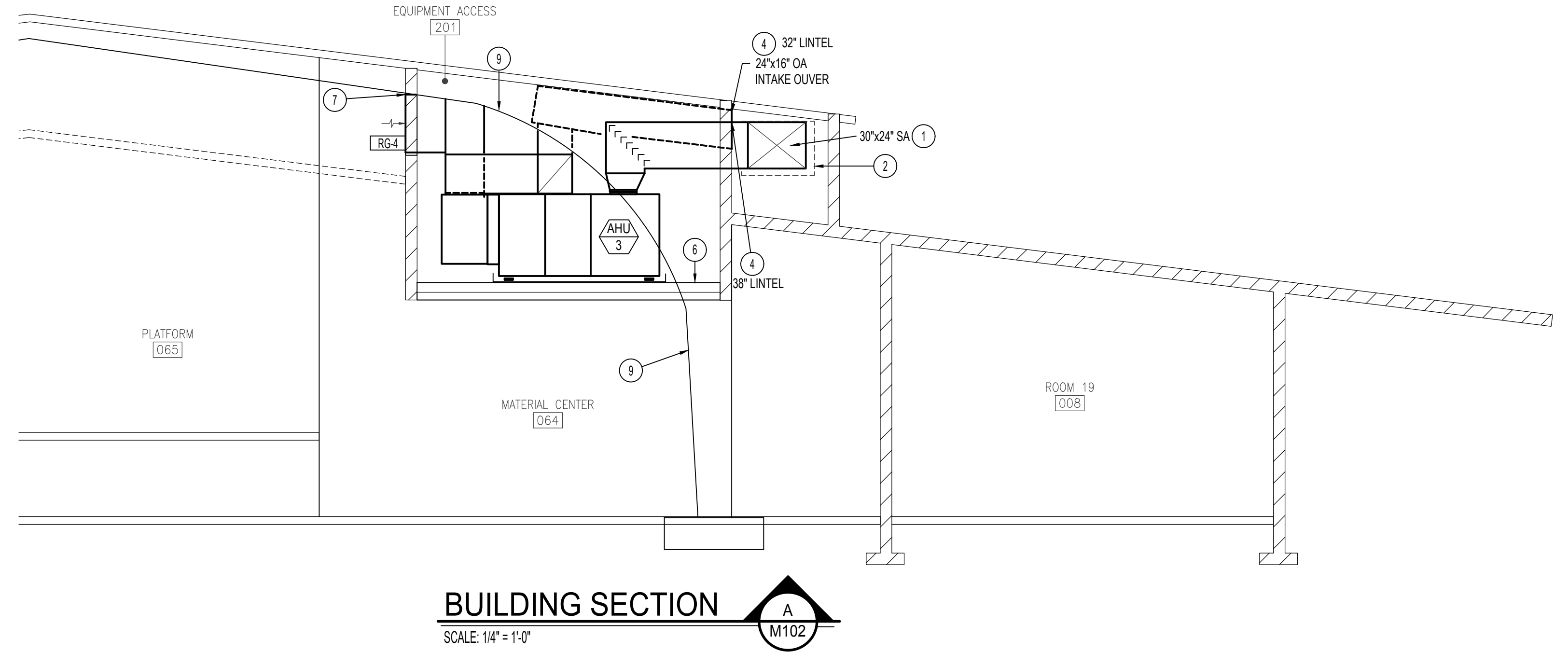
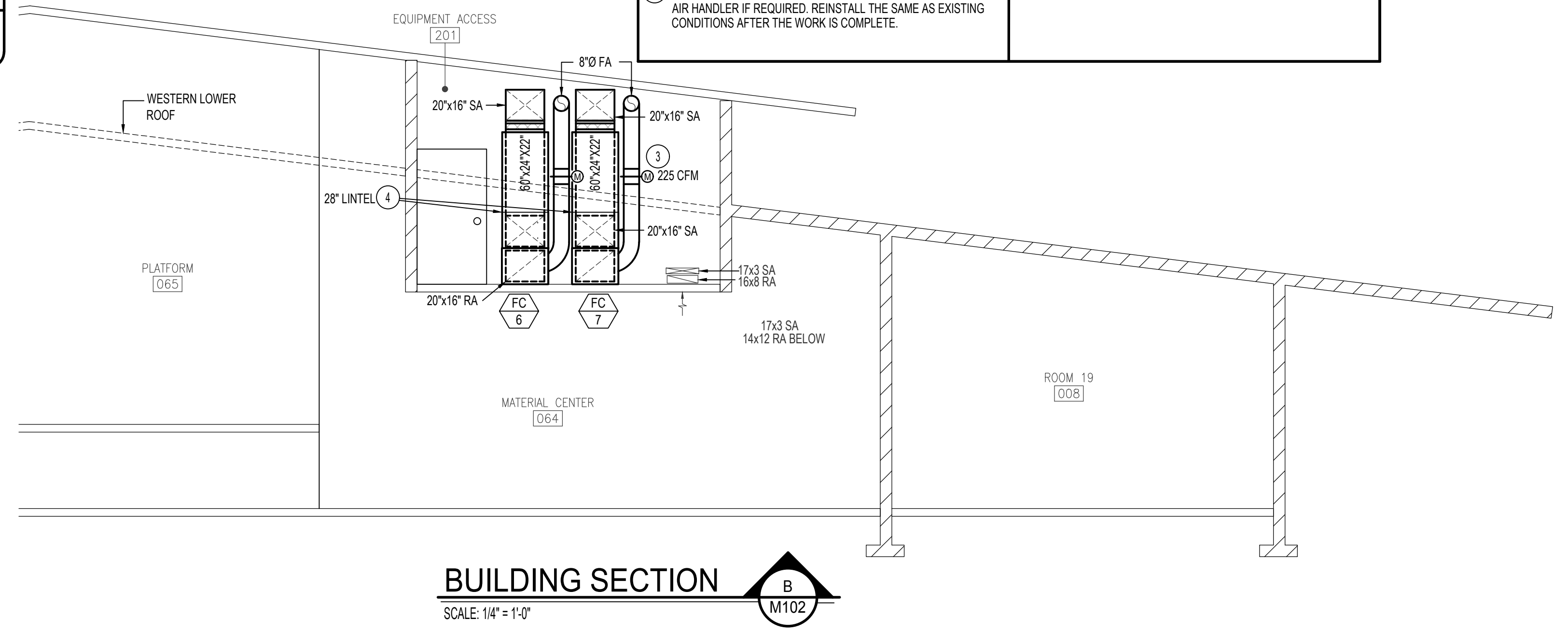
