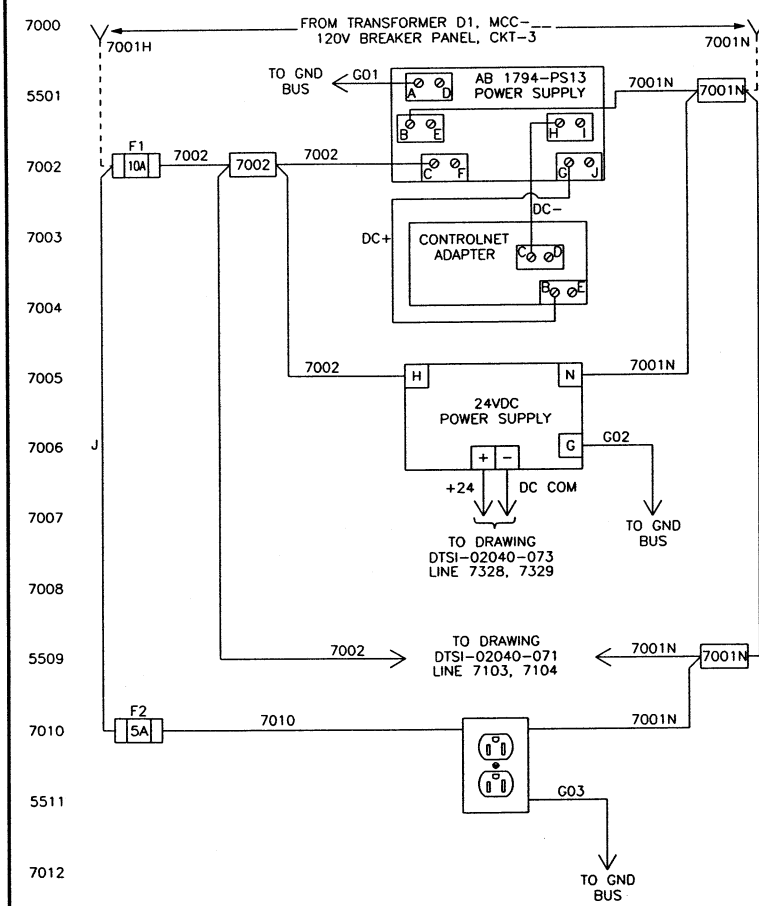
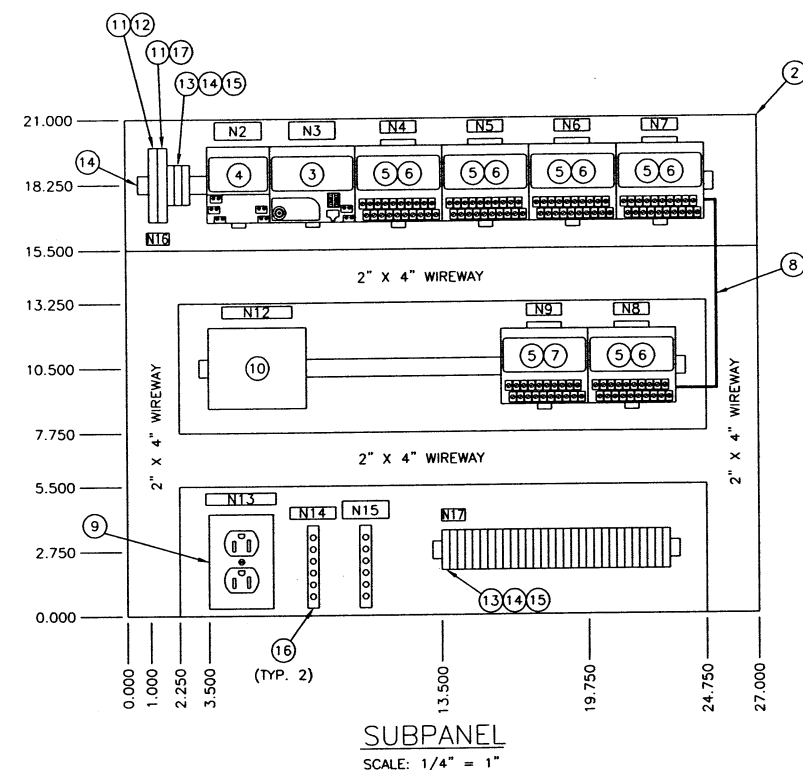
