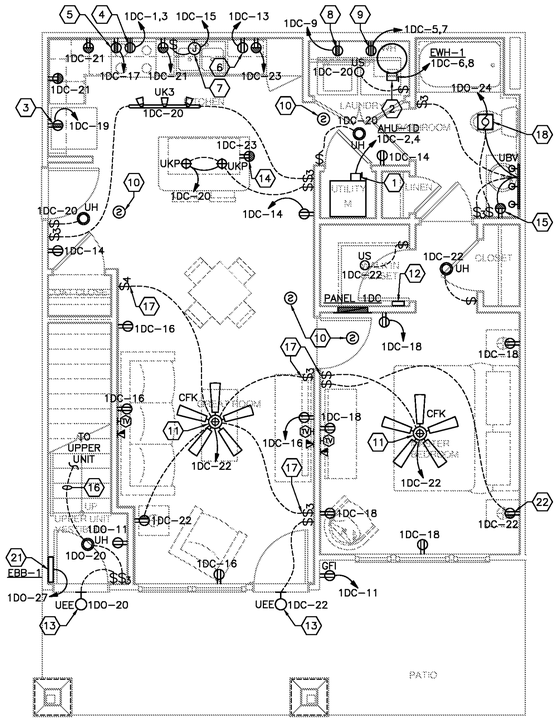
DWELLING LOAD CALCULATION

Unit 1DC SQ FT = 760

GENERAL LOAD		
GENERAL LIGHTING AND RECEPTACLE	3 VA PER SQ FT	2280 VA
SMALL APPLIANCE / LAUNDRY	3 1500VA EACH	4500 VA
DRYER		5600 VA
WATER HEATER		4500 VA
ELECTRIC RANGE		9600
SUBTOTAL		26480 VA
		VA
FIRST 3KVA @ 100%		3000 VA
REMAINDER @ 40%		9392 VA
SUBTOTAL		12392 VA
HVAC @100%		6400 VA
TOTAL		18792 VA
TOTAL/240V =		78 AMPS



1 UNIT - 1DC
1/4" = 1'-0"

GENERAL NOTES

ELECTRICAL OUTLETS OR BOXES LOCATED ON OPPOSITE SIDES OF RATED WALLS OR PARTITIONS SHALL MEET ONE OF THE FOLLWING CRITERIA:

1. BOXES SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24".
2. BOXES SHALL BE SURROUNDED ON 5 SIDES WITH FIRE RATED GYPSUM BOARD TO MAINTAIN THE FIRE RATING OF THE WALL.
3. BACK OF BOXES SHALL BE WRAPPED IN FIRE RESISTANT PUTTY SIMILAR TO SPEC–SEAL FIRE RATED PUTTY PADS.
4. PROVIDE 2 HOUR RATED BACK BOXES AND OFFSET BY THE WIDTH OF THE BOX.

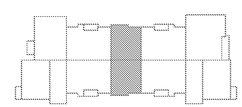
KEYED NOTES

1. AIR HANDLING UNIT CONNECTION.
2. WATER HEATER CONNECTION LOCATED ABOVE DRYER.
3. REFRIGERATOR CONNECTION MOUNT @ 60" AFF.
4. RANGE CONNECTION.
5. MICROWAVE/HOOD CONNECTION. MOUNT @ 76" AFF.
6. DISHWASHER CONNECTION.
7. GARBAGE DISPOSAL CONNECTION
8. WASHER CONNECTION. MOUNT @ 48" AFF.
9. DRYER CONNECTION. MOUNT @ 48" AFF. PROVIDE 4 WIRE RECEPTACLE.
10. CONNECT SMOKE DETECTOR AND COMBINATION CARBON MONOXIDE SENSOR/SMOKE DETECTOR AHEAD OF ALL SWITCHING AND GFI DEVICES. MAINTAIN 36" CLEARANCE FROM HVAC SUPPLY GRILLES. TIE ALL DETECTORS TOGETHER SO THAT AN ALARM IN ANY DETECTOR WILL CAUSE ALL DETECTORS IN THAT UNIT TO SOUND. PROVIDE ADDRESSABLE SMOKE DETECTOR WITH SOUNDER BASE TO PROVIDE NFPA 72 SOUND PRESSURE LEVEL.
11. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL CEILING FAN. SEE LIGHT FIXTURE SCHEDULE.
12. CABINET FOR COLLECTION OF TELEPHONE, DATA AND TELEVISION WIRING FROM OUTLETS WITHIN THE UNIT. MOUNT AT 8'–0" A.F.F.
13. CONNECT VIA SWITCH TO APPROPIATE UNIT.
14. MOUNT BROWN RECEPTACLE WITH BROWN PLATE 8" BELOW TOP OF COUNTER TO BOTTOM.
15. GFI MOUNTED 8" ABOVE COUNTER IN BATHROOM.
16. CONNECT ALL DEVICES IN THIS FOYER TO ASSOCIATED 2ND FLOOR UNIT.
17. PROVIDE SWITCH FOR CEILING FAN CONTROL. PROVIDE FOR 3–WAY OR 4–WAY CONTROL OF LIGHT WHERE APPLICABLE.
18. EXHAUST FAN IN BATHROOM. CONNECT TO LIGHTING CIRCUIT.
19. PROVIDE FAN RATED BOX WITH BLANK COVER FOR FUTURE FAN OR LIGHTING FIXTURE. PROVIDE CEILING FAN TYPE "CF" IN CONCIERGE UNITS OR AS NOTED ON ARCHITECTURAL DRAWINGS.
21. PROVIDE POWER CONNECTION TO ELECTRIC BASEBOARD HEATER INSTALLED IN VESTIBULE BY DIV 15. POWER FROM RESPECTIVE TENANT PANEL.
22. CONNECT THE BOTTOM HALF OF OUTLET TO SWITCH.

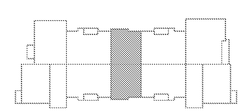
ALL ELECTRICAL DESIGN AND INSTALLATION SHALL COMPLY WITH 2011 NEC.

ALL GENERAL RECEPTACLES REQUIRED BY NEC 210.52 SHALL BE TAMPER–RESISTANT.

UPGRADED LIGHT FIXTURES "UCK" AND "UCP" TO BE INSTALLED IN ALL CONCIERGE UNITS OR AS NOTED ON ARCHITECTURAL DRAWINGS.



G24 FIRST FLOOR



B20 FIRST FLOOR

PHILLIPS

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SEAL

ISSUE & REVISION RECORD

#	DATE	DESCRIPTION
	07/07/14	BID SET

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PROJECT

SPRINGS AT FREMAUX TOWN CENTER
SLIDELL, LA

CLIENT

CONTINENTAL PROPERTIES
CONTINENTAL 294 FUND LLC
W134 N8675 EXECUTIVE PARKWAY
MENOMONEE FALLS, WI 53051
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PHILLIPS JOB NUMBER 1333104

ISSUE DATE 07/07/14

DRAWN BY/CHECKED BY KMK/JDP

DRAWING TITLE

UNIT 1DC:
POWER AND
LIGHTING PLANS

SHEET NUMBER

E4.1DC

NORTH TERRACES
400 PERIMETER CENTER TERRACE
SUITE 650
ATLANTA, GEORGIA 30346