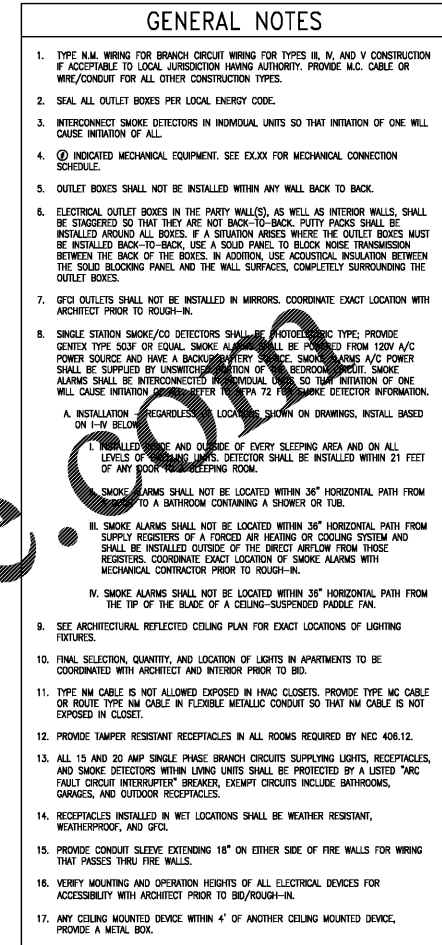
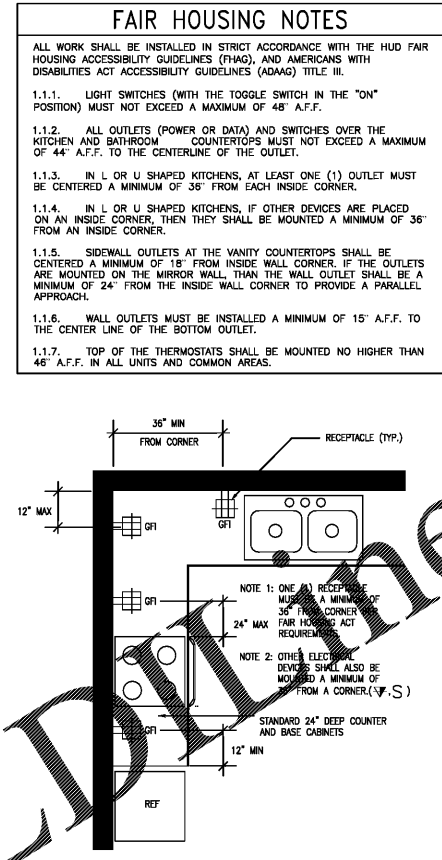