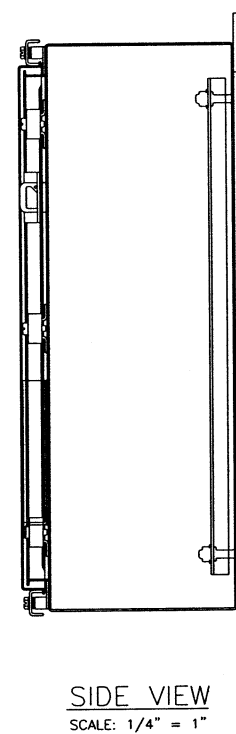
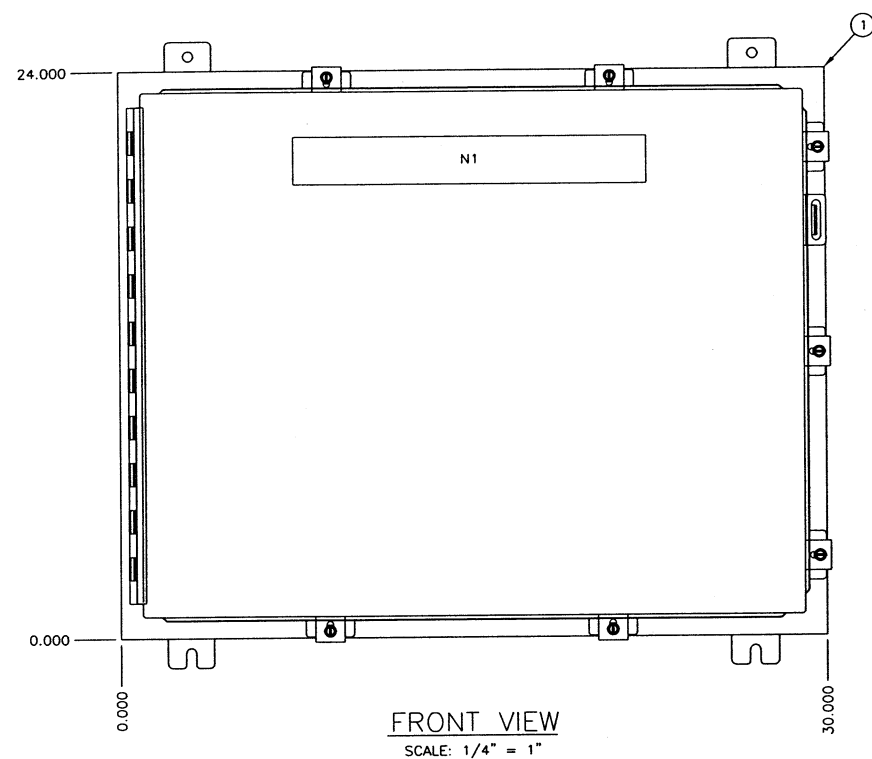


