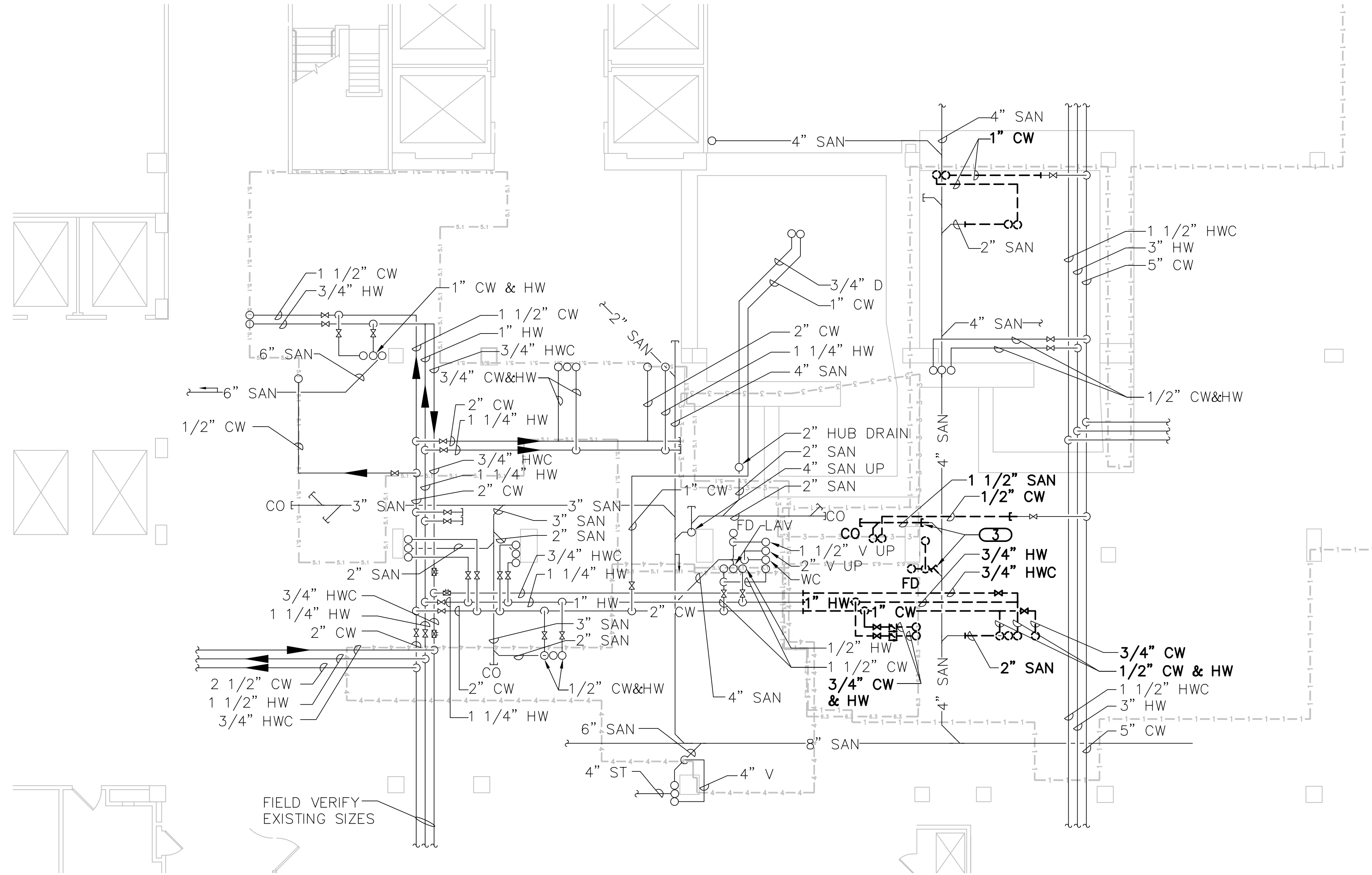
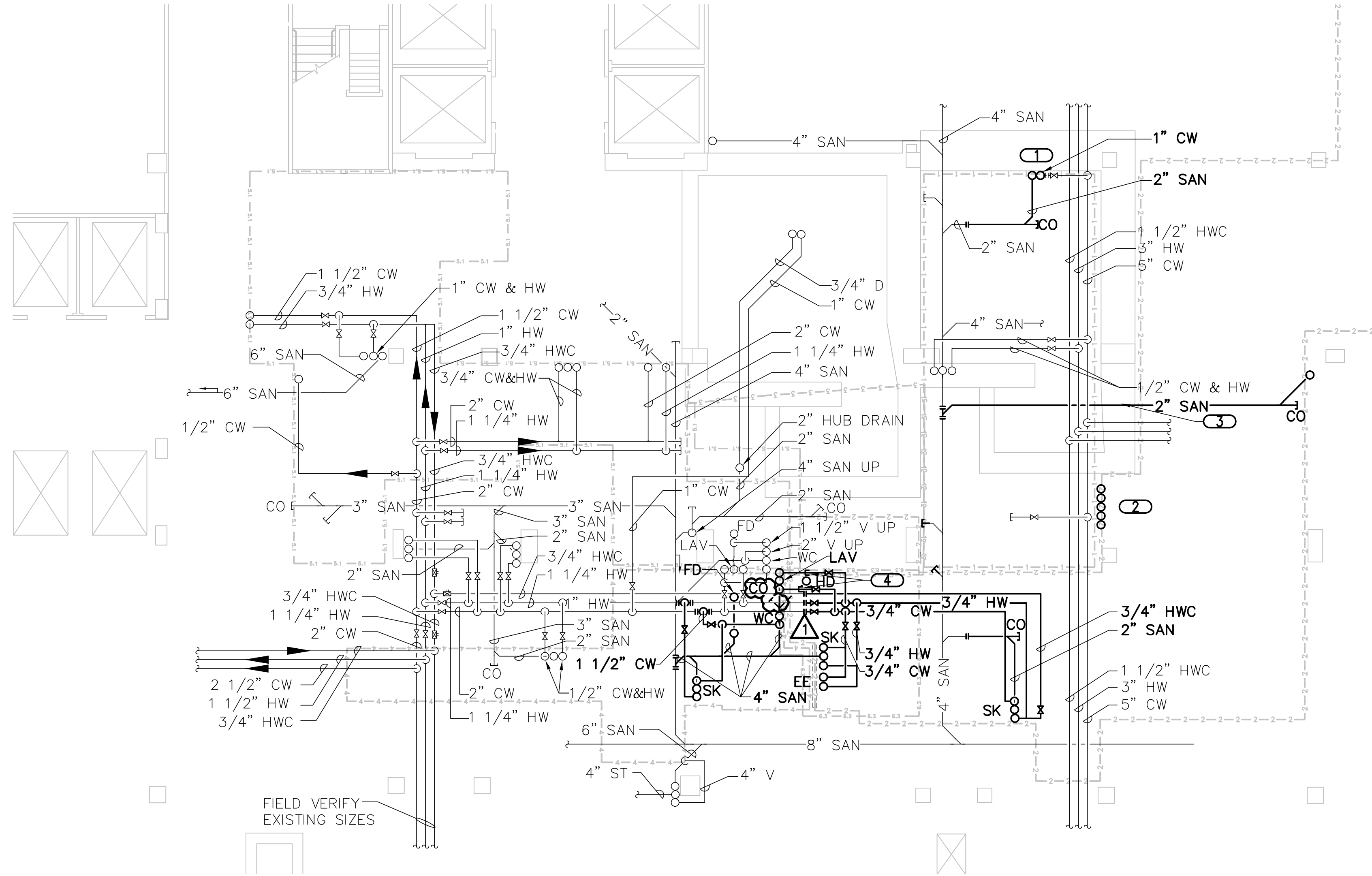


