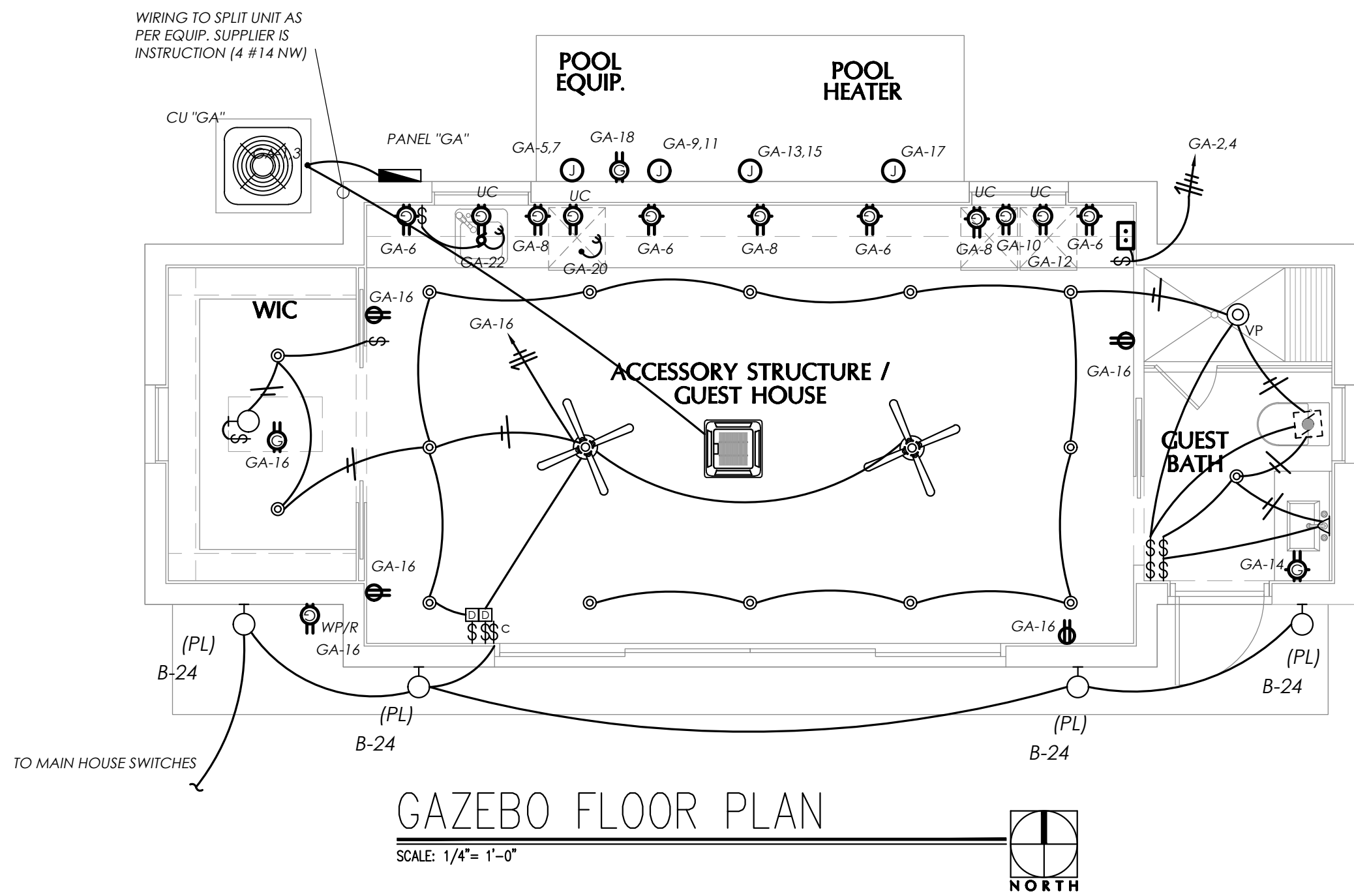
