

1	<b>TABLE OF CONTENTS MEP BIDDERS</b>	<b>(Rev 8/2022)</b>	
2			
3			
4	Division Project No. <b>19H1M</b>		
5			
6	<b>DIVISION 01 - MEP BIDDING REQUIREMENTS</b>		<b>Pages Thru</b>
7	TITLE PAGE		1
8	TABLE OF CONTENTS		TC-18
9			
10	<b>MEP BIDDING REQUIREMENTS</b>		
11	MEP Invitation to Bid		A-2
12	MEP Instructions to Bidders		B-11
13	Bid Form – Mechanical, Electrical, Plumbing, and Fire Protection (MEP)		C-7
14	Sealed Bid Envelope Label		1
15	Mechanical Electrical Plumbing and Fire Protection (MEP) Bid Bond Form (DOA-4189)		1
16	Designation of Confidential and Proprietary Information Form (DOA-3027)		1
17			
18	<b>DIVISION 01</b>		
19	General Requirements		GR-21
20	01 32 50 Building Information Modeling Requirements		01 32 50-3
21	01 33 00 Electronic Submittal Procedures		01 33 00-6
22	01 43 43 Mock-Ups		01 43 43-2
23	01 45 00 Quality Control		01 45 00-2
24	01 74 19 Construction Waste Management		01 74 19-4
25	01 91 02 Commissioning Process		01 91 02-5
26			
27	<b>APPENDIX #1 – GENERAL PRIME CONTRACTOR (GPC) BIDDING AND CONTRACT</b>		
28	<b>DOCUMENTS</b>		
29	Form A - Affidavit of Compliance – MBE / DVB Provisions (DOA-4266)		2
30	Request for Submittal Approval (DOA-4523)		1
31	Request for Subcontractors Approval (DOA-4225)		1
32			
33	<b>CONTRACT FORMS</b>		
34	Performance Bond Form (DOA-4188)		2
35	Payment Bond Form (DOA-4187)		2
36	Contract Form (DOA-4504)		2
37			
38	<b>CONDITIONS OF THE CONTRACT</b>		
39	Index to General Conditions		1
40	General Conditions of the General Prime Contractor Contract (DOA-4193P)		34
41	Supplementary General Conditions		SGC-1
42	Submittal Log		SL-7
43			
44	<b><u>VOLUME 2</u></b>		
45			
46	<b>DIVISION 02 – EXISTING CONDITIONS</b>		
47	Section Title		
48	02 05 00 Common Work Results for Existing Conditions		02 05 00-4
49	02 32 00 Geo Technical Investigation		02 32 00-1
50	02 32 01 Geotechnical Report		02 32 01-51
51	02 41 13 Demolition		02 41 13-5
52	02 82 13 Asbestos Abatement		02 82 13-27
53			
54	<b>DIVISION 03 - CONCRETE</b>		
55	Section Title		
56	03 08 00 Commissioning of Concrete		03 08 00-10
57	03 30 00 Cast-In-Place Concrete		03 30 00-31

1	<b>DIVISION 04 - MASONRY</b>		
2	Section	Title	
3	04 08 00	Commissioning of Masonry	04 08 00-10
4	04 20 00	Unit Masonry	04 20 00-17
5	04 43 13	Stone Masonry Veneer	04 43 13-5
6			
7	<b>DIVISION 05 - METALS</b>		
8	Section	Title	
9	05 12 00	Structural Steel Framing	05 12 00-14
10	05 31 23	Steel Roof Decking	05 31 23-6
11	05 40 00	Cold-Formed Metal Framing	05 40 00-4
12	05 43 00	Slotted Channel Framing	05 43 00-3
13	05 50 00	Metal Fabrications	05 50 00-5
14	05 50 00.13	Metal Fabrications for Sitework	05 50 00.13-8
15	05 51 00	Metal Stairs	05 51 00-5
16	05 52 13	Pipe and Tube Railing	05 52 13-3
17			
18	<b>DIVISION 06 – WOOD, PLASTICS AND COMPOSITES</b>		
19	Section	Title	
20	06 10 00	Rough Carpentry	06 10 00-5
21	06 10 53.01	Miscellaneous Rough Carpentry – Roofing	06 10 53.01-2
22	06 41 00	Architectural Woodwork	06 41 00-12
23			
24	<b>DIVISION 07 - THERMAL AND MOISTURE PROTECTION</b>		
25	Section	Title	
26	07 08 00	Commissioning of Thermal and Moisture Protection	07 08 00-18
27	07 10 16	Waterproofing for Utilities	07 10 16-5
28	07 13 00	Sheet Waterproofing	07 13 00-6
29	07 18 00	Traffic Coatings	07 18 00-3
30	07 21 00	Thermal Insulation	07 21 00-5
31	07 24 23	Direct-Applied Finish Systems	07 24 23-4
32	07 25 00	Weather Barriers	07 25 00-5
33	07 42 13	Metal Wall Panels	07 42 13-4
34	07 42 24	Aluminum Metal Plate Wall Panels	07 42 24-4
35	07 53 23	Ethylene-Propylene-Diene-Monomer Roofing	07 53 23-18
36	07 53 24	State of Wisconsin – Roofing System 5-yr Guarantee	07 53 24-2
37	07 63 00	Sheet Metal Roofing Specialties	07 63 00-8
38	07 72 00	Roof Accessories	07 72 00-5
39	07 81 00	Applied Fire Protection	07 81 00-4
40	07 84 00	Fire Stopping	07 84 00-9
41	07 92 00	Joint Sealants	07 92 00-7
42			
43	<b>DIVISION 08 - OPENINGS</b>		
44	Section	Title	
45	08 08 00	Commissioning of Exterior Building Envelope	08 08 00-6
46	08 11 13	Hollow Metal Doors and Frames	08 11 13-7
47	08 14 16	Flush Wood Doors	08 14 16-5
48	08 31 00	Access Doors and Panels	08 31 00-3
49	08 33 23	Overhead Coiling Doors	08 33 23-4
50	08 34 73	Sound Control Door Assemblies	08 34 73-5
51	08 34 83	Elevator Door Smoke Containment System	08 34 83-3
52	08 35 13.23	Accordion Folding Fire Doors	08 35 13.23-4
53	08 41 23	Fire Rated Storefront	08 41 23-5
54	08 43 13	Aluminum-Framed Storefronts	08 43 13-7
55	08 44 13	Glazed Aluminum Curtain Walls	08 44 13-9
56	08 71 00	Door Hardware	08 71 00-42
57	08 71 15	Low-Energy Automatic Door Operators	08 71 15-4

