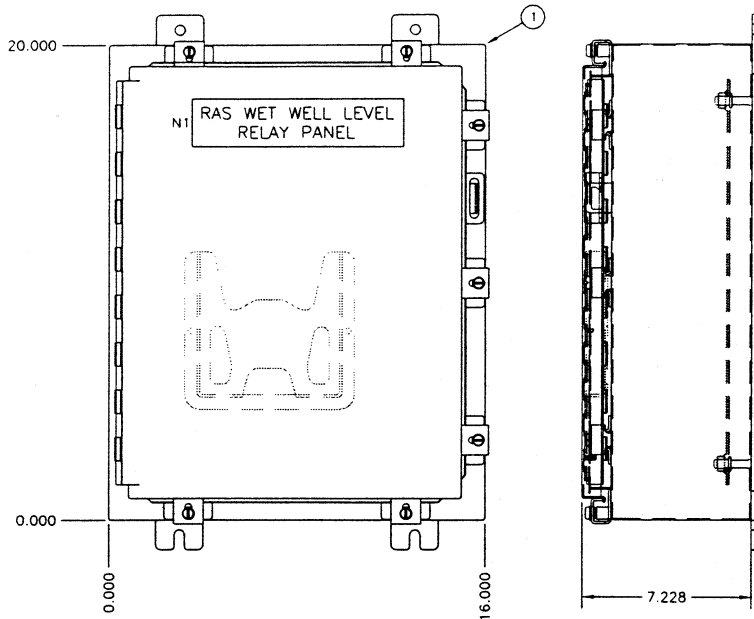
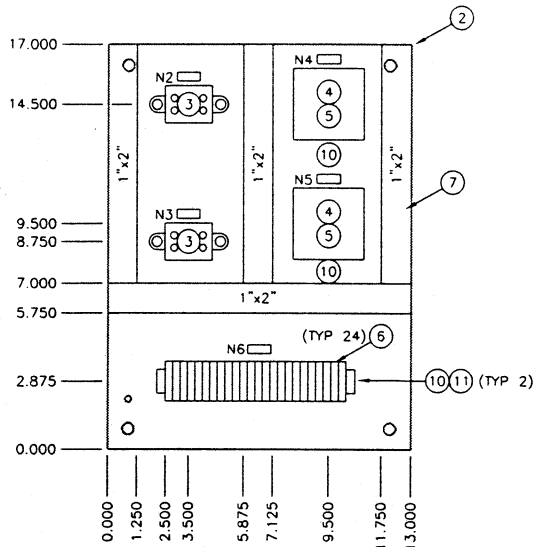


DATE	SYM	REVISION RECORD	AUTH	DR	CK
5/12/03	A	FOR APPROVAL	CUST	TL	DC



FRONT VIEW
SCALE: 1/4" = 1"

SIDE VIEW
SCALE: 1/4" = 1"



SUBPANEL
SCALE: 1/4" = 1"

IB1

RED
BLK
YEL
SPARE
SPARE
SPARE
L
N
R16-1A
R16-1B
R16-2A
R16-2B
R16-3A
R16-3B
R16-4A
R16-4B
R18-1A
R18-1B
R18-2A
R18-2B
R18-3A
R18-3B
R18-4A
R18-4B

