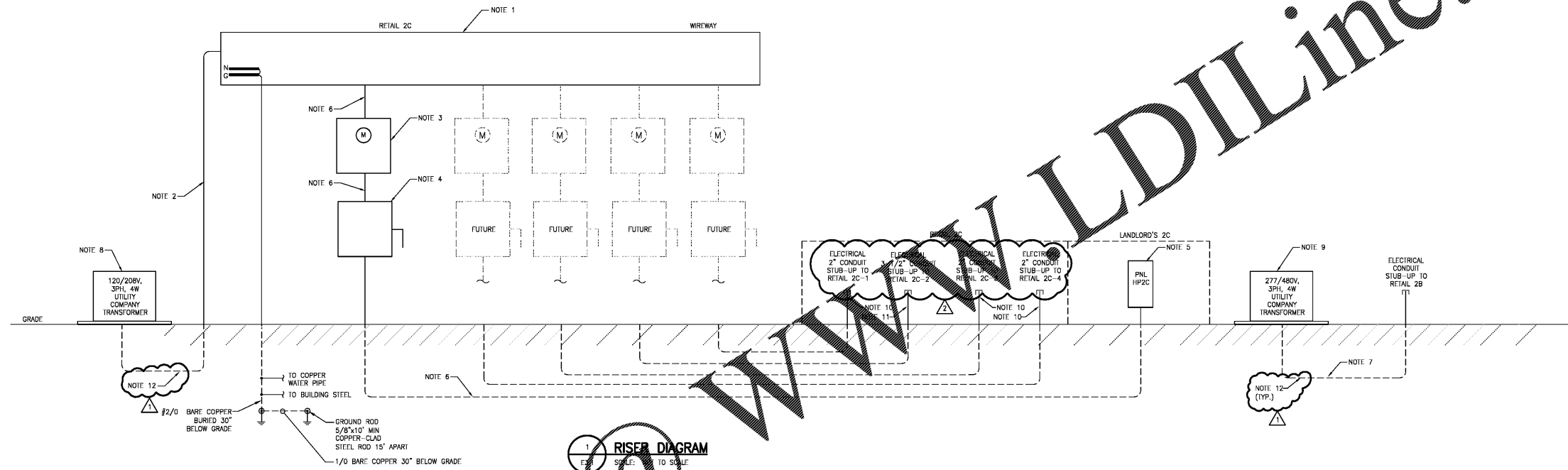


SERVICE		PANEL		MARK		
120/208V, 3PH, 4W		HP2C		100A		
MTG	SURFACE	A.I.C.	42,000	REMARK	M.E.D.	
BRANCH CIRCUIT	LOADS	PHASE			LOAD	BRANCH CIRCUIT
NO.	DESCRIPTION	A	B	C	DESCRIPTION	NO.
1	RECEPT - RETAIL 2C CORVY	0.72	0.72	0.72	TIME SWITCHES TS-1, TS-2, TS-3	2
3	RECEPT - RISER ROOM	0.18	0.18	0.18	PANULIUM SYSTEM	4
5	RTU-4C-3	3.48	3.48	3.48	LOG-RISER ROOM	6
7	RECEPT - HVAC	3.48	3.48	3.48	FACP	8
9	RECEPT - HVAC	3.48	3.48	3.48	MONUMENT SIGR	10
11	RECEPT - HVAC	1.03	1.03	1.03	LOG-INTERIOR	12
13	RECEPT - HVAC	0.18	0.18	0.18	RECEPT - RETAIL 2C	14
15	RECEPT - HVAC	0.18	0.18	0.18	RECEPT - MONUMENT SIGR	16
17	LOG-LANDSCAPE	0.18	0.18	0.18		18
19						20
21						22
23						24
25						26
27						28
29						30
CONNECTED LOAD: A		6.52	6.52	6.52	TOTAL	20.04
						KVA

* HACR RATED BREAKER

LOAD ANALYSIS			
LOAD DESCRIPTION	CONNECTED VA	DEMAND FACTOR	VA DEMAND
LIGHTING - EXTERIOR	1620	1.00	1620
LIGHTING - INTERIOR	610	1.25	763
SIGNAGE	1200	1.25	1500
RECEPTACLES	1620	FIRST 10 KW 100% REMAINDER @ 50%	1620
KITCHEN EQUIPMENT	0	0.65	0
WATER HEATER	0	1.00	0
HVAC EQUIPMENT	13740	1.00	13740
3ø MOTORS	0	LGT MOTOR @ 125% PLUS 100% REMAINDER	0
1ø MOTORS	0	LGT MOTOR @ 125% PLUS 100% REMAINDER	0
MISCELLANEOUS	1330	1.00	1330
TOTALS	20120	DEMAND FACTOR	20573
CALCULATED SERVICE DEMAND AMPERES			57.11

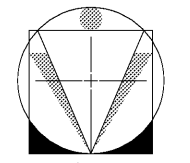


RISER DIAGRAM
SCALE: TO SCALE

- KEY NOTES:**
- PROVIDE 1000A METAL 3R SERVICE ENTRANCE RATED, ELECTRICAL WIREWAY. WIREWAY SHALL BE RATED PER NEC AND SHALL BE SUITABLE TO ACCEPT THE REQUIRED NUMBER OF CIRCUITS.
 - PROVIDE 3 SETS OF 4 #500KCMIL IN 3-1/2" C EACH.
 - PROVIDE UTILITY METER AND METER CAN.
 - PROVIDE 100A, 240V FUSED DISCONNECT SWITCH WITH 100A FUSES.
 - PROVIDE 100A, 120/208V, 3PH, 30 POLE PANEL BOARD.
 - PROVIDE 4 #1, 1 #60 IN 1-1/4" UNDERGROUND PVC CONDUIT WITH METAL ELBOW.
 - PROVIDE 3-1/2" UNDERGROUND PVC CONDUIT WITH METAL ELBOW TO STUB UP LOCATION. FIELD LOCATE STUB-UP LOCATION BEHIND BUILDING 2B. PROVIDE CAP FOR CONDUIT.
 - CONTRACTOR SHALL COORDINATE WITH POWER COMPANY TO PROVIDE 120/208V, 3PH, 4W UTILITY TRANSFORMER TO SITE.
 - CONTRACTOR SHALL COORDINATE WITH POWER COMPANY TO PROVIDE 277/480V, 3PH, 4W UTILITY TRANSFORMER TO SITE.
 - CONTRACTOR TO STUB UP ONE (1) 2" CONDUIT INTO BUILDING BEHIND WIREWAY. CONTRACTOR TO PROVIDE CAP FOR CONDUIT STUB UP. UNDERGROUND PVC CONDUIT WITH METAL ELBOW.
 - CONTRACTOR TO STUB UP ONE (1) 3-1/2" CONDUIT INTO BUILDING BEHIND WIREWAY. CONTRACTOR TO PROVIDE CAP FOR CONDUIT STUB UP. UNDERGROUND PVC CONDUIT WITH METAL ELBOW.
 - 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.

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No.	Description	Date
▲	ISSUED FOR BID AND PERMIT	03/29/19
▲	ISSUED FOR BID	05/30/19
▲	ADDENDUM #1	07/09/19
▲	RE-ISSUED FOR BID AND PERMIT	10/16/20

Salem Gate Market

ANCHOR 2B AND RETAIL 2C

1454 AND 1460
OLD SALEM ROAD
CONYERS, GEORGIA

ELECTRICAL RISERS AND PANEL BOARD SCHEDULES

Date	3/29/19	Drawn by	AK	Sheet No.	E3.1
Project No.	18.110	Checked by	AR		(2)

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