

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

GENERAL PLUMBING NOTES

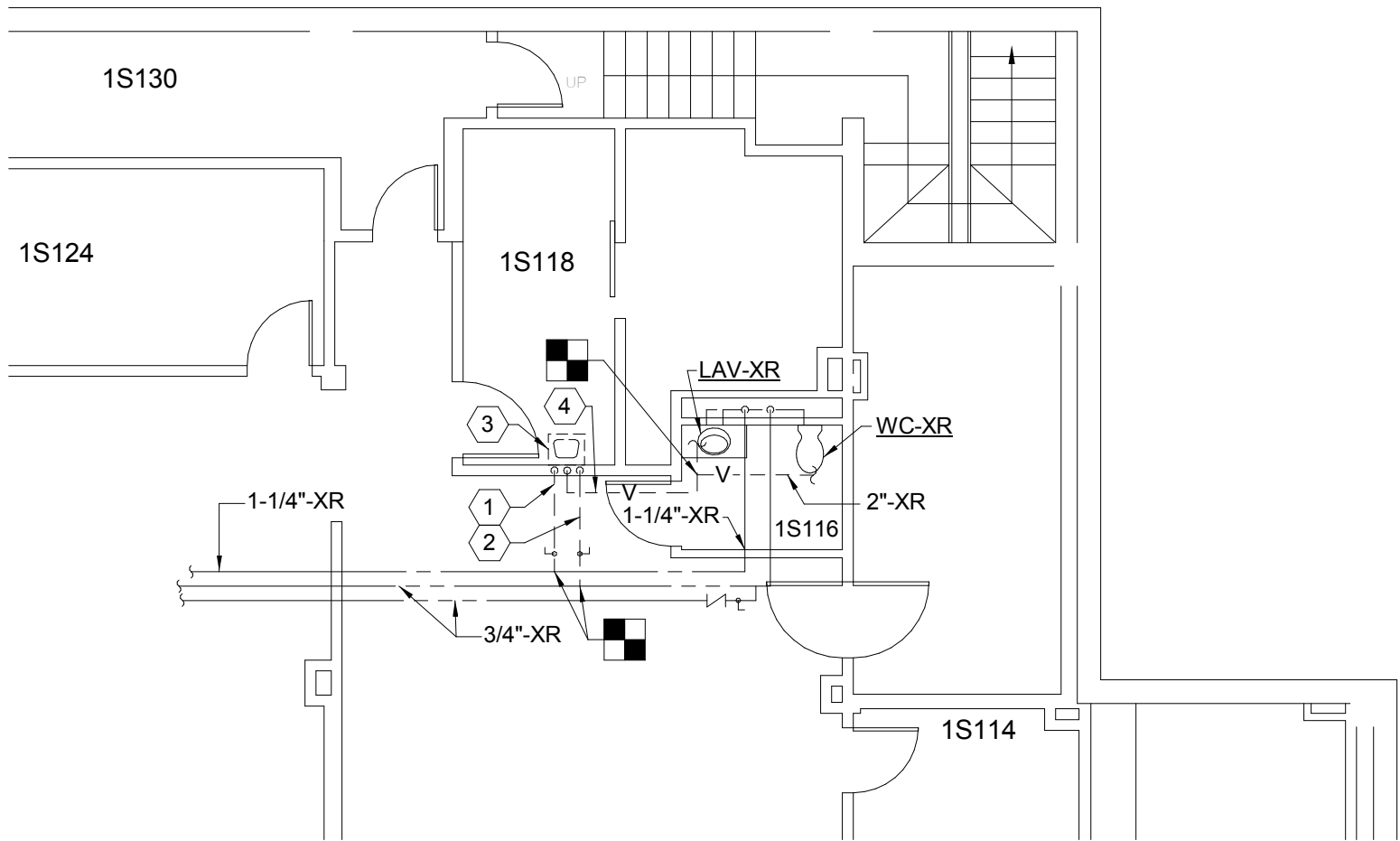
- ALL WORK SHOWN IS NEW UNLESS INDICATED OTHERWISE.
- ALL EXISTING SERVICES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS.
- CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL UTILITIES BEFORE COMMENCING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE WHICH MIGHT OCCUR DUE TO THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY SERVICES, INCLUDING WORK IN EXISTING PIPE CHASES.
- ALL EXISTING PLUMBING LINES, RISERS, ETC. ENCOUNTERED DURING ALTERATIONS, WHETHER INDICATED OR NOT, SHALL BE DETERMINED TO BE ACTIVE OR INACTIVE BY THE CONTRACTOR, PRIOR TO COMMENCING ANY WORK. IF LINES ARE ACTIVE THEY SHALL BE OFFSET AS REQUIRED AND RECONNECTED AT THEIR ORIGINAL LOCATIONS. OFFSETS SHALL BE OF THE SAME SIZE AND MATERIAL AS EXISTING, INCLUDING ANY INSULATION. REMOVE ALL USELESS AND INACTIVE PIPING BACK TO THE MAIN, STACK OR RISER AND CAP. ALL USELESS HOLES IN WALLS AND CEILINGS SHALL BE PATCHED TO MAINTAIN FIRE RATING. ALL SUCH WORK SHALL BE RECORDED ON THE "RECORD" DRAWINGS.
- THE DRAWINGS ARE DIAGRAMMATIC. THE CONTRACTOR MUST FIELD VERIFY ACTUAL CONDITIONS AT THE SITE PRIOR TO PROCEEDING WITH THE WORK. COORDINATE INSTALLATION OF ALL NEW PIPING, EQUIPMENT, ETC. WITH ALL OTHER TRADES.
- PATCH ALL OPENINGS IN EXISTING CONSTRUCTION WHERE PLUMBING PIPING HAS BEEN REMOVED, OR WHERE PLUMBING PIPING TO REMAIN IS NOT SEALED. MAINTAIN EXISTING RATING.
- ALL HORIZONTAL SANITARY DRAINAGE PIPING IS PITCHED AT 1/4" / FT UP TO 3" DIA., 1/8" / FT FOR 4" DIA. TO 8" DIA., LARGER SIZES AS NOTED. ALL HORIZONTAL STORM DRAINAGE PIPING IS PITCHED AT 1/8" / FT.
- THE PLUMBING DRAWINGS DO NOT INDICATE ALL STRUCTURAL BEAMS, COLUMNS OR EXACT SIZES. SOME DEVIATIONS TO THE PIPING LAYOUT MAY BE REQUIRED. COORDINATE ACTUAL LOCATIONS OF THE PLUMBING LINES DURING CONSTRUCTION.
- CONTRACTOR TO COMPLY WITH ALL WATER AND SEWER REQUIREMENTS SET FORTH BY THE AUTHORITY HAVING JURISDICTION.
- INSTALL NEW CLEANOUT MARKER ON EXISTING CLEANOUTS THAT WILL BE COVERED WITH NEW CARPET IDENTIFY ALL CLEANOUTS ON RECORD DRAWINGS.
- ALL END OF RUN SANITARY PIPING SHALL BE A MINIMUM OF 18" BELOW FINISHED FLOOR.