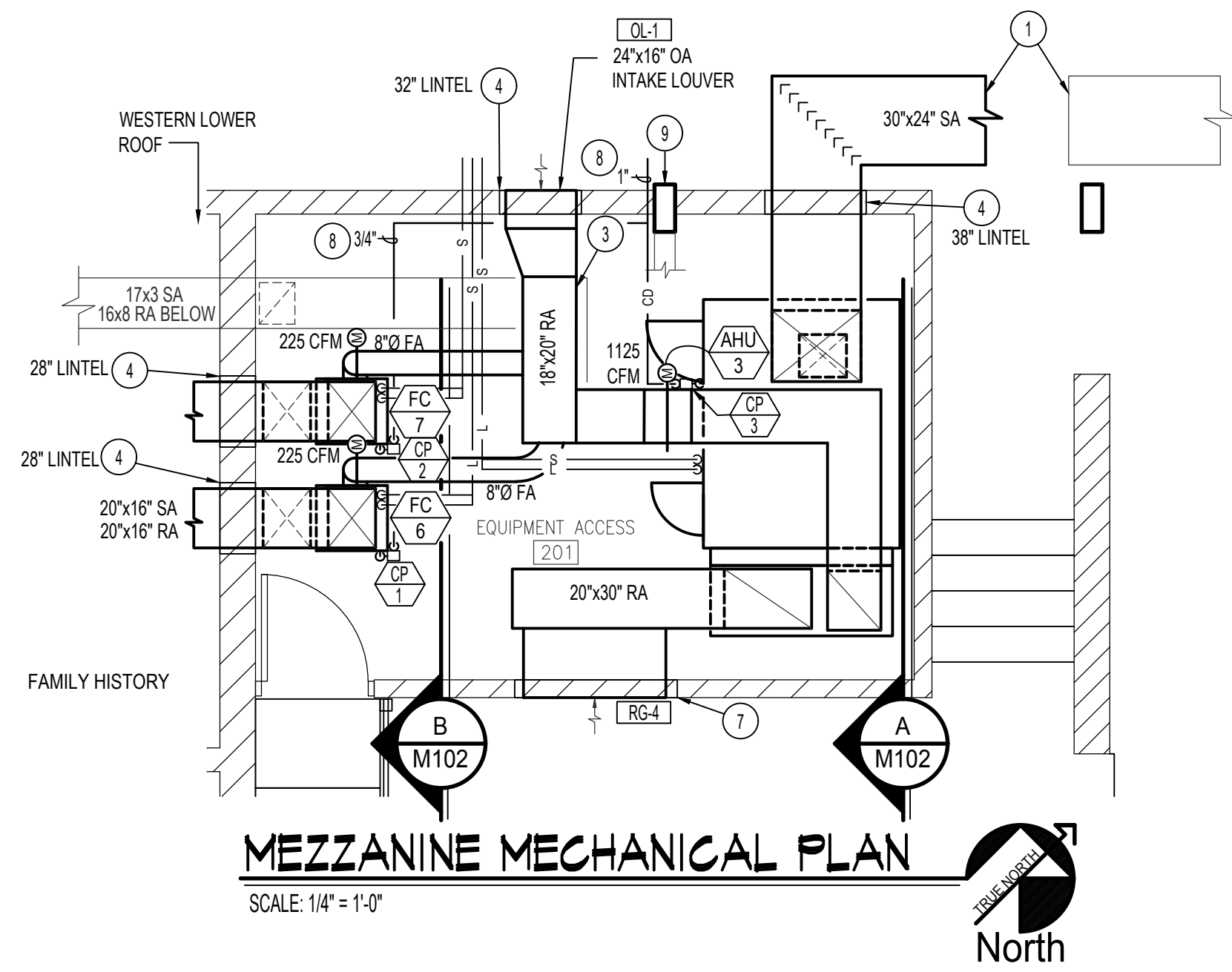


