

APPENDIX D
SHOP DRAWING LIST

APPENDIX D

SHOP DRAWING LIST

<u>DESCRIPTION</u>	<u>MANUFACTUTER</u>	<u>DWG. DESIGNATION</u>
Reinf. Steel for Settling Tanks	Owen Steel Co.	75-0487
Gate Valves	Kennedy Valve Mfg. Co. Inc.	KV-10
Gate Valves	Kennedy Valve Mfg. Co. Inc.	KV-4
Gate Valves	Kennedy Valve Mfg. Co. Inc.	KV-19
Chain Wheel Sprockets	Kennedy Valve Mfg. Co. Inc.	MD-214
Flexible Couplings	Smith-Blair, Inc.	TX-101335
Straight Couplings	Rockwell-International	TX-105530
Flanged Coupling Adapter	Smith-Blair, Inc.	TX-105531
Swing Check Valve	Kennedy Valve Mfg. Co. Inc.	C-51405
Reinforcing Steel	Owen Steel Co.	2-4
Diversion & Care of Site Water	R.B. Shannon & Assoc.	G-259
Plug Valves, Actuators, Etc.	The Duriron Co., Inc.	DWG #UP809, UP838, UP702, UP814, UP905
Sludge Drain Trough	Raven Industires, Inc.	D14453
Sludge Drain Trough	Raven, Industries, Inc.	D14454
Sludge Drain Trough	Raven, Industries, Inc.	D14520
Tube, Spacer	Raven, Industries, Inc.	B13496-1
Rod, Spacer	Raven, Industries, Inc.	B13495-1
Hydrostatic Relief Valve	Raven, Industries, Inc.	7505 PXU-01
Air Circulating Fan	Sprout, Waldron & Co. Inc.	D-2123-3
Aeration Tank Equipment	Raven Industries, Inc.	D14455 D14456
Settling Tank Equipment	Raven Industries, Inc.	D14457 D14458
Troughs	Raven Industries, Inc.	D14459 D14460
Flume Channel	Raven Industries, Inc.	D14461 D14464
Trough		
Tube, Spacer	Raven Industries, Inc.	B 13496-4
Rod, Spacer	Raven Industries, Inc.	B 13495-4
Precast Concrete	New Engerprise Stone & Lime Company, Inc.	1-4
Anchor Bolt Plan	Burns & Wray Inc.	110
Roof Steel Erection	Burns & Wray Inc.	111
Floor Steel Erection	Burns & Wray Inc.	112
Structural Details	Burns & Wray Inc.	113
Structural Details	Burns & Wray Inc.	114
Column Details	Burns & Wray Inc.	115
Structural Metal Details	Burns & Wray Inc.	116
Structural Details	Burns & Wray Inc.	117
Slide Gates	Raven Ind., Inc.	DWG. No's 14434 to 1449, 13542, Armco Mod #HB-18
Structural Details	Burns & Wray, Inc.	BW-123

