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project

**BAY 3 REFIT PROJECT**

PROJECT ADDRESS

drawing dessin

**LEVEL 4 MECHANICAL ROOM M6 PHASE 1 UTILITIES DEMOLITION & NEW WORK**

Designed By J.ALEXANDER Conçu par

Date (2021/08/17)

Drawn By R.CAMERON Dessiné par

Date (2021/08/17)

Reviewed By J.ALEXANDER Examiné par

Date (2021/08/17)

Approved By J.ALEXANDER Approuvé par

Date (2021/08/17)

Tender M. LACHOWICZ Soumission

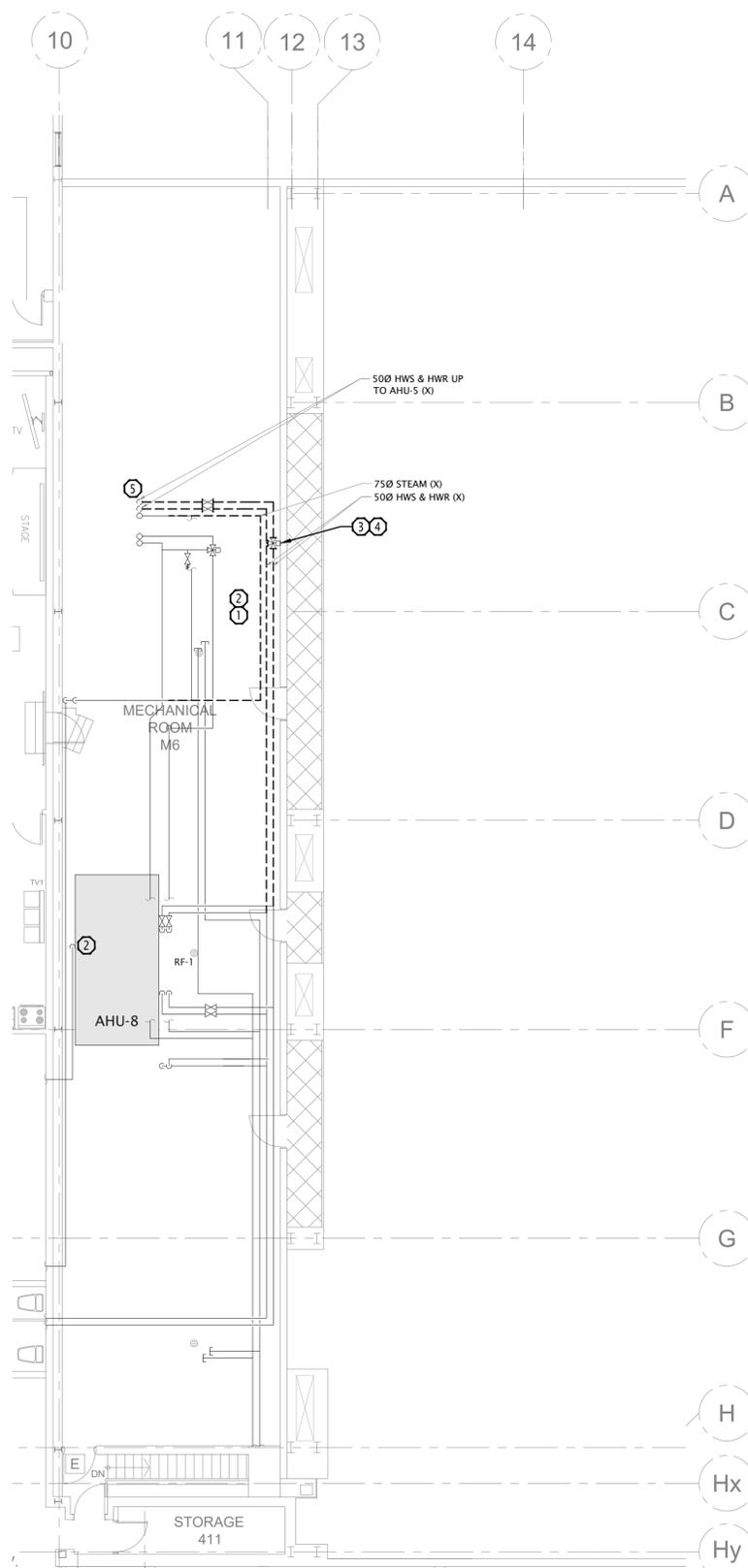
Project Manager Administrateur de projets

