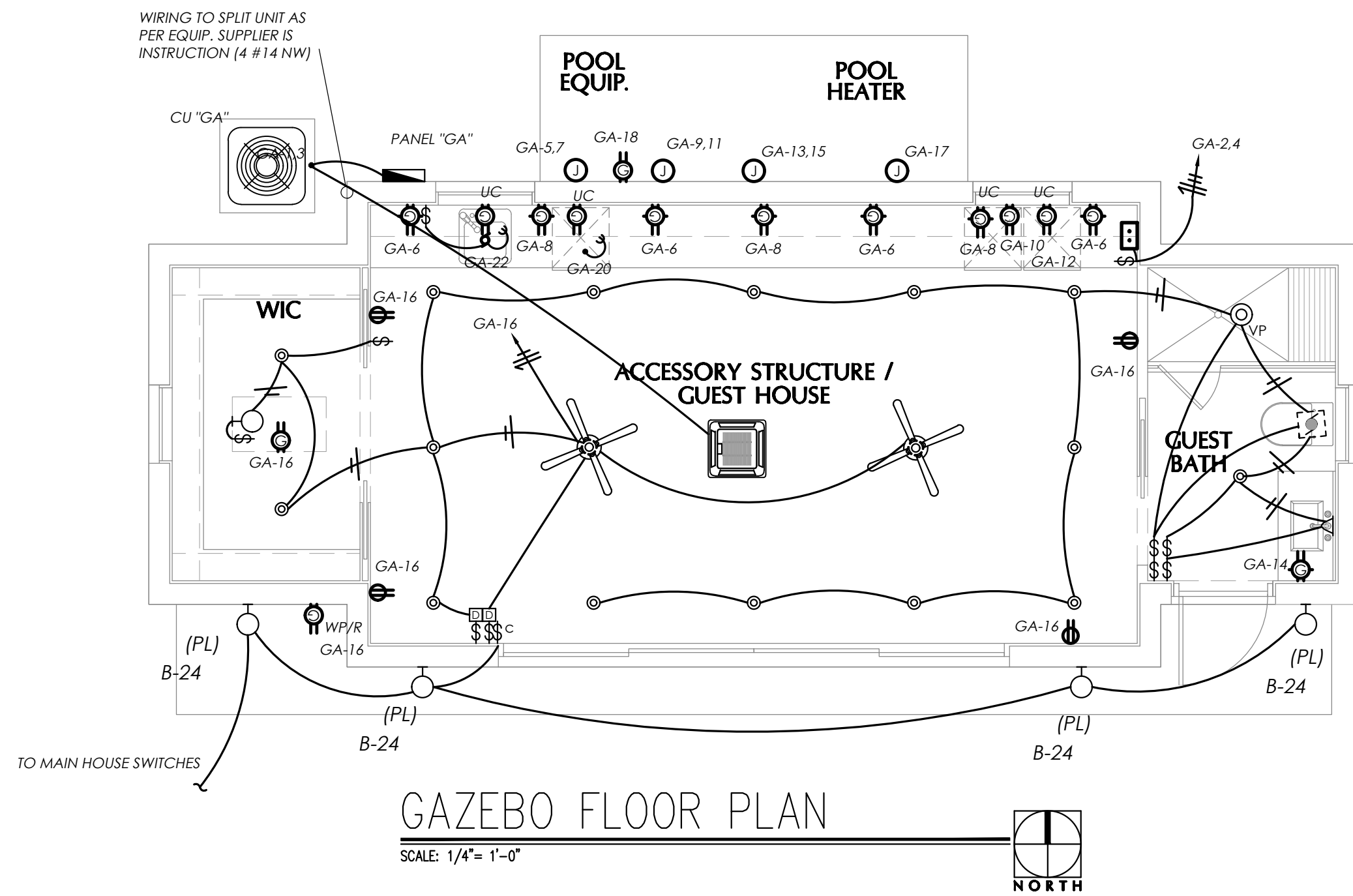
