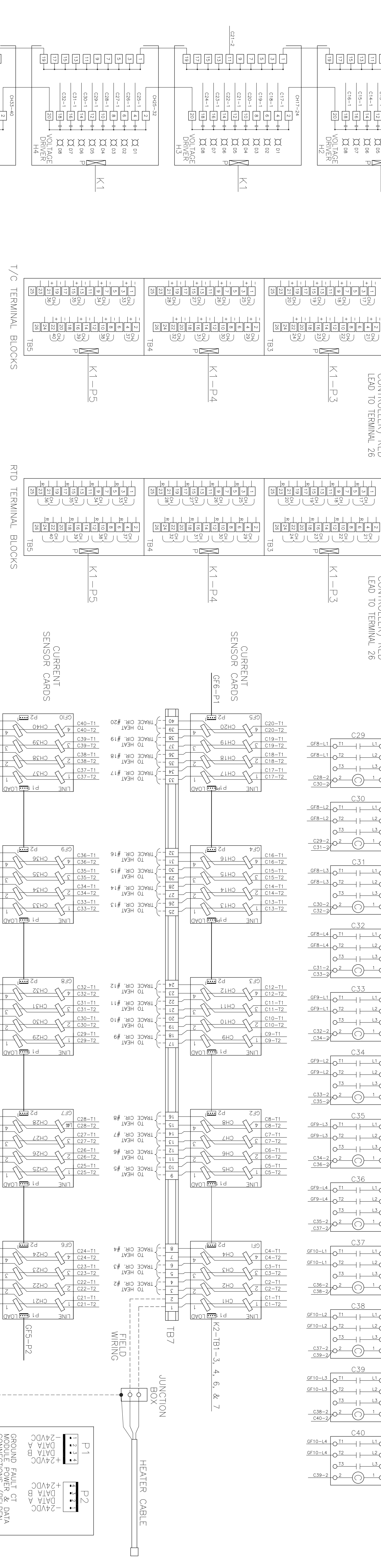
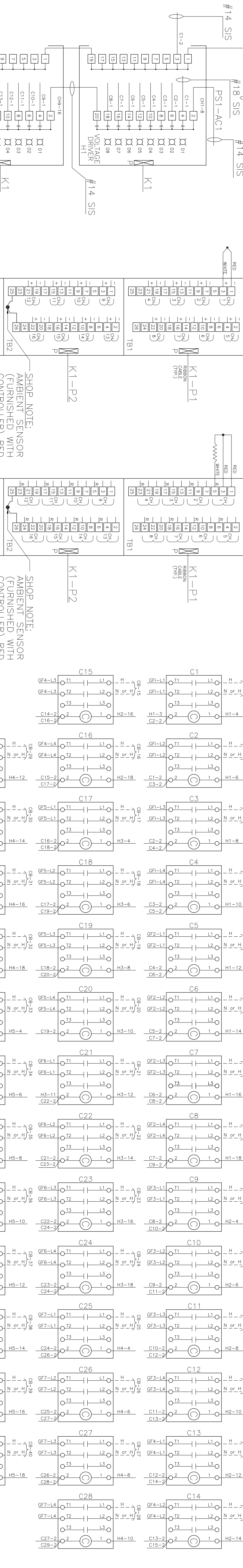


TYPE J  
THERMOCOUPLE  
PROBE  
(UNGROUND)

