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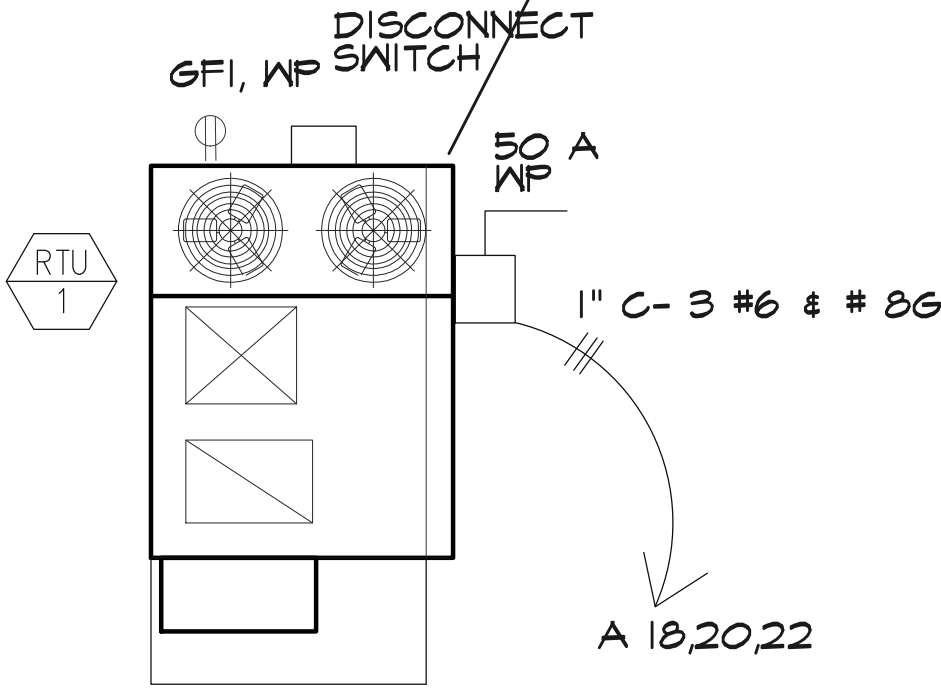


MECHANICAL ROOF PLAN  
N.T.S.

REMOVE (E) 5 TON HVAC UNIT  
REPLACE WITH NEW 5 TON HVAC UNIT  
EXISTING 5 TON UNIT: CARRIER 48HDT006590  
OPERATING WEIGHT: 685 lbs WITH ECONOMIZER  
130 lbs WITH ROOF CURB  
815 lbs TOTAL WEIGHT

NEW 5 TON UNIT: CARRIER 48HCDA06COA5A0B0A0  
OPERATING WEIGHT: 650 lbs WITH ECONOMIZER  
150 lbs WITH CURB ADAPTOR  
800 lbs TOTAL WEIGHT

NEW HVAC UNIT TO BE  
MOUNTED ON THE EXISTING  
PRE-FAB CURB.  
PROVIDE, SELF FLASHING  
CURB ADAPTOR  
OVER EXISTING CURB.



