

1	TABLE OF CONTENTS TECHNICAL SPECIFICATIONS	(10/2022)	
2	VOLUME 2 of 2		
3			
4	Division Project No. 21L1Q		
5			Pages Thru
6	TITLE PAGE		1
7	TABLE OF CONTENTS		TC-3
8	DIVISION 02 – EXISTING CONDITIONS		
9	Section Title		
10	02 41 13 Demolition		4
11	02 41 19 Selective Demolition		4
12			
13	DIVISION 03 – CONCRETE		
14	Section Title		
15	03 30 00 Cast In Place Concrete		21
16			
17	DIVISION 05 – METALS		
18	Section Title		
19	05 12 00 Structural Steel Framing		10
20	05 31 00 Steel Decking		6
21	05 40 00 Cold-Formed Steel Framing		7
22			
23	DIVISION 06 – WOOD, PLASTICS AND COMPOSITES		
24	Section Title		
25	06 10 53 Miscellaneous Rough Carpentry		5
26	06 10 53.01 Miscellaneous Rough Carpentry – Roofing		2
27	06 40 23 Interior Architectural Woodwork		5
28			
29	DIVISION 07 – THERMAL AND MOISTURE PROTECTION		
30	Section Title		
31	07 51 13 Built Up Asphalt Roofing		15
32	07 51 13.01 State of Wisconsin Roofing System 1-year guarantee		2
33	07 63 00 Sheet Metal Roofing Specialties		5
34	07 84 00 Firestopping		9
35	07 92 10 Joint Sealants		7
36			
37	DIVISION 08 – OPENINGS		
38	Section Title		
39	08 11 13 Hollow Metal Doors and Frames		8
40	08 71 00 Door Hardware		10
41	08 80 00 Glazing		7
42			
43	DIVISION 09 – FINISHES		
44	Section Title		
45	09 22 16 Non Structural Metal Framing		3
46	09 29 00 Gypsum Board		7
47	09 65 10 Resilient Wall Base and Accessories		4
48	09 65 16 Resilient Sheet Flooring		5
49	09 90 00 Painting and Coatings		10
50			
51	DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING		
52	Section Title		
53	23 05 00 Common Work Results for Mechanical		7
54	23 05 13 Common Motor Requirements for Mechanical Equipment		4
55	23 05 14 Variable Frequency Drives		6
56	23 05 15 Piping Specialties		5
57	23 05 23 General Duty Valves for Mechanical		8
58	23 05 29 Hangers and Supports for Mechanical Piping and Equipment		6

