

1 **TABLE OF CONTENTS TECHNICAL SPECIFICATIONS (10/2022)**

2 **VOLUME 5 of 6**

3  
4 Division Project No. **20K1G-01**

Pages Thru

5  
6 **TITLE PAGE**

1

7 **TABLE OF CONTENTS**

TC-16

8  
9 **VOLUME 2**

10  
11 **DIVISION 02 – EXISTING CONDITIONS**

Section	Title	
13 02 05 00	Common Work Results for Existing Conditions	02 05 00-4
14 02 22 13	Vibration Assessment and Control	02 22 13-4
15 02 32 00	Geotechnical Investigation	02 32 00-72
16 02 41 13	Demolition	02 41 13-14
17 02 41 19.40	Selective Demolition of Traffic Signal Equipment	02 41 19.40-1

18  
19 **DIVISION 03 - CONCRETE**

Section	Title	
21 03 08 00	Commissioning of Concrete	03 08 00-10
22 03 30 00	Cast-In-Place Concrete	03 30 00-30
23 03 38 00	Post-Tensioned Concrete	03 38 00-10
24 03 45 00	Precast Architectural Concrete	03 45 00-12
25 03 53 00	Concrete Topping	03 53 00-5

26  
27 **DIVISION 04 - MASONRY**

Section	Title	
29 04 08 00	Commissioning of Masonry	04 08 00-9
30 04 20 00	Unit Masonry	04 20 00-14

31  
32 **DIVISION 05 - METALS**

Section	Title	
34 05 12 00	Structural Steel Framing	05 12 00-14
35 05 31 00	Steel Decking	05 31 00-5
36 05 40 00	Cold-Formed Metal Framing	05 40 00-4
37 05 50 00	Metal Fabrications	05 50 00-10
38 05 51 13	Metal Pan Stairs	05 51 13-9
39 05 51 19	Metal Grating Stairs	05 51 19-8
40 05 52 13	Pipe and Tube Railings	05 52 13-9
41 05 53 13	Bar Gratings	05 53 13-4
42 05 73 00	Decorative Metal Railings	05 73 00-9

43  
44 **DIVISION 06 – WOOD, PLASTICS AND COMPOSITES**

Section	Title	
46 06 10 00	Rough Carpentry	06 10 00-4
47 06 10 53.01	Miscellaneous Rough Carpentry – Roofing	06 10 53.01-2
48 06 15 33	Wood Patio Decking	06 15 33-6
49 06 16 00	Sheathing	06 16 00-5
50 06 40 23	Interior Architectural Woodwork	06 40 23-4
51 06 41 16	Plastic-Laminate-Clad Architectural Cabinets	06 41 16-7
52 06 64 00	Plastic Paneling	06 64 00-3

53

1	DIVISION 07 - THERMAL AND MOISTURE PROTECTION		
2	Section	Title	
3	07 08 00	Commissioning of Thermal and Moisture Protection	07 08 00-26
4	07 13 26	Self-Adhering Sheet Waterproofing	07 13 26-7
5	07 14 13	Hot Fluid-Applied Rubberized Asphalt Waterproofing	07 14 13-6
6	07 21 00	Thermal Insulation	07 21 00-6
7	07 27 26	Fluid-Applied Membrane Air Barriers	07 27 26-7
8	07 33 63.01	Vegetated Roof Assembly Over Hot Fluid Applied Membrane	07 33 63.01-26
9	07 42 13.13	Formed Metal Wall Panels	07 42 13.13-7
10	07 42 13.19	Insulated Metal Wall Panels	07 42 13.19-8
11	07 53 23	Ethylene-Propylene-Diene-Monomer Roofing	07 53 23-18
12	07 62 00	Sheet Metal Flashing and Trim	07 62 00-9
13	07 63 00	Sheet Metal Roofing Specialties	07 63 00-7
14	07 72 00	Roof Accessories	07 72 00-5
15	07 76 00	Roof Pavers, Precast and Furnishings	07 76 00-14
16	07 81 00	Applied Fire Protection	07 81 00-6
17	07 81 23	Intumescent Fire Protection	07 81 23-5
18	07 84 00	Fire Stopping	07 84 00-8
19	07 92 00	Joint Sealants	07 92 00-9
20	07 92 19	Acoustical Joint Sealants	07 92 19-4
21			
22	<b>VOLUME 3</b>		
23			
24	DIVISION 08 - OPENINGS		
25	Section	Title	
26	08 08 00	Commissioning of Exterior Building Envelope	08 08 00-6
27	08 11 13	Hollow Metal Doors and Frames	08 11 13-7
28	08 14 16	Flush Wood Doors	08 14 16-5
29	08 31 13	Access Doors and Frames	08 31 13-3
30	08 31 23	Floor Doors	08 31 23-3
31	08 33 23	Overhead Coiling Doors	08 33 23-9
32	08 33 26	Overhead Coiling Grilles	08 33 26-7
33	08 41 13	Aluminum-Framed Entrances and Storefronts	08 41 13-11
34	08 44 13	Glazed Aluminum Curtain Walls	08 44 13-9
35	08 71 00	Door Hardware	08 71 00-41
36	08 71 13	Power Door Operators	08 71 13-7
37	08 80 00	Glazing	08 80 00-14
38	08 88 13	Fire-Rated Glazing	08 88 13-7
39	08 91 19	Fixed Louvers	08 91 19-6
40			
41	DIVISION 09 - FINISHES		
42	Section	Title	
43	09 21 16.23	Gypsum Board Shaft Wall Assemblies	09 21 16.23-5
44	09 22 00	Seamless Acoustical Plaster System	09 22 00-3
45	09 22 16	Non-Structural Metal Framing	09 22 16-6
46	09 29 00	Gypsum Board	09 29 00-8
47	09 30 13	Ceramic Tiling	09 30 13-11
48	09 51 13	Acoustical Panel Ceilings	09 51 13-7
49	09 64 00	Wood Flooring	09 64 00-4
50	09 65 13	Resilient Base and Accessories	09 65 13-4
51	09 65 16	Resilient Sheet Flooring	09 65 16-4
52	09 66 23	Resinous Matrix Terrazzo Flooring	09 66 23-8
53	09 68 13	Tile Carpeting	09 68 13-7
54	09 72 00	Wall Coverings	09 72 00-5
55	09 77 43	Linear Wood Panels	09 77 43-4
56	09 84 30	Sound-Absorbing Wall and Ceiling Units	09 84 30-10

