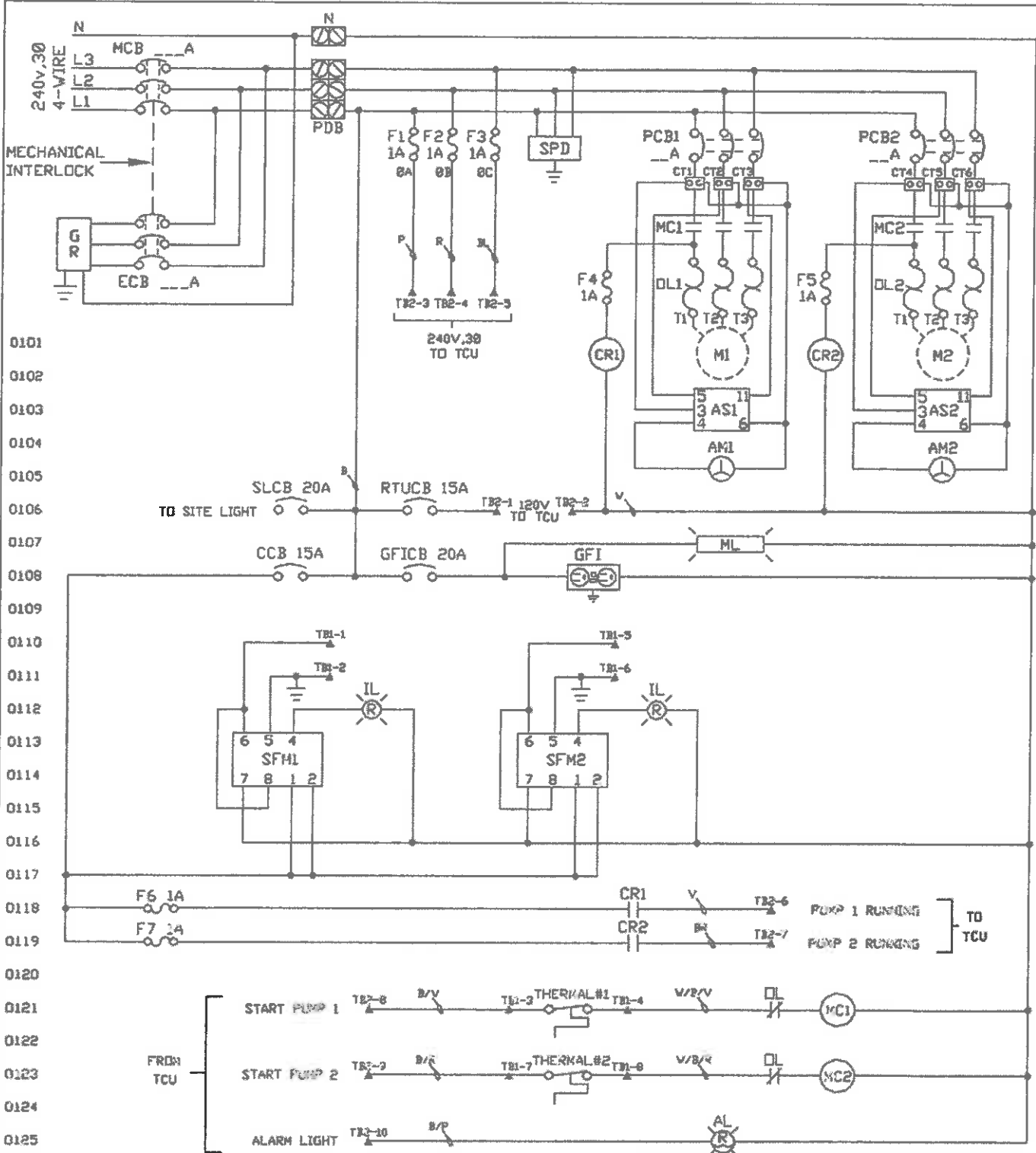


IFB 17-0819GC
Addendum 2



UNITRON CONTROLS®
A DIVISION OF BARNEY'S PUMPS, INC.
P.O. BOX 3579, LAKELAND, FL 33850
PHONE (933) 896-9215 FAX (933) 896-9216

DATE
01/02/2017

PROJECT:

STATUS
SPEC.

CUSTOMER: MANATEE CO.

