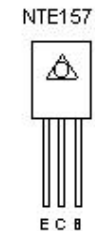
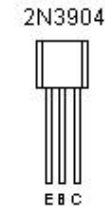


Setting Low Battery Disconnect Level:

- 1). Disconnect Battery 13.4v from the circuit at TB1-4.
- 2). Substitute an 11.5v power supply for Battery 13.4v in the circuit at TB1-4.
- 3). Adj pot 1R3 until relay 1A7RY1 de-energizes.
- 4). Rock pot 1R3 until precise disconnect is set for 11.5v.
- 5). Test circuit reaction several times by raising, then dropping power supply voltage to 11.5v. Readjust as necessary.
- 6). Reconnect Battery 13.4v to the circuit at TB1-4.



Notes:

- 1). R21 jumpered. Modification improves relay response.
- 2). Relay actually contains two sets of DPDT contacts, second set not shown for simplicity. Contacts are wired in parallel for greater current handling capability.
- 3). Circuitry shown outside dotted line is chassis mounted.
- 4). Circuitry shown inside dotted line is board mounted.
- 5). Circuitry on this board is part of the Timing Control Board.
- 6). Resistors are 1/4w unless otherwise noted.
- 7). 1A7RY1 shown energized (Normal operating condition).

DRAWING TITLE		1A1 Low Battery Disconnect Schematic	
LOCATION		116 S.Prairie Ave. Waukegan, IL. 60085	
PROJECT NO.	001	DRAWN BY:	John R. Schaefer 23 Aug 97
SCALE:	None	DOC NAME:	Low Batt Disconnect Scat.dwg
Power Backup System	DOC LOCATION:		G:\John\Power Backup
	DRAWING NO.	SCH-001-003	2 REV