1	08 79 13	Key Storage Equipment	08 79 13-2
2	08 80 00	Glazing	08 80 00-8
3	08 91 00	Louvers	08 91 00-5
4			
5	<b>DIVISION 09 - FINISHES</b>		
6	Section	Title	
7	09 05 61	Common Work Results for Flooring Preparation	09 05 61-4
8	09 06 01	Finish Schedule	09 06 01-6
9	09 21 16	Gypsum Board Assemblies	09 21 16-9
10	09 30 00	Tiling	09 30 00-6
11	09 51 00	Acoustical Ceilings	09 51 00-5
12	09 65 00	Resilient Flooring	09 65 00-4
13	09 66 23	Resinous Matrix Terrazzo Flooring	09 66 23-5
14	09 67 00	Fluid-Applied Flooring	09 67 00-4
15	09 68 13	Tile Carpeting	09 68 13-3
16	09 72 00	Wall Covering	09 72 00-4
17	09 72 20	Decorative Thermoplastic Wall Covering	09 72 20-2
18	09 84 30	Sound-Absorbing Ceiling and Wall Units	09 84 30-3
19	09 90 00	Painting and Coating	09 90 00-7
20	09 91 16	Painting for Utilities	09 91 16-4
21			
22	<b>DIVISION 10 - SPECIALTIES</b>		
23	Section	Title	
24	10 11 00	Visual Display Boards	10 11 00-4
25	10 14 16	Building Dedication Plaque	10 14 16-3
26	10 21 13.19	Plastic Toilet Compartments	10 21 13.19-3
27	10 26 00	Wall and Door Protection	10 26 00-3
28	10 28 00	Toilet, Bath, and Laundry Accessories	10 28 00-4
29	10 44 00	Fire Protection Specialties	10 44 00-3
30			
31	<b>DIVISION 11 - EQUIPMENT</b>		
32	Section	Title	
33	11 06 00	Schedules for Equipment	11 06 00-3
34	11 08 00	Commissioning of Equipment	11 08 00-6
35	11 53 00	Laboratory Equipment	11 53 00-5
36	11 53 13	High Performance Laboratory Fume Hoods	11 53 13-17
37			
38	<b>DIVISION 12 - FURNISHINGS</b>		
39	Section	Title	
40	12 24 00	Window Shades	12 24 00-6
41	12 35 53	Wood Laboratory Casework	12 35 53-5
42	12 35 59	Display Case Glass Doors	12 35 59-3
43			
44	<b>DIVISION 14 - CONVEYING SYSTEMS</b>		
45	Section	Title	
46	14 08 00	Commissioning of Conveying Systems	14 08 00-3
47	14 21 20	Traction Elevators	14 21 20-19
48			
49	<b><u>VOLUME 3</u></b>		
50			
51	<b>DIVISION 21 – FIRE SUPPRESSION</b>		
52	Section	Title	
53	21 05 00	Common Work Results for Fire Protection	21 05 00-8
54	21 05 29	Hangers and Supports for Fire Protection Piping and Equipment	21 05 29-5
55	21 08 00	Commissioning of Fire Protection	21 08 00-14
56	21 10 00	Water-Based Fire Protection Systems	21 10 00-9
57			

1	<b>DIVISION 22 - PLUMBING</b>		
2	Section	Title	
3	22 05 00	Common Work Results for Plumbing	22 05 00-10
4	22 05 13	Common Motor Requirements for Plumbing	22 05 13-4
5	22 05 14	Plumbing Specialties	22 05 14-7
6	22 05 15	Piping Specialties	22 05 15-3
7	22 05 23	General Duty Valves for Plumbing Piping	22 05 23-8
8	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-6
9	22 07 00	Plumbing Insulation	22 07 00-7
10	22 08 00	Commissioning of Plumbing	22 08 00-120
11	22 10 13	Facility Fuel Piping	22 10 13-6
12	22 11 00	Facility Water Distribution	22 11 00-10
13	22 13 00	Facility Sanitary Sewerage	22 13 00-8
14	22 14 00	Facility Storm Drainage	22 14 00-7
15	22 15 13	General Service Compressed Air Piping	22 15 13-7
16	22 30 00	Plumbing Equipment	22 30 00-8
17	22 42 00	Commercial Plumbing Fixtures	22 42 00-8
18	22 60 00	Gas and Vacuum Systems for Laboratories and Healthcare Facilities	22 60 00-10
19	22 67 00	Processed Water Systems for Laboratories and Healthcare Facilities	22 67 00-19

20  
21 **VOLUME 4**  
22

23	<b>DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING</b>		
24	Section	Title	
25	23 05 00	Common Work Results for HVAC	23 05 00-8
26	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-4
27	23 05 14	Variable Frequency Drives	23 05 14-7
28	23 05 15	Piping Specialties	23 05 15-12
29	23 05 23	General Duty Valves for HVAC	23 05 23-10
30	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-6
31	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-6
32	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-6
33	23 07 00	HVAC Insulation	23 07 00-13
34	23 08 00	Commissioning of HVAC	23 08 00-222
35	23 09 14	Pneumatic and Electric Controls	23 09 14-23
36	23 09 15	Points List	23 09 15-46
37	23 09 16	Variable Volume Fume Hood Control System	23 09 16-11
38	23 09 24	Direct Digital Control System for HVAC (Informational Purposes Only)	23 09 24-15
39	23 09 93	Sequence of Operation for HVAC Controls	23 09 93-63
40	23 21 13	Hydronic Piping	23 21 13-12
41	23 21 23	Hydronic Pumps	23 21 23-5
42	23 22 13	Steam and Condensate Heating Piping	23 22 13-8
43	23 22 13.13	Underground Steam and Condensate Heating Piping	23 22 13.13-6
44	23 22 23	Steam Condensate Pumps	23 22 23-3
45	23 25 00	HVAC Water Treatment	23 25 00-7
46	23 31 00	HVAC Ducts and Casings	23 31 00-9
47	23 33 00	Air Duct Accessories	23 33 00-7
48	23 34 00	HVAC Fans	23 34 00-4
49	23 35 00	Shop Exhaust Systems	23 35 00-4
50	23 36 00	Air Terminal Units	23 36 00-7
51	23 37 13	Diffusers, Registers and Grilles	23 37 13-4
52	23 41 00	Particulate Air Filtration	23 41 00-3
53	23 57 00	Heat Exchangers for HVAC	23 57 00-2
54	23 64 15	Water Cooled Chillers	23 64 15-13
55	23 65 00	Cooling Towers	23 65 00-4
56	23 65 05	Drycoolers	23 65 05-3
57	23 72 00	Air-To-Air Energy Recovery Equipment	23 72 00-5

1	23 73 12	Air Handling Unit Coils	23 73 12-3
2	23 73 13	Modular Indoor Central-Station Air-Handling Units	23 73 13-6
3	23 73 23	Factory Fabricated Custom Air Handling Units	23 73 23-9
4	23 73 24	Factory Fabricated Custom Laboratory Energy Recovery Units	23 73 24-8
5	23 82 00	Heating and Cooling Terminal Units	23 82 00-4
6	23 84 13	Humidifiers	23 84 13-2

