

NOT FOR CONSTRUCTION PURPOSES

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ADDITION & REMODEL FOR:
MIDWAY ELEMENTARY
 JEFFERSON JOINT SCHOOL DISTRICT NO. 251
 623 N 3500 E, MENAN, IDAHO 83434

PROJECT:
 SHEET TITLE:

REVISIONS

PROJECT NO.
 16071
 DATE:
 FEBRUARY 2019
 DRAWN BY:
 M Jensen
 CHECKED BY:
 D Sudweeks

DRAWING NO.:

P1.1

PLAN NOTES:

- EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED WASTE, WATER AND VENT PIPING TO REMAIN. PROTECT FIXTURES AND PIPING DURING CONSTRUCTION.
- EXISTING WASTE PIPING IN TUNNELS BELOW FLOOR TO REMAIN. CONTRACTOR TO FIELD VERIFY (ON SITE) EXACT SIZES, ELEVATIONS, AND MATERIAL TYPE OF ALL WASTE LINES. ALL NEW WASTE PIPING CONNECTED TO EXISTING MUST MATCH EXISTING INVERT ELEVATION AND GRADE UP AT 1/4" PER FOOT SLOPE IN DIRECTION OF NEW FIXTURES.
- EXISTING 4" WASTE LINE BELOW FLOOR TO REMAIN. CONTRACTOR TO FIELD VERIFY EXACT LOCATION, SIZE AND ELEVATION OF EXISTING PIPING DURING CONSTRUCTION.
- DISCONNECT EXISTING WASTE LINE AT SIZE REDUCTION. EXTEND EXISTING 4" WASTE LINE TO NEW PLUMBING FIXTURES AS SHOWN ON PART 1 - PLUMBING FLOOR PLAN. NEW PIPING TO MATCH EXISTING INVERT ELEVATION AND GRADE UP AT 1/4" SLOPE PER FOOT IN DIRECTION OF NEW FIXTURES. REPLACE EXISTING 4" LINE AS NECESSARY TO ACHIEVE REQUIRED SLOPE IN NEW PIPING. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS.
- RUN NEW 4" WASTE LINE BELOW FLOOR OF NEW CONSTRUCTION. CONNECT TO NEW FIXTURES AS SHOWN. NEW PIPING TO MATCH INVERT ELEVATION OF EXISTING 4" WASTE LINE. REFER TO NOTE #4 FOR GRADING OF CW WASTE LINES.
- DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE AND ALL EXISTING WASTE, VENT AND WATER PIPING ASSOCIATED WITH FIXTURE. FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING PIPING.
- DISCONNECT AND REMOVE EXISTING WATER PIPING BELOW EXISTING FLOOR AS SHOWN. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING PIPING. REFER TO NOTE #9 FOR NEW 3/4" LINES TO BE CONNECTED TO EXISTING.
- EXISTING WATER PIPING IN TUNNELS BELOW FLOOR TO REMAIN. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATION OF EXISTING PIPING. PROTECT ALL EXISTING PIPING UNLESS NOTED OTHERWISE.
- CONNECT NEW 3/4" HOT WATER AND 3/4" COLD WATER PIPING TO EXISTING CORRESPONDING LINES IN TUNNEL BELOW FLOOR. RISE NEW PIPING UP IN NEW WALL TO ABOVE CEILING.
- RUN 3/4" HOT AND COLD LINES ABOVE CEILING TO NEW PLUMBING FIXTURES AS SHOWN. COORDINATE NEW PIPING WITH DUCTWORK AND ROOF JOISTS. REFER TO SHEET M.1 FOR NEW DUCTWORK.
- EXISTING ROOF DRAIN AND ROOF DRAIN PIPING IN CEILING SPACE TO REMAIN. FIELD VERIFY EXACT SIZES AND LOCATIONS AND PROTECT DURING CONSTRUCTION.
- DISCONNECT AND REMOVE EXISTING VENT PIPING FROM EXISTING FIXTURES BEING REMOVED. REMOVE EXISTING 2" VTR. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING VENT PIPING.
- COLLECT VENT PIPING FROM NEW PLUMBING FIXTURES AND RISE UP THRU ROOF WITH 2" VTR. COORDINATE ROUTING OF NEW VENT PIPING WITH NEW DUCTWORK AND ROOF JOISTS. REFER TO SHEET M.1 FOR DUCTWORK. VENT PIPING TO RUN THRU JOIST SPACE AS REQUIRED.
- GAS FIRED FURNACE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. PLUMBING CONTRACTOR TO RUN 3/4" DRAIN LINE WITH TRAP TO FLOOR DRAIN. ROUGH-IN AND CONNECT 3/4" GAS LINE TO FURNACE WITH SHUT-OFF VALVE AND FLEXIBLE HOSE. REFER TO DETAIL A.M1.1 FOR TYPICAL PIPING CONNECTIONS.
- CONNECT NEW 1" GAS LINE TO EXISTING 3" GAS LINE IN MECHANICAL ROOM. CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING GAS PIPING IN BUILDING.
- NEW 4" STEAM SUPPLY LINE IN AIR TUNNEL BELOW FLOOR TO BE INSTALLED BY MECHANICAL CONTRACTOR. (SEE SHEET M1.2)
- RISE NEW 4" STEAM LINE UP IN MECHANICAL ROOM. CONNECT TO EXISTING BOILER HEADER WITH SHUT-OFF VALVE. REMOVE EXISTING CAPPED ZONE PIPING TO CONNECT NEW ZONE PIPING. PROVIDE DRIP TRAP AT EACH DROP OR RISE IN PIPING. SEE DETAIL G.M3.1 FOR TRAP INSTALLATION.
- EXISTING AIR HANDLER AND ALL ASSOCIATED DUCTWORK AND PIPING IN MECHANICAL ROOM TO REMAIN UNLESS NOTED OTHERWISE. PROTECT DURING CONSTRUCTION. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS.
- RELOCATE EXISTING 3" STEAM LINE AND DRIP LEG AS REQUIRED TO MAINTAIN 3'-0" MINIMUM CLEARANCE IN FRONT OF ELECTRICAL PANEL AS REQUIRED BY CODE. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS.
- EXISTING STEAM BOILER AND ALL ASSOCIATED PIPING TO REMAIN UNLESS NOTED OTHERWISE. PROTECT EQUIPMENT AND PIPING DURING CONSTRUCTION.
- EXISTING CONDENSATE TANK AND PUMPS, AND ALL ASSOCIATED EXISTING PIPING TO REMAIN. PROTECT DURING CONSTRUCTION.
- EXISTING SUMP AND SUMP PUMP TO REMAIN. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND PROTECT EQUIPMENT AND PIPING DURING CONSTRUCTION.
- EXISTING GAS FIRED WATER HEATERS TO REMAIN. ALL ASSOCIATED GAS AND WATER PIPING TO REMAIN. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND PROTECT EQUIPMENT AND PIPING DURING CONSTRUCTION.
- EXISTING 3" COLD WATER SERVICE LINE TO BUILDING. PROTECT PIPING AND VALVES DURING CONSTRUCTION.
- OWNER TO DISCONNECT, REMOVE AND RE-INSTALL ALL KITCHEN EQUIPMENT AND FIXTURES AS REQUIRED FOR NEW FLOORING.