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



1 DEMOLITION PLAN - SUB-BASEMENT PLUMBING
SCALE: 1/8"=1'-0"



2 FLOOR PLAN - SUB-BASEMENT PLUMBING
SCALE: 1/8"=1'-0"

| PLUMBING SYMBOLS LIST | |
|-----------------------|---|
| SYMBOL: | DESCRIPTION: |
| | EXISTING TO REMAIN |
| | EXISTING TO BE REMOVED |
| | NEW |
| | CW — COLD WATER — POTABLE |
| | D — DRAIN LINE |
| | HW — HOT WATER — POTABLE |
| | HWC — HOT WATER CIRCULATING — POTABLE |
| | SAN — SANITARY DRAINAGE |
| | ST — STORM DRAINAGE |
| | V — VENT |
| | PIPE CAP |
| | PIPE DOWN |
| | PIPE UP OR UP/DOWN |
| | PIPE SERVING FIXTURE ON FLOOR ABOVE. (EXAMPLE: FD = FLOOR DRAIN) |
| | PITCH PIPE IN DIRECTION |
| | DIRECTION OF FLOW IN PIPE |
| | NEW CONNECTION |
| | SHUTOFF VALVE NORMALLY OPEN |
| | BALANCING VALVE (NO. INDICATES GPM) |
| | EE — EMERGENCY EYEWASH |
| | HD — HUB DRAIN |
| | LAV — LAVATORY |
| | MC — MECHANICAL CONTRACTOR |
| | SK — SINK |
| | WC — WATER CLOSET |

