1 2	TABLE OF	CONTENTS MEP BIDDERS (Rev 1/2023)	
2	Division Pro	ect No. 19J4E-02	
4			
5			
6	DIVISION ()1 - MEP BIDDING REQUIREMENTS	Pages Thru
7	TITLE PAG		1
8	TABLE OF	CONTENTS	TC-29
9			
10		ING REQUIREMENTS	4.2
11 12	MEP Invitat	tions to Bidders	A-2 B-12
12		Mechanical, Electrical, Plumbing, and Fire Protection (MEP)	Б-12 С-7
13		Envelope Label	1
15		Electrical Plumbing and Fire Protection (MEP) Bid Bond Form (DOA-4189)	1
16		of Confidential and Proprietary Information Form (DOA-3027)	1
17	-		
18	DIVISION		
19	General Req		GR-19
20 21	01 32 50 01 33 00	Building Information Modeling Requirements Electronic Submittal Procedures	01 32 50-3 01 33 00-6
21		Substainable Design Reporting	01 33 29.02-4
23		Project Sustainability Goal Credit Summary	01 35 66.05-1
24		Sustainability Scorecard	4
25	01 35 66.12	Sustainability Certification Project Procedures	01 35 66.12-4
26	01 61 16	Volatile Organic Compound (VOC) Content Restrictions	01 61 16-5
27	01 74 19	Construction Waste Management	01 74 19-4
28 29	01 91 02 01 91 15	Commissioning Process Building Enclosure Commissioning Requirements	01 91 02-4 01 91 15-8
30	01 91 15	Bunding Enclosure Commissioning Requirements	01 91 15-0
31	APPENDIX	X #1 – GENERAL PRIME CONTRACTOR (GPC) BIDDING AND CONT	TRACT
32	DOCUMEN		
33		Form A - Affidavit of Compliance – MBE / DVB Provisions (DOA-4266)	2
34		Request for Submittal Approval (DOA-4523)	1
35		Request for Subcontractors Approval (DOA-4225)	1
36			
37 38		CONTRACT FORMS Performance Bond Form (DOA-4188)	2
39		Payment Bond Form (DOA-4187)	2
40		Contract Form (DOA-4504)	2
41			
42		CONDITIONS OF THE CONTRACT	
43		Index to the General Conditions	1
44		General Conditions of the General Prime Contractor Contract (DOA-4193P)	34
45		Supplementary General Conditions	SGC-1
46		Submittal Log	SL-27
47 48	VOLUME 2		
49	VOLUME 2	<u>2</u>	
50	DIVISION	02 – EXISTING CONDITIONS	
51	Section	Title	
52	02 32 00	Geo Technical Investigation	02 32 00-1
53		Design Phase Geotechnical Exploration Report	44
54	00.44.50	Supplemental Geotechnical Exploration Report	24
55 56	02 41 13	Demolition	02 41 13-7
56 57	02 83 50	Temporary Chain Link Fencing and Gates	02 83 50-3
51			

1	DIVISION	03 - CONCRETE	
2	Section	Title	
3	03 08 00	Commissioning of Concrete	03 08 00-6
4	03 10 00	Concrete Forming and Accessories	03 10 00-8
5	03 20 00	Concrete Reinforcing	03 20 00-5
6	03 30 00	Cast-In-Place Concrete	03 30 00-32
7	03 35 46	Concrete Topical Treatments	03 35 46-8
8	03 54 16	Hydraulic Cement Underlayment	03 54 16-5
9			
10	DIVISION	04 - MASONRY	
11	Section	Title	
12	04 08 00	Commissioning of Masonry	04 08 00-9
13	04 20 00	Unit Masonry	04 20 00-15
14	04 72 00	Cast Stone Masonry	04 72 00-5
15			
16		05 - METALS	
17	Section	Title	
18	05 12 00	Structural Steel Framing	05 12 00-8
19	05 31 00	Steel Decking	05 31 00-4
20	05 40 00	Cold-Formed Steel Framing	05 40 00-6
21	05 50 00	Metal Fabrications	05 50 00-5
22	05 51 00	Metal Stairs	05 51 00-6
23	05 51 33	Metal Ladders	05 51 33-3
24 25	05 53 20	Trench and Access Covers	05 53 20-3
25 26	05 58 13	Column Covers	05 58 13-4
26 27	05 70 00 05 71 00	Decorative Metal	05 70 00-10 05 71 00-7
27	03 /1 00	Decorative Metal Stairs	03 /1 00-7
28 29	DIVISION	06 – WOOD, PLASTICS AND COMPOSITES	
30	Section	Title	
31	06 10 53	Miscellaneous Rough Carpentry	06 10 53-6
32		Miscellaneous Rough Carpentry – Roofing	06 10 53.01-2
33	06 16 35.01	Gypsum Sheathing	06 16 43-3
34	06 40 00	Architectural Woodwork	06 40 00-22
35	06 42 16	Flush Wood Paneling	06 42 16-6
36			
37	DIVISION	07 - THERMAL AND MOISTURE PROTECTION	
38	Section	Title	
39	07 08 00	Commissioning of Thermal and Moisture Protection	07 08 00-23
40	07 10 16	Waterproofing for Utilities	07 10 16-2
41	07 13 00	Sheet Waterproofing	07 13 00-4
42	07 21 00	Thermal Insulation	07 21 00-6
43	07 21 19	Foamed-In-Place Insulation	07 21 19-2
44	07 26 00	Vapor Retarders	07 26 00-2
45	07 27 00	Air Barriers	07 27 00-4
46	07 42 13	Metal Wall Panels	07 42 13-4
47		Metal Plate Wall Panels	07 42 13.16-5
48	07 53 23	Ethylene-Propylene-Diene-Monomer Roofing	07 53 23 -16
49		State of Wisconsin 5 Year Roofing Guarantee	2
50	07 55 56	Fluid-Applied Protected Membrane Roofing	07 55 56-10
51		State of Wisconsin 5 Year Roofing Guarantee	2
52	07 61 13	Standing Seam Sheet Metal Roofing	07 61 13-14
53	07 (2.00)	State of Wisconsin 5 Year Roofing Guarantee	2
54	07 62 00	Sheet Metal Flashing and Trim	07 62 00-3
55 56	07 63 00	Sheet Metal Roofing Specialties	07 63 00-7
56	07 65 00	State of Wisconsin Metal Roofing/Wall Panel Guarantee	2
57	07 65 00	Flexible Flashing	07 65 00-3

