



**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 4 AND 5 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 GREAT LAKES MODEL 672</b>	
APPROVED		SCALE	<b>NONE</b>
		DRAWING NO.	<b>GL90A-672</b>
		SHEET	<b>1 OF 1</b>
		REV.	