

DRC

PZ23-12000051
05/15/2024

Miguel
F de
Diego

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by Miguel F de
Diego

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H.V.A.C. GENERAL NOTES:

ALL WORK SHALL CONFORM WITH THE CURRENT (FBC 2020, 7th EDITION), NFPA, NEC, AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND ORDINANCES.

CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, TAXES, INSPECTIONS, TESTS, PERFORMANCE BONDS, FINES AND OTHER ITEMS AS REQUIRED FOR THE INSTALLATION OF THE COMPLETE MECHANICAL SYSTEMS, AND SHALL BE RESPONSIBLE FOR OBTAINING HIS OWN PERMIT.

MECHANICAL PLANS ARE DIAGRAMATIC, AND MAY CHANGE DUE TO FIELD CONDITIONS.

ARCHITECTH SHALL BE COORDINATE WITH ALL TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION AND IN STRICT COMPLIANCE WITH STRUCTURAL PLANS AND ALL APPLICABLE CODES AND STANDARDS.

MECHANICAL CONTRATOR SHALL VERIFY AND COORDINATE EXISTING OF THE BUILDING BEFORE INSTALLATION AND COORDINATE RUTE OF DUCTWORK SYSTEMS.

CONTRACTOR SHALL PROVIDE ALL REQUIRED INSURANCE FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK. ALSO VERIFY EXISTING CONDITIONS BEFORE START THE JOB.

DUCT CONSTRUCTION, BRACING AND SUSPENSION IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE LATEST EDITION OF THE A.S.H.R.A.E. GUIDE AND S.M.A.C.N.A. STANDARDS. DUCT SIZES SHOWN ARE "INSIDE" DIMENSIONS. VERIFY EXACT LOCATION OF DUCT WITH RESPECT TO STRUCTURE BEFORE FABRICATION.

ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION AND IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS.

SUBMIT SHOP DRAWING OF ALL MATERIALS AND EQUIPMENT FOR APPROVAL PRIOR TO FABRICATION.

GENERAL/MECHANICAL CONTRACTOR SHALL BE VERIFY ALL INSULATION VALUE USED FOR CALCUALTIIONS IN ENERGY AND/OR HEAT LOAD PROVIDED BY MECHANICAL ENGINEER.

CUT ALL OPENINGS AND CHASES REQUIRED TO ACCOMMODATE THE WORK UNDER THIS DIVISION, AND REPAIR ALL FLOORS, WALLS, ETC., DAMAGED BY SUCH CUTTINGS. ALL WORK DONE UNDER THIS HEADING MUST CONFORM IN EVERY RESPECT TO FINISH AND QUALITY OF MATERIALS AND WORKMANSHIP SPECIFIED UNDER APPROPRIATE SECTIONS FOR THE BUILDING.

MECHANICAL CONTRACTOR SHALL BE RESPONSABLE FOR AIR BALANCE ACORDING WITH PLAN.

ALL DUCTWORK RUNNING IN CONDITIONED SPACE COULD BE R-4 AND DUCTWORK RUNNING IN UNCONDITIONED SPACE SHALL BE R-6 MIN INSUATION. PLS VERIFY LOCAL CODES.

