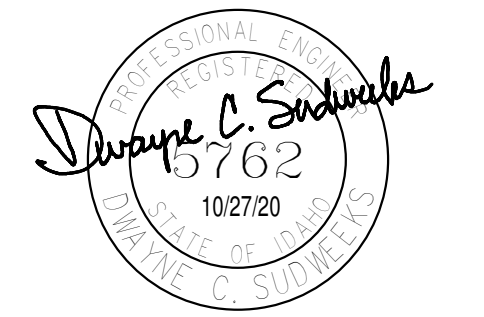


- PLAN NOTES:**
- EXISTING COLD WATER SERVE LINE TO BUILDING TO REMAIN. PROTECT PIPING DURING CONSTRUCTION AND MAINTAIN CONNECTION TO EXISTING FIRE RISER AND DOMESTIC WATER.
  - EXISTING WASTE PIPING IN TUNNELS AND BELOW FLOOR TO REMAIN. DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE ABOVE AS CALLED OUT ON SHEET P100. CAP ALL WASTE, WATER AND VENT PIPING IN BELOW FLOOR AS REQUIRED. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS AND SIZES OF EXISTING PIPING AND PROVIDE FITTINGS AS REQUIRED TO CAP.
  - EXISTING ROOF DRAIN PIPING BELOW FLOOR TO REMAIN. PROTECT PIPING DURING CONSTRUCTION. MAINTAIN CONNECTION TO ALL EXISTING VERTICAL RISERS. REFER TO SHEET P101 FOR ROOF DRAIN PIPING ABOVE FLOOR. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS AND DEPTH OF EXISTING PIPING AND COORDINATE WITH NEW WASTE PIPING AND TRENCH DRAIN SYSTEM.
  - EXISTING FLOOR DRAIN OR FLOOR SINK TO REMAIN. COVER EXISTING DRAIN TO KEEP CLEAN. PROTECT DRAIN AND VENT PIPING DURING CONSTRUCTION. MAINTAIN ANY EXISTING COLD WATER PIPING TO TRAP PRIMER AND/OR ANY FLOOR CLEAN OUT ASSOCIATED WITH DRAIN OR FLOOR SINK.
  - EXISTING PLUMBING FIXTURE ABOVE TO REMAIN. (REFER TO SHEET P100) PROTECT DURING CONSTRUCTION AND MAINTAIN PIPING CONNECTION TO EXISTING FIXTURE.
  - RISE 2\"/>
  - PROVIDE AND INSTALL NEW PLUMBING FIXTURE AS SPECIFIED. DROP WASTE PIPING DOWN THRU FLOOR AND CONNECT TO EXISTING WASTE PIPING OF EQUAL OR LARGER SIZE. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING PIPING. PROVIDE NEW FITTINGS AS REQUIRED FOR CONNECTIONS.
  - CONNECT NEW 4\"/>
  - REFER TO ARCHITECTURAL DRAWINGS FOR CUTTING AND PATCHING OF EXISTING CONCRETE FLOORS FOR NEW WASTE PIPING. COORDINATE PIPING WITH EXISTING PIPING AND WITH EXISTING FOOTINGS AND FOUNDATION WALLS.
  - EXISTING STEAM AND CONDENSATE RETURN LINES RISING THRU FLOOR AND IN PIPE TUNNELS TO REMAIN. PROTECT DURING CONSTRUCTION.
  - EXISTING FINTURE HEATERS ABOVE TO REMAIN. MAINTAIN PIPING CONNECTION TO UNIT. EXISTING ZONE VALVE TO REMAIN SHUT-OFF.
  - DISCONNECT AND REMOVE EXISTING FINTURE HEATER ABOVE FLOOR. (SEE SHEET M100) REMOVE EXISTING PIPING THRU FLOOR AND IN PIPE TUNNEL.
  - DISCONNECT AND REMOVE EXISTING STEAM AND CONDENSATE RETURN PIPING IN PIPE TUNNEL. CAP EXISTING BRANCH LINE(S) NEAR MAIN PIPE AS SHOWN. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING PIPING.
