

A three inches = one foot
B one and one-half inch = one foot
C one inch = one foot
D three-quarters inch = one foot
E one-half inch = one foot
F three-eighths inch = one foot
G one-quarter inch = one foot
H one-eighth inch = one foot

PLUMBING GENERAL NOTES:

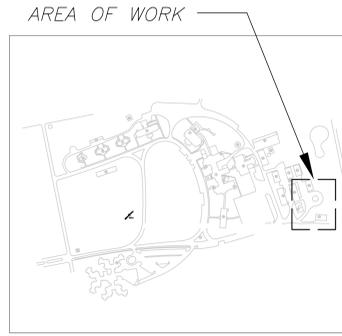
- 1. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING...
2. THESE DRAWINGS DO NOT INCLUDE ALL NECESSARY SAFETY REQUIREMENTS...
3. THESE DRAWINGS ARE FOR BIDDING PURPOSES ONLY...
4. THE PLUMBING CONTRACTOR SHALL PROVIDE THE WATER, SEWER AND STORM DRAIN SYSTEMS...
5. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH UTILITY COMPANIES...
6. ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH ELECTRICAL EQUIPMENT...
7. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING ACCESS PANELS...
8. COORDINATE ALL LOCATIONS, SIZES AND ELEVATIONS OF ALL SLEEVES THROUGH WALLS, BEAMS, SLABS AND FOOTING...
9. BEFORE FABRICATION OR INSTALLATION, THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT...
10. PIPING SUPPORTS, ALL PIPING TO BE SUPPORTED WITH HANGERS AND BRACKETS WHICH PROVIDE ISOLATION FROM FRAMING...
11. ALL FLOOR AND WALL PENETRATIONS MUST BE SEALED WATERTIGHT AND VERMIN PROOF...
12. ALL EXTERIOR GAS COCKS, WATER SHUTOFF VALVES AND/OR SEWER CLEAN OUTS BELOW GROUND SHALL BE INSTALLED IN YARD BOXES WITH THE COVERS BELOWGROUNDOUSLY MARKED "GAS," "WATER," AND "SEWER" RESPECTIVELY...
13. ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE...
14. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL...
15. ALL DRY SYSTEM PIPING SHALL BE INSTALLED WITH PROPER PITCH FOR DRAINING OF SYSTEM...
16. DO NOT SHUT DOWN ANY FIRE PROTECTION OR RELATED SYSTEM WITHOUT COR'S PRIOR WRITTEN APPROVAL...
17. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ROOF WORK THAT IS REQUIRED AS PART OF THIS CONTRACT...
18. PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES...
19. FIELD VERIFY EXACT LOCATION, COMPOSITION AND CONDITION OF ALL PIPING, VALVES AND SYSTEMS AS REQUIRED FOR WORK OF THE CONTRACT...
20. PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN...
21. PROVIDE ALL REQUIRED EXCAVATION, BACKFILL AND COMPACTION FOR ALL UNDERGROUND WORK...
22. DEMOLITION SHALL INCLUDE REMOVAL OF PIPING, HANGERS, RODS, INSULATION, SUPPORTS, FIXTURES, CARRIERS, TRIM, VALVES AND RELATED WORK...
23. FIELD VERIFY ALL UNDERGROUND VALVES AND PIPING AS REQUIRED FOR WORK SHOWN...
24. COORDINATE ALL VENT TERMINATIONS ABOVE ROOF WITH HVAC CONTRACTOR...
25. CONNECT TO SITE PIPING OUTSIDE BUILDING AS SHOWN...
26. PROVIDE SCHEDULE 40 BLACK STEEL PIPE SLEEVES FOR ALL UNDERGROUND PIPING PASSING THROUGH OR UNDER FOOTINGS, WALLS, FOUNDATION WALLS, SLABS FLOORS AND/OR UNDERGROUND STRUCTURES...
27. WHERE PIPING IS LOCATED OVER FOOTINGS AND/OR OTHER UNDERGROUND STRUCTURES, ROLL DOWN AS REQUIRED TO CONNECT TO SYSTEMS NOTED...
28. PITCH ALL SANITARY, WASTE AND STORM PIPING AS FOLLOWS...
29. WATER OR WASTE PIPE BELOW GRADE OUTSIDE THE BUILDING SHALL HAVE MINIMUM COVER AS REQUIRED BY CODE...
30. COORDINATE PLUMBING SYSTEMS WITH WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION...