DRAWN BY:
JFT

PUMP: -----

ELECTRICAL: 240V, 30 / ____ HP / ____ FLA

SCALE
NTS

JOB #: -----

DWG. #: MANCOSPEC

PAGE
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REV.
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REV.	REVISION DESCRIPTION	DATE
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PUMP CONTROL PANEL BILL OF MATERIALS

QTY.	ABBR.	DESCRIPTION	MANUFACTURER, PART#
1	ENC	ENCLOSURE, 304SS N3R/12 (WHITE)	CUSTOM EQUIPMENT, 36X30X12-WHT-MANCO
1	MCB	MAIN CIRCUIT BREAKER	SQ.D, (SIZE AS REQUIRED - 100A MIN.)
1	ECB	EMERGENCY CIRCUIT BREAKER	SQ.D, (SIZE AS REQUIRED - 100A MIN.)
2	PCB1,2	PUMP CIRCUIT BREAKER	SQ.D, (SIZE AS REQUIRED)
1	CCB	CONTROL CIRCUIT BREAKER	SQ.D, QDU115
1	RTUCB	RTU CIRCUIT BREAKER	SQ.D, QDU115
1	GFICB	GFI CIRCUIT BREAKER	SQ.D, QDU120
1	SLCB	SITE LIGHT CIRCUIT BREAKER	SQ.D, QDU120
2	MC1,2	SOLID STATE CONTACTOR	CRYDON, A53TP _____ (SIZE AS REQUIRED)
2	CR1-2	CURRENT RELAY	CRYDON, CWA2410
2	OL1-2	OVERLOAD RELAY	SIEMENS, ESP200 (SIZE AS REQUIRED)
1	GR	GENERATOR RECEPTACLE	RUSSELL STOLL, JRSB1044FR (230V, 100A) RUSSELL STOLL, JRSB2044FR (230V, 200A)
1	SPD	SURGE PROTECTOR	DITEK, DTK-2403CMX+
6	CT1-6	CURRENT TRANSFORMER ___5	ELECTRO. IND, 2SFT-_____ (SIZE AS REQUIRED)
2	AS1-2	AMMETER SELECTOR SWITCH	SPRECHER & SCHUH, LE2-12-8751
2	AM1-2	AMMETER 0-___ A	YOKOGAWA, YE-250-340-LS__ (SIZE AS REQUIRED)
7	F1-7	FUSE, 1A	FERRAZ, ATMR-1
1	GFI	120V RECEPTACLE	PASS & SEYMOUR, 1595-I
1	ML	MAINTENANCE LIGHT, LED	HOFFMAN, LEDA1S35
2	SFM1,2	SEAL FAIL MODULE	SYRELEC, PNRU-110A
2	IL	INDICATING LIGHT, RED LED	EATON, C22-L-XR-120
1	ASB	ALARM SILENCE BUTTON	SQ.D, 9001-SKR1BH5
1	AL	ALARM LIGHT, 120V STROBE	FEDERAL, LP3P-120R

WIRE COLOR CODE

SYMBOL	COLOR
B	BLACK
W	WHITE
G	GREEN
BL	BLUE
R	RED
P	PINK
V	VIOLET
BR	BROWN
B/R	BLACK/RED
B/V	BLACK/VIOLET
B/P	BLACK/PINK
G/P	GREY/PINK
G/R	GREY/RED
C/BL	GREY/BLUE
G/R	GREY/BROWN
W/R	WHITE/RED
W/B/V	WHT/BLK/VIOLET
W/B/R	WHT/BLK/RED



UNITRON CONTROLS®
A DIVISION OF BARNEY'S PUMPS, INC.
PO BOX 3579, LAKELAND, FL 33852
PHONE 1983 985 9850 FAX 1983 988 3966

DATE
01/08/2017

PROJECT:

STATUS
SPEC.

CUSTOMER: MANATEE CO.

DRAWN BY
JFT

PUMP: _____

ELECTRICAL: 240V, 3Ø / ____ HP / ____ FLA

SCALE
N.T.S.