GENERAL PLUMBING DEMOLITION NOTES:

- WHERE EXISTING FIXTURES AND EQUIPMENT ARE DISCONNECTED AND REMOVED BY EITHER THE GENERAL CONTRACTOR OR BY THE PLUMBING CONTRACTOR, THE PLUMBING CONTRACTOR SHALL CAP WATER AND PLUG WASTE, SOIL OR VENT LINES IN WALL, BELOW FLOOR OR ABOVE CEILING.
- REMOVE ALL PIPING THAT IS NOT PART OF THE REMODELED SYSTEM IN THE EXISTING BUILDINGS. RENDER CONCEALED PIPING NOT PART OF THE REMODELED SYSTEM IN THE EXISTING BUILDINGS COMPLETELY "DEAD". WHERE CONCEALED PIPING IS IN EXISTING WALLS OR PARTITIONS TO BE REMOVED OR INTERFERES WITH THE REMODELING CONSTRUCTION, THE PLUMBING CONTRACTOR SHALL REMOVE PIPING AND RENDER REMAINING PIPING COMPLETELY "DEAD" OR RELOCATE PIPING IF IT IS PART OF THE REMODELED SYSTEM.
- REMOVAL OF EXISTING PIPING SHALL INCLUDE ALL HANGERS AND HARDWARE.
- EXISTING PIPING SHOWN ON THE DEMOLITION DRAWINGS IS BASED ON EXISTING DOCUMENTS PROVIDED. THEY GENERALLY INDICATE THE LOCATIONS OF PIPING TO BE REMOVED. CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS AND BE RESPONSIBLE FOR FIELD CONDITIONS.
- ANY ADDITIONAL PLUMBING FIXTURES, EQUIPMENT, PIPING, AND ACCESSORIES THAT ARE NOT SHOWN, BUT ARE REQUIRED TO BE REMOVED, SHALL BE REMOVED BY THE PLUMBING CONTRACTOR AT THEIR EXPENSE. REFER TO INDIVIDUAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES.

