NOTE: THESE A	RE STANDARD ABBREVIATIONS. ALL ITEMS MAY	/ NO
APPEAR ON DR	AWINGS.	

<u>APPLICABLE CODES:</u> 2023 FLORIDA BUILDING CODE, 8<sup>th</sup> 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) XXX FEET INLET PRESSURE 2 PSIG PRESSURE DROP SPECIFIC GRAVITY - 0.60 MAX CAPACITY @ size" PER TDL XXXX CFH PIPE MATERIAL SCHD. 40 STEEL

# FIRE PROTECTION NOTE

GENERAL PROJECT INFORMATION

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

DRAWING REVISION TAG

**KEYED NOTE** 

1-—PLAN OR DETAIL NUMBER

> \ S-1<del>-√</del> -SHEET NUMBER

## ADA COMPLIANCE

VERIFY FIXTURES THAT ARE INTENDED FOR HANDICAP USE WITH CURRENT ARCHITECTURAL DRAWINGS.

PLUMBING FIXTURE INSTALLATION FOR USE BY THE HANDICAPPED.

- 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

W.	ATER	HAMME	ER AF	RRES	TER	SCHE	EDUL	Ε				
CHART A - FOR CHART B - FOR LONG PIPE RUNS GROUPED FIXTURES												
P.D.I SIZE	FIXTURE UNITS		P.D.I WATER HAMMER ARRESTERS									
SIZE	UNITS			NO	NAINIAI DIE	SE DIAMET						
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				
	33-00	50'	Α	В	С	D	Е	F				
D	61-113	75'	В	C	D	AE	F	EF				
F	114-154	100'	С	D	Е	F	CF	FF				
_	L 114-104	125'	С	D	F	AF	EF	EFF				
F	155-310	150'	D	Е	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								

# 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
- SAME APPURTENANCES AS WELL. SEE DETAILS FOR ADDITIONAL INFORMATION/REQUIREMENTS.

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

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

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

- 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 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. 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 P-TRAPS IN EXPOSED AREAS.
- -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.
- 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-FIRED WATER HEATER SCHEDULE											
	OAO BRODERTIEO BEOOVERV											
			G/	AS PROPERTIE	S	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			
							MXI BTH-199		HEATER 110.1			
GWH-2	TANK	100	199	97	NATURAL	294	AO SMITH /	120V/1Φ	WATER			
							MXI BTH-199		HEATER 110.1			
GWH-3	TANK	100	199	97	NATURAL	294	AO SMITH /	120V/1Φ	WATER			
							MXI BTH-199		HEATER 120.1			
GWH-4	TANK	100	199	97	NATURAL	294	AO SMITH /	120V/1Φ	WATER			
							MXI BTH-199		HEATER 120 1			

	PUMP SCHEDULE								
MARK	SERVICE	MAKE/MODEL	CAPACITY (GPM)	DISCHARGE HEAD (FT)	HP	ELECTRICAL	REMARKS		
CP-1	RECIRC. PUMP	BELL & GOSSETT / XL N				115V/1Ф			
CP-2	RECIRC. PUMP	BELL & GOSSETT / XL N				115V/1Φ			
ESP-1	ELEVATOR SUMP PUMP	ZOELLER MODEL N161	50	20	1/2	115V/1Φ			
ESP-2	ELEVATOR SUMP PUMP	BELL & GOSSET / MODEL ELK2EC1038	100	20	1	115V/1Φ			

	PLUMBING FIXTURE SCHEDULE									
MARK	DESCRIPTION	MAKE/MODEL	FIXTURE SUPPORT	MIN. C	ONNEC	CTION SIZE WASTE	MINIMUM VENT SIZE			
FD-1	FLOOR DRAIN	MIFAB / F1103-C-TS	FLOOR	**		3"	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).		
IMB-1	ICE-MAKER BOX	OATEY / 37385	WALL	1/2"			SEE PLANS	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.		
RH-1	ROOF HYDRANT	WOODFORD / SRH-MS	ROOF	3/4"				ROOF HYDRANT WITH MOUNTING SET. NO DRAIN REQUIRED.		
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 ARRESTORS. OATEY MODEL 37609 TO BE USED IN LIEU OF MODEL SPECIFIED FOR ANY WMB INSTALLED IN NON FIRE-RATED ASSEMBLIES.		

