PANEL 2C1

SERVICE 120/208V, 3PH, 4W — MAIN 400
MTG SURFACE — A.I.C. 42,000 — REMARK MLO

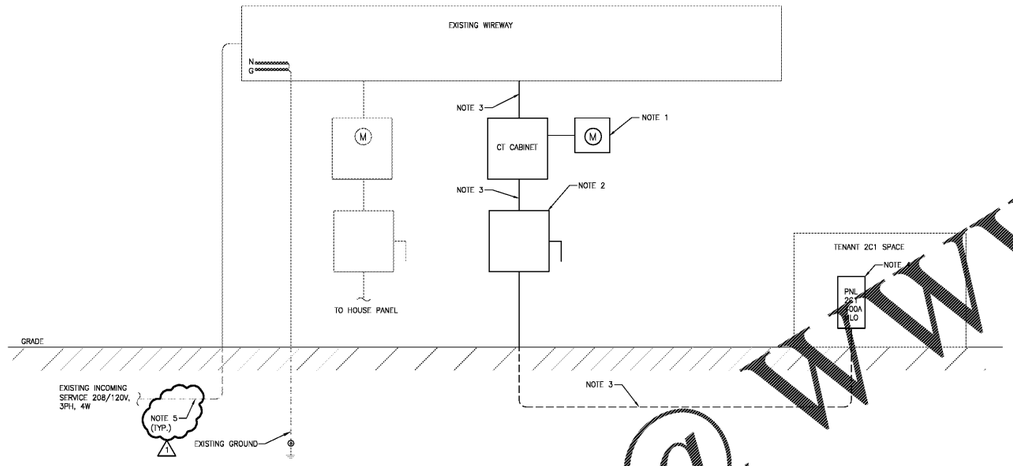
BRANCH CIRCUIT NO	LOAD DESCRIPTION	LOAD(KVA) A	B	C	PHASE	PHASE	LOAD(KVA) A	B	C	LOAD DESCRIPTION	BRANCH CIRCUIT NO
1	RECEPT. - CONV	0.72			20	20	1.08			TV - GENERAL	2
3	RECEPT. - CONV		0.72		20	20		1.2		SIGNAGE	4
5	RECEPT. - HVAC			0.18	20	20			0.54	RECEPT. - SHOWWINDOW	6
7	ATU-2C-1 *	9.48			40	20	6.36			SPARE	8
9			3.48			20		1.8		AH-2C-1	10
11				3.48		20			1.8		12
13	ATU-2C-2 *	3.48			40	20				AH-2C-2	14
15			3.48			20		1.8			16
17				3.48		20					18
19	RECEPT. - TELEPHONE BACKBOARD	0.20			20	20					20
21					20	20					22
23					20	20					24
25					20	20					26
27					20	20					28
29					20	20					30
31					20	20					32
33					20	20					34
35					20	20					36
37					20	20					38
39					20	20					40
41					20	20					42

CONNECTED LOAD: A 11.28 B 12.48 C 9.42 TOTAL 33.22 KVA

* HACR RATED BREAKER

LOAD ANALYSIS

LOAD DESCRIPTION	CONNECTED VA	DEMAND FACTOR	VA DEMAND
LIGHTING – EXTERIOR	0	1.00	0
LIGHTING – INTERIOR	1060	1.25	1325
SIGNAGE	1200	1.25	1500
RECEPTACLES	2520	FIRST 10 KW 100%	2520
	0	REMAINDER @ 50%	0
KITCHEN EQUIPMENT	0	0.65	0
WATER HEATER	7200	1.00	7200
HVAC EQUIPMENT	20880	1.00	20880
3ø MOTORS	0	LGT MOTOR @ 125%	0
	0	PLUS 100% REMAINDER	0
1ø MOTORS	0	LGT MOTOR @ 125%	0
	0	PLUS 100% REMAINDER	0
MISCELLANEOUS	360	1.00	360
TOTALS	33220	DEMAND FACTOR	33785
CALCULATED SERVICE DEMAND AMPERES		93.78	



1 / E8.1 **RISER DIAGRAM**
SCALE: NOT TO SCALE

KEY NOTES:

1. PROVIDE UTILITY METER SOCKET AND CT CABINET AS REQUIRED, CONNECT TO EXISTING WIREWAY.
2. PROVIDE 400A, 600V, RATED DISCONNECT SWITCH WITH 400A FUSES.
3. PROVIDE (2) 600KCMIL, 1 #3G IN EXISTING 3-1/2"C UNDERGROUND CONDUIT WITH METER SOCKET. EXTEND CONDUIT TO TENANT PANEL.
4. PROVIDE 400A M.L.O., 3PH, 4W, 42 POLE PANEL BOARD.
5. THE SITE CONTRACTOR IS RESPONSIBLE FOR ALL CONDUITS OUTSIDE THE BUILDING TO THE POINT THE CONDUIT STUBS ABOVE THE SLAB AT EACH BUILDING. THE BUILDING CONTRACTOR IS RESPONSIBLE FOR THE EXTENSION OF CONDUIT AND ANY ADDITIONAL CONDUIT FOR THE BUILDING OR SHELL DESIGN.

PROVIDE SEPARATE LINE-ITEM COST FOR WORK ASSOCIATED WITH WHITE BOX IMPROVEMENTS FOR SPACE 2C-1

Order Plans @ WWW.LDILine.com

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Rev. No.	Description	Date:
▲	ISSUED FOR BID & PERMIT	03/29/19
▲	ISSUED FOR BID	05/30/19
1	ADDENDUM #1	07/09/19
2	RE-ISSUE FOR BID & PERMIT	10/13/20

Salem Gate Market

ANCHOR 2B AND RETAIL 2C

2C-1 WHITE BOX

1460-1
OLD SALEM ROAD
CONYERS, GEORGIA

ELECTRICAL RISERS AND PANEL BOARD SCHEDULES.
SPARE 2C-1

RAY
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Date:	Drawn By:	Sheet No.:
03/29/19	AK	E8.1 (2)
Project No.:	Rev'd. By:	
18.110	AR	