PLUMBING SYMBOLS AND ABBREVIATION LEGEND

| | |
|----------------|--|
| | BALL VALVE |
| | BACKFLOW PREVENTER |
| | CLEANOUT AT CEILING (CO) OR WALL (WCO) |
| | CLEANOUT AT FLOOR (FCO) |
| | UNION |
| | CHECK VALVE |
| N.T.S. | NOT TO SCALE |
| SAN | SANITARY LINE |
| V | VENT LINE |
| CW | DOMESTIC COLD WATER LINE |
| HW | DOMESTIC HOT WATER LINE |
| HWR | DOMESTIC HOT WATER RETURN LINE |
| G.C. | GENERAL CONTRACTOR |
| SS | SOIL STACK |
| VS | VENT STACK |
| WS | WASTE STACK |
| VTR | VENT THRU ROOF |
| I.E. | INVERT ELEVATION |
| | SQUARE FEET |
| CO | CLEANOUT TO FINISHED FLOOR |
| A.F.F. | ABOVE FINISHED FLOOR |
| ADA | AMERICAN DISABILITIES ACT |
| XR | EXISTING TO REMAIN |
| TYP | TYPICAL |
| | INDICATES POINT OF CONNECTION TO EXISTING |
| | INDICATES POINT OF DEMOLITION |
| | DROP |
| | RISE |
| | CAP |
| F-1, F-2, ETC. | PLUMBING FIXTURE TYPE- SEE SPECIFICATION |
| 1 2 ETC. | KEYED PLUMBING NOTE DESCRIBING WORK TO BE DONE |



3 FIRST FLOOR PLAN - PLUMBING - DEMOLITION
1/8" = 1'-0"

PLUMBING DEMOLITION KEY NOTES:

- REMOVE EXISTING DOMESTIC COLD WATER PIPING.
- REMOVE EXISTING DOMESTIC HOT WATER PIPING.
- REMOVE EXISTING LAVATORY, FAUCET, AND FIXTURE SUPPORT. REMOVE EXISTING HOT/COLD WATER, SANITARY, AND VENT PIPING ASSOCIATED WITH THIS FIXTURE. REMOVE PIPING BACK TO MAINS AND CAP.
- REMOVE EXISTING VENT PIPING.

