NOTES:

A. PROVIDE ALL EXPOSED INSULATED SUCTION LINES WITH SEAL TACK COATING, ALUMINUM JACKETING OR OTHER APPROVED PROTECTIVE MEANS.
B. CONTROL THERMOSTAT WIRING TO BE WRAPPED NEATLY AROUND LIQUID LINE AND INSULATED SUCTION LINE.

5 NTS — ROOF MOUNTED CONDENSING UNIT PIPING DETAIL (REFRIGERANT & ELECTRICAL ABOVE GRADE)

4 NTS — ELEVATOR RELIEF VENTING DETAIL

NOTES:

1. SUPPORTS SHALL BE INSTALLED A MAXIMUM 8'-0" O.C. AND AT EACH CHANGE OF DIRECTION OF PIPING.

3 NTS — ROOF PIPING SUPPORT DETAIL

NOTE:
ALL ROOF TOP EQUIPMENT AND SUPPORTS SHALL BE SECURED TO THE STRUCTURE IN COMPLIANCE WITH THE LOADING REQUIREMENTS OF CHAPTER 16 (HIGH-VELOCITY HURRICANE ZONES)

ANCHOR SCHEDULE		
ANCHOR TYPE	HOST STRUCTURE	ANCHOR DESCRIPTION
1	STEEL	3/8"ø SAE GRADE 5 SHEET METAL SCREWS WITH 1"ø MIN. WASHER, TO STRUCTURAL A36 STEEL MEMBERS (3/16" MIN HOST THICKNESS)
2	CONCRETE	3/8"ø CARBON STEEL WEDGE-BOLT CONCRETE ANCHOR WITH 1"ø MIN. WASHER, 2 1/2" EMBEDMENT & 6" MIN EDGE DISTANCE, 4 ANCHORS PER BASE PLATE, ONE IN EACH CORNER
3	WOOD	3/8"ø SAE GRADE 5 THREADED RODS WITH 3/4" MIN. WASHER AND LOCKING NUTS. 4 ANCHORS PER BASE PLATE, ONE IN EACH CORNER
4	STEEL	3/8"ø SAE GRADE 5 THRUBOLT WITH 1"ø MIN. WASHER & NUT, TO STRUCTURAL A36 STEEL MEMBERS (3/16" MIN HOST THICKNESS)

CLEARANCE BELOW RAISED ROOF MOUNTED MECHANICAL UNITS	
WIDTH OF EQUIPMENT (IN)	HEIGHT OF LEGS (IN)
< 24	14
25 < 36	18
36 < 48	24
48 < 60	30
> 60	48

2 NTS — CONDENSER RACK DETAIL

1 NTS — WALL MOUNTED SPLIT SYSTEM SUPPORT DETAIL

ADAM J BARNEY
LICENSE
No. 69124
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Adam Barney
Jan 17 2018 3:07 PM

PERMIT REVIEW STAMP

ISSUE HISTORY

No.	Date	Description
1	1/18/2018	ISSUE FOR PERMIT

REVISION HISTORY

No.	Date	Description

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SUMMER BAY APTS. II	Drawn: MJR/KCM
LAKE COUNTY, FL	Checked: BLS/AJB
	Approval: BLS/AJB
	Date: 11/10/2017
	Project #: 5389

DETAILS - MECHANICAL

M6.03

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