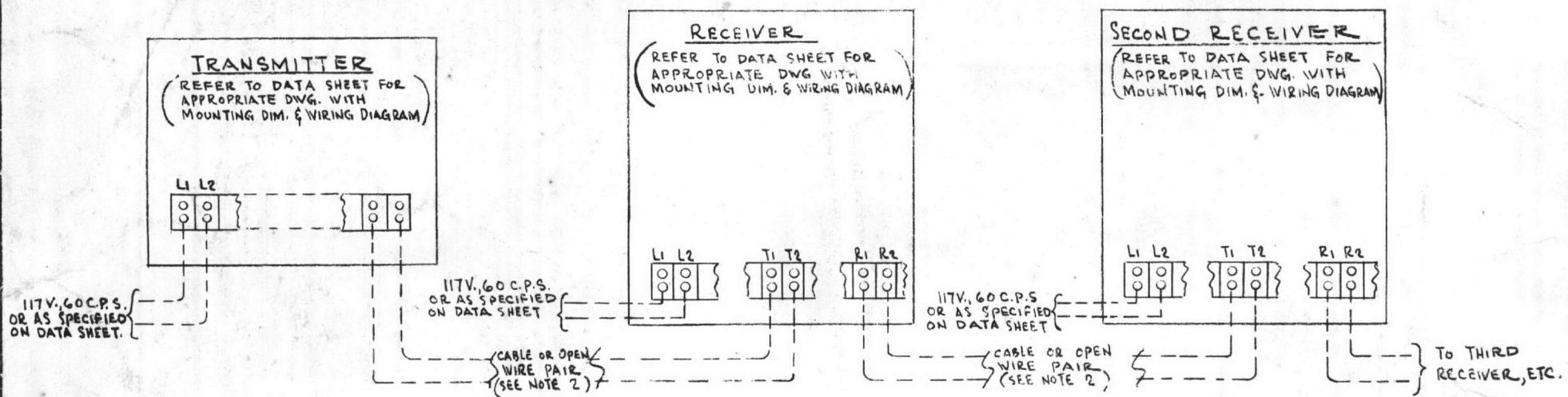


TWO OR MORE RECEIVERS IN SERIES CONNECTION:  
 ONE RECEIVER UNIT RETRANSMITTING TO THE NEXT RECEIVER.  
 (FOR PARALLEL RECEIVERS CONNECTION SEE NOTE #3.)

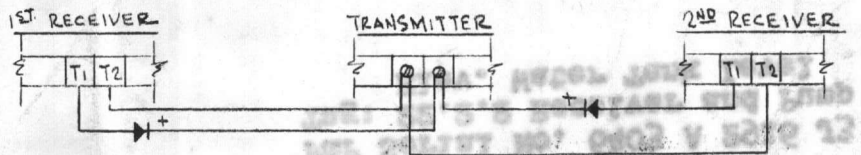


- NOTES:  
 1. (----) DENOTES CUSTOMER WIRING  
 2. (CABLE DATA IS APPROXIMATE; USE AS A GUIDE ONLY)  
 A. UP TO 2500 OHM LOOP RESISTANCE

3. FOR PARALLEL CONNECTION OF TWO OR MORE "IN-CASE" RECEIVERS TO ONE TRANSMITTER:  
 A SILICON DIODE (SOLITRON CER69 OR EQUIVALENT (PIV-200V.) MUST BE INSTALLED IN SERIES WITH EACH "T1" LINE AS SHOWN:

CABLE SIZE	OHMS/LOOP MI*	MAX. CABLE LENGTH
6 AWG.	4.11 OHMS	600 MILES
8 "	6.74 "	370 "
10 "	10.15 "	240 "
19 "	100. "	25 "
22 "	171. "	14 "
24 "	271. "	9 "
26 "	431. "	5 "

\* OHMS PER LOOP MILE INCLUDES STD. A.T. FT. LOADING COILS ON CABLES.  
 MINIMUM LEAKAGE: MINIMUM RESISTANCE DURING WORST WEATHER CONDITIONS - 50,000 OHMS.



THE MAXIMUM LOOP RESISTANCE WILL DECREASE TO 2300 OHM PER RECEIVER.

REV.	AUTHORIZATION	MADE BY	CHKD. BY	APPD. BY	REVISION DESCRIPTION	REF. DWGS.	S. M. NO.	INSTALLATION WIRING DIAGRAM "IN-CASE" TIME PULSE RECEIVER - TRANSMITTER	FISCHER & PORTER CO. WARMINGTON, PA., U.S.A.
2		SKILL			NOTE #3 ADDED				DRAWING NUMBER
1		SKILL			Revised cable lengths on #22, 24, + 26 AWG. CABLE				WD-55-1019
MADE BY SKILL-23 NOV-62					APPD. BY	AUTH 209H173J 2.5.7.8	SCALE NONE		REV.
									2

For: Brown Construction Company  
Order No. 15-11  
F&P Serial No. 6403 A 2916 J3  
Tag: 22.2.2 Receiver and Pump Control-  
Elev. Water Tank Level