

PLUMBING PLAN

SCALE: 1/16" = 1'-0"



INVERT CALCULATIONS

BUILDING FFE	87.05 FT
DISTANCE FROM STARTING INVERT TO FURTHEST FIXTURE	49 FT
PIPE SLOPE	1/8 IN/FT
PIPE SLOPE DEPTH BFFE	6.13 IN
FIXTURE DEPTH BFFE	24.00 IN
DEPTH (IN) STARTING INVERT BFFE	30.13 IN
DEPTH (FT) STARTING INVERT BFFE	2.51 FT
STARTING INVERT ELEVATION	84.54 FT
DISTANCE FROM STARTING INVERT TO LEAVING INVERT	405 FT
PIPE SLOPE	1/8 IN/FT
DEPTH (IN) LEAVING INVERT BFFE	80.75 IN
DEPTH (FT) LEAVING INVERT BFFE	6.73 FT
LEAVING INVERT ELEVATION	80.32 FT

LEGEND

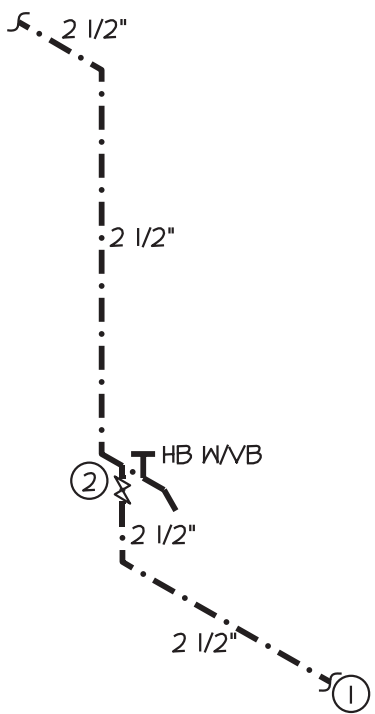
- COLD WATER SUPPLY
- BUILDING DRAIN - SLOPE 3" AND SMALLER DRAINS @ 1/4" PER FOOT MIN. SLOPE 4" AND LARGER DRAINS @ 1/8" PER FOOT MIN. (4" TO ALL WC)

MATERIALS

POTABLE WATER: TYPE "L" HARD COPPER, NO LEAD SOLDER
DRAIN, WASTE AND VENT: IAPMO ABS OR PVC

GENERAL PLUMBING NOTES

CALL FOR INSPECTION AND WITNESS TESTING PRIOR TO CONCEALING WATER AND SEWER PIPING PER IPC 107.2
ALL WORK TO COMPLY WITH 2018 INTERNATIONAL PLUMBING CODE, 2018 INTERNATIONAL ENERGY CONSERVATION CODE AND ALL CITY ADOPTED CODES
FLUSH AND DISINFECT ALL POTABLE WATER PIPING PRIOR TO OCCUPANCY PER IPC 610
ALL FIXTURES AND APPURTENANCES TO HAVE SHUT-OFF VALVES



WATER RISER DIAGRAM

KEYED NOTES

- 2 1/2" CW STUB - SEE CIVIL FOR CONTINUATION TO 1 1/2" WATER METER AND RFBP. COORDINATE EXACT LOCATION WITH CIVIL PRIOR TO ANY OTHER PLUMBING WORK
- 2 1/2" CW SUPPLY WITH FULL-PORT SHUT-OFF VALVE AND HB WVB IN RISER TIGHT TO EXTERIOR WALL
- 1 1/4" CW SUPPLY TO SE OFFICE - SEE SE OFFICE PLUMBING PLAN SHEET P2.0 FOR CONTINUATION
- 1 1/4" CW SUPPLY TO NN OFFICE - SEE NN OFFICE PLUMBING PLAN SHEET P2.0 FOR CONTINUATION
- 1 1/2" CW STUB WITH FULL-PORT SOV CAPPED FOR FUTURE
- HOSE BIB W/ VACUUM BREAKER ON ROOF
- 4" BUILDING DRAIN STUB - SEE CIVIL FOR CONTINUATION. COORDINATE EXACT LOCATION AND DEPTH OF STUB WITH CIVIL PRIOR TO ANY OTHER PLUMBING WORK
- ROOF DRAIN/OVERFLOW DRAIN SCUPPER - SEE ARCH FOR SIZE AND DETAILS - SHOWN FOR INFORMATION ONLY
- DRAIN FROM FIRE RISER FLOOR SINK TO TRUCK WELL - SLOPE DRAIN AT 1/4" PER FOOT MIN.
- 2" VTR - DISCHARGE MIN. 10 FT. FROM ALL FRESH AIR INTAKES

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DESIGN
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Project No. 21034 Drawn by: JC