APPENDIX D

SHOP DRAWING LIST

<u>DESCRIPTION</u>	<u>MANUFACTURER</u>	<u>DWG. DESIGNATION</u>
Structural Details	Burns & Wray, Inc.	BW-119
Alum. Angle Frames	Burns & Wray, Inc.	BW-124
Monorail Layout	Acco-Crane & Monorail Div.	PHI 75124-0-1
Lime Bin Support Details	Burns & Wray, Inc.	BW-121
Structural Support Details	Burns & Wray, Inc.	BW-118
Settling Tank Radial Collector System	Raven Ind., Inc.	PL-14309
Walkway Details	Burns & Wray, Inc.	BW-139
Aeration Tank Structural Details	Burns & Wray, Inc.	BW-136
Aeration Tank Structural Details	Burns & Wray, Inc.	BW-137
Conduit Exit Details	Electrical Contractor Associates, Inc.	SK-1
Chlorine Contact Tank	Cromaglass Corp.	EMD-73-0112
Concrete Wall Panel	New Enterprise Stone & Lime Co., Inc.	-
Bench	-	-
Lime Slurry Vats & Tank	Brown Boiler Works, LTD	9/23/76
Electrical Specifications	Engineered Products, Inc.	9/27/76
Indoor Switchboard	I.T.E. Imperial	-
Operating Floor Metal Deck	Brocker Reinf. Steel Fabricators	LD 3834
Misc. Metals Details	Burns & Wray, Inc.	BW-200-23-120
Fiberglass Grating	Joseph T. Ryerson & Son, Inc.	D 2476
Conveyor System	Dover Conveyor & Equip. Co.	FRB-103, FRB-104
Cable Tray Layout	Electrical Contractors Associates, Inc.	JOB #626 D.E.R. No.107-5-3
Main Stair Detail	Burns & Wray, Inc.	BW200-23-122
Operating Room Floor	Owen Steel Co.	File #75-0487
Reinforcing Steel		DWG. #7
Elec. Chase for Motor Control & Console	Electrical Contractors Associates, Inc.	SK-1
Door Frames & Hardware	Conalco Architectural Products	DWG. #1001 #1002
Walkway @ Lime Slurry Tanks	Burns & Wray, Inc.	BW-200-23-140
Main Switchboard	I.T.E. Imperial	DWG.#7238-15-5C-80751-Rev. 3 -15-6A-80751-49 Rev. 1 -15-6A-80751-50 Rev. 1 Sheet I -15-6A-80751-50 Rev. 1 Sheet II -15-6D-80751-51 Rev. 1
Revised Lime Bins	Butler Mfg. Co.	76-01-D27771-1A
Knife Gate Valve	W.G. Rovang & Assoc., Inc.	8D-1202
Weir Plates	Raven Industries, Inc.	15217
Slide Gate Frame	Raven Industries, Inc.	15218

APPENDIX D

SHOP DRAWING LIST

<u>DESCRIPTION</u>	<u>MANUFACTURER</u>	<u>DWG. DESIGNATION</u>
Weir Plate	Raven Industries, Inc.	15219
Slide Gate Frame	Raven Industries, Inc.	15220
Aeration Tanks Grating	Joseph T. Ryerson & Son, Inc.	Sketch-C11376
Aerobic Treatment Plant	Burns & Wray, Inc.	BW-200-23-141
Lime Slaker Wiring Diagram	Frank Black Jr., Inc.	7505-W-8
Tapered Foam Roof Insulation	The Benot System	-
Structural Trusses	Environmental Elements Corp.	530345-21
Settling Tank Mechanism	Koppers	53034D-2-1/2
Details		53034D-2-2/2
		53034D-1
Built-Up Roofing		
Base Sheet Alternate	Koppers	-
Flashing Details		
Raw Water Trough Liners	Raven Industries, Inc.	-
Raw Water Trough Liners	Raven Industries, Inc.	15582
Cover Plate-Raw Water	Raven Industries, Inc.	15583
Trough-Raw Water Liner	Raven Industries, Inc.	15584
Trough-Raw Water Liner	Raven Industries, Inc.	15585
Deep Box-Raw Water Liner	Raven Industries, Inc.	15586
Lime Slurry Tank	Baddorf & Sons	B778-1
Fiberglass Sump Pit Liner	Raven Industries, Inc.	PL-115517: D15517 B15518, B15519, B15520, B15521
Lime Slurry Pumps	Roper Pump. Co.	71205
Hand Rails	Burns & Wray, Inc.	BW-200-23-168, BW-200-23-161 BW-200-23-162, BW-200-23-163 BW-200-23-164, BW-200-23-165 BW-200-23-166
Motor Control Center	Autocon	D-152044-12 to D-152044-28
Graphic Display Panel	Autocon	Large Print

