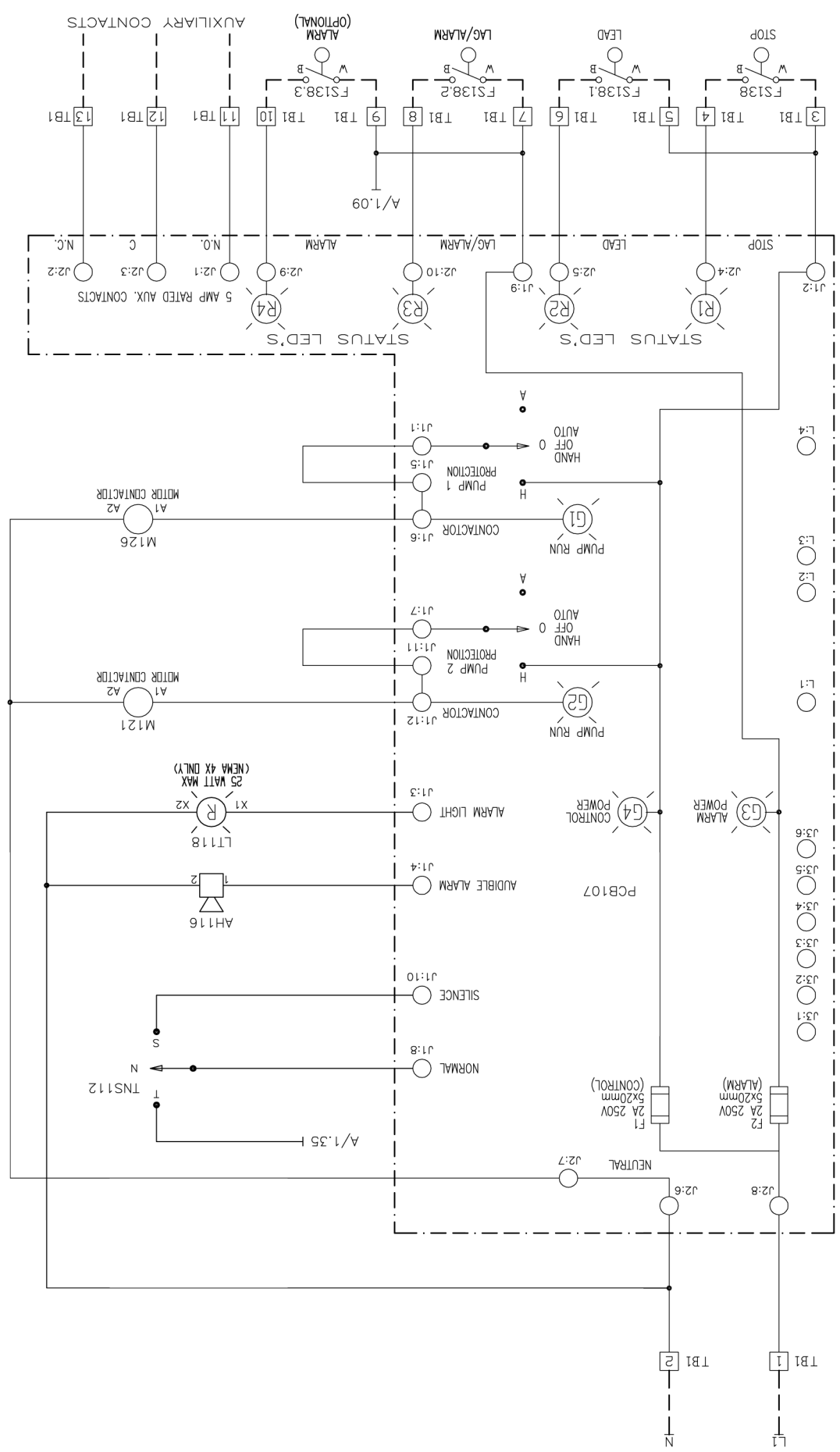


WAS: 1221*1(0,1,2,3)4(H,X)6A*

REV.	CNTRL. FIR. 1018001							
A	C002613	11/05						
REV	ECO NO.	DATE	DRWN	APPD	DEM NAME	DEM P/N	CHKD BY	DATE
					N/A	N/A		
					DRWN BY	DATE	APPD BY	DATE
					GDV	11/2/05	KLC	11/3/05
							PAGE	SCALE
							1 of 1	NONE
								DWG SIZE
								D

NOTICE: THIS DRAWING CONTAINS PROPIETARY INFORMATION AND IT SHALL NOT BE USED OR REPRODUCED OR ITS CONTENTS DISCLOSED IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN CONSENT.