SHEET NUMBER	SHEET NAME
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-482	PLUMBING PLAN - UNIT G

NO. DATE DESCRIPTION

08 Δ

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DESIGN

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DESIGN DEVELOPMENT

Project No.: 08/22/2025

> PLUMBING **GENERAL**

P-001

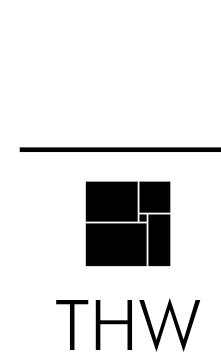
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Project Number: 2024-03276

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

Salas O'Brien

salasobrien.com



DESIGN

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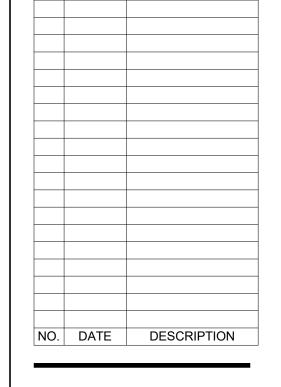
SANITARY PLAN - FIRST FLOOR -AREA A

P-141-A

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WAIEKFORD CAMPUS

IL BUILDING

SOT UNIVERSE BLVD. JUNO BEACH, FL 33408



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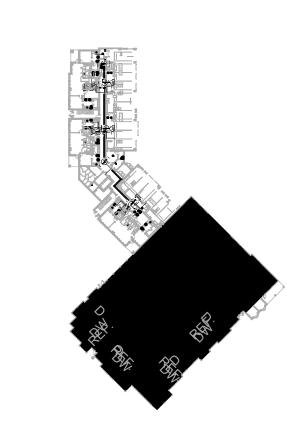
Project No.: 2021009 Date: 08/22/2025

SANITARY PLAN - FIRST FLOOR -AREA B

P-141-B

F-14

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2 FIRST FLOOR Copy 2 P-142-A 1" = 100'-0" Salas O'Brien.

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Autodesk Docs://WCR - Stage 2 - MC\_AL\_IL/2024-03276 - MEP - IL

WATERFORD CAMPUS

IL BUILDING

601 UNIVERSE BLVD. JUNO BEACH, FL 33

NO. DATE DESCRIPTION

THW

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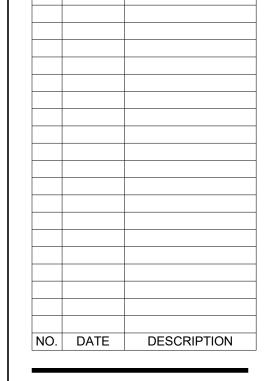
CONSTRUCTION.

DESIGN DEVELOPMENT

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SANITARY PLAN
- SECOND
FLOOR - AREA A

P-142-A



WATERFORD CAMPUS

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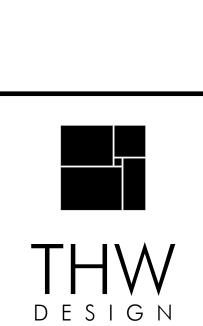
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SANITARY PLAN
- SECOND
FLOOR - AREA B

P-142-B

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SANITARY PLAN - THIRD FLOOR - AREA A

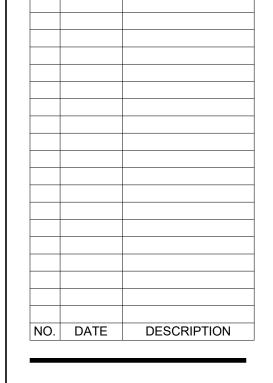
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WATERFORD **L** Universe B



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CONSTRUCTION.

DESIGN DEVELOPMENT

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SANITARY PLAN
- THIRD FLOOR
- AREA B

P-143-B



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Project No.: 2021009 08/22/2025

SANITARY PLAN - FOURTH FLOOR - AREA A

P-144-A

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SANITARY PLAN
- ROOF FLOOR
- AREA B

P-145-B

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SUPPLY PLAN -FIRST FLOOR -AREA A