PLUMBING FIXTURE SCHEDULE

SEE SPECIFICATIONS FOR FIXTURE TYPE DESCRIPTION

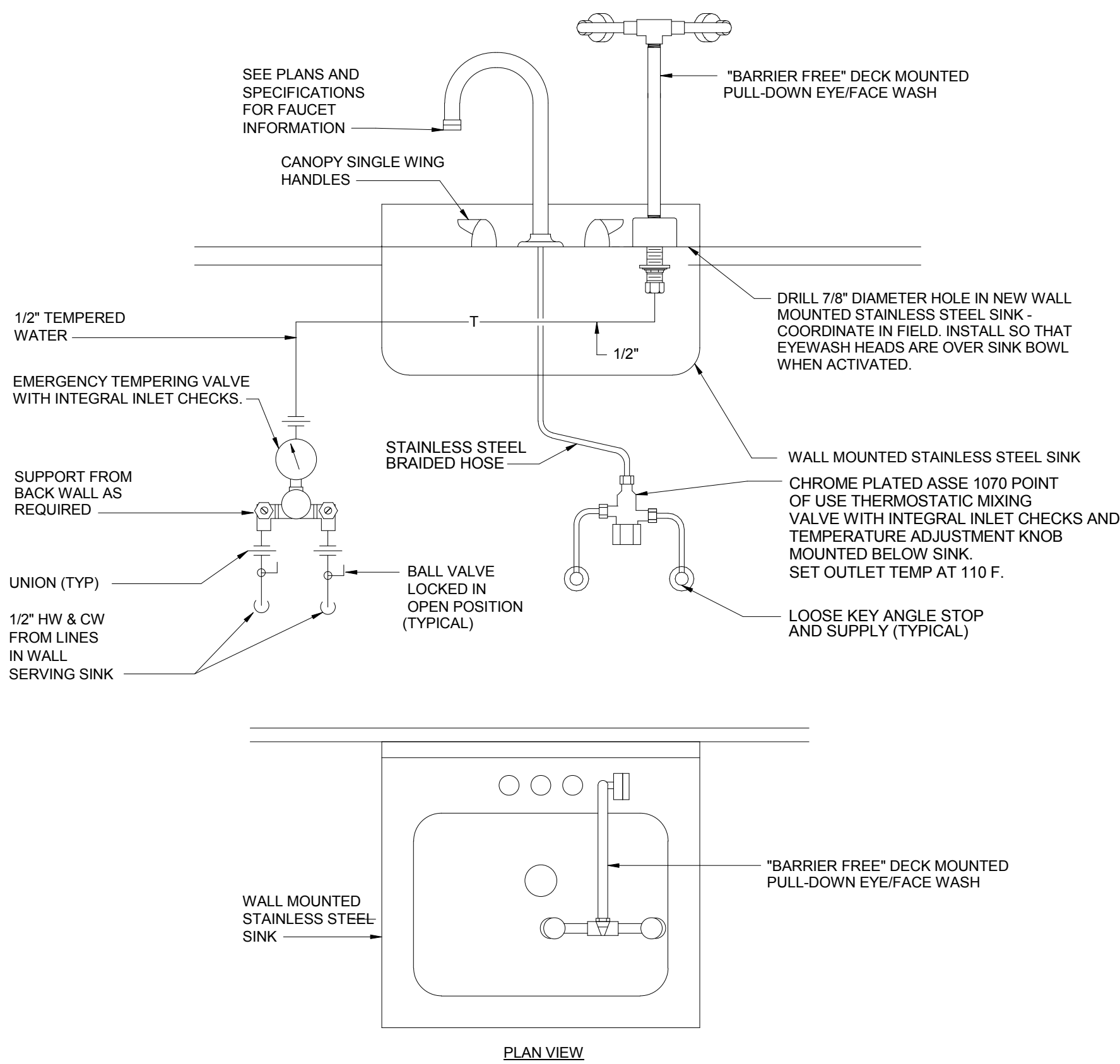
| TYPE | DESCRIPTION | SIZE | | | | | | COMMENTS |
|------|-----------------------|---------|-------|------|------|------|----------|--|
| | | FIXTURE | WASTE | VENT | HW | CW | TEMPERED | |
| S-1 | STAINLESS STEEL SINK | ---- | 2" | 2" | 1/2" | 1/2" | ---- | WALL MOUNTED |
| EW-1 | DECK MOUNTED EYE WASH | ---- | ---- | ---- | 1/2" | 1/2" | 1/2" | PULL DOWN ACTIVATED - DISCHARGE INTO FIXTURE S-1 |

PLUMBING PIPING INSULATION SCHEDULE

| DESCRIPTION | PIPE SIZE | INSULATION THICKNESS | TYPE | COMMENTS |
|---------------------------|----------------|----------------------|---------------------------------------|----------|
| DOMESTIC HOT WATER | UP TO 1-1/2" | 1" | FLEXIBLE ELASTOMERIC INSULATION | |
| DOMESTIC HOT WATER | OVER TO 1-1/2" | 1-1/2" | FLEXIBLE ELASTOMERIC INSULATION | |
| DOMESTIC HOT WATER RETURN | UP TO 1-1/2" | 1" | FLEXIBLE ELASTOMERIC INSULATION | |
| DOMESTIC COLD WATER | ALL SIZES | 1" | MINERAL FIBER OR FLEXIBLE ELASTOMERIC | |