1	09 91 13	Exterior Painting	09 91 13-6
2	09 91 23	Interior Painting	09 91 23-9
3	09 96 11	High-Performance Coatings	09 96 11-7
4			
5	DIVISION 10 - SPECIALTIES		
6	Section	Title	
7	10 11 00	Visual Display Units	10 11 00-5
8	10 14 16	Building Dedication Plaque	10 14 16-3
9	10 14 19	Dimensional Letter Signage	10 14 19-4
10	10 14 23	Panel Signage	10 14 23-6
11	10 21 13.19	Plastic Toilet Compartments	10 21 13.19-4
12	10 26 00	Wall and Door Protection	10 26 00-4
13	10 28 00	Toilet, Bath, and Laundry Accessories	10 28 00-8
14	10 44 13	Fire Protection and AED Cabinets	10 44 13-5
15	10 51 13	Metal Lockers	10 51 13-8
16			
17	DIVISION 11 - EQUIPMENT		
18	Section	Title	
19	11 13 19	Stationary Loading Dock Equipment	11 13 19-6
20	11 24 00	Maintenance Equipment	11 24 00-5
21			
22	DIVISION 12 - FURNISHINGS		
23	Section	Title	
24	12 24 13	Roller Window Shades	12 24 13-9
25	12 31 00	Manufactured Metal Casework	12 31 00-4
26	12 36 16	Metal Countertops	12 36 16-3
27	12 36 61.16	Solid Surfacing Countertops	12 36 61.16-3
28	12 36 61.19	Quartz Agglomerate Countertops	12 36 61.19-4
29	12 48 16	Entrance Floor Grilles	12 48 16-4
30	12 61 00	Fixed Furniture	12 61 00-10
31	12 93 13	Bicycle Racks	12 93 13-2
32			
33	DIVISION 14 - CONVEYING SYSTEMS		
34	Section	Title	
35	14 08 00	Commissioning of Conveying Systems	14 08 00-3
36	14 21 20	Traction Elevators	14 21 20-23
37			
38	<b>VOLUME 4</b>		
39			
40	DIVISION 21 – FIRE SUPPRESSION		
41	Section	Title	
42	21 05 00	Common Work Results for Fire Suppression	21 05 00-10
43	21 05 29	Hangers and Supports for Fire Suppression Piping and Equipment	21 05 29-5
44	21 08 00	Commissioning of Fire Suppression	21 08 00-8
45	21 10 00	Water Based Fire Suppression Systems	21 10 00-11
46			
47	DIVISION 22 - PLUMBING		
48	Section	Title	
49	22 05 00	Common Work Results for Plumbing	22 05 00-11
50	22 05 13	Common Motor Requirements for Plumbing Equipment	22 05 13-4
51	22 05 14	Plumbing Specialties	22 05 14-7
52	22 05 15	Piping Specialties	22 05 15-3
53	22 05 23	General Duty Valves for Plumbing Piping	22 05 23-5
54	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-5
55	22 07 00	Plumbing Insulation	22 07 00-8
56	22 08 00	Commissioning of Plumbing	22 08 00-58
57	22 11 00	Facility Water Distribution	22 11 00-10

1	22 13 00	Facility Sanitary Sewerage	22 13 00-6
2	22 14 00	Facility Storm Drainage	22 14 00-7
3	22 15 13	General Service Compressed-Air Piping	22 15 13-4
4	22 30 00	Plumbing Equipment	22 30 00-6
5	22 42 00	Commercial Plumbing Fixtures	22 42 00-6
6			
7	DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING		
8	Section	Title	
9	23 05 00	Common Work Results for HVAC	23 05 00-7
10	23 05 02	HVAC Demolition	23 05 02-3
11	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-3
12	23 05 14	Variable Frequency Drives	23 05 14-6
13	23 05 15	Piping Specialties	23 05 15-8
14	23 05 23	General Duty Valves for HVAC Piping	23 05 23-11
15	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-6
16	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-5
17	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-6
18	23 07 00	HVAC Insulation	23 07 00-12
19	23 08 00	Commissioning of HVAC	23 08 00-142
20	23 09 14	Pneumatic and Electric Instrumentation and Control Devices for HVAC	23 09 14-23
21	23 09 15	DDC Input/Output Summary Table	23 09 15-33
22	23 09 23	Direct Digital Control System for HVAC	23 09 23-15
23	23 09 28	BACnet Automation System Integration of Direct Digital Control System	
24		for HVAC (Informational Purposes Only)	23 09 28-12
25	23 09 93	Sequence of Operations for HVAC Controls	23 09 93-37
26	23 11 00	Facility Fuel Piping	23 11 00-7
27	23 21 13	Hydronic Piping	23 21 13-11
28	23 21 23	Hydronic Pumps	23 21 23-3
29	23 22 13	Steam and Condensate Heating Piping	23 22 13-9
30	23 22 13.13	Underground Steam and Condensate Heating Piping	23 22 13.13-7
31	23 22 23	Steam Condensate Pumps	23 22 23-3
32	23 25 00	HVAC Water Treatment	23 25 00-4
33	23 31 00	HVAC Ducts and Casings	23 31 00-8
34	23 31 19	HVAC Casings	23 31 19-7
35	23 33 00	Air Duct Accessories	23 33 00-8
36	23 34 00	HVAC Fans	23 34 00-4
37	23 36 00	Air Terminal Units	23 36 00-5
38	23 37 13	Diffusers, Registers & Grilles	23 37 13-4
39	23 41 00	Particulate Air Filtration	23 41 00-4
40	23 51 00	Breeching, Chimneys, and Stacks	23 51 00-3
41	23 57 00	Heat Exchangers for HVAC	23 57 00-2
42	23 72 00	Air-To-Air Energy Recovery Equipment	23 72 00-3
43	23 73 12	Air Handling Unit Coils	23 73 12-3
44	23 73 13	Modular Indoor Central-Station Air-Handling Units	23 73 13-7
45	23 82 00	Heating and Cooling Terminal Units	23 82 00-6
46			
47	<b>VOLUME 5</b>		
48			
49	DIVISION 26 - ELECTRICAL		
50	Section	Title	
51	26 05 00	Common Work Results for Electrical	26 05 00-7
52	26 05 02	Electrical Demolition	26 05 02-3
53	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-4
54	26 05 13	Medium-Voltage Cables	26 05 13-6
55	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-6
56	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
57	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-6