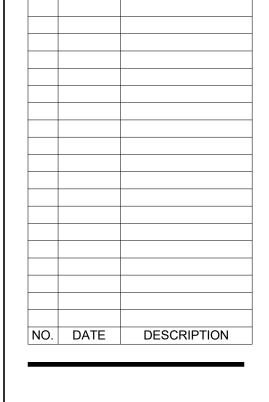
P-151-A

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SUPPLY PLAN -

FIRST FLOOR -AREA B

P-151-B

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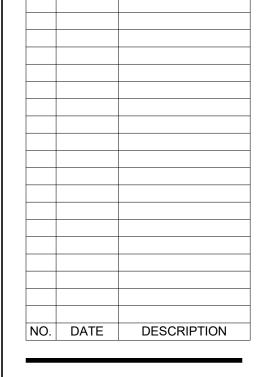
SUPPLY PLAN -SECOND FLOOR - AREA A

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SUPPLY PLAN -SECOND FLOOR - AREA B

FLOOR - AREA

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P-152-B





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SUPPLY PLAN -THIRD FLOOR -AREA A

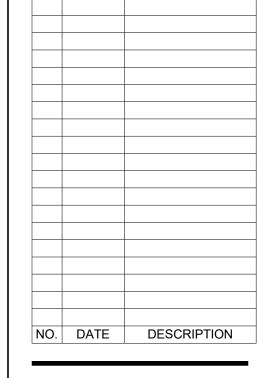
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SUPPLY PLAN -THIRD FLOOR -AREA B

P-153-B

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SUPPLY PLAN -FOURTH FLOOR - AREA A

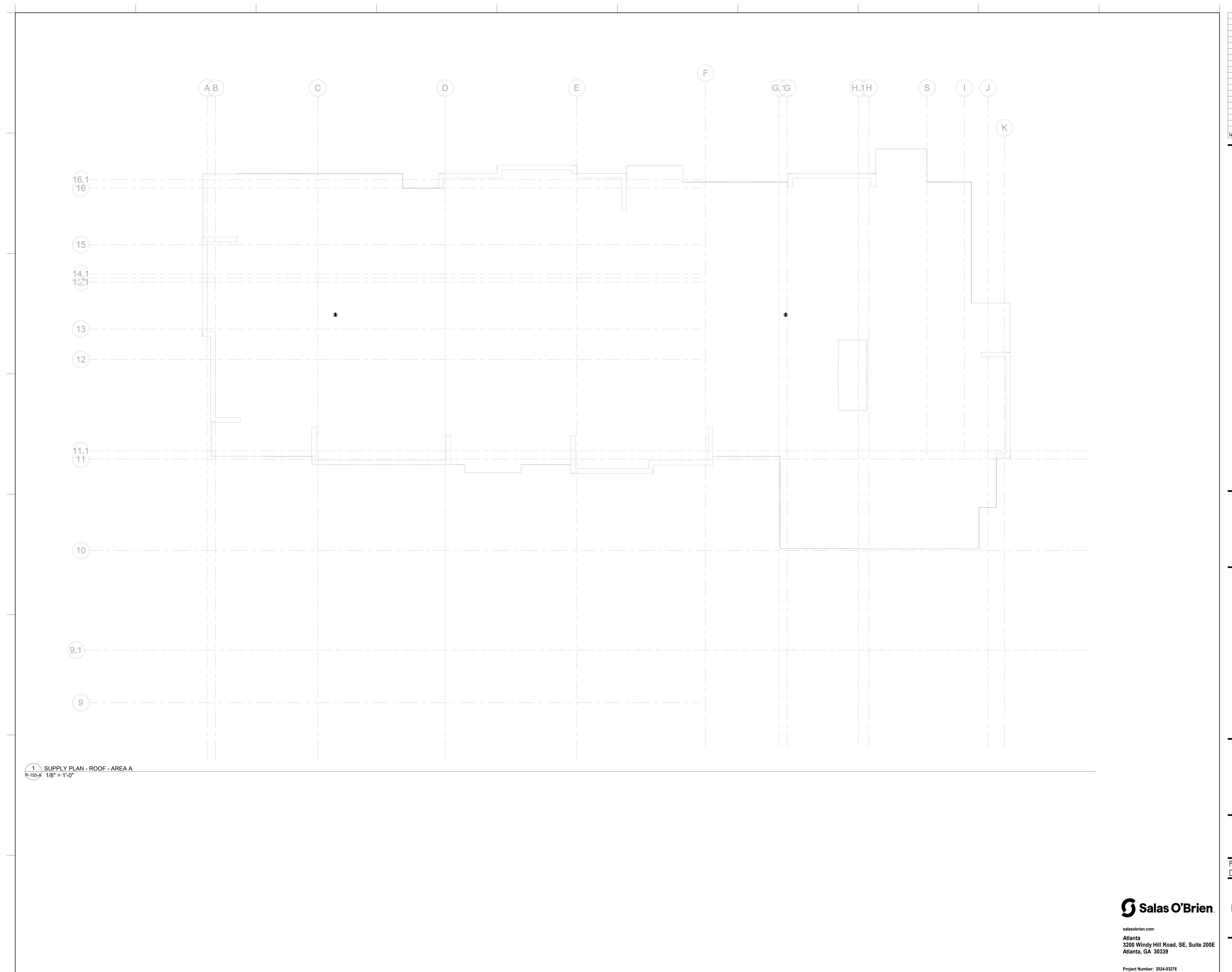
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SUPPLY PLAN -ROOF FLOOR -AREA A

