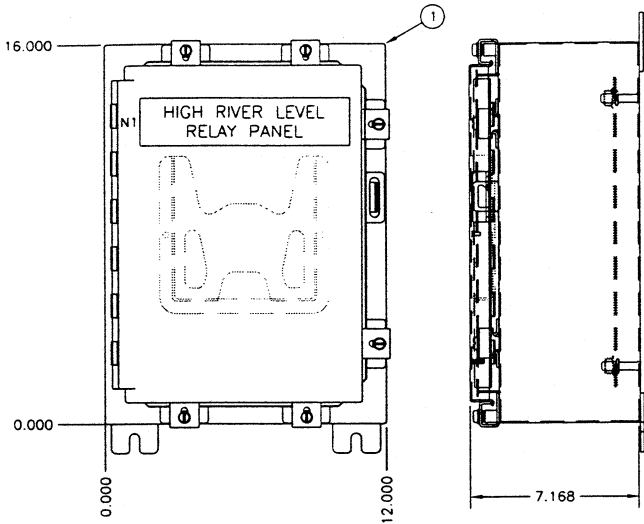


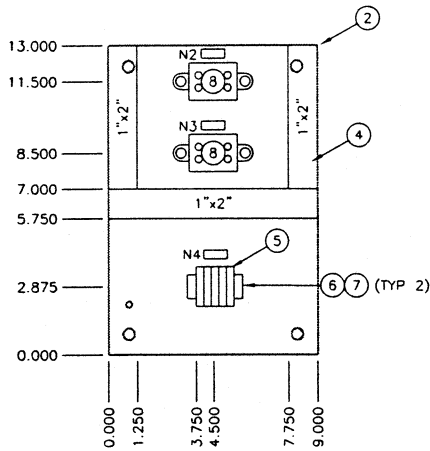
DATE	SYM	REVISION RECORD	AUTH	DR	CK
5/12/03	A	FOR APPROVAL	CUST	TL	DC

BILL OF MATERIAL					
ITEM	QTY	USED FOR	DESCRIPTION		
1	1	ENCLOSURE	HOFFMAN #A-161206LP NEMA 12 ENCLOSURE, 16"x12"x6"		
2	1	SUBPANEL	HOFFMAN #A-16P12 WHITE ENAMEL SUBPANEL, 13"x9"		
3	LOT	NAMEPLATE	NAMEPLATES, PLASTIC WHITE W/BLACK LETTERS.		
4	LOT	PANDUIT	1"x2" PANDUIT WIREWAY WITH COVERS		
5	6	TERMINAL	PHOENIX CONTACT #UK6N TERMINALS		
6	LOT	MOUNTING RAIL	PHOENIX CONTACT #NS35 MOUTING RAIL		
7	2	END BARRIER	PHOENIX CONTACT #D-UK 4/10 END BARRIER		
8	2	GEMS LOAD-PAK	GEMS LOAD-PAK #20173 5 AMP, AC, SPST N.O. RELAY		
9	1	CORROSION INHIBITOR	HOFFMAN A-HC11DV CORROSION INHIBITOR (NOT SHOWN)		



FRONT VIEW
SCALE: 1/4" = 1"

SIDE VIEW
SCALE: 1/4" = 1"



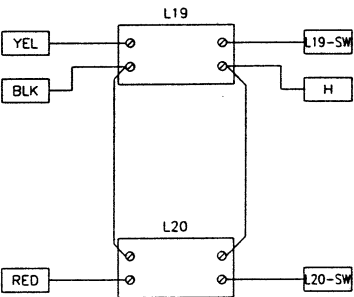
SUBPANEL
SCALE: 1/4" = 1"

NAMEPLATES WHITE WITH BLACK LETTERING

	QTY	SIZE	LETTER SIZE	MTG. HOLES	LINE 1	LINE 2
N1	1	2" X 9"	1/2"	YES	HIGH RIVER LEVEL	RELAY PANEL
N2	1	0.375" X 1"	3/16"	NO	L19	
N3	1	0.375" X 1"	3/16"	NO	L20	
N4	1	0.375" X 1"	3/16"	NO	TB1	

TB1

YEL
BLK
RED
H
L19-SW
L20-SW



WIRING SCHEMATIC

05/21/03 14:20	WIRE LUGS - NO ☒ YES ☐		RING ☐ LOCKING SPADE ☐			 KOKOSING CONSTRUCTION CO. P.O. #	TOLERANCES		 DUBLIN TECHNICAL SYSTEMS, INC.		
	INSULATION: NYLON ☐ PVC ☒						DECIMAL	CITY OF MASSILLON, OHIO REGIONAL WASTEWATER TREATMENT PLANT - UPGRADE 2000 PROJECT NO. E9031		SCALE	DRAWN BY TL
	WIRE SPECIFICATIONS:		SIZE				± .03			NONE	APPROVED BY DC
	USAGE		COLOR				FRACTIONAL			TITLE	
	AC PANEL POWER	AWG #12	BLK.	THW/THHN			± 1/32"			HIGH RIVER LEVEL PANEL LAYOUT	
	AC PANEL NEUTRAL	AWG #12	WHT.	THW/THHN			ANGULAR			DATE	
	AC PANEL GROUND	AWG #12	GRN.	THW/THHN			± 1°			5/12/03	
	AC CONTROL POWER	AWG #14	RED	THW/THHN			DRAWING NUMBER			DTSI - 02040 - 267	
	AC CONTROL NEUTRAL	AWG #14	WHT.	THW/THHN							
	AC FOREIGN	AWG #14	YELLOW	THW/THHN							
DC POWER	AWG #16	BLUE	THW/THHN								
DC CONTROL	AWG #16	BLUE	THW/THHN								
SIGNAL/INSTRUMENTS	AWG #16	2 CONDUCTOR SHLD	THW/THHN								