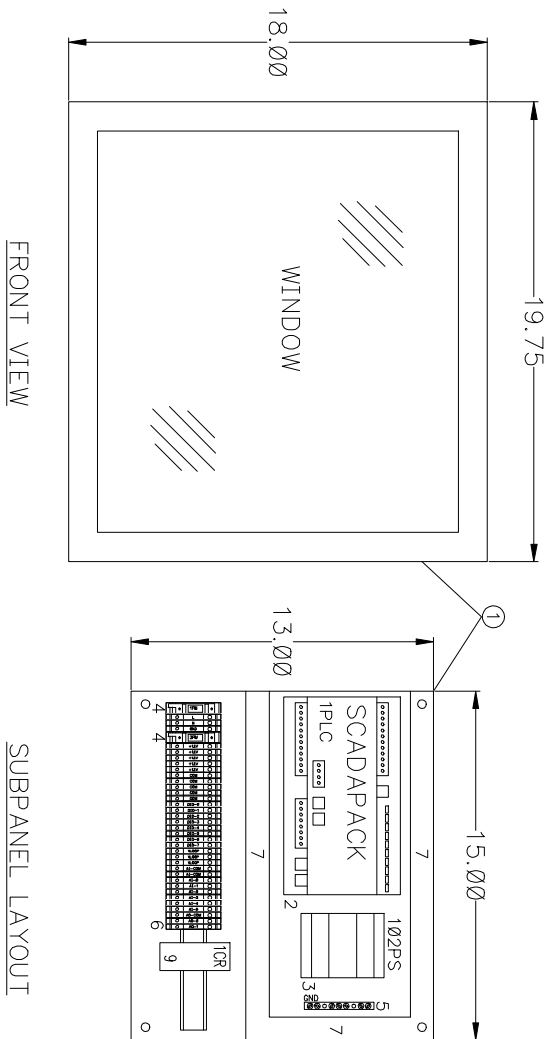


ITEM	QTY	MFG	CATALOG	DESCRIPTION
1	1	STAHLIN	DSW181610HPL	ENCLOSURE, FIBERGLASS, WINDOW DOOR, 18"x16"x10"
	1	STAHLIN	BP18P16	SUBPANEL, 18"x16"
2	1	CONTROL MICROSYSTEMS	P200-1A00-AA11	SCADAPACK LP, 5 ANALOG INPUTS, 2 ANALOG OUTPUTS, 8 I/O, INTEGRATED 900MHZ RADIO
3	1	PHOENIX CONTACT	STEP-PS-100-240ACDC/	POWER SUPPLY, 120VAC-12VDC, 2.1 AMPS
4	2	WEIDMULLER	101430000000	FUSED TERMINAL BLOCK
	1	BUSSMAN	MDL-3	FUSE, 3 AMP
	1	BUSSMAN	MDL-5	FUSE, 5 AMP
5	1	SQUARE D	PK7GTA	GROUND BAR, 7 POSITION
6	35	WEIDMULLER	1020100000	TERMINAL BLOCK, WDU4, 22-10AWG, BEIGE
7	A/R	TY DUCT	NPB6 SERIES	WIRE DUCT, THIN FINGER, BLACK
8	4	SMD	OS-900A-12-0	OPTICAL LIQUID LEVEL SENSOR, 12VDC
9	1	IDEC	RR2BA-U	CONTROL RELAY, 12VDC, DPDT
	1	IDEC	SR3B-05	RELAY BASE, BLADE

BILL OF MATERIAL



L	
N	
GND	
+12V	
+12V	
+12V	
+12V	
COM	
COM	
COM	
COM	
DIO-0	
DIO-1	
DIO-2	
DIO-3	
DIO-4	
DIO-5	
DIO-6	
DIO-7	
VLOOP	
VLOOP	
VLOOP	
AI-COM	
AI-COM	
AI-0	
AI-1	
AI-2	
AI-3	
AI-4	
AI-5	
AO-COM	
AO-0	
AO-1	

TERMINAL BLOCK LAYOUT



Control Systems, Inc.