1	07 72 00	Roof Accessories	07 72 00-4
2	07 81 00	Applied Fire Protection	07 81 00-4
3	07 81 23	Intumescent Fire Protection	07 81 23-4
4	07 84 00	Fire Stopping	07 84 00-9
5	07 91 00	Preformed Joint Seals	07 91 00-4
6	07 91 00.13	Preformed Exterior Joint Seals	07 91 00.13-2
7	07 92 00	Joint Sealants	07 92 00-7
8			
9	VOLUME 3	3	
10		-	
11	DIVISION	08 - OPENINGS	
12	Section	Title	
13	08 08 00	Commissioning of Exterior Building Envelope	08 08 00-6
14	08 11 13	Hollow Metal Doors and Frames	08 11 13-9
15	08 12 16	Aluminum Frames	08 12 16-6
16	08 14 16	Flush Wood Doors	08 12 10 0
17		Wood Sliding Barn Door Assemblies	08 14 73.20-6
18	08 17 00	Integrated Door Opening Assemblies	08 17 00-6
18 19	08 17 00	Access Doors and Frames	08 31 13-5
19 20			
20 21	08 32 13	Sliding Aluminum Framed Glass Barn Door Assemblies	08 32 13-6 08 32 14-5
	08 32 14	Sliding Aluminum Framed Glass Doors	
22	08 33 13	Interior Coiling Counter Doors	08 33 13-8
23	08 33 23	Overhead Coiling Doors	08 33 23-4
24	08 34 84	Fire Rated Elevator Smoke Containment System	08 34 84-5
25	08 41 11	Fire Rated Glazed Entrances and Partitions	08 41 11-9
26	08 41 28	Interior All-Glass Doors and Partitions	08 41 28-9
27	08 42 43	Intensive Care Unit-Critical Care Unit (ICU-CCU) Entrances	08 42 43-7
28	08 43 13	Aluminum-Framed Storefronts	08 43 13-6
29	08 44 13	Glazed Aluminum Curtain Walls	08 44 13-8
30	08 71 00	Door Hardware	08 71 00-46
31	08 80 00	Glazing	08 80 00-7
32	08 81 13	Interior Glazing	08 81 13-16
33	08 83 00	Mirrors	08 83 00-6
34	08 88 13	Fire-Resistant Glazing	08 88 13-8
35	08 91 00	Louvers	08 91 00-3
36			
37		09 – FINISHES	
38	Section	Title	
39	09 05 61	Moisture Vapor Emission Control	09 05 61-8
40	09 21 00	Gypsum Board Assemblies	09 21 00-28
41		Gypsum Board Shaft Wall Assemblies	09 21 16.23-4
42	09 30 00	Tiling	09 30 00-10
43	09 51 00	Acoustical Panel Ceilings	09 51 00-12
44	09 65 00	Resilient Flooring and Accessories	09 65 00-11
45	09 65 36	Static-Control Resilient Flooring	09 65 36-6
46	09 66 23	Resinous Matrix Terrazzo Flooring	09 66 23-8
47	09 67 23	Resinous Flooring	09 67 23-9
48	09 68 10	Carpeting	09 68 10-8
49	09 72 00	Wall Coverings	09 72 00-5
50	09 84 33	Sound-Absorbing Wall Units	09 84 33-5
51	09 84 36	Sound-Absorbing Ceiling Units	09 84 36-6
52	09 84 50	Mullion Trim Caps	09 84 50-5
53	09 91 06	Floor Sealer	09 91 06-2
54	09 91 13	Exterior Painting	09 91 13-4
55	09 91 23	Interior Painting	09 91 23-14
56	09 96 00	High-Performance Coatings	09 96 00-4
57			

1	DIVISION	10 – SPECIALTIES	
2	Section	Title	
3	10 11 00	Visual Display Units	10 11 00-4
4	10 11 46	Visual Display Fabrics	10 11 46-3
5	10 12 00	Display Cases	10 12 00-4
6	10 14 16	Building Dedication Plaque	10 14 16-3
7	10 14 43	Photoluminescent Signage	10 14 43-3
8	10 21 13	Toilet Compartments	10 21 13-4
9	10 21 23	Cubicle Curtains and Track	10 21 23-4
10	10 22 13	Wire Mesh Partitions	10 22 13-10
11	10 22 39	Folding Panel Partitions	10 22 39-6
12	10 22 39.13	Folding Glass-Panel Partitions	10 22 39.13-5
13	10 26 00	Wall and Door Protection	10 26 00-6
14	10 28 00	Toilet, Bath, and Laundry Accessories	10 28 00-5
15	10 44 13	Fire Protection Cabinets	10 44 13-4
16	10 44 16	Fire Extinguishers	10 44 16-3
17	10 51 20	Phenolic Lockers	10 51 20-6
18	10 56 13	Metal Storage Shelving	10 56 13-4
19	10 56 26	Mobile Storage Shelving	10 56 26-9
20			
21	VOLUME 4	<u>l</u>	
22		-	
23	DIVISION	11 - EQUIPMENT	
24	Section	Title	
25	11 08 00	Commissioning of Equipment	11 08 00-6
26	11 13 13	Loading Dock Bumpers	11 13 13-1
27	11 53 00	Laboratory Equipment	11 53 00-14
28	11 53 01	Laboratory Equipment Wall Panels	11 53 01-5
29	11 53 13	High Performance Laboratory Fume Hoods	11 53 13-30
30	11 53 19	Laboratory Sterilizer	11 53 19-10
31	11 53 20	Laboratory and Vivarium Washers	11 53 20-16
32	11 53 33	Laser Safety Equipment	11 53 33-5
33	11 53 43	Laboratory Service Fittings and Fixtures	11 53 43-26
34	11 53 53	Biological Safety Cabinets and Laminar Flow Benches	11 53 53-12
35	11 55 00	Nanoseam Planetarium Projection Dome and Cove Trough	11 55 00-6
36	11 55 13	Planetarium Projectors	11 55 13-11
37	11 55 19	Planetarium Cove Lighting	11 55 19-3
38	11 55 21	Planetarium Sound System	11 55 21-3
39	11 73 00	Patient Care Equipment	11 73 00-11
40	11 89 13	Davit Cranes	11 89 13-3
41			
42		12 - FURNISHINGS	
43	Section	Title	
44	12 22 00	Curtains and Drapes	12 22 00-5
45	12 22 16	Laser Curtain and Track	12 22 16-5
46	12 24 13	Roller Window Shades	12 24 13-8
47	12 35 53	Laboratory Casework and Other Furnishings	12 35 53-50
48	12 36 61.16	0 1	12 36 61.16-4
49	12 48 13	Entrance Floor Mats and Frames	12 48 13-2
50	12 61 00	Fixed Audience Seating	12 61 00-6
51			
52		13 - SPECIAL CONSTRUCTION	
53	Section	Title	
54	13 08 00	Commissioning of Special Exterior Construction	13 08 00-2
55	13 21 14	Controlled Environmental Rooms	13 21 14-19
56	13 21 15	Controlled Environmental Growth Rooms	13 21 15-17