CATALOG CUTS LIST

<u>DESCRIPTION</u>	<u>MANUFACTURER</u>	<u>DWG. DESIGNATION</u>
Pressure Reevulating Valve	Itt Lawler	-
Backflor Preventer	Itt Lawler	BF-3
Semi-Steel Strainer	Sarco	1220-K-25
Sump Pump	Chicago Pump Co.	SES-3230
Fire Extinguisher	General Fire Extinguisher Corp	15 RH
Wall & Roof Exhausters	Powerline Fan Co.	-
Aerators	Mixing Equipment Co. Inc.	M495217-A
Lime Vat Mixer	Mixing Equipment Co. Inc.	3923-A
Water Heater	The Rudd Co.	RH-66-2
Fuel Oil Tank	Adamson Co. Inc.	-
Flash Mixers	Mixing Equipment Co. Inc.	M495214-A
Hydro.-Pneumatic Tank	Adamson Co. Inc.	-
Shower Receptor	Powers Fiat Corp.	-
Water Cooler	Elkay	ESW-8
Bronze Gate Valves	Elkay	ESW-8
Gate Valves	Stockham Valves & Fittings	B-100 & B-108
Lime Slurry Tank Mixer	Lightnin Mixers & Aerators	IT-743
Water Meter	Gamon-Calmet Ind., Inc.	MBG5-2
Ventilation Diffusers & Grills	John F. Scanlan Inc. Mech. Equipment	-
Monotube & Concrete Letter	Frank Black Jr., Inc.	-
Monotube Data	-	-
Concrete Mix Proposal	Frank Black Jr., Inc.	-
Concrete Mix Data	Pittsburgh Testing Lab.	-
Settling Tank Mechanisms	Environmental Elements Corp.	-
Lighting Fixtures Types A,C,E,F,G	Stanley Electric, McPhilben, Crous-Hinds Co.	-
Electrical Panelboards	I.T.E. Imperial Corp.	80751-P1
Unit Heaters	Emerson-Chromalox	-
Cabinet Convectors	Emerson-Chromalox	-
Plumbing Fixtures	Noland	-
Curb Stops, Etc.	Mueller Co.	H-10205
Value Boxes	Charlotte Pipe & Foundry Co.	-
Wall Sleeve Certification	Midwest Envir. Systems Inc.	-
Pressure Gauge	H.O. Trerice Co.	127-580
Roof & Floor Drains, Clean- Mouts, Post Hydrants	Josam	-
Metal Doors, Frames, & Hardware	Case & Gunnet, Inc. Hardware Steelcraft - Doors & Frames	-
Raw Water Pumps	Goulds Pumps	-
Utility Water Pumps	Goulds Pumps	-
Union Metal Pile Certification	Republic Steel (The Union Metal Mfg. Co.)	-
Bronze Curb Stops	A.Y.McDonald Mfg. Co.	-
Waterproofing	XYPEX Chemicals (USA) Inc.	-
Chlorinator	San Uril	-
Lime Conveying System	Butler Mfg. Co.	-
Chemical Storage Bins	Butler Mfg. Co.	-

