

1	TABLE OF CONTENTS		
2	Division Project No. 17F1D		
3			
4	DIVISION 02 – EXISTING CONDITIONS		
5	Section	Title	Pages Thru
6	02 05 00	Common Work Results for Existing Conditions	02 05 00-4
7	02 41 13	Demolition	02 41 13-4
8	02 82 13	Asbestos Abatement	02 82 13-23
9			
10	DIVISION 03 - CONCRETE		
11	Section	Title	Pages Thru
12	03 10 00	Concrete Formwork	03 10 00-3
13	03 20 00	Concrete Reinforcing	03 20 00-4
14	03 30 00	Cast-In-Place Concrete	03 30 00-19
15			
16	DIVISION 04 - MASONRY		
17	Section	Title	Pages Thru
18	04 08 00	Commissioning of Masonry	04 08 00-7
19	04 20 00	Unit Masonry	04 20 00-8
20			
21	DIVISION 05 - METALS		
22	Section	Title	Pages Thru
23	05 10 00	Structural Metal Framing	05 10 00-3
24	05 30 00	Metal Decking	05 30 00-2
25	05 40 00	Cold-Formed Metal Framing	05 40 00-3
26			
27	DIVISION 06 – WOOD, PLASTICS AND COMPOSITES		
28	Section	Title	Pages Thru
29	06 10 53.01	Miscellaneous Rough Carpentry – Roofing	06 10 53.01-2
30			
31	DIVISION 07 - THERMAL AND MOISTURE PROTECTION		
32	Section	Title	Pages Thru
33	07 21 00	Batt and Blanket Insulation	07 21 00-1
34	07 52 16	Modified Bituminous Roofing	07 52 16-6
35	07 84 00	Fire Stopping	07 84 00-6
36	07 90 00	Sealants	07 90 00-3
37			
38	DIVISION 09 - FINISHES		
39	Section	Title	Pages Thru
40	09 90 00	Painting	09 90 00-4
41			
42	DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING		
43	Section	Title	Pages Thru
44	23 05 00	Common Work Results for Mechanical	23 05 00-7
45	23 05 13	Common Motor Requirements for Mechanical Equipment	23 05 13-3
46	23 05 14	Variable Frequency Drives	23 05 14-5
47	23 05 15	Piping Specialties	23 05 15-4
48	23 05 23	General Duty Valves for Mechanical	23 05 23-9
49	23 05 29	Hangers and Supports for Mechanical Piping and Equipment	23 05 29-5
50	23 05 48	Vibration and Seismic Controls for Mechanical Piping and Equipment	23 05 48-4
51	23 07 00	Mechanical Insulation	23 07 00-8
52	23 07 10	Boiler Insulation and Refractory Tile	23 07 10-2
53	23 08 00	Commissioning of Mechanical	23 08 00-62
54	23 09 10	Instrumentation and Controls HMI	23 09 10-6
55	23 09 14	Pneumatic and Electric Instrumentation and Control Devices for Mechanical	23 09 14-14
56	23 11 00	Facility Fuel Piping	23 11 00-7
57	23 12 13	Facility Fuel Oil Pumps	23 12 13-3

1	23 15 13	General Service Compressed-Air Piping	23 15 13-3
2	23 22 13	Steam and Condensate Heating Piping	23 22 13-9
3	23 40 05	Air Compressors	23 40 05-6
4	23 51 00	Breechings and Stacks	23 51 00-3
5	23 52 10	Burner Installation and Alterations to Boiler Pressure Parts	23 52 10-5
6	23 52 15	Boiler Casing	23 52 15-2
7	23 55 56	Boiler Trim and Accessories	23 55 56-3
8	23 55 58	Boiler Fuel Burner System Equipment (For Reference Only)	23 55 58-27
9			
10	DIVISION 26 - ELECTRICAL		
11	Section	Title	Pages Thru
12	26 05 00	Common Work Results for Electrical	26 05 00-7
13	26 05 02	Electrical Demolition for Remodeling	26 05 02-3
14	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-2
15	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-5
16	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
