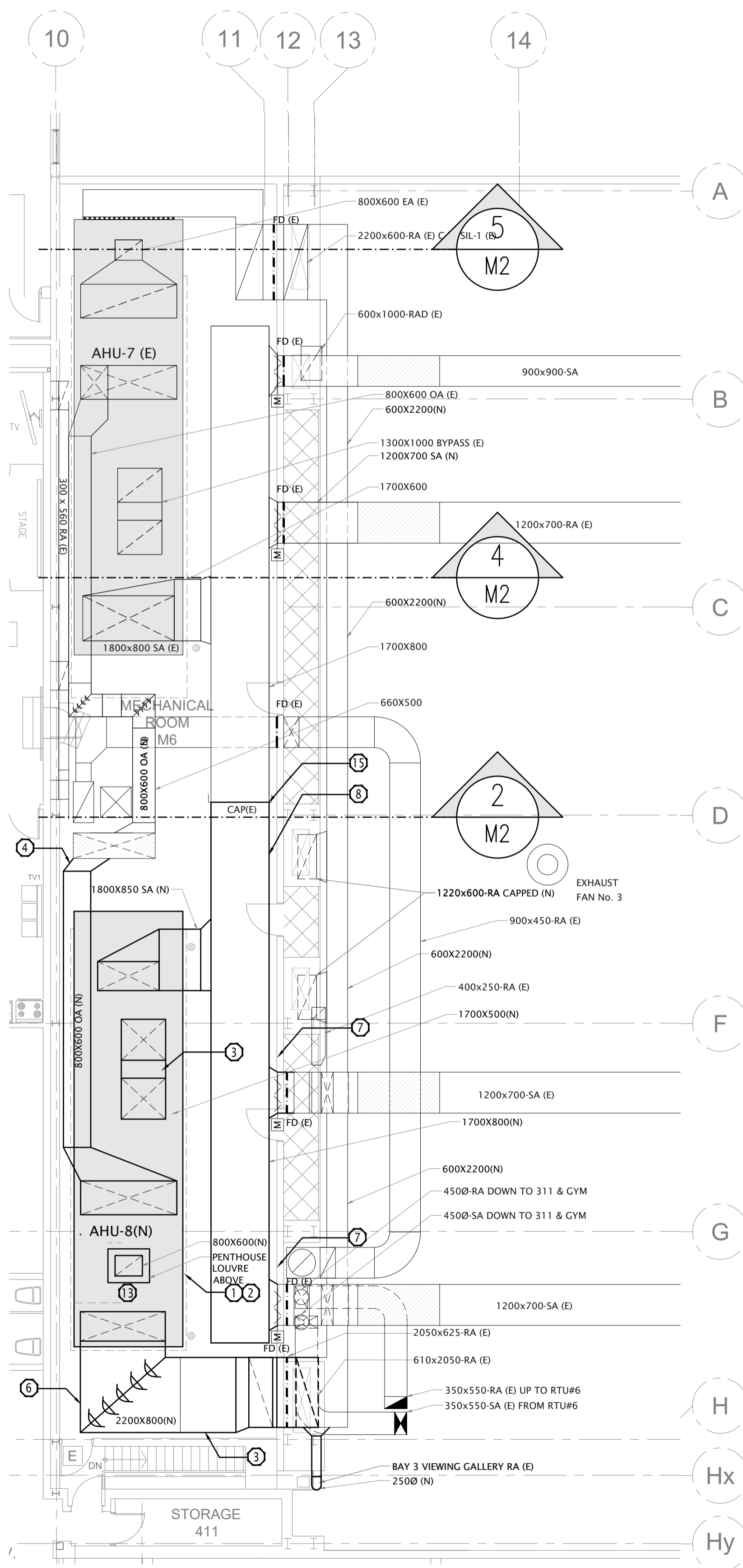


DESCRIPTION OF HVAC DEMOLITION:

- 1 AHU-8 & RF-1 C/W ALL ACCESSORIES AND INDICATED DUCTWORK SHALL BE REMOVED. CONTRACTOR SHALL ALLOW IN SCHEDULING FOR REMOVAL & WORK ON SITE. ALLOW TO CUT UP & REMOVE UNIT THROUGH MECHANICAL ROOM ACCESS DOORS.
- 2 TEMPORARILY REMOVE AND REINSTATE DUCTWORK TO ACCOMMODATE THE REMOVAL OF AHU-8, RF-1, MATERIALS AND MOVE INTO SPACE NEW AHU-8 AND MATERIALS. REINSTATE DUCTWORK TO MINIMIZE BAY 3 SHUTDOWN.
- 3 AHU-7 SHALL BE IN FULL OPERATION TO MINIMIZE THE SHUTDOWN REQUIREMENTS OF BAY 3.
- 4 ONCE AHU-7 IS FULLY COMMISSIONED, BASE BUILDING CONTROLS CONTRACTOR SHALL REMOVE CONTROLS FOR AHU-8 (X).



