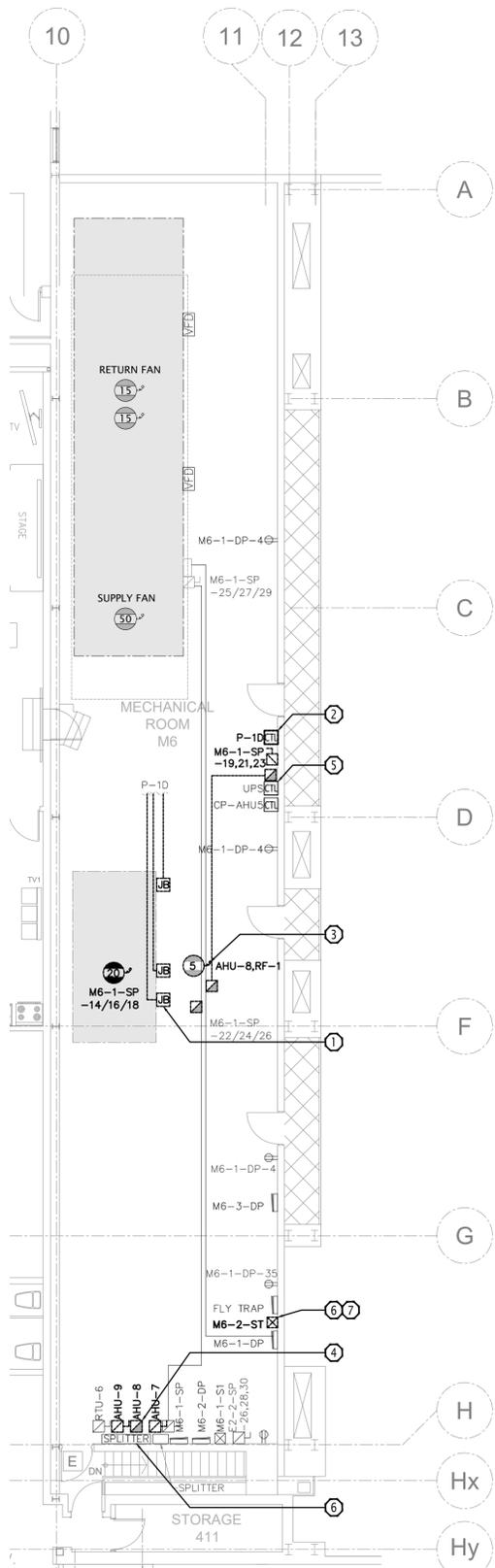


DESCRIPTION OF POWER & SYSTEMS DEMOLITION:

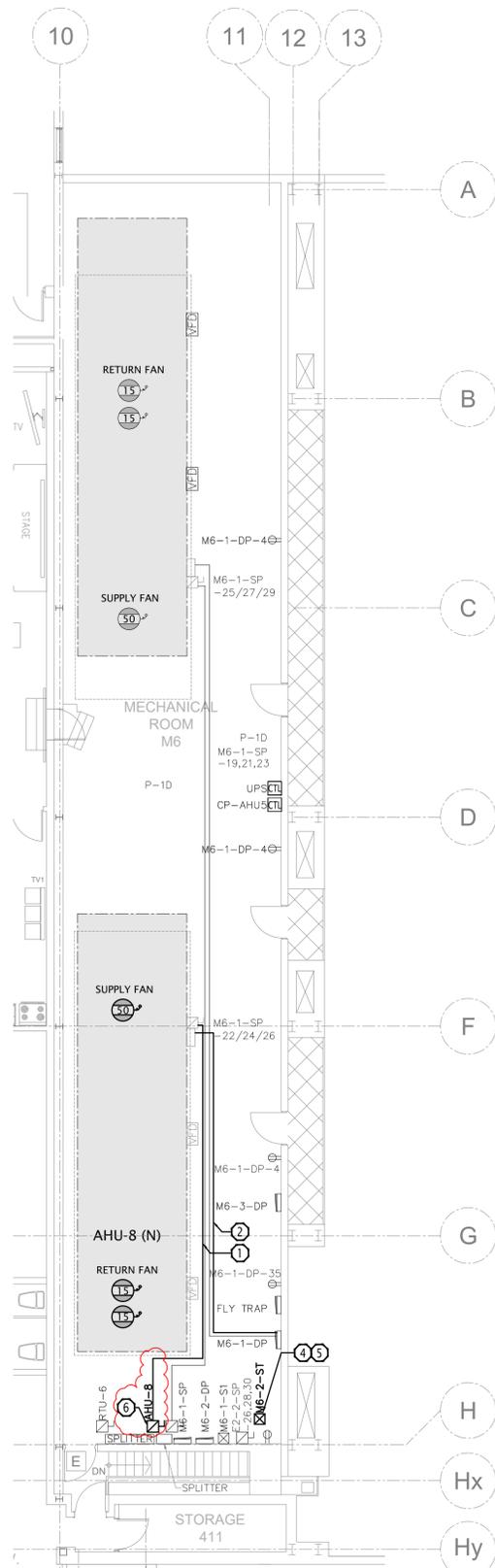
- 1 DISCONNECT AHU-8 C/W CONDUIT AND WIRING BACK TO SOURCE. COORDINATE WITH MECHANICAL TRADES.
- 2 DISCONNECT AND REMOVE CONTROL PANELS P1-D AND UPS C/W CONDUIT AND WIRING TO CONTROL PANEL AHUS AND TO AHU-8.
- 3 DISCONNECT AND REMOVE AHU-8 RF-1 C/W CONDUIT AND WIRING BACK TO SOURCE.
- 4 REMOVE ABANDONED COMBINATION STARTER C/W SUPPORTS AND FRAME.
- 5 REMOVE COMBINATION STARTERS C/W CONDUIT AND WIRING.
- 6 DISCONNECT AND REMOVE ABANDONED CONDUIT, WIRING AND THREE COMBINATION STARTERS.
- 7 DISCONNECT AND REMOVE IDENTIFIED TRANSFORMER. RETAIN TRANSFORMER AND CIRCUIT FOR USE IN NEW CONSTRUCTION. RELOCATION OF TRANSFORMER SHALL BE PERFORMED IN ONE (1) 4-HOUR SHUTDOWN PERIOD. COORDINATE SHUTDOWN SCHEDULE WITH DEPARTMENTAL REPRESENTATIVE.
- 8 REMOVE EXISTING CONCRETE HOUSE KEEPING PAD. GRIND, PREP, PRIME AND PAINT FLOORS WHERE EXISTING HOUSE KEEPING PAD WAS REMOVED WITH EPOXY PAINT TO MATCH EXISTING.