7

8 **VOLUME 5**

9

10 **DIVISION 26 - ELECTRICAL**

11	Section	Title	
12	26 05 00	Common Work Results for Electrical	26 05 00-8
13	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-4
14	26 05 13	Medium-Voltage Cables	26 05 13-6
15	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-7
16	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
17	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-6
18	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-4
19	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-12
20	26 05 34	Underground HDPE Pathways for Electrical Systems	26 05 34-5
21	26 05 36	Cable Trays for Electrical Systems	26 05 36-5
22	26 05 43	Underground Ducts and Raceways for Electrical Systems	26 05 43-4
23	26 05 44	Manholes	26 05 44-5
24	26 05 53	Identification for Electrical Systems	26 05 53-4
25	26 05 73	Short Circuit/Coordination Study and Arc Flash Risk Assessment	26 05 73-6
26	26 08 00	Commissioning of Electrical	26 08 00-89
27	26 09 19	Enclosed Contactors	26 09 19-2
28	26 09 28	Lighting Control Panels	26 09 28-7
29	26 09 43	Distributed Digital Lighting Controls	26 09 43-14
30	26 12 16	Medium-Voltage Transformers, Dry Type (Indoor)	26 12 16-4
31	26 13 02	Medium-Voltage Pad Mounted Switchgear (Outdoor)	26 13 02-5
32	26 13 16	Medium-Voltage Fusible Interrupter Switchgear	26 13 16-7
33	26 18 23	Medium-Voltage Surge Arresters	26 18 23-2
34	26 22 00	Low-Voltage Transformers	26 22 00-3
35	26 24 13	Switchboards	26 24 13-6
36	26 24 16	Panelboards	26 24 16-5
37	26 27 02	Equipment Wiring Systems	26 27 02-7
38	26 27 13	Electricity Metering	26 27 13-5
39	26 27 26	Wiring Devices	26 27 26-8
40	26 27 28	Disconnect Switches	26 27 28-2
41	26 27 29	Elevator Distribution Equipment	26 27 29-3
42	26 28 13	Fuses	26 28 13-1
43	26 28 16	Enclosed Switches and Circuit Breakers	26 28 16-3
44	26 29 00	Low-Voltage Controllers	26 29 00-4
45	26 32 13.13	Engine-Driven Generator Sets – Diesel	26 32 13.13-9
46	26 36 00	Transfer Switches	26 36 00-6
47	26 41 13.13	Lightning Protection for Buildings	26 41 13.13-3
48	26 43 13	Surge Protective Devices for Low-Voltage Electrical Power Circuits	26 43 13-3
49	26 51 13	Interior Lighting Fixtures, Lamps, And Ballasts	26 51 13-7
50	26 56 29	Site Lighting	26 59 29-6

51

52 **DIVISION 27 - COMMUNICATIONS**

53	Section	Title	
54	27 05 53	Identification for Communication Systems	27 05 53-7
55	27 08 00	Commissioning of Communications	27 08 00-19
56	27 10 00	Structured Cabling	27 10 00-32
57	27 11 00	Communications Room Equipment Fittings	27 11 00-6

1	27 11 13	Communications Protections	27 11 13-4
2	27 16 19	Communications Patch Cords, Station Cords and Cross-Connect Wire	27 16 19-4
3	27 41 00	Audio Video Systems	27 41 00-27
4	27 51 29	Two-way Emergency Communications Systems	27 51 29-6

5

6 **VOLUME 6**

7

8 **DIVISION 28 – ELECTRONIC SAFETY AND SECURITY**

9	Section	Title	
10	28 05 37	Emergency Responder Radio Coverage System	28 05 37-13
11	28 08 00	Security Detail	28 08 00-17
12	28 10 00	Access Control System	28 10 00-11
13	28 23 00	Video Surveillance System	28 23 00-8
14	28 31 00	Fire Detection and Alarm	28 31 00-37

15

16 **DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK**

17	Section	Title	
18	30 05 00	Common Work Results for Exterior Work	30 05 00-6

19

20 **DIVISION 31 - EARTHWORK**

21	Section	Title	
22	31 10 00	Site Clearing	31 10 00-2
23	31 13 00	Selective Tree and Shrub Removal and Transplanting	31 13 00-4
24	31 20 00	Earthmoving	31 20 00-8
25	31 22 16.15	Roadway Subgrade Preparation	31 22 16.15-4
26	31 23 16.13	Trenching	31 23 16.13-10
27	31 23 19	Dewatering	31 23 19-3
28	31 25 00	Erosion Control	31 25 00-4

29

30 **DIVISION 32 – EXTERIOR IMPROVEMENTS**

31	Section	Title	
32	32 11 23.33	Dense Graded Base	32 11 23.33-4
33	32 12 16.13	Plant Mix Asphalt Paving	32 12 16.13-3
34	32 13 00.01	Landscape Stone and Masonry	32 13 00.01-5
35	32 17 23	Pavement Markings	32 17 23-2
36	32 91 13	Soil Preparation	32 91 13-3
37	32 91 13.50	Stormwater Bioinfiltration	32 91 13.50-6
38	32 92 00	Plants	32 92 00-10
39	32 92 19	Seeding	32 92 19-3
40	32 97 01	Site Improvements	32 97 01-4

41

42 **DIVISION 33 – UTILITIES**

43	Section	Title	
44	33 05 23.13	Utility Horizontal Directional Drilling	33 05 23.13-6
45	33 08 00	Commissioning of Utilities	33 08 00-71
46	33 11 00	Water Utility Distribution Piping	33 11 00-14
47	33 30 00	Sanitary Sewerage Utilities	33 30 00-9
48	33 40 00	Storm Drainage Utilities	33 40 00-14
49	33 61 13	Chilled Water and Condenser Water Utilities	31 61 13-15
50	33 63 13	Hydronic Heating & Steam Utilities	33 63 13-2
51	33 65 00	Thermal Utilities	33 65 00-3