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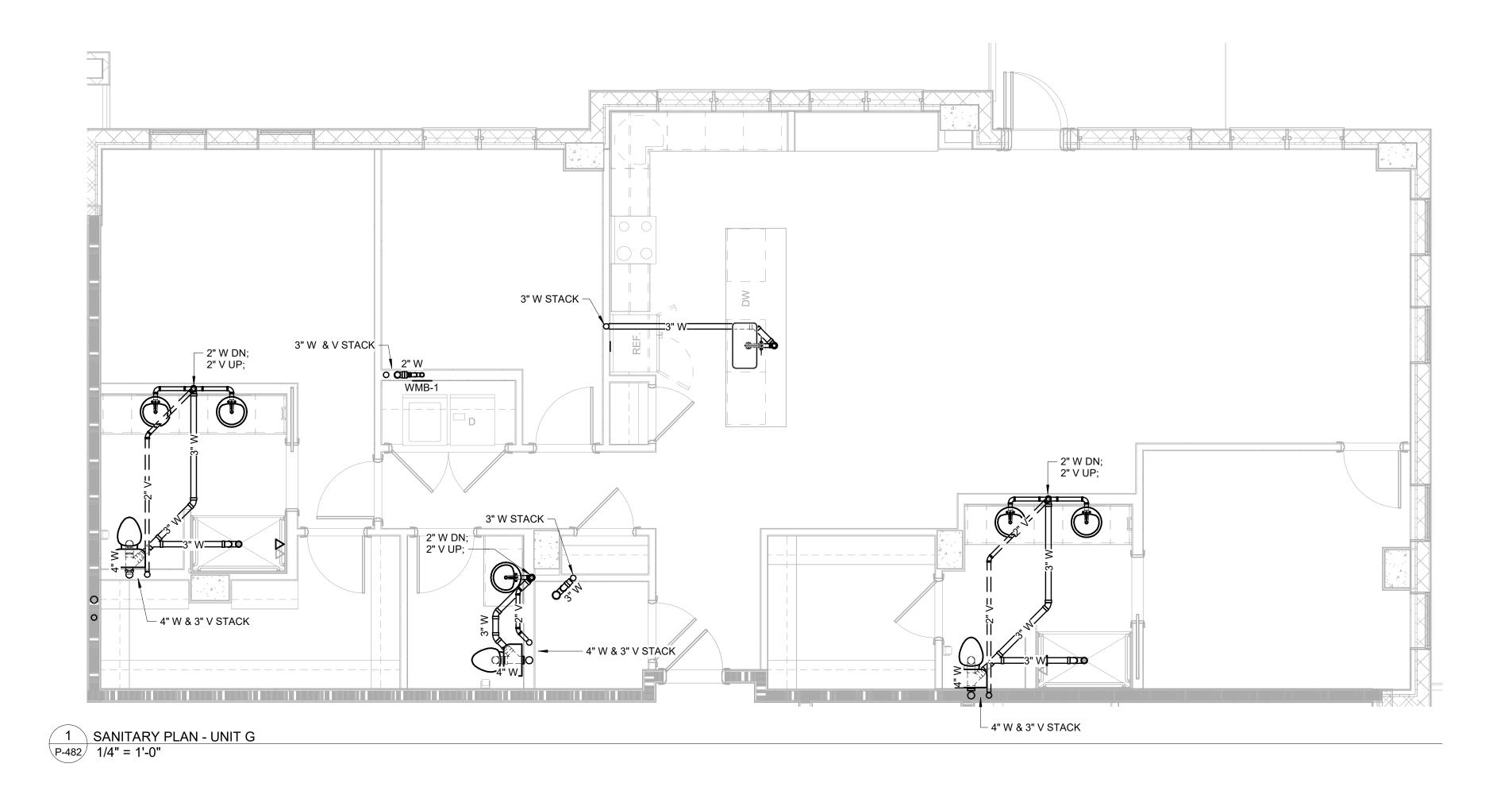
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