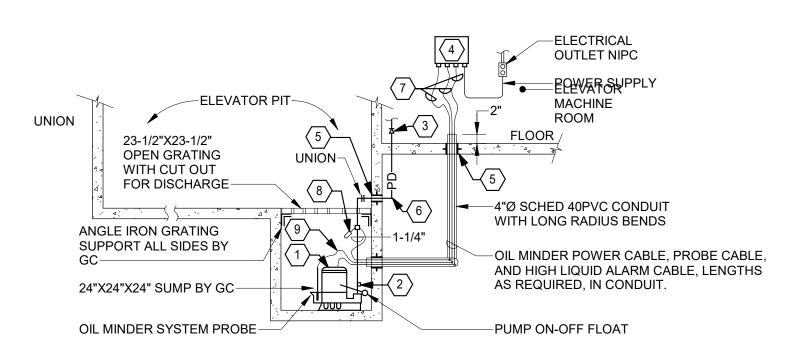
Project No.: Date:

> PLUMBING **DETAILS**

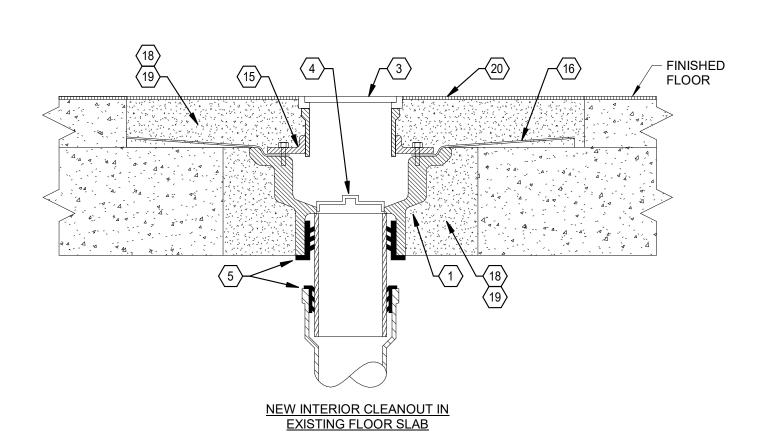
P-600

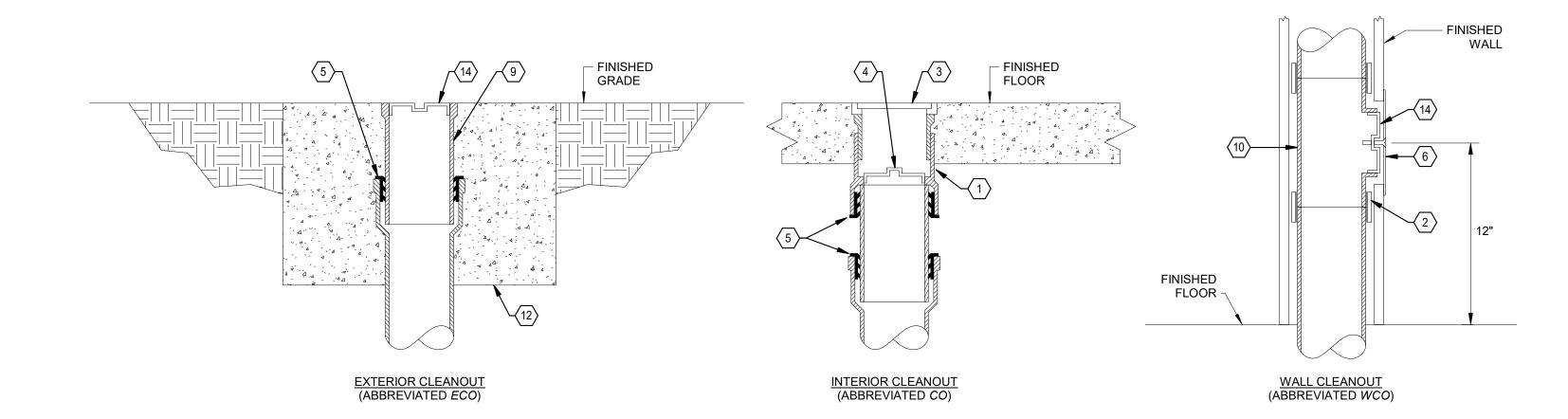


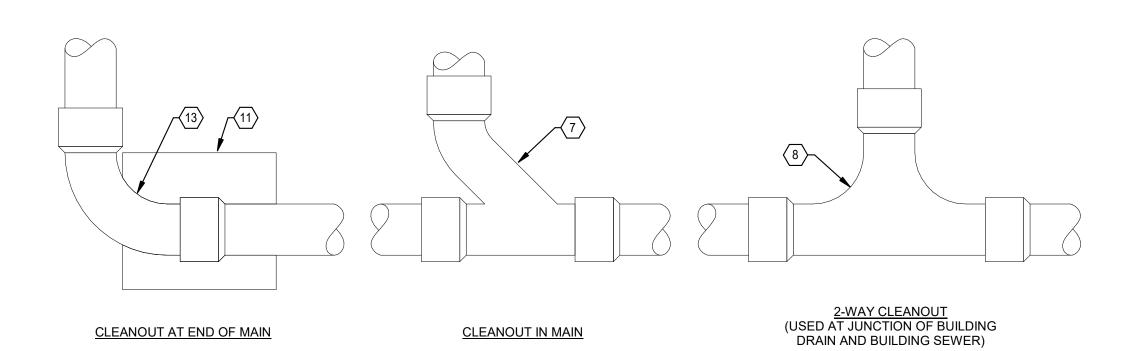
- 2 BLEED HOLE 3/16"Ø. 3 STANCOR REFLUX CHECK VALVE. STANCOR OIL MINDER 115V/1PH CONTROL SYSTEM WITH OPTIONAL BUILT IN AUDIBLE AND VISUAL ALARM WHEN PUMP DOES NOT RUN DUE TO OIL IN PIT OR HIGH LIQUID ALARM. PROVIDE SILENCING BUTTON FOR AUDIBLE ALARM BUILT INTO PANEL. PANEL SHALL HAVE ADDITIONAL CONTACT FOR A REMOTE ALARM LOCATION.
- 5 WATER-TIGHT SLEEVE. 6 ALL BURIED PUMP PRESSURE DISCHARGE PIPING SHALL BE PROTECTED WITH TAPECOAT CT CORROSION PROTECTION TAPE. 7 OIL MINDER POWER CABLE, PROBE CABLE AND HIGH LIQUID ALARM
- (8) HIGH LIQUID ALARM FLOAT WITH CLAMP DEVICE TO MOUNT TO PUMP DISCHARGE PIPING. PROVIDE A MINIMUM OF 5 FEET EXTRA OF EACH CABLE (SLACK)
 ROLLED AND CLAMPED TO THE DISCHARGE PIPE TO ALLOW FOR THE REMOVAL OF THE PUMP FROM THE PIT.



