

1 **TABLE OF CONTENTS TECHNICAL SPECIFICATIONS (1/2023)**
 2 **VOLUME 2 of 4**

3
 4 Division Project No. **17D2P-02**

Pages Thru
 1
 TC-5

5
 6 **TITLE PAGE**
 7 **TABLE OF CONTENTS**

8
 9
 10 **VOLUME 2**
 11 **DIVISION 02 – EXISTING CONDITIONS**

12	Section	Title	
13	02 05 00	Common Work Results for Existing Conditions	02 05 00-4
14	02 41 13	Demolition	02 41 13-5

15
 16 **DIVISION 03 – CONCRETE**

17	Section	Title	
18	03 08 00	Commissioning of Concrete	03 08 00-6
19	03 30 00	Cast-In-Place Concrete	03 30 00-26

20
 21 **DIVISION 04 – MASONRY**

22	Section	Title	
23	04 08 00	Commissioning of Masonry	04 08 00-10
24	04 20 00	Unit Masonry	04 20 00-16
25	04 43 00	Stone Masonry	04 43 00-4

26
 27 **DIVISION 05 – METALS**

28	Section	Title	
29	05 30 00	Steel Deck	05 30 00-5
30	05 50 00	Metal Fabrications	05 50 00-3
31	05 52 00	Handrails and Railings	05 52 00-3

32
 33 **DIVISION 06 – WOOD, PLASTICS AND COMPOSITES**

34	Section	Title	
35	06 10 53.01	Miscellaneous Rough Carpentry - Roofing	06 10 53.01-2

36
 37 **DIVISION 07 – THERMAL AND MOISTURE PROTECTION**

38	Section	Title	
39	07 08 00	Commissioning of Thermal and Moisture Protection	07 08 00-6
40	07 21 13	Board Insulation	07 21 13-3
41	07 53 23	Ethylene-Propylene-Diene-Monomer Roofing	07 53 23-14
42		State of Wisconsin-Roof System 5 Year Guarantee	2
43	07 63 00	Sheet Metal Roofing Specialties	07 63 00-7
44	07 84 00	Fire Stopping	07 84 00-9
45	07 92 00	Joint Sealants	07 92 00-6

46
 47 **DIVISION 08 – OPENINGS**

48	Section	Title	
49	08 08 00	Commissioning of Exterior Building Envelope	08 08 00-6
50	08 11 13	Hollow Metal Doors and Frames	08 11 13-5
51	08 51 13	Aluminum Windows	08 51 13-9
52		Glazing System/Window Guarantee	2
53	08 71 00	Door Hardware	08 71 00-5
54	08 81 00	Glass Glazing	08 81 00-5

1	DIVISION 09 – FINISHES		
2	Section	Title	
3	09 26 13	Gypsum Veneer Plaster	09 26 13-8
4	09 51 13	Acoustical Panel Ceiling	09 51 13-5
5	09 61 23	Floor Preparation	09 61 23-4
6	09 65 00	Resilient Flooring	09 65 00-5
7	09 66 00	Terrazzo Repair	09 66 00-5
8	09 67 23	Resinous Flooring System	09 67 23-4
9	09 91 00	Painting	09 91 00-8
10			
11	DIVISION 14 – CONVEYING EQUIPMENT		
12	Section	Title	
13	14 08 00	Commissioning of Conveying Systems	14 08 00-5
14	14 24 20	Hydraulic Elevators	14 24 20-20
15			
16			
17	VOLUME 3		
18	DIVISION 21 – FIRE SUPPRESSION		
19	Section	Title	
20	21 05 00	Common Work Results for Fire Suppression	21 05 00-9
21	21 05 29	Hangers and Supports for Fire Suppression Piping and Equipment	21 05 29-4
22	21 08 00	Commissioning of Fire Suppression	21 08 00-9
23	21 10 00	Water Based Fire Suppression Systems	21 10 00-8
24			
25	DIVISION 22 – PLUMBING		
26	Section	Title	
27	22 05 00	Common Work Results for Plumbing	22 05 00-8
28	22 05 13	Common Motor Requirements for Plumbing Equipment	22 05 13-3
29	22 05 14	Plumbing Specialties	22 05 14-3
30	22 05 23	General Duty Valves for Plumbing Piping	22 05 23-3
31	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-5
32	22 07 00	Plumbing Insulation	22 07 00-6
33	22 08 00	Commissioning of Plumbing	22 08 00-34
34	22 11 00	Facility Water Distribution	22 11 00-7
35	22 13 00	Facility Sanitary Sewerage	22 13 00-6
36	22 14 00	Facility Storm Drainage	22 14 00-7
37	22 30 00	Plumbing Equipment	22 30 00-3
38			
39	DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING		
40	Section	Title	
41	23 05 00	Common Work Results for HVAC	23 05 00-6
42	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-6
43	23 07 00	HVAC Insulation	23 07 00-9
44	23 08 00	Commissioning of HVAC	23 08 00-26
45	23 31 00	HVAC Ducts and Casings	23 31 00-7
46	23 33 00	Air Duct Accessories	23 33 00-3
47	23 81 26	Split-System Ductless Air Conditioners	23 81 26-6
48			
49			
50	VOLUME 4		
51	DIVISION 26 – ELECTRICAL		
52	Section	Title	
53	26 05 00	Common Work Results for Electrical	26 05 00-7
54	26 05 02	Electrical Demolition for Remodeling	26 05 02-3
55	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-3
56	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3