JOB #: _____

DWC. #: MANCOSPEC

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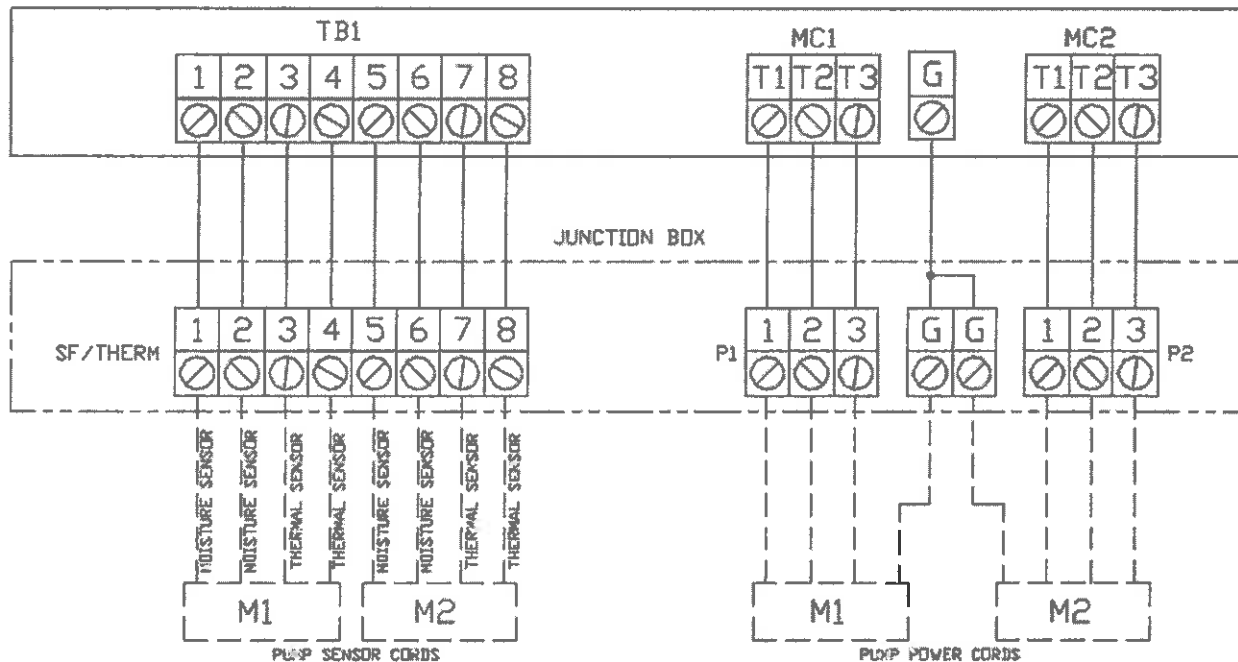
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REV. REVISION DESCRIPTION

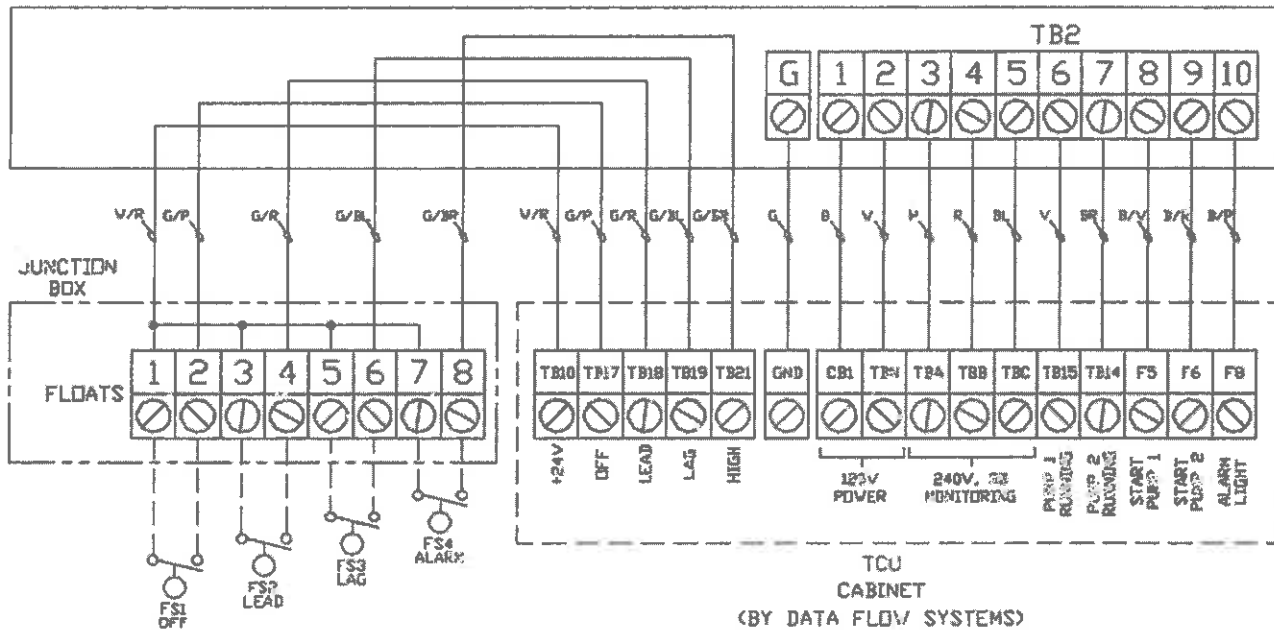
DATE

TERMINALS

PUMP CONTROL PANEL



PUMP CONTROL PANEL



UNITRON CONTROLS®
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P.O. BOX 3679, LAKELAND, FL 33850
PHONE (813) 698-9400 FAX (813) 698-9401

DATE
01/09/2017

PROJECT:

STATUS
SPEC.

