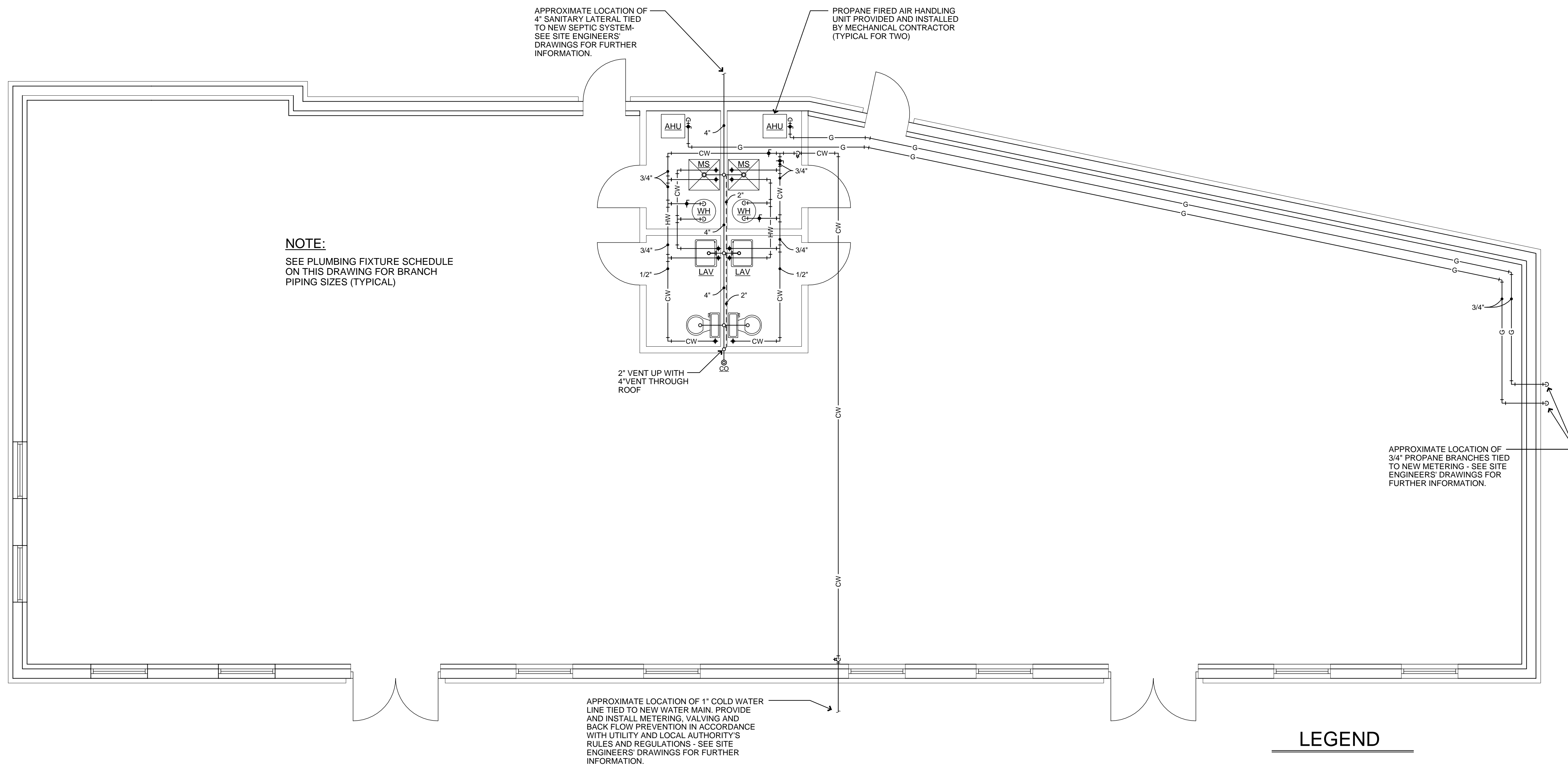


**NOTE:**  
DRAWINGS ARE DIAGRAMMATIC ONLY. EXACT LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT, FIXTURES, DEVICES, ETC. TO BE DETERMINED IN THE FIELD. VERIFY ALL REQUIREMENTS OF NEW EQUIPMENT AND APPLIANCES WITH THE APPROPRIATE SUPPLIER. SEE PLANS, SCHEDULES AND SPECS. AS PREPARED BY OTHERS FOR FURTHER INFORMATION.