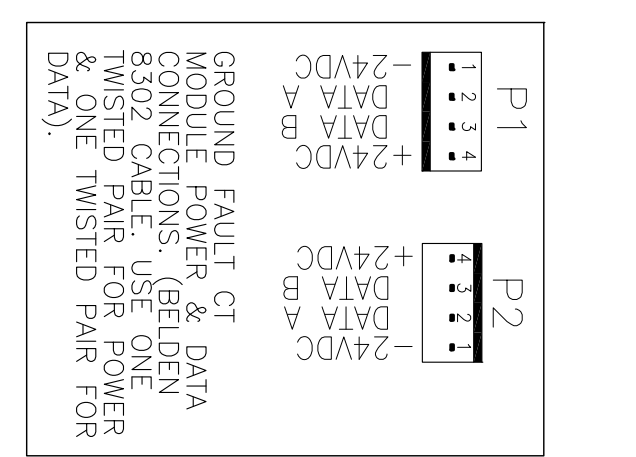
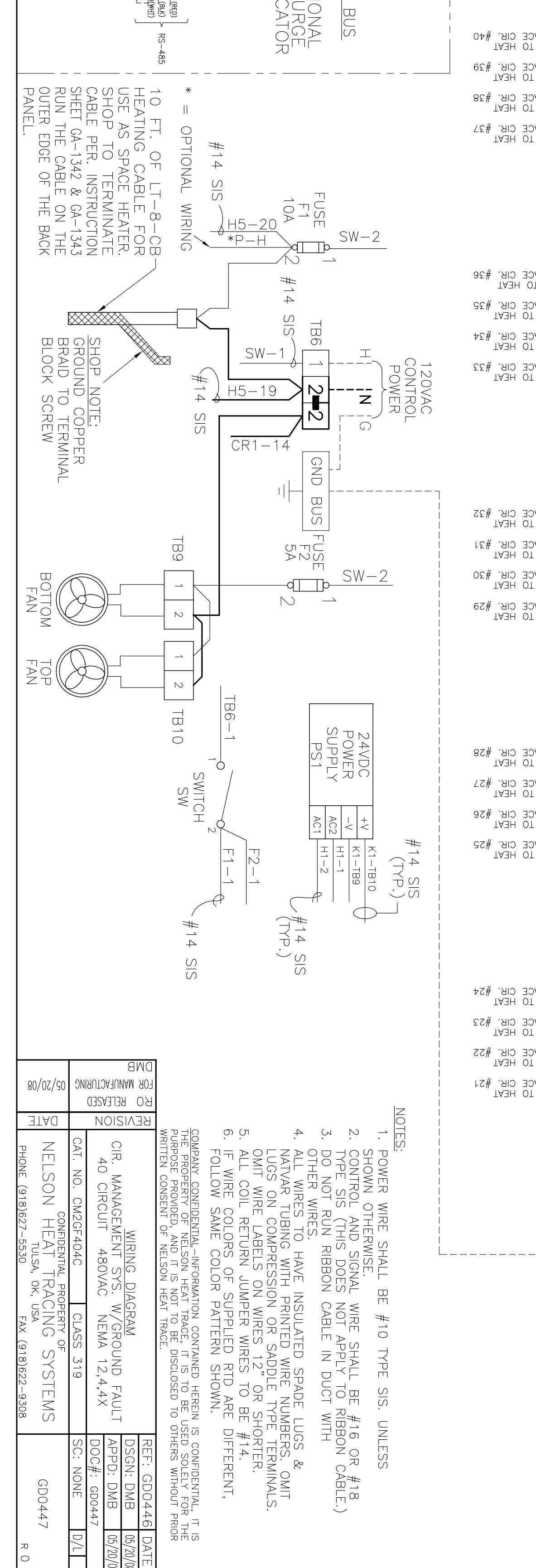
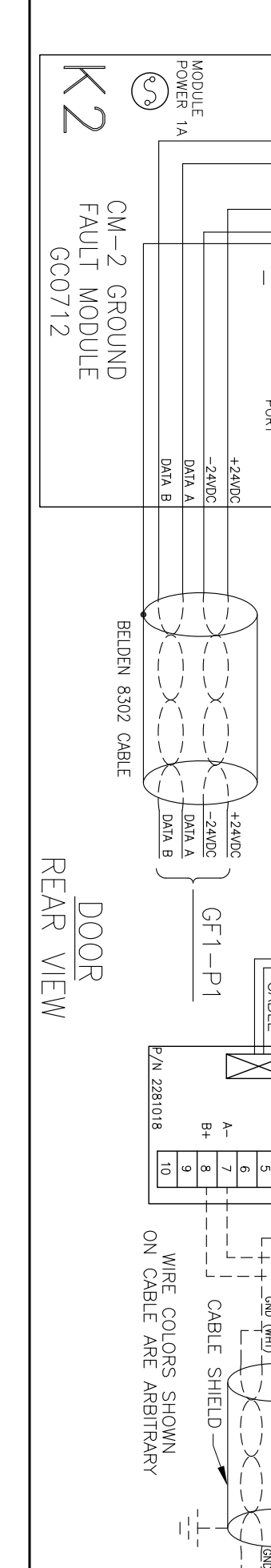
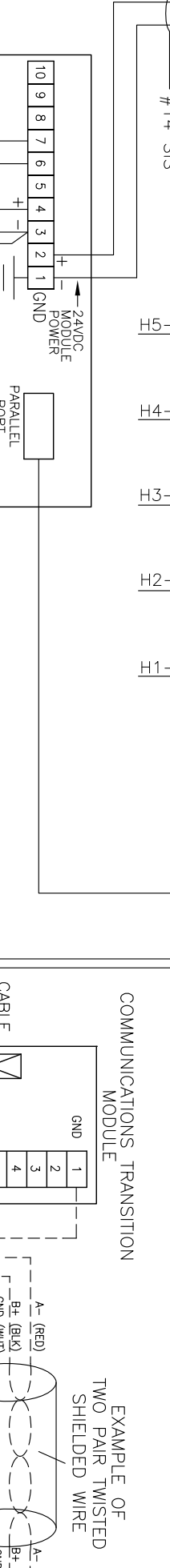
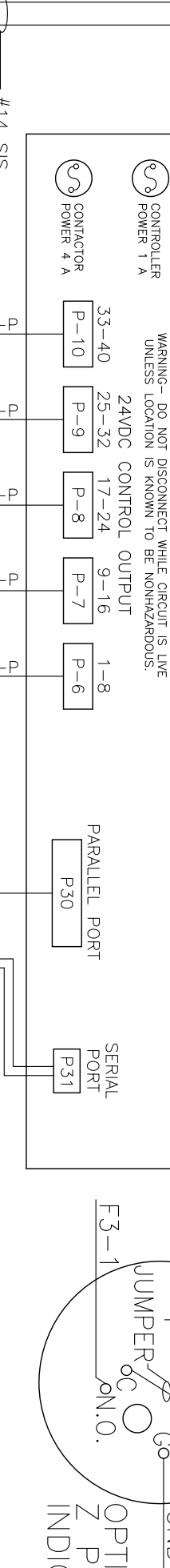
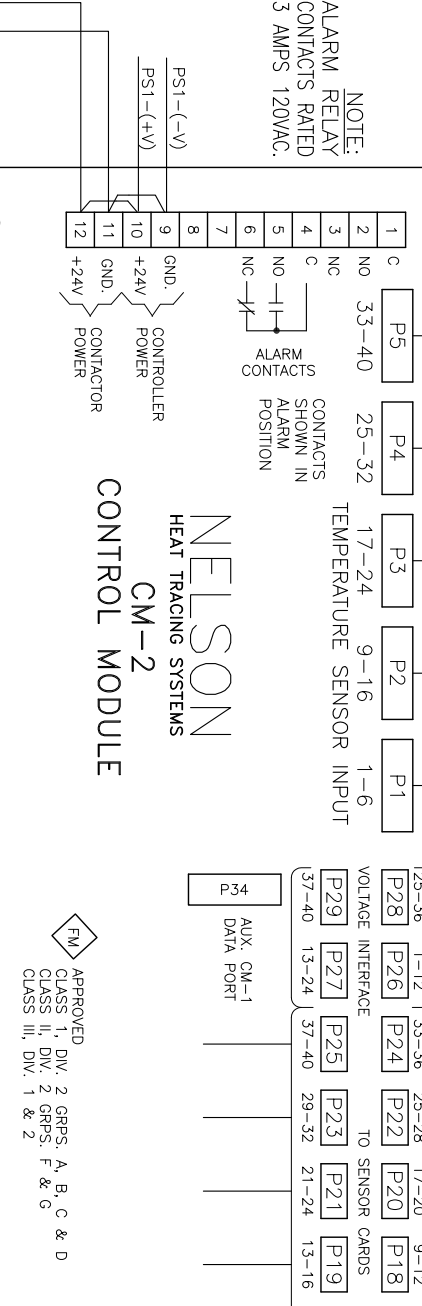
RTD  
PROBE  
100 OHM

