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ELECTRICAL PLAN NOTES

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT
PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE
TELEPHONE LINES TO BE INSTALLED.

ALL RECEPTICALS IN BEDROOMS SHALL BE ON ARC FAULT INTERRUPTER CIRCUITS (AFCI), PER NEC 210-12

ALL RECEPTICALS IN BATHROOMS, KITCHENS AND EXTERIOR LOCATIONS SHALL BE ON GROUND FAULT INTERRUPTER CIRCUITS (GFCI).

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE
DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S
DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE
SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP
DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY
CHANGES TO PANELS, AND ADDS TO THE ELEC AND
RISER DIAGRAM, AS-BUILT PANE SCHEDULE W/ ALL CKTS
IDENTIFIED W/ CKT N. DESCRIPTION & BRKR. SERVICE ENT.
& ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH.
RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT
TAGS W/ RATINGS & LOADS.

CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ELECTRICAL LEGEND:

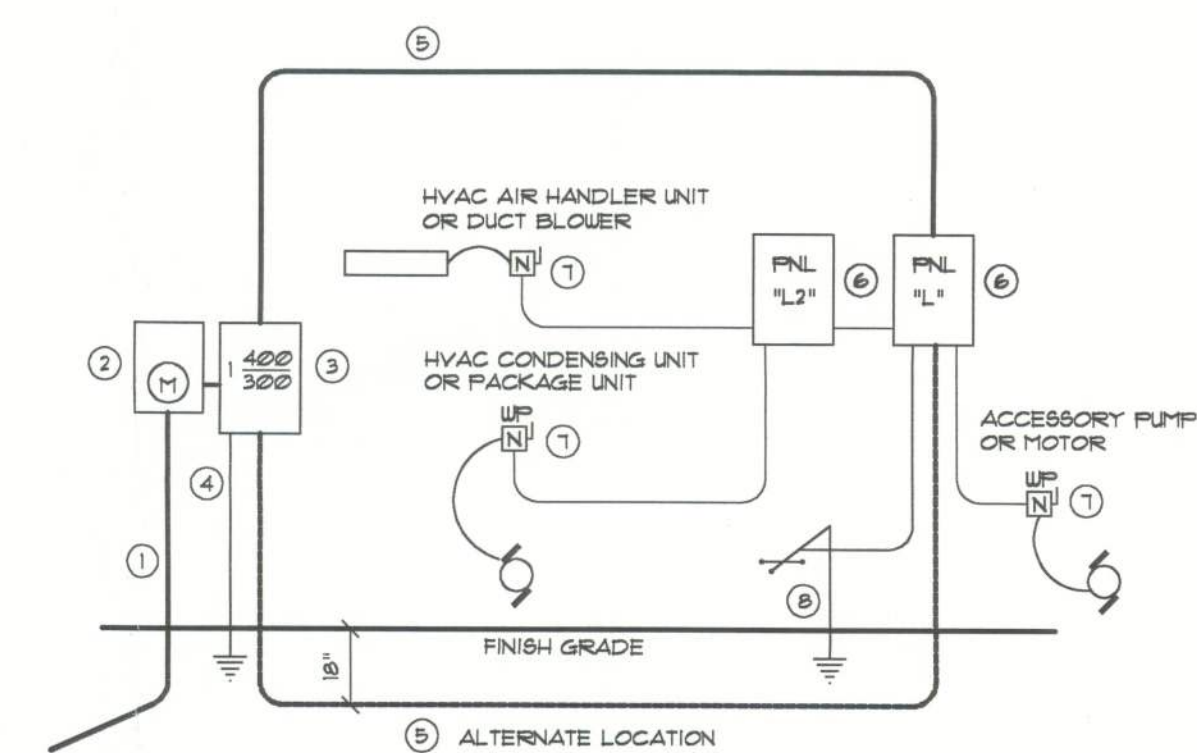


PANEL SCHEDULE

PANEL "L2": 150A - MLO - 120/240V - 1 ϕ - 4 WIRE
40 SLOT - FLUSH MOUNT

Cir. No.	Location	Trip Poles	Wire Size	Load
1-4	Lighting/Recept.	15A/1P	14N1	3627W
5	Ceiling Fans	"	"	1200W
6-8	Washer/Dryer	50A/2P	6N1	7500W
15-16	Spare	"	"	800W
17-19	HVAC AHU1	20A/1P	12N1	6000W
20-22	HVAC CU1	15A/1P	14N1	800W
21-23	HVAC CU2	"	"	3600W
22-24	HVAC AHU2	30A/2P	10N1	800W
25-27	Spare	"	"	1200W
28-40	Spare	"	"	0W

TOTAL CONNECTED LOAD: 25407W



- 1 Service/Feeder Entrance Conductors: 3/1" rigid conduit, min. 18" deep, w/ continuous Ground Bonding Conductor. Service/Feeder Entrance conductors will be spliced inside that bonded connections at the Meter/Disconnecting Device and Panel shall be allowed.
- 2 Meter Enclosure, weatherproof, w/ Listed.
- 3 Main Disconnect Switch: fused or Main BKMR, weatherproof, w/ Listed.
- 4 Service Entrance Conductor, 8" x 10 mil steel rod 8" x 20" long and/or concrete encased (grounded) steel rebar x 20" x 40" long. Service/Feeder Conductor will be bonded to the Service/Entrance Equipment, and shall be stamped per table 6, below.
- 5 320 AMPERE SERVICE: 3-1/8"CMH-TIM-TIM-CL-1-CU-GND-2/1" Conduit.
- 6 House Panel (P.N.L.) w/ Listed, sized per schedule.
- 7 Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Breaker loads.
- 8 Provide Ground Bond line to metal piping, size in accordance with the Service Ground Conductor.

NOTE:
THE MINIMUM AIC RATING FOR PANEL BOARDS, BRKR'S
AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.

ELECTRICAL RISER DIAGRAM: 300A

SCALE: NONE

SECOND FLOOR ELECTRICAL PLAN

NOTICE

Construction from these plans should not be undertaken without the assistance of a construction professional.

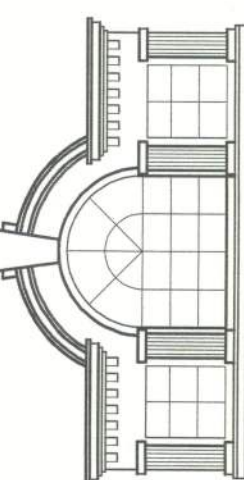
Issuance of plans from this office shall not relieve the builder of their ability to review and verify all notes, dimensions, details and specifications. It is the responsibility of the builder to make certain that all construction is in accordance with these plans prior to commencement of any construction.

Any discrepancy or errors in notes, dimensions, details or their interpretation or application to the construction shall be brought to the attention of the architect for clarification prior to commencement of any construction.

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HUBER RESIDENCE
THE NW 1/4 OF NE 1/4, SECTION 1
T 5 - S, R 16 - E
COLUMBIA COUNTY, FLORIDA

DRAWN BY: BY, RPF, AJD

CHECKED BY: *mpg*

DATE: 7/13/05

SCALE: 1/4" = 1' @

JOB NUMBER: 1030

4800
REVISED:

FILE NO.

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OF