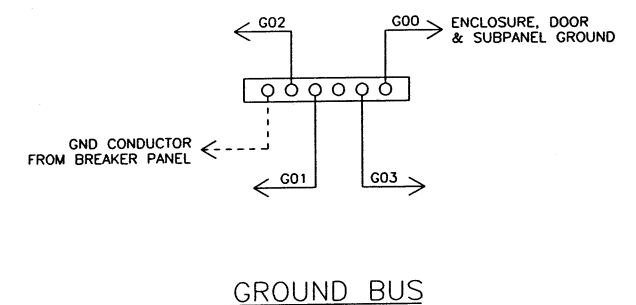


DATE	SYM	REVISION RECORD	AUTH	OR	CK
5/12/03	A	FOR APPROVAL	CUST	HR	BS

BILL OF MATERIAL			
ITEM	QTY	USED FOR	DESCRIPTION
1	1	ENCLOSURE	HOFFMAN #A-24H30BLP, 24"H X 30"W X 8"D, NEMA 4
2	1	SUBPANEL	HOFFMAN #A-30P24, 21"H X 27"W
3	1	CONTROLNET ADAPTER	ALLEN BRADLEY #1794-ACN15, 8 MODULE CONTROLNET INTERFACE
4	1	POWER SUPPLY	ALLEN BRADLEY #1794-PS13, 120/230VAC INPUT, 1.3A @ 24VDC OUTPUT
5	6	TERMINAL BASE	ALLEN BRADLEY #1794-TBNF, FUSED MODULE
6	5	INPUT MODULE	ALLEN BRADLEY #1794-IAB, 8 POINT NON-ISOLATED DIGITAL INPUT MODULE
7	1	INPUT MODULE	ALLEN BRADLEY #1794-IF4I, 4 POINT ISOLATED ANALOG INPUT MODULE
8	1	EXTENDER CABLE	ALLEN BRADLEY #1794-CE1, 1 FOOT
9	1	RECEPTACLE	PASS & SEYMOUR #5362-AGRY, 20 AMPS 125 VOLT GRAY
10	1	POWER SUPPLY	PHOENIX CONTACT #2939247, 120VAC INPUT, 24VDC OUTPUT @ 1.0A
11	2	FUSED TERMINAL	PHOENIX CONTACT #UK 6.3-HESI WITH 2 POS. OR 3 POS BRIDGE, EB2-10 OR EB10-10
12	1	F1	BUSSMAN #AGC-10, 10 AMP FAST-ACTING FUSE, 1/4" X 1 1/4"
13	33	TERMINAL	PHOENIX CONTACT #UK6N
14	LOT	RAIL	PHOENIX CONTACT #NS35 MOUNTING RAIL
15	LOT	END BARRIER	PHOENIX CONTACT #D-UK 4/10
16	1	GND BUS	ILSCO #D167-6, 6 POINT COPPER GND BUS
17	1	F2	BUSSMAN #AGC-5, 5 AMP FAST-ACTING FUSE, 1/4" X 1 1/4"

NAMEPLATES WHITE WITH BLACK LETTERING

	QTY	SIZE	LETTER SIZE	MTG. HOLES	LINE 1	LINE 2
N1	1	2" X 15"	1/2"	YES	TERTIARY FILTER & UV	REMOTE I/O ENCLOSURE -- NODE
N2	1	0.75" X 2"	3/16"	NO	CONTROLNET	P.S.
N3	1	0.75" X 2"	3/16"	NO	CONTROLNET	ADAPTER
N4	1	0.5" X 1.5"	3/16"	NO	SLOT 0	
N5	1	0.5" X 1.5"	3/16"	NO	SLOT 1	
N6	1	0.5" X 1.5"	3/16"	NO	SLOT 2	
N7	1	0.5" X 1.5"	3/16"	NO	SLOT 3	
N8	1	0.5" X 1.5"	3/16"	NO	SLOT 4	
N9	1	0.5" X 1.5"	3/16"	NO	SLOT 5	
N10	0	0.5" X 1.5"	3/16"	NO	SLOT 6	
N11	0	0.5" X 1.5"	3/16"	NO	SLOT 7	
N12	1	0.5" X 3"	3/16"	NO	DC POWER SUPPLY	
N13	1	0.5" X 2"	3/16"	NO	RECEPTACLE	
N14	1	0.5" X 2"	3/16"	NO	GND BUS	
N15	1	0.75" X 2"	3/16"	NO	ISOLATED	GND BUS
N16	1	0.5" X 1"	3/16"	NO	TB1	
N17	1	0.5" X 1"	3/16"	NO	TB2	



WIRE LUGS - NO ☒ . YES ☐		RING ☐ . LOCKING SPADE ☐				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	HR
WIRE SPECIFICATIONS:						FRACTIONAL	TITLE		APPROVED BY	BS	
USAGE		SIZE	COLOR	INSULATION	± .03		NONE	TRANS D1 NODE 11 TERTIARY FILTER & UV PANEL LAYOUT, BILL OF MATERIAL & WIRING SCHEMATIC			
AC PANEL POWER		AWG #12	BLK.	THW/THHN	± 1/32"						
AC PANEL NEUTRAL		AWG #12	WHT.	THW/THHN	ANGULAR		DATE				
AC PANEL GROUND		AWG #12	GRN.	THW/THHN	± 1"		DRAWING NUMBER				
AC CONTROL POWER		AWG #14	RED	THW/THHN			4/09/02				
AC CONTROL NEUTRAL		AWG #14	WHT.	THW/THHN			DTSI - 02040 - 070				
AC FOREIGN		AWG #16	YELLOW	THW/THHN							
DC POWER		AWG #16	BLUE	THW/THHN							
DC CONTROL		AWG #16	BLUE	THW/THHN							
SIGNAL/INSTRUMENTS		AWG #16	CONDUCTOR SHLD	THW/THHN							
05/20/03 12:17											