NO ROOFTOP PENETRATIONS REQUIRED  
CONTRACTOR TO USE EXISTING ROOF TOP STUB OUTS

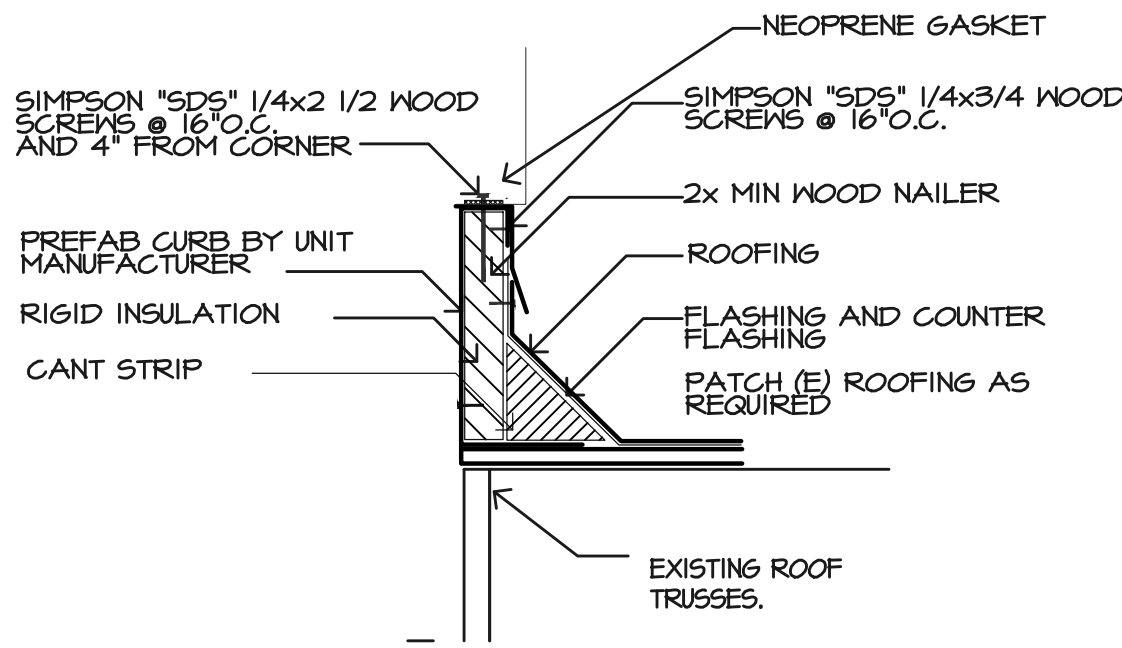
CONTRACTOR TO REMOVE AND DISPOSE EXISTING  
5 TON HVAC ROOF TOP UNIT



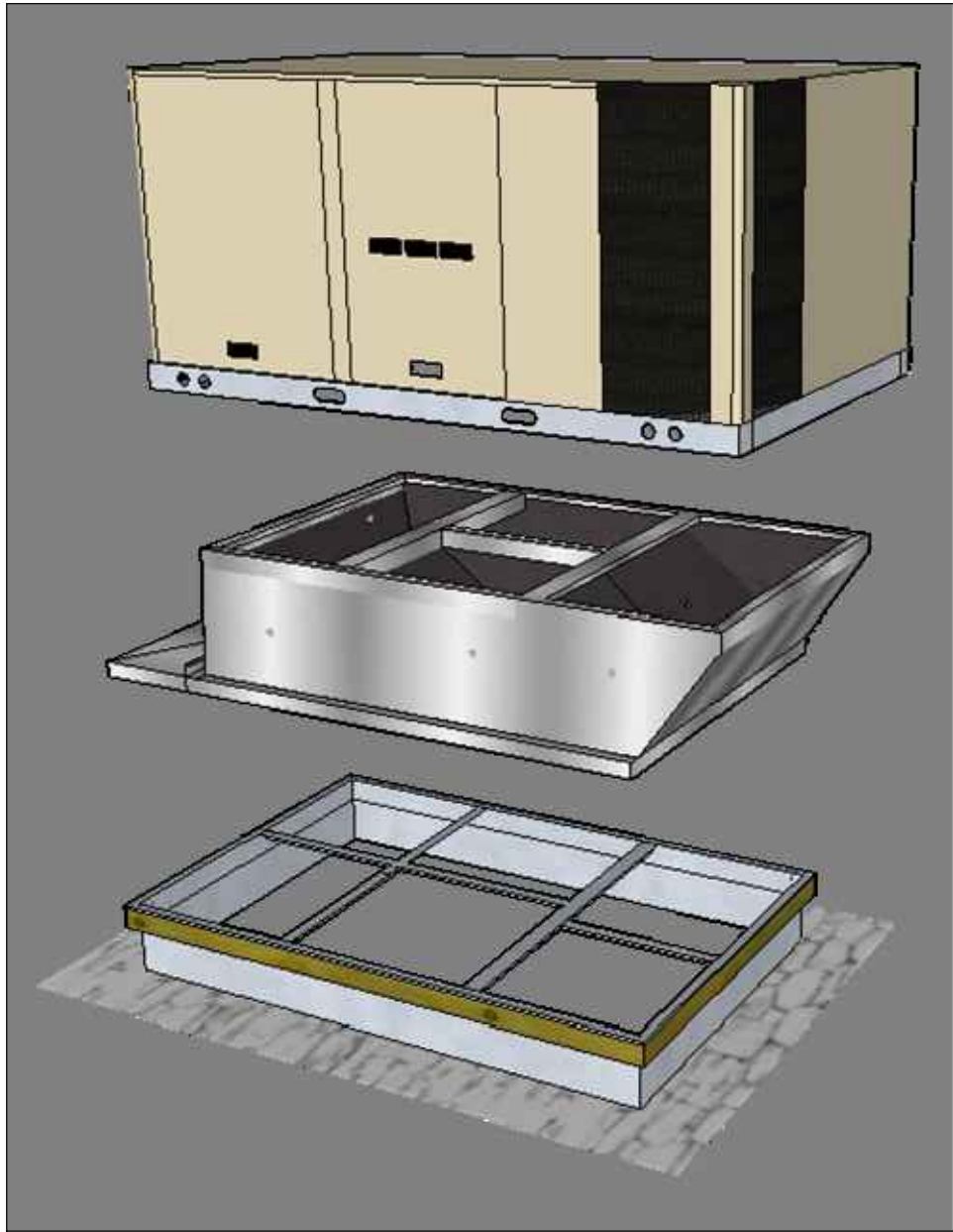
EXISTING HVAC  
N.T.S.