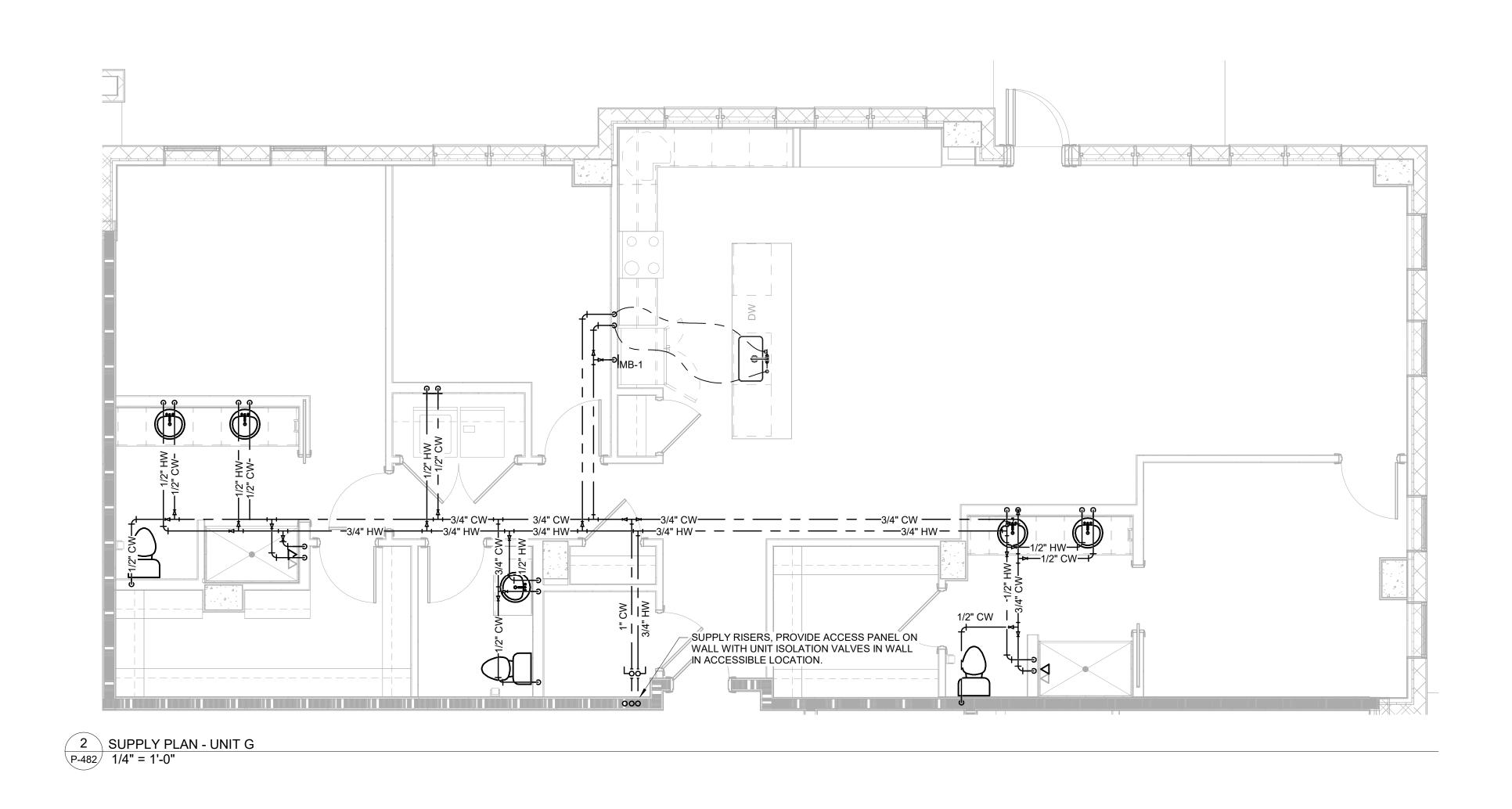
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PLUMBING PLAN - UNIT G

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