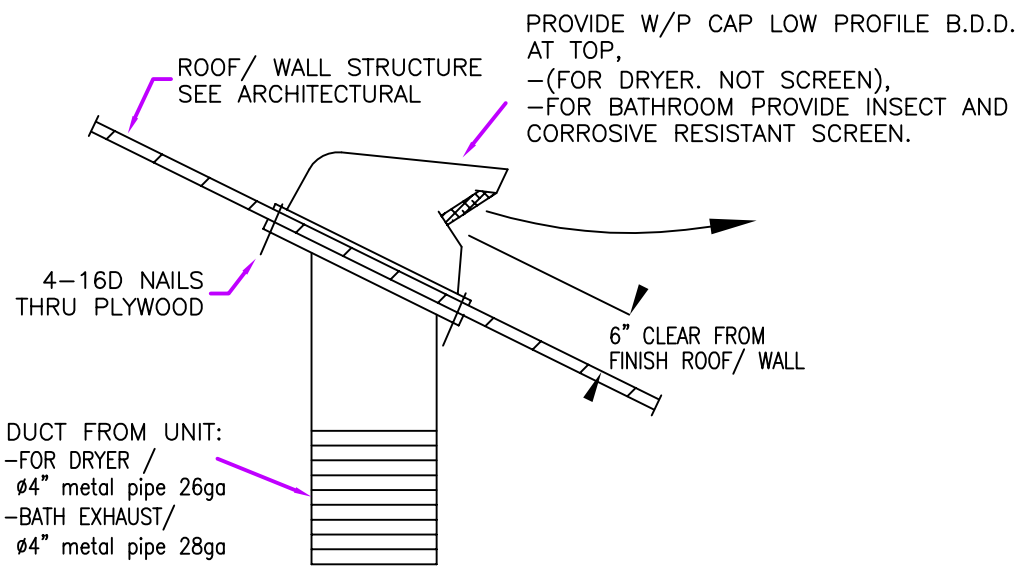
PROVIDE 1" UNDERCUT AT ALL INTERIOR DOORS.

SCOPE OF WORK:

- IS LIMITED TO INSTALL A NEW UNIT AS SPECIFIED IN THIS PLAN.
- IS LIMITED TO INSTALL A/C DUCT WORK AND VENTILATION SYSTEMS AS SPECIFIED IN THIS PLAN

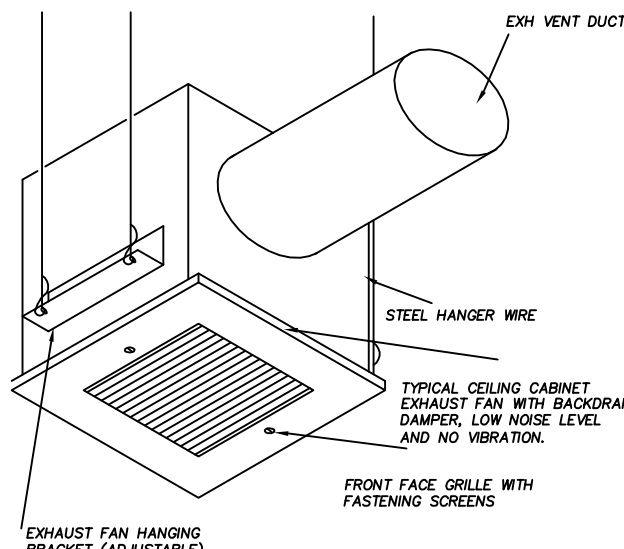
SPLIT SYSTEM SCHEDULE		
NOMINAL TONS	3.5	
TOTAL COOLING CAP. (BTU/HR)	41 500	
SENSIBLE COOLING CAP.(BTU/HR)	30 700	
SUPPLY (CFM)	1400	
HEATER (KW)	10	
ESP-IN WG	0.3	
AHU MIN CIRCUIT AMPACITY	56	
CU MIN CIRCUIT AMPACITY	25	
VOLTAGE	230V-1P	
DESIGN MANUFACTURE	RHEEM (OR EQUAL APPROVED)	
AHU MODEL	RH1T4821STAN	
CU MODEL	RA1642A11	
SEER	16	
REFRIGERANT LINE SIZE	3/4"-7/8"	

HVAC DESIGN REQUIRES	YES	NO
DUCT SMOKE DETECTOR		X
FIRE DAMPER(S)/ RADIANT		X
SMOKE DAMPER(S)		X
FIRE RATED ENCLOSURE		X
FIRE RATED ROOF CEILING ASSEMBLY		X
FIRE STOPPING		X
SMOKE CONTROL		X



