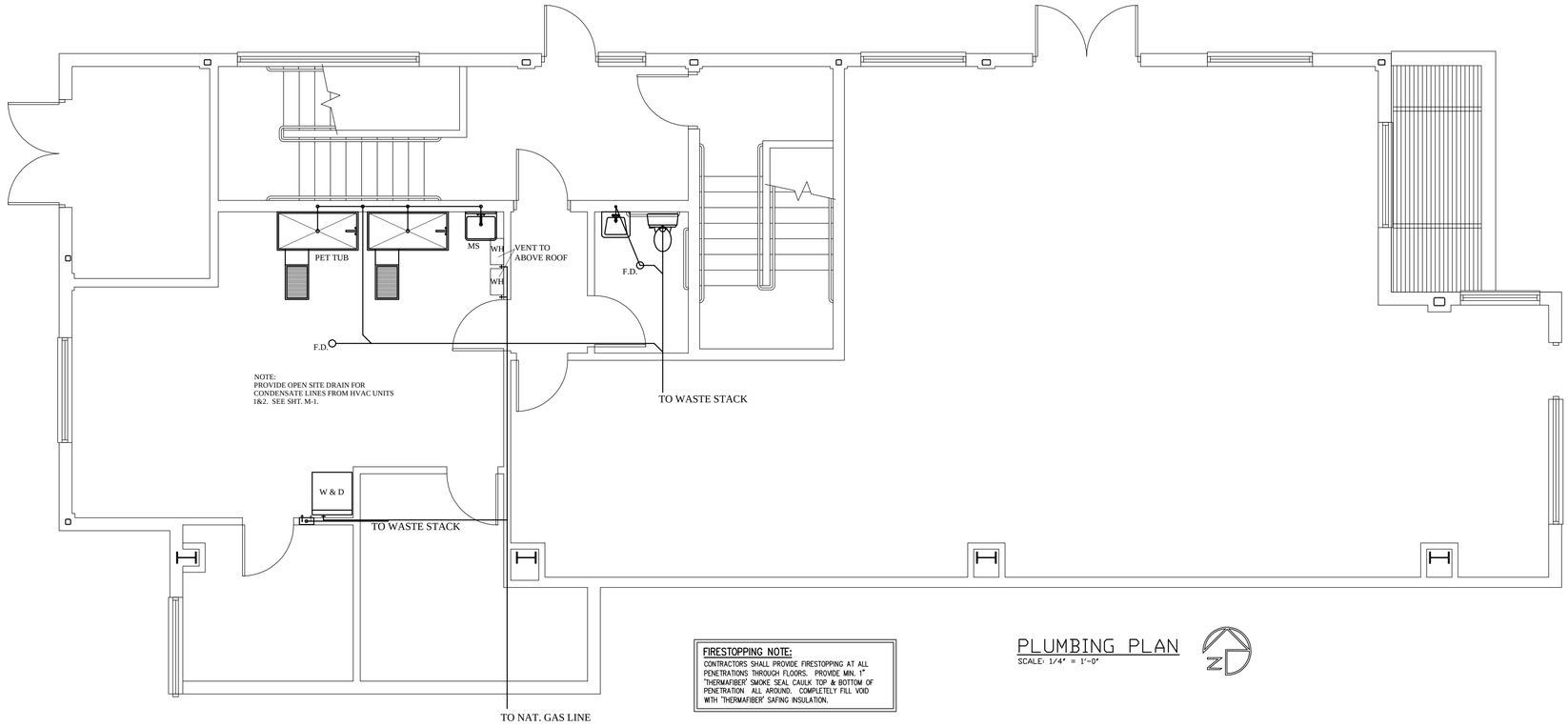
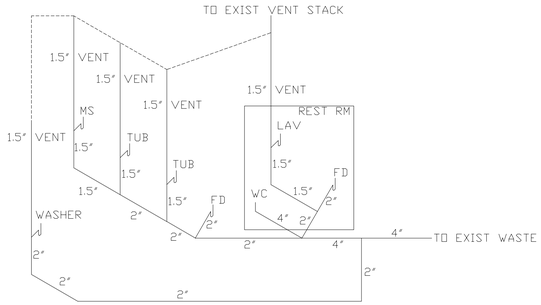
PLUMBING NOTES:

1. SEE PLUMBING RISER DIAGRAM ON THIS SHEET FOR PIPE SIZES. SEE GAS PIPING ON SHEET M1.
2. ALL WATER AND GAS ROUGH-INS TO BE TERMINATED WITH SHUT OFF VALVES BEFORE CONNECTION TO EQUIPMENT.
3. ALL DIMENSIONS SHOWN ARE FROM FINISHED FLOORS.
4. ALL CONTINUOUS SLEEVES TO HAVE LONG SWEEP ELBOWS. ALL SLEEVES IN SLAB TO TERMINATE 1' ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
5. ALL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL & STATE CODES.
6. EXAMINE CONNECTION DIAGRAMS BEFORE PROCEEDING WITH ANY ROUGH-IN WORK.
7. ALL WATER LINESABOVE FLOOR ARE TO BE INSULATED. COLD WATER LINES FOR CONDENSATION CONTROL HOT WATER LINES TO PREVENT HEAT LOSS. PROVIDE INSULATION RINGS ON ALL RISERS TO PREVENT BONDING SLAB TO PIPE AND ELBOW.
8. VACUUM BREAKERS SHALL COMPLY WITH LOCAL CODES. ALL HOSE CONNECTIONS AND OTHER POSSIBLE POINTS OF CROSS CONTAMINATION SHALL BE PROTECTED IN COMPLIANCE WITH LOCAL CODES.
9. WHERE POOR SOIL CONDITIONS EXIST OR WHERE SUBSTANTIAL SETTLEMENT OF EITHER THE PIPING, THE BUILDING OR ADJACENT WALKS, PLANTERS, ETC. MAY OCCUR, THE CONTRACTOR SHALL PROVIDE ADEQUATE UNDER SLAB STAINLESS STEEL PIPE HANGERS OR OTHER SUPPORT.
10. IT WILL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO INSTALL CONDENSATION TRAPS ON ALL HVAC UNITS. ALL CONDENSATION TRAPS ARE FURNISHED WITH THE HVAC UNITS.
11. A MIN. OF 20' IS REQUIRED BETWEEN ANY TWO ITEMS PENETRATING THE ROOF DECK.
12. RPZ BACKFLOW PREVENTOR IS TO BE INSTALLED ON INCOMMING WATER SUPPLY AS REQUIRED BY LOCAL CODES.
13. SANITARY PIPING SHALL BE SERVICE WEIGHT PVC. DOMESTIC WATER PIPING SHALL BE TYPE 'L' ABOVE GROUND WITH SILVER SOLDERED JOINTS. DOMESTIC WATER PIPING SHALL BE TYPE 'K' BELOW GROUND WITH SILVER SOLDERED JOINTS.
14. INSTALL CLEAN OUTS AT FIXTURES AND OTHER LOCATIONS AS REQUIRED BY CODE.
15. INSTALL TRAP PRIMERS ON DRAINS AS REQUIRED BY LOCAL CODES.
16. PROVIDE SEPARATE SHUT-OFFS FOR EACH UNIT.
17. PROVIDE TEMPORARY ON SIDE TOILET FACILITIES DURING CONSTRUCTION.
18. PROVIDE 4"x8" DRUM TRAP AND A 2" VENT FOR THE FLOOR DRAINS.
19. PROVIDE SHUT-OFFS FOR EACH HOSE BIBB LINE.
20. PROVIDE A.S.M.E.T. & P. SAFETY VALVE EXPANSION TANK AND VACUUM BREAKER FOR WATER HEATER.
21. ALL LAVATORY FAUCETS SHALL BE PROVIDED WITH AN AUTOMATIC SAFETY WATER MIXING DEVICE. THE DEVICE SHALL BE EITHER THERMOSTATIC PRESSURE BALANCE, OR COMBINATION CONTROLLED WHICH SHALL BE ADJUSTED TO A MAXIMUM SETTING OF 110 DEGREES AT THE TIME OF INSTALLATION.
22. ALL SANITARY LINES SHALL BE VENTED. ALL WASTE VENTS TO BE MIN. 2" w/ 4"x5" INREASER THRU ROOF MIN. 30' FROM ALL PARAPET WALLS. SOIL STACK VENT TO BE MIN. 4" w/ 4"x5" INCREASER THRU ROOF. ALL FLOOR DRAINS TO BE PROPERLY VENTED.
23. SEE ARCHITECTURAL DRAWING SHEET FOR FIXTURE HEIGHTS AND DIMENSIONS.
24. ALL LAVATORY FAUCETS SHALL BE PROVIDED WITH SELF-CLOSING FAUCETS.
25. ALL FLOOR DRAINS SHALL BE VENTED PER ILLINOIS PLUMBING CODE 890.1320
26. ALL UNDERGROUND PVC SOIL AND WASTE PIPING SHALL BE MINIMUM FOUR (4) INCH.
27. ALL UNDERGROUND PVC VENT PIPE SHALL BE MINIMUM TWO (2) INCH.