1	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-4
2	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-12
3	26 05 33.41	Raceway and Boxes for Audio-Video Systems	26 05 33.41-5
4	26 05 36	Cable Trays for Electrical Systems	26 05 36-5
5	26 05 43	Underground Ducts and Raceways for Electrical Systems	26 05 43-4
6	26 05 53	Identification for Electrical Systems	26 05 53-4
7	26 05 73	Short Circuit/Coordination Study and Arc Flash Risk Assessment	26 05 73-5
8	26 08 00	Commissioning of Electrical	26 08 00-102
9	26 09 43	Networked Digital Lighting Controls	26 09 43-17
10	26 12 16	Medium Voltage Transformer, Dry Type (Indoor)	26 12 16-3
11	26 13 16	Medium-Voltage Fusible Interrupter Switchgear	26 13 16-7
12	26 18 23	Medium-Voltage Surge Arresters	26 18 23-2
13	26 22 00	Low-Voltage Transformers	26 22 00-3
14	26 24 13	Switchboards	26 24 13-5
15	26 24 16	Panelboards	26 24 16-5
16	26 27 02	Equipment Wiring Systems	26 27 02-5
17	26 27 13	Electricity Metering	26 27 13-6
18	26 27 26	Wiring Devices	26 27 26-7
19	26 27 28	Disconnect Switches	26 27 28-2
20	26 28 13	Fuses	26 28 13-1
21	26 28 16	Enclosed Switches and Circuit Breakers	26 28 16-2
22	26 29 00	Low-Voltage Controllers	26 29 00-3
23	26 31 00	Photovoltaic System Performance Requirements	26 31 00-10
24	26 32 13.16	Engine Driven Generator Sets – Natural Gas	26 32 13.16-7
25	26 36 00	Transfer Switches	26 36 00-5
26	26 41 13.13	Lightning Protection for Buildings	26 41 13.13-3
27	26 43 13	Surge Protective Devices for Low-Voltage Electrical Power Circuits	26 43 13-3
28	26 51 13	Interior Lighting Fixtures, Lamps, and Ballasts	26 51 13-6
29	26 56 29	Site Lighting	26 56 29-6
30			
31	DIVISION 27 - COMMUNICATIONS		
32	Section	Title	
33	27 05 53	Identification for Communications Systems	27 05 53-7
34	27 08 00	Commissioning of Communications	27 08 00-19
35	27 08 00.41	AV Systems Commissioning	27 08 00.41-27
36	27 10 00	Structured Cabling	27 10 00-32
37	27 11 00	Communications Equipment Room Fittings	27 11 00-6
38	27 11 13	Communications Protection	27 11 13-4
39	27 13 23.13	Communications Optical Fiber Splicing and Terminations	27 13 23.13-1
40	27 41 00	Audio-Video Systems	27 41 00-52
41	27 51 29	Two-Way Emergency Communication Systems	27 51 29-7
42	27 53 13	Clock System	27 53 13-5
43			
44	DIVISION 28 – ELECTRONIC SAFETY AND SECURITY		
45	Section	Title	
46	28 05 37	Emergency Responder Radio Coverage System	28 05 37-13
47	28 08 00	Commissioning of Electronic Safety and Security	28 08 00-17
48	28 10 00	Access Control System	28 10 00-14
49	28 23 00	Video Surveillance System	28 23 00-8
50	28 31 00	Fire Detection and Alarm	28 31 00-37
51			
52	<b>VOLUME 6</b>		
53			
54	DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK		
55	Section	Title	
56	30 05 00	Common Work Results for All Exterior Work	30 05 00-6
57			

