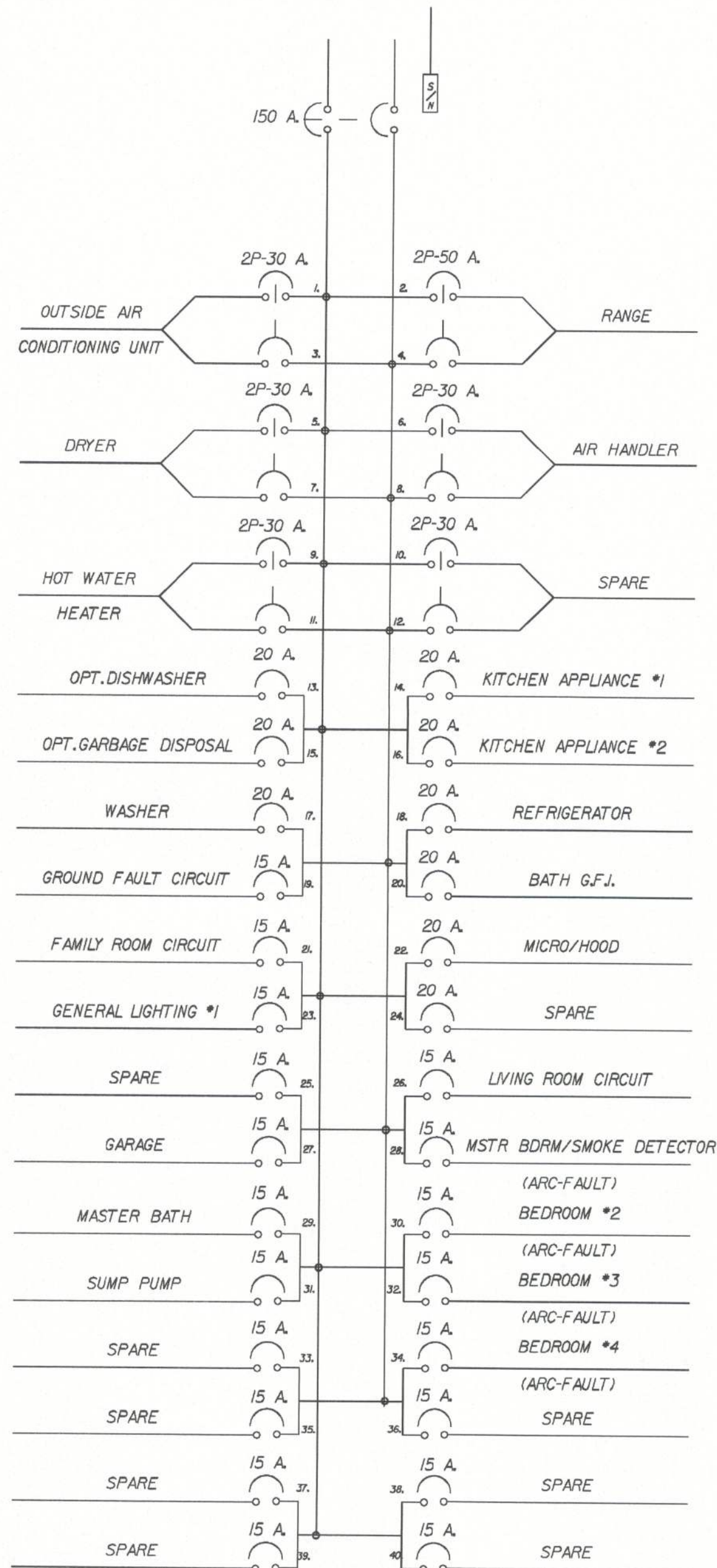




MAIN BREAKER LOAD CENTER

NOTE:
IF LOCAL CODE REQUESTS A LOCK-DOG DEVICE
ON BREAKERS FOR APPLIANCES, FIELD WILL
SUPPLY TO COMPLY

ELECTRICAL LOAD CALCULATIONS

MODEL: AUSTIN 4

09/21/05

LARGEST LOAD: HEAT PUMPW/SUPPLEMENTAL HEAT