1	13 34 13.13	Greenhouses	13 34 13.13-15
2	13 34 56	Observatories	13 34 56-1
3			
4	DIVISION	14 - CONVEYING SYSTEMS	
5	Section	Title	
6	14 08 00	Commissioning of Conveying Systems	14 08 00-3
7	14 21 20	Traction Elevators	14 21 20-19
8			
9		21 – FIRE SUPPRESSION	
10	Section	Title	
11	21 05 00	Common Work Results for Fire Suppression	21 05 00-8
12	21 05 29	Hangers and Supports for Fire Suppression Piping and Equipment	21 05 29-5
13	21 08 00	Commissioning of Fire Suppression	21 08 00-12
14	21 10 00	Water-Based Fire Suppression Systems	21 10 00-10
15	21 22 00	Inergen Clean Agent Suppression System	21 22 00-13
16 17	21 30 00	Fire Pumps	21 30 00-5
17 18	VOLUME 5		
19	<u>volume</u> :	2	
20	DIVISION	22 – PLUMBING	
20	Section	Title	
22	22 05 00	Common Work Results for Plumbing	22 05 00-10
23	22 05 13	Common Motor Requirements for Plumbing Equipment	22 05 13-4
24	22 05 14	Plumbing Specialties	22 05 14-7
25	22 05 15	Piping Specialties	22 05 15-3
26	22 05 23	General Duty Valves for Plumbing Piping	22 05 23-6
27	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-6
28	22 07 00	Plumbing Insulation	22 07 00-8
29	22 08 00	Commissioning of Plumbing	22 08 00-123
30	22 10 13	Facility Fuel Piping	22 10 13-6
31	22 11 00	Facility Water Distribution	22 11 00-10
32	22 13 00	Facility Sanitary Sewerage	22 13 00-8
33	22 14 00	Facility Storm Drainage	22 14 00-8
34	22 15 13	General Service Compressed-Air Piping	22 15 13-6
35	22 30 00	Plumbing Equipment	22 30 00-8
36	22 42 00	Commercial Plumbing Fixtures	22 42 00-6
37	22 60 00	Gas and Vacuum Systems for Laboratory and Healthcare Facilities	22 60 00-13
38	22 67 00	Processed Water Systems for Laboratory and Healthcare Facilities	22 67 00-15
39	DIVISION		
40		23 – HEATING, VENTILATING AND AIR CONDITIONING	
41 42	Section 23 05 00	Title Common Work Results for HVAC	23 05 00-8
42 43	23 05 00 23 05 13	Common Motor Requirements for HVAC Equipment	23 05 00-8
44	23 05 13 23 05 14	Variable Frequency Drives	23 05 13-4
45	23 05 14	Piping Specialties	23 05 14-0
46	23 05 23	General Duty Valves for HVAC	23 05 23-11
47	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-7
48	23 05 29	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-6
49	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-6
50	23 07 00	HVAC Insulation	23 07 00-13
51	23 08 00	Commissioning of HVAC	23 08 00-187
52			
53	VOLUME 6		
54		-	
55	23 09 14	Pneumatic and Electric Instrumentation and Control Devices for HVAC	23 09 14-28
56	23 09 15	DDC Input/Output Summary Table	23 09 15-73
57	23 09 16	Variable Volume Fume Hood Control System	23 09 16-10
		TC-5	

1	23 09 17	Air Quality Monitoring System	23 09 17-9
2	23 09 23	Direct Digital Control System for HVAC	23 09 23-15
3	23 09 93	Sequence of Operation for HVAC Controls	23 09 93-95
4	23 21 13	Hydronic Piping	23 21 13-12
5	23 21 23	Hydronic Pumps	23 21 23-4
6	23 22 13	Steam and Condensate Heating Piping	23 22 13-9
7	23 22 13.13	Underground Steam and Condensate Heating Piping	23 22 13.13-6
8	23 22 23	Steam Condensate Pumps	23 22 23-3
9	23 25 00	HVAC Water Treatment	23 25 00-6
10	23 31 00	HVAC Ducts and Casings	23 31 00-12
11	23 31 01	Plenum Housings	23 31 01-3
12	23 33 00	Air Duct Accessories	23 33 00-7
13	23 34 00	HVAC Fans	23 34 00-5
14	23 35 00	Shop Exhaust Systems	23 35 00-4
15	23 36 00	Air Terminal Units	23 36 00-6
16	23 37 13	Diffusers, Registers and Grilles	23 37 13-3
17	23 41 00	Particulate Air Filtration	23 41 00-3
18	23 57 00	Heat Exchangers for HVAC	23 57 00-2
19	23 64 15	Modular Water Cooled Chillers	23 64 15-7
20	23 65 05	Drycoolers	23 65 05-3
21	23 72 00	Air-to-Air Energy Recovery Equipment	23 72 00-3
22	23 73 12	Air Handling Unit Coils	23 73 12-4
23	23 73 13	Modular Indoor Central-Station Air-Handling Units	23 73 13-7
24	23 73 23	Factory Fabricated Custom Air Handling Units	23 73 23-9
25	23 73 24	Factory Fabricated Custom Laboratory Exhaust Energy Recovery Units	23 73 24-8
26	23 82 00	Heating and Cooling Terminal Units	23 82 00-4
27	23 84 13	Humidifiers	23 84 13-2
28		-	
29	<u>VOLUME 7</u>	<u>/</u>	
30 21	DIVISION		
31		26 – ELECTRICAL Title	
32 33	Section	Common Work Results for Electrical	26 05 00- 8
33 34	26 05 00 26 05 04	Cleaning, Inspection and Testing Electrical Equipment	26 05 00- 8
35	20 05 04 26 05 13	Medium-Voltage Cables	26 05 04-5 26 05 13-6
36	26 05 15 26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 13-0
37	26 05 17	Control-Voltage Electrical Power Cables	26 05 13-0
38	26 05 25	Grounding and Bonding for Electrical Systems	26 05 26-6
39	26 05 20	Hangers and Supports for Electrical Systems	26 05 20 0
40	26 05 29	Raceway and Boxes for Electrical Systems	26 05 33-12
41	26 05 36	Cable Trays for Electrical Systems	26 05 36-5
42	26 05 43	Underground Ducts and Raceways for Electrical Systems	26 05 43-4
43	26 05 44	Manholes	26 05 44-5
44	26 05 53	Identification for Electrical Systems	26 05 53-4
45	26 05 73	Short Circuit Coordination Study & Arc Flash Risk Assessment	26 05 73-6
46	26 08 00	Commissioning of Electrical	26 08 00-97
47	26 09 19	Enclosed Contactors	26 09 19-2
48	26 09 28	Lighting Control Panels	26 09 28-8
49	26 09 43	Distributed Digital Lighting Controls	26 09 43-14
50	26 12 16	Medium-Voltage Transformers, Dry-Type, (Indoor)	26 12 16-4
51	26 13 16	Medium-Voltage Fusible Interrupter Switchgear	26 13 16-6
52	26 18 23	Medium-Voltage Surge Arresters	26 18 23-2
53	26 22 00	Low-Voltage Transformers	26 22 00-3
54	26 24 13	Switchboards	26 24 13-5
55	26 24 16	Panelboards	26 24 16-5
56	26 27 02	Equipment Wiring Systems	26 27 02-5
57	26 27 13	Electricity Metering	26 27 13-6