CUSTOMER: MANATEE CO.

DRAWN BY
JFT

PUMP: _____

ELECTRICAL: 240V, 3Ø / ____ HP / ____ FLA

SCALE
NTS

JOB #: _____

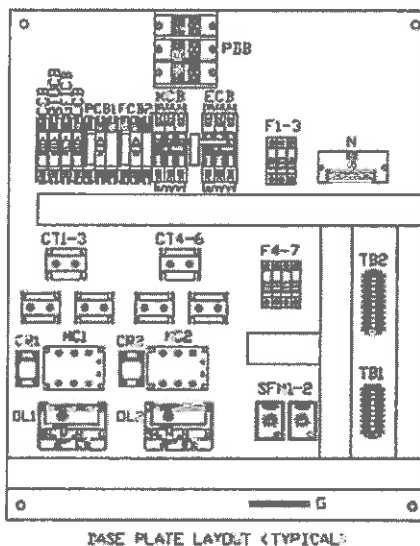
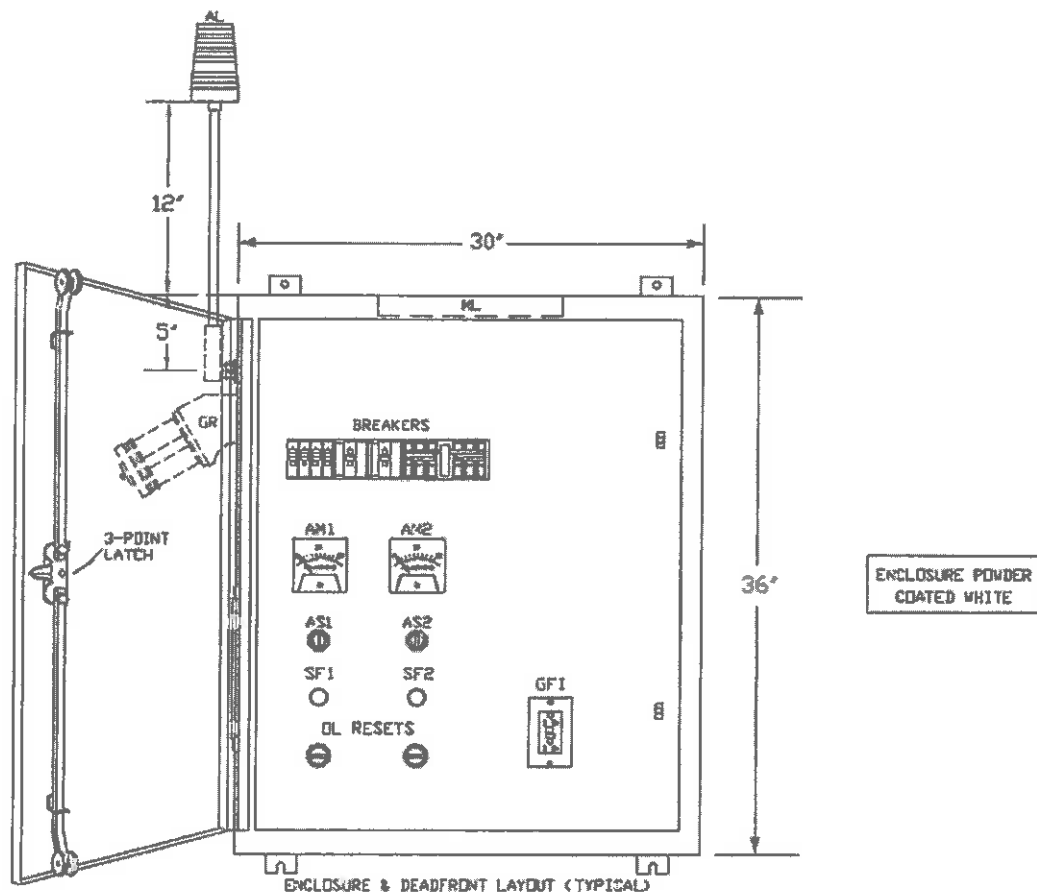
DWG. #: MANCOSPEC