17	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-3
18	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-4
19	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-8
20	26 05 53	Identification for Electrical Systems	26 05 53-3
21	26 08 00	Commissioning of Electrical	26 08 00-28
22	26 24 16	Panelboards	26 24 16-3
23	26 27 26	Wiring Devices	26 27 26-4
24	26 27 28	Disconnect Switches	26 27 28-2
25	26 29 00	Low-Voltage Controllers	26 29 00-4
26	26 51 13	Interior Lighting Fixtures, Lamps, and Ballasts	26 51 13-8
27			
28	DIVISION 30 – COMMON EXTERIOR WORK		
29	Section	Title	Pages Thru
30	30 05 00	Common Work Results for all Exterior Work	30 05 00-4
31			
32	DIVISION 31 - EARTHWORK		
33	Section	Title	Pages Thru
34	31 20 00	Earthmoving	31 20 00-4
35	31 22 16.15	Roadway Subgrade Preparation	31 22 16.15-3
36	31 25 00	Erosion Control	31 25 00-3
37			
38	DIVISION 32 – EXTERIOR IMPROVEMENTS		
39	Section	Title	Pages Thru
40	32 11 23.33	Dense Graded Base	32 11 23.33-3
41	32 12 16.13	Plant Mix Asphalt Paving	32 12 16.13-2
42	32 31 13	Chain Link Fencing and Gates	32 31 13-7
43	32 91 13	Soil Preparation	32 91 13-3
44	32 92 19	Seeding	32 92 19-2
45			
46	DIVISION 33 - UTILITIES		
47	Section	Title	Pages Thru
48	33 08 00	Commissioning of Utilities	33 08 00-4
49	33 56 13	Above-Ground Fuel Storage Tanks	33 56 13-6
50			
51	DRAWINGS - Bound Separately		
52	<u>CIVIL, STRUCTURAL, ARCHITECTURAL PACKAGE - VOL. 1</u>		
53	Title		Sheets Thru
54	Title Sheet (Sheet Index, Location Map, Abbreviations And Materials/Symbols List)		T101
55	Site Laydown Plan		C1100
56	Boiler Floor Framing Demolition Plans		S1201
57	Boiler Platform Framing Demolition Plans		S1202

1	Boiler Upper Platform Framing Demolition Plan And Stack Roof Framing Demolition Plan	S1203
2	Boiler Floor Framing Plans	S1251
3	Boiler Platform Framing Plans	S1252
4	Boiler Upper Platform Framing Plan And Stack Roof Framing Plan	S1253
5	Coal Unload Exterior Slab Plan	S1254
6	Fuel Oil Tank Plans	S1255
7	Fuel Oil Tank Platform Framing Sections	S1351
8	Structural Framing Details	S1651
9	Structural Framing Details	S1652
10	Structural Framing Details	S1653
11		
12	<u>MECHANICAL PACKAGE - VOL. 2</u>	
13	Title	Sheets Thru
14	Title Sheet (Sheet Index, Location Map, Abbreviations, Instrument Identification Letters	
15	And Materials/Symbols List)	T102
16	Steam P&ID	M1100
17	BFW P&ID	M1101
18	Condensate P&ID	M1102
19	Fuel Oil Installation P&ID	M1103
20	Natural Gas Installation P&ID	M1104
21	Chemical Feed Installation P&ID	M1105
22	Compressed Air P&ID	M1106
23	Boiler No.1 Demolition P&ID	M1110
24	Boiler No.2 Demolition P&ID	M1120
25	Boiler No.1 Installation P&ID	M1160
26	Boiler No.2 Installation P&ID	M1170
27	Basement Demolition Plan	M1200
28	Operating Floor Demolition Plan	M1201
29	Burner Platform Demolition Plan	M1202
30	Basement Installation Plan	M1250
31	Operating Floor Installation Plan	M1251
32	Burner Platform Installation Plan	M1252
33	DA Platform Installation Plan	M1253
34	Fuel Oil Tank Installation Plan	M1254
35	Boiler Demolition Details	M1300
