D1 ENLARGED TYPICAL UNIT TYPE 'A1' - ELECTRICAL
1/4" = 1'-0"

H1 ENLARGED TYPICAL UNIT TYPE 'A1S' - ELECTRICAL
1/4" = 1'-0"

H5 ENLARGED TYPICAL UNIT TYPE 'S1' - ELECTRICAL
1/4" = 1'-0"

REFERENCE NOTES: (X)

1. CONNECT MECHANICAL UNIT VIA INTEGRAL DISCONNECT PROVIDED WITH UNIT. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
2. PROVIDE CIRCUIT BREAKER FEEDING WATER HEATER WITH "LOCK OUT" STYLE BREAKER HANDLE PER NEC 422.31.
3. PROVIDE 120V ELECTRICAL CONNECTION FOR MICROWAVE/HOOD CONNECTION. INSTALL JUNCTION BOX AT 78"AFF INSIDE THE CABINET. COORDINATE LOCATION WITH MILLWORK INSTALLER PRIOR TO ROUGH-IN.
4. REFER TO POWER RISER DIAGRAM AND UNIT PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
5. PROVIDE ELECTRICAL CONNECTION TO UNIT'S ASSOCIATED CONDENSING UNIT. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. COORDINATE ROUTING OF CONDUIT THROUGH BUILDING WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN. INCREASE WIRE SIZE AS REQUIRED FOR CIRCUIT LENGTH PER FBC AND NEC.
6. PROVIDE COMBINATION 120V TAMPER RESISTANT RECEPTACLE AND USB CHARGER OUTLET (COOPER #TR7741 OR APPROVED SUBSTITUTION). COLOR AS SELECTED BY OWNER. PROVIDE JUNCTION BOX SIZED AS REQUIRED BY NEC AND MANUFACTURER FOR DEVICE. COORDINATE OUTLET LOCATION WITH OWNER PRIOR TO ROUGH-IN.
7. 12"x18"x3" DEEP FLUSH MOUNTED CABINET WITH DOOR FOR TELEPHONE AND TV CABLE TERMINATIONS. "NTC" CABINET. INSTALL AT 52"AFF TO BOTTOM OF CABINET. CONTRACTOR TO PULL AND LABEL ALL LINES IN STAR CONFIGURATION.
8. PROVIDE 120V CONNECTION FOR DISHWASHER. COORDINATE CONNECTION REQUIREMENTS AND LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
9. PROVIDE 120V CONNECTION FOR GARBAGE DISPOSAL. COORDINATE CONNECTION REQUIREMENTS AND LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
10. PROVIDE 120V OUTLET FOR REFRIGERATOR, 48"AFF.
11. PROVIDE 240V/50A/1ø OUTLET FOR RANGE. COORDINATE PLUG CONFIGURATION AND LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
12. PROVIDE 240V/30A/1ø OUTLET FOR DRYER. COORDINATE PLUG CONFIGURATION AND LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
13. PROVIDE 120V OUTLET FOR WASHER, 36"AFF.
14. LOCATE 120V RECEPTACLE IN LOW WALL BELOW COUNTER HEIGHT. COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN. PER NEC 210.52(C)(5)

GENERAL NOTES:

A. DO NOT SCALE ELECTRICAL DRAWINGS 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. SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM SIZE REQUIRED BY NEC. ALL CONDUCTORS SHALL HAVE AN EQUIPMENT GROUND WIRE SIZED PER NEC.

D. FIELD VERIFY EXACT LOCATION OF ALL DEVICES AND EQUIPMENT PRIOR TO ROUGH IN.

E. ALL 120V, SINGLE PHASE, 15A AND 20A BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT AS REQUIRED BY NEC 210.12 AND LOCAL ORDINANCES.

F. ALL 125V, 15A AND 20A RECEPTACLES INSTALLED IN DWELLING UNITS SHALL BE LISTED TAMPER-RESISTANT AS REQUIRED BY NEC 406.12.

G. ALL SMOKE DETECTORS IN DWELLING UNITS SHALL BE INTERCONNECTED AND INSTALLED IN ACCORDANCE WITH NFPA 101, 2015 EDITION, SECTION 30.3.4.5.

H. ALL FIRE ALARM NOTIFICATION APPLIANCES LOCATED IN SLEEPING AREAS SHALL BE OF A LOW FREQUENCY SIGNAL TYPE IN ACCORDANCE WITH NFPA 72, 2014 EDITION, SECTION 18.4.5.3.

PERMIT REVIEW STAMP

ISSUE HISTORY

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

REVISION HISTORY

No.	Date	Description

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Approval:	BLS/AJB
Date:	11/10/2017
Project #:	5389

SUMMER BAY APTS. II
LAKE COUNTY, FL

ENLARGED TYPICAL UNIT PLANS - ELECTRICAL

E4.01

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

Blake Suddeth
Jan 17 2018 2:44 PM

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