1 ELEVATOR SUMP PUMP DETAIL P-600 NOT TO SCALE





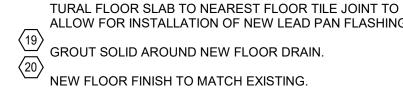


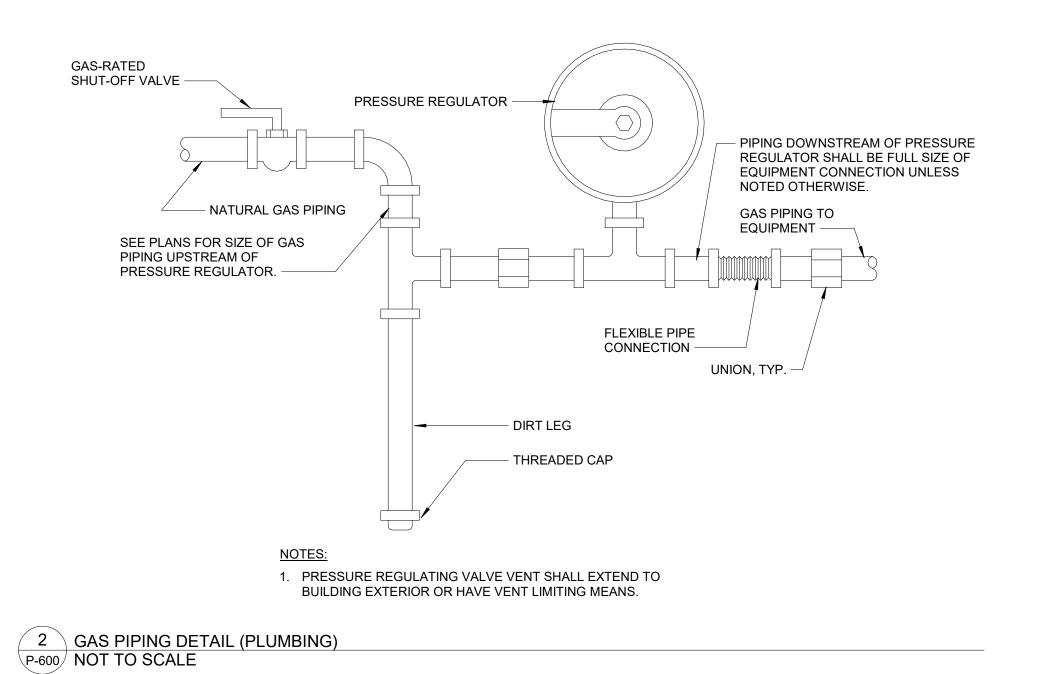
CLEANOUT IN MAIN

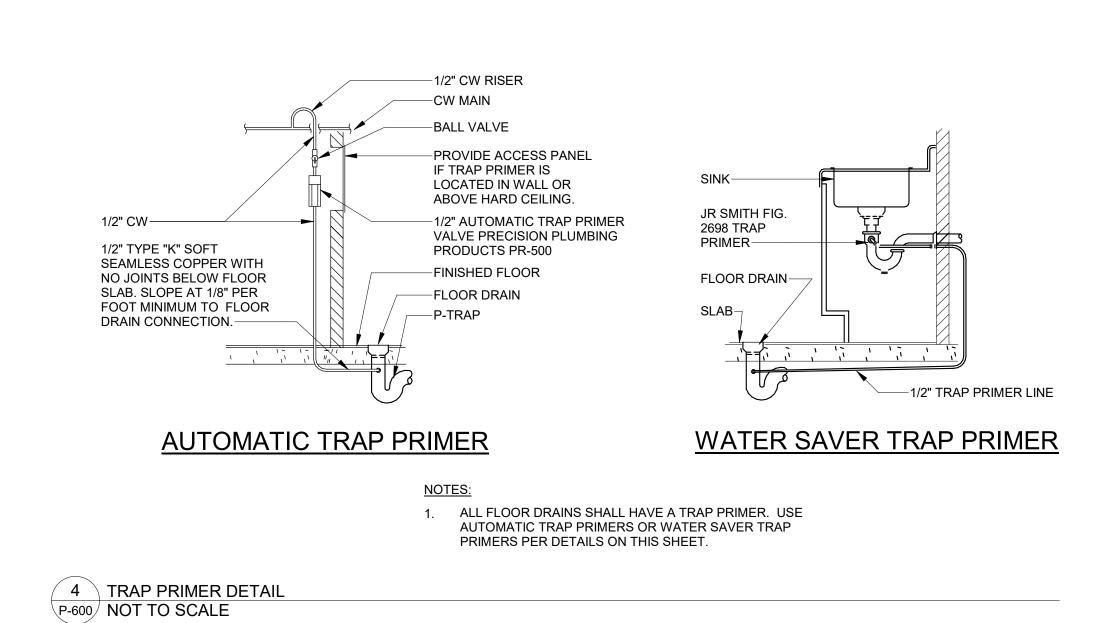
KEY NOTES: (THIS DETAIL ONLY)

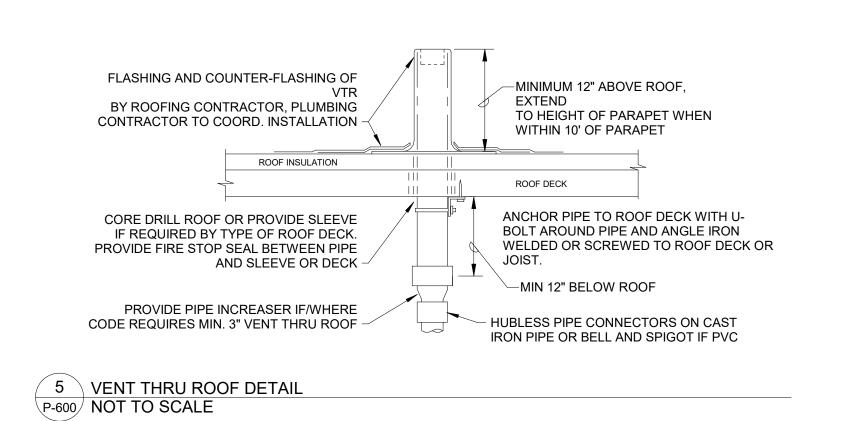
CLEANOUT AT END OF MAIN

- 1 CAST IRON 2-PIECE CLEANOUT BODY WITH ADJUSTABLE HEAD. 2 NO-HUB COUPLING (FOR ABOVE GROUND APPLICATION ONLY). POLISHED NICKEL BRONZE SCORIATED TOP (PROVIDE CARPET MARKER FOR CARPETED FLOORS).
- 4 BRONZE TAPERED THREAD, RAISED HEAD CLEANOUT PLUG. 5 PUSH-ON NEOPRENE RUBBER COMPRESSION GASKET. 6 STAINLESS STEEL ROUND WALL ACCESS COVER.
- $\stackrel{7}{\bigcirc}$ COMBINATION WYE AND EIGHTH BEND FITTING. TWO-WAY CLEANOUT FITTING.
- (9) CAST IRON CLEANOUT FERRULE. CAST IRON CLEANOUT TEE. 12" x 12" x 12" CONCRETE THRUST BLOCK.
- $\langle 12 \rangle$ 24" x 24" x 12" CONCRETE PAD FLUSH WITH GRADE. $\langle ^{13} \rangle$ LONG SWEEP ELBOW.
- (14) BRONZE TAPERED THREAD, RECESSED HEAD CLEANOUT PLUG. $\langle 15 \rangle$ CAST IRON INVERTIBLE CLAMPING COLLAR.
- NEW LEAD PAN FLASHING CLAMPED TIGHTLY TO DRAIN BODY. SEE ARCHITECTURAL PLANS.
- $\stackrel{17}{\longrightarrow}$ BREAK OUT EXISTING STRUCTURAL CONCRETE FLOOR SLAB. CUT TOPPING MINIMUM 12" BEYOND BROKEN-OUT STRUCTURAL FLOOR SLAB TO NEAREST FLOOR TILE JOINT TO ALLOW FOR INSTALLATION OF NEW LEAD PAN FLASHING.









3 MULTIPLE CLEANOUT DETAIL NOT TO SCALE

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