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. SUDWEIKS
 DATE ORIGINAL SIGNED: March 11, 2019 ORIGINAL ON FILE AT:
 ENGINEERED SYSTEMS ASSOCIATES 1355 EAST CENTER,
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PROFESSIONAL ENGINEER
 REGISTERED IN THE STATE OF IDAHO
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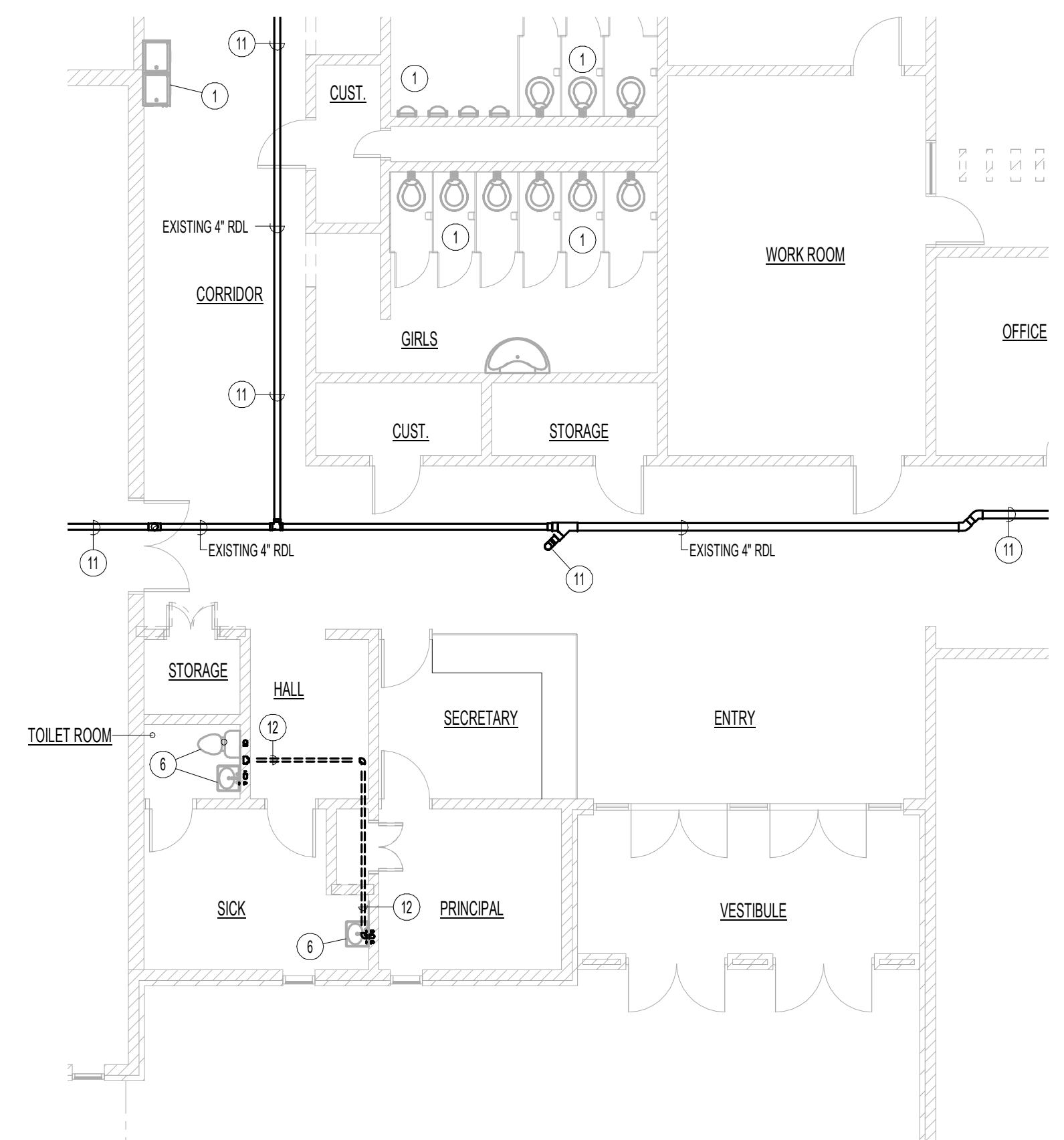
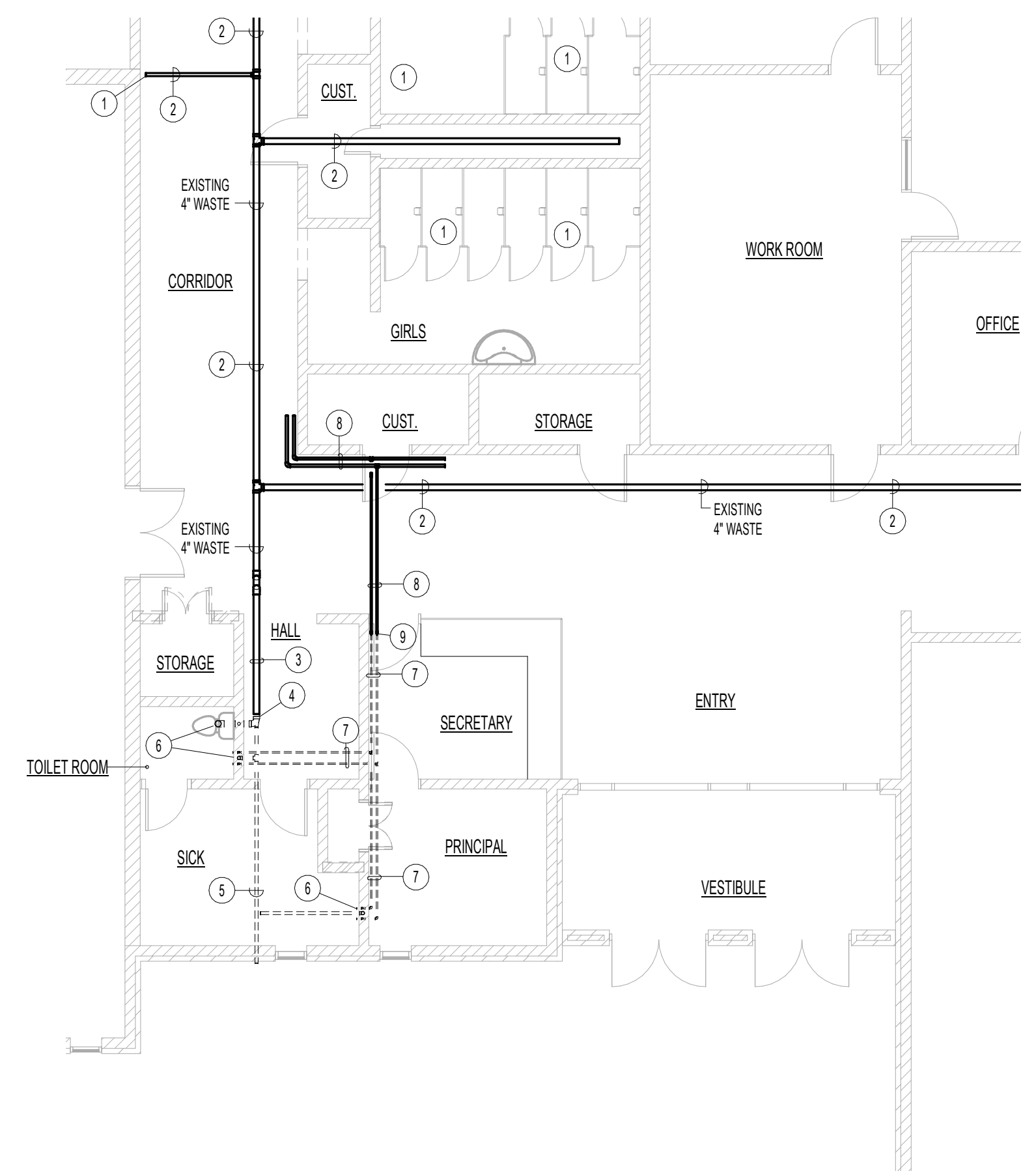
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PLAN NOTES:

- DISCONNECT AND REMOVE (2) EXISTING HOT WATER TANKS AND TANK STAND FROM BOILER ROOM. REMOVE ALL ASSOCIATED PIPING BACK TO BOILER WERE ACCESSIBLE AND CAP EXISTING PIPING WHICH REMAINS. EXISTING DOMESTIC WATER TO BE RECONNECTED TO NEW WELL. PRESSURE TANKS AS SHOWN IN PIPING DIAGRAM K.P3.1.
- EXISTING 3" (LOW PRESSURE) GAS LINE. CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION AND PROTECT EXISTING PIPING DURING CONSTRUCTION. CONNECT NEW 1" LINE TO EXISTING WITH SHUT-OFF VALVE. EXISTING 1" GAS PIPING TO WATER HEATERS TO REMAIN.
- PROVIDE TRAP PRIMER AS SPECIFIED BELOW LAVATORY. TRAP PRIMER TO BE RECESSED IN WALL WITH LOCKING COVER. REFER TO DETAIL L.P3.1 FOR TYPICAL INSTALLATION.
- PROVIDE AND INSTALL (3) WELL PRESSURE TANKS IN BOILER ROOM AND CONNECT TO EXISTING WATER PIPING AFTER EXISTING SAND SEPARATOR. REFER TO PIPING DIAGRAM K.P3.1 FOR TYPICAL PIPE CONNECTIONS.

PART 1 - FOUNDATION DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

North



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

North

PART 1 - PLUMBING FLOOR PLAN
 SCALE: 1/8" = 1'-0"

North

