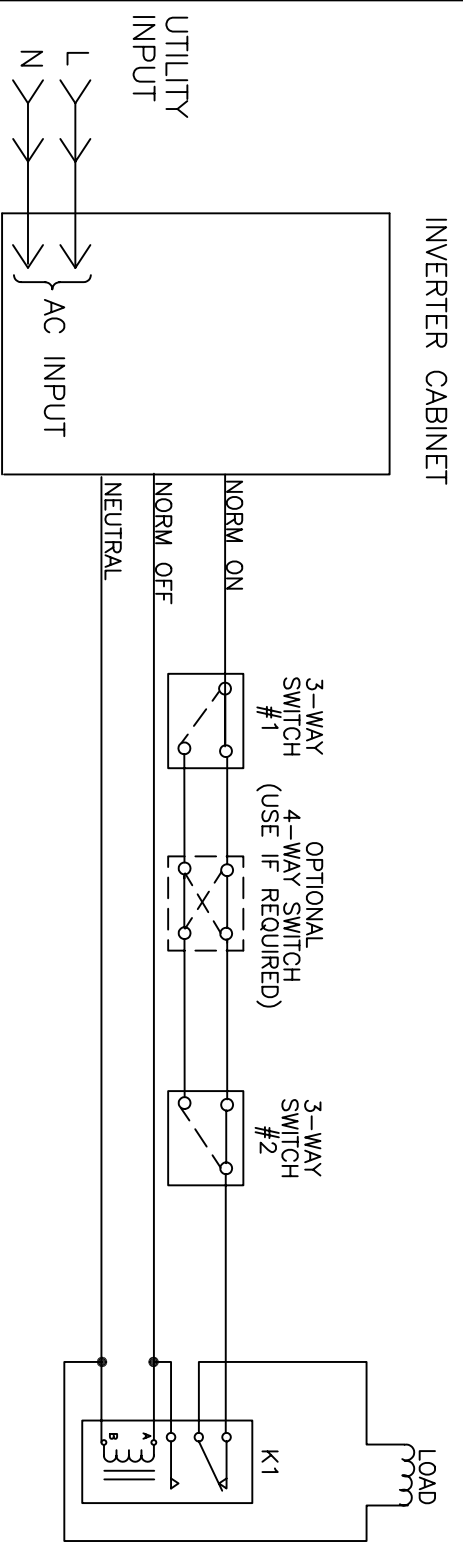


OPERATION MODES:

UTILITY PRESENT – OUTPUT FROM 3-WAY SWITCHES PASSES THROUGH BYPASS RELAY TO LOAD.
LIGHTS ARE CONTROLLED BY 3-WAY SWITCHES.

UTILITY FAILURE – INVERTER TURNS ON. NORMALLY OFF OUTPUT ENERGIZES BYPASS RELAY COIL. RELAY BREAKS CONNECTION FROM 3-WAY SWITCHES. NORMALLY OFF OUTPUT IS SENT TO LOAD (LAMP(S)). LOAD WILL BE POWERED REGARDLESS OF EITHER 3-WAY SWITCHES POSITION (ON OR OFF).



NOTES:

- K1 RELAY IS EXTERNAL AND AND PROVIDED BY OTHER.
- RELAY COIL VOLTAGE MUST BE THE SAME AS INVERTER OUTPUT VOLTAGE.
- RELAY TO BE SIZED TO LOAD.

SCALE: NONE	 2000 HIGHLAND AVE., BETHLEHEM, PA., 18020	DRAWN BY: LS
DATE: 1/7/04		APPROVED BY:
STANDARD TRANSFER BYPASS OPERATION		
W/ EXTERNAL BYPASS RELAY		
DRAWING NUMBER:		113978