52

53

54

55

56

57

1	<b>DRAWINGS - Bound Separately</b>	
2	Title	Sheets Thru
3		
4	<b><u>VOLUME 1</u></b>	
5	Title Sheet	T101
6		
7	<b>CHILLER PLANT</b>	
8	First Level – Code Plan, Floor Plan and Roof Plan	XA101
9	Exterior Elevations	XA510
10	General Notes	XS301
11	General Information	XS302
12	Chiller Plant – Equipment Platform Plan	XS312
13	Framing Elevations	XS321
14	Steel and Miscellaneous Details	XS371
15	Chiller Plant – First Floor Demolition Plan	XM111
16	Chiller Plant – Roof Demolition Plan	XM121
17	Chiller Plant – First Floor Plan	XM211
18	Chiller Plant – Roof Plan	XM221
19	Chiller Plant – Mechanical Sections	XM500
20	Chiller Plant – Mechanical Details	XM600
21	Chiller Plant – Chilled and Condenser Water Flow Diagram	XM700
22	Chiller Plant – Miscellaneous Flow Diagrams	XM701
23	Chiller Plant – Mechanical Schedules	XM800
24	Chiller Plant – First Level Electrical Plan	XE211
25	Chiller Plant – Roof Level Electrical Plan	XE221
26	Chiller Plant – Power One Line Diagram	XE700
27	Chiller Plant – Electrical Equipment Schedule	XE801
28		
29	<b><u>VOLUME 2</u></b>	
30	Title Sheet	T102
31		
32	<b>FRONT END</b>	
33	First Level – Code Plan	A101
34	Second and Third Level – Code Plan	A102
35	Fourth Level - Code Plan & Section Diagram	A103
36	Control Areas – First and Second Levels	A111
37	Control Areas – Third Level	A112
38	First Level Zone 1 – Signage Plan	A121.1
39	First Level Zone 2 – Signage Plan	A121.2
40	Second Level Zone 1 – Signage Plan	A122.1
41	Second Level Zone 2 – Signage Plan	A122.2
42	Third Level Zone 1 – Signage Plan	A123.1
43	Third Level Zone 2 – Signage Plan	A123.2
44	Fourth Level Zone 1 – Signage Plan	A124.1
45	Fourth Level Zone 2 – Signage Plan	A124.2
46	Exterior Mock-Up	A140
47		
48	<b>ABATEMENT</b>	
49	Hagestad Hall Asbestos Abatement – Hall Basement	H101
50	Hagestad Hall Asbestos Abatement – 1 <sup>st</sup> Floor	H102
51	Hagestad Hall Asbestos Abatement – 2 <sup>nd</sup> Floor	H103
52	Hagestad Hall Asbestos Abatement – Tunnels	H104
53		
54	<b>CIVIL / LANDSCAPE</b>	
55	Overall Existing Conditions Plan	C001
56	Construction Phasing Diagram	C002
57	Site Preparation and Erosion Control Plan	C101

1	Site Preparation and Erosion Control Plan – Chilled Water	C102
2	Site Layout and Materials Plan	C103
3	Site Layout, Materials, Grading, and Utility Plan – Chilled Water	C104
4	Site Grading Plan	C105
5	Site Stormwater Management Plan	C106
6	Site Utility Plan	C107
7	Site Landscaping Plan	C108
8	Site Chilled Water Utility Plan and Profile	C200
9	Site Chilled Water Utility Plan and Profile and Details	C201
10	Site Steam and Condensate Plan and Profile	C202
11	Storm Sewer Profiles	C203
12	Site Power and Telecommunications Utility Plan and Profiles	C204
13	Site Chilled Water Utility Plan and Profile	C205
14	Site Chilled Water Utility Plan and Profile and Details	C206
15	Site Steam and Condensate Plan and Profile	C207
16	Site Details	C500
17	Site Details	C501
18	Erosion Control Details	C502
19	Utility Details	C503
20	Chilled Water Details	C504
21		
22	STRUCTURAL	
23	General Notes	S301
24	General Information	S302
25	Design Load Plans	S303
26	Design Load Plans	S304
27	Design Load Plans	S305
28	General Concrete Details	S306
29	General Foundation Details	S307
30	General Masonry Details	S308
31	General Roof Deck Details	S309
32	First Level Zone 1 – Foundation Plan	S311.1
33	First Level Zone 2 – Foundation Plan	S311.2
34	Second Level Zone 1 – Framing Plan	S312.1
35	Second Level Zone 1 – Additional Slab and Shear Reinforcement Plan	S312.1A
36	Second Level Zone 2 – Framing Plan	S312.2
37	Second Level Zone 2 – Additional Slab and Shear Reinforcement Plan	S312.2A
38	Third Level Zone 1 – Framing Plan	S313.1
39	Third Level Zone 1 – Additional Slab and Shear Reinforcement Plan	S313.1A
40	Third Level Zone 2 – Framing Plan	S313.2
41	Third Level Zone 2 – Additional Slab and Shear Reinforcement Plan	S313.2A
42	Fourth Level Zone 1 – Framing Plan	S314.1
43	Fourth Level Zone 1 – Additional Slab and Shear Reinforcement Plan	S314.1A
44	Fourth Level Zone 2 – Framing Plan	S314.2
45	Fourth Level Zone 1 – Additional Slab and Shear Reinforcement Plan	S314.2A
46	Penthouse Roof Zone 2 – Framing Plan	S315.1
47	Penthouse Roof Zone 2 – Framing Plan	S315.2
48	Enlarged Plans	S317
49	Enlarged Stair Plans	S318
50	Shear Wall Elevations – Elevator 1	S321
51	Shear Wall Elevations – Stair A	S322
52	Shear Wall Elevations – Elevator 2	S323
53	Shear Wall Elevations – Stair B	S324
54	Shear Wall Elevations – Stair C	S325
55	Framing Elevations	S326
56	Façade Support Elevations	S331
57	Façade Support Elevations	S332



1	Façade Support Elevations	S333
2	Façade Support Elevations	S334
3	Façade Support Elevations	S335
4	Façade Support – North Canopy	S336
5	Façade Support – South Canopy	S337
6	Façade Support Details	S341
7	Façade Support Details	S342
8	Façade Support Details	S343
9	Façade Support Details	S344
10	Concrete Details	S351
11	Concrete Details	S352
12	Concrete Details	S353
13	Concrete Details	S354
14	Steel Details	S371
15	Steel Details	S372
16	Steel and Miscellaneous Details	S373
17	Stair Details	S374
18	Stair Details	S375
19	Concrete Foundation and Column Schedules	S381
20	Concrete Joist and Beam Schedules	S382
21	Concrete Masonry Schedules	S383
22	Steel Column and Base Plate Schedule	S384
23		
24	<b><u>VOLUME 3</u></b>	
25	Title Sheet	T103
26		
27	ARCHITECTURAL	
28	First Level Zone 1 – Floor Plan	A411.1
29	First Level Zone 2 – Floor Plan	A411.2
30	Second Level Zone 1 – Floor Plan	A412.1
31	Second Level Zone 2 – Floor Plan	A412.2
32	Third Level Zone 1 – Floor Plan	A413.1
33	Third Level Zone 2 – Floor Plan	A413.2
34	Fourth Level Zone 1 – Floor Plan	A414.1
35	Fourth Level Zone 2 – Floor Plan	A414.2
36	First Level Zone 1 – Finish Plan	A421.1
37	First Level Zone 2 – Finish Plan	A421.2
38	Second Level Zone 1 – Finish Plan	A422.1
39	Second Level Zone 2 – Finish Plan	A422.2
40	Third Level Zone 1 – Finish Plan	A423.1
41	Third Level Zone 2 – Finish Plan	A423.2
42	Penthouse Level Zone 1 – Finish Plan	A424.1
43	Penthouse Level Zone 2 – Finish Plan	A424.2
44	First Level Zone 1 – Reflected Ceiling Plan	A431.1
45	First Level Zone 2 – Reflected Ceiling Plan	A431.2
46	Second Level Zone 1 – Reflected Ceiling Plan	A432.1
47	Second Level Zone 2 – Reflected Ceiling Plan	A432.2
48	Third Level Zone 1 – Reflected Ceiling Plan	A433.1
49	Third Level Zone 2 – Reflected Ceiling Plan	A433.2
50	Fourth Level Zone 1 – Reflected Ceiling Plan	A434.1
51	Fourth Level Zone 2 – Reflected Ceiling Plan	A434.2
52	First Level Zone 1 – Floor Pattern Plan	A441.1
53	First Level Zone 2 – Floor Pattern Plan	A441.2
54	Second Level Zone 1 – Floor Pattern Plan	A442.1
55	Second Level Zone 2 – Floor Pattern Plan	A442.2
56	Third Level Zone 1 – Floor Pattern Plan	A443.1
57	Third Level Zone 2 – Floor Pattern Plan	A443.2