1	26 27 26	Wiring Devices	26 27 26-7
2	26 27 28	Disconnect Switches	26 27 28-2
3	26 27 29	Elevator Distribution Equipment	26 27 29-3
4	26 28 13	Fuses	26 28 13-1
5	26 28 16	Enclosed Switches and Circuit Breakers	26 28 16-3
6	26 29 00	Low-Voltage Controllers	26 29 00-4
7	26 31 10	Photovoltaic Electric Generating System	26 31 10-4
8	26 32 13.13	Engine-Driven Generator Sets - Diesel	26 32 13.13-11
9	26 33 53	Static Uninterruptible Power Supply with Batter Energy Storage	26 33 53-14
10	26 36 00	Transfer Switches	26 36 00-6
11		Lightning Protection for Buildings	26 41 13.13-3
12	26 43 13	Surge Protective Devices for Low-Voltage Electrical Power Circuits	26 43 13-3
13	26 51 13	Interior Lighting Fixtures, Lamps, and Ballasts	26 51 13-7
14	26 56 29	Site Lighting	26 56 29-6
15	20 30 27	Site Eighting	20 30 27-0
16	DIVISION	27 – COMMUNICATIONS	
17	Section	Title	
18	27 05 33.41	Raceway and Boxes for Audio-Video Systems	27 05 33.41-4
19	27 05 53.41 27 05 53	Identification for Communications Systems	27 05 53-8
20	27 03 55 27 08 00	Commissioning of Communications	27 08 00-19
20	27 10 00	Structured Cabling	27 10 00-29
22	27 10 00 27 11 00	Communications Equipment Room Fittings	27 11 00-6
23	27 11 00 27 11 13	Communications Protection	27 11 00-0
23	27 16 19	Communications Protection Communications Ptch Cords, Work Area Cords, and Cross-Connect Wire	27 16 19-3
25	27 41 00	Audio Visual Systems	27 41 00-23
26	27 51 29	Two-Way Emergency Communication Systems	27 51 29-8
27	27 51 29	Two way Emergency communication systems	27 51 29 0
28	DIVISION	28 – ELECTRONIC SAFETY AND SECURITY	
29	Section	Title	
30	28 05 37	Emergency Responder Radio Coverage System	28 05 37-11
31	28 08 00	Commissioning of Electronic Safety and Security	28 08 00-17
32	28 10 00	Access Control System	28 10 00-9
33	28 23 00	Video Surveillance System	28 23 00-7
34	28 31 00	Fire Detection and Alarm	28 31 00-38
35		Air Sampling Smoke Detection System (Planetarium)	28 31 46.13-8
36		Air Sampling Smoke Detection System (High Performance Computer Room)	
37			
38	VOLUME 8	}	
39		-	
40	DIVISION	30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK	
41	Section	Title	
42	30 05 00	Common Work Results for Exterior Work	30 05 00-5
43			
44	DIVISION	31 - EARTHWORK	
45	Section	Title	
46	31 10 00	Site Clearing	31 10 00-2
47	31 13 16	Selective Tree and Shrub Protection, Pruning and Removals	31 13 16-10
48	31 20 00	Earthmoving	31 20 00-6
49		Pavement Subgrade Preparation	31 22 16.15-4
50	31 22 16.13	0 1	31 23 16.13-9
51	31 23 10.13 31 23 19	Dewatering	31 23 19-3
52	31 25 00	Erosion Control	31 25 00-5
53	31 62 16	Steel Pipe Piles	31 62 16-21
55 54	51 02 10		51 02 10-21
54 55	DIVISION	32 – EXTERIOR IMPROVEMENTS	
55 56	Section Section	Title	
50 57	32 11 22	Granular Subbase	32 11 22-3
51	54 11 44		52 11 22-5

1		Dense Graded Base	32 11 23.33-3
2		Plant Mix Asphalt Paving	32 12 16.13-3
3	32 13 13	Concrete Paving	32 13 13-4
4	32 14 40	Unit Paving	32 14 40-8
5	32 17 23	Pavement Markings	32 17 23-2
6	32 31 13	Chain Link Fencing and Gates	32 31 13-6
7	32 31 20	Exterior Handrails and Guardrails	32 31 20-7
8	32 32 20	Boulder Retaining Walls	32 32 20-4
9	32 36 00	Exterior Site Furnishings	32 36 00-5
10	32 84 00	Irrigation	32 84 00-25
11	32 91 13	Soil Preparation	32 91 13-5
12	32 91 13.50	Stormwater Bioinfiltration	32 91 13.50-5
13	32 92 00	Plants	32 92 00-14
14	32 92 19	Seeding	32 92 19-7
15			
16	DIVISION	33 – UTILITIES	
17	Section	Title	
18	33 07 00	Site Utility Board Insulation	33 07 00-2
19	33 08 00	Commissioning of Utilities	33 08 00-52
20	33 11 00	Water Distribution Utilities	33 11 00-12
21	33 30 00	Sanitary Sewerage Utilities	33 30 00-8
22	33 40 00	Storm Drainage Utilities	33 40 00-9
23	33 61 13	Chilled Water Utilities	33 61 13-16
24	33 65 00	Thermal Utilities	33 65 00-2
25			
26	DRAWING	S – Bound Separately	
27	Title		Sheets Thru
28	VOLUME 1	1	Sheets Thru
29		AWING - VOLUME 1	T011
30		INDEX - VOLUME 1	T011 T012
31		INDEX - VOLUME 1 INDEX - VOLUME 1	T012 T013
32	DRAWING	INDEX - VOLOME I	1015
32 33	CIVIL / SIT	ידי	
33 34			C010
34 35		SIGNAGE - BUILDING SITE	C010 C011
33 36		SIGNAGE - SOUTH	
	-	NG - BUILDING SITE	C020
37		AREA DEMOLITION AND RESTORATION - BUILDING SITE	C030
38		AREA DEMOLITION AND RESTORATION - SOUTH	C031
39 40		SITE PLAN - BUILDING SITE	C100
40		SITE PLAN - SOUTH	C101
41		ON PLAN - UTILITIES	C200
42		ON PLAN - SITE	C210
43		ON PLAN-IRRIGATION	C220
44	MATERIAL		C300
45	LAYOUT P		C301
46	GRADING		C400
47		PLAN - ENLARGEMENTS	C401
48		CONTROL PLAN - BUILDING SITE	C410
49		CONTROL PLAN - SOUTH	C411
50	UTILITY PI		C500
51		ROFILE - STEAM	C510
52		ROFILE - PRIMARY FEEDER	C511
53		ROFILE - EMERGENCY FEEDER	C512
54		ROFILE - SIGNAL AND SANITARY	C513
55		ROFILE - CHILLED WATER	C514
56		ROFILE - WATER MAIN	C515
57	UTILITY PI	ROFILE - STORM	C516