**MECHANICAL NOTES:**

- 1 THE NEW 30x24 SA DUCT TO EXISTING NORTH SIDE CULTURAL HALL DUCTWORK PREVIOUSLY CONNECTED TO EXISTING ROOF TOP UNIT. FIELD VERIFY EXACT DIMENSIONS, ROUTE, AND ELEVATION PRIOR TO CONSTRUCTION. MODIFY DUCT AS REQUIRED TO MATCH EXISTING CONDITIONS.
- 2 COORDINATE WITH GENERAL CONTRACTOR FOR PATCHING OF DEMOED ROOF TOP UNITS PREVIOUS PENETRATION INTO BUILDING.
- 3 RUN FRESH AIR AND RETURN DUCTWORK AS HIGH AS POSSIBLE. INTERLOCK MOTORIZED DAMPER WITH OPERATION OF ITS CORRESPONDING EQUIPMENT & BALANCE CFM AS INDICATED ON PLANS. MOTORIZED DAMPER FOR FAN COILS TO BE INSTALLED IN VERTICAL PORTION OF DUCTWORK.
- 4 PROVIDE AND INSTALL NEW PENETRATION THRU BRICK WALL WITH LINTEL SIZED FOR DIMENSIONS AS INDICATED ON PLANS.
- 5 REMOVE OR MODIFY DUCTWORK AS REQUIRED TO INSTALL NEW AIR HANDLER IF REQUIRED. REINSTALL THE SAME AS EXISTING CONDITIONS AFTER THE WORK IS COMPLETE.
- 6 STRUCTURAL SUPPORT FOR NEW AIR HANDLER TO BE PROVIDED AND INSTALL BY THE GENERAL CONTRACTOR.
- 7 REMOVE EXISTING BRICK AS REQUIRED FOR NEW RETURN. PATCHING ABOVE TO BE DONE BY THE GENERAL CONTRACTOR.
- 8 INSTALL CONDENSATE PUMPS FOR MECHANICAL EQUIPMENT IN THIS ROOM SO AS TO ROUTE CONDENSATE DRAIN LINES AS HIGH AS POSSIBLE.
- 9 PROTECT EXISTING STRUCTURAL DURING CONSTRUCTION. INSTALL HVAC AS REQUIRED TO AVOID COLLISIONS.

- BASE BID:**  
ALL WORK ASSOCIATED WITH REPLACING EXISTING A/C SYSTEMS ASSOCIATED WITH THE CHAPEL, CULTURAL HALL, & FAMILY HISTORY SUITE.
- ALT #1 BID:**  
ALL WORK ASSOCIATED WITH REMOVAL OF EXISTING MINI-SPLIT A/C SYSTEMS AND INSTALLING NEW DUCTED A/C SYSTEMS FOR THE STAKE SUITE.
- ALT #2 BID:**  
ALL WORK ASSOCIATED WITH REMOVAL OF EXISTING MINI-SPLIT A/C SYSTEMS AND INSTALLING NEW DUCTED A/C SYSTEMS FOR THE RELIEF SOCIETY ROOM.
- ALT #3 BID:**  
ALL WORK ASSOCIATED WITH REMOVAL OF EXISTING MINI-SPLIT A/C SYSTEMS AND INSTALLING NEW DUCTED A/C SYSTEMS FOR THE PRIMARY ROOM.



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Expiration date of license: 04/30/22  
This work was prepared by me or under my supervision. Construction of this project will be under my observation.  
**Dwayne C. Sudweeks**  
Professional Engineer License No. 12830-M  
Professional Engineer License No. 12830-M  
Professional Engineer License No. 12830-M

Project Name:  
**KALIHI RE-ROOF AND HVAC REFURBISHMENT**  
HONOLULU, HAWAII WEST STAKE  
TMK: 1-3-005-17  
1120 Kaihii St. (1723 Beckley St.) Honolulu, HI 96819

Owner:  
**THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS**

Mark	Date only	Description
1	09-01-2021	BID SET

Project Number:  
PCA-2013  
Plan Series:  
EXISTING  
Property Number:  
500-0031-919010101

Sheet Title:  
**ENLARGED SECTION VIEWS**  
Sheet:  
**M102**

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