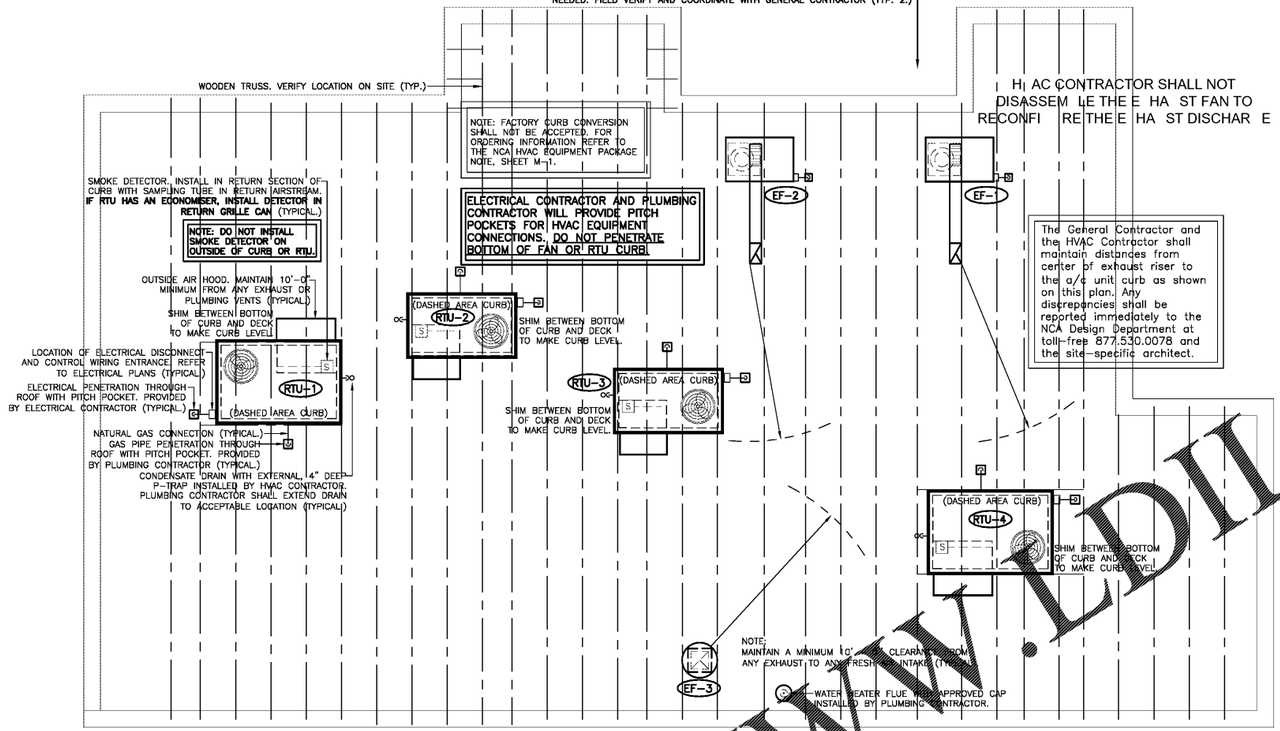
Shane R. Hamilton P.E.
912 W. Dr. Martin Luther King Jr. Blvd
Tampa, FL 33603 (813) 221-3476

NOTE: EXCLUDING THE DUCT THAT SHIPS WITH THE HOODS, THE EXHAUST RISERS CANNOT HAVE ADDITIONAL 'FIELD' OFFSETS. TRUSSES CLOSEST TO THE EXHAUST RISERS MUST BE SPACED SO THAT NO ADDITIONAL OFFSETS ARE NEEDED. FIELD VERIFY AND COORDINATE WITH GENERAL CONTRACTOR (TYP. 2.)

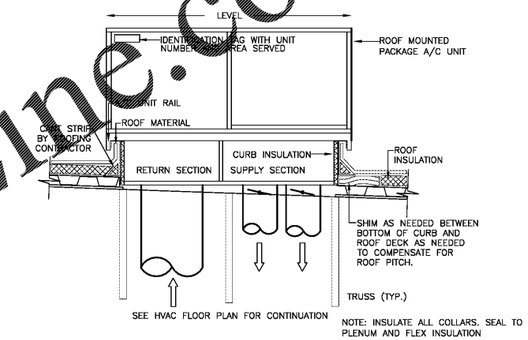


ROOF PLAN – HVAC

SCALE 1/4" = 1'-0" WHEN PLOTTED 36" X 24"

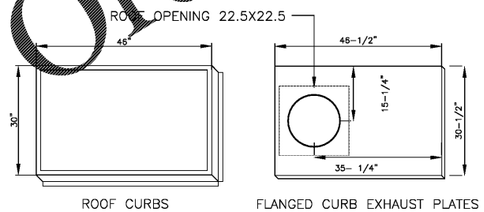
H AC CONTRACTOR SHALL NOT DISASSEM LE THE E HA ST FAN TO RECONFI RE THE E HA ST DISCHAR E

The General Contractor and the HVAC Contractor shall maintain distances from center of exhaust riser to the a/c unit curb as shown on this plan. Any discrepancies shall be reported immediately to the NCA Design Department at toll-free 877.530.0078 and the site-specific architect.