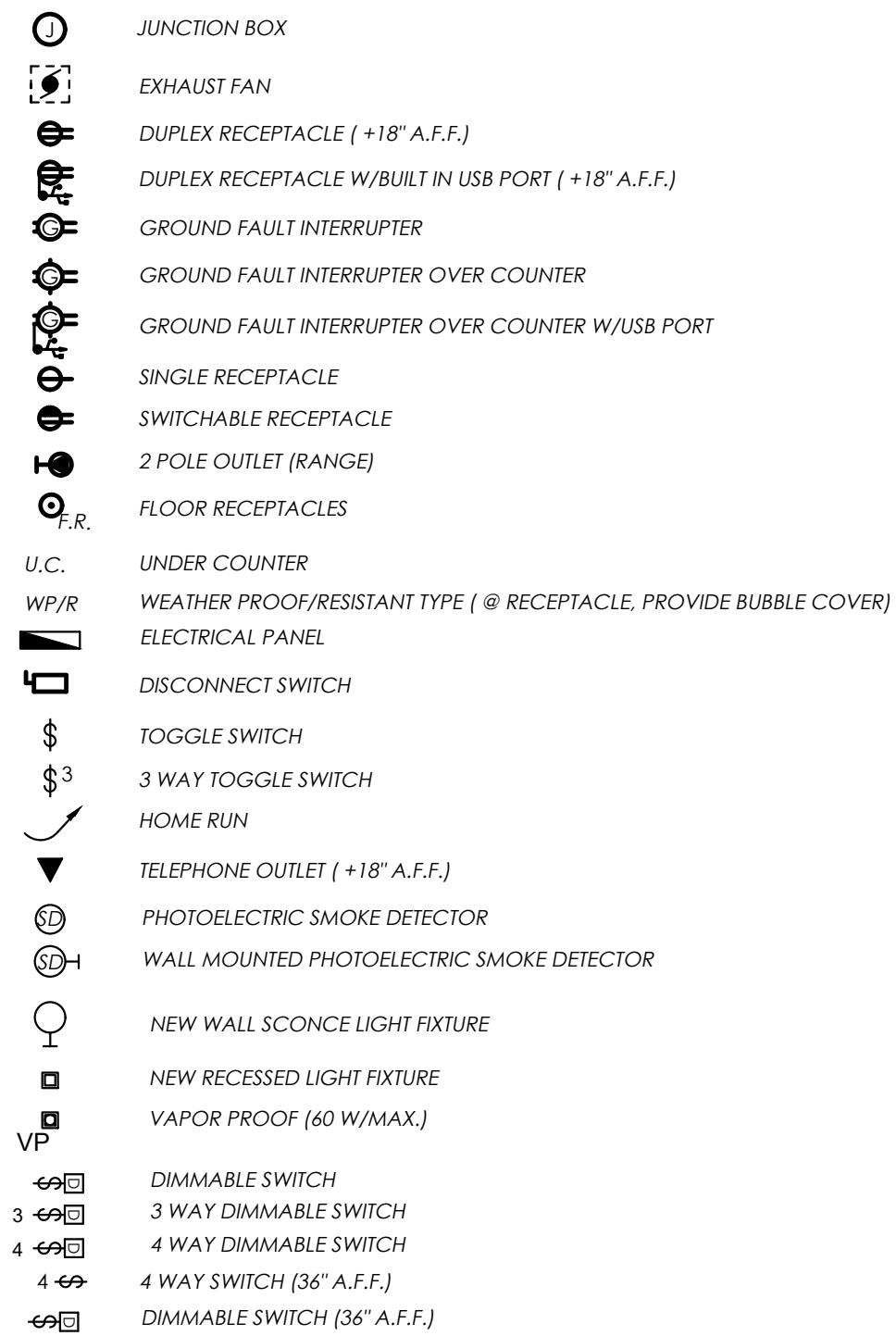


