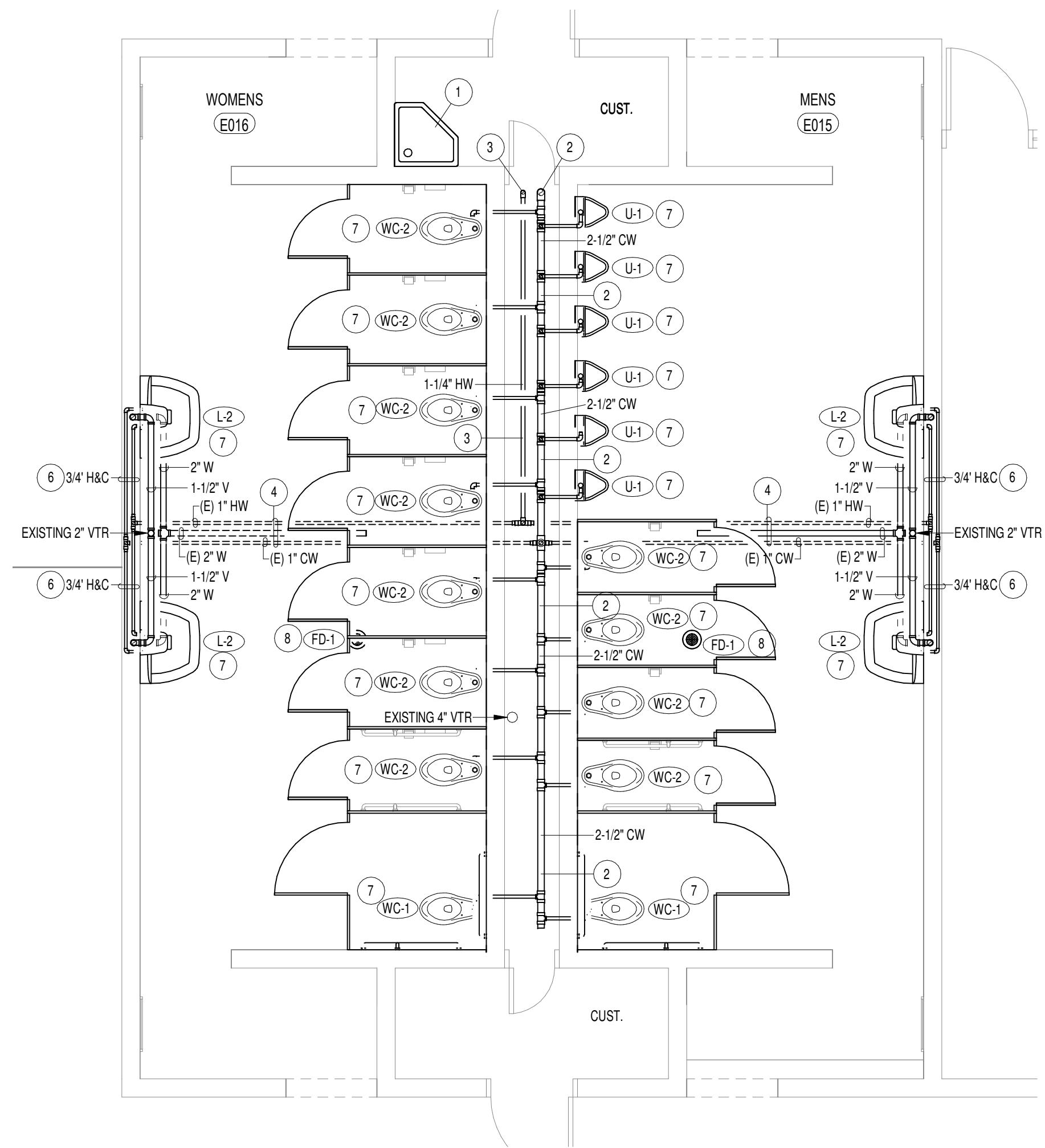
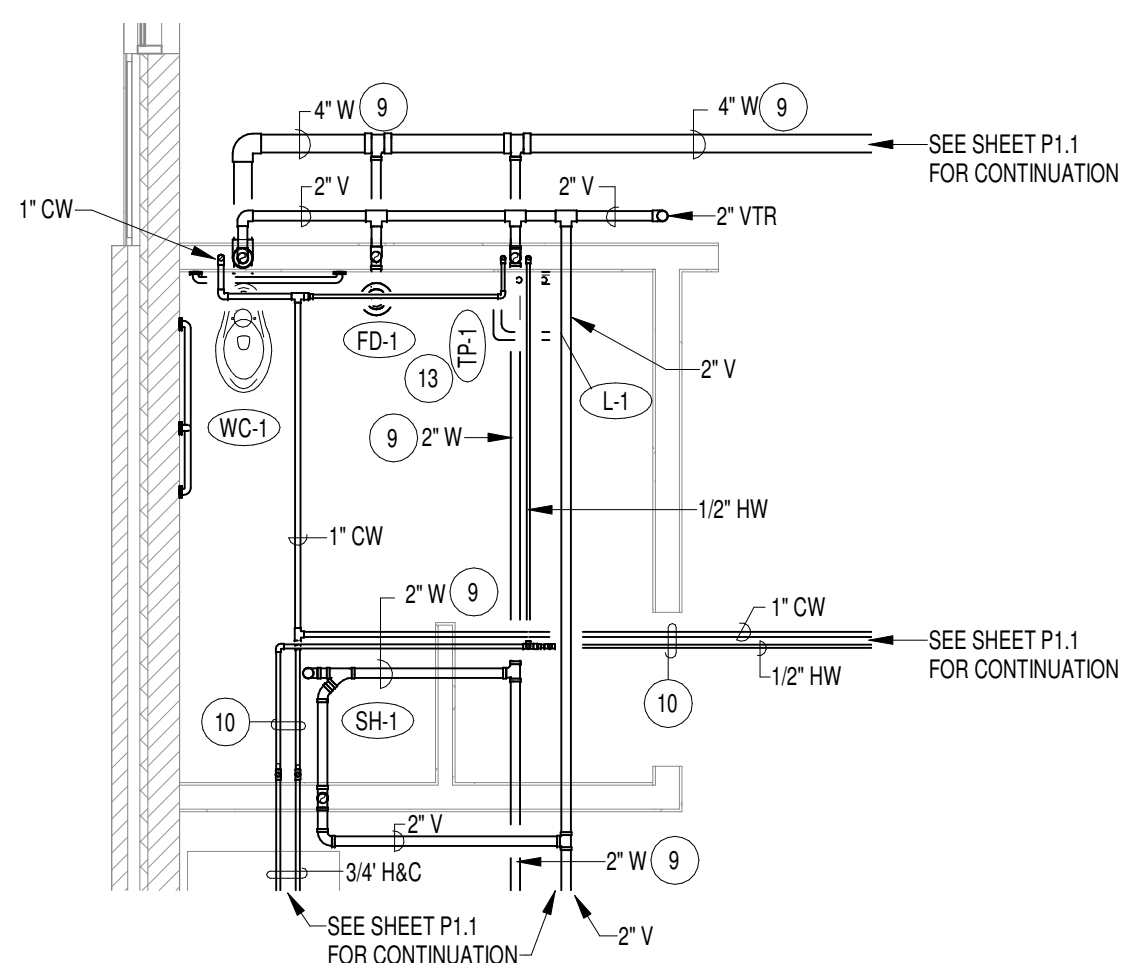