DEMOLITION LEGEND

- INDICATES PIPING TO BE REMOVED
- INDICATES FIXTURE, OR EQUIPMENT TO BE REMOVED

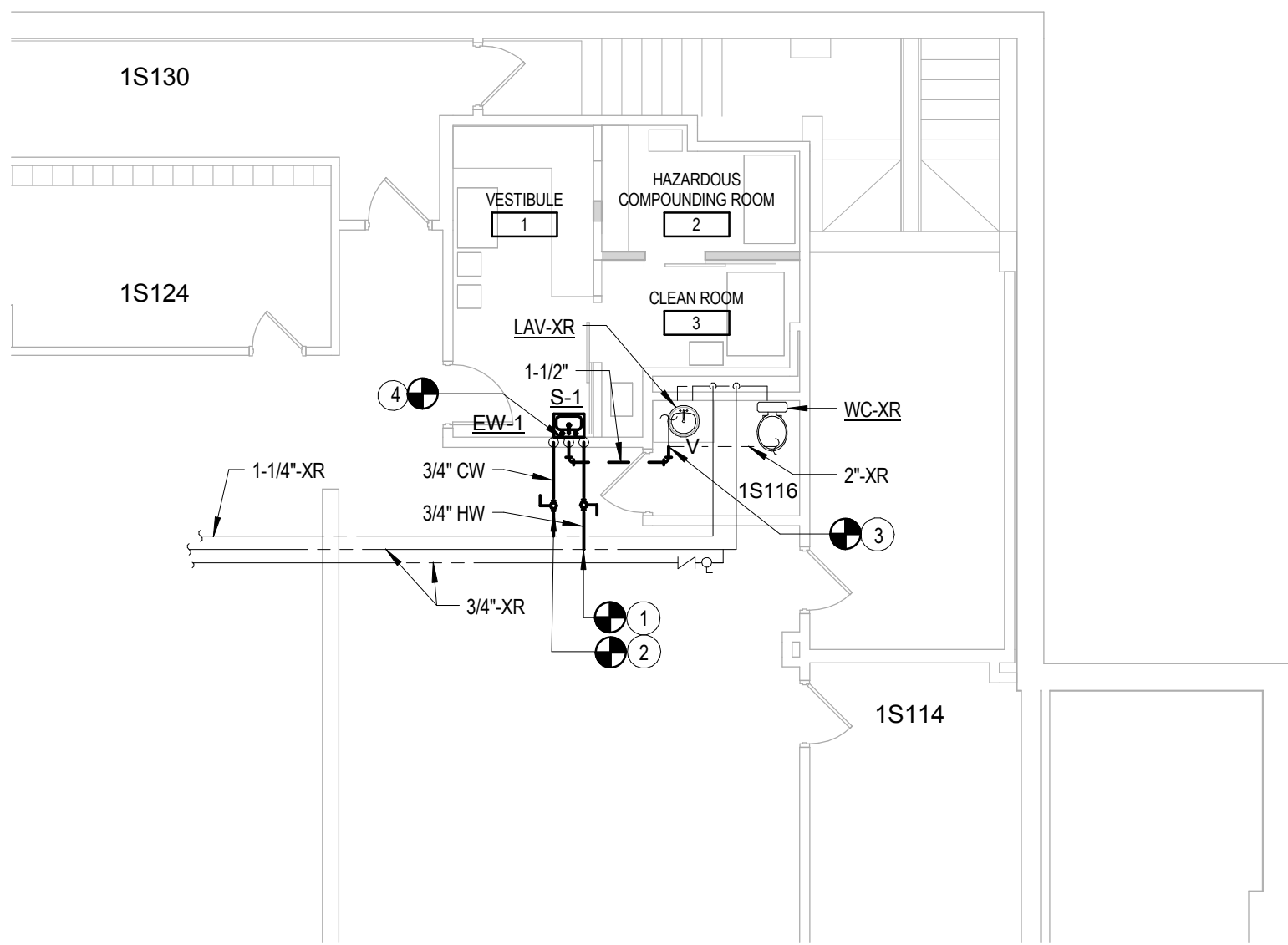


NOTES:

- 1" P" TRAP, TAILPIECE, AND FAUCET SUPPLIES NOT SHOWN FOR CLARITY.
- PROVIDE ALL REQUIRED SUPPLY TUBING REQUIRED FOR COMPLETE INSTALLATION.

1 TYPICAL SINK WITH PULL-DOWN EYE/FACEWASH

SCALE = N.T.S.



2 FIRST FLOOR PLAN - PLUMBING - NEW WORK
1/8" = 1'-0"

KEYED PLUMBING NOTES:

- CONNECT NEW 3/4" HOT WATER LINE TO EXISTING ABOVE THIS CEILING.
- CONNECT NEW 3/4" COLD WATER LINE TO EXISTING ABOVE THIS CEILING.
- CONNECT NEW 1-1/2" VENT TO EXISTING 2" VENT ABOVE THIS CEILING.
- CONNECT NEW 2" SAN TO EXISTING 2" SAN IN WALL PRIOR TO GOING BELOW FLOOR. DEMOLISH AND REPAIR EXISTING WALL AS NECESSARY TO ACCOMMODATE NEW SANITARY PIPING.

FULLY SPRINKLERED
ISSUED FOR CONSTRUCTION

| | | | | | | | | | | | | | | | | | |
|-------------------|--|---------------------|--|-------------|--|------------------------------|--|--|--|--|--|-------------------------------------|--|---|--|--|--|
| Revisions: | | CONSULTANTS: | | SEAL | | ARCHITECTS/ENGINEERS: | | Drawing Title SYMBOLS, SCHEDULES, NOTES, DETAILS AND FLOOR PLANS | | Project Title: ERIE VA PHARMACY IV PREP ROOM | | Project Number 562-13-105 | | Office of Construction and Facilities Management Department of Veterans Affairs | | | |
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| | | | | | | | | | | | | Drawing Number P101 | | | | | |
| | | | | | | | | | | | | Dwg. 5 of 9 | | | | | |