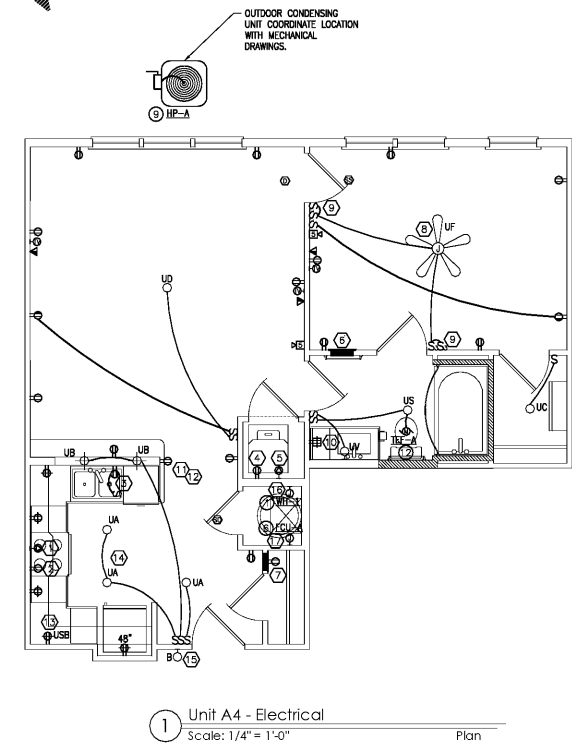
Order Plans @ www.lpdline.com

LOAD CENTER A4 SCHEDULE											
TABLE	2017	175	175	175	175	175	175	175	175	175	175
NO.	DESCRIPTION	LOAD (VA)	PHASE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE
1	Refrigerator (R)	1.2	201V	3P							
2	Dishwasher (D)	0.7	120V	1P							
3	Appliance (A)	1.3	201V	3P							
4	Appliance (A)	1.3	201V	3P							
5	Appliance (A)	1.3	201V	3P							
6	Appliance (A)	1.3	201V	3P							
7	Appliance (A)	1.3	201V	3P							
8	Appliance (A)	1.3	201V	3P							
9	Appliance (A)	1.3	201V	3P							
10	Appliance (A)	1.3	201V	3P							
11	Appliance (A)	1.3	201V	3P							
12	Appliance (A)	1.3	201V	3P							
13	Appliance (A)	1.3	201V	3P							
14	Appliance (A)	1.3	201V	3P							
15	Appliance (A)	1.3	201V	3P							
16	Appliance (A)	1.3	201V	3P							
17	Appliance (A)	1.3	201V	3P							
18	Appliance (A)	1.3	201V	3P							
19	Appliance (A)	1.3	201V	3P							
20	Appliance (A)	1.3	201V	3P							
21	Appliance (A)	1.3	201V	3P							
22	Appliance (A)	1.3	201V	3P							
23	Appliance (A)	1.3	201V	3P							
24	Appliance (A)	1.3	201V	3P							

LOADCENTER "A4" CALCULATION		
(PER 2017 NEC 220.80)		
LIGHTING AND RECEPTACLE LOAD	720	VA
TMU 20A APPLIANCE CIRCUITS	3,600	VA
LAUNDRY CIRCUIT	1,500	VA
RANGE	8,000	VA
WATER HEATER	4,500	VA
DISHWASHER	744	VA
CLOTHES DRYER	5,000	VA
REFRIGERATOR	1,200	VA
DISPOSAL	480	VA
RECIPROCATING AIR CONDITIONING	850	VA
FURNACE FAN	585	VA
SUBTOTAL	29,729	VA
FIRST 50kVA @ 100%	10,600	VA
40% OF REMAINDER	7,462	VA
SUBTOTAL PER NEC 220.80(B)	17,462	VA
DIVC		
COMPRESSOR	2,064	VA
HEAT	5,500	VA
TOTAL HEAT	6,784	VA
HEAT @ 80% & COMP @ 100% PER NEC 220.82(C)	5,434	VA
SUBTOTAL PER NEC 220.82(B)	17,462	VA
DIVC PER NEC 220.82(C)	5,434	VA
TOTAL DEMAND LOAD	22,896	VA