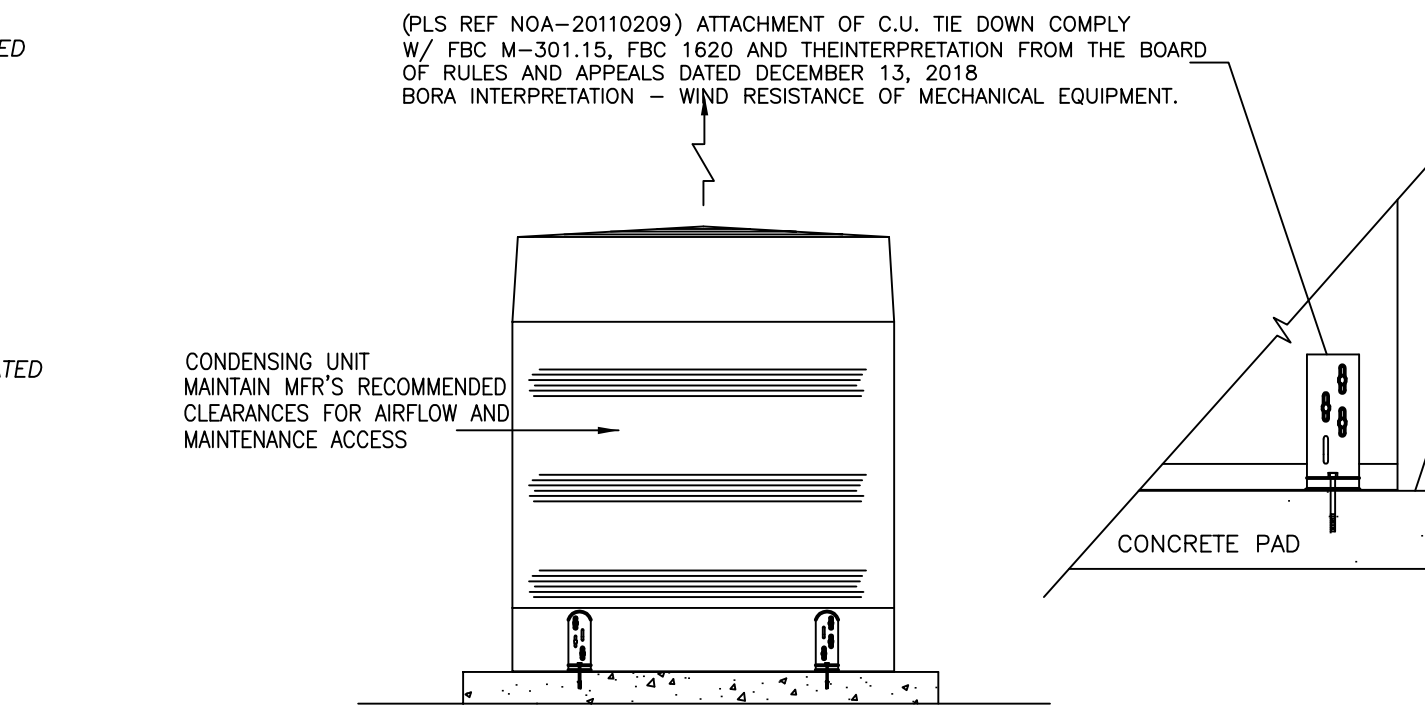
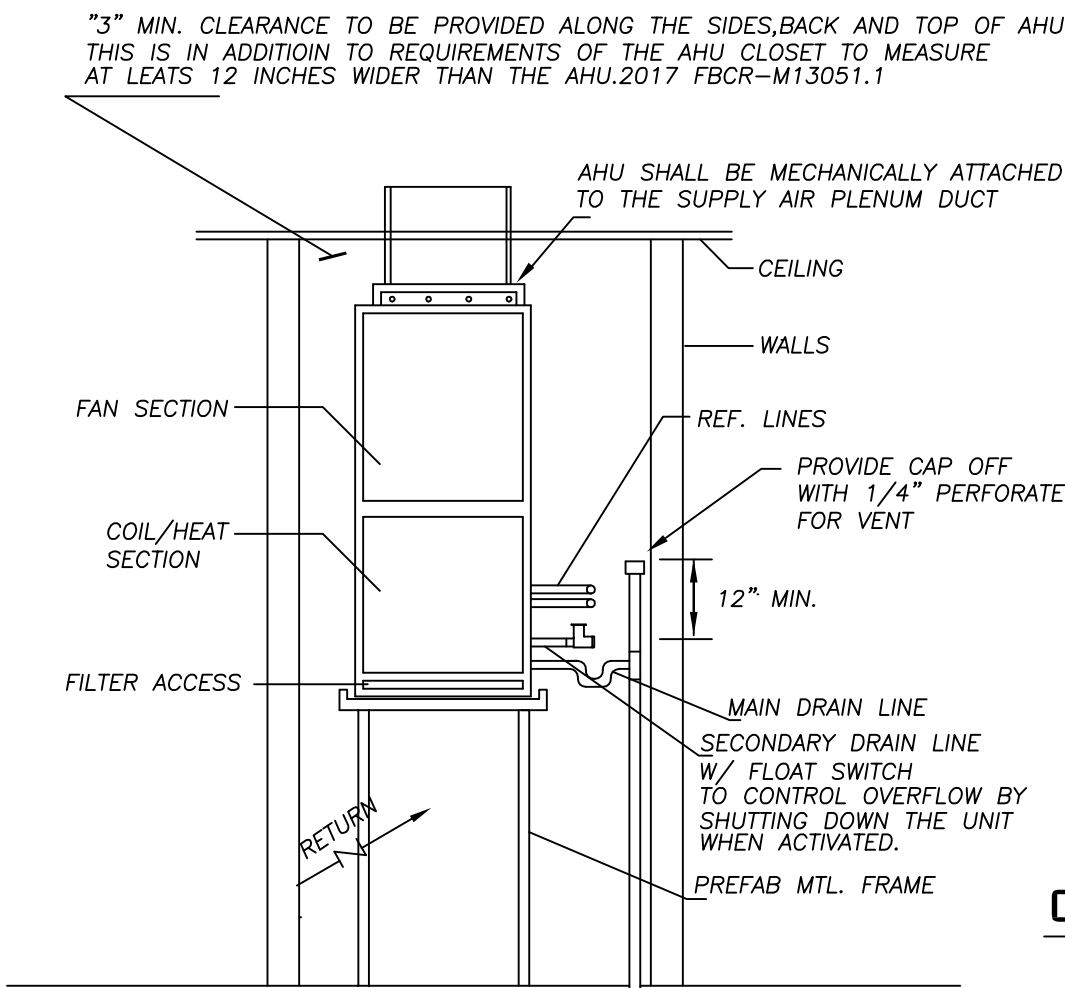
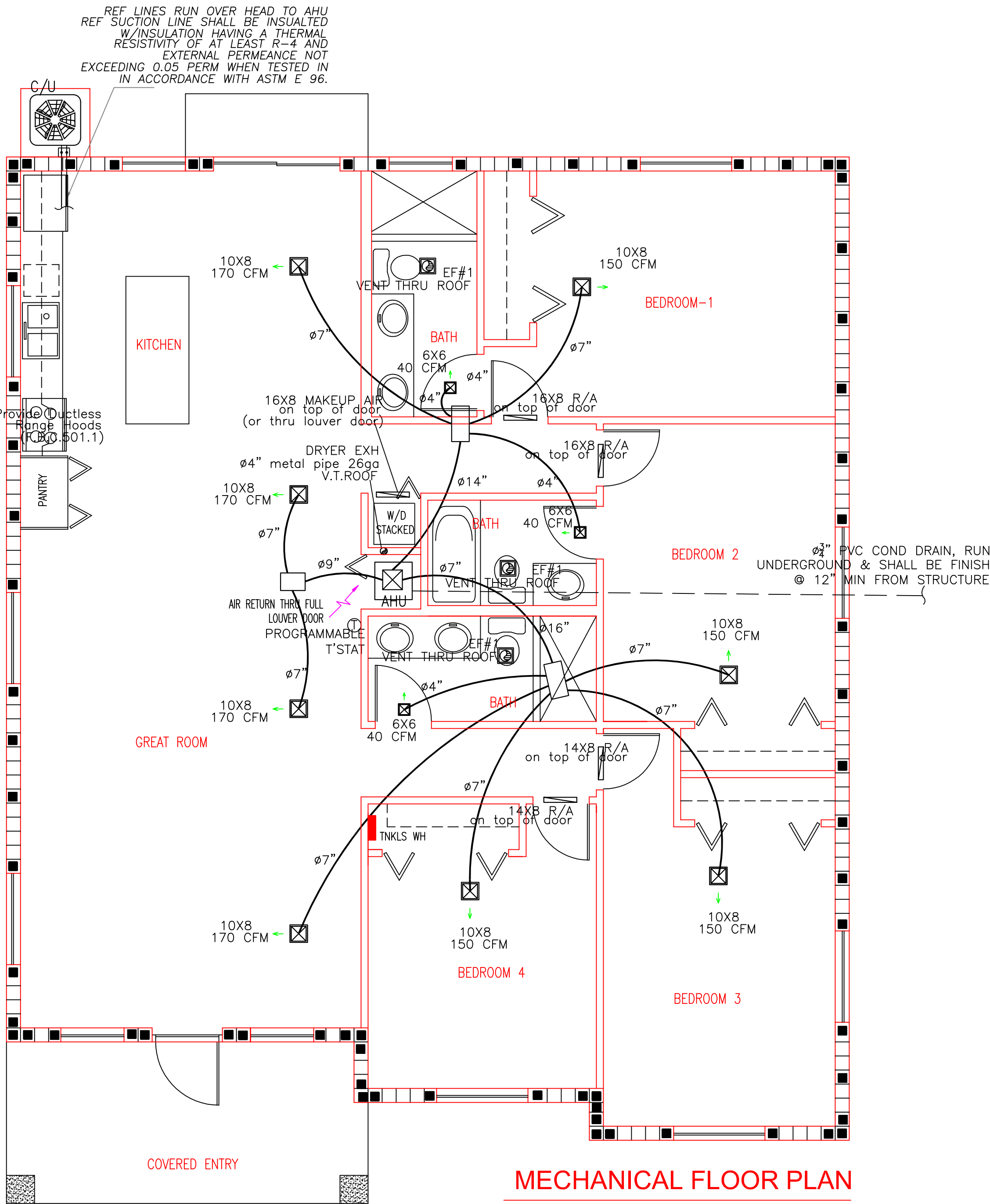
TYPICAL ROOF/ WALL CAP DETAIL @ DRYER AND/OR TOILET EXH.

NOTE: HORIZONTAL DESHAGE 3' MIN AWAY FROM ANY OPENING N.T.S.



CEILING MOUNTED CABINET EXHAUST FAN DETAIL

EF#1
EXH FAN#1 (BRAND: BROAN)
MODEL 696, 50 CFM & B.D.D.
WIRE CONNECTED TO INDEPENT SWITCH. (OR EQUAL APPROVED)



- REFRIGERANT CIRCUIT ACCESS PORTS LOCATED OUTDOORS SHALL BE FITTED WITH LOCKING-TYPE TAMPER RESISTANT CAPS OR SHALL BE OTHERWISE SECURED TO PREVENT UNAUTHORIZED ACCESS. TO COMPLIANCE WITH THE FBC, R SECTION M1411.6,
- ALL EXPOSED REFRIGERANT PIPING INSULATION TO BE JACKETED OR PAINTED WITH AV PROTECTIVE PAINT.
NOTE ON CONDENSING UNIT MOUNTING DETAIL

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NO.	DATE	REVISION

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CHECKED
DRAWN
DATE 10-4-2022
COMM. NO. 21-194

10-4-2022

STATE OF FLORIDA
MIGUEL DE DIEGO
A.R. N.T.S.
No. 13378

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12/20/2023