1	Partition Types	A450
2	Roof Plan and Roof Details	A500
3	Exterior Elevations	A510
4	Exterior Elevations	A511
5	Exterior Elevations	A512
6	Exterior Elevations	A513
7	Opening Schedule	A520
8	Door Panel and Frame Types	A521
9	Storefront Types	A522
10	Curtain Wall Types and Mullion Profiles	A523
11	Curtain Wall Types	A524
12	Curtain Wall Types	A525
13	Louver Types and Wall Types	A527
14	Building Sections	A530
15	Wall Sections	A540
16	Wall Sections	A541
17	Wall Sections	A542
18	1/4" Stair A Plans and Sections	A550
19	1/4" Stair B Plans and Sections	A551
20	1/4" Stair C Plans and Sections	A552
21	1/4" Stair D and E Plans and Sections	A553
22	1/4" Stair E Plans and Sections	A554
23	1/4" Elevator Plans and Sections	A555
24	Stair Details	A556
25	Exterior Details	A560
26	Exterior Details	A561
27	Exterior Details	A562
28	Exterior Details	A563
29	Exterior Details	A564
30	Exterior Details	A565
31	Exterior Details	A566
32	Mounting Heights and Interior Elevation Notes	A600
33	1/4" Toilet Plans and Elevations	A602
34	Typical Lab Casework Elevations	A610
35	First Level Zone 1 – Aquatics and Specimen and Herbarium Storage	A611
36	First Level Zone 1 – Flexible Teaching 2 – Ecology	A612
37	First Level Zone 1 – Flex Teaching Bio, Prep, Flex Support and Flex Teaching General Bio	A613
38	First Level Zone 2 – Imaging Suite	A614
39	First Level Zone 2 – Project Lab 4 – Rockets and Biophysics and Optics Lasers Research	A615
40	First Level Zone 1 – Field Storage, Head House, Grow Chamber – Aquatics and Grow Chamber	A617
41	First Level Zone 1 – Environmental Bio – Research	A618
42	First Level Zone 1 – Gen Chem 2	A620
43	First Level Zone 1 – SATL Prep and Gen Chem 1	A621
44	First Level Zone 2 – Project Lab 2 – Capstone Projects and Condensed Matter Instrumentation	A622
45	First Level Zone 2 – Makers Space	A623
46	First Level Zone 2 – Classroom – Presentation Room – VR	A624
47	Second Level Zone 1 – Storage Dept. and Bio Prep	A625
48	Second Level Zone 1 – Cell-Dev Research and Culture Teaching	A626
49	Second Level Zone 1 – Biochem Molecular Lab and Molecular Support	A627
50	Second Level Zone 1 – Biochem Research and Coldroom C4	A628
51	Second Level Zone 2 – Studio Lab 2 – Physics Intro and Studio Lab 3 – Physics Intermediate	A629
52	Second Level Zone 2 – Project lab 3 – Electronics and Robotics and Project Lab 5 – Astrophysics	A630
53	Second Level Zone 1 – Biochem Instrument	A631
54	Second Level Zone 2 – Peer Learning, Computer Room, and Physics and Biology Commons	A632
55	Second Level Zone 2 – Micro-Virology Research	A633
56	Second Level Zone 2 – Micro Prep	A634
57	Second Level Zone 2 – A&P Lab and Storage Enlarged Floor Plans	A635

1	Second Level Zone 2 – A&P Lab and Storage Interior Elevations	A636
2	Third Level Zone 1 – Glassware and Prep-Stock	A637
3	Third Level Zone 1 – Organic Lab	A638
4	Third Level Zone 1 – Organic Instruments and Chromatography	A639
5	Third Level Zone 1 – Organic Research	A640
6	Third Level Zone 1 – Social Behavior	A641
7	Third Level Zone 2 – Flex Lab 4 – Neuroscience and Behavior Observation	A642
8	Third Level Zone 2 – Research, Storage, and IRB Storage and Vivarium	A643
9	Third Level Zone 2 – Peer Learning and Data Analysis – Computer, Chemistry & Psych Commons	A644
10	Third Level Zone 2 – Advanced Chem – Teaching Lab	A645
11	Third Level Zone 2 – Advanced Chemistry Research	A647
12	Third Level Zone 2 – Studio Lab 1 – Psychology and Studio Lab 4	A648
13	Equipment Schedules – Biology	A655
14	Equipment Schedules – Biology	A656
15	Equipment Schedules – Biology	A657
16	Equipment Schedules – Biology	A658
17	Equipment Schedules – Chemistry	A659
18	Equipment Schedules – Chemistry	A660
19	Equipment Schedules – Chemistry	A661
20	Equipment Schedules – Chemistry	A662
21	Equipment Schedules – Physics	A663
22	Equipment Schedules – Physics	A664
23	Equipment Schedules – Physics, Psychology	A665
24	Interior Elevations	A670
25	Interior Elevations	A671
26	Interior Details	A680
27	Interior Details	A681
28	Interior Details	A682
29	Interior Details	A683
30	Ceiling Details	A690
31		
32	<b><u>VOLUME 4</u></b>	
33	Title Sheet	T104
34		
35	<b>PLUMBING</b>	
36	Plumbing Symbols & Abbreviations	P000
37	Plumbing Water Calculations	P001
38	Underfloor Overall – Plumbing Plan	P410
39	Underfloor Zone 1A – Plumbing Plan	P410.1A
40	Underfloor Zone 1B – Plumbing Plan	P410.1B
41	Underfloor Zone 2A – Plumbing Plan	P410.2A
42	Underfloor Zone 2B – Plumbing Plan	P410.2B
43	Underfloor Zone 2C – Plumbing Plan	P410.2C
44	First Level Overall – Plumbing Plan	P411
45	First Level Zone 1A – Plumbing Plan	P411.1A
46	First Level Zone 1B – Plumbing Plan	P411.1B
47	First Level Zone 2A – Plumbing Plan	P411.2A
48	First Level Zone 2B – Plumbing Plan	P411.2B
49	First Level Zone 2C – Plumbing Plan	P411.2C
50	Second Level Overall – Plumbing Plan	P412
51	Second Level Zone 1A – Plumbing Plan	P412.1A
52	Second Level Zone 1B – Plumbing Plan	P412.1B
53	Second Level Zone 2A – Plumbing Plan	P412.2A
54	Second Level Zone 2B – Plumbing Plan	P412.2B
55	Second Level Zone 2C – Plumbing Plan	P412.2C
56	Third Level Overall – Plumbing Plan	P413
57	Third Level Zone 1A – Plumbing Plan	P413.1A