Project no. No. du projet

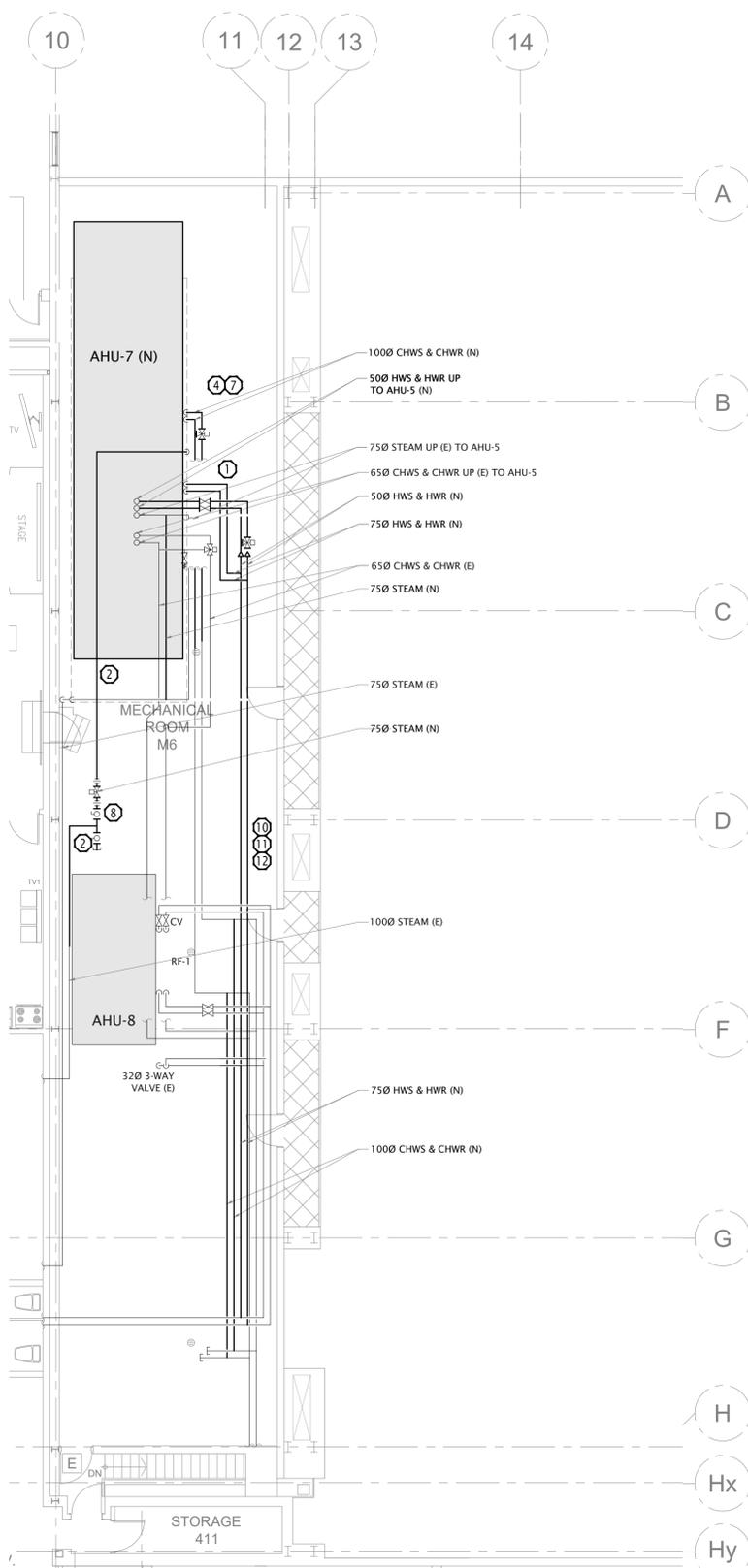
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Drawing no. No. du dessin

**M06**



- DESCRIPTION OF UTILITIES DEMOLITION:**
- REMOVE EXISTING HEATING WATER SUPPLY & RETURN PIPING C/W ASSOCIATED VALVES & ACCESSORIES.
  - REMOVE EXISTING STEAM PIPING C/W ASSOCIATED ACCESSORIES. LOCK OUT STEAM HUMIDIFIER DURING WORK.
  - REMOVE & RETAIN THREE-WAY CONTROL VALVE SERVING AHU-5.
  - ALL CONTROLS SHALL BE DISCONNECTED BY BASE BUILDING CONTROLS CONTRACTOR PRIOR TO REMOVAL.
  - PRIOR TO START OF DEMOLITION WORK, CONTRACTOR TO ROUGH IN ALL WORK ASSOCIATED WITH AHU-5 (E) LOCATED ON ROOF TO MINIMIZE SHUTDOWN PERIOD.



- DESCRIPTION OF UTILITIES NEW WORK:**
- PROVIDE NEW HEATING WATER SUPPLY & RETURN & CHILLED WATER SUPPLY & RETURN PIPING C/W THERMAL INSULATION, IDENTIFICATION & ASSOCIATED VALVES & ACCESSORIES. PROVIDE JACKET.
  - PROVIDE NEW STEAM PIPING C/W THERMAL INSULATION, JACKET, IDENTIFICATION & ASSOCIATED VALVES & ACCESSORIES.
  - PROVIDE SYSTEM TAGGING & IDENTIFICATION.
  - PROVIDE NEW 3-WAY CONTROL VALVES ON NEW CHILLED WATER AND HOT WATER COILS FOR NEW AHU-7.
  - PATCH AND REPAIR INSULATION WHERE REQUIRED.
  - PROVIDE SYSTEM TESTING, CLEANING, AND FLUSHING.
  - REFERENCE DETAIL 3/M2 FOR ADDITIONAL CONNECTION DETAILS TO HOT WATER AND CHILLED WATER COILS.
  - PROVIDE NEW STEAM CONTROL VALVE ON HUMIDIFICATION LOW PRESSURE STEAM PIPE. VALVE SHALL BE 24V MODULATING, 2-WAY, MOTORIZED CONTROL VALVE.
  - PROVIDE SYSTEM TESTING & BALANCING.
  - REINSTALL AHU-5 CONTROL VALVE C/W ACCESSORIES.
  - PROVIDE NEW BAS CONTROLS & INTEGRATION. REFER TO SPECIFICATIONS FOR DETAILS.
  - BASE BUILDING CONTROLS CONTRACTOR SHALL RECONNECT REMOVED CONTROLS, TEST & VERIFY OPERATION.

**1** LEVEL 4 MECHANICAL ROOM M6 PHASE 1 UTILITIES DEMOLITION  
M06 Scale: 1:100

**2** LEVEL 4 MECHANICAL ROOM M6 PHASE 1 UTILITIES NEW WORK  
M06 Scale: 1:100