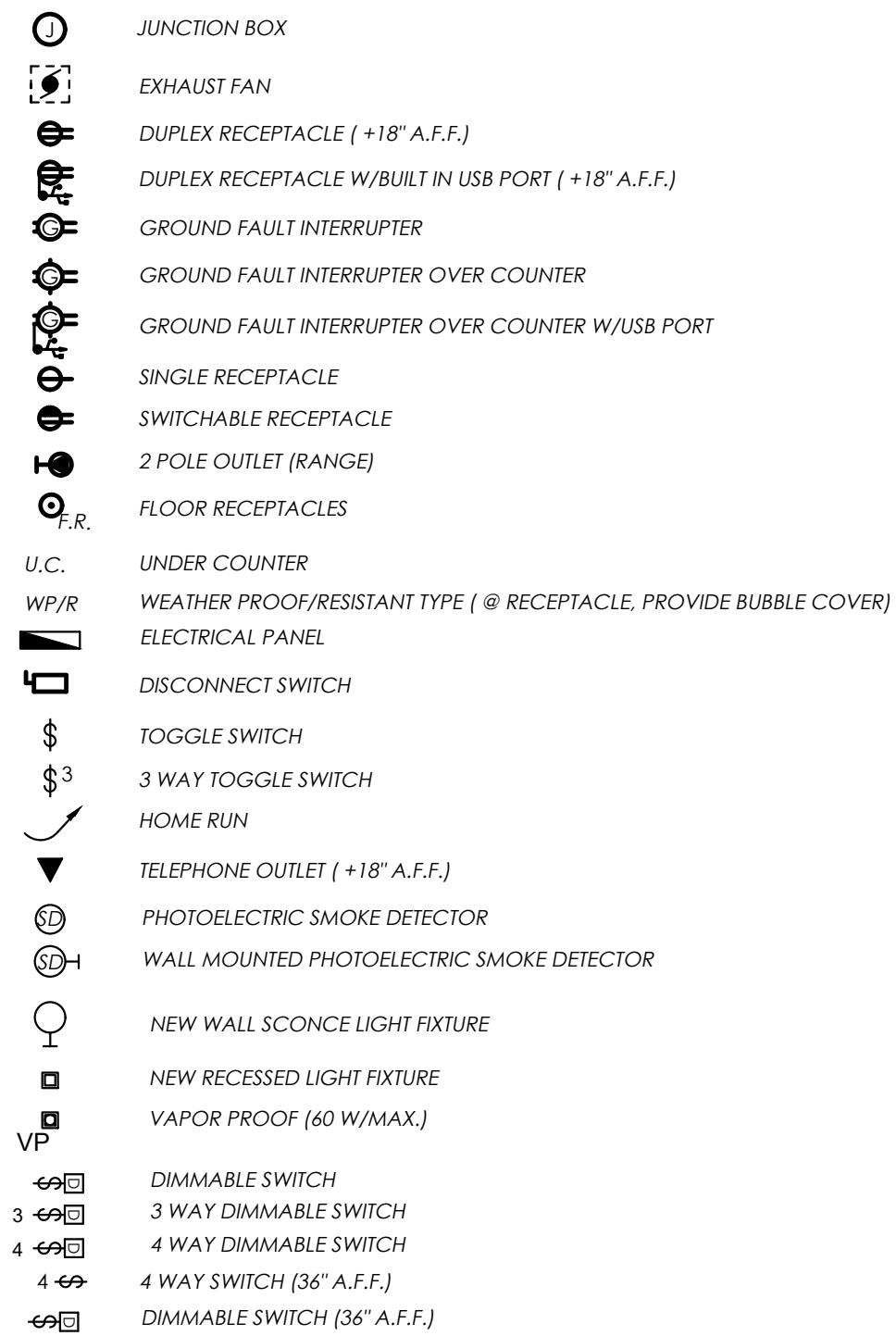