1	DIVISION 31 - EARTHWORK		
2	Section	Title	
3	31 10 00	Site Clearing	31 10 00-2
4	31 13 16	Selective Tree and Shrub Protection and Removal	31 13 16-11
5	31 20 00	Earthmoving	31 20 00-6
6	31 22 16.15	Roadway Subgrade Preparation	31 22 16.15-4
7	31 23 16.13	Trenching	31 23 16.13-10
8	31 23 16.16	Structural Excavation for Minor Structures	31 23 16.16-5
9	31 23 19	Dewatering	31 23 19-3
10	31 25 00	Erosion Control	31 25 00-6
11			
12	DIVISION 32 – EXTERIOR IMPROVEMENTS		
13	Section	Title	
14	32 11 23.33	Dense Graded Base	32 11 23.33-3
15	32 12 16.13	Hot Mix Asphalt Paving	32 12 16.13-3
16	32 13 13	Concrete Paving	32 13 13-15
17	32 14 00	Unit Paving	32 14 00-12
18	32 14 80	Radiant Electric Heating Cable and Pan Pedestal Paver Snow Melt System	32 14 80-6
19	32 17 23	Pavement Markings	32 17 23-2
20	32 31 13	Chain Link Fencing and Gates	32 31 13-5
21	32 31 20	Exterior Handrails and Guardrails	32 31 20-8
22	32 32 20	Landscape Stonework	32 32 20-10
23	32 36 00	Exterior Site Furnishings and Specialty Items	32 36 00-11
24	32 84 00	Planting Irrigation	32 84 00-32
25	32 91 13	Soil Preparation	32 91 13-5
26	32 92 00	Plants	32 92 00-12
27	32 92 19	Seeding	32 92 19-4
28	32 92 23	Sodding	32 92 23-5
29			
30	DIVISION 33 – UTILITIES		
31	Section	Title	
32	33 08 00	Commissioning of Utilities	33 08 00-47
33	33 11 00	Water Utility Distribution Piping	33 11 00-12
34	33 30 00	Sanitary Sewerage Utilities	33 30 00-9
35	33 40 00	Storm Drainage Utilities	33 40 00-11
36	33 61 13	Chilled Water and Condenser Water Utilities	33 61 13-17
37	33 63 13	Hydronic Heating and Steam Utilities	33 63 13-2
38	33 65 00	Thermal Utilities	33 65 00-3
39			
40	DIVISION 34 – TRANSPORTATION		
41	Section	Title	
42	34 41 13.13	Temporary Traffic Signals	34 41 13.13-3
43	34 41 13.16	Permanent Signal Equipment	34 41 13.16-5
44	34 71 10	Motorized Traffic, Bike, and Pedestrian Control	34 71 10-3
45	34 71 13	Temporary Concrete Barrier	34 71 13-3
46			
47	<b>DRAWINGS - Bound Separately</b>		
48	Title		Sheets Thru
49			
50	<b>VOLUME 1</b>		
51			
52	GENERAL		
53	Title Sheet		G001
54	Index		G011
55	Abbreviations & Symbols		G020
56	Accessibility Requirements		G021
57	Accessibility Requirements		G022

1	Code Information	G100
2	Life Safety Plans	G200
3	Life Safety Plans	G201
4	Life Safety Plans	G202
5	Life Safety Plans	G203
6	Life Safety Sections	G204
7	Life Safety Sections	G205
8	Life Safety Sections	G206
9	Life Safety Sections	G207
10	Life Safety Sections	G208
11	Life Safety Sections	G209
12		
13	CIVIL	
14	Civil General Notes	C001
15	Site Survey and Benchmarks	C010
16	Construction Staging Plan	C100
17	Site Demolition Plan– Overall	C110
18	Site Demolition Plan– Zone 1 Enlargement	C111
19	Site Demolition Plan– Zone 2 Enlargement	C112
20	Site Demolition Plan– Zone 3 Enlargement	C113
21	Site Erosion Control Plan – Overall	C150
22	Site Erosion Control Plan – Zone 1 Enlargement	C151
23	Site Erosion Control Plan – Zone 2 Enlargement	C152
24	Site Erosion Control Plan – Zone 3 Enlargement	C153
25	Site Erosion Control Details	C154
26	Site Layout Plan – Overall	C200
27	Site Layout Plan – Zone 1 Enlargement	C210
28	Site Layout Plan – Zone 2 Enlargement	C211
29	Site Layout Plan – Zone 3 Enlargement	C212
30	Site Traffic Control Plan Notes	C300
31	Site Traffic Control Plan - Zone Map	C310
32	Site Traffic Control Plan General Conditions – Zone 1 Enlargement	C311
33	Site Traffic Control Plan General Conditions – Zone 2 Enlargement	C312
34	Site Traffic Control Plan Utility Part A - Zone 1 Enlargement	C321
35	Site Traffic Control Plan Utility Part A – Zone 2 Enlargement	C322
36	Site Traffic Control Plan Utility Part A - Zone 4 Enlargement	C324
37	Site Traffic Control Plan Utility Part A - Zone 5 Enlargement	C325
38	Site Traffic Control Plan Utility Part B – Zone 1 Enlargement	C331
39	Site Traffic Control Plan Utility Part B – Zone 2 Enlargement	C332
40	Site Traffic Control Plan Utility Part B – Zone 4 Enlargement	C334
41	Site Traffic Control Plan Park St. Closure – Zone 1 Enlargement	C341
42	Site Traffic Control Plan Park St. Closure – Zone 2 Enlargement	C342
43	Site Traffic Control Plan Park St. Closure – Zone 3 Enlargement	C343
44	W. Johnson St. & N. Park St. – Traffic Signal Removal Plan	C351
45	W. Johnson St. & N. Park St. – Temporary Traffic Signal Plan	C352
46	W. Johnson St. & N. Park St. – Traffic Signal Plan	C353
47	Johnson & Park – Cable Routing Sheet 1	C354
48	Johnson & Park – Cable Routing Sheet 2	C355
49	Johnson & Park – Traffic Signal Quantities	C356
50	Johnson & Park – Fiber Optic Plan	C357
51	Johnson & Park – Fiber Optic Details	C358
52	Johnson & Park – Fiber Optic Details	C359
53	Site Grading Plan – Overall	C400
54	Site Grading Plan – Zone 1 Enlargement	C410
55	Site Grading Plan – Zone 2 Enlargement	C411
56	Site Grading Plan – Zone 3 Enlargement	C412
57	Site Utility Plan – Overall	C500