36	Boiler Demolition Details	M1301
37	Boiler Installation Details	M1350
38	Boiler Installation Details	M1351
39	Boiler Installation Sections	M1352
40	Installation Sections	M1353
41	Plant Master, Condensate Tank and Deaerator Level Controllers and	
42	Pumps Wiring Demolition Diagram	M1400
43	Digital Indicators and Recorder Wiring Demolition Diagram	M1401
44	SLC 500 Processor Wiring Demolition Diagram	M1402
45	Control Power Distribution for Panel UPS-1 Wiring Demolition Diagram	M1403
46	Panalarm Layout Wiring Demolition Diagram	M1404
47	Plant Motor Control selectors Wiring Demolition Diagram	M1405
48	Boiler No.1 Wiring Demolition Diagram	M1410
49	Boiler No.1 Wiring Demolition Diagram	M1411
50	Boiler No.1 Controls Panalarm Layout Wiring Demolition Diagram	M1412
51	Boiler No.1 Controls Wiring Demolition Diagram	M1413
52	Boiler No.1 Gas Burner A Flame Safeguard Wiring Demolition Diagram	M1414
53	Boiler No.1 Gas Burner B Flame Safeguard Wiring Demolition Diagram	M1415
54	Boiler No.2 Controls Wiring Demolition Diagram	M1420
55	Boiler No.2 Controls Wiring Demolition Diagram	M1421
56	Boiler No.2 Control Panalarm Layout Wiring Demolition Diagram	M1422
57	Boiler No.2 Controls Wiring Demolition Diagram	M1423

1	Boiler No.2 Gas Burner A Flame Safeguard Wiring Demolition Diagram	M1424
2	Boiler No.2 Gas Burner B Flame Safeguard Wiring Demolition Diagram	M1425
3	Boiler No.3 Wiring Demolition Diagram	M1430
4	Plant Master, Condensate Tank and Deaerator Level Controllers and	
5	Pumps Wiring Installation Diagram	M1450
6	Control Power Distribution for Panel UPS-P1 Wiring Installation Diagram	M1451
7	Boiler No.1 Loop Drawings	M1460
8	Boiler No.1 Loop Drawings	M1461
9	Boiler No.1 Loop Drawings	M1462
10	Boiler No.1 Loop Drawings	M1463
11	Boiler No.1 Loop Drawings	M1464
12	Boiler No.2 Loop Drawings	M1470
13	Boiler No.2 Loop Drawings	M1471
14	Boiler No.2 Loop Drawings	M1472
15	Boiler No.2 Loop Drawings	M1473
16	Boiler No.2 Loop Drawings	M1474
17	Boiler No.1 SAMA Drawing	M1550
18	Boiler No.1 SAMA Drawing	M1551
19	Boiler No.1 SAMA Drawing	M1552
20	Boiler No.2 SAMA Drawing	M1553
21	Boiler No.2 SAMA Drawing	M1554
22	Boiler No.2 SAMA Drawing	M1555
23	Boiler No.1 Instrument Schedule	M1610
24	Boiler No.2 Instrument Schedule	M1620
25	BOP Instrument Schedules	M1630
26		
27	<u>ELECTRICAL PACKAGE - VOL. 3</u>	
28	Title	Sheets Thru
29	Title Sheet (Sheet Index, Location Map, Abbreviations, And Symbols List)	T103
30	One Line Demolition Diagram	E1100
31	One Line Installation Diagram	E1150
32	Basement Electrical Demolition Plan	E1201
33	Operating Floor Electrical Installation Plan	E1250
34	Electrical Sections	E1300
35	Panel Schedules	E1600
36		
37	<u>ABATEMENT PACKAGE VOL. 4</u>	
38	Title	Sheets Thru
39	Title Sheet (Sheet Index, Location Map)	T104
40	Basement Asbestos Abatement Demolition Plan	H1200
41	Operating Floor Asbestos Abatement Demolition Plan	H1201
42	Burner Platform Asbestos Abatement Demolition Plan	H1202
43	Boiler Cross Section Asbestos Abatement Demolition Plan	H1300
44	Boiler No. 3 Asbestos Abatement Demolition Plan	H1301