

RECORD DRAWING
 (ALL REVISIONS ARE BASED UPON CITY AND CONTRACTOR NOTES AND COMMENTS)

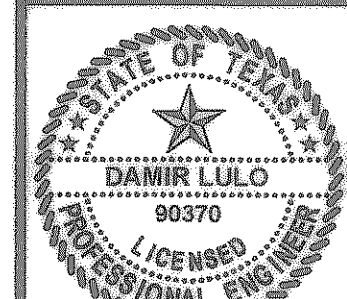
NO.	DATE	REVISION	BY	DL
1	9/29/04			

FIELD ORDER NO. 1
 FREEMAN-MILLICAN, Inc.
 ENGINEERS - ARCHITECTS - PLANNERS
 9800 FOREST LN. DALLAS, TX 75243-0665

CITY OF HEATH
 PUMP STATION NO. 1
NEW I/C PANEL

RELAY & TIMER LABEL CONVENTION

CR,TR 1-10 - COMMON CTRL
 CR,TR 11-19 - PUMP NO. 1
 CR,TR 21-29 - TO PUMP NO. 2
 CR,TR 31-39 - PUMP NO. 3
 CR,TR 41-49 - PUMP NO. 4
 CR,TR 51-59 - PUMP NO. 5
 CR,TR 61 & UP - COMMON CTRL



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAMIR LULO, P.E. NO. 90370 ON 01-19-2005.

SCALE: AS SHOWN

PROJECT No.: 02150
 DATE: JAN. 2005
 DESIGNED: D.L.
 DRAWN: FMI
 CHECKED: J.T.M.

SHEET
E3
 TOTAL SHEETS: 35

IMPORTANT NOTE:
 PLC 1 AND 2 SHALL BE PROGRAMMED WITH SAME NETWORK ADDRESS. ONLY ONE PLC SHALL BE ENERGIZED AT ANY ONE TIME. IN CASE OF MASTER PLC FAILURE, BACKUP MASTER SHALL BE ENERGIZED MANUALLY VIA SELECTOR SWITCH BY THE OPERATOR.

COMPONENTS FURNISHED BY MCC MFR. WHO IS RESPONSIBLE FOR SYSTEM COMPATIBILITY WITH MODBUS TCP PROTOCOL

NOTE: THIS IS A COPY OF THE TYPICAL ACTUATOR SWITCH DIAGRAM AS SHOWN ON SHEET E5