1	Site Utility Plan – Zone 1 Enlargement	C510
2	Site Utility Plan – Zone 2 Enlargement	C511
3	Site Utility Plan – Zone 3 Enlargement	C512
4	Site Plan & Profile - Sanitary Lateral	C520
5	Site Plan & Profile - Water Main Lateral	C530
6	Site Plan & Profile - Chilled Water Return & Supply Lateral	C531
7	Site Plan & Profile – HPS	C540
8	Site Details	C800
9	Site Details	C801
10	Site Details	C802
11	Site Details	C803
12	Site Details	C804
13	Site Details	C805
14	Site Details	C806
15	Site Details	C807
16	Site Details	C808
17	Site Details	C809
18	Site Details	C810
19	Site Details	C811
20		
21	<b>LANDSCAPE</b>	
22	Landscape Plan - Overall	LA100
23	Landscape Plan – Zone 1 Enlargement	LA110
24	Landscape Plan – Zone 2 Enlargement	LA111
25	Landscape Plan – Zone 3 Enlargement	LA112
26	Landscape Details	LA500
27	Green Roof Details	LA501
28	Green Roof Details	LA502
29	Irrigation Plan - Overall	LI100
30	Irrigation Plan – Green Roof Plans	LI200
31	Irrigation Plan - Zone 1 Enlargement	LI400
32	Irrigation Plan - Zone 2 Enlargement	LI401
33	Irrigation Details	LI500
34	Irrigation Details	LI501
35	Irrigation Pump Station	LI800
36		
37	<b>VOLUME 2</b>	
38		
39	<b>GENERAL</b>	
40	Title Sheet	G002
41	Index	G012
42		
43	<b>ARCHITECTURAL</b>	
44	Zoe Bayliss Hall Demolition Plans	A010
45	Davis Hall Demolition Plans	A011
46	Lower Level Floor Plan	A100
47	First Floor Plan	A101
48	Second Floor Plan	A102
49	Third Floor Plan	A103
50	Fourth Floor Plan	A104
51	Fifth Floor Plan	A105
52	Penthouse Floor Plan	A106
53	Machine Room/Penthouse Roof & Floor Plan	A107
54	Overall Roof Plan	A108
55	Lower Level Reflected Ceiling Plan	A140
56	First Floor Reflected Ceiling Plan	A141
57	Second Floor Reflected Ceiling Plan	A142



1	Third Floor Reflected Ceiling Plan	A143
2	Fourth Floor Reflected Ceiling Plan	A144
3	Fifth Floor Reflected Ceiling Plan	A145
4	Penthouse Reflected Ceiling Plan	A146
5	Exterior Elevations	A200
6	Exterior Elevations	A201
7	Exterior Elevations	A202
8	Exterior Elevations	A203
9	Exterior Elevations	A204
10	Exterior Elevations	A205
11	Exterior Elevations	A206
12	Exterior Elevations	A207
13	Building Sections	A300
14	Building Sections	A301
15	Building Sections	A302
16	Building Sections	A303
17	Wall Sections (North)	A350
18	Wall Sections (North)	A351
19	Wall Sections (North)	A352
20	Wall Sections (East)	A353
21	Wall Sections (South)	A354
22	Wall Sections (South)	A355
23	Wall Sections (West)	A356
24	Shaft Sections	A360
25	Shaft Sections	A361
26	Exterior Details	A400
27	Exterior Details - Brick	A402
28	Exterior Details - Brick	A403
29	Exterior Details - Brick	A404
30	Exterior Details - Brick	A405
31	Exterior Details - Brick	A406
32	Exterior Details - Curtainwall	A407
33	Exterior Details - Curtainwall	A408
34	Exterior Details - Curtainwall	A409
35	Exterior Details - Curtainwall	A410
36	Exterior Details - Precast	A411
37	Exterior Details - Precast	A412
38	Exterior Details - Precast	A413
39	Exterior Details - Precast	A414
40	Exterior Details - Precast	A415
41	Exterior Details - Bldg/Grade	A418
42	Exterior Details - Bldg/Grade	A419
43	Exterior Details - Bldg/Grade	A421
44	Exterior Details - Penthouse	A423
45	Exterior Details - Penthouse	A424
46	Exterior Details - Penthouse	A425
47	Exterior Details - Terrace	A426
48	Exterior Wall Mockup	A450
49	Room Schedule	A500
50	Door Schedule	A510
51	Door & Frame Types	A512
52	Window Schedule	A520
53	Window Schedule	A521
54	Window Schedule - Terrace & Vestibule	A522
55	Window Schedule - Punched	A523
56	Louver Schedule	A525
57	Precast Panel Schedule	A530