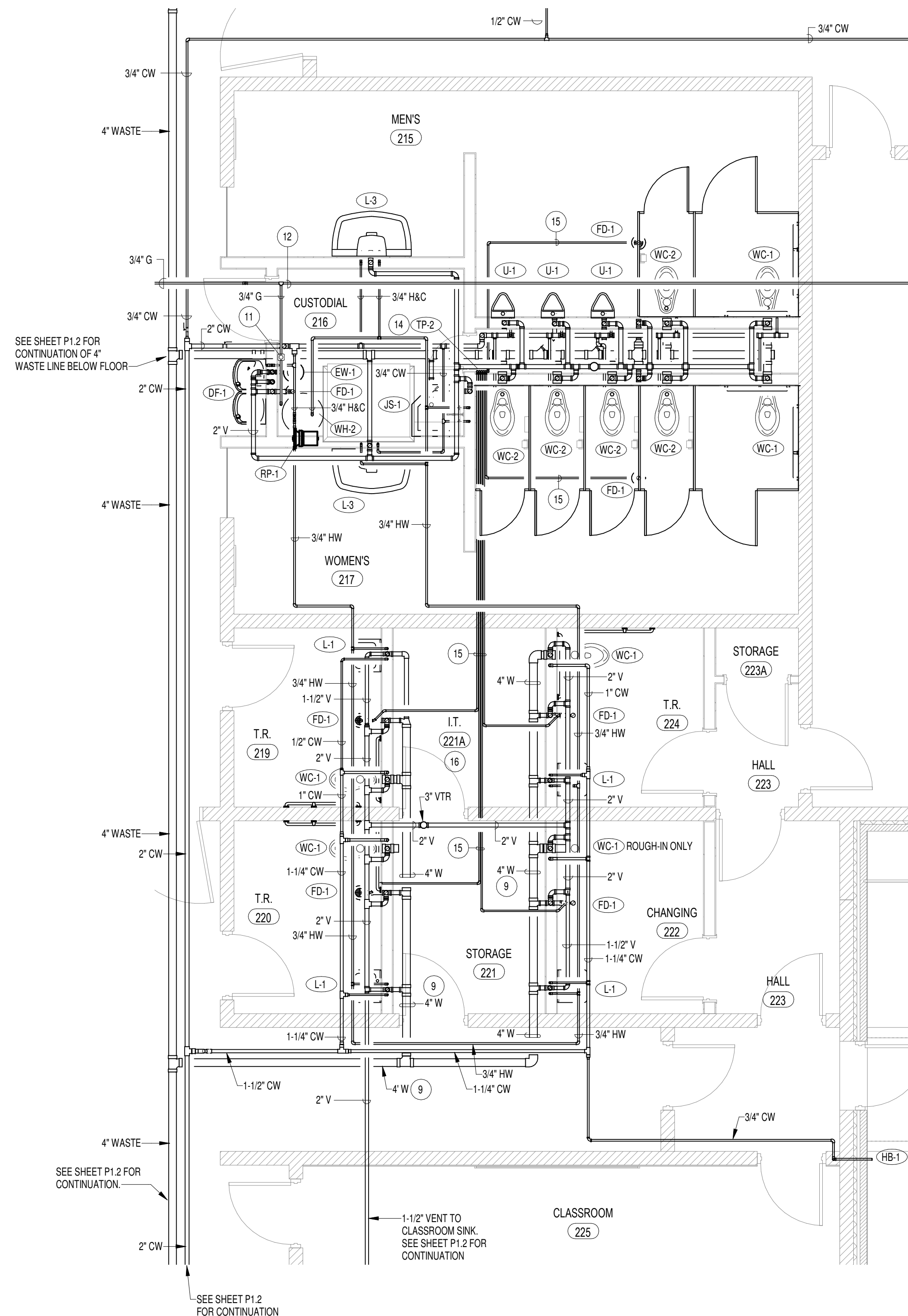
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PART 1 - LARGE SCALE TOILET ROOMS
SCALE: 1/4" = 1'-0"