  - EXISTING FLOOR GRILLE AND BOOT TO REMAIN. PROTECT DURING CONSTRUCTION. KEEP GRILLE AND BOOT CLEAN OF ANY DEBRIS. COORDINATE NEW WORK WITH EXISTING GRILLES AND BOOTS.
  - EXISTING FLOOR GRILLE AND BOOT TO BE REMOVED. PROVIDE AND INSTALL NEW FLOOR GRILLES AS CALLED OUT ON SHEET M101. COORDINATE PATCHING OF EXISTING CONCRETE FLOOR WITH GENERAL CONTRACTOR. (REFER TO ARCHITECTURAL SHEETS.) SEAL ALL UNDER FLOOR DUCTS AIR TIGHT.
  - EXISTING RETURN DUCT BELOW FLOOR TO REMAIN UNLESS NOTED OTHERWISE. DISCONNECT AND REMOVE EXISTING GRILLES AS CALLED OUT ON SHEET M100 AND SEAL DUCT AIR TIGHT. PROVIDE NEW RETURN AIR BOOTS UP TO NEW GRILLES AS SHOWN ON SHEET M101. ABANDON ANY UNUSED DUCTWORK BELOW FLOOR.
  - EXISTING SNOW MELT SYSTEM IN CONCRETE TO BE ABANDONED. DISCONNECT AND REMOVE EXISTING PIPING MANIFOLDS AND METAL COVERS BELOW GRADE. REFER TO ARCHITECTURAL DRAWINGS FOR PATCHING OF EXISTING CONCRETE PAD. REFER TO SHEET M100 FOR REMOVAL OF EXISTING PIPING INSIDE BUILDING.
  - PROVIDE AND INSTALL 1000 GALLON SAND AND GREASE INTERCEPTOR AS SPECIFIED. PLACE INTERCEPTOR BELOW GRADE WITH (2) 24\"/>
  - PROVIDE 12\"/>
  - PROVIDE 12\"/>
  - PROVIDE AND INSTALL 1000 GALLON SOLIDS INTERCEPTOR AS SPECIFIED. PLACE INTERCEPTOR BELOW GRADE WITH (2) 24\"/>
  - PROVIDE 24\"/>
  - RUN NEW 1-1/4\"/>
  - CORE DRILL EXISTING CONCRETE FOUNDATION WALL AS REQUIRED TO INSTALL NEW SNOWMELT PIPING. SEAL WATER TIGHT AROUND NEW PIPING. FIELD VERIFY EXISTING CONDITIONS.
  - CONNECT NEW 2\"/>
  - DROP 1-1/2\"/>

**1 MECH & PLBG FOUNDATION PLAN**  
 P100 1/16" = 1'-0"



UNLESS A PROFESSIONAL SEAL WITH SIGNATURE AND DATE IS APPLIED, THIS DOCUMENT IS PRELIMINARY AND IS NOT INTENDED FOR CONSTRUCTION, RECORDING PURPOSES, OR IMPLEMENTATION.



**Engineered Systems Associates**  
 ESA JOB NUMBER 20048

THE DESIGNS SHOWN AND DESCRIBED HEREIN INCLUDING ALL TECHNICAL DRAWINGS, GRAPHIC REPRESENTATIONS & MODELS THEREOF, ARE PROPRIETARY & CAN NOT BE COPIED, DUPLICATED, OR COMMERCIALLY EXPLOITED IN WHOLE OR IN PART WITHOUT THE SOLE AND EXPRESS WRITTEN PERMISSION FROM METHOD STUDIO INC.

project:  
**BYUI Engineering Technology Center (ETC)**

project#: 20.0220  
 byuidaho project#: 12005  
 date: oct. 27, 2020

revisions:

title:  
**FOUNDATION MECHANICAL AND PLUMBING PLAN**

sheet:  
**P100**  
 100% construction documents