1	Third Level Zone 1B – Plumbing Plan	P413.1B
2	Third Level Zone 2A – Plumbing Plan	P413.2A
3	Third Level Zone 2B – Plumbing Plan	P413.2B
4	Third Level Zone 2C – Plumbing Plan	P413.2C
5	Penthouse Level Overall – Plumbing Plan	P414
6	Penthouse Level Zone 1A – Plumbing Plan	P414.1A
7	Penthouse Level Zone 1B – Plumbing Plan	P414.1B
8	Penthouse Level Zone 2A – Plumbing Plan	P414.2A
9	Penthouse Level Zone 2B – Plumbing Plan	P414.2B
10	Penthouse Level Zone 2C – Plumbing Plan	P414.2C
11	Roof Overall – Plumbing Plan	P415
12	Roof Zone 1A – Plumbing Plan	P415.1A
13	Roof Zone 1B – Plumbing Plan	P415.1B
14	Roof Zone 2A – Plumbing Plan	P415.2A
15	Roof Zone 2B – Plumbing Plan	P415.2B
16	Roof Zone 2C – Plumbing Plan	P415.2C
17	Enlarged Plans	P500
18	Plumbing Details	P600
19	Plumbing Details	P601
20	Plumbing Details	P602
21	Plumbing Details	P603
22	Plumbing Details	P604
23	Building Water Flow Diagram	P700
24	High Purity Water Flow Diagram	P701
25	Compressed Air Flow Diagram	P702
26	Natural Gas Flow Diagram	P703
27	Compressed Air Flow Diagram	P704
28	Lab Gases Flow Diagram	P705
29	Domestic Water Isometric	P800
30	Domestic Water Isometric	P801
31	Domestic Water Isometric	P802
32	Domestic Water Isometric	P803
33	Sanitary Waste & Vent Isometric	P804
34	Sanitary Waste & Vent Isometric	P805
35	Acid Waste & Vent Isometric	P806
36	Acid Waste & Vent Isometric	P807
37	Acid Waste & Vent Isometric	P808
38	Storm & Overflow Isometric	P809
39	Storm & Overflow Isometric - West	P810
40	Storm & Overflow Isometric - Central	P811
41	Storm & Overflow Isometric – East - Upper	P812
42	Storm & Overflow Isometric – East - Lower	P813
43	Plumbing Schedules	P900
44		
45	FIRE PROTECTION	
46	Fire Protection Symbols and Abbreviations	F000
47	First Level Zone 1 – Fire Protection Plan	F411.1
48	First Level Zone 2 – Fire Protection Plan	F411.2
49	Second Level Zone 1 – Fire Protection Plan	F412.1
50	Second Level Zone 2 – Fire Protection Plan	F412.2
51	Third Level Zone 1 – Fire Protection Plan	F413.1
52	Third Level Zone 2 – Fire Protection Plan	F413.2
53	Penthouse Zone 1 – Fire Protection Plan	F414.1
54	Penthouse Zone 2 – Fire Protection Plan	F414.2
55	Roof Zone 1 – Fire Protection Plan	F415.1
56	Roof Zone 2 – Fire Protection Plan	F415.2
57	Fire Protection Details	F600

1	Fire Protection Details	F601
2	Fire Protection Flow Diagram	F700
3		
4	<b><u>VOLUME 5</u></b>	
5	Title Sheet	T105
6		
7	<b>MECHANICAL</b>	
8	Mechanical, Symbols & Abbreviations	M000
9	First Level Overall – Mechanical Plan	M411
10	Second Level Overall – Mechanical Plan	M412
11	Third Level Overall – Mechanical Plan	M413
12	Underfloor Overall - Mechanical Piping Plan	M420
13	First Level Overall – Mechanical Piping Plan	M421
14	Second Level Overall – Mechanical Piping Plan	M422
15	Third Level Overall – Mechanical Piping Plan	M423
16	Fourth Level Overall – Mechanical Piping Plan	M424
17	Fourth Level Overall – Mechanical Plan	M414
18	First Level Zone 1A – Mechanical Ductwork Plan	M411.1A
19	First Level Zone 1B – Mechanical Ductwork Plan	M411.1B
20	First Level Zone 2A – Mechanical Ductwork Plan	M411.2A
21	First Level Zone 2B – Mechanical Ductwork Plan	M411.2B
22	First Level Zone 2C – Mechanical Ductwork Plan	M411.2C
23	Second Level Zone 1A – Mechanical Ductwork Plan	M412.1A
24	Second Level Zone 1B – Mechanical Ductwork Plan	M412.1B
25	Second Level Zone 2A – Mechanical Ductwork Plan	M412.2A
26	Second Level Zone 2B – Mechanical Ductwork Plan	M412.2B
27	Second Level Zone 2C – Mechanical Ductwork Plan	M412.2C
28	Third Level Zone 1A – Mechanical Ductwork Plan	M413.1A
29	Third Level Zone 1B – Mechanical Ductwork Plan	M413.1B
30	Third Level Zone 2A – Mechanical Ductwork Plan	M413.2A
31	Third Level Zone 2B – Mechanical Ductwork Plan	M413.2B
32	Third Level Zone 2C – Mechanical Ductwork Plan	M413.2C
33	Penthouse Level Zone 1A – Mechanical Ductwork Plan	M414.1A
34	Penthouse Level Zone 1B – Mechanical Ductwork Plan	M414.1B
35	Penthouse Level Zone 2A – Mechanical Ductwork Plan	M414.2A
36	Penthouse Level Zone 2B – Mechanical Ductwork Plan	M414.2B
37	Penthouse Level Zone 2C – Mechanical Ductwork Plan	M414.2C
38	Underfloor Zone 2B – Mechanical Piping Plan	M420.2B
39	First Level Zone 1A – Mechanical Piping Plan	M421.1A
40	First Level Zone 1B – Mechanical Piping Plan	M421.1B
41	First Level Zone 2A – Mechanical Piping Plan	M421.2A
42	First Level Zone 2B – Mechanical Piping Plan	M421.2B
43	First Level Zone 2C – Mechanical Piping Plan	M421.2C
44	Second Level Zone 1A – Mechanical Piping Plan	M422.1A
45	Second Level Zone 1B – Mechanical Piping Plan	M422.1B
46	Second Level Zone 2A – Mechanical Piping Plan	M422.2A
47	Second Level Zone 2B – Mechanical Piping Plan	M422.2B
48	Second Level Zone 2C – Mechanical Piping Plan	M422.2C
49	Third Level Zone 1A – Mechanical Piping Plan	M423.1A
50	Third Level Zone 1B – Mechanical Piping Plan	M423.1B
51	Third Level Zone 2A – Mechanical Piping Plan	M423.2A
52	Third Level Zone 2B – Mechanical Piping Plan	M423.2B
53	Third Level Zone 2C – Mechanical Piping Plan	M423.2C
54	Penthouse Level Zone 1A – Mechanical Piping Plan	M424.1A
55	Penthouse Level Zone 1B – Mechanical Piping Plan	M424.1B
56	Penthouse Level Zone 2A – Mechanical Piping Plan	M424.2A
57	Penthouse Level Zone 2B – Mechanical Piping Plan	M424.2B