PART 1 - ADMINISTRATION TOILET ROOMS
SCALE: 1/4" = 1'-0"

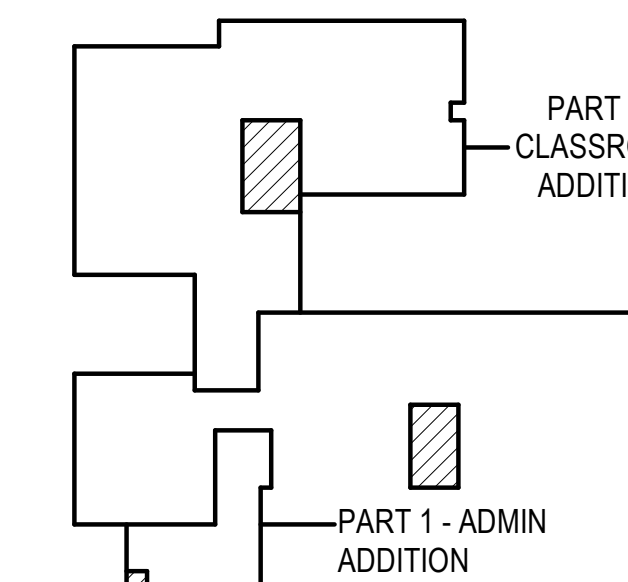


PART 2 - LARGE SCALE TOILET ROOMS
SCALE: 1/4" = 1'-0"

PLAN NOTES:

- EXISTING PLUMBING FIXTURE(S) AND ALL ASSOCIATE WASTE, WATER, AND VENT PIPING TO REMAIN. PROTECT FIXTURES AND PIPING DURING CONSTRUCTION.
- CUT EXISTING 2-1/2" COLD WATER LINE AT 6" ABOVE FLOOR. REPLACE ALL EXISTING 2-1/2" PIPING (OR LESSER DIAMETER PIPING) IN PLUMBING CHASE AND THRU WALLS TO EXISTING FIXTURES. ANY PIPING DOWN THRU FLOOR TO REMAIN. CUT AT 6" ABOVE FLOOR AND PROVIDE NEW EXTENSION TO CONNECT TO NEW 2-1/2" LINE. ALL PIPING IN EXISTING PLUMBING CHASE TO BE NEW UNLESS NOTED OTHERWISE.
- CUT EXISTING 1-1/4" HOT WATER LINE AT 6" ABOVE FLOOR. REPLACE ALL EXISTING 1-1/4" PIPING (OR LESSER DIAMETER PIPING) IN PLUMBING CHASE AND THRU WALLS TO EXISTING FIXTURES. ANY PIPING DOWN THRU FLOOR TO REMAIN. CUT AT 6" ABOVE FLOOR AND PROVIDE NEW EXTENSION TO CONNECT TO NEW 1-1/4" LINE. ALL PIPING IN EXISTING PLUMBING CHASE TO BE NEW UNLESS NOTED OTHERWISE.
- EXISTING 1" HOT AND COLD WATER PIPING, AND EXISTING 2" WASTE LINE BELOW FLOOR TO REMAIN. PROTECT DURING CONSTRUCTION.
- EXISTING 1" HOT AND COLD WATER PIPING 6" ABOVE FLOOR. CONNECT NEW 1" LINES TO CORRESPONDING PIPING AND RISE UP TO FIXTURE LEVEL.
- RUN NEW 3/4" HOT AND COLD WATER LINES THRU WALL TO NEW FIXTURE. FIELD VERIFY EXISTING CONDITIONS AND MODIFY PIPING AS REQUIRED TO GO AROUND EXISTING VENT AND WASTE PIPING.
- PROVIDE AND INSTALL NEW PLUMBING FIXTURE AS SPECIFIED. CONNECT NEW FIXTURE TO NEW WATER PIPING AND TO EXISTING WASTE AND VENT PIPING. ADJUST ROUGH-IN LOCATIONS OF EXISTING WASTE AND VENT PIPING AS REQUIRED TO CONNECT TO NEW FIXTURES. FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING WASTE AND VENT PIPING.
- PROVIDE NEW FLOOR DRAIN AND P-TRAP AS SPECIFIED. CONNECT TO EXISTING 2" WASTE PIPING BELOW FLOOR. CUT AND PATCH EXISTING CONCRETE FLOOR AS REQUIRED TO REPLACE DRAIN AND P-TRAP.
- RUN ALL WASTE PIPING BELOW FLOORS. GRADE AT 1/4" SLOPE PER FOOT. COORDINATE PIPING WITH FOOTING AND FOUNDATION WALLS.
- RUN NEW WATER PIPING IN CEILING SPACE. COORDINATE ACTUAL ROUTING OF PIPING WITH DUCTWORK, BUILDING STRUCTURE AND ELECTRICAL CONDUITS.
- RUN GAS PIPING ABOVE ROOF WITH PYRAMID TYPE SUPPORTS. REFER TO SHEET P1.2 FOR ROUTING OF GAS LINES TO EQUIPMENT. SEE DETAIL OM3.1 FOR TYPICAL SUPPORTS.
- PROVIDE PRESSURE REGULATOR IN 3/4" GAS LINE ABOVE ROOF. DROP 3/4" LOW PRESSURE GAS LINE DOWN THRU ROOF AND CONNECT TO WATER HEATER WITH SHUT-OFF VALVE AND FLEXIBLE HOSE. REFER TO DETAIL OP3.1 FOR TYPICAL GAS LINE CONNECTION.
- PROVIDE AND INSTALL SINGLE DRAIN TRAP PRIMER AS SPECIFIED AND MOUNT BELOW LAVATORY. REFER TO DETAIL EP3.1 FOR TYPICAL INSTALLATION. RUN 1/2" COLD WATER LINE BELOW FLOOR TO CORRESPONDING FLOOR DRAIN. TRAP PRIMER TO BE RECESSED IN WALL WITH LOCKING COVER.
- PROVIDE AND INSTALL MULTIPLE DRAIN TRAP PRIMER AS SPECIFIED ON WALL OF PLUMBING CHASE. TRAP PRIMER TO BE SURFACE MOUNTED WITH LOCKING COVER. REFER TO DETAIL MP3.1 FOR TYPICAL INSTALLATION. RUN 1/2" COLD WATER LINE BELOW FLOOR TO EACH INDIVIDUAL FLOOR DRAIN. CAP ALL UNUSED MANIFOLD PORTS.
- RUN 1/2" COLD WATER LINE (PEX PIPING) BELOW FLOOR FROM TRAP PRIMER MANIFOLD TO EACH INDIVIDUAL FLOOR DRAIN. REFER TO DETAIL MP3.1 FOR TYPICAL INSTALLATION. COORDINATE 1/2" COLD WATER LINE WITH OTHER PIPING BELOW FLOOR.

KEY PLAN



GENERAL NOTES:

- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.
- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
- DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.
- ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: April 12, 2018 ORIGINAL ON FILE AT:
ENGINEERED SYSTEMS ASSOCIATES 1355 EAST CENTER,
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ADDITION & REMODEL FOR:
HARWOOD ELEMENTARY
JEFFERSON JOINT SCHOOL DISTRICT NO. 251
200 W 3RD N, RIGBY, IDAHO 83442

PROJECT:
SHEET TITLE:

REVISIONS

| NO. | DESCRIPTION |
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PROJECT NO. 16070
DATE: APRIL 2019
DRAWN BY: M JENSEN
CHECKED BY: D SUDWEEKS

DRAWING NO.:

P2.1