**NOTE:**  
SEE PLUMBING FIXTURE SCHEDULE ON THIS DRAWING FOR BRANCH PIPING SIZES (TYPICAL)

## PROPOSED PLUMBING PLAN

SCALE: 1/4" = 1'-0"

### LEGEND

- CW — COLD WATER PIPING
- HW — HOT WATER PIPING
- WASTE PIPING
- - - - - VENT PIPING
- G — PROPANE GAS PIPING
- CO @ — CLEAN OUT DECK PLATE
- f — SHUT OFF VALVE

### PLUMBING SPECIFICATIONS

1. ALL WORK SHALL CONFORM TO LATEST EDITIONS OF ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. EACH CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, TESTS AND INSPECTIONS AS REQUIRED FOR HIS WORK. SEE DRAWINGS AS PREPARED BY OTHERS FOR FURTHER INFORMATION.
2. THE CONTRACTOR SHALL VISIT THE JOB SITE TO ASCERTAIN EXISTING CONDITIONS WHICH MAY BE PECULIAR TO THE PROJECT. NO PROPOSALS WILL BE ACCEPTED WITHOUT SUCH VISIT.
3. FURNISH ALL LABOR, MATERIAL, EQUIPMENT AND APPURTENANCES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS SHOWN ON THE DRAWINGS, SPECIFIED HEREIN AND AS REQUIRED BY THE PROJECT. CONTRACTOR MAY SUBSTITUTE FIXTURES PROVIDED THEY RECEIVE PRIOR APPROVAL FROM OWNER AND ENGINEER.
4. WORKMANSHIP SHALL REPRESENT THE HIGHEST STANDARDS OF THE INDUSTRY. GUARANTEE ALL MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY THE TENANT AND OWNER.
5. PERFORM ALL TESTS, ADJUSTMENTS, ETC. AS REQUIRED BY EQUIPMENT MANUFACTURERS OR AUTHORITIES HAVING JURISDICTION.
6. WATER PIPING:  
TYPE 1 COPPER OR CROSS LINKED POLYETHYLENE PIPING SHALL BE USED. INSULATE ALL WATER PIPING WITH 1" GLASS FIBER INSULATION WITH ALL PURPOSE JACKET INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. 1/2" RUBBER INSULATION EQUAL TO 'ARMORFLEX' MAY BE USED IF ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
7. SANITARY, WASTE AND VENT PIPING:  
BELOW FLOOR - SCHEDULE 40 PVC, ASTM D-2665, PIPES AND FITTINGS WITH SOLVENT WELD JOINTS SHALL BE USED. (PROVIDE TRAP PRIMERS AS REQUIRED)  
ABOVE FLOOR - SCHEDULE 40 PVC, ASTM D-2665, PIPES AND FITTINGS WITH SOLVENT WELD JOINTS SHALL BE USED.
8. PROPANE PIPING:  
SCHEDULE 40 BLACK IRON, FABRICATED AND INSTALLED WITH A.G.A. AND NFPA RULES AND REGULATIONS.
9. INSTALL CHROME ESCUTCHEON PLATES AT ALL EXPOSED PIPING PENETRATIONS THROUGH FINISHED WALLS AND CEILINGS.
10. SUBMIT MANUFACTURER'S OPERATING AND MAINTENANCE MANUALS FOR ALL EQUIPMENT.
11. EACH CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER TRADES.
12. EACH CONTRACTOR SHALL FURNISH ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. NO CUTTING SHALL BE PERFORMED WITHOUT PRIOR APPROVAL. PATCHING SHALL BE CONSISTENT WITH ADJACENT SURFACES.
13. ALL EQUIPMENT, PIPES, ETC. SHALL BE CONCEALED ABOVE THE CEILING OR IN WALLS UNLESS SHOWN.
14. EXCAVATION:  
A. PROVIDE ALL MATERIALS AND LABOR REQUIRED FOR EXCAVATION, TRENCHING, BRACING, SHORING AND PUMPING EQUIPMENT.  
B. EXAMINE ALL SITE CONDITIONS PRIOR TO STARTING THE WORK. COORDINATE ALL WORK WITH ALL OTHER TRADES AND EXISTING PIPING.  
C. FURNISH, INSTALL AND MAINTAIN BRACING, SHORING OR SHEATHING NECESSARY TO SUPPORT THE WALLS OF EXCAVATION. CUT OFF SHEATHING AT TOP LEVEL OF PIPE BEFORE BACKFILLING.  
D. FURNISH, INSTALL AND OPERATE PUMPING EQUIPMENT AS NECESSARY TO KEEP EXCAVATIONS FREE OF WATER.  
E. GRADE TRENCHES TO UNIFORM PITCH AS REQUIRED BY SLOPE OF PIPE. TRENCHES SHALL NOT BE WIDER THAN ABSOLUTELY NECESSARY TO PERMIT PIPE INSTALLATION.  
F. REMOVE ALL EXCAVATED MATERIALS FROM SITE.  
G. BLASTING IS NOT PERMITTED.  
H. TRENCHES AND EXCAVATIONS SHALL BE FREE OF LOOSE EARTH AND WATER, BEFORE LAYING PIPE OR INSTALLING FOUNDATIONS.  
I. TRENCHES PASSING BUILDING FOOTINGS AND BELOW THE ANGLE OF REPOSE OF ONE VERTICAL TO ONE AND ONE HALF HORIZONTAL FROM THE BOTTOM OF FOOTINGS, SHALL BE FILLED WITH 150# CONCRETE TO 6" ABOVE THE ANGLE OF REPOSE AND THE BALANCE OF BACKFILL TO BE GRANULAR MATERIAL.
15. BACKFILLING:  
A. AFTER INSTALLATION, TEST AND APPROVAL OF PIPING AND EQUIPMENT HAS BEEN COMPLETED, BACKFILL ALL EXCAVATIONS.  
B. PROVIDE A MINIMUM OF 6" OF SAND BENEATH ALL PIPES. THIS REQUIREMENT IS FOR BOTH SHAPED AND NON-SHAPED TRENCHES. THE REMAINDER OF THE PIPE SHALL BE ENTIRELY SURROUNDED TO A HEIGHT OF ONE FOOT ABOVE ITS TOP, BY SAND, CAREFULLY PLACED BY HAND AND COMPACTED TO AN OPTIMUM PRESSURE. SAND SHALL FILL COMPLETELY ALL SPACES UNDER AND ADJACENT TO THE PIPE.  
C. BACKFILL ALL EXCAVATIONS WITH GRANULAR MATERIALS. DO NOT USE EXCAVATED MATERIALS FOR BACKFILL.  
D. TERMINATE AND ROUGH GRADE BACKFILL MATERIALS TO CONFORM TO THE SUB GRADE ELEVATION IN ALL AREAS.
16. SUBMIT THREE (3) COPIES OF OPERATING MANUALS TO OWNER/TENANT WHICH INCLUDES MANUFACTURER'S DATA OF ALL EQUIPMENT INSTALLED, ROUTINE MAINTENANCE REQUIRED AND ANY ADDITIONAL INSTRUCTIONS THE OWNER/TENANT NEEDS TO OPERATE THE EQUIPMENT. MEET WITH THE OWNER/TENANT AND THOROUGHLY EXPLAIN THE MANUAL AND INSTRUCTIONS WITHIN THIRTY (30) DAYS OF SUBSTANTIAL COMPLETION.