1	Wall Types	A550
2	Unit Space - Plans & Interior Elevations	A600
3	Unit Space - Interior Elevations	A601
4	Unit Space - Interior Elevations	A602
5	Unit Space - Interior Elevations	A603
6	Unit Space - Interior Elevations	A604
7	Toilet Rooms - Plans & Interior Elevations	A610
8	Toilet Rooms - Plans & Interior Elevations	A611
9	Toilet Rooms - Details	A612
10	Cafe - Plans, Reflected Ceiling Plans, Elevations	A613
11	Interior Elevations - Public Spaces	A614
12	Interior Elevations - Public Spaces	A615
13	Interior Elevations - Public Spaces	A616
14	Interior Elevations - Public Spaces	A617
15	Stair 4 Public Space - Plans & Elevations	A620
16	Stair 2 Public Space - Plans	A621
17	Stair 2 & 4 Public Space - Sections	A622
18	Stair 2 & 4 Public Space - Sections	A623
19	Stair 2 & 4 Public Space - Elevations	A624
20	Stair 3 - Plans & Sections	A625
21	Stair 1 - Plans & Sections	A626
22	Stair - Plans & Sections	A627
23	Stair & Ramp - Plans & Sections	A628
24	Stair - Details	A629
25	Elevator - Plans, Sections & Details	A630
26	Public Space - Enlarged Ceiling Plans	A632
27	Public Space - Enlarged Ceiling Plans	A633
28	Public Space - Details	A635
29	Public Space - Stair Details	A636
30	Public Space - Stair Details	A637
31	Public Space - Stair Details	A638
32	192 - Seat Classroom Enlarged Plans	A640
33	192 - Seat Classroom Enlarged RCP	A642
34	192 - Seat Classroom Section	A643
35	192 - Seat Classroom Interior Elevations	A644
36	426 - Seat Classroom Enlarged Slab Plan	A650
37	426 - Seat Classroom Enlarged Plan	A651
38	426 - Seat Classroom Enlarged RCP	A652
39	426 - Seat Classroom Section	A653
40	426 - Seat Classroom Interior Elevations	A654
41	426 - Seat Classroom Details	A655
42	98 - Seat Classroom Enlarged Plans	A660
43	98 - Seat Classroom Enlarged RCP	A662
44	98 - Seat Classroom Section & Interior Elevations	A663
45	72 - Seat Classroom Plan, RCP, Interior Elevations	A670
46	55 - Seat Classroom Plan, RCP, Interior Elevations	A671
47	55 - Seat Classroom Plan, RCP, Interior Elevations	A672
48	40 & 24 - Seat Classroom Plan, RCP, Interior Elevations	A673
49	42 & 25 - Seat Classroom Plan, RCP, Interior Elevations	A674
50	24 & 25 - Seat Classroom Plan, RCP, Interior Elevations	A675
51	25 - Seat Classroom Plan, RCP, Interior Elevations	A676
52	Classroom Details	A677
53	Classroom Details	A678
54	Classroom Fixed Furniture Details	A679
55	Interior Details	A680
56	Interior Details	A681
57	Interior Details - Fire Resistive Glazing and Framing	A682

1	Interior Details - Shaft	A683
2	Millwork Details	A690
3	Millwork Details	A691
4	Lower Level Finish Plan	A700
5	First Floor Finish Plan	A701
6	Second Floor Finish Plan	A702
7	Third Floor Finish Plan	A703
8	Fourth Floor Finish Plan	A704
9	Fifth Floor Finish Plan	A705
10	Penthouse Finish Plan	A706
11	Lower Level Furniture Plan	A800
12	First Floor Furniture Plan	A801
13	Second Floor Furniture Plan	A802
14	Third Floor Furniture Plan	A803
15	Fourth Floor Furniture Plan	A804
16	Fifth Floor Furniture Plan	A805
17	Lower Level Signage Plan	A900
18	First Floor Signage Plan	A901
19	Second Floor Signage Plan	A902
20	Third Floor Signage Plan	A903
21	Fourth Floor Signage Plan	A904
22	Fifth Floor Signage Plan	A905
23	Penthouse Signage Plan	A906
24	Elevator MR – Penthouse Roof Signage Plan	A907
25	Signage Schedule	A910
26	Signage Schedule	A911
27	Signage Schedule	A912
28	Signage Details	A920
29	Signage Details	A921
30	Signage Details -Exterior	A922
31		
32	<b>VOLUME 3</b>	
33		
34	<b>GENERAL</b>	
35	Title Sheet	G003
36	Index	G013
37		
38	<b>STRUCTURAL</b>	
39	General Notes	S001
40	General Information	S002
41	General Foundation Details	S003
42	General Two-Way Flat Slab Details	S006
43	Design Load Plans	S010
44	Design Load Plans	S011
45	Design Load Plans	S012
46	Design Load Plans	S013
47	Slab Camber Plans	S020
48	Slab Camber Plans	S021
49	Grid Control Plan	S099
50	Foundation Plan	S100
51	First Floor Framing Plan	S101
52	Second Floor Framing Plan	S102
53	Third Floor Framing Plan	S103
54	Fourth Floor Framing Plan	S104
55	Fifth Floor Framing Plan	S105
56	Penthouse Floor/Roof Framing Plan	S106
57	Penthouse Roof/Elevator Penthouse Floor Framing Plan	S107

1	Frame Elevations	S401
2	Partial Foundation Plans	S402
3	Enlarged Framing Plan	S403
4	Enlarged Framing Plan	S404
5	Enlarged Sections	S405
6	Foundation Details	S501
7	Foundation Details	S502
8	Concrete Details	S503
9	Masonry Details	S510
10	Steel Details	S511
11	Steel Details	S512
12	Steel Details	S521
13	Concrete Details	S561
14	Stair Details	S562
15	Foundation Schedules	S601
16	Steel Column Schedule	S602
17	Concrete Column Schedule	S603
18	Concrete Beam Schedule	S604
19	Concrete Beam Schedule	S605
20	Concrete Beam Details	S606
21	Concrete Shear Wall Schedule	S607
22	Concrete Shear Wall Details	S608
23	Concrete Shear Wall Details	S608A
24	Masonry Schedule	S609
25	Miscellaneous Schedules	S610
26	Residential Stabilization – Site Plan	S700
27	206 Bernard Ct – Demo Plan	S701A
28	206 Bernard Ct – Stabilization	S701B
29	209 N Brooks St – Stabilization	S702
30	210 Bernard Ct – Demo Plan	S703
31	210 Bernard Ct – Stabilization	S704
32		
33	FIRE SUPPRESSION	
34	Notes, Schedules, Symbols and Abbreviations	F001
35	Lower Level - Fire Protection	F100
36	First Floor - Fire Protection	F101
37	Second Floor - Fire Protection	F102
38	Third Floor - Fire Protection	F103
39	Fourth Floor - Fire Protection	F104
40	Fifth Floor - Fire Protection	F105
41	Roof/Penthouse Plan - Fire Protection	F106
42	Fire Protection Details	F300
43		
44	PLUMBING	
45	Notes, Symbols & Abbreviations	P001
46	Zoe Bayliss Hall Demolition Plans - Plumbing	P010
47	Davis Hall Demolition Plans - Plumbing	P011
48	Below Ground - Plumbing	P099
49	Lower Level - Plumbing	P100
50	First Floor - Plumbing	P101
51	Second Floor - Plumbing	P102
52	Third Floor - Plumbing	P103
53	Fourth Floor - Plumbing	P104
54	Fifth Floor - Plumbing	P105
55	Roof/Penthouse Plan - Plumbing	P106
56	Enlarged Plans - Plumbing	P200
57	Plumbing Details	P300

