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revisions	description	date
04	Issued for Tender	2021.08.17
03	Issued for Tender	2021.08.09
02	Re-issued for Review	2021.05.09
01	Issued for Review	2016.03.14

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project

PROJECT ADDRESS

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

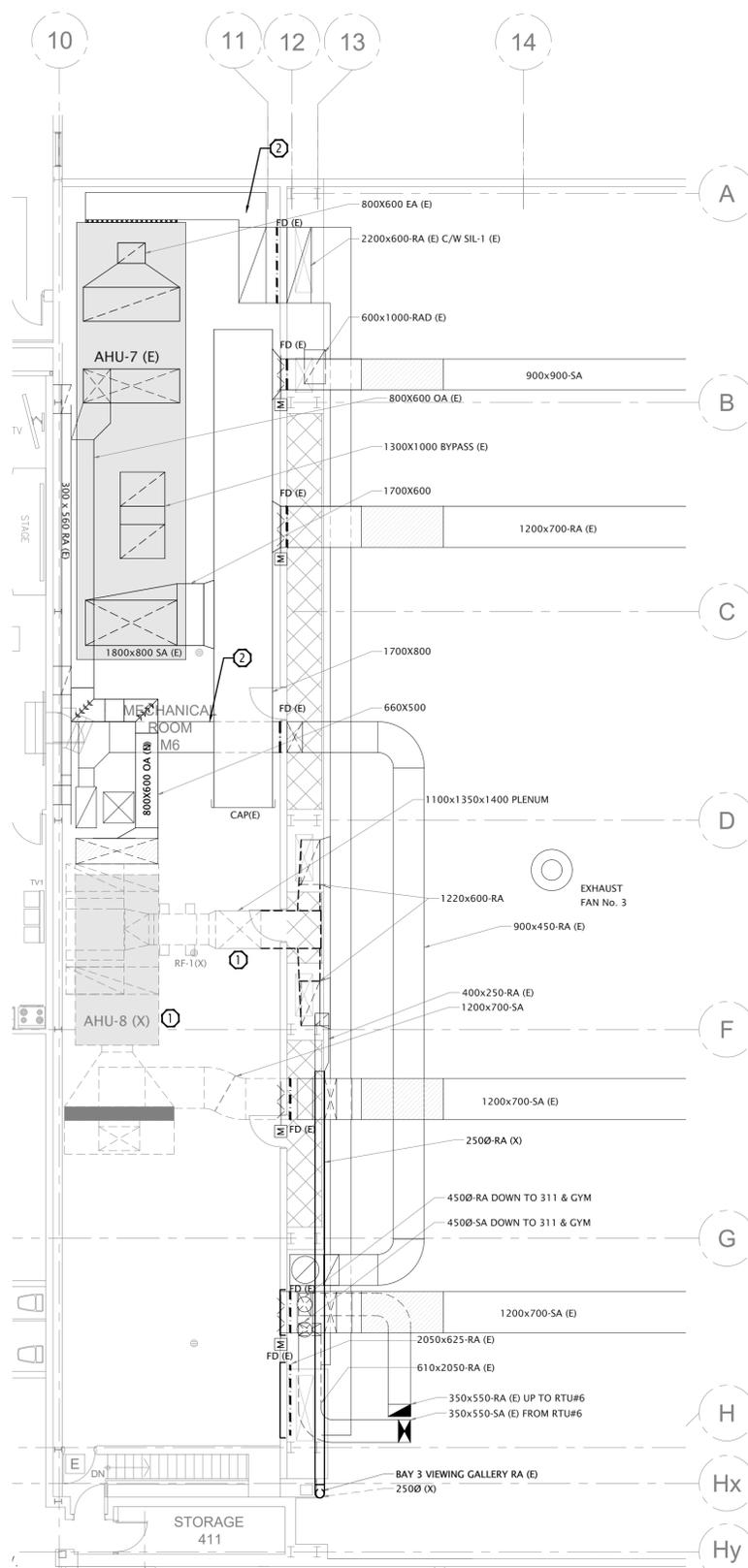
Project Manager Administrateur de projets