- ### UNIT PLAN KEY NOTES (THIS SHEET ONLY)
- 1 - PROVIDE (NEMA 14-50R) RECEPTACLE W/2#6, #10G CIRCUIT FOR RANGE. PROVIDE RANGE CORD.
 - 2 - PROVIDE (NEMA 5-20R) RECEPTACLE W/2#12, #12G CIRCUIT FOR RANGE HOOD/MICROWAVE.
 - 3 - MOUNT UNDER CABINET, BREAK TABS, TOP RECEPTACLE SHALL BE CONTROLLED BY SWITCH FOR DISPOSAL. BOTTOM RECEPTACLE SHALL BE UNSWITCHED FOR DISHWASHER. PROVIDE 4' SO CORD WITH 3 PRONG PLUG FOR DISHWASHER AND 3' SO CORD WITH 3 PRONG PLUG FOR GARBAGE DISPOSAL. MOUNT SWITCH INSIDE BASE CABINET. PROVIDE 2 CIRCUITS AS INDICATED ON THE LOAD CENTER SCHEDULE.
 - 4 - PROVIDE A (NEMA 5-20R) RECEPTACLE MTD 48" AFF WITH 2#12, #12G. FOR WASHER.
 - 5 - PROVIDE A (NEMA 14-30R) RECEPTACLE MTD 48" AFF WITH 3#10, #10G CIRCUIT FOR CLOTHES DRYER. PROVIDE DRYER CORD.
 - 6 - FLUSH MOUNTED LOAD CENTER (W/FLUSH MOUNT COVER, 1/2" OVERLAP); CONTRACTOR SHALL VERIFY THAT THERE IS NO PIPING AND/OR DUCTWORK INSTALLED ABOVE LOADCENTER. MOUNT TOP CIRCUIT BREAKER HANDLE AT 48" AFF. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH ARCHITECT/INTERIOR DESIGNER/OWNER PRIOR TO BID/ROUGH-IN.
 - 7 - PROVIDE (MINIMUM 14" X 28" FLUSH MOUNTED STRUCTURED MEDIA ENCLOSURE WITH LOCKING DOOR, TWO BRIDGED TELEPHONE BOARD AND 6 WAY 1GHz PASSIVE VIDEO SPLITTER. PROVIDE (1) CAT 6 CABLE FROM PUNCH DOWN BLOCK TO EACH DATA/TELEPHONE OUTLET (NO DASH CHAINING) AND (1) CAT 6 CABLE FROM PUNCH DOWN BLOCK TO TELEPHONE SERVICE DEMARCATION LOCATION. PROVIDE (1) RG11 COAXIAL CABLE FROM SPLITTER TO EACH TELEVISION OUTLET (NO DASH CHAINING) AND PROVIDE (1) RG11 COAXIAL CABLE FROM SPLITTER TO CABLE SERVICE DEMARCATION LOCATION. TERMINATE ALL CABLES ON APPROPRIATE TERMINATION POINTS. CLEARLY LABEL EACH PORT IDENTIFYING THE DESTINATION ADDRESS OF EACH CABLE. PROVIDE A MINIMUM OF 12" SLACK CABLE AT EACH OUTLET. PROVIDE (1) 20A DUPLEX RECEPTACLE MOUNTED WITHIN ENCLOSURE. MOUNT ENCLOSURE AT 36" AFF. FIELD VERIFY. SEE TELE/CATV RISER DIAGRAM.
 - 8 - PROVIDE A FAN-RATED JUNCTION BOX RECESSED FLUSH WITHIN CEILING.
 - 9 - 1 SWITCH SHALL CONTROL FAN. 1 SPST OR 3 WAY SWITCH SHALL CONTROL LIGHT.
 - 10 - MOUNT RECEPTACLE HORIZONTALLY WITHIN 12" OF FRONT EDGE OF COUNTER. COORDINATE WITH THE MILL WORK CONTRACTOR FOR OUTLET LOCATION WHEN NO SIDE WALL IS AVAILABLE.
 - 11 - MOUNT HORIZONTALLY 4" BELOW COUNTERTOP WHERE COUNTER OVERHANG DOES NOT EXTEND MORE THAN 6". COORDINATE WITH ARCHITECT.
 - 12 - CONNECT TO GFCI BRANCH CIRCUIT
 - 13 - PROVIDE HUBBLE USB15A5** SERIES TYPE COMBO RECEPTACLE. CIRCUIT DOWNSTREAM OF GFI-PROTECTED OUTLET IF LOCATED IN KITCHEN, WITHIN 6'-0" OF A SINK, OR NOTED AS "GFI".
 - 14 - SEE 1/E1.5 FOR FAIR HOUSING OUTLET SPACING IN KITCHEN
 - 15 - CONNECT TO UNIT LIGHTING BRANCH CIRCUITRY
 - 16 - PROVIDE JUNCTION BOX FOR WATER HEATER.
 - 17 - PROVIDE JUNCTION BOX FOR INDOOR UNIT.



3-19-2021

ZPA
POOLE & POOLE ARCHITECTURE
3736 Winterfield Road, Suite 102
Midlothian, Virginia 23113
Telephone 804.275.0215
www.zpa.net

Project: 1928
CADD File:
Drawn By: SW
Checked By: WM

Permit Release:
May 19, 2020
Construction Release Set:
May 19, 2020

Revisions
No. Date Description
1 03/19/21 Owner Comments

AS/ RFI Revisions
No. Date Description

© 2019 Poole & Poole Architects, LLC
All design and specification work and shall remain the property of Poole & Poole Architects, LLC and shall not be used for any other project without the written consent of Poole & Poole Architects, LLC.

POOLE & POOLE ARCHITECTURE
ENGINEERING, F.C. #14245
1016 N. American Street
Midlothian, VA 23113
Tel: 804.275.0215
Fax: 804.275.0216
www.zpa.net
The Seal is an unexpired one and all data therein is correct as of the date of the Seal. The Seal is valid for the term of the License. The Seal is not valid for any other project without the written consent of Poole & Poole Architects, LLC.

Borough 33
an Apartment Community by
33 Broad MF, LLC
in Chattanooga, Tennessee

Drawing Title:
Unit Plan

E1.5