## CONDUIT & CONDUCTOR SIZES: (X)

(A) 4 SETS [(4)#500 kcmil AL., 4"C.]

(B) (3)#2/0 AWG AL., (1)#4 AWG AL. GND., SER CABLE

(C) (4)#500 kcmil AL., (1)#2 AWG AL. GND., IN 4"C.

## GENERAL NOTES:

A. DO NOT SCALE ELECTRICAL DRAWING FOR ANY DIMENSIONS.

B. ALL WORK SHALL COMPLY WITH THE 2014 NATIONAL ELECTRIC CODE, NATIONAL, STATE AND LOCAL CODES. PROVIDE GROUNDING AND BONDING PER NEC 250

C. COORDINATE ALL WORK WITH LOCAL UTILITY COMPANY.

NOTE:
PER (FBC C405.7.3):
FEEDERS ARE DESIGNED FOR A MAXIMUM VOLTAGE DROP OF 2% AT DESIGN LOAD.
BRANCH CIRCUITS ARE DESIGNED FOR A MAXIMUM VOLTAGE DROP OF 3% AT DESIGN LOAD.

## REFERENCE NOTES: (X)

(1) REFER TO CIVIL DRAWINGS FOR LOCATION OF UTILITY TRANSFORMER.

(2) COORDINATE ALL REQUIREMENTS WITH LOCAL UTILITY COMPANY PRIOR TO ROUGH-IN AND PROVIDE AS REQUIRED.

(3) COORDINATE ROUTING OF SERVICE ENTRANCE RATED CABLE WITH GENERAL CONTRACTOR AND ARCHITECT PRIOR TO ROUGH-IN.

(4) COORDINATE LOCATION WITH CIVIL DRAWINGS, OWNER AND UTILITY COMPANY PRIOR TO ROUGH-IN. PROVIDE METER LABELING AS REQUIRED BY UTILITY COMPANY.

(5) PROVIDE HARD WIRED SURGE PROTECTIVE DEVICE OF SAME MANUFACTURER AS PANEL/METER CENTER.

H1 Power Riser Diagram - Meter Center #2B
No Scale

PERMIT REVIEW STAMP

### ISSUE HISTORY

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

### REVISION HISTORY

| No. | Date | Description |
|---|---|---|


FUGLEBERG KOCH
2555 Temple Trail, Winter Park, FL 32789 (407) 629-0595
www.fuglebergkoch.com BR569

CONSULTANT
Joseph, Lawrence & Co
Consulting Engineers
1180 HARWOOD AVE. SUITE 3000
ALTAMONTE SPRINGS, FLORIDA 32714
TEL: 321.972.4466
WWW.JLCENG.COM
CA NO. 28730


JLC 17.0137.00

Blake Lawrence Suddeth
P.E. #: 69060

BLAKE L SUDDETH LICENSE No. 69060 STATE OF FLORIDA PROFESSIONAL ENGINEER

Blake Suddeth
Jan 17 2018 2:47 PM

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

RISER DIAGRAMS - ELECTRICAL

E5.04

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