LOAD	CALCULATION	PNL"A"	PNL"B"	PNL"GA"	SERVICE	GENER.	
SQUARE FEET OF CONDITION SPACE		3,960	2,370	550	6,880	6,880	
GENERAL LIGHTING AT 3 W.S.F		11,880	7,110	1,650	20,640	20,640	
SMALL APPLIANCES CIRCUITS		6	0	2	8	4	ST
SMALL APPLIANCES LOAD		9,000	0	3,000	12,000	6,000	
GARAGE DOOR & GATE MOTOR		1,700	0	0	1,700	1,700	ST
LAUNDRY /WASHER		3,000	0	0	3,000	1,500	ST
DOUBLE OVEN/MICRO / COFFEE		12,000	0	0	12,000	0	ST
COOKTOP		6,000	0	0	6,000	0	ST
DRYER		5,000	0	0	5,000	0	ST
POOL EQUIPMENT		0	0	12,600	12,600	0	ST
HOT WATER HEATER		0	0	9,000	9,000	9,000	
STEAM UNIT		0	12,000	0	12,000	0	ST
REFRIGERATOR/ICE MACHINE/WINE		6,250	0	650	6,900	6,900	
DISHWASHER		1,200	0	1,200	2,400	2,400	
DISPOSAL/GARBAGE DISPOSAL		750	0	650	1,400	750	ST
IRIGATION PUMP		0	1,840	0	1,840	0	ST
A/C @ 100 %		16,150	5,575	3,575	25,300	10,575	ST AD
DEMAND							
GEN.LIGH.,LAUNDRY & SMALL APPLINES		25,580	7,110	4,650	37,340	28,140	
FIRST 3 KVA @ 100%		3,000	3,000	3,000	3,000	3,000	
NEXT 117 KVA @ 35%		7,903	1,439	578	12,019	8,799	
REMAINDER @ 25%		0	0	0	0	0	
HEATING OR A/C @ 65%		16,150	5,575	3,575	25,300	10,575	
APPLIANCE LOAD (75% IF > 4 APPLIANCES)		12,900	0	10,875	23,775	18,788	
DRYER		5,000	0	0	5,000	0	
COOKTOP/OVEN		12,000	0	0	12,000	0	
TOTAL		56,953	10,014	18,028	81,094	41,162	
AT 240 VOLT		237	42	75	338	172	
NEUTRAL LOAD CALCULATION							
GENERAL LIGHT, WASHER AND SMALL APP.		25,580	7,110	4,650	37,340	49,100	
FIRST 3000 AT 100%		3,000	0	3,000	3,000	0	
REST AT 35%		7,903	2,489	578	12,019	17,185	
RANGE AT 70%		8,400	0	0	8,400	8,400	
DRYER AT 70%		3,500	0	0	3,500	3,500	
OTHER LOAD		0	1,840	12,600	14,440	0	
TOTAL NEUTRAL LOAD		22,803	4,329	16,178	41,359	29,085	
AT 240 VOLT		95	18	67	172	121	