| DEMOLITION PHASE LINETYPE KEY | |
|---|--|
| PHASE 1 DEMOLITION WORK | |
| PHASE 2 DEMOLITION WORK | |
| PHASE 3 DEMOLITION WORK | |
| PHASE 4 DEMOLITION WORK | |
| PHASE 5 DEMOLITION WORK | |
| PHASE 6 DEMOLITION WORK | |
| NEW WORK PHASE LINETYPE KEY | |
| PHASE 1 NEW WORK | |
| PHASE 2 NEW WORK | |
| PHASE 3 NEW WORK | |
| PHASE 4 NEW WORK | |
| PHASE 5 NEW WORK | |
| PHASE 6 NEW WORK | |
| FIRE / SMOKE BARRIER DESIGNATIONS | |
| THE SYMBOLS SHOWN ARE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY RATINGS WITH THE LATEST SET OF ARCHITECTURAL PLANS AND FURNISH ALL MATERIALS REQUIRED TO COMPLY WITH THOSE RATINGS WHETHER SHOWN OR NOT. | |
| ALL FLOOR ASSEMBLIES SHALL BE DESIGNATED AS 2 HOUR FIRE/SMOKE BARRIERS, UNLESS NOTED OTHERWISE ON THE PLANS. RATINGS WERE ACQUIRED FROM THE ARCHITECTURAL PLANS DATED 04/02/2012. | |
| 1 HOUR FIRE BARRIER | |
| 2 HOUR FIRE BARRIER | |
| 1 HOUR FIRE/SMOKE BARRIER | |
| 2 HOUR FIRE/SMOKE BARRIER | |

| GENERAL NOTES | |
|---------------|--|
| 1. | REFER TO P500 FOR GENERAL PLUMBING NOTES. |
| 2. | WORK SHALL BE COMPLETED IN PHASES IDENTIFIED ON THESE DRAWINGS. REFER TO ARCHITECTURAL PHASING DRAWINGS FOR ADDITIONAL INFORMATION. PROVIDE TEMPORARY PROVISIONS TO ACCOMMODATE PHASED CONSTRUCTION WHERE UTILITIES CROSS PHASING BOUNDARIES. |
| KEYNOTES | |
| 1. | PROVIDE 1" CW AND 2" DRAIN CONNECTIONS UP TO SIEMENS TRANSFER STATION FOR EMERGENCY COOLING BACKUP. PROVIDE ALL PRESSURE REGULATORS, VALVES, PRESSURE GAUGES, FILTERS, AND BACKFLOW PREVENTERS AS REQUIRED BY SIEMENS DRAWING M-101. REFER TO SIEMENS DRAWING M-101 FOR MORE INFORMATION. COORDINATE FINAL TRANSFER STATION LOCATION WITH SIEMENS. |
| 2. | RELOCATE RISERS TO ALIGN WITH NEW WALL. REFER TO 2/P101 FOR MORE INFORMATION. MAKE HORIZONTAL OFFSETS IN SUB-BASEMENT AS NECESSARY TO RE-CONNECT WITH EXISTING PIPING. |
| 3. | THOUGH PIPING IS SHOWN CROSSING A PHASING BOUNDARY, IT CAN BE REMOVED/ INSTALLED AT ONE TIME BECAUSE SUB-BASEMENT CONSTRUCTION ACTIVITIES ARE NOT NECESSARILY LIMITED BY PHASING BOUNDARIES. REMOVE/ INSTALL PIPING IN THE SAME PHASE AS THE EQUIPMENT BEING SERVED BY THE PIPING. |
| 4. | TEMPORARILY VALVE/ CAP AT PHASING BOUNDARY. |

Amendment No. 3
09/05/12

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REFERENCE SCALE IN INCHES
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PROJECT LOCATION

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www.prarch.com
PRA Job No. R100077-10

Drawing Title
UNDERFLOOR PLANS - PLUMBING

Project Title
Building 111 - Radiation Oncology Expansion

Project Number
695-10-131
Building Number
111

Approved Project Director

Location
VA Medical Center, Milwaukee, WI

Date
20 August 2012

Checked
MJL

Drawn
DAS

Drawing Number
P100
Dwg. 1 of 3

Office of Construction and Facilities Management

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