1	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-4
2	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-4
3	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-10
4	26 05 53	Identification for Electrical Systems	26 05 53-3
5	26 08 00	Commissioning of Electrical	26 08 00-24
6	26 27 02	Equipment Wiring Systems	26 27 02-4
7	26 27 26	Wiring Devices	26 27 26-5
8	26 27 28	Disconnect Switches	26 27 28-2
9	26 27 29	Elevator Distribution Equipment	26 27 29-3
10	26 51 13	Interior Lighting Fixtures, Lamps, and Ballasts	26 51 13-7
11			
12		DIVISION 27 – COMMUNICATIONS	
13	Section	Title	
14	27 05 53	Identification for Communication Systems	27 05 53-3
15	27 08 00	Commissioning of Communications	27 08 00-14
16	27 10 00	Structured Cabling	27 10 00-15
17	27 16 19	Communications Patch Cords, Work Area Cords and Cross-Connect Wire	27 16 19-2
18	27 51 19	Two-Way Emergency Communications Systems	27 51 19-7
19			
20		DIVISION 28 – ELECTRONIC SAFETY AND SECURITY	
21	Section	Title	
22	28 08 00	Commissioning of Electronic Safety and Security	28 08 00-16
23	28 31 00	Fire Detection and Alarm	28 31 00-21
24			
25		DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK	
26	Section	Title	
27	30 05 00	Common Work Results for Exterior Work	30 05 00-5
28			
29		DIVISION 31 – EARTHWORK	
30	Section	Title	
31	31 10 00	Site Clearing	31 10 00-3
32	31 20 00	Earthmoving	31 20 00-6
33	31 22 16.15	Roadway Subgrade Preparation	31 22 16.15-4
34	31 23 16.16	Structural Excavation for Minor Structures	31 23 16.16-5
35	31 23 19	Dewatering	31 23 19-3
36	31 25 00	Erosion Control	31 25 00-5
37			
38		DIVISION 32 – EXTERIOR IMPROVEMENTS	
39	Section	Title	
40	32 11 23.33	Dense Graded Base	32 11 23.33-3
41	32 12 16.13	Plant Mix Asphalt Paving	32 12 16.13-3
42	32 17 23	Pavement Markings	32 17 23-2
43	32 91 13	Soil Preparation	32 91 13-4
44	32 92 00	Plants	32 92 00-10
45	32 92 19	Seeding	32 92 19-3
46			
47			
48		DRAWINGS – Bound Separately	
49	Title		Sheets Thru
50	Architectural		
51	Title Sheet and Sheet Index		T000
52	Life Safety and Project Information		A000
53	Basement Floor Plan – Demolition		A001
54	First Floor Plan – Demolition		A002
55	Second Floor Plan – Demolition		A003
56	Roof Plan – Demolition		A004

