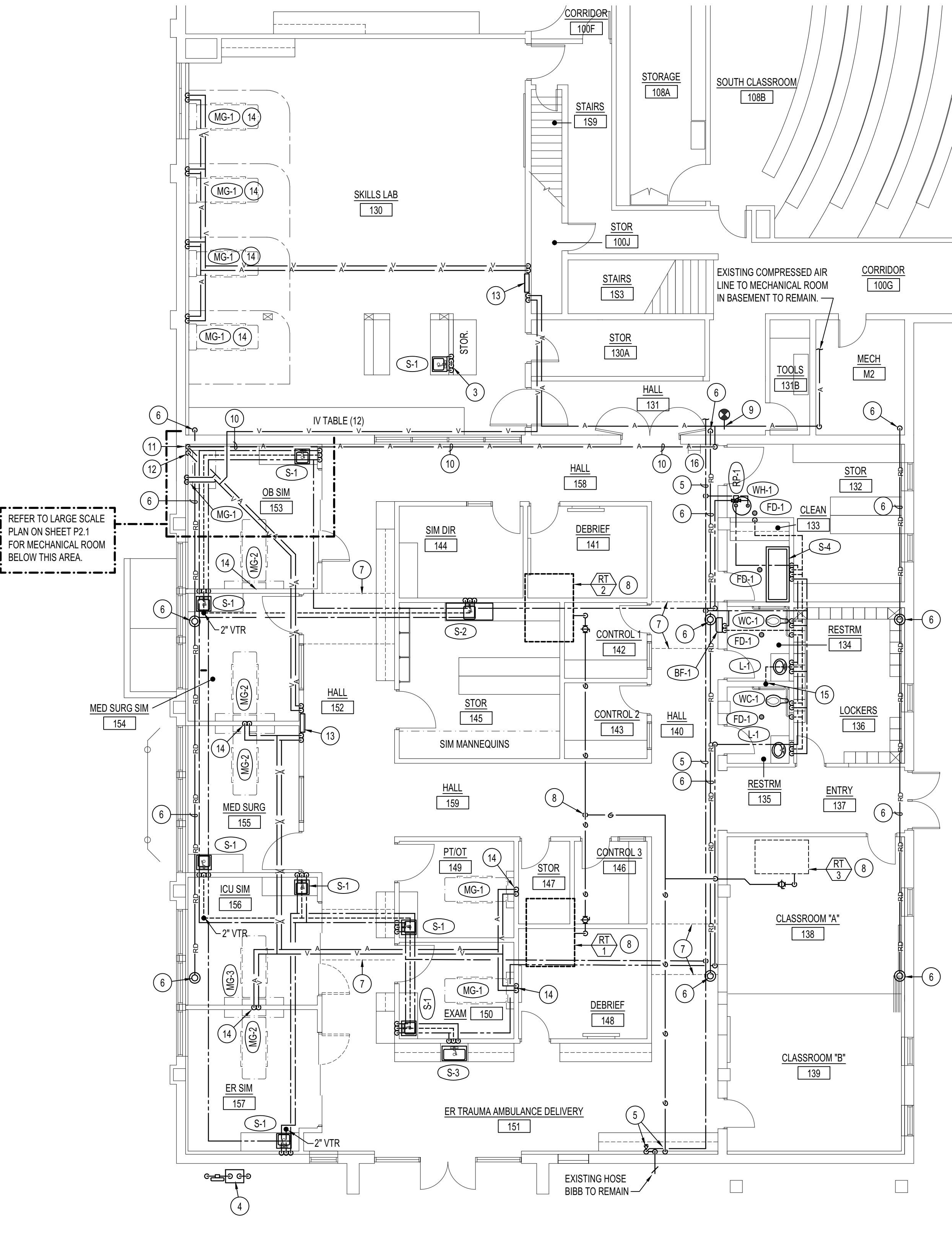
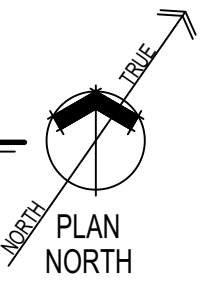


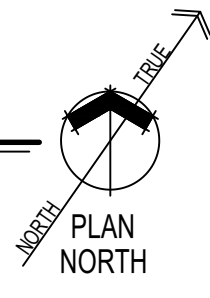
**UNDER FLOOR PIPING PLAN**

SCALE: 1/8" = 1'-0"



**PLUMBING FLOOR PLAN**

SCALE: 1/8" = 1'-0"