CATALOG CUTS LIST

<u>DESCRIPTION</u>	<u>MANUFACTURER</u>	<u>DWG. DESIGNATION</u>
Waterstop	Greenstreak	-
Domestic Treatment Plant	Nayadic Sciences, Inc.	-
Aerator Mixer	Lightnin	-
Flash Mixer	Lightnin	-
Lime Slurry Vat Mixer	Lightnin	-
Raw Water & Utility	Goulds	-
Water Pumps		
Aluminum Manhole Steps	Alcoa	-
Transformers & Safety	I.T.E. Imperial Corp.	-
Switches		
Trail Concrete Mix Test	Warner Laboratories, Inc.	-
Reports		
Lime Storage Equipment	Butler Mfg. Co.	-
Concrete Trail Mixes	Warner Lab's, Inc.	-
Sump Pump	FMC Corp.	-
Compound Pressure Gages	WIKA	-
Waterproofing (Hyproshield)	Koppers	-
Air Compressor	Kellogg-American	-
Chain Hoise	Acco-Hoist & Crane Div.	-
	Wright-Hand Hoist	
Emergency Generator Set	Beckwith (Caterpillar)	-
Swivel Chair	Sears	#7782
File Cabinet	Sears	#60652
Office Desk	Sears	\$7754
Tneme-Crete (SZ-1736)	Tnemec Co., Inc.	-
Caulking (113)-GC-9	Pecora Corp.	-
Steel Lockers	Penco	-
Danger Signs	Osha Reference Section	-
Drainage Gate	Waterman Ind., Inc.	-
Waterproofing	The Thoro System	-
Waterproofing	The Thoro System	-
Loading Dock Bumper	The Thoro System	-
Steel Roof Deck	EPI Engineered Products, Inc.	9/29/76
Transfer Scheme	I.T.E. Imperial	-
Circuit Breaker	AC Cutrip	-
Technical Equipment &	Clear Front & Maroon Back)	-
Reagent List		
Paint for Steel	Tnenec	-
Mezzanine Floor Forming	Wheeling Tensiform/Tensiluent	-
Paint for Steel	Tnemec	-
Urethane foam	Witco Chemical	-
Neoprene-Hypalon Coating	Eternaflex	-
System		
Blowers	Gardner-Denver Co.	-
Guard Rail	Servic Supply Co.	-
Toilet Door	Weis	-
Paving Materials	Letter from Frank Black Jr. Inc.	-
Paint (epoxy)	Tnemec	-
Paint (gloss)	Tnemec	-
Masonry Surfacer	Tnemec	-

CATALOG CUTS LIST

<u>DESCRIPTION</u>	<u>MANUFACTURER</u>	<u>DWG.</u> <u>DESIGNATION</u>
Paint (Acrylic)	Tnemec	-
Paint (Concrete)	Tnemec	-
Paint (Primer)	Tnemec	-
Paint (walkway)	Tnemec	-
Paint (abrasive)	Tnemec	-
Paint (Tar Stop)	Tnemec	-
Motors	General Electric Baldor	-
Controls	Seco	-
Water Analysis Kit	Hach	-
Laboratory Turbidimeter	Hach	-
Conductivity Meter	Hach	-
Roof Scuttle	Bilco	-
Sludge Pumps	Pollution Equipment Control	-
Metering & Control Equipment	Fischer & Porter Co.	-
Aluminum Entrances & Hardware	Conaico	-
Shower Door	Kinthead	-
Windows	Lupton	-
Backdraft Damper	Ruskin	-
Fixed Alum Louvers	Ruskin	-
Fiber Glass Grating	Joseph T. Ryerson & Son, Inc.	-
Block Reinforcing	Dur-O-Wall	-
Bonding Agent	Larsen Prod's Corp.	-
Eye Beam Clamp	F & S Mfg. Corp.	-
Eye Bolts	Heckman Bldg. Products	-
Fiberglass Pipe Covering	Owens-Corning	-
Tite-Fit Coatings	H.B. Fuller	-
Adhesives	H.B. Fuller	-
Pre-Molded Fitting Cover	Speed-Line Mfg.	-
Chilglass Cloth #20 (Sample)	Childers	-
Portable Davit Crane	Thern-O-Matic	-
Lime Feeder	B.I.F.	-
Lime Feeder	B.I.F.	-
Slaker Diagram	B.I.F.	-
Rotodip Slurry Feeder	B.I.F.	-
Maintenance Tools	B.I.F.	-
Garden & Nursury Tools	B.I.F.	-
Chemical	ITT Marlow	-
Flush Mixers	Lightnin	-
Manhole Covers & Frames	Allegheny Fory	-
Light Fixtures (Luminaire)	Crouse-Hinus Co.	-
Light Fixtures	Lithonia	-
Condenser & Coil Unit	Bryant	-
Fencing	Metrolina Fence Co.	-
Electric Cable Hoise	Louden (Acco)	-
Instrumentation	Fischer & Porter Co.	-
AD Cor Auto Dailer	Adcor Electronics	-
Sludge Pump Data	Pollution Equipment Control	-