31. COORDINATE LOCATIONS OF ALL ROOF OPENINGS WITH STRUCTURAL, MECHANICAL, AND ARCHITECTURAL PLANS PRIOR TO ANY INSTALLATION...
32. PLATFORMS, CURBS, AND FLUSHINGS FOR PLUMBING EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL PLANS...
33. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODES...
34. MAINTENANCE LABEL SHALL BE AFFIXED TO ALL PLUMBING EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED TO COR...
35. PIPES SHALL BE SUPPORTED AND BRACED PER SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS"...
36. ALL HOSE BIBBS, WALL HYDRANTS AND MOP SERVICE BASINS SHALL BE EQUIPPED WITH APPROVED, PROPERLY INSTALLED ATMOSPHERIC TYPE VACUUM BREAKERS...
37. COORDINATE WITH ELECTRICAL TRADE PRIOR TO ORDERING ELECTRICALLY OPERATED EQUIPMENT FOR AVAILABLE VOLTAGES AT EQUIPMENT LOCATIONS...
38. PIPE SIZE DISCREPANCIES BETWEEN FLOOR PLANS AND RISER DIAGRAMS LARGER PIPE SIZE INDICATED WILL TAKE PRECEDENCE...
39. THESE PLANS INDICATE APPROXIMATE ROUGH-INS ONLY FOR EQUIPMENT NOT IN THIS SECTION...
40. NO GAS PIPING SHALL BE INSTALLED IN OR ON THE GROUND UNDER ANY BUILDING OR STRUCTURE...
41. PROVIDE SHUT-OFF VALVES (BALL VALVE) FOR EACH C, H, HWR AND GAS RISER TO UNITS AND BRANCH TO PUBLIC AREAS OR FIXTURES...
42. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS...
43. UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS...
44. INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE...
45. INSTALL PIPING WITHOUT FORCING OR STRINGING...
46. DRAINS SHALL BE INSTALLED AT THE LOW POINT OF THE FLOORS...
47. PROVIDE RPZ TYPE BACKFLOW PREVENTER AND ISOLATION VALVES ON ALL MAKE-UP WATER LINES...
48. PROVIDE CLEAN-OUTS AT THE BASE OF ALL STORM, SANITARY, AND WASTE STACKS...
49. MINIMUM SIZE OF SANITARY/WASTE PIPING BELOW SLAB SHALL BE 3"...
50. THIS PROJECT NEITHER OVERLOADS EXISTING SYSTEMS NOR CREATES/INCREASES ANY CODE NONCONFORMITY...
51. PROVIDE FLOOR DRAIN TRAP SEALER ON ALL FLOOR DRAINS AS SPECIFIED...
52. WHEN EXISTING CONSTRUCTION IS DAMAGED DURING WORK BY THIS CONTRACTOR...
53. DISPOSE OF ALL DEMOLITION AND/OR OTHER WASTE MATERIALS CAUSED BY WORK OF THIS CONTRACTOR...
54. COORDINATE AND SCHEDULE WORK AND SHUTDOWNS WITH THE OWNER AND OTHER TRADES PRIOR TO DEMOLITION...
55. ALL EXISTING PIPING TO REMAIN SHALL BE RECONNECTED TO ACTIVE SERVICE PIPING...
56. ALL PIPING TO BE REMOVED SHALL BE REMOVED BACK TO ACTIVE PIPING AND CAPPED...
57. ALL PIPING TO BE REMOVED AND LOCATED WITHIN A WALL TO REMAIN MAY BE ABANDONED IN PLACE UNLESS NOTED...
58. PLUG HOLES IN EXISTING CONSTRUCTION LEFT BY THE REMOVAL OF PIPING OR EQUIPMENT...
59. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO: PIPING, VALVES, FIXTURES, EQUIPMENT, HANGERS, SUPPORTS...
60. ALL PIPING TO BE REMOVED IN PENETRATION FLOOR SLAB SHALL BE REMOVED TO BELOW FLOOR AND CAPPED...
61. NO SANITARY/STORM PIPING SHALL BE ABANDONED UNDERGROUND AS TO CREATE A "DEAD END"...
62. BUILDING HAS BEEN NOTED TO CONTAIN ASBESTOS...
63. PLUMBING SYSTEMS AND ALL COMPONENTS THAT ARE DESIGNED AND/OR INTENDED TO DELIVER POTABLE WATER FOR HUMAN CONSUMPTION SHALL BE THIRD-PARTY TESTED...