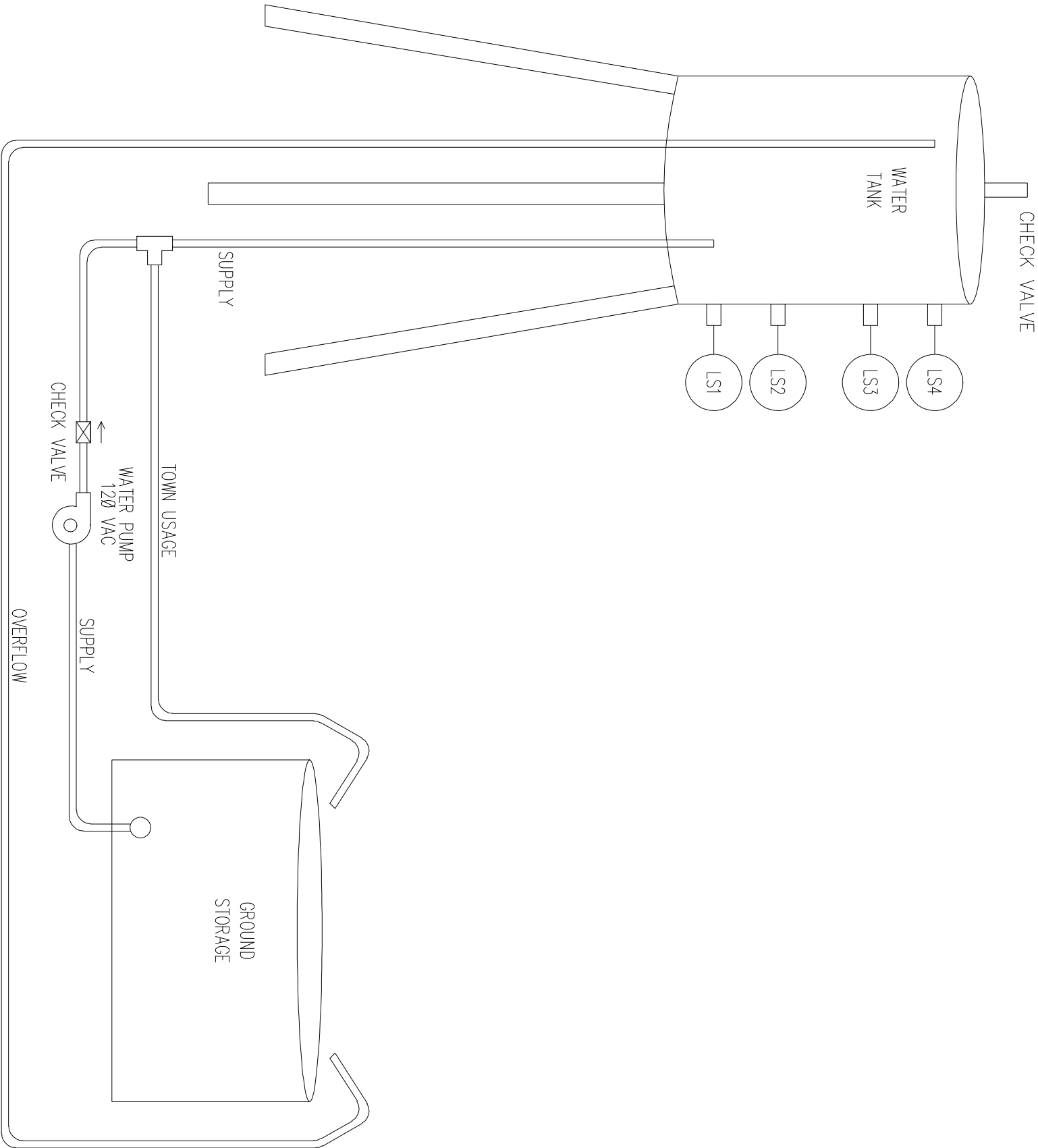
3822 HIGHWAY 25
MONTEVALLO, ALABAMA 35115
(205) 679-4000 FAX: (205) 679-4274

1	RECORD DRAWING	1/8/08	
A	FOR CONSTRUCTION	10/1/07	
NO.	REVISION	DATE	

MISSISSIPPI STATE UNIVERSITY
DEPT. OF COMPUTER SCIENCE
AND ENGINEERING

SCADA DEMO
RAISED WATER SYSTEM
PANEL LAYOUT & BOM

DESIGN NO.	DATE
70104	10/01/07
DRAWN BY:	SCALE
JHM	NONE
CHECKED BY:	SHEET NO.
JWG	1/2
DRAWING NO.	70104F01



RAISED WATER TANK DEMO



Control Systems, Inc.

3822 HIGHWAY 25
MONTEVALLO, ALABAMA 35115
(205) 679-4000 FAX: (205) 679-4274

1	RECORD DRAWING	1/9/08	
A	FOR CONSTRUCTION	10/01/07	
NO.	REVISION	DATE	

CUSTOMER:
MISSISSIPPI STATE UNIVERSITY
DEPT. OF COMPUTER SCIENCE
AND ENGINEERING

PROJECT:
SCADA DEMO
RAISED WATER SYSTEM
PROCESS DRAWING

DRAWING NO.	DATE
70104	10/01/07
DRAWN BY:	SCALE:
JHM	NONE
CHECKED BY:	SHEET NO.
JWG	4/4
DRAWING NO.	70104F04