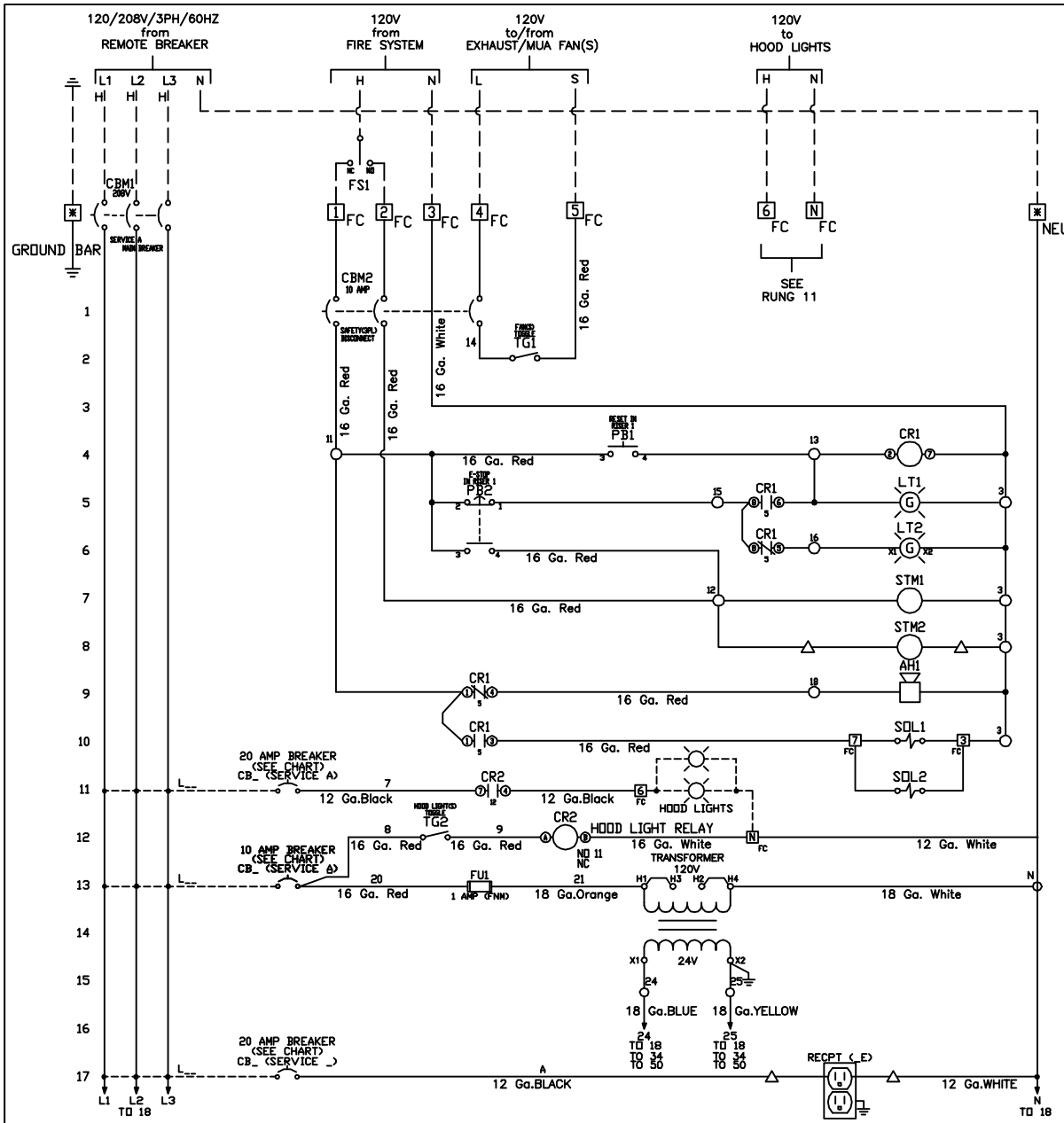

Job Name:

XXX

Control Transformer required? Yes (No)

Gas Soleniod(s) required? 0 (1) 2

Cords & Plugs required? (Yes) No

Door Interlocks required? Yes (No)

One or Two Services required? (1) 2

□ Terminals for Field Connections
○ Terminals on Control Panel
◇ Quick Disconnect
△ Disconnect at Field Joint

RESET LATCH 2PDT RELAY
NO 5,10
NC 6,9
'GAS/ELECT. ON' PILOT IN RISER

RESET PILOT IN RISER

MAIN SHUNT TRIP SEE NOTE (SERVICE A)
NO
NC
MAIN SHUNT TRIP SEE NOTE (SERVICE B)
NO
NC
'GAS/ELECT. OFF' AUDIBLE ALARM

GAS VALVE (SEE NOTE) SOLENOID

GAS VALVE (SEE NOTE) SOLENOID - LOOPED

HOOD LIGHTS (SEE HOOD LIGHT NOTE)

TRANSFORMER (SEE TRANS. NOTE)

DUPLEX RECEPTACLE (5-20R) SEE CHART

Hood Lights, UDS Controls Circuit, & 120V/1 20 Amp GFCI Connections

Connection #	Amps	Wire Size	Recept. NEMA #	Line Connect. L1	L2	L3	Wire # A	B	C	D	E	SERVICE CON.
HOOD LIGHTS	20	12	----	X	X	X						A
UDS CONTROLS	10	16	----	X	X	X						A
1E	20	12	5-20	X	X	X	26					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A
XX	20	12	5-20	X	X	X	XX					A

Put wire # on black & red wires on end not connected to a terminal.
Wire # = Terminal # or see chart.

NOTE: FIELD JOINT CONNECTIONS SHOWN (△) (SEE SUBMITTAL IF FIELD JOINT IS PRESENT)

GREENHECK

STANDARD UDS LADDER DIAGRAM FIRE FUEL SHUT-OFF & CONTROLS

PODJASKI 04/11/02 1/1

STANDARD_E1