1	Plumbing Schedules and Detail	P400
2	Drain Waste & Vent Isometric - Plumbing	P500
3	Drain Waste & Vent Isometric - Plumbing	P501
4	Water Isometric - Plumbing	P600
5	Water Isometric - Plumbing	P601
6	Storm & Clearwater Waste Isometric - Plumbing	P700
7	Compressed Air & Irrigation Isometric - Plumbing	P701
8		
9	HEATING, VENTILATING AND AIR CONDITIONING	
10	Notes, Symbols & Abbreviations	M001
11	Mechanical Site Plan	M005
12	Zoe Bayliss Hall HVAC Demolition Plans	M010
13	Davis Hall HVAC Demolition Plans	M011
14	Lower Level HVAC Plan	M100
15	First Floor HVAC Plan	M101
16	Second Floor HVAC Plan	M102
17	Third Floor HVAC Plan	M103
18	Fourth Floor HVAC Plan	M104
19	Fifth Floor HVAC Plan	M105
20	Penthouse HVAC Plan	M106
21	Roof HVAC Plan	M107
22	Lower Level Piping Plan	M130
23	First Floor Piping Plan	M131
24	Second Floor Piping Plan	M132
25	Third Floor Piping Plan	M133
26	Fourth Floor Piping Plan	M134
27	Fifth Floor Piping Plan	M135
28	Penthouse Piping Plan	M136
29	Enlarged Ductwork Plans	M201
30	Enlarged Piping Plans	M202
31	Enlarged Plans	M203
32	Enlarged Plans	M204
33	Enlarged Plans	M205
34	Mechanical Building Sections	M301
35	Mechanical Building Sections	M302
36	Mechanical Building Sections	M303
37	Mechanical Building Sections	M304
38	Mechanical Building Sections	M305
39	Mechanical Building Sections	M306
40	Mechanical Building Sections	M307
41	Enlarged Classroom 192 HVAC Plan	M308
42	Enlarged Classroom 426 HVAC Plan	M309
43	HVAC Details	M401
44	HVAC Details	M402
45	HVAC Details	M403
46	Piping Details	M404
47	Piping Details	M405
48	Piping Details	M406
49	Piping Details	M407
50	Piping Details	M408
51	Piping Details	M409
52	Piping Details	M410
53	Piping Details	M411
54	Steam Pit 3-13 Plans	M412
55	Steam Pipe Elevation	M413
56	Generator Exhaust Discharge Riser Diagram	M414
57	HVAC Schedules	M501

1	HVAC Schedules	M502
2	HVAC Schedules	M503
3	HVAC Schedules	M504
4	Piping Schedules	M505
5	Piping Schedules	M506
6	Mechanical Schematics	M601
7	Mechanical Schematics	M602
8	Mechanical Schematics	M603
9	Control Schematics	M701
10	Control Schematics	M702
11		
12	<b>VOLUME 4</b>	
13		
14	<b>GENERAL</b>	
15	Title Sheet	G004
16	Index	G014
17		
18	<b>ELECTRICAL</b>	
19	Notes, Symbols & Abbreviations	E001
20	Electrical Demolition Site Plan	E004
21	Electrical Site Plan	E005
22	Lower Level Power And Fire Alarm Plan	E100
23	First Floor Power and Fire Alarm Plan	E101
24	Second Floor Power and Fire Alarm Plan	E102
25	Third Floor Power and Fire Alarm Plan	E103
26	Fourth Floor Power and Fire Alarm Plan	E104
27	Fifth Floor Power and Fire Alarm Plan	E105
28	Penthouse Power and Fire Alarm Plan	E106
29	Roof Power And Fire Alarm Plan	E107
30	Lower Level Lighting Plan	E140
31	First Floor Lighting Plan	E141
32	Second Floor Lighting Plan	E142
33	Third Floor Lighting Plan	E143
34	Fourth Floor Lighting Plan	E144
35	Fifth Floor Lighting Plan	E145
36	Penthouse Floor Lighting Plan	E146
37	Enlarged Plans	E201
38	Enlarged Plans	E202
39	Enlarged Plans	E203
40	Enlarged Plans	E204
41	Details	E401
42	Details	E402
43	Details	E403
44	Details	E404
45	Schedules	E501
46	Schedules	E502
47	Schedules	E503
48	Schedules	E504
49	Schedules	E505
50	Schedules	E506
51	Schedules	E507
52	Schedules	E508
53	Schedules	E509
54	Schedules	E510
55	Schedules	E511
56	Schedules	E512
57	Schedules	E513