1	UTILITY PROFILE - STORM	C517
2	STEAM PITS - PATCHING AND WATERPROOFING	C520
3	PLANTING PLAN - OVERALL	C600
4	PLANTING PLAN ENLARGEMENT- ZONE 1	C601
5	PLANTING PLAN ENLARGEMENT- ZONE 2	C602
6	PLANTING PLAN ENLARGEMENT- ZONE 3	C603
7	PLANTING PLAN ENLARGEMENT -ZONE 4	C604
8	PLANT SCHEDULE - OVERALL	C605
9	IRRIGATION NOTES, LEGENDS & PLAN	C700
10	IRRIGATION TWO-WIRE LAYOUT	C701
11	CIVIL DETAILS	C900
12	CIVIL DETAILS	C901
13	CIVIL DETAILS	C902
14	LANDSCAPE DETAILS	C910
15	LANDSCAPE DETAILS	C911
16	LANDSCAPE DETAILS	C912
17	LANDSCAPE DETAILS	C913
18	LANDSCAPE DETAILS	C914
19	LANDSCAPE DETAILS	C915
20	LANDSCAPE DETAILS	C916
21	LANDSCAPE DETAILS	C917
22	LANDSCAPE DETAILS	C918
23	IRRIGATION DETAILS	C920
24	IRRIGATION DETAILS	C921
25		
26	STRUCTURAL	
27	STRUCTURAL NOTES	S001
28	SCHEDULES	S002
29	BEAM SCHEDULE	S003
30	JOIST SCHEDULE	S004
31	COLUMN SCHEDULE	S005
32	PILECAP DETAILS	S006
33	FOUNDATION PLAN OVERALL	S101
34	FOUNDATION PLAN - AREA A	S101A
35	FOUNDATION PLAN - AREA B	S101B
36	FOUNDATION PLAN - AREA C	S101C
37	SECOND FLOOR FRAMING - OVERALL	S102
38	SECOND FLOOR FRAMING PLAN - AREA A	S102A
39	SECOND FLOOR FRAMING PLAN - AREA B	S102B
40	SECOND FLOOR FRAMING PLAN - AREA C	S102C
41	THIRD FLOOR FRAMING - OVERALL	S103
42	THIRD FLOOR FRAMING PLAN - AREA A	S103A
43	THIRD FLOOR FRAMING PLAN - AREA B	S103B
44	THIRD FLOOR FRAMING PLAN - AREA C	S103C
45	FOURTH FLOOR FRAMING PLAN - OVERALL	S104
46	FOURTH FLOOR FRAMING PLAN - AREA A	S104A
47	FOURTH FLOOR FRAMING PLAN - AREA B	S104B
48	FOURTH FLOOR FRAMING PLAN - AREA C	S104C
49	FIFTH FLOOR FRAMING PLAN - OVERALL	S105
50	FIFTH FLOOR FRAMING PLAN - AREA A	S105A
51	FIFTH FLOOR FRAMING PLAN - AREA B	S105B
52	FIFTH FLOOR FRAMING PLAN - AREA C	S105C
53	SIXTH FLOOR FRAMING PLAN - OVERALL	S106
54	SIXTH FLOOR FRAMING PLAN - AREA A	S106A
55	SIXTH FLOOR FRAMING PLAN - AREA B	S106B
56	SIXTH FLOOR FRAMING PLAN - AREA C	S106C
57	ROOF FRAMING PLAN - OVERALL	S107

1	ROOF FRAMING PLAN - AREA A	S107A
2	ROOF FRAMING PLAN - AREA B	S107B
3	ROOF FRAMING PLAN - AREA C	S107C
4	BUILDING ELEVATIONS	S201
5	BUILDING ELEVATIONS	S202
6	SHEAR WALL ELEVATIONS	S400
7	SHEAR WALL ELEVATIONS	S401
8	SHEAR WALL ELEVATIONS	S402
9	SHEAR WALL ELEVATIONS	S403
10	SHEAR WALL ELEVATIONS	S404
11	SHEAR WALL ELEVATIONS	S405
12	STAIR A - ENLARGED PLANS	S406
13	STAIR A - SECTIONS	S407
14	ELEVATIONS	S500
15	ELEVATIONS	S501
16	FOUNDATION DETAILS	S800
17	FOUNDATION DETAILS	S801
18	FRAMING DETAILS	S810
19	FRAMING DETAILS	S811
20	FRAMING DETAILS	S820
21	FRAMING DETAILS	S821
22	FRAMING DETAILS	S822
23		
24		
25	VOLUME 2	
26	COVER DRAWING - VOLUME 2	T021
27	DRAWING INDEX - VOLUME 2	T022
28	DRAWING INDEX - VOLUME 2	T023
29		
30	ARCHITECTURAL	4.001
31	ABBREVIATIONS, SYMBOLS AND NOTES	A001
32	MOUNTING HEIGHTS AND ACCESSIBILITY CLEARANCE STANDARDS	A002
33	FIRST FLOOR CODE PLAN SECOND FLOOR CODE PLAN	A003
34 25	THIRD FLOOR CODE PLAN	A004 A005
35	FOURTH FLOOR CODE PLAN	
36	FIFTH FLOOR CODE PLAN	A006
37		A007
38	SIXTH FLOOR CODE PLAN ROOF CODE PLAN	A008
39 40	SITE CODE PLAN	A009
40 41	FIRST FLOOR PLAN - OVERALL	A010 A101
41	FIRST FLOOR PLAN - OVERALL FIRST FLOOR PLAN - AREA A	A101 A101A
43	FIRST FLOOR PLAN - AREA A	A101A A101B
43 44	FIRST FLOOR PLAN - AREA D	A101D A101C
44	SECOND FLOOR PLAN - OVERALL	A102
45 46	SECOND FLOOR PLAN - OVERALL SECOND FLOOR PLAN - AREA A	A102
40 47	SECOND FLOOR PLAN - AREA A SECOND FLOOR PLAN - AREA B	A102A
48	SECOND FLOOR PLAN - AREA D SECOND FLOOR PLAN - AREA C	A102B
49	THIRD FLOOR PLAN - OVERALL	A102C
49 50	THIRD FLOOR PLAN - OVERALL THIRD FLOOR PLAN - AREA A	A103
51	THIRD FLOOR PLAN - AREA B	A103A
52	THIRD FLOOR PLAN - AREA D	A103D
53	FOURTH FLOOR PLAN - OVERALL	A104
55 54	FOURTH FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - AREA A	A104
55	FOURTH FLOOR PLAN - AREA B	A104A
56	FOURTH FLOOR PLAN - AREA C	A104D
57	FIFTH FLOOR PLAN - OVERALL	A105

