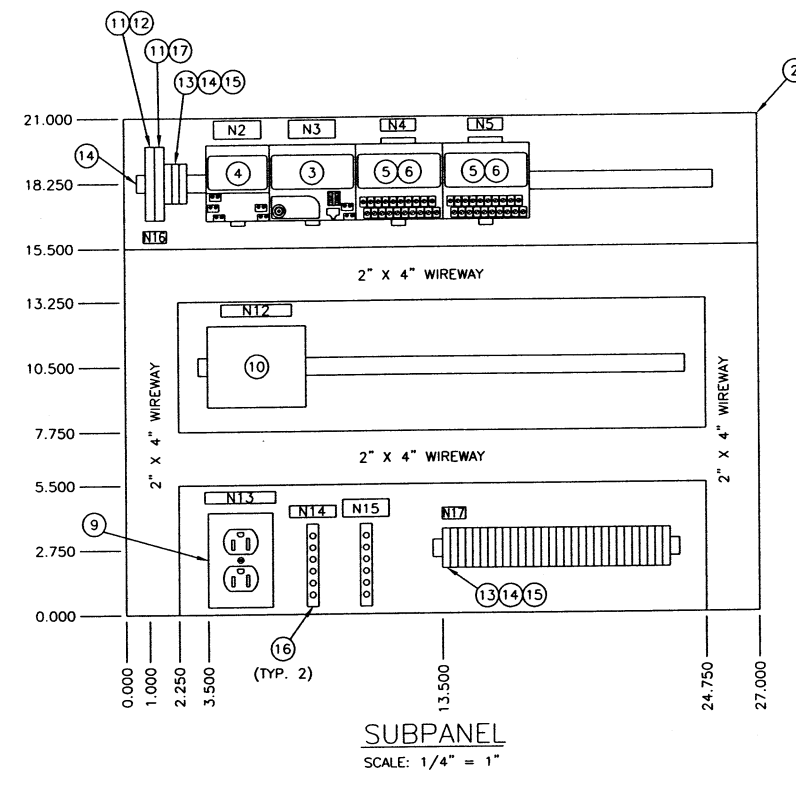
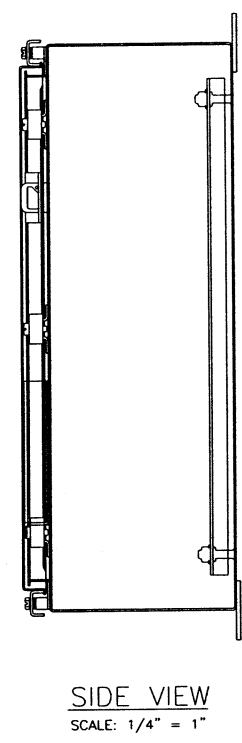
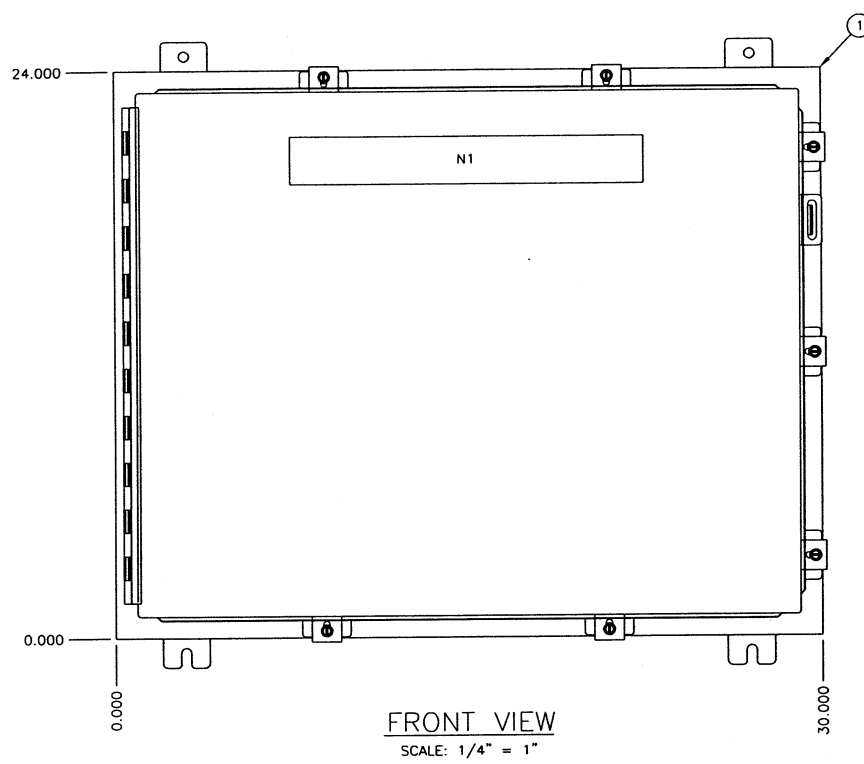
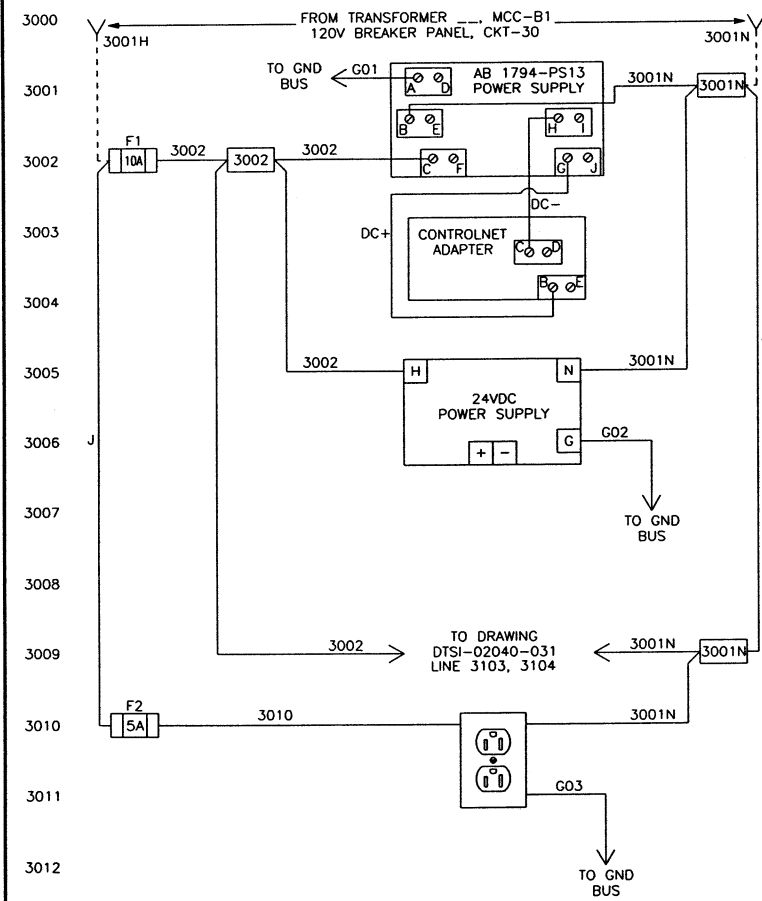


