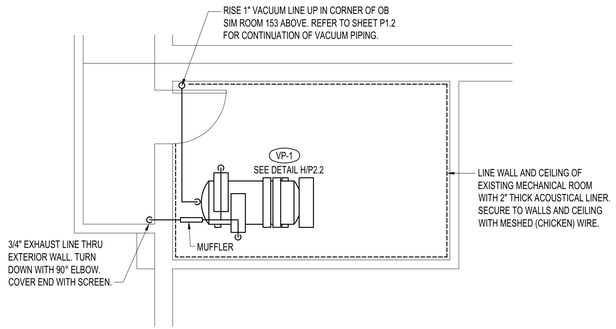
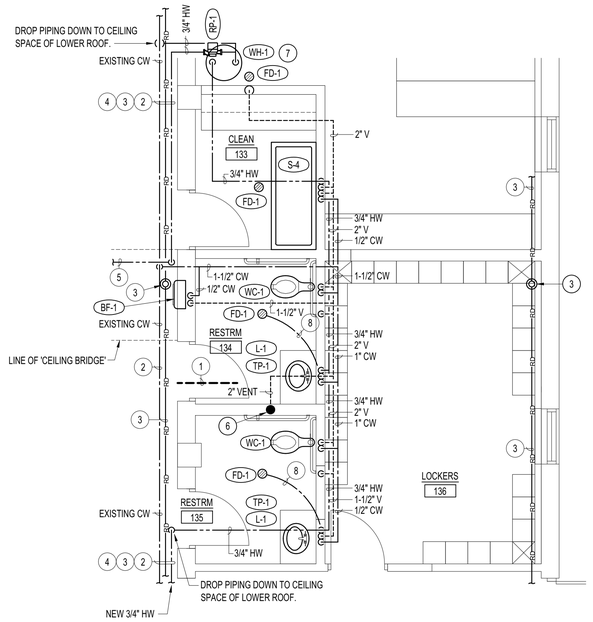


LARGE SCALE MECHANICAL ROOM

SCALE: 1/4" = 1'-0"



LARGE SCALE TOILET ROOMS

SCALE: 1/4" = 1'-0"

PLAN NOTES:

1. APPROXIMATE LOCATION OF EXISTING 4" DOMESTIC WASTE LINE BELOW FLOOR. CONTRACTOR TO FIELD VERIFY EXACT SIZE, LOCATION AND ELEVATION OF EXISTING WASTE LINE. MATCH NEW WASTE LINES WITH EXISTING ELEVATION. REFER TO UNDER FLOOR PIPING PLAN ON SHEET P1.2 FOR NEW PIPING TO FIXTURES. EXISTING CONCRETE FLOOR TO BE CUT AND PATCHED FOR NEW WASTE PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR ACTUAL TRENCH LOCATIONS.
2. PROTECT EXISTING PIPING ALONG WALLS TO OTHER SECTIONS OF BUILDING. FIELD VERIFY SIZES AND LOCATIONS OF EXISTING PIPING TO REMAIN. RE-INSULATE ALL EXISTING PIPING WITH FIBERGLASS INSULATION.
3. EXISTING ROOF DRAIN AND ROOF DRAIN PIPING TO REMAIN. PROTECT DURING CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR NEW ROOF WORK. REMOVE ROOF DRAIN AS REQUIRED FOR NEW ROOF PATCHING AND RE-INSTALL AFTER WORK HAS BEEN COMPLETED. RE-INSULATE ALL EXISTING PIPING WITH FIBERGLASS INSULATION.
4. RUN NEW WATER PIPING ALONG WITH EXISTING PIPING. FIELD VERIFY EXISTING CONDITIONS AND ELEVATIONS OF EXISTING EXPOSED PIPING AND MATCH NEW PIPING WITH EXISTING.
5. ALL PIPING TO CROSS CORRIDORS ABOVE 'CEILING BRIDGE'. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF 'CEILING BRIDGES'. KEEP ALL PIPING AS LOW AS POSSIBLE ABOVE CEILINGS. COORDINATE PIPING WITH LIGHT FIXTURES AND WITH DUCTWORK SHOWN ON SHEET M1.2.
6. EXISTING 2" VENT THRU ROOF TO REMAIN. CONNECT NEW 2" VENT PIPING TO EXISTING VTR. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING VTR AND PROVIDE FITTINGS AS REQUIRED FOR CONNECTION.
7. PROVIDE AND INSTALL NEW ELECTRIC WATER HEATER AS SPECIFIED. HEATER TO BE COMPLETE WITH THERMAL EXPANSION TANK, HEAT TRAP NIPPLES, RECIRULATING PUMP, AND MIXING VALVE. REFER TO DETAIL C/P2.2 FOR TYPICAL PIPING CONNECTIONS.
8. 1/2" 'PEX' COLD WATER LINES BELOW FLOOR FROM TRAP PRIMER TO FLOOR DRAIN. REFER TO DETAIL A/P2.2 FOR TYPICAL PIPE CONNECTIONS.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Oct 30, 2020
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
1355 EAST CENTER, POCATELLO, IDAHO 83201

PROFESSIONAL ENGINEER REGISTERED 18762 10/30/20 STATE OF IDAHO DWAYNE C. SUDWEEKS

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ESA JOB NUMBER: 19069

DBS APPROVAL

BUILDING SAFETY

BLD2009-00014

REVIEWED FOR CODE COMPLIANCE

This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.

SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION

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COT NURSING DPW#17240, RFC BUILDING
IDAHO STATE UNIVERSITY
777 MEMORIAL DRIVE, POCATELLO, IDAHO

LARGE SCALE PLUMBING PLANS

REVISIONS:

DATE: OCT 20

JOB NO. 1912

DRAWING NO. **P2.1**

OF

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