



**NOTES :**

**GENERAL**

OUTPUT TO THE INSTRUMENT FROM THE PREAMP IS UNITY GAIN.

WHEN A COMBINATION ELECTRODE IS USED, REFERENCE CONNECTION IS MADE THROUGH THE BNC CONNECTOR.

**TEMPERATURE COMPENSATION**

FOR AUTOMATIC COMPENSATION, CONNECT A 301Ω NTC ELEMENT BETWEEN TERMINALS 2 AND 3 IN THE INSTRUMENT. THE PREAMPLIFIER HAS NO AUTO TC CAPABILITY.

**EARTH GROUNDING WARNING**

DON'T LET ANY OF THE LEADS OR THE BNC CONNECTOR TOUCH METAL PIPING, CONDUIT, OR OTHER EARTH GROUNDS. THIS WILL CREATE A "GROUND LOOP" AND CAUSE VERY UNSTABLE OR OFF-SCALE READINGS. TO CHECK FOR A GROUND LOOP, DISCONNECT THE BNC AND PUT AN OHM METER BETWEEN TERMINAL 5 OF THE PREAMP AND A GOOD EARTH GROUND. YOU SHOULD READ INFINITY. ANY OHMS READING AT ALL INDICATES A SHORT TO GROUND WHICH MUST BE FOUND AND ELIMINATED.

NOTES UNLESS OTHERWISE SPECIFIED:

		11751 Markon Drive	
		Garden Grove, CA. 92841 USA	
		phone: 714-895-4344 fax: 714-894-4839	
DRAWN	<b>BOB HUNT</b>	TITLE	
CHECKED		<b>GL90A PREAMPLIFIER WIRING</b>	
APPROVED		<b>GREAT LAKES MODEL 671</b>	
		SCALE	DRAWING NO.
		<b>NONE</b>	<b>GL90A-671</b>
		SHEET	REV.
		<b>1 OF 1</b>	