

1	<b>TABLE OF CONTENTS TECHNICAL SPECIFICATIONS</b>	<b>(10/2022)</b>	
2	<b>VOLUME 2 of 2</b>		
3			
4	Division Project No. <b>21E3A</b>		
5			Pages Thru
6	<b>TITLE PAGE</b>		1
7	<b>TABLE OF CONTENTS</b>		TC-3
8			
9	<b>DIVISION 02 – EXISTING CONDITIONS</b>		
10	Section Title		
11	02 05 00 Common Work Results for Existing Conditions		02 05 00-4
12	02 41 13 Demolition		02 41 13-4
13			
14	<b>DIVISION 03 – CONCRETE</b>		
15	Section Title		
16	03 02 00 Concrete Repair		03 02 00-3
17			
18	<b>DIVISION 05 – METALS</b>		
19	Section Title		
20	05 50 00 Miscellaneous Metals		05 50 00-7
21			
22	<b>DIVISION 06 – WOOD, PLASTICS AND COMPOSITES</b>		
23	Section Title		
24	06 10 00 Rough Carpentry		06 10 00-4
25	06 20 00 Finished Carpentry		06 20 00-4
26			
27	<b>DIVISION 07 – THERMAL AND MOISTURE PROTECTION</b>		
28	Section Title		
29	07 84 00 Fire Stopping		07 84 00-9
30	07 90 00 Sealant		07 90 00-4
31			
32	<b>DIVISION 09 – FINISHES</b>		
33	Section Title		
34	09 21 16 Gypsum Board Assemblies		09 21 16-5
35	09 51 00 Suspended Acoustical Ceilings		09 51 00-4
36	09 65 00 Resilient Flooring		09 65 00-5
37	09 91 00 Painting		09 91 00-8
38			
39	<b>DIVISION 10 – SPECIALTIES</b>		
40	Section Title		
41	10 11 01 Visual Display Boards		10 11 01-5
42	10 26 01 Wall and Corner Guards		10 26 01-2
43			
44	<b>DIVISION 11 – EQUIPMENT</b>		
45	Section Title		
46	11 52 13 Projection Screens		11 52 13-3
47			
48	<b>DIVISION 12 – FURNISHINGS</b>		
49	Section Title		
50	12 24 00 Window Shades		12 24 00-6
51	12 35 60 Science Casework & Equipment		12 35 60-14
52	12 36 53 Phenolic Resin		12 36 53-8
53			

1	<b>DIVISION 22 – PLUMBING</b>		
2	Section	Title	
3	22 05 00	Common Work Results for Plumbing	22 05 00-6
4	22 05 23	General Duty Valves for Plumbing Piping	22 05 23-4
5	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-5
6	22 07 00	Plumbing Insulation	22 07 00-6
7	22 08 00	Commissioning of Plumbing	22 08 00-46
8	22 11 00	Facility Water Distribution	22 11 00-7
9	22 13 00	Facility Sanitary Sewerage	22 13 00-5
10	22 42 00	Commercial Plumbing Fixtures	22 42 00-3
11	22 60 00	Gas and Vacuum Systems for Laboratories and Healthcare Facilities	22 60 00-8
12	22 67 00	Processed Water Systems for Laboratories and Healthcare Facilities	22 67 00-5
13			
14	<b>DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING</b>		
15	Section	Title	
16	23 01 30.15	HVAC Air Duct Cleaning	23 01 30.15-3
17	23 05 00	Common Work Results for HVAC	23 05 00-6
18	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-4
19	23 07 00	HVAC Insulation	23 07 00-5
20	23 08 00	Commissioning of HVAC	23 08 00-22
21	23 31 00	HVAC Ducts and Casings	23 31 00-6
22	23 33 00	Air Duct Accessories	23 33 00-3
23	23 37 13	Diffusers, Registers and Grilles	23 37 13-3
24			
25	<b>DIVISION 26 – ELECTRICAL</b>		
26	Section	Title	
27	26 05 00	Common Work Results for Electrical	26 05 00-7
28	26 05 02	Electrical Demolition for Remodeling	26 05 02-3
29	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-2
30	26 05 19	Low-Voltage Electrical Power Conductors	26 05 19-4
31	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
32	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-3
33	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-3
34	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-10
35	26 05 53	Identification for Electrical Systems	26 05 53-3
36	26 08 00	Commissioning of Electrical	26 08 00-38
37	26 09 43	Distributed Digital Lighting Controls	26 09 43-9
38	26 27 02	Equipment Wiring Systems	26 27 02-3
39	26 27 26	Wiring Devices	26 27 26-3
40	26 51 13	Interior Lighting Fixtures, Lamps, and Ballasts	26 51 13-6
41			
42	<b>DIVISION 27 – COMMUNICATIONS</b>		
43	Section	Title	
44	27 05 33.41	Raceway and Boxes for Audio-Video Systems	27 05 33.41-5
45	27 05 53	Identification for Communication Systems	27 05 53-4
46	27 08 00	Commissioning of Communications	27 08 00-18
47	27 08 00.41	AV Systems Commissioning	27 08 00.41-18
48	27 10 00	Structured Cabling	27 10 00-20
49	27 16 19	Communications Patch Cords, Station Cords and Cross-Connect Wire	27 16 19-3
50	27 41 00	Audio Visual Systems	27 41 00-22
51	27 41 34	Wideband Video Distribution System	27 41 34-5
52			
53	<b>DIVISION 28 – ELECTRONIC SAFETY AND SECURITY</b>		
54	Section	Title	
55	28 08 00	Commissioning of Electronic Safety and Security	28 08 00-15
56	28 31 00	Fire Detection and Alarm	28 31 00-13
57			