1	FIFTH FLOOR PLAN - AREA A	A105A
2	FIFTH FLOOR PLAN - AREA B	A105B
3	FIFTH FLOOR PLAN - AREA C	A105C
4	SIXTH FLOOR PLAN - OVERALL	A106
5	ROOF PLAN - OVERALL	A107
6	ROOF DRAIN PLAN - OVERALL	A108
7	FIRST FLOOR REFLECTED CEILING PLAN	A111
8	FIRST FLOOR REFLECTED CEILING PLAN - AREA A	A111A
9	FIRST FLOOR REFLECTED CEILING PLAN - AREA B	A111B
10	FIRST FLOOR REFLECTED CEILING PLAN - AREA C SECOND FLOOR REFLECTED CEILING PLAN	A111C
11	SECOND FLOOR REFLECTED CEILING PLAN SECOND FLOOR REFLECTED CEILING PLAN - AREA A	A112
12 13	SECOND FLOOR REFLECTED CEILING PLAN - AREA A SECOND FLOOR REFLECTED CEILING PLAN - AREA B	A112A A112B
13 14	SECOND FLOOR REFLECTED CEILING FLAN - AREA B SECOND FLOOR REFLECTED CEILING PLAN - AREA C	A112B A112C
14	THIRD FLOOR REFLECTED CEILING PLAN	A112C A113
16	THIRD FLOOR REFLECTED CEILING PLAN - AREA A	A113A
17	THIRD FLOOR REFLECTED CEILING PLAN - AREA B	A113A A113B
18	THIRD FLOOR REFLECTED CEILING PLAN - AREA C	A113D
19	FOURTH FLOOR REFLECTED CEILING PLAN	A114
20	FOURTH FLOOR REFLECTED CEILING PLAN - AREA A	A114A
21	FOURTH FLOOR REFLECTED CEILING PLAN - AREA B	A114B
22	FOURTH FLOOR REFLECTED CEILING PLAN - AREA C	A114C
23	FIFTH FLOOR REFLECTED CEILING PLAN	A115
24	FIFTH FLOOR REFLECTED CEILING PLAN - AREA A	A115A
25	FIFTH FLOOR REFLECTED CEILING PLAN - AREA B	A115B
26	FIFTH FLOOR REFLECTED CEILING PLAN - AREA C	A115C
27	SIXTH FLOOR REFLECTED CEILING PLAN - AREA B	A116B
28	BUILDING ELEVATIONS	A201
29	BUILDING ELEVATIONS	A202
30	BUILDING ELEVATIONS	A203
31	BUILDING ELEVATIONS	A204
32	PENTHOUSE ELEVATIONS	A205
33	PENTHOUSE ELEVATIONS	A206
34	ENLARGED BUILDING ELEVATIONS	A211
35	ENLARGED BUILDING ELEVATIONS	A212
36	ENLARGED BUILDING ELEVATIONS	A213
37	ENLARGED BUILDING ELEVATIONS	A214
38	ENLARGED BUILDING ELEVATIONS	A215
39	BUILDING SECTIONS	A301
40	BUILDING SECTIONS	A302
41	EXTERIOR ASSEMBLIES	A310
42 43	WALL SECTIONS WALL SECTIONS	A311 A312
43 44	WALL SECTIONS WALL SECTIONS	A312 A313
44 45	WALL SECTIONS	A313 A314
45 46	WALL SECTIONS	A314 A315
47	STAIR A PLANS AND DETAILS	A401
48	STAIR A SECTIONS	A402
49	STAIR B PLANS AND SECTIONS	A403
50	STAIR C PLANS AND SECTIONS	A404
51	STAIR D PLANS AND SECTIONS	A405
52	STAIR PLANS AND SECTIONS	A406
53	STAIR PLANS AND SECTIONS	A407
54	ELEVATOR 1 & 2 PLAN AND SECTIONS	A408
55	ELEVATOR 3 & 4 PLAN AND SECTIONS	A409
56	NORTH LAB BLOCK DUCT SHAFT PLANS	A410
57	SOUTH LAB BLOCK DUCT SHAFT PLANS	A411
	TC_{-11}	

1	OFFICE AHU DUCT SHAFT PLANS	A412
2	STAIR AND RAILING DETAILS	A421
3	STAIR AND RAILING DETAILS	A422
4	STAIR AND RAILING DETAILS	A423
5	STAIR AND RAILING DETAILS	A424
6	ENLARGED PLANS	A431
7	ENLARGED PLANS	A432
8	ENLARGED PLANS	A433
9	ENLARGED PLANS	A434
10	ENLARGED TOILET ROOM PLANS AND ELEVATIONS	A451
11	ENLARGED TOILET ROOM PLANS AND ELEVATIONS	A452
12	ENLARGED TOILET ROOM PLANS AND ELEVATIONS	A453
13	ENLARGED TOILET ROOM PLANS AND ELEVATIONS	A454
14	ENLARGED GENDER INCLUSIVE & MOTHER'S/WELLNESS PLANS AND ELEVATIONS	A455
15	ENLARGED LAB ENTRY ALCOVE, PLAN AND ELEVATIONS	A456
16	ENLARGED UTILITY TRENCH LAYOUTS	A457
17	ENLARGED PLANETARIUM PLANS AND ELEVATIONS	A461
18	ENLARGED PLANETARIUM PLANS AND ELEVATIONS	A462
19	ENLARGED BIRD MUSEUM PLANS AND ELEVATIONS	A463
20	ENLARGED PUBLIC ELEVATOR PLANS AND ELEVATIONS	A464
21	ENLARGED PUBLIC ELEVATOR PLANS AND ELEVATIONS	A465
22	ENLARGED CLINIC, PREFUNCTION AND LAB ALCOVE ACCESS PANEL CEILING PLANS	
23	ENLARGED LOBBY DISPLAY CASES PLAN AND ELEVATIONS	A467
24	ENLARGED STAIR B, C, D, ENTRY PLANS	A468
25	ENLARGED STUDENT SPACE PLANS AND ELEVATIONS	A469
26	ENLARGED JANITOR SUPPLY ROOM AND HPE DATA CENTER PLANS, ELEVATIONS &	11.07
27	DETAILS	A470
28	ENLARGED GREENHOUSE PLAN	A471
29	ENLARGED GREENHOUSE DRAINAGE PLAN	A472
30	ENLARGED GREENHOUSE ELEVATIONS AND SECTIONS	A473
31	ENLARGED GREENHOUSE DETAILS	A474
32	ENLARGED OBSERVATORY PLAN	A475
33	ENLARGED OBSERVATORY ELEVATIONS AND DETAILS	A476
34	ENLARGED TRASH ENCLOSURE PLANS AND ELEVATIONS	A477
35	ENLARGED TRASH ENCLOSURE SECTION AND DETAILS	A478
36	ENLARGED EXTERIOR MOCK UP	A479
37		
38		
39	VOLUME 3	
40	COVER DRAWING - VOLUME 3	T031
41	DRAWING INDEX - VOLUME 3	T032
42	DRAWING INDEX - VOLUME 3	T033
43		
44	ARCHITECTURAL	
45	TYPICAL BUILDING ENVELOPE DETAILS	A501
46	CANOPY SECTION DETAILS	A502
47	CURTAIN WALL & BASE WALL SECTION DETAILS	A503
48	MASONRY SECTION DETAILS	A504
49	PARAPET SECTION DETAILS	A505
50	COPING SECTION DETAILS	A506
51	ROOF & PENTHOUSE SECTION DETAILS	A507
52	ROOF & LOUVER SECTION DETAILS	A508
53	ENTRANCE SECTION DETAILS	A509
55 54	ROOF ACCESSORY SECTION DETAILS	A510
55	VESTIBULE & OBSERVATORY SECTION DETAILS	A511
56	ENVELOPE PLAN DETAILS	A521
50 57	ENVELOPE PLAN DETAILS	A522
	TC-12	