PLUMBING FIXTURE SCHEDULE										
FIXTURE	MANUFACTURER	CATALOG NO.	WASTE	I.W.	VENT	C.W.	H.W.	G	MBTU	REMARKS
LAV	KOHLER	K-2005-0	1 1/2"	---	1 1/2"	1/2"	1/2"	---	---	WALL HUNG SINK WITH #K-7515-CP SCULPTED FITTINGS, JONES #D70-100 GRID DRAIN AND TRUEBRO #102-EZ COVERS, OR APPROVED EQUIVALENT
WC	KOHLER	K-3493	4"	---	4"	1/2"	---	---	---	WITH KOHLER K-4731 SEAT, OR APPROVED EQUIVALENT
WH	RHEEM	EGSP15-4.5	---	3/4"	---	1/2"	1/2"	---	---	15 GALLON ELECTRIC WATER HEATERS WITH 4.5 KW., 240 VOLT ELEMENT MOUNTED HIGH ON WALL - INSTALL SAFETY T&P VALVE AND DRIP PAN
MS	EAGLE GROUP	F28-20	3"	---	2"	1/2"	1/2"	---	---	MOP SINK WITH #312890 SERVICE FAUCET
AHU	TRANE	---	---	---	---	---	---	3/4"	120 MBH	PROPANE FIRED AIR HANDLING UNIT AS SUPPLIED BY OTHERS

Consulting Engineer	Drawing Name	Project Name	Drawn by	DG	Drawing No.
Marchetti Consulting Engineers 25 High Ridge Road Pound Ridge, NY 10567	PROPOSED PLUMBING PLAN, LEGEND, SCHEDULE AND SPECIFICATION	ALTERATIONS & ADDITIONS INTERIOR TENANT FITOUT	Checked by	PM	<b>P-1</b>
Tel: 914.764.9011 Fax: 914.764.9012 E-mail: chrisdad57@sbcglobal.net		9 BRUSH HILL NEW FAIRFIELD, CT.	Date	02/24/16	
			Scale	As Noted	
			Job No.	021/16	

ISSUED FOR PERMIT  
FEBRUARY 24, 2016