1	<b>DRAWINGS – Bound Separately</b>	
2	Title	Sheets Thru
3		
4	<b>Cover</b>	
5	Project Title Sheet	T001
6		
7	<b>General</b>	
8	General Notes, Symbols & Abbreviations	T002
9	Phasing Plans	T003
10		
11	<b>Architecture</b>	
12	Level 1 Demolition Plan	AD101
13	Level 3 Demolition Plan	AD103
14	Level 1 Floor Plan	A101
15	Level 3 Floor Plan	A103
16	Basement Reflected Ceiling Plan	A120
17	Level 1 Reflected Ceiling Plan	A121
18	Level 3 Reflected Ceiling Plan	A123
19	107 Environmental Science Enlarged Plans and Elevations	A403
20	114 Biology Enlarged Plans and Elevations	A404
21	310 General Chemistry Enlarged Plans and Elevations	A405
22	313 Organic Chemistry Enlarged Plans and Elevations	A406
23	314 Analytical Chemistry	A407
24	312 Chemistry Prep	A408
25	Interior Details & Partition Types	A511
26	Interior Details	A512
27		
28	<b>Plumbing</b>	
29	Plumbing Symbols and Abbreviations	P001
30	Basement / Level 1 Plumbing Demolition Plans	PD101
31	Level 2/3 Plumbing Demolition Plan	PD103
32	Basement / Level 1 Plumbing Plans	P111
33	Level 2/3 Plumbing Plan	P113
34	Plumbing Details & Schedules	P501
35		
36	<b>Mechanical</b>	
37	Mechanical Symbols and Abbreviations	M001
38	Level 1 Mechanical Demolition Plan	MD101
39	Level 3 Mechanical Demolition Plan	MD103
40	Level 1 Mechanical Plan	M151
41	Level 3 Mechanical Plan	M153
42	Mechanical Details & Schedules	M501
43		
44	<b>Electrical</b>	
45	Electrical Symbols and Abbreviations	E001
46	Level 1 Electrical Demolition Plan	ED101
47	Level 3 Electrical Demolition Plan	ED103
48	Level 1 Power & Communications Plan	EP101
49	Level 3 Power & Communications Plan	EP103
50	Level 1 Lighting Plan	EL121
51	Level 3 Lighting Plan	EL123
52	Electrical Schedules	E601
53	Electrical Schedules	E602
54	Electrical Diagrams	E701
55	Communications and Electronic Security Details	E702
56		
57		
58	***	