ABBREVIATIONS:

- AIR - ABOVE FINISHED FLOOR
AFF - ACID VENT
AV - ACID WASTE
AW - COLD WATER
CO - CLEANOUT
CP - CONDENSATE PUMP
CPVC - CHLORINATED POLYVINYL CHLORIDE
DBP - DOMESTIC BOOSTER PUMP
DCCA - DOUBLE CHECK DETECTOR ASSEMBLY
DET - DOMESTIC EXPANSION TANK
DF - DRINKING FOUNTAIN
DIA - DIAMETER
DN - DOWN
DPCO - DECK PLATE CLEANOUT
DW - DEIONIZED WATER
ESP - ELEVATOR SUMP PUMP
ESS - EMERGENCY SHOWER SYSTEM
ETR - EXISTING TO REMAIN
EW - EYEWASH
EWC - ELECTRIC WATER COOLER
FD - FLOOR DRAIN
FDC - FIRE DEPARTMENT CONNECTION
FOF - FUEL OIL FILL
FOG - FUEL OIL GAUGE
FOR - FUEL OIL RETURN
FOS - FUEL OIL SUPPLY
FOV - FUEL OIL VENT
FP - FIRE PROTECTION
FPC - FIRE PROTECTION CONTRACTOR
FS - FLOOR SINK
FS - FLOOR SWITCH
FT - FEET
GAS - GAS (NATURAL)
GPH - GALLONS PER HOUR
GPM - GALLONS PER MINUTE
H - HOT WATER
HOB - HOSE BIBB
HP - HORSE POWER
HWH - HOT WATER HEATER
HW - HOT WATER RECIRCULATION
IN - INCHES
INV - INDIRECT WASTE
LAV - LAVATORY
LPG - LIQUEFIED PETROLEUM GAS
LS - LAUNDRY SINK
LS - LAUNDRY SINK
MAX - MAXIMUM
MIN - MINIMUM
MOP - MOP SERVICE SINK
MV - MIXING VALVE
N2 - NITROGEN
NC - NORMALLY CLOSED
NIC - NOT IN CONTRACT
NG - NORMALLY OPEN
NLS - NOT TO SCALE
O - OXYGEN
CO - CLEANOUT
PC - PLUMBING CONTRACTOR
PD - PUMP DISCHARGE
PPV - PRESSURE REDUCING VALVE
PS - PRESSURE SWITCH
PSI - POUNDS PER SQUARE INCH
PVC - POLYVINYL CHLORIDE
PW - PURE WATER
RD - ROOF DRAIN
RPDA - REDUCED PRESSURE DETECTOR ASSEMBLY
RPM - REVOLUTIONS PER MINUTE
SA - SHOCK ABSORBER
SAN - SANITARY
SE - SEWAGE EJECTOR
SF - SQUARE FOOT
SHR - SHOWER
SINK - SINK
SP - SUMP PUMP
ST - STORM WATER
TS - TRENCH DRAIN
TAM - TAMPER SWITCH
TUB - TUB
TYP - TYPICAL
UP - UP
UR - URINAL
V - VOLTS
VAC - VACUUM
VTR - VENT THROUGH ROOF
W - WASTE
WC - WATER CLOSET
WH - WALL HYDRANT
WPCO - WALL PLATE CLEANOUT

PLUMBING SYMBOLS LIST

Table with 4 columns: SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION. Lists various plumbing symbols and their corresponding descriptions, such as EXISTING PIPING, NEW TO EXISTING CONNECTION, REMOVE TO THIS POINT, WORK TO BE REMOVED, COLD WATER PIPING, HOT WATER PIPING, HW RECIRCULATION PIPING, VENT PIPING, STORM PIPING, SANITARY/WASTE, INDIRECT WASTE, NATURAL GAS PIPING, COMPRESSED AIR, WATER MAIN, FUEL OIL SUCTION, FUEL OIL RETURN, FUEL OIL VENT, FUEL OIL FILL, FUEL OIL GAUGE, DROP CONNECTION, ELBOW UP/DOWN, P-TRAP, CLEANOUT, UNION, SHUT OFF VALVE, CHECK VALVE, BALANCE VALVE, ANGLE VALVE, PRESS. OR TEMP. RELIEF VALVE, PLUG VALVE, REGULATING VALVE, BUTTERFLY VALVE, PRESSURE REDUCING VALVE, NEEDLE VALVE, SOLENOID VALVE, PIPE CONTINUATION, BREAK, DIRECTION OF FLOW, CAP OR PLUG, WALL HYDRANT, HOSE BIBB, THERMOMETER, PRESSURE GAGE, SHOCK ABSORBER, STRAINER, PUMP, BACKFLOW PREVENTER, METER, FLOOR DRAIN, ROOF DRAIN, WALL PLATE CLEANOUT, DECK PLATE CLEANOUT, NORMALLY CLOSED, NORMALLY OPEN, FLOOR SINK, ABOVE FINISHED FLOOR, EXISTING TO REMAIN, VENT THROUGH ROOF, PUMP DISCHARGE, PLUMBING CONTRACTOR, FIRE PROTECTION CONTRACTOR, REDUCED PRESSURE ZONE, DOUBLE DETECTOR CHECK VALVE.



KEY PLAN SCALE: NONE

Table with 2 columns: Revisions, Date. Includes a row for 100% SUBMISSION on 02-06-14.

VA WESTERN NEW YORK HEALTHCARE SYSTEM 222 RICHMOND AVENUE BATAVIA, NEW YORK 14020



Consultant stamp, Architect / Engineer

Table with 4 columns: CARDIOLOGY MANAGER, INFECTION CONTROL, SAFETY OFFICER, DATE. Includes fields for ENGINEERING MANAGER, CARELINE MANAGER, CHIEF OF STAFF.

Table with 2 columns: Drawing Title (GENERAL NOTES, SYMBOLS AND ABBREVIATIONS - PLUMBING), Project Title (VA BATAVIA EMERGENCY POWER UPGRADES).

Table with 3 columns: Building Number (1), Checked (AJW), Drawn (WAB), Location (V.A.M.C. BATAVIA, NEW YORK).

Table with 2 columns: Date (June 6, 2014), Station No. (52B-13-201), Drawing No. (13-201-P001).