1	Mechanical Sections	M500
2	Mechanical Sections	M501
3	Mechanical Sections	M502
4	Mechanical Sections	M503
5	Mechanical Sections	M504
6	Mechanical Sections	M505
7	Mechanical Sections	M506
8	Mechanical Sections	M507
9	Mechanical Sections	M508
10	First Level – Mechanical Space Pressurization & Airflows Plan	M510
11	Second Level – Mechanical Space Pressurization & Airflows Plan	M511
12	Third Level – Mechanical Space Pressurization & Airflows Plan	M512
13	Mechanical Details	M600
14	Mechanical Details	M601
15	Mechanical Details	M602
16	Mechanical Details	M603
17	Mechanical Details	M604
18	Mechanical Details	M605
19	Mechanical Details	M606
20	Mechanical Details	M607
21	Mechanical Details	M608
22	Mechanical Details	M609
23	Mechanical Details	M610
24	Mechanical Details	M611
25	Mechanical Flow Diagrams Symbols and Abbreviations	M700
26	BAS Control System Architecture (New Building)	M701
27	BAS Control System Architecture (Existing Chilled Water Plant)	M702
28	Steam and Steam Condensate Flow Diagram	M710
29	Heating and Hot Water Flow Diagrams	M711
30	Campus Chilled Water Flow Diagram	M712
31	Process Chilled Water Flow Diagram	M713
32	Heat Reclaim Water Flow Diagram	M714
33	AHU-1A & AHU-1B Flow Diagram	M720
34	AHU-1C & AHU-1D Flow Diagram	M721
35	Building Exhaust Flow Diagrams	M722
36	Return Fan Flow Diagram	M723
37	Miscellaneous HVAC Flow Diagrams	M724
38	Room HVAC Flow Diagrams	M730
39	Room HVAC Flow Diagrams	M731
40	Room HVAC Flow Diagrams	M732
41	Mechanical Schedules	M800
42	Mechanical Schedules	M801
43	Mechanical Schedules	M802
44	Mechanical Schedules	M803
45	Mechanical Schedules	M804
46	Mechanical Schedules	M805
47	Mechanical Schedules	M806
48	Mechanical Schedules	M807
49	Mechanical Schedules	M808
50	Mechanical Schedules	M809
51	Mechanical Schedules	M810
52	Mechanical Schedules	M811
53	Mechanical – Steam and Condensate Site Plan	M900
54		
55		
56		
57		

1	<b><u>VOLUME 6</u></b>	
2	Title Sheet	T106
3		
4	<b>ELECTRICAL</b>	
5	Electrical Symbols and Abbreviations	E000
6	Electrical Site Power Plan	E100
7	Electrical Site Lighting Plan	E101
8	Electrical Campus Demolition Medium Voltage One-Line Diagram	E102
9	Electrical Campus New Medium Voltage One-Line Diagram	E103
10	Electrical Site Power Details	E104
11	Electrical Site Power Details	E105
12	First Level Zone 1 - Electrical Lighting Plan	E411.1
13	First Level Zone 2 - Electrical Lighting Plan	E411.2
14	Second Level Zone 1 - Electrical Lighting Plan	E412.1
15	Second Level Zone 2 - Electrical Lighting Plan	E412.2
16	Third Level Zone 1 - Electrical Lighting Plan	E413.1
17	Third Level Zone 2 - Electrical Lighting Plan	E413.2
18	Penthouse Zone 1 - Electrical Lighting Plan	E414.1
19	Penthouse Zone 2 - Electrical Lighting Plan	E414.2
20	First Level Zone 1 – Electrical Lighting Emergency Egress Calculation	ELC411.1
21	First Level Zone 2 – Electrical Lighting Emergency Egress Calculation	ELC411.2
22	Second Level Zone 1 – Electrical Lighting Emergency Egress Calculation	ELC412.1
23	Second Level Zone 2 – Electrical Lighting Emergency Egress Calculation	ELC412.2
24	Third Level Zone 1 – Electrical Lighting Emergency Egress Calculation	ELC413.1
25	Third Level Zone 2 – Electrical Lighting Emergency Egress Calculation	ELC413.2
26	Fourth Level Zone 1 – Electrical Lighting Emergency Egress Calculation	ELC414.1
27	Fourth Level Zone 2 – Electrical Lighting Emergency Egress Calculation	ELC414.2
28	Underground Overall – Electrical Grounding Plan	E420
29	First Level Zone 1 - Electrical Power Plan	E421.1
30	First Level Zone 2 - Electrical Power Plan	E421.2
31	Second Level Zone 1 - Electrical Power Plan	E422.1
32	Second Level Zone 2 - Electrical Power Plan	E422.2
33	Third Level Zone 1 - Electrical Power Plan	E423.1
34	Third Level Zone 2 - Electrical Power Plan	E423.2
35	Penthouse Zone 1 - Electrical Power Plan	E424.1
36	Penthouse Zone 2 - Electrical Power Plan	E424.2
37	First Level Zone 1 - Electrical Systems Plan	E431.1
38	First Level Zone 2 - Electrical Systems Plan	E431.2
39	Second Level Zone 1 - Electrical Systems Plan	E432.1
40	Second Level Zone 2 - Electrical Systems Plan	E432.2
41	Third Level Zone 1 - Electrical Systems Plan	E433.1
42	Third Level Zone 2 - Electrical Systems Plan	E433.2
43	Penthouse Zone 1 - Electrical Systems Plan	E434.1
44	Penthouse Zone 2 - Electrical Systems Plan	E434.2
45	Enlarged Plans – Electrical Rooms	E500
46	Enlarged Plans – Telecom Rooms	E501
47	Enlarged Plans – Lighting	E502
48	Enlarged Plans – Lighting	E503
49	Electrical Lighting Sections	E510
50	Electrical Details	E600
51	Electrical Details	E601
52	Electrical Details	E602
53	Electrical Details	E603
54	Electrical Details	E604
55	Electrical Details	E605
56	Electrical Details	E606
57	Electrical Normal Power Riser Diagram	E700