1	ENVELOPE PLAN DETAILS	A523
2	ENVELOPE PLAN DETAILS	A524
3	PROJECTED WINDOW PLANS, ELEVATIONS, AND SECTIONS	A580
4	RECESSED WINDOW PLANS, ELEVATIONS, AND SECTIONS	A581
5	FIRST FLOOR RECESSED WINDOW PLANS, ELEVATIONS, AND SECTIONS	A582
6	SHEAR WALL WINDOW PLAN, ELEVATIONS, AND SECTIONS	A583
7	EXTERIOR WINDOW DETAILS	A584
8	EXTERIOR WINDOW DETAILS	A585
9	EXTERIOR WINDOW DETAILS	A586
10	INTERIOR PARTITION TYPES GWB	A601
11	INTERIOR PARTITION TYPES GWB	A602
12	INTERIOR PARTITION TYPES GWB AND MASONRY	A603
12	TYP DETAILS - INTERIOR GWB PARTITIONS	A604
14	TYP DETAILS - INTERIOR GWB PTN BLOCKING	A605
15	TYP DETAILS - INTERIOR GWB PTN HEADS AT CONC SLAB	A606
16	TYP DETAILS - INTERIOR GWB PTN TERMINATIONS	A607
17	TYP DETAILS - INTERIOR GWB PTN TERMINATIONS	A608
18	TYP DETAILS - INTERIOR GWB PTN TERMINATIONS TYP DETAILS - INTERIOR GWB PTN CONTROL JOINTS AND MISC CONDITIONS	A609
18 19	TYP DETAILS - INTERIOR CMU PARTITIONS	A610
	INTERIOR DOOR SCHEDULE - FIRST FLOOR	A611
20		
21	INTERIOR DOOR SCHEDULE - SECOND FLOOR	A612
22	INTERIOR DOOR SCHEDULE - THIRD FLOOR	A613
23	INTERIOR DOOR SCHEDULE - FOURTH FLOOR	A614
24	INTERIOR DOOR SCHEDULE - FIFTH FLOOR	A615
25	DOOR SCHEDULES	A616
26	DOOR & FRAME TYPE DIAGRAMS	A621
27	HM FRAME, 1 1/2" FACE, GWB PARTITION DETAILS	A622
28	HM FRAME, 1 1/2" FACE, GWB PARTITION DETAILS	A623
29	ENLARGED DOOR PLANS	A624
30	ENLARGED DOOR PLANS	A625
31	ENLARGED DOOR PLANS	A626
32	DOOR FRAME DETAILS AT RESILIENT SHEET FLOORING	A627
33		
34		
35	VOLUME 4	
36	COVER DRAWING - VOLUME 4	T041
37	DRAWING INDEX - VOLUME 4	T042
38	DRAWING INDEX - VOLUME 4	T043
39		
40	ARCHITECTURAL	
41	INTERIOR FINISH LEGEND	A900
42	FIRST FLOOR INTERIOR FINISH PLAN - AREA A	A901A
43	FIRST FLOOR INTERIOR FINISH PLAN - AREA B	A901B
44	FIRST FLOOR INTERIOR FINISH PLAN - AREA C	A901C
45	SECOND FLOOR INTERIOR FINISH PLAN - AREA A	A902A
46	SECOND FLOOR INTERIOR FINISH PLAN - AREA B	A902B
47	SECOND FLOOR INTERIOR FINISH PLAN - AREA C	A902C
48	THIRD FLOOR INTERIOR FINISH PLAN - AREA A	A903A
49	THIRD FLOOR INTERIOR FINISH PLAN - AREA B	A903B
50	THIRD FLOOR INTERIOR FINISH PLAN - AREA C	A903C
51	FOURTH FLOOR INTERIOR FINISH PLAN - AREA A	A904A
52	FOURTH FLOOR INTERIOR FINISH PLAN - AREA B	A904B
53	FOURTH FLOOR INTERIOR FINISH PLAN - AREA C	A904C
54	FIFTH FLOOR INTERIOR FINISH PLAN - AREA A	A905A
55	FIFTH FLOOR INTERIOR FINISH PLAN - AREA B	A905B
56	FIFTH FLOOR INTERIOR FINISH PLAN - AREA C	A905C
57	SIXTH FLOOR INTERIOR FINISH PLAN - AREA A	A906A
	TC-13	1,200,1
	10 15	

1		400CD
1 2	SIXTH FLOOR INTERIOR FINISH PLAN - AREA B SIXTH FLOOR INTERIOR FINISH PLAN - AREA C	A906B A906C
3	FIRST FLOOR WALL PROTECTION PLAN	A900C
4	SECOND FLOOR WALL PROTECTION PLAN	A912
5	THIRD FLOOR WALL PROTECTION PLAN	A913
6	FOURTH FLOOR WALL PROTECTION PLAN	A914
7	FIFTH FLOOR WALL PROTECTION PLAN	A915
8	SIXTH FLOOR WALL PROTECTION PLAN	A916
9	INTERIOR ELEVATIONS - FIRST FLOOR	A921
10	INTERIOR ELEVATIONS - FIRST FLOOR	A922
11	INTERIOR ELEVATIONS - FIRST FLOOR	A923
12	INTERIOR ELEVATIONS - FIRST FLOOR	A924
13	INTERIOR ELEVATIONS - SECOND FLOOR	A925
14	INTERIOR ELEVATIONS - SECOND FLOOR	A926
15	INTERIOR ELEVATIONS - SECOND FLOOR	A927
16	INTERIOR ELEVATIONS - THIRD FLOOR	A928
17	INTERIOR ELEVATIONS - THIRD & FOURTH FLOOR	A929
18	INTERIOR ELEVATIONS - FIFTH FLOOR	A930
19	INTERIOR ELEVATIONS - TYPICAL	A931
20	INTERIOR ELEVATIONS - TYPICAL	A932
21	INTERIOR ELEVATIONS - TYPICAL	A933
22	INTERIOR ELEVATIONS - FULL BUILDING	A934
23 24	INTERIOR ELEVATIONS - FULL BUILDING INTERIOR ELEVATIONS - FULL BUILDING	A935
24 25	INTERIOR ELEVATIONS - FULL BUILDING INTERIOR ELEVATIONS - STAIR A	A936 A937
23 26	INTERIOR DETAILS - WALL PENETRATION	A951
20 27	INTERIOR DETAILS	A951 A952
28	INTERIOR DETAILS - FLOOR TRANSITIONS	A953
29	INTERIOR DETAILS - WALL PROTECTION	A954
30	INTERIOR DETAILS - CEILINGS - ACT	A955
31	INTERIOR DETAILS - CEILINGS - GYP	A956
32	INTERIOR DETAILS - CEILINGS - SPECIAL	A957
33	INTERIOR DETAILS - PLANETARIUM	A958
34	INTERIOR DETAILS -SLIDING ALUMINUM FRAMED GLASS DOOR	A959
35	INTERIOR DETAILS - MILLWORK / CASEWORK	A960
36	INTERIOR DETAILS - MILLWORK / CASEWORK	A961
37	INTERIOR DETAILS - MILLWORK / CASEWORK	A962
38	INTERIOR DETAILS - SPECIALTY MILLWORK / CASEWORK	A963
39	INTERIOR DETAILS - GLASS PARTITION	A964
40	INTERIOR DETAILS - ENTRY ALCOVES	A965
41	INTERIOR DETAILS - ELEVATOR	A966
42	INTERIOR DETAILS MONITOR DISPLAY NICHE	A967
43	INTERIOR DETAILS - INTERIOR COMPONENTS	A968
44	INTERIOR DETAILS - INTERIOR COMPONENTS	A969
45	INTERIOR DETAILS - INTERIOR COMPONENTS INTERIOR DETAILS - INTERIOR COMPONENTS	A970
46 47	INTERIOR DETAILS - INTERIOR COMPONENTS INTERIOR DETAILS - INTERIOR COMPONENTS	A971 A972
47 48	PARTITION AND SLAB PENETRATIONS (CONCRETE)	A972 A973
49	SLAB PENETRATIONS (CONCRETE)	A973
5 0	SLAB PENETRATIONS (CONCRETE)	A975
51	INTERIOR SIGNAGE DETAILS	A980
52	FIRST FLOOR INTERIOR SIGNAGE PLAN	A981
53	SECOND FLOOR INTERIOR SIGNAGE PLAN	A982
54	THIRD FLOOR INTERIOR SIGNAGE PLAN	A983
55	FOURTH FLOOR INTERIOR SIGNAGE PLAN	A984
56	FIFTH FLOOR INTERIOR SIGNAGE PLAN	A985
57	SIXTH FLOOR INTERIOR SIGNAGE PLAN	A986
	TC-14	

