

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

3
 4 Division Project No. **23A1V**

Pages Thru

5			
6	TITLE PAGE		1
7	TABLE OF CONTENTS		TC-3

8
 9 **DIVISION 02 – EXISTING CONDITIONS**

10	Section	Title	
11	02 05 00	Common Work Results for Existing Conditions	4
12	02 05 10	Maintenance of Traffic	7
13	02 22 15	Crack and Damage for Existing Conditions	2
14	02 32 00	Geo Technical Investigation	49
15	02 41 13	Demolition	5

16
 17 **DIVISION 03 – CONCRETE**

18	Section	Title	
19	03 08 00	Commissioning of Concrete	6
20	03 30 00	Cast-In-Place Concrete	22

21
 22 **DIVISION 07 – THERMAL AND MOISTURE PROTECTION**

23	Section	Title	
24	07 10 16	Waterproofing for Utilities	3

25
 26 **DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING**

27	Section	Title	
28	23 05 00	Common Work Results for HVAC	5
29	23 05 15	Piping Specialties	3
30	23 05 23	General-Duty Valves for HVAC Piping	4
31	23 05 29	Hangers and Supports for HVAC Piping and Equipment	6
32	23 07 00	HVAC Insulation	9
33	23 22 13	Steam and Condensate Heating Piping	8
34	23 22 13.13	Underground Steam and Condensate Heating Piping	6
35	23 30 16	Sump Pumps for Utilities	3

36
 37 **DIVISION 26 – ELECTRICAL**

38	Section	Title	
39	26 05 00	Common Work Results for Electrical	7
40	26 05 02	Electrical Demolition for Remodeling	3
41	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	2
42	26 05 19	Low-Voltage Electrical Power Conductors and Cables	5
43	26 05 23	Control-Voltage Electrical Power Cables	3
44	26 05 26	Grounding and Bonding for Electrical Systems	6
45	26 05 29	Hangers and Supports for Electrical Systems	4
46	26 05 33	Raceway and Boxes for Electrical Systems	10
47	26 05 53	Identification for Electrical Systems	4
48	26 08 00	Commissioning of Electrical	49
49	26 27 02	Equipment Wiring Systems	4
50	26 27 26	Wiring Devices	4
51	26 27 28	Disconnect Switches	2
52	26 28 16	Enclosed Switches and Circuit Breakers	2
53	26 51 13	Interior Lighting Fixtures, Lamps, And Ballasts	6

54
 55 **DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK**

56	Section	Title	
57	30 05 00	Common Work Results for Exterior Work	5

1		
2	DIVISION 31 – EARTHWORK	
3	Section Title	
4	31 10 00 Site Clearing	2
5	31 13 00 Selective Tree and Shrub Removal and Transplanting	2
6	31 13 16 Selective Tree and Shrub Protection and Trimming	8
7	31 22 16.15 Roadway Subgrade Preparation	4
8	31 23 16.13 Trenching	9
9	31 23 16.26 Rock Removal	3
10	31 23 19 Dewatering	4
11	31 25 00 Erosion Control	5
12	31 41 16 Sheet Piling	4
13		
14	DIVISION 32 – EXTERIOR IMPROVEMENTS	
15	Section Title	
16	32 11 23.33 Dense Graded Base	3
17	32 12 16.13 Hot Mix Asphalt Paving	2
18	32 17 23 Pavement Markings	1
19	32 91 13 Soil Preparation	4
20	32 92 00 Plants	8
21	32 92 19 Seeding	6
22		
23	DIVISION 33 – UTILITIES	
24	Section Title	
25	33 63 13 Hydronic Heating & Steam Utilities	2
26	33 65 00 Thermal Utilities	4
27		
28	DRAWINGS – Bound Separately	
29	Title	Sheets Thru
30	Title Sheet	T000
31	Project Schedule, Construction Phasing Plans and Sheet Index	T001
32		
33	Civil	C-
34	General Notes, Symbols and Abbreviations	C000
35	Existing Conditions	C002
36	Surface Demolition Plan – Phase 1 and Phase 2	C003
37	Overall Utility Site Plan – Demolition and New Construction	C004
38	Existing Subsurface Conditions ULO Plan	C020
39	Traffic Control – Phase 1 & 2	C100
40	Traffic Control Details	C105
41	Traffic Control Details – Phase 1 & 2	C106
42	Erosion Control Plan – Phase 1 & 2	C150
43	Erosion Control Plan Details	C160
44	Partial Steam Site Plan & Profile	C210
45	Partial Steam Site Plan & Profile	C211
46	Partial Steam Site Plan & Profile	C212
47	Partial Steam Site Plan & Profile	C213
48	Partial Steam Site Plan & Profile	C214
49	Murphy Hall Steam Pit S and Steam Pit V Demolition Plans and Section	C250
50	Steam Pit B-1 and D-1 Demolition Plans and Section	C251
51	Murphy Hall and Steam Pit D-1 New Construction Plans and Sections	C252
52	Steam Pit B-1 New Construction Plan and Sections	C253
53	Steam Pit V New Construction Plan and Sections	C254
54	Steam Details	C280
55	Steam Details	C281
56	Site Restoration Plan – Phase 1 and Phase 2	C500
57	Site Restoration Grading Details	C501

1	Site Restoration Grading Details	C502
2	Construction Details	C600
3		
4	Mechanical	M-
5	Mechanical Symbols and Sheet Index	M000
6	Steam and Condensate System Layout Plans	M001
7	Murphy Hall and Steam Pit V Demolition Plans and Section	M100
8	Steam Pit D-1 Demolition Plan and Section	M101
9	Murphy Hall and Steam Pit D-1 New Construction Plans and Sections	M102
10	Steam Pit B-1 New Construction Plan and Sections	M103
11	Steam Pit V New Construction Plan and Sections	M104
12	Murphy Hall West Demolition Plan	M110
13	Mechanical Details	M240
14	Mechanical Details	M241
15		
16	Electrical	E-
17	Electrical Symbols and Sheet Index	E000
18	Murphy Hall West Electrical Plan	E110
19	Overall Utility Site Plan – New Construction	E200
20	Steam Pit B-1 & V New Construction Plans	E201
21	Electrical Details	E500
22	Electrical Schedules	E600
23		
24		
25		
26	***	