Project no. No. du projet

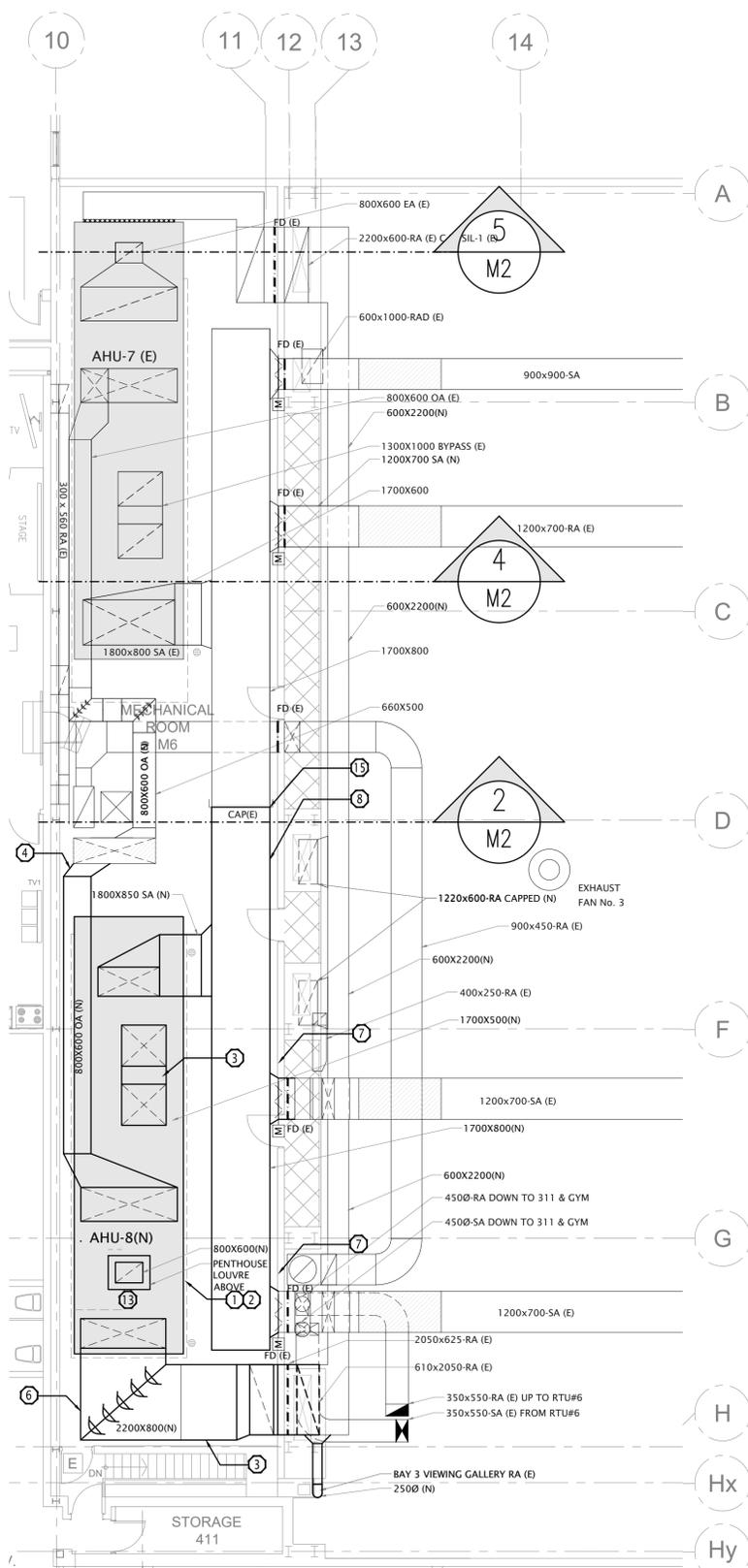
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M09



- DESCRIPTION OF HVAC DEMOLITION:**
- 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.
 - 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.
 - AHU-7 SHALL BE IN FULL OPERATION TO MINIMIZE THE SHUTDOWN REQUIREMENTS OF BAY 3.
 - ONCE AHU-7 IS FULLY COMMISSIONED, BASE BUILDING CONTROLS CONTRACTOR SHALL REMOVE CONTROLS FOR AHU-8 (X).



- DESCRIPTION OF HVAC NEW WORK:**
- AHU-8 SHALL BE MOUNTED DIRECTLY ON THE FLOOR WITHOUT HOUSE KEEPING PAD.
 - INSTALL NEW AHU-8. AHU-8 (NEW) SHALL BE SUPPLIED BY DEPARTMENTAL REPRESENTATIVE UNIT CURRENTLY IN SECTIONS IN SPACE.
 - PROVIDE EXTERNAL COOLING COIL BYPASS DUCT.
 - PROVIDE NEW FRESH AIR DUCT C/W 50mm THICK THERMAL INSULATION AND JACKET.
 - PROVIDE NEW RELIEF AIR DUCT UP TO ROOF C/W 50mm THICK THERMAL INSULATION AND JACKET.
 - PROVIDE NEW RETURN AIR DUCTWORK UNINSULATED.
 - PROVIDE NEW 24V, SPRING RETURN, NORMALLY OPEN, PARALLEL BLADE MOTORIZED DAMPERS.
 - PROVIDE NEW SUPPLY AIR DUCTWORK C/W THERMAL INSULATION & JACKET.
 - PROVIDE NEW DUCTWORK THERMAL INSULATION C/W TAGGING AND JACKET.
 - PROVIDE BAS CONTROLS & INTEGRATION. REFER TO SPECIFICATIONS FOR DETAIL.
 - PROVIDE START-UP TESTING & BALANCING FOR AHU-8. AHU-8 START-UP SHALL BE BY UNIT MANUFACTURER. COORDINATE WITH UNIT MANUFACTURER.
 - AHU-8. ALL ASSOCIATED DAMPERS, AND CONTROLS SHALL BE FULLY OPERATIONAL AT THE COMPLETION OF PHASE 2.
 - 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.
 - PROVIDE SYSTEMS TESTING & BALANCING.
 - REMOVE MAIN HEADER CAP SEPARATING AHU-8 AND AHU-7 AND CONNECT DURING TIME DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
 - INSTALLATION OF NEW AHU-8 SHALL BE COMPLETED WHILE AHU-7 IS OPERATIONAL.
 - PROVIDE COMPLETE SYSTEM/CONTROLS (AHU-7 & AHU-8) FINAL COMMISSIONING & SEQUENCE OF OPERATION TESTING.
 - ALL DUCTWORK IN MECHANICAL ROOM SHALL BE 18 GAUGE. ALL DUCTWORK IN BAY 3 SHALL BE 14 GAUGE.
 - ALL DUCTWORK IN BAY 3 TO BE PAINTED TO MATCH EXISTING COLOURS. ALL DUCTWORK IN MECHANICAL ROOM TO BE PAINTED WHITE.
 - BASE BUILDING CONTROLS CONTRACTOR SHALL PROVIDE NEW AHU-8 CONTROLS C/W INTEGRATION TO BAS SYSTEM.

1 LEVEL 4 MECHANICAL ROOM M6 PHASE 2 HVAC DEMOLITION Scale: 1:100 M09

2 LEVEL 4 MECHANICAL ROOM M6 PHASE 2 HVAC NEW WORK Scale: 1:100 M09