1	FIRST FLOOR FURNITURE PLAN	A991
2	SECOND FLOOR FURNITURE PLAN	A992
3	THIRD FLOOR FURNITURE PLAN	A993
4	FOURTH FLOOR FURNITURE PLAN	A994
5	FIFTH FLOOR FURNITURE PLAN	A995
6	SIXTH FLOOR FURNITURE PLAN	A996
7		
8		
9	VOLUME 5	
10	COVER DRAWING - VOLUME 5	T051
11	DRAWING INDEX - VOLUME 5	T052
12	DRAWING INDEX - VOLUME 5	T053
13		
14	LABORATORY	
15	LABORATORY LEGENDS, SCHEDULE, & GENERAL NOTES	L001
16	TYPICAL LAB CASEWORK, ELEVATIONS, LEGEND	L002
17	TYPICAL LAB CASEWORK, ELEVATIONS, LEGEND	L003
18	TYPICAL LAB CASEWORK, ELEVATIONS, LEGEND	L004
19	EQUIPMENT SCHEDULE CONTRACTOR FURNISHED	L005
20	EQUIPMENT SCHEDULE CONTRACTOR FURNISHED	L006
21	FUME HOOD SCHEDULE	L007
22	EQUIPMENT SCHEDULE FIRST FLOOR	L008
23	EQUIPMENT SCHEDULE FIRST FLOOR	L009
24	EQUIPMENT SCHEDULE FIRST FLOOR	L010
25	EQUIPMENT SCHEDULE SECOND FLOOR	L011
26	EQUIPMENT SCHEDULE THIRD FLOOR	L012
27	EQUIPMENT SCHEDULE THIRD FLOOR	L012
28	EQUIPMENT SCHEDULE FOURTH FLOOR	L014
29	EQUIPMENT SCHEDULE FOURTH FLOOR	L015
30	EQUIPMENT SCHEDULE FIFTH FLOOR	L016
31	EQUIPMENT SCHEDULE FIFTH AND SIXTH FLOOR	L017
32	FIRST FLOOR LABORATORY PLAN - AREA A3	L111A3
33	FIRST FLOOR LABORATORY PLAN - AREA A4	L111A4
34	FIRST FLOOR LABORATORY PLAN - AREA B2	L111B2
35	FIRST FLOOR LABORATORY PLAN - AREA B3	L111B3
36	FIRST FLOOR LABORATORY PLAN - AREA C2	L111C2
37	SECOND FLOOR LABORATORY PLAN - AREA A3	L112A3
38	SECOND FLOOR LABORATORY PLAN - AREA A4	L112A4
39	SECOND FLOOR LABORATORY PLAN - AREA B2	L112B2
40	SECOND FLOOR LABORATORY PLAN - AREA B3	L112B3
41	THIRD FLOOR LABORATORY PLAN - AREA A3	L113A3
42	THIRD FLOOR LABORATORY PLAN - AREA A4	L113A4
43	THIRD FLOOR LABORATORY PLAN - AREA B2	L113B2
44	THIRD FLOOR LABORATORY PLAN - AREA B3	L113B3
45	FOURTH FLOOR LABORATORY PLAN - AREA A3	L114A3
46	FOURTH FLOOR LABORATORY PLAN - AREA A4	L114A4
47	FOURTH FLOOR LABORATORY PLAN - AREA B2	L114B2
48	FOURTH FLOOR LABORATORY PLAN - AREA B3	L114B3
49	FOURTH FLOOR LABORATORY PLAN - AREA C2	L114C2
50	FIFTH FLOOR LABORATORY PLAN - AREA A3	L115A3
51	FIFTH FLOOR LABORATORY PLAN - AREA A4	L115A4
52	FIFTH FLOOR LABORATORY PLAN - AREA B2	L115B2
53	FIFTH FLOOR LABORATORY PLAN - AREA B3	L115B3
54	SIXTH FLOOR LABORATORY PLAN - AREA B2	L116B2
55	SIXTH FLOOR LABORATORY PLAN - AREA B3	L116B3
56	FIRST FLOOR - LAB INTERIOR ELEVATIONS	L910
57	FIRST FLOOR - LAB INTERIOR ELEVATIONS	L911

1	FIRST FLOOR - LAB INTERIOR ELEVATIONS	L912
2	FIRST FLOOR - LAB INTERIOR ELEVATIONS	L913
3	FIRST FLOOR - LAB INTERIOR ELEVATIONS	L914
4	FIRST FLOOR - LAB INTERIOR ELEVATIONS	L915
5	SECOND FLOOR - LAB INTERIOR ELEVATIONS	L920
6	SECOND FLOOR - LAB INTERIOR ELEVATIONS	L921
7	SECOND FLOOR - LAB INTERIOR ELEVATIONS	L922
8	SECOND FLOOR - LAB INTERIOR ELEVATIONS	L923
9	THIRD FLOOR - LAB INTERIOR ELEVATIONS	L930
10	THIRD FLOOR - LAB INTERIOR ELEVATIONS	L931
11	THIRD FLOOR - LAB INTERIOR ELEVATIONS	L932
12	FOURTH FLOOR - LAB INTERIOR ELEVATIONS	L940
13	FOURTH FLOOR - LAB INTERIOR ELEVATIONS	L941
14	FOURTH FLOOR - LAB INTERIOR ELEVATIONS	L942
15	FOURTH FLOOR - LAB INTERIOR ELEVATIONS	L943
16	FOURTH FLOOR - MEDICAL INTERIOR ELEVATIONS	L944
17	FOURTH