1	23 05 48	Vibration and Seismic Controls for Mechanical Piping and Equipment	5
2	23 07 00	Mechanical Insulation	9
3	23 08 00	Commissioning of Mechanical	64
4	23 09 10	Instrument and Controls HMI	10
5	23 09 14	Pneumatic and Electric Instrumentation and Control Devices for Mechanical	28
6	23 11 00	Facility Fuel Piping	7
7	23 22 13	Steam and Condensate Heating Piping	8
8	23 25 00	HVAC Water Treatment	5
9	23 31 00	HVAC Ducts and Casings	7
10	23 34 00	HVAC Fans	3
11	23 55 52	Boiler BMS	7
12	23 81 26	Split-System Ductless Air-Conditioners	6
13	23 82 00	Heating and Cooling Terminal Units	2
14			
15	DIVISION 26 – ELECTRICAL		
16	Section	Title	
17	26 05 00	Common Work Results for Electrical	8
18	26 05 02	Electrical Demolition for Remodeling	4
19	26 05 04	Cleaning, Inspection, and Testing of Electrical Equipment	3
20	26 05 19	Low-Voltage Electrical Power Conductors and Cables	5
21	26 05 23	Control-Voltage Electrical Power Cables	3
22	26 05 26	Grounding and Bonding for Electrical Systems	4
23	26 05 29	Hangers and Supports for Electrical Systems	4
24	26 05 33	Raceway and Boxes for Electrical Systems	7
25	26 05 53	Identification for Electrical Systems	4
26	26 05 73	Short Circuit / Coordination Study and Arc Flash Risk Assessment	5
27	26 08 00	Commissioning of Electrical	36
28	26 24 16	Panelboards	3
29	26 27 02	Equipment Wiring Systems	3
30	26 27 26	Wiring Devices	5
31	26 27 28	Disconnect Switches	2
32	26 51 13	Interior Lighting Fixtures, Lamps, and Ballasts	7
33			
34	DIVISION 28 – ELECTRONIC SAFETY AND SECURITY		
35	Section	Title	
36	28 08 00	Commissioning of Electronic Safety and Security	18
37	28 31 00	Fire Detection and Alarm	18
38			
39	DRAWINGS – Bound Separately		
40	Title		Sheets Thru
41	Title Sheet		T000
42	Sheet Index, Instrumentation Schedule		T001
43	Demolition Plan – Level 01		A101
44	New Work Plan – Level 01		A201
45	Reflected Ceiling Plan – Level 01		A301
46	Structural Notes		S001
47	Structural Demolition Plans & Sections		S101
48	Structural Framing Plans and Sections		S201
49	Structural Details		S800
50	Structural Details		S811
51	Mechanical Symbols, Abbreviations, Sheet Index		M000
52	Basement Level – Mechanical Demolition Plan		M100
53	Operating Level – Mechanical Demolition Plan		M101
54	Deaerator Level – Mechanical Demolition Plan		M102
55	Basement Level – Mechanical New Construction Plan		M200
56	Operating Level – Mechanical New Construction Plan		M201
57	Deaerator Level – Mechanical New Construction Plan		M202
58	Control Room – Mechanical New Construction Plan		M300

1	Network Architecture	M400
2	Boiler 1 Demolition – P&ID	M401
3	Boiler 1 New Construction – P&ID	M402
4	Boiler 1 P&ID Schedule	M403
5	Boiler 2 Demolition – P&ID	M404
6	Boiler 2 New Construction – P&ID	M405
7	Boiler 2 P&ID Schedule	M406
8	Boiler 3 Demolition – P&ID	M407
9	Boiler 3 New Construction – P&ID	M408
10	Boiler 3 P&ID Schedule	M409
11	Boiler 4 Demolition – P&ID	M410
12	Boiler 4 New Construction – P&ID	M411
13	Boiler 4 P&ID Schedule	M412
14	Deaerator Tank Demolition - P&ID	M413
15	Deaerator Tank New Construction - P&ID	M414
16	Deaerator Tank P&ID Schedule	M415
17	Condensate Demolition - P&ID	M416
18	Condensate New Construction - P&ID	M417
19	Natural Gas and Fuel Oil Demolition - P&ID	M418
20	Natural Gas and Fuel Oil New Construction - P&ID	M419
21	Chemical Treatment Demolition and New Construction - P&ID	M420
22	Compressed Air Demolition and New Construction - P&ID	M421
23	Ventilation Air Demolition – P&ID	M422
24	Ventilation Air New Construction – P&ID	M423
25	Steam Demolition – P&ID	M424
26	Steam New Construction – P&ID	M425
27	Mechanical Details	M500
28	Mechanical Details	M501
29	Mechanical Schedules	M600
30	Electrical Title Sheet	E000
31	Basement Level – Electrical Demolition Plan	E100
32	Operating Level – Electrical Demolition Plan	E101
33	Deaerator Level – Electrical Demolition Plan	E102
34	Basement Level – Lighting Plan	E200
35	Operating Level – Lighting Plan	E201
36	Deaerator Level – Lighting Plan	E202
37	Basement Level – Electrical Plan	E300
38	Operating Level – Electrical Plan	E301
39	Deaerator Level – Electrical Plan	E302
40	Electrical One Line Diagram	E400
41	Electrical One Line Diagram	E401
42	Power & Fire Alarm Details	E500
43	Electrical Schedules	E600
44	Electrical Schedules	E601
45		
46		
47		
48	***	