

CITY OF MASSILLON, OHIO
REGIONAL WASTEWATER TREATMENT PLANT
UPGRADE 2000
PROJECT NO. E9031

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

DRAWING LIST

DTSI - 02040 - 200 RETENTION BYPASS FLOW METER M1
DTSI - 02040 - 201 SECONDARY CLARIFIER VALVE #1
DTSI - 02040 - 202 SECONDARY CLARIFIER VALVE #2
DTSI - 02040 - 203 SECONDARY CLARIFIER VALVE #3
DTSI - 02040 - 204 SECONDARY CLARIFIER VALVE #4
DTSI - 02040 - 205 SECONDARY CLARIFIER VALVE #5
DTSI - 02040 - 206 AERATION TANK #1 RAS FLOW
DTSI - 02040 - 207 AERATION TANK #2 RAS FLOW
DTSI - 02040 - 208 AERATION TANK #3 RAS FLOW
DTSI - 02040 - 209 WAS TO SLUDGE BLENDING FLOW, M10
DTSI - 02040 - 210 RAW SLUDGE TO SLUDGE BLENDING FLOW, M11
DTSI - 02040 - 211 DIGESTER RECIRCULATION FLOW, M13
DTSI - 02040 - 212 DIGESTER FEED FLOW, M12
DTSI - 02040 - 213 GBT FEED FLOW, M14
DTSI - 02040 - 214 BFP FEED FLOW, M15
DTSI - 02040 - 215 GBT #1 DISCHARGE FLOW, M16
DTSI - 02040 - 216 GBT #2 DISCHARGE FLOW, M17
DTSI - 02040 - 217 SPARE
DTSI - 02040 - 218 SPARE
DTSI - 02040 - 219 SPARE
DTSI - 02040 - 220 RETENTION BASIN EFFLUENT FLUME LEVEL, M19
DTSI - 02040 - 221 PLANT EFFLUENT FLOW, M20
DTSI - 02040 - 222 SECONDARY BYPASS FLOW, M21
DTSI - 02040 - 223 SPARE
DTSI - 02040 - 224 SPARE
DTSI - 02040 - 225 SIDESTREAM / RECYCLE FLOW, M22
DTSI - 02040 - 226 DIGESTER WASTE GAS FLOW, M23
DTSI - 02040 - 227 DIGESTER UTILITY GAS FLOW, M24
DTSI - 02040 - 228 SPARE
DTSI - 02040 - 229 SPARE
DTSI - 02040 - 230 RAS PUMP #1 VFD SPEED CONTROL

DTSI - 02040 - 231 RAS PUMP #2 VFD SPEED CONTROL
DTSI - 02040 - 232 RAS PUMP #3 VFD SPEED CONTROL
DTSI - 02040 - 233 RAS PUMP #4 VFD SPEED CONTROL
DTSI - 02040 - 234 SPARE
DTSI - 02040 - 235 INFLUENT TRUNK SEWER LEVEL AND FLOW
DTSI - 02040 - 236 SPARE
DTSI - 02040 - 237 SPARE
DTSI - 02040 - 238 SPARE
DTSI - 02040 - 239 SPARE
DTSI - 02040 - 250 FLOW RETENTION BASIN EFFLUENT FLOW LEVEL, L2
DTSI - 02040 - 251 STORM FLOW RETENTION TANK WATER LEVEL, L3
DTSI - 02040 - 252 THICKENED SLUDGE WET WELL LEVEL, L4
DTSI - 02040 - 253 SLUDGE BLENDING TANK #1 LEVEL
DTSI - 02040 - 254 SLUDGE BLENDING TANK #2 LEVEL
DTSI - 02040 - 255 SIDESTREAM TANK LEVEL, L9
DTSI - 02040 - 256 HIGH RIVER STAGE LEVEL, L10
DTSI - 02040 - 257 BAR SCREENS #1 & #2 LEVEL SWITCHES
DTSI - 02040 - 258 BAR SCREENS LEVEL RELAY PANEL LAYOUT
DTSI - 02040 - 259 RAS WET WELL LEVEL RELAY PANEL LAYOUT
DTSI - 02040 - 260 SPARE
DTSI - 02040 - 261 SPARE
DTSI - 02040 - 262 PRIMARY DIGESTER LEVEL
DTSI - 02040 - 263 SECONDARY DIGESTER LEVEL, L6B
DTSI - 02040 - 264 SPARE
DTSI - 02040 - 265 NPW WET WELL LEVEL, L13
DTSI - 02040 - 266 HIGH RIVER LEVEL SWITCHES
DTSI - 02040 - 267 HIGH RIVER LEVEL PANEL LAYOUT
DTSI - 02040 - 268 SECONDARY DIGESTER LEVEL ALARM PANEL LAYOUT

06/05/03 10:27

WIRE LUGS - NO ☒ YES ☐

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	AWG #16	BLUE	THW/THHN
SIGNAL/INSTRUMENTS	AWG #16	2 CONDUCTOR SHL'D	THW/THHN

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INSULATION: NYLON ☐ PVC ☒

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USAGE	SIZE	COLOR	INSULATION
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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 SHL'D	THW/THHN

STATE OF OHIO

ROBERT A. LANDTHORN

E-37992

PROFESSIONAL ENGINEER

KOKOSING CONSTRUCTION CO.

P.O. #

DUBLIN TECHNICAL SYSTEMS INC.

PROJECT # 02040

TOLERANCES

±	DECIMAL	± .03	FRACTIONAL	± 1/32"	ANGULAR	± 1'
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DUBLIN TECHNICAL SYSTEMS, INC.

CITY OF MASSILLON, OHIO	SCALE	DRAWN BY	TL
REGIONAL WASTEWATER TREATMENT PLANT - UPGRADE 2000	NONE	APPROVED BY	DC
PROJECT NO. E9031	TITLE DRAWING INDEX		
DATE	DRAWING NUMBER		
5/12/03	DTSI - 02040 - 003		