POWER  
INPUTS  
-30A MAX/CKT-  
#18 SIS (TYP.) NOTE 5

CONTACTORS



NOTE:  
ALARM CONTACTS RATED  
3 AMPS 120VAC.  
3 AMP 120VAC.



- NOTES:
1. POWER WIRE SHALL BE #10 TYPE SIS, UNLESS SHOWN OTHERWISE.
  2. CONTROL AND SIGNAL WIRE SHALL BE #16 OR #18 TYPE SIS (THIS DOES NOT APPLY TO RIBBON CABLE).
  3. DO NOT WIRE RIBBON CABLE IN DUCT WITH OTHER WIRES.
  4. ALL WIRES TO HAVE INSULATED SPARE LUGS & NATURAL TUBING WITH PRINTED WIRE NUMBERS. OMIT LUGS ON COMPRESSION OR SADDLE TYPE TERMINALS.
  5. ALL COIL RETURN JUMPER WIRES TO BE #14.
  6. IF WIRE COLORS OF SUPPLIED RTD ARE DIFFERENT, FOLLOW SAME COLOR PATTERN SHOWN.

REVISION	DATE	FOR MANUFACTURING	DMR
05/20/08			

WIRING DIAGRAM  
CONVENTIONAL PROPERTY OF  
NELSON HEAT TRACING SYSTEMS  
CLASS 319  
SC: NONE  
DOC# GC00447  
D/I

REF: GD0446  
DATE: 05/20/08  
DSCR: DMR  
APP'D: DMB  
DATE: 05/20/08

PHONE: (918)922-5930  
FAX: (918)922-9308