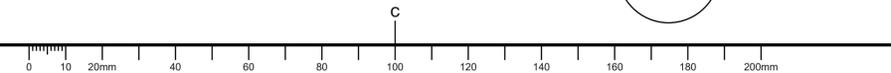
**1 LEVEL 4 MECHANICAL ROOM M6
PHASE 2 POWER & SYSTEMS DEMOLITION**
E05 Scale: 1:100

DESCRIPTION OF POWER & SYSTEMS NEW WORK:

- 1 PROVIDE NEW CONDUIT AND WIRING TO NEW AHU-8. PROVIDE FINAL CONNECTION TO FACTORY MOUNTED DISCONNECT. CONDUIT TO RUN AT BOTTOM OF STEEL DECK. JUNCTION BOXES ARE NOT ALLOWED ON CEILING TO PREVENT INTERFERENCE WITH MECHANICAL DUCTWORK. REFER TO 2/E02 FOR DETAILS.
- 2 PROVIDE THREE (3) NEW CIRCUITS C/W CONDUIT AND WIRING FOR AHU-8 CONTROLS, LIGHTING, AND MAINTENANCE RECEPTACLE.
- 3 ASSEMBLE THE FOLLOWING SYSTEMS FOR AHU-8: FACTORY PRE-WIRED LIGHTING CIRCUIT AND FACTORY PRE-WIRED MAINTENANCE RECEPTACLE CIRCUITS INSIDE UNITS. PROVIDE ACCESSORIES CONNECTORS ETC. WHERE REQUIRED.
- 4 PROVIDE NEW 100mm HIGH CONCRETE HOUSEKEEPING PAD TO SUIT TRANSFORMER (150mm LARGER ON ALL SIDES, C/W CHAMFERED EDGES AND ANCHORED TO THE STRUCTURAL SLAB BY MEANS OF REBAR DOWELED INTO CONCRETE FLOOR). PAINT CONCRETE HOUSE KEEPING PAD IN MECHANICAL ROOM WITH EPOXY PAINT TO MATCH EXISTING.
- 5 PROVIDE TRANSFORMER RETAINED IN DEMOLITION ON HOUSEKEEPING PAD UNDER AHU-8 RETURN DUCT. MODIFY AND EXTEND PRIMARY (3#6 + GND - 25mm EMT) AND SECONDARY (4#2/0 + GND - 50mm EMT) COND WIRING AS REQUIRED.
- 6 PROVIDE DISCONNECT TO SERVE AHU-8. REFER TO 2/E02 FOR DETAILS.

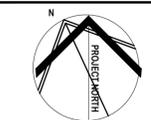


**2 LEVEL 4 MECHANICAL ROOM M6
PHASE 2 POWER & SYSTEMS NEW WORK**
E05 Scale: 1:100



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THE CONTRACTOR SHALL FOLLOW THE PLAN AND SPECIFICATIONS AS INDICATED. FAILURE TO DO SO WILL VOID ANY LIABILITY OF THE PROJECT ENGINEER.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT. DO NOT SCALE DRAWINGS.

revisions	description	date
06	Issued for Addendum 004	2022.01.08
05	Issued for Addendum 002	2021.12.21
04	Issued for Tender	2021.08.17
03	Issued for Tender	2020.09.30
02	Re-Issued for Review	2016.08.04
01	Issued for Review	2016.03.14



project
BAY 3 REFIT PROJECT

PROJECT ADDRESS
dessin

**MECH ROOM M6
POWER & SYSTEMS
DEMO & NEW WORK
PHASE 2**

Designed By	M.LACHOWICZ	Conçu par	
Date		(yyyy/mm/dd)	
Drawn By	J.GIBSON	Dessiné par	
Date		(yyyy/mm/dd)	
Reviewed By	M.LACHOWICZ	Examiné par	
Date		(yyyy/mm/dd)	
Approved By	M.LACHOWICZ	Approuvé par	
Date		(yyyy/mm/dd)	
Tender	M.LACHOWICZ	Soumission	
Project Manager	M.LACHOWICZ	Administrateur de projets	
Project no.		No. du projet	
			CSA15-G8b
Drawing no.		No. du dessin	E05