1	Schedules	E514
2	One-Line Diagram	E700
3	One-Line Diagram	E701
4	One-Line Diagram	E702
5	Electrical Site Plan Photometrics	EL005
6	Lower Level Egress Lighting Photometric Plan	EL140
7	First Floor Egress Lighting Photometric Plan	EL141
8	Second Floor Lighting Photometric Plan	EL142
9	Third Floor Egress Lighting Photometric Plan	EL143
10	Fourth Floor Egress Lighting Photometric Plan	EL144
11	Fifth Floor Egress Lighting Photometric Plan	EL145
12	Penthouse Floor Egress Lighting Photometric Plan	EL146
13	Stair Well Lighting Photometric Plan	EL147
14		
15	COMMUNICATIONS	
16	Notes, Symbols & Abbreviations	Q001
17	Communications And Electronic Security Keyed Notes	Q005
18	Site Overall Communications Demolition Plan	Q010
19	Site Overall Communications Plan	Q011
20	Lower Level Communications Plan	Q100
21	First Floor Communications Plan	Q101
22	Second Floor Communications Plan	Q102
23	Third Floor Communications Plan	Q103
24	Fourth Floor Communications Plan	Q104
25	Fifth Floor Communications Plan	Q105
26	Penthouse Communications Plan	Q106
27	Penthouse Roof Communications & Electronic Security Plan	Q107
28	Lower Level Electronic Security Plan	Q120
29	First Floor Electronic Security Plan	Q121
30	Second Floor Electronic Security Plan	Q122
31	Third Floor Electronic Security Plan	Q123
32	Fourth Floor Electronic Security Plan	Q124
33	Fifth Floor Electronic Security Plan	Q125
34	Penthouse Electronic Security Plan	Q126
35	Enlarged Plans – Telecom Entry L1177	Q201
36	Enlarged Plans – Telecom L1208	Q202
37	Enlarged Plans – Telecom 1208	Q203
38	Enlarged Plans – Telecom 2276	Q204
39	Enlarged Plans – Telecom 3204d	Q205
40	Enlarged Plans – Telecom 4276	Q206
41	Enlarged Plans – Telecom 5276	Q207
42	Details	Q401
43	Details	Q402
44	Details	Q403
45	Schedules	Q501
46	Riser Diagrams	Q701
47		
48	AUDIO/VISUAL SYSTEMS	
49	AV Panel Schedule, Als, & Conduit Info	AV001
50	AV Wiretype Schedule and Cable/Conduit Guidelines	AV002
51	AV Standard Details	AV003
52	AV Device Plan at Lower Level	AV100
53	AV Device Plan at First Floor	AV101
54	AV Device Plan at Second Floor	AV102
55	AV Device Plan at Third Floor	AV103
56	AV Device Plan at Fourth Floor	AV104
57	AV Device Plan at Fifth Floor	AV105

1	AV Device RCP at Lower Level	AV140
2	AV Device RCP at First Floor	AV141
3	AV Device RCP at Second Floor	AV142
4	AV Device RCP at Third Floor	AV143
5	AV Device RCP at Fourth Floor	AV144
6	AV Device RCP at Fifth Floor	AV145
7	AV Equipment Plan, RCP, Section & Elevation at Classroom-24 (L1201)	AV300
8	AV Equipment Plan, RCP, Section & Elevation at Classroom-25 (1204)	AV301
9	AV Equipment Plan, RCP, Section & Elevation at Classroom-24 (1214)	AV302
10	AV Equipment Plan, RCP, Section & Elevation at Classroom-25 (4202)	AV303
11	AV Equipment Plan, RCP, Section & Elevation at Classroom-25 (5202)	AV304
12	AV Equipment Plan, RCP, Section & Elevation at Classroom-40 (L1207)	AV305
13	AV Equipment Plan, RCP, Section & Elevation at Classroom-42 (5206)	AV306
14	AV Equipment Plan, RCP, Section & Elevation at Classroom- 55 (L1196)	AV307
15	AV Equipment Plan, RCP, Section & Elevation at Classroom- 55 (2206)	AV308
16	AV Equipment Plan, RCP, Section & Elevation at Classroom- 72 (L1192)	AV309
17	AV Equipment Plan, RCP, Section & Elevation at Classroom- 98 (2212)	AV310
18	AV Equipment Plan, RCP, Section & Elevation at Classroom-192 (L1210)	AV311
19	AV Equipment Plan, RCP, Section & Elevation at Classroom-426 (1190)	AV312
20	AV Equipment Plan, RCP, Section & Elevation at History Lounge (4281)	AV313
21	AV Equipment Plan, RCP, Section & Elevation at Study Commons (3204)	AV314
22	AV Wire & Conduit Riser Diagrams	AV500
23	AV Wire & Conduit Riser Diagrams	AV501
24	AV Block Diagrams and Lectern Elevation At 426 Seat Classroom	AV510
25	AV Block Diagrams and Lectern Elevation At 192 Seat Classroom	AV511
26	AV Block Diagrams and Lectern Elevation At 98 Seat Classroom	AV512
27	AV Block Diagrams and Lectern Elevation At 72 Seat Classroom	AV513
28	AV Block Diagrams and Lectern Elevation At 40, 42 & 55 Seat Classroom	AV514
29	AV Block Diagrams and Lectern Elevation At 25 & 24 Seat Classroom	AV515
30	AV Block Diagrams at Open Study	AV520
31	AV Block Diagrams at History Home Space	AV521
32	AV Block Diagrams at Huddle Room, Home Room, Digital Signage, & Room Scheduling	AV522
33	AV Block Diagrams at Large Conference & Seminar	AV523
34	AV Block Diagrams at Conference	AV524
35	AV Panel Details	AV700
36	AV Mounting Details	AV710
37	AV Mounting Details	AV711
38	AV Mounting Details	AV712
39		
40		
41	***	