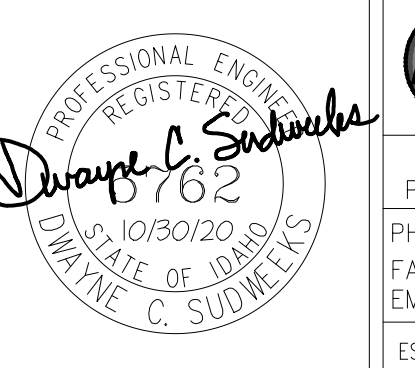


**PLAN NOTES:**

- 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 AND RUN TO FIXTURES AS SHOWN.
- 2 EXISTING CONCRETE FLOOR TO BE CUT AND PATCHED FOR NEW WASTE PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR ACTUAL TRENCH LOCATIONS. RUN NEW WASTE PIPING IN TRENCHES AS SHOWN AND CONNECT TO NEW FIXTURES.
- 3 NEW SINK LOCATED OVER BASEMENT MECHANICAL ROOM. DROP 1/2" HOT AND COLD WATER LINES AND 1-1/2" WASTE AND VENT PIPING DOWN THRU FLOOR AND CONNECT TO CORRESPONDING PIPING IN MECHANICAL ROOM. CONTRACTOR TO FIELD VERIFY EXACT LOCATION AND EXISTING EXPOSED PIPING IN MECHANICAL ROOM AND PROVIDE PIPE AND FITTINGS AS REQUIRED FOR CONNECTION. REFER TO DETAIL FP2.2 FOR TYPICAL ISLAND SINK VENTING.
- 4 EXISTING GAS METER TO REMAIN. PROTECT DURING CONSTRUCTION. GAS COMPANY TO ADJUST EXISTING METER FOR NEW 500,000 BTU LOAD. METER TO HAVE 0.5 PSI DISCHARGE PRESSURE. EXISTING GAS PIPING BELOW GRADE TO REMAIN AND PROTECT EXISTING GAS PIPING DURING CONSTRUCTION.
- 5 EXISTING GAS LINE AND EXISTING COLD WATER SERVICE LINE UP HALL AND ABOVE EXISTING CEILING TO REMAIN. PROTECT EXISTING PIPING ALONG WALLS TO OTHER SECTION OF BUILDING. FIELD VERIFY SIZES AND LOCATIONS OF EXISTING PIPING TO REMAIN. EXISTING EXTERIOR HOSE BIBB TO REMAIN. RECONNECT 3/4" COLD WATER LINE INSIDE BUILDING WITH NEW SHUT-OFF VALVE. NEW CONNECTION AND VALVE TO BE WITHIN NEW FURRED WALL WITH ACCESS DOOR FOR VALVE. RE-INSULATE ALL EXISTING WATER LINES.
- 6 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 ROOF DRAIN PIPING BELOW ROOF.
- 7 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.
- 8 NEW GAS FIRED ROOF TOP UNITS FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. PLUMBING CONTRACTOR TO CONNECT NEW 1" GAS LINE TO EXISTING GAS PIPING ABOVE EXISTING CEILING. RUN TO ABOVE NEW UNIT LOCATION AND RISE UP THRU ROOF. PROVIDE SHUT-OFF VALVE AND FLEXIBLE HOSE ABOVE ROOF AT POINT OF CONNECTION. REFER TO DETAIL BP2.2 FOR TYPICAL GAS LINE CONNECTION.
- 9 CONNECT NEW 3/4" COMPRESSED AIR LINE TO EXISTING 3/4" LINE AT THIS POINT. PROVIDE FITTINGS AS REQUIRED FOR CONNECTION. EXTEND NEW LINE THRU EXISTING WALL AND RISE UP TO ABOVE EXISTING CEILING.
- 10 RUN NEW 3/4" COMPRESSED AIR LINE THRU ATTIC SPACE AS SHOWN. COORDINATE WITH BUILDING STRUCTURE.
- 11 DROP 3/4" COMPRESSED AIR LINE DOWN IN CORNER AS SHOWN TO JUST ABOVE CEILING. RUN JUST ABOVE CEILING AS SHOWN TO EMERGENCY SHUT-OFF VALVE IN HALLWAY 152.
- 12 RISE NEW 1" VACUUM LINE UP. FROM MECHANICAL ROOM BELOW, IN CORNER (IN FURRED WALL) OF OB SIM ROOM 153 TO JUST ABOVE CEILING. RUN ABOVE CEILING ALONG WITH AIR PIPING TO EMERGENCY SHUT-OFF VALVES IN HALLWAY 152.
- 13 DROP 3/4" COMPRESSED AIR AND 1" VACUUM LINES DOWN IN WALL AND CONNECT TO EMERGENCY SHUT-OFF VALVES. RISE PIPING BACK UP AND RUN TO INDIVIDUAL ROOMS AS SHOWN. REFER TO DETAIL DP2.2 FOR TYPICAL EMERGENCY VALVE INSTALLATION.
- 14 DROP 3/4" COMPRESSED AIR LINE AND 3/4" VACUUM LINE DOWN IN WALL. CONNECT COMPRESSED AIR TO BOTH MEDICAL AIR OUTLET(S) AND TO OXYGEN OUTLET(S) IN HEADBOARD. CONNECT VACUUM LINE TO VACUUM OUTLET. VERIFY IF HEADBOARD IS PRE-PIPED AND PROVIDE FITTINGS AS REQUIRED TO MAKE CONNECTIONS. REFER TO DETAIL EP2.2 FOR TYPICAL MED GAS OUTLET INSTALLATION.
- 15 CONNECT NEW 2" VENT FROM NEW FIXTURES TO EXISTING 2" VTR. CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING VTR.
- 16 REPLACE EXISTING GATE VALVE ON COLD WATER LINE WITH NEW BALL VALVE. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING VALVE AND PROVIDE NEW TO MATCH.

GENERAL NOTE:  
CONTRACTOR MUST COORDINATE SCHEDULE WITH ISU AND PROVIDE TWO WEEKS NOTICE FOR ANY UTILITY OUTAGES.

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



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ESA JOB NUMBER: 19069

**DBS APPROVAL**

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

**PLUMBING FLOOR PLANS**

REVISIONS:

DATE: OCT 20  
DRAWING NO: **P1.2**  
JOB NO: 1912