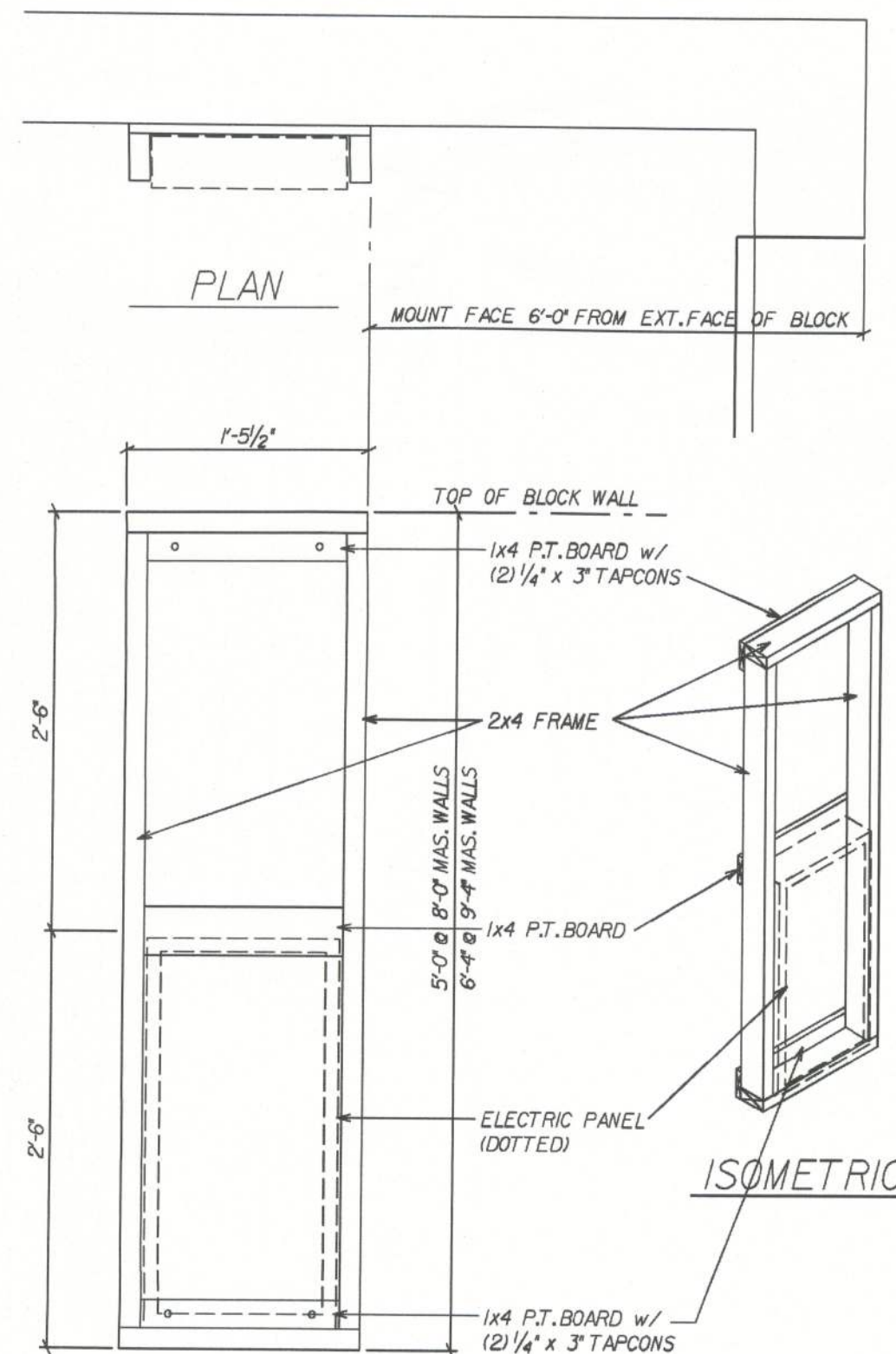
VOLT/AMPS
13700

SQUARE FEET LIVING AREA	2236 @ 3 VOLT/AMPS	6708
SMALL APPLIANCE CIRCUITS		3000
LAUNDRY CIRCUIT		1500
OVEN		11700
WATER HEATER		4500
DISHWASHER		1500
DRYER		5000
DISPOSAL		500
TOTAL LOAD		34408

FIRST 10KVA @100% 10000
REMAINDER @40% 9763.2
LARGEST LOAD 13700

TOTAL LOAD 33463 V.A./240 VOLTS= 139 AMPS

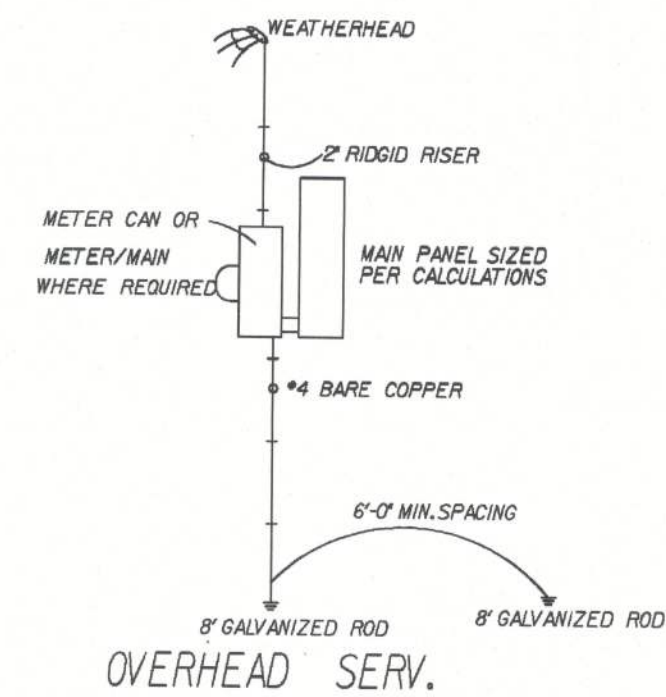
SERVICE SIZE: 150 AMPS



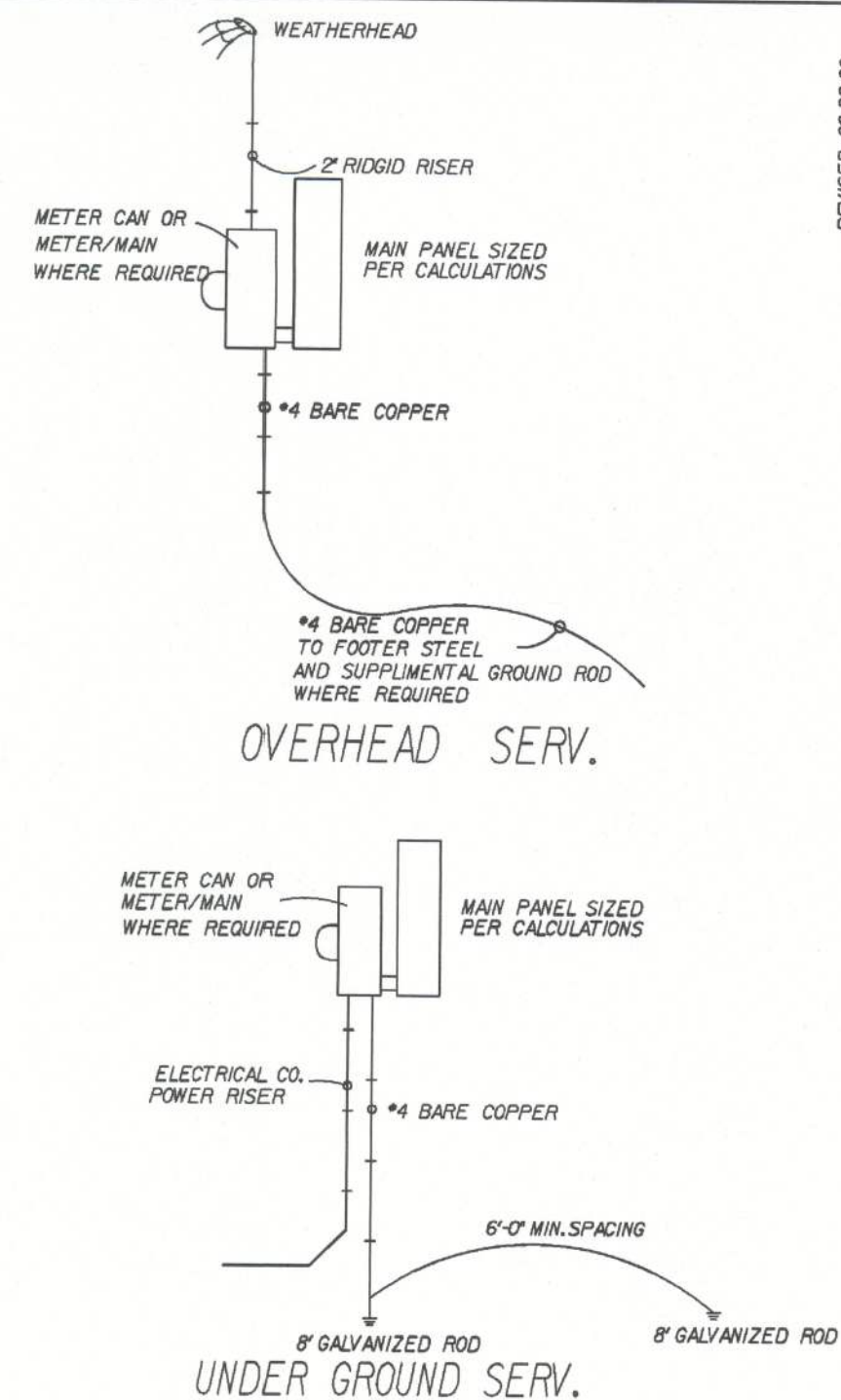
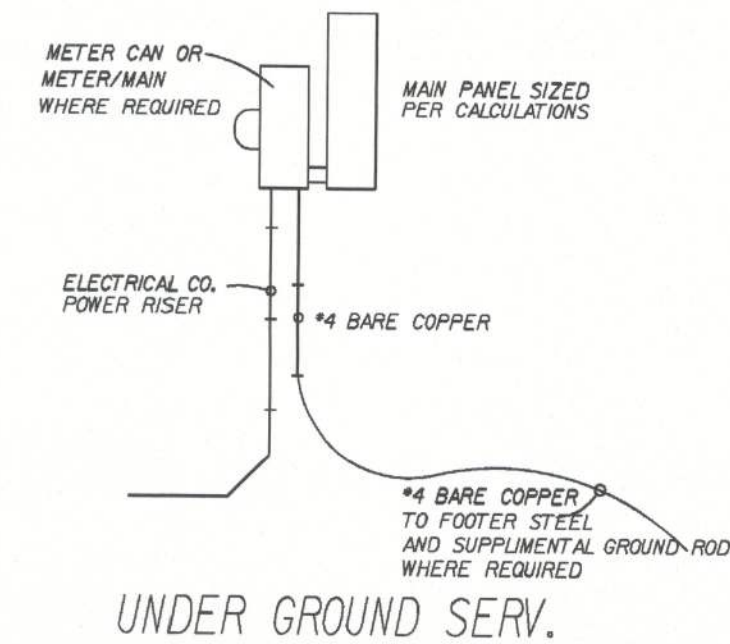
ELECTRIC PANEL FRAME

REVISED 09-07-07
ADDED HGT. @ 9'-4" MAS. WALL

SCALE: 1" = 1'-0"



REVISED 06-06-06
SPACING REQUIREMENT



REVISED 06-06-06
SPACING REQUIREMENT

* GROUNDING ELECTRODE SYSTEM TO BE INSTALLED
PER ARTICLE 250 NAT. ELECT. CODE *

REVISIONS:	05-23-06	REV. WASHER FROM 15A TO 20A
	05-24-06	ADD NOTE FOR LOCK-DOG
	12-13-06	ELIM. SMOKE DETECT. HOME RUN.
	02-19-07	ADD SMOKE DETECTOR TO MASTER BEDROOM
	03-10-08	REV. DW & GD BKR. TO 20 AMP. KW
	03-01-09	REV. CODE INFORMATION

AMERICANA ELECTRICAL DETAILS

AUSTIN-4

FLORIDA BUILDING CODE 2007 : RESIDENTIAL

DESIGNED BY: [Signature]

DRAWN BY: GARAGE:

RELEASE DATE: 09-11-03

10/07/38

PILOT DATE: 22 MAY 2009

FLORIDA BUILDING CODE 2007 : RESIDENTIAL