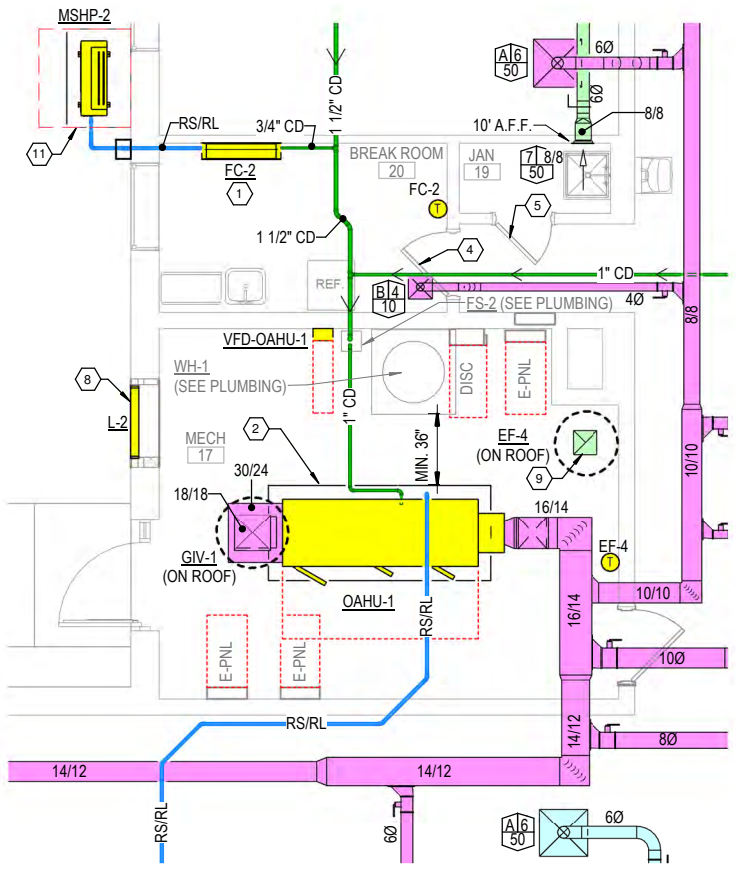


1 ENLARGED HVAC PLAN - KITCHEN
1/4" = 1'-0"
0 2 4 8



2 ENLARGED HVAC PLAN - MECHANICAL 17
1/4" = 1'-0"
0 2 4 8

KEYED NOTES

- 1 INSTALL THE NEW FAN COIL UNIT AT APPROXIMATELY 8' A.F.F.
- 2 PROVIDE A 6" HIGH CONCRETE HOUSEKEEPING PAD WITH 3/4" CHAMFERED EDGES EXTENDING MINIMUM 6" BEYOND THE EDGES OF THE MECHANICAL UNIT.
- 3 DROP WITH THE INSULATED CONDENSATE DRAIN EXPOSED IN THE CORNER OF THE ROOM TO FLOOR LEVEL. CONTINUE ALONG THE FLOOR, TIGHT TO THE WALL, AND TERMINATE INDIRECTLY AT THE FLOOR SINK BENEATH THE 3-COMPARTMENT SINK. SECURE THE CONDENSATE DRAIN PIPE ALONG THE WALL AND ALONG THE FLOOR AT 5' O.C.
- 4 EXISTING DOOR GRILLE TO REMAIN FOR TRANSFER AIR.
- 5 EXISTING 3/4" DOOR UNDERCUT TO REMAIN FOR TRANSFER AIR.
- 6 ROUTE THE INSULATED 3/4" AHU PRIMARY CONDENSATE DRAIN AND 3/4" AUXILIARY DRAIN PAN LINE THROUGH THE EXTERIOR WALL, DOWN THE WALL, AND TERMINATE AT 6" A.F.G. PROVIDE A REMOVABLE INSECT SCREEN OVER THE END OF THE PIPE.
- 7 ROUTE THE MECHANICAL PIPING UP ALONG THE EXTERIOR WALL TO ABOVE CEILING HEIGHT, PENETRATE THE EXTERIOR WALL TO INSIDE THE BUILDING, AND CONTINUE AS SHOWN. SEAL THE WALL PENETRATIONS WEATHERTIGHT. PROVIDE A MINIMUM 20-GAUGE SHEET METAL SHROUD OVER THE PIPING EXPOSED ON THE BUILDING EXTERIOR WITH A 30-DEGREE PITCHED TOP TO SHED RAIN. PAINT THE SHROUD TO MATCH THE BRICK. COLOR TO BE APPROVED BY THE GOVERNMENT. INFILL THE OPEN BOTTOM OF THE SHROUD WITH MIN. 6" DEEP INFILL OF STAINLESS STEEL WOOL FOR RODENT PROOFING.
- 8 INSTALL THE NEW LOUVER IN THE EXISTING WALL OPENING. LOUVER SIZE SCHEDULED IS APPROXIMATE, BUT SHOULD BE WITHIN +/- 2" IN LENGTH AND HEIGHT BASED ON FIELD MEASUREMENTS. FIELD VERIFY THE EXACT OPENING SIZE AND PROVIDE AN EXACT LOUVER SIZE TO FIT THE OPENING. CONTRACTOR'S FIELD MEASUREMENT SHALL BE CLEARLY INDICATED ON THE LOUVER SHOP DRAWING.
- 9 THE MECHANICAL ROOM HAS NO CEILING. THE FAN INTAKE SHALL BE OPEN TO THE ROOM BELOW.
- 10 HOOD FIRE SUPPRESSION SYSTEM PULL STATION SERVING "KH-1" TO BE INSTALLED AT THE EGRESS DOOR LEAVING THE KITCHEN.
- 11 PROVIDE A 6" HIGH CONCRETE MECHANICAL PAD WITH 3/4" CHAMFERED EDGES EXTENDING FROM THE BUILDING OUT TO MIN. 6" BEYOND THE EDGES OF THE MECHANICAL UNIT. SLOPE THE PAD MIN. 2% TO DRAIN AWAY FROM THE BUILDING.



06-20-2022

MARK	DESCRIPTION	DATE

DESIGNED BY: JLG	ISSUE DATE: 20 JUN 2022
DRAWN BY: JLG	SOLICITATION NO.:
CHECKED BY: RLS	CONTRACT NO.:
SUBMITTED BY: CROMWELL A/E	
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FLO27 HVAC-ELEC-PLUMB RESET
PALATKA, FL

CROMWELL

ENLARGED MECHANICAL PLANS

SHEET ID
M-401

WHILE THESE DRAWINGS ARE BEST VIEWED AND PRINTED IN FULL COLOR, A BLACK AND WHITE GRAY SCALE PRINT WILL STILL CONVEY ALL REQUIRED INFORMATION.