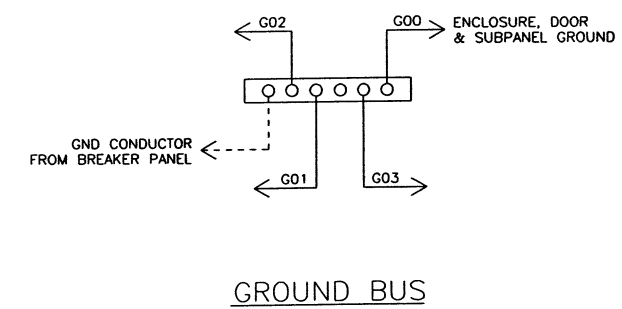


BILL OF MATERIAL			
ITEM	QTY	USED FOR	DESCRIPTION
1	1	ENCLOSURE	HOFFMAN #A-24H30BLP, 24"H X 30"W X 8"D, NEMA 4
2	1	SUBPANEL	HOFFMAN #A-30P24, 21"H X 27"W
3	1	CONTROLNET ADAPTER	ALLEN BRADLEY #1794-ACN15, 8 MODULE CONTROLNET INTERFACE
4	1	POWER SUPPLY	ALLEN BRADLEY #1794-PS13, 120/230VAC INPUT, 1.3A @ 24VDC OUTPUT
5	2	TERMINAL BASE	ALLEN BRADLEY #1794-TBNF, FUSED MODULE
6	2	INPUT MODULE	ALLEN BRADLEY #1794-IAB, 8 POINT NON-ISOLATED DIGITAL INPUT MODULE
7		NOT USED	
8		NOT USED	
9	1	RECEPTACLE	HUBBELL #CR5362GY WITH BOX AND COVERPLATE 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	SCREW PUMPS & AERATION MIXERS	REMOTE I/O ENCLOSURE - NODE 3
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	0	0.5" X 1.5"	3/16"	NO	SLOT 2	
N7	0	0.5" X 1.5"	3/16"	NO	SLOT 3	
N8	0	0.5" X 1.5"	3/16"	NO	SLOT 4	
N9	0	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	



5/20/03 12:28

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

STATE OF OHIO
ROBERT A. LANDTHORN
C-37992
REGISTERED PROFESSIONAL ENGINEER

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

TOLERANCES
DECIMAL ± .03
FRACTIONAL ± 1/32"
ANGULAR ± 1°
CITY OF MASSILLON, OHIO
REGIONAL WASTEWATER TREATMENT PLANT - UPGRADE 2000
PROJECT NO. E9031
TITLE TRANS B & C NODE 3 SCREW PUMPS & AERATION MIXERS PANEL LAYOUT, BILL OF MATERIAL & WIRING SCHEMATIC
DATE 4/09/02
DRAWING NUMBER DTSI - 02040 - 030

DUBLIN TECHNICAL SYSTEMS, INC.
SCALE NONE
DRAWN BY HR
APPROVED BY BS