TITLE
LIT, RH, SCHEM (SEE ABOVE)

PROJECT NO.	QUOTE NO.	REV.
1018001	N/A	A

ACTUAL MODEL NUMBER ORDERED

FIELD WIRING SECTION

DASHED LINES REPRESENT FIELD WIRING

CONNECT GROUND LUG IN PANEL TO A SECURE EARTH GROUND

TEMPERATURE RATING OF FIELD INSTALLED CONDUCTORS MUST BE AT LEAST 140 DEG. F. (60 DEG. C.). TERMINAL STRIPS AND GROUND LUG USE COPPER CONDUCTORS ONLY.

OVERLOAD PROTECTION AND MAIN DISCONNECT PROVIDED BY OTHERS AND MUST BE SIZED ACCORDING TO PUMP/MOTOR MANUFACTURING SPECIFICATIONS.

THE USE OF SEPARATE POWER SOURCES FOR PUMP AND ALARM ARE RECOMMENDED

GND LUG

TORQUE TO: 45 IN-LB

120/208/240 VAC

	PUMP 1 INCOMING POWER	PUMP 2 INCOMING POWER
L1	L2/N	L1 L2/N

TORQUE TO: 45 IN-LB

CIRCUIT BREAKER

MOTOR CONTACTORS

TORQUE TO: 20 IN-LB

T1 T2 T1 T2

M1 M2

OPTIONAL - WIRE DIFFERENTIAL PUMP SWITCHES OR PRESSURE SWITCHES TO TERMINALS 3,4 (LEAD), (PLACE JUMPER WIRE ACROSS 4 & 6), 7,8 (LAG/ALARM), AND 9,10 (ALARM) IF SEPARATE ALARM IS REQUIRED.

THREE FLOAT OPERATION

JUMPER WIRE ON 8 AND 10

TB1 1 2 3 4 5 6 7 8 9 10 11 12 13

L1 N 120 VAC CONTROL/ALARM INCOMING POWER

STOP LEAD LAG/ALARM

N.O. C N.C. FIELD WIRING TO AUX. CONTACTS

TORQUE TO: 8 IN-LB

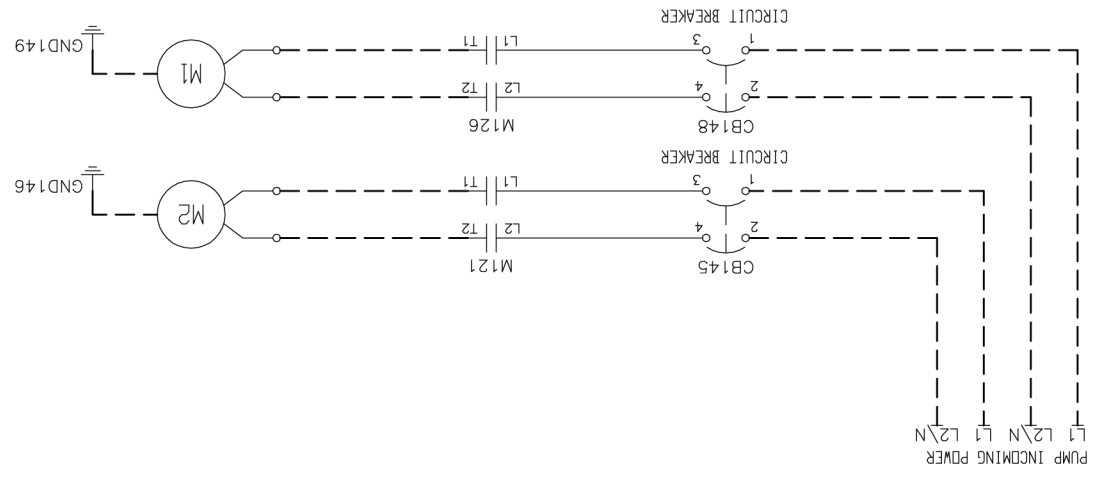
FOUR FLOAT OPERATION

NO JUMPER WIRE CONNECTED

TB1 1 2 3 4 5 6 7 8 9 10 11 12 13

L1 N 120 VAC CONTROL/ALARM INCOMING POWER

STOP LEAD LAG ALARM

N.O. C N.C. FIELD WIRING TO AUX. CONTACTS

TORQUE TO: 8 IN-LB