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LIGHTING FIXTURE SCHEDULE

SYMBOL	TYPE	MANUFACTURER	LAMP TEMP.	VOLTAGE	CATALOG NO.	LAMPS	DESCRIPTION	MOUNTING HEIGHT
○	A	THOMAS LIGHTING	3000K 80% CRI	120V	TD000321T	22W LED	PARALLEL CEILING, 14"ø, LED LAMP WITH BRUSHED NICKEL FINISH AND WHITE ACRYLIC DIFFUSER. UL LISTED.	SEE ARCHITECTURAL DRAWINGS
◯	B	PHILIPS FORECAST	3000K 80% CRI	120V	FD000068J6	32W LED	CHELSEA CEILING, 20"ø, LED LAMP WITH BRUSHED NICKEL FINISH AND GREY SHIMMER FABRIC SHADE. UL LISTED.	SEE ARCHITECTURAL DRAWINGS
▭	C	THOMAS LIGHTING	3000K 80% CRI	120V	TD000521T	34W LED	PARALLEL BATH, WALL MOUNTED, LED LAMP WITH BRUSHED NICKEL FINISH AND WHITE ACRYLIC DIFFUSER. UL LISTED.	SEE ARCHITECTURAL DRAWINGS
▭	C1	THOMAS LIGHTING	3000K 80% CRI	120V	TD000621T	34W LED	PARALLEL BATH, WALL MOUNTED, LED LAMP WITH BRUSHED NICKEL FINISH AND WHITE ACRYLIC DIFFUSER. UL LISTED.	SEE ARCHITECTURAL DRAWINGS
▨	D	BROAN	N/A	120V	679	100W INCAND.	COMBINATION FAN/LIGHT WITH 100W INCAND. LAMP. UL LISTED.	SEE ARCHITECTURAL DRAWINGS
—	E1	GE LIGHTING	3000K 80% CRI	120V	10780	6.5W LED	12" UNDER CABINET, DIRECT WIRE, LED LIGHT BAR. UL LISTED.	SEE ARCHITECTURAL DRAWINGS
—	E2	GE LIGHTING	3000K 80% CRI	120V	10781	9.3W LED	18" UNDER CABINET, DIRECT WIRE, LED LIGHT BAR. UL LISTED.	SEE ARCHITECTURAL DRAWINGS
▬	F	PHILIPS/DAYBRITE	4000K 80% CRI	120V	5F4C38A40LA8GC	53W LED	STAIRWELL, WALL MOUNTED, LED FIXTURE WITH WHITE ACRYLIC LENS. UL LISTED.	SEE ARCHITECTURAL DRAWINGS
▭	G	SOVEREIGN LTG.	3000K 80% CRI	120V	CLOSET-LITE C24	27W FLUOR.	14" LONG, WALL MOUNTED, FLUORESCENT CLOSET LIGHT WITH PORCELAIN WHITE ENAMEL FINISH AND CLEAR PRISMATIC LENS. UL LISTED.	SEE ARCHITECTURAL DRAWINGS

PANEL SCHEDULE EXISTING

"PB-G", "PB-H", "PP-I"
"PB-T", "PB-U", "PP-V"

LOAD DESCRIPTION	GFI	WATTS			WATTS	GFI	LOAD DESCRIPTION
BEDROOM #1		525	1	2	2080		A/C UNIT
LIVING RM. RECEPT.,LTG.		780	3	4	2080		
MICROWAVE		1100	5	6	4250		COOKTOP
KITCHEN RECEPT.		500	7	8	4250		
HALLWAY RECEPT.,LTG. ***		250	9	10			SPACE
BATHRM. RECEPT.,LTG. ***		1000	11	12			SPACE
REFRIGERATOR ***		700	13	14			SPACE
SPACE			15	16			SPACE
SPACE			17	18			SPACE
SPACE			19	20			SPACE
SPACE			21	22			SPACE
SPACE			23	24			SPACE

20A, 30A, 2P, ΦA, ΦB

CONNECTED LOADS:

ΦA: 9.51 KW
ΦB: 8.61 KW
TOTAL: 18.12 KW

PANELBOARD DATA:

VOLTAGE: 208/120 — MAIN BKR: 100A MLO
PHASES: 3 — # WIRES: 3
FEEDER: EXISTING — KAIC: EXISTING
BOX/TRIM: EXISTING — FEED: EXISTING

PANELBOARD NOTES:

1. REFER TO "PANELBOARD DATA" FOR MAIN BREAKER OR MAIN LUGS CURRENT RATING AND LOCATION IN PANEL (TOP OR BOTTOM).
2. ALL NEW CIRCUIT BREAKERS TO MATCH EXISTING TYPE.
3. ALL PANELBOARDS SHALL BE PROVIDED WITH A GROUND BUS.
4. PROVIDE NEUTRAL BUS WHERE INDICATED BY #WIRES IN "PANELBOARD DATA."
5. WHERE LOADS ARE SHOWN ON PLAN TO BE SWITCHED AT THE PANEL, PROVIDE CIRCUIT BREAKERS MARKED "SWD."
6. WHERE CIRCUIT BREAKERS SUPPLY HVAC EQUIPMENT, PROVIDE TYPE "HACR" CIRCUIT BREAKERS.
7. INTERRUPTING RATINGS INDICATED REFLECT RMS, SYMMETRICAL FAULT CURRENT AVAILABLE FROM THE SYSTEM AT PANEL LOCATION. LOWER RATED DEVICES MAY BE USED ONLY IF SERIES RATED WITH UPSTREAM DEVICES BY THE MANUFACTURER.

BREAKERS INDICATED WITH "***" ARE NEW BREAKERS TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

PANEL SCHEDULE EXISTING

"PB-A", "PB-B", "PP-C"
"PB-D", "PB-E", "PP-F"
"PB-J", "PB-K", "PP-L"
"PB-M", "PB-N", "PP-O"
"PB-P", "PB-Q", "PP-R"
"PB-P", "PB-Q"

LOAD DESCRIPTION	GFI	WATTS			WATTS	GFI	LOAD DESCRIPTION
BEDROOM #1		525	1	2	2080		A/C UNIT
LIVING RM. RECEPT.,LTG.		780	3	4	2080		
MICROWAVE		1100	5	6	4250		COOKTOP
KITCHEN RECEPT.		500	7	8	4250		
HALLWAY RECEPT.,LTG. ***		250	9	10			SPACE
BATHRM. RECEPT.,LTG. ***		1000	11	12			SPACE
REFRIGERATOR ***		700	13	14			SPACE
BEDROOM #2 ***		525	15	16			SPACE
SPACE			17	18			SPACE
SPACE			19	20			SPACE
SPACE			21	22			SPACE
SPACE			23	24			SPACE

20A, 30A, 2P, ΦA, ΦB

CONNECTED LOADS:

ΦA: 9.51 KW
ΦB: 9.14 KW
TOTAL: 18.65 KW

PANELBOARD DATA:

VOLTAGE: 208/120 — MAIN BKR: 100A MLO
PHASES: 3 — # WIRES: 3
FEEDER: EXISTING — KAIC: EXISTING
BOX/TRIM: EXISTING — FEED: EXISTING

PANELBOARD NOTES:

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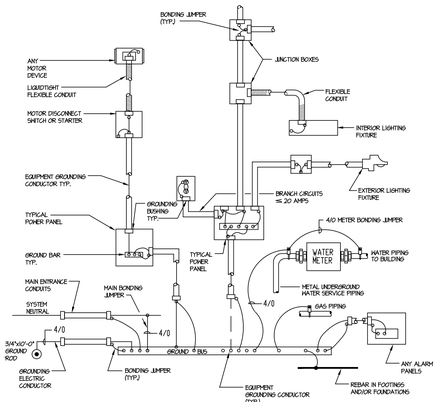
BREAKERS INDICATED WITH "***" ARE NEW BREAKERS TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

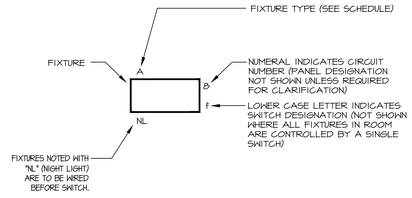


EQUIPMENT GROUNDING & BONDING

(N.T.S.)

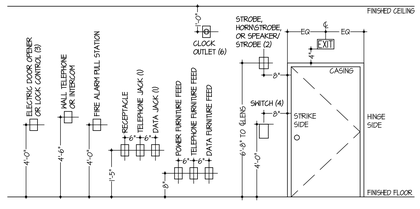
NOTE:

1. ALL REBAR #4 AND LARGER, CONTINUOUS IN THE BOTTOM OF WALL FOOTINGS AND/OR FOUNDATIONS WHICH ARE IN DIRECT CONTACT WITH THE EARTH SHALL BE CONNECTED TO THE SERVICE GROUND BUS AS A SUPPLEMENTAL ELECTRODE. MINIMUM GROUNDING ELECTRODE CONDUCTOR SHALL BE #4 AWG COPPER WITH EXOTHERMIC WELDED CONNECTIONS TO REBAR. STEEL TIE WIRES SHALL BE CONSIDERED SUITABLE FOR BONDING TOGETHER OF REBARS. GROUNDING OF FOOTING REBAR IS ELECTRICAL SUBCODE PERMIT REQUIRED WORK AND SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR.



KEY TO FIXTURE WIRING DESIGNATIONS

(N.T.S.)



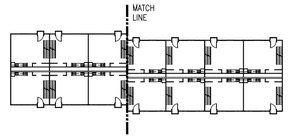
TYPICAL DEVICE LOCATION & ELEVATIONS

(N.T.S.)

Revisions

Date	Issue	Description
06-03-15	1	ISSUE FOR CONSTRUCTION

Key Plan



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Date	04-10-15	Scale	AS NOTED
Drawn By	MD	Checked By	SG

Dwg. Title

ELECTRICAL NOTES, SPECIFICATIONS, & SYMBOLS

Work Order No. 4698N

Dwg. No. E500