EXISTING HVAC  
N.T.S.



1 HVAC CURB DETAIL  
N.T.S.



2 HVAC CURB ADPATOR  
N.T.S.

ROOF TOP AIR CONDITIONING PACKAGE UNIT SCHEDULE

SYMBOL	MANUFACTURER		COOLING		HEATING		TYPE	CFM	POWER	UNIT MINIMUM CIRCUIT CAPACITY	UNIT OPERATING WEIGHT LBS	MIN. OSA CFM	REMARKS
	MAKE	MODEL	TOTAL (MBH)	SEER	INPUT MBH	HSFP							
RTU 1	CARRIER	48HCDA065A0B0A0	72	14.0	75	8.0	GAS	2,000	208-3-60	275	* 600	450	UNIT INCLUDES ECONMIZER

\* OPERATING WEIGHT OF THE NEW UNIT IS 354 LBS, THIS IS LESS THAN THE OPERATING WEIGHT OF THE EXISTING HVAC UNIT BEING REMOVED.  
EXISTING HVAC UNIT TO BE REMOVED: CARRIER 48HDT006450 OPERATING WEIGHT: 685 LBS

AIR BALANCE NOTE

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS SHALL BE  
BALANCED IN ACCORDANCE FOLLOWING METHOD IN ACCORDANCE  
WITH CMC 317.I REQUIREMENTS.

a. ASHRAE III

OUTDOOR AIR SUPPLY NOTE:

1. BACKDRAFT DAMPERS SHALL BE PROVIDED IN OUTDOOR AIR SUPPLY  
AND EXHAUST SYSTEMS.

DUCT SEALING AND LEAKAGE

DUCT SEALING AND LEAKAGE HERS TESTING WILL BE REQUIRED FOR  
THIS PROJECT. DUCT SYSTEM SHALL BE SEALED AS CONFIRMED  
THROUGH FIELD VEFICATION AND DIAGNOSTIC TESTING ( HERS TESTING)

DUCT NOTES:

ALL CONCEALED DUCT WORK SHALL BE FLEX DUCT, OWENS CORNING FIBERGLASS  
DUCT MATERIAL WITH GLASS FIBER REINFORCED EMBOSSED ALUMINUM  
SURFACE.

DUCT WORK SHALL BE RUN IN ATTIC/ CEILING SPACE. MIN R-8 INSULATION

ALL DUCT MATERIALS AND GAUGES SHALL BE PER ANSA SMACNA 006-2006  
HVAC DUCT CONSTRUCTION STANDARDS. ( CMC 602.I)

JOINT VENTURE PROJECT



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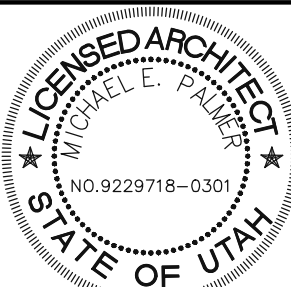
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PROJECT TITLE:

EUROPEAN WAX  
CENTER  
1440 S FOOTHILL DR  
SUITE 140  
SALT LAKE CITY, UT  
84108

SHEET DESCRIPTION

MECHANICAL ROOF  
AND DETAILS



REVISIONS:

OWNER REVIEW  
08-30-2019- Plan Check Corrections

OWN TB  
DATE 8-22-2019  
CHK TB  
SCALE AS NOTED  
PROJ. 2019-50

SHEET  
M2.0