DUCT RISER/LEVELING DETAIL

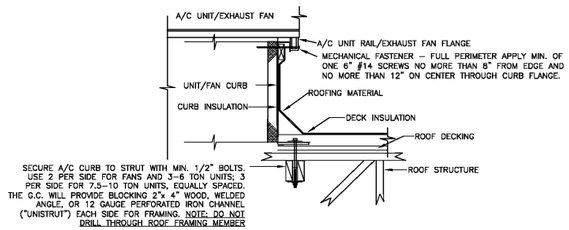
NOT TO SCALE



ROOF CURBS FLANGED CURB EXHAUST PLATES

EXHAUST FAN CURB/CURB PLATE

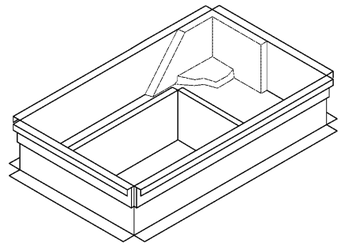
NOT TO SCALE



ACCEPTABLE FOR 140 MPH ZONE

ROOF EQUIP. CURB MOUNTING DETAIL

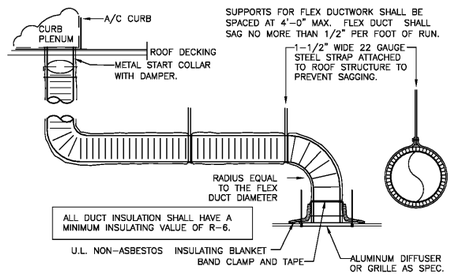
NOT TO SCALE ACCEPTABLE FOR 140 MPH ZONE



FACTORY CURB CONVERSION SHALL NOT BE ACCEPTED.

NCA PLENUMIZED AC CURB DETAIL

NOT TO SCALE



NOTE: USE "FLEXIBLE DUCT" ONLY, NOT "FLEXIBLE CONNECTOR." IF LOCAL CODE LIMITS LENGTH OF FLEXIBLE DUCT, USE EXTERNALLY INSULATED SNAPLOCK PIPE TO FLEXIBLE DUCT, TO GRILLE/DIFFUSER

FLEXDUCT CONNECTION/INSTALL DETAIL

NOT TO SCALE

DUCT SUPPORT
SUPPORT DUCTWORK WITH 1-1/2" WIDE 22 GAUGE STEEL STRAPS FIRMLY ATTACHED TO THE BUILDING STRUCTURE. SPACING SHALL BE MAXIMUM 10-0" FOR RIGID DUCTWORK, AND MINIMUM 4'-0" FOR FLEXIBLE DUCTWORK. 12 GAUGE WIRE MAY BE SUBSTITUTED FOR STRAPS IF 1-1/2" WIDE 22 GAUGE STEEL SADDLES ARE USED TO FULLY ENCIRCLE DUCT. REFER TO THE HVAC DUCT CONSTRUCTION STANDARDS PUBLISHED BY SMACNA FOR ADDITIONAL DETAILS. FULLY COMPLY WITH MECHANICAL CODES.

DUCT SCHEDULE	
SIZE	GAUGE
6"ø – 8"ø	28
10"ø – 12"ø	26
14"ø – 16"ø	24
18"ø – 20"ø	22

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DRAWING INFORMATION		
DATE	DESCRIPTION	BY
08-01-19	FOR CONSTRUCTION	KM

N-C-A
CONSULTANTS/GROUP
4585 140TH AVE. NORTH, SUITE #1001
CLEARWATER, FLORIDA
PHONE: (877) 530-0078
CALL NCA MARKETING FOR PRICING
NCA JOB# 19938

B1916

DATE	RELEASE
	FOR CONSTRUCTION
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SOUTH CAROLINA PE #35544

PROJECT: B1916
DATE: 07/22/2019

206 LONGSTREET ST.
KINGSTREE, SC 29556

BURGER KING RESTAURANT

HVAC ROOF PLAN AND HVAC DETAILS

M-2