DESCRIPTION OF HVAC NEW WORK:

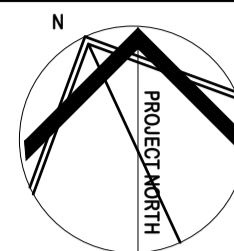
- 1 AHU-8 SHALL BE MOUNTED DIRECTLY ON THE FLOOR WITHOUT HOUSE KEEPING PAD.
- 2 INSTALL NEW AHU-8. AHU-8 (NEW) SHALL BE SUPPLIED BY DEPARTMENTAL REPRESENTATIVE UNIT CURRENTLY IN SECTIONS IN SPACE.
- 3 PROVIDE EXTERNAL COOLING COIL BYPASS DUCT.
- 4 PROVIDE NEW FRESH AIR DUCT C/W 50mm THICK THERMAL INSULATION AND JACKET.
- 5 PROVIDE NEW RELIEF AIR DUCT UP TO ROOF C/W 50mm THICK THERMAL INSULATION AND JACKET.
- 6 PROVIDE NEW RETURN AIR DUCTWORK UNINSULATED.
- 7 PROVIDE NEW 24V, SPRING RETURN, NORMALLY OPEN, PARALLEL BLADE MOTORIZED DAMPERS.
- 8 PROVIDE NEW SUPPLY AIR DUCTWORK C/W THERMAL INSULATION & JACKET.
- 9 PROVIDE NEW DUCTWORK THERMAL INSULATION C/W TAGGING AND JACKET.
- 10 PROVIDE BAS CONTROLS & INTEGRATION. REFER TO SPECIFICATIONS FOR DETAIL.
- 11 PROVIDE START-UP TESTING & BALANCING FOR AHU-8. AHU-8 START-UP SHALL BE BY UNIT MANUFACTURER. COORDINATE WITH UNIT MANUFACTURER.
- 12 AHU-8. ALL ASSOCIATED DAMPERS, AND CONTROLS SHALL BE FULLY OPERATIONAL AT THE COMPLETION OF PHASE 2.
- 13 PROVIDE PENTHOUSE LOUVRE ON ROOF ABOVE CUT ROOF AND REINSTATE ROOFING TO TIE INTO PENTHOUSE LOUVRE CURB. PROVIDE C 200x17 STRUCTURAL STEEL FRAMING AROUND OPENING TO ADJACENT STRUCTURE. PENTHOUSE CURB SHALL BE SECURED TO FRAMING, PATCH & REPAIR ROOF. REFER TO DETAIL 5 ON M3 FOR ROOFING DETAILS.
- 14 PROVIDE SYSTEMS TESTING & BALANCING.
- 15 REMOVE MAIN HEADER CAP SEPARATING AHU-8 AND AHU-7 AND CONNECT DURING TIME DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
- 16 INSTALLATION OF NEW AHU-8 SHALL BE COMPLETED WHILE AHU-7 IS OPERATIONAL.
- 17 PROVIDE COMPLETE SYSTEM/CONTROLS (AHU-7 & AHU-8) FINAL COMMISSIONING & SEQUENCE OF OPERATION TESTING.
- 18 ALL DUCTWORK IN MECHANICAL ROOM SHALL BE 18 GAUGE. ALL DUCTWORK IN BAY 3 SHALL BE 14 GAUGE.
- 19 ALL DUCTWORK IN BAY 3 TO BE PAINTED TO MATCH EXISTING COLOURS. ALL DUCTWORK IN MECHANICAL ROOM TO BE PAINTED WHITE.
- 20 BASE BUILDING CONTROLS CONTRACTOR SHALL PROVIDE NEW AHU-8 CONTROLS C/W INTEGRATION TO BAS SYSTEM.

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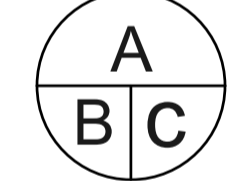
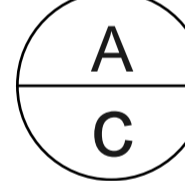
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IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO CONSTRUCTION START AND REPORT ALL ERRORS, OMISSIONS AND/OR INTERFERENCES TO THE PROJECT ENGINEER.

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
04	Issued for Tender	2021.08.17
03	Issued for Tender	2021.08.17
02	Re-Issued for Review	2016.08.04
01	Issued for Review	2016.03.14



project

BAY 3 REFIT PROJECT

PROJECT ADDRESS

drawing

dessin

LEVEL 4 MECHANICAL ROOM M6 PHASE 2 HVAC 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	
			CSA15-G8b
Drawing no.		No. du dessin	
			M09