LOAD CALCULATION	PNL"A"	PNL"B"	PNL"GA"	SERVICE	GENER.	
SQUARE FEET OF CONDITION SPACE	3,960	2,370	550	6,880	6,880	
GENERAL LIGHTING AT 3 W.S.F	11,880	7,110	1,650	20,640	20,640	
SMALL APPLIANCES CIRCUITS	6	0	2	8	4	ST
SMALL APPLIANCES LOAD	9,000	0	3,000	12,000	6,000	
GARAGE DOOR & GATE MOTOR	1,700	0	0	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

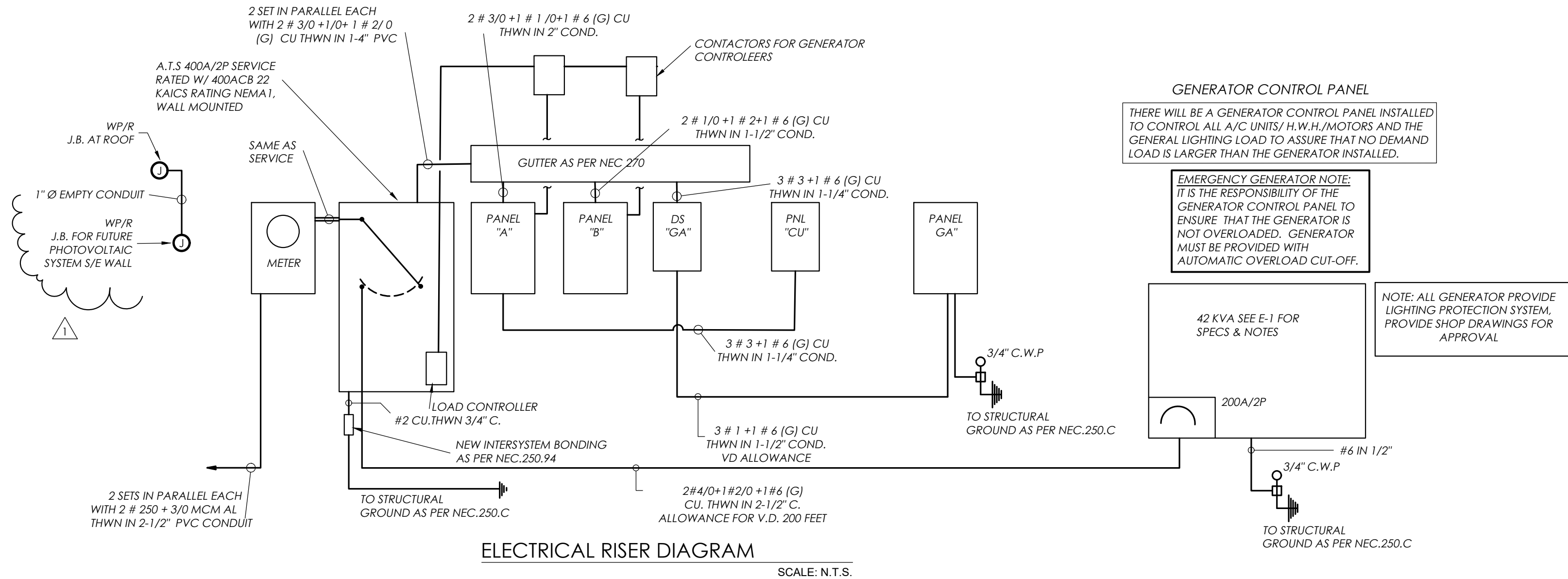
AICS: 1ØK

AMPS	POLES	TOTAL V.A.	COND. SIZE	WIRE SIZE	REMARKS	CKT NO.	CKT 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
20	2	1875	1/2	12	[G] POOL PUMP	3	4	SMALL APPLIANCES [A/G]	12	1	*	1	20
20	1	1875	1/2	12	[G] RECIRCULATING PUMP	5	6	SMALL APPLIANCES [A/G]	12	1	*	1	20
60	2	10,000	1	6	[A/G] POOL HEATER	7	8	U.C. REFRIGERATOR [A/G]	12	1	650	1	20
20	1	*	1/2	12	[G] POOL LIGHTS	9	10	U.C ICE MAKER [A/G]	12	1	650	1	20
-	-	-	-	-	SPACE	11	12	GFI BATH [A/G]	12	1	*	1	20
-	-	-	-	-	SPACE	13	14	RECEPTACLES/LIGHTS [A]	12	1	*	1	20
-	-	-	-	-	SPACE	15	16	GFI RECEPTACLE [G]	12	1	*	1	20
-	-	-	-	-	SPACE	17	18	SPACE	-	-	-	-	-
-	-	-	-	-	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



ELECTRICAL RISER DIAGRAM

SCALE: N.T.S

**PASCUAL
PEREZ
KILIDDJIAN
STARR**
ARCHITECTS + PLANNERS

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REVISIONS:

1	B.D.C. 08-24
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GAZEBO
ELECTRICAL FLOOR PLAN

DATE : 03/23/2023
SCALE : AS SHOWN
DRAWN :
CHECK BY:
JOB NO. : 23_0012

E-4

SHEET NO.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED
BY EDMUNDO LARGAESPADÁ, P.E. ON THE DATE ADJACENT
TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE
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Edmundo Largaespada, P.E.
Professional Engineer
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Project No : 23 0012