1	Basement Reflected Ceiling Plan – Demolition	A005
2	First Floor Reflected Ceiling Plan – Demolition	A006
3	Second Floor Reflected Ceiling Plan – Demolition	A007
4	Buildings Sections and Elevations – Demolition	A008
5	Windows – Demolition	A009
6	Basement Floor Plan	A100
7	First Floor Plan	A101
8	Second Floor Plan	A102
9	Roof Plan	A103
10	Basement Reflected Ceiling Plan	A104
11	First Floor Reflected Ceiling Plan	A105
12	Second Floor Reflected Ceiling Plan	A106
13	Basement Finish Plan	A107
14	First Floor Finish Plan	A108
15	Second Floor Finish Plan	A109
16	Exterior Elevations	A200
17	Exterior Elevations, Window Sections and Details	A201
18	Window Sections and Details	A202
19	Window Elevations, Sections and Details	A203
20	Elevator Sections and Details	A300
21	Elevator Sections and Details	A301
22	Wall Types and Details	A500
23	Room Finish Schedule, Door Schedule, Door Details and Elevations	A600
24	Window Schedule, Sections, and Details	A601
25	Basement – Remaining Assumed ACM Plaster Plan	H100
26	First Floor – Remaining Assumed ACM Plaster Plan	H101
27	Second Floor/Third Floor 300 Radio Room – Remaining Assumed ACM Plaster Plan	H102
28		
29	Civil	
30	Overall Site and Existing Conditions Plan	C100
31	Site Demolition Plan	C101
32	Site Layout Plan	C102
33	Site Geometric and Traffic Control Plan	C103
34	Site Grading Plan	C104
35	Site Utility Plan	C105
36	Site Erosion Control Plan	C106
37	Site Details	C201
38	Site Details	C202
39		
40	Fire Protection	
41	Cover Sheet and Details – Fire Protection	F001
42	Basement Floor Plan Demolition – Fire Protection	F100
43	First Floor Plan Demolition – Fire Protection	F101
44	Second Floor Plan Demolition – Fire Protection	F102
45	Basement Floor Plan – Fire Protection	F200
46	First Floor Plan – Fire Protection	F201
47	Second Floor Plan – Fire Protection	F202
48		
49	Plumbing	
50	Cover Sheet and Schedules	P000
51	Basement Floor Plan Demolition – Plumbing	P101
52	First Floor Plan Demolition – Plumbing	P102
53	Second Floor Plan Demolition – Plumbing	P103
54	Foundation Plan – Plumbing	P200
55	Basement Floor Plan – Plumbing	P201
56	Second Floor Plan – Plumbing	P202

1	Details – Plumbing	P300
2		
3	Mechanical	
4	Cover Sheet – Mechanical	M000
5	Roof Plan Demolition – Ventilation	MHD111
6	Roof Plan – Ventilation	MH111
7	Basement Floor Plan – Piping	MP100
8	First Floor Plan – Piping	MP101
9	Second Floor Plan – Piping	MP102
10	Roof Plan – Piping	MP111
11	Schedules & Details – Mechanical	M400
12		
13	Electrical	
14	Electrical Cover Sheet	E000
15	Basement Floor Plan Demolition – Lighting	ELD100
16	First Floor Plan Demolition – Lighting	ELD101
17	Second Floor Plan Demolition – Lighting	ELD102
18	Basement Floor Plan Demolition - System	ESD100
19	Basement Floor Plan – Lighting	EL100
20	First Floor Plan – Lighting	EL101
21	Second Floor Plan – Lighting	EL102
22	Basement Floor Plan – Power	EP100
23	Roof Plan – Power	EP211
24	Basement Floor Plan – System	ES100
25	First Floor Plan – Systems	ES101
26	Second Floor Plan – Systems	ES102
27	Electrical One-Line Diagrams	E400
28	Electrical Schedules	E500
29	Electrical Details	E600
30		
31	Technology	
32	Communications Cover Sheet	Q000
33	Basement Floor Plan – Communications	Q100
34	First Floor Plan – Communications	Q101
35	Second Floor Plan – Communications	Q102
36	Communications Riser Diagrams	Q400
37	Communications Schedules	Q500
38		
39	***	