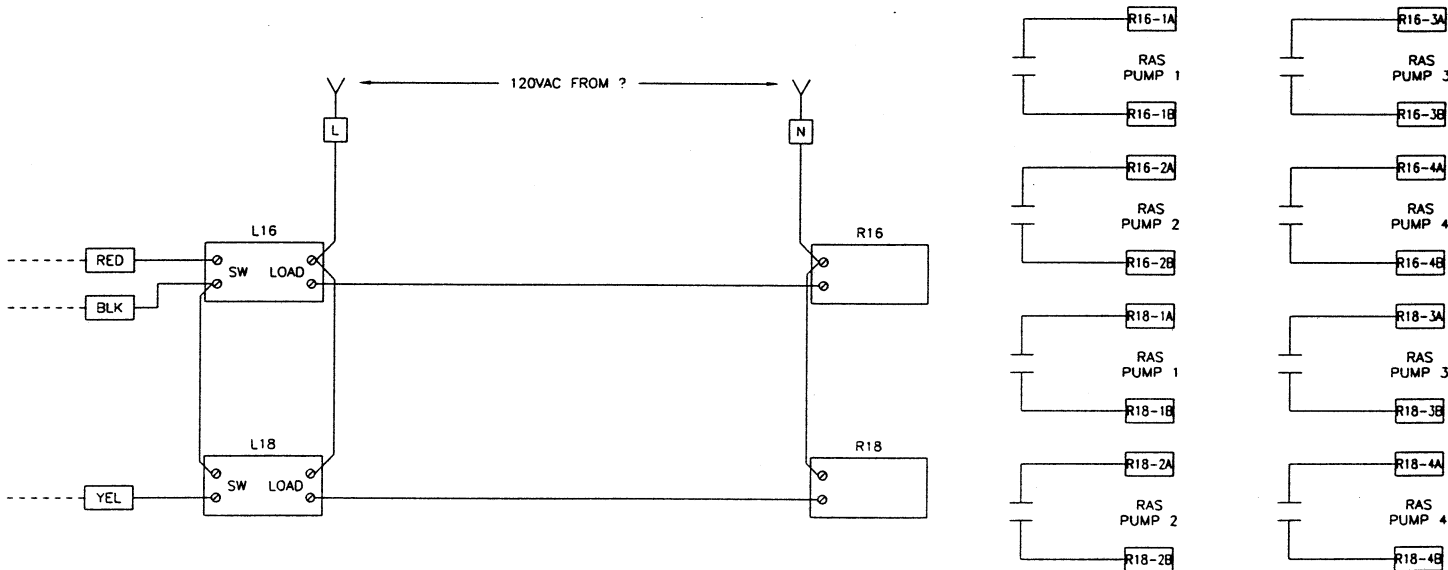
BILL OF MATERIAL

ITEM	QTY	USED FOR	DESCRIPTION
1	1	ENCLOSURE	HOFFMAN #A-201606LP NEMA 12 ENCLOSURE, 20"x16"x6"
2	1	SUBPANEL	HOFFMAN #A-20P16 WHITE ENAMEL SUBPANEL, 17"x13"
3	2	GEWS LOAD-PAK	GEWS LOAD-PAK #20173 5 AMP, AC, SPST N.O. RELAY
4	2	RELAY	IDEC RU4PDT5-A110 4PDT 120VAC RELAY
5	2	RELAY SOCKET	IDEC SY4S-05 4PDT RELAY SOCKET
6	24	TERMINAL	PHOENIX CONTACT #UK6N TERMINALS
7	LOT	PANDUIT	1"x2" PANDUIT WIREWAY WITH COVERS
8	LOT	NAMEPLATE	NAMEPLATES, PLASTIC WHITE W/BLACK LETTERS.
9	1	CORROSION INHIBITOR	HOFFMAN A-HCI1DV CORROSION INHIBITOR (NOT SHOWN)
10	LOT	MOUNTING RAIL	PHOENIX CONTACT #N535 MOUNTING RAIL
11	2	END BARRIER	PHOENIX CONTACT #D-UK 4/10 END BARRIER

NAMEPLATES

WHITE WITH BLACK LETTERING

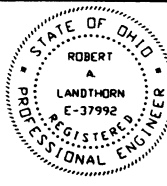
	QTY	SIZE	LETTER SIZE	MTG. HOLES	LINE 1	LINE 2
N1	1	2" x 9"	1/2"	YES	RAS WET WELL LEVEL	RELAY PANEL
N2	1	0.375" x 1"	3/16"	NO	L16	
N3	1	0.375" x 1"	3/16"	NO	L18	
N4	1	0.375" x 1"	3/16"	NO	R16	
N5	1	0.375" x 1"	3/16"	NO	R18	
N6	1	0.375" x 1"	3/16"	NO	TB1	



WIRING SCHEMATIC

05/21/03 13:14

WIRE LUGS - NO ☒ YES ☐			
INSULATION: NYLON ☐ PVC ☒			
RING ☐ LOCKING SPADE ☐			
WIRE SPECIFICATIONS:			
USAGE	SIZE	COLOR	INSULATION
AC PANEL POWER	AWG #12	BLK.	THW/THHN
AC PANEL NEUTRAL	AWG #12	WHI	THW/THHN
AC PANEL GROUND	AWG #12	GRN.	THW/THHN
AC CONTROL POWER	AWG #14	RED	THW/THHN
AC CONTROL NEUTRAL	AWG #14	WHI	THW/THHN
AC FOREIGN	AWG #14	YELLOW	THW/THHN
DC POWER	AWG #18	BLUE	THW/THHN
DC CONTROL	AWG #18	BLUE	THW/THHN
SIGNAL/INSTRUMENTS	AWG #16	2 CONDUCTOR SHLD	THW/THHN



KOKOSING CONSTRUCTION CO. P.O. #	
DUBLIN TECHNICAL SYSTEMS INC. PROJECT-# 02040	

TOLERANCES	DUBLIN TECHNICAL SYSTEMS, INC.
DECIMAL ± .03	CITY OF MASSILLON, OHIO REGIONAL WASTEWATER TREATMENT PLANT - UPGRADE 2000 PROJECT NO. E9031
FRACTIONAL ± 1/32"	SCALE NONE
ANGULAR ± 1°	DRAWN BY TL
	APPROVED BY DC
	TITLE RAS WET WELL LEVEL RELAY PANEL LAYOUT
	DATE 5/12/03
	DRAWING NUMBER DTSI - 02040 - 259