1	Electrical Emergency Standby Power Riser Diagram	E701
2	Electrical Grounding Riser Diagram	E702
3	Fire Alarm Riser Diagram	E703
4	Electrical Conduit and Wire Schedules	E800
5	Electrical Equipment Schedule	E801
6	Luminaire Schedule	E802
7	Luminaire Schedule	E803
8	Luminaire Control Schedules	E804
9	Fire Alarm Matrix	E805
10	Electrical Panel Schedules – Level 1	E820
11	Electrical Panel Schedules – Level 1	E821
12	Electrical Panel Schedules – Level 1	E822
13	Electrical Panel Schedules – Level 1	E823
14	Electrical Panel Schedules – Level 2	E824
15	Electrical Panel Schedules - Level 2	E825
16	Electrical Panel Schedules – Level 2	E826
17	Electrical Panel Schedules – Level 3	E827
18	Electrical Panel Schedules – Level 3	E828
19	Electrical Panel Schedules – Level 3	E829
20	Electrical Panel Schedules - Penthouse	E830
21	Electrical Panel Schedules - Penthouse	E831
22		
23	<b><u>VOLUME 7</u></b>	
24	Title Sheet	T107
25		
26	<b>AUDIOVISUAL</b>	
27	Audiovisual Cover Sheet	TA-100
28	Audiovisual Schedules	TA-101
29	First Level – Audiovisual Plan Zone 1	TA-411.1
30	First Level – Audiovisual Plan Zone 2	TA-411.2
31	Second Level – Audiovisual Plan Zone 1	TA-412.1
32	Second Level – Audiovisual Plan Zone 2	TA-412.2
33	Third Level – Audiovisual Plan Zone 1	TA-413.1
34	Third Level – Audiovisual Plan Zone 2	TA-413.2
35	First Level – Audiovisual Reflected Ceiling Plan Zone 1	TA-431.1
36	First Level – Audiovisual Reflected Ceiling Plan Zone 2	TA-431.2
37	Second Level – Audiovisual Reflected Ceiling Plan Zone 1	TA-432.1
38	Second Level – Audiovisual Reflected Ceiling Plan Zone 2	TA-432.2
39	Third Level – Audiovisual Reflected Ceiling Plan Zone 1	TA-433.1
40	Third Level – Audiovisual Reflected Ceiling Plan Zone 2	TA-433.2
41	First Level – Audiovisual Elevations Zone 1	TA441.11
42	First Level – Audiovisual Elevations Zone 1	TA441.12
43	First Level – Audiovisual Elevations Zone 2	TA441.21
44	First Level – Audiovisual Elevations Zone 2	TA441.22
45	Second Level – Audiovisual Elevations Zone 1	TA442.11
46	Second Level – Audiovisual Elevations Zone 1	TA442.12
47	Second Level – Audiovisual Elevations Zone 2	TA442.21
48	Second Level – Audiovisual Elevations Zone 2	TA442.22
49	Second Level – Audiovisual Elevations Zone 2	TA442.23
50	Third Level – Audiovisual Elevations Zone 1	TA443.11
51	Third Level – Audiovisual Elevations Zone 2	TA443.21
52	Third Level – Audiovisual Elevations Zone 2	TA443.22
53	Audiovisual Details	TA461
54	Audiovisual Details	TA462
55	Audiovisual Signal Flow Diagrams	TA470.1
56	Audiovisual Signal Flow Diagrams	TA471
57	Audiovisual Signal Flow Diagrams	TA472



1	Audiovisual Signal Flow Diagrams	TA473
2	Audiovisual Signal Flow Diagrams	TA474
3	Audiovisual Signal Flow Diagrams	TA475
4	Audiovisual Signal Flow Diagrams	TA476
5	Audiovisual Signal Flow Diagrams	TA477
6	Audiovisual Signal Flow Diagrams	TA478
7	Audiovisual Signal Flow Diagrams	TA479
8	Audiovisual Riser Diagrams	TA481
9	Audiovisual Diagrams	TA700
10	Audiovisual Diagrams	TA701
11	Audiovisual Diagrams	TA702
12	Audiovisual Diagrams	TA703
13	Audiovisual Diagrams	TA704
14	Audiovisual Diagrams	TA705
15	Audiovisual Diagrams	TA706
16	Audiovisual Diagrams	TA707
17	Audiovisual Diagrams	TA708
18	Audiovisual Diagrams	TA709
19		
20	TELECOM	
21	Telecom Cover Sheet	TT-100
22	First Level – Telecom Plan Zone 1	TT-411.1
23	First Level – Telecom Plan Zone 2	TT-411.2
24	Second Level – Telecom Plan Zone 1	TT-412.1
25	Second Level – Telecom Plan Zone 2	TT-412.2
26	Third Level – Telecom Plan Zone 1	TT-413.1
27	Third Level – Telecom Plan Zone 2	TT-413.2
28	Fourth Level – Telecom Plan Zone 1	TT-414.1
29	Fourth Level – Telecom Plan Zone 2	TT-414.2
30	First Level – Telecom Reflected Ceiling Plan Zone 1	TT-431.1
31	First Level – Telecom Reflected Ceiling Plan Zone 2	TT-431.2
32	Second Level – Telecom Reflected Ceiling Plan Zone 1	TT-432.1
33	Second Level – Telecom Reflected Ceiling Plan Zone 2	TT-432.2
34	Third Level – Telecom Reflected Ceiling Plan Zone 1	TT-433.1
35	Third Level – Telecom Reflected Ceiling Plan Zone 2	TT-433.2
36	Telecom Enlarged Plans	TT-440
37	Telecom Enlarged Plans	TT-441
38	Telecom Riser Diagram	TT-450
39	Telecom Details	TT-460
40	Telecom Details	TT-461
41	Telecom Details	TT-462
42		
43	SECURITY	
44	Security Cover Sheet	TY-100
45	First Level – Security Plan Zone 1	TY-411.1
46	First Level – Security Plan Zone 2	TY-411.2
47	Second Level – Security Plan Zone 1	TY-412.1
48	Second Level – Security Plan Zone 2	TY-412.2
49	Third Level – Security Plan Zone 1	TY-413.1
50	Third Level – Security Plan Zone 2	TY-413.2
51	Fourth Level – Security Plan Zone 1	TY-414.1
52	Fourth Level – Security Plan Zone 2	TY-414.2
53	First Level – Security Reflected Ceiling Plan Zone 1	TY-431.1
54	First Level – Security Reflected Ceiling Plan Zone 2	TY-431.2
55	Security Enlarged Rooms	TY-440
56	Security Riser Plan	TY-441
57	Security Detail Pages	TY-451

1 Security Detail Pages  
2 Security Schedule Pages  
3 Security Schedule Pages  
4  
5  
6  
7  
8  
9

TY-452  
TY-461  
TY-462

\*\*\*