ELECTRICAL SYMBOL LEGEND



TYPE: LOAD CENTER NEMA 3 R

SERVICE: GAZEBO REAR

VOLTAGE: 120/240V, 1Ø, 3W

MOUNTING: SURFACE

PANEL "GA"

MAIN BUS: 100A

NEUTRAL: 100A

MAIN: 100 A. /2P MCB

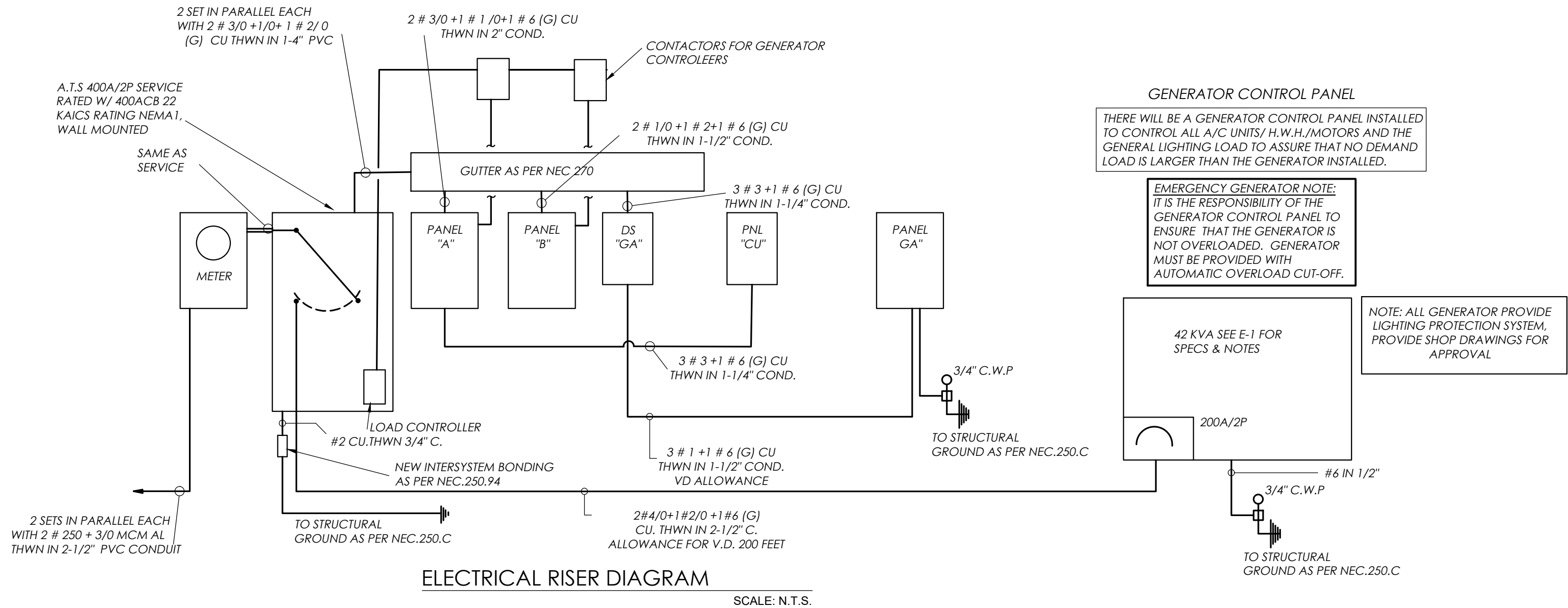
AICS: 10K

AMPS	POLES	TOTAL V.A.	COND. SIZE	WIRE SIZE	REMARKS	C/KT NO.		C/KT NO.	REMARKS	WIRE SIZE	COND. SIZE	TOTAL V.A.	POLES	AMPS
20	2	3200	1/2	10	MIN SPLIT "GA"	1	●	2	INSTANT WATER HEATER	8	1	9000	2	40
						3	●	4						
20	2	1875	1/2	12	[G] POOL PUMP	5	●	6	SMALL APPLIANCES [A/G]	12	1	*	1	20
						7	●	8	SMALL APPLIANCES [A/G]	12	1	*	1	20
20	1	1875	1/2	12	[G] RECIRCULATING PUMP	9	●	10	U.C. REFRIGERATOR [A/G]	12	1	650	1	20
						11	●	12	U.C ICE MAKER [A/G]	12	1	650	1	20
60	2	10,000	1	6	[A/G] POOL HEATER	13	●	14	GFI BATH [A/G]	12	1	*	1	20
						15	●	16	RECEPTACLES/LIGHTS [A]	12	1	*	1	20
20	1	*	1/2	12	[G] POOL LIGHTS	17	●	18	GFI RECEPTACLE [G]	12	1	*	1	20
-	-	-	-	-	SPACE	19	●	20	SPACE	-	-	-	-	-
-	-	-	-	-	SPACE	21	●	22	SPACE	-	-	-	-	-
-	-	-	-	-	SPACE	23	●	24	SPACE	-	-	-	-	-
-	-	-	-	-	SPACE	25	●	26	SPACE	-	-	-	-	-
-	-	-	-	-	SPACE	27	●	28	SPACE	-	-	-	-	-
-	-	-	-	-	SPACE	29	●	30	SPACE	-	-	-	-	-

LOAD CALCULATION: SEE LOAD CALCULATION

FEEDER: SEE RISER

FED FROM: SEE RISER



**PASCUAL
PEREZ
KILIDDJIAN
STARR**
ARCHITECTS + PLANNERS

LICENSE # AA 26001357
 EDGARDO PEREZ, AIA
 LICENSE NO. : AR 0015394
 MARIO P. PASQUAL, AIA
 LICENSE NO. : AR 0008254
 PETER KILIDJIAN, RA
 LICENSE NO. : AR 0093067
 ANDREW STARR, RA
 LICENSE NO. : AR 0095130

AT THE BEACON CENTER
 1330 NW 84TH AVENUE
 DORAL, FLORIDA - 33126
 TELEPHONE: (305) 992-1363
 FACSIMILE: (305) 992-6865
<http://www.pkpchar.com>

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OWNER:
HERITAGE HOME BUILDERS, L
9350 SOUTH DIXIE HIGHWAY
SUITE 1500
MIAMI, FL 33156
PHONE 305.665.3077

NEW CONSTRUCTION AT PINECREST RESIDENCE:
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7725 SOUTHWEST 114 STREET
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CMBeng
Consulting • Design
CMB eng llc.
14850 SW 26 St. #215 • Miami, Florida 33185
O. 786.375.5348 • CMB@CMBeng.com

L.C. No. 35097
www.CMBeng.com
Edmundo Largaespada, P.E.
Professional Engineer
P.E. No. 0056915

GAZEBO
ELECTRICAL FLOOR PLAN

DATE : 03.23.2023
SCALE : AS SHOWN
DRAWN :
CHECK BY:
JOB NO. : 23__0012

E-4

SHEET NO. :

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L.C. No. 35097
www.CMBeng.com
Edmundo Largaespada, P.E.
Professional Engineer
P.E. No. 0056915

Project No.: 23_0012