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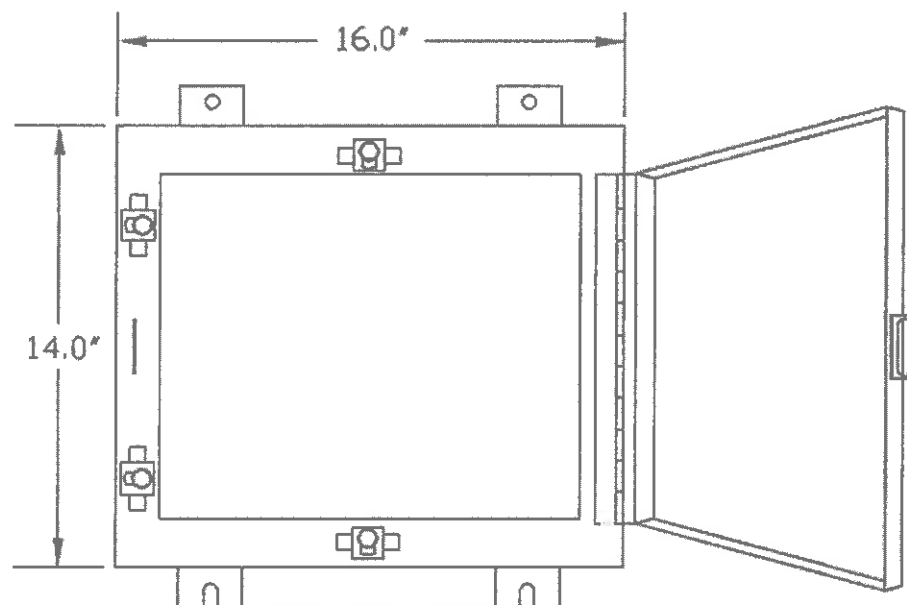
REV. REVISION DESCRIPTION

DATE

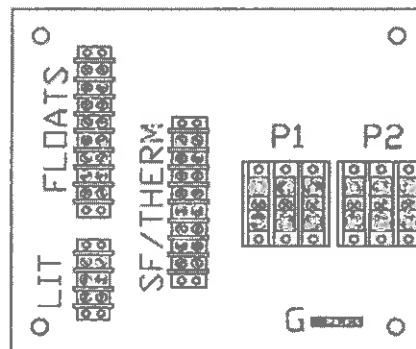


	UNITRON CONTROLS® A DIVISION OF BARNEY'S PUMPS, INC. P.O. BOX 3879, LAKELAND, FL 33852 PHONE: (888) 865-9511 FAX: (941) 866-3955		DATE: 01/09/2017		PROJECT:	
			STATUS SPEC.		CUSTOMER: MANATEE CO.	
			DRAWN BY: JFT		PUMP: _____ ELECTRICAL: 240V,3Ø / ____HP / ____ FLA	
			SCALE NTS		JOB #: _____ DWG. #: MANCOSPEC	
REV.	REVISION DESCRIPTION		DATE		PAGE 4 OF 4	REV. 0

JUNCTION BOX BILL OF MATERIALS			
QTY.	ABBR.	DESCRIPTION	MANUFACTURER, PART#
1	ENC	ENCLOSURE, 304SS N4X (WHITE)	CUSTOM EQUIPMENT, 14X16X8-WHT-MANCO
2		8-POINT TERMINAL BLOCK	IDEAL, 89-208
1		3-POINT TERMINAL BLOCK	IDEAL, 89-203
2		PUMP TERMINAL BLOCK	MARATHON, 1323572
1	G	GROUND BAR	EATON, GBK5



JUNCTION BOX
(POWDER COATED WHITE)



BASE PLATE



UNITRON CONTROLS®
A DIVISION OF BARNEY'S PUMPS, INC.
174 BOX 9529, LAKELAND, FL 33852
PHONE (813) 894-9529 FAX (813) 894-3926

DATE
01/03/2017

PROJECT:

STATUS
SPEC.

CUSTOMER: MANATEE CO.

DRAWN BY:
JFT

PUMP: _____

ELECTRICAL: 240V, 3Ø / ____ HP / ____ FLA

SCALE
NTS

JOB #: _____

DWG. #: MANCOSPEC

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REV.
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REV. REVISION DESCRIPTION

DATE