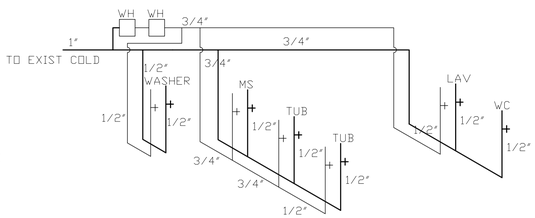


PLUMBING PLAN
SCALE: 1/4" = 1'-0"

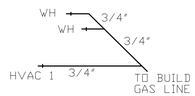
FIRESTOPPING NOTE:
CONTRACTORS SHALL PROVIDE FIRESTOPPING AT ALL PENETRATIONS THROUGH FLOORS. PROVIDE MIN. 1" "THERMAFIBER' SMOKE SEAL CAULK TOP & BOTTOM OF PENETRATION ALL AROUND. COMPLETELY FILL VOID WITH 'THERMAFIBER' SAFING INSULATION.



WASTE RISER DIAGRAM
MAT'L: SCHD 40 PVC



SUPPLY RISER DIAGRAM
MAT'L: SCHD 40 CU TYPE L



GAS RISER DIAGRAM
MAT'L: SCHD 40 IRON GAS PIPE

PLUMBING FIXTURE SCHEDULE

MARK	ITEM	DESCRIPTION	MFR	MODEL	ACCESSORY	REMARKS
WC	WATER CLOSET	VIT. CHINA, ELONG. BOWL, FLOOR MT. 17" HT, 1.6 GPF, DIRECT-FED SIPH JET	AMERICAN STANDARD	AFWAL EL1.6 #2257.103	COLOR, FLUSH VALVE & SEAT T.B.D.	MIN. WORKING PRESSURE - 30 psi @ VALVE WHEN FLUSHING
LAV	LAVATORY	VITR CHINA, WALL-HUNG, REAR OVERFLOW NOM. DIM. 20"x18 1/4", 15"x10 7/8" BOWL	AMERICAN STANDARD	COMRADE #0124.024	COLOR & FAUCET T.B.D.	w/ WALL HANGER
MS	MOP SINK	MOLDED FIBERGLAS, 24"x24"x10", 3" DRAIN, S.S. STRAINER,	E.L. MUSTEE	62M	MUSTEE #63.600A	COMPLETE W/DRAIN PLUG, VAC BRKR, HOSE & BRKT, MOP HGR, BUMPER GUARDS
TUB	ANIMAL BATH DOG TUB	SELECTED BY OWNER & PROVIDED & INSTALLED BY PLUMBING CONTRACTOR				
WH	WATER HEATER	3/4" NPT CONNECT, TANKLESS,8.8 GPM 18.5" X 9.3" X 23.6", NAT. GAS	AO SMITH	ATI-705N		237KBTU/H MAX GAS INPUT, 99W 120V DIRECT VENT, REMOTE CONTROL
W&D	WASHER/DRYER	STACKED WASHER-DRYER COMBO SELECTED BY OWNER				

Tim O'Malley, Architects
Architecture & Planning
432 South 14th Street
St. Charles, IL 60174
Ph: 630-762-1062

Pet Pals Tenant Buildout
Dodson Place Building 8, Geneva, Illinois

Revisions

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Drawn: J.KIDD
Job No:

JKS & Associates
MECHANICAL ENGINEERS
3S094 Deepath Road
Batavia, Illinois 60510
Ph: 630-879-2957

Sheet No: P1 of