

2500 sq ft Residence, 4-ton zoned heat pump w/ dual fuel LP gas backup

Square D Homeline Main Breaker Panel
200A 42 space

Square D Homeline 200A Disconnect / 8-16 space Subpanel

100A MLO Subfeed

150ft 3-inch Sch 40 Electrical PVC Underground Conduit
(250mcm phase conductors, Neutral conductor TBD?
Ground conductor TBD?)

Permanent Building on Pad

Concrete Pad 20x30 ft

ASCO Model 165 200A ATS
(4/0 Copper only lugs per ASCO)

Service Disconnect
Square D Homeline
CSED 200A
RC816F200C

Ground Electrode(s)

Utility Ground Based Transformer

Spice box, 250mcm AL
to 4/0 CU

CAT Olympian 35kW
1-Ø, 240/120V, LP gas

Utility Primary
Underground Feed

PROJECT LAYOUT

DRAWN	R Huckaby	2-19-2007
CHECKED	R Huckaby	2-19-2007
ENGINEER	R Huckaby	2-19-2007
APPROVED		2-20-2007
SCALE	NONE	

Utility Power
Generator ATS
Layout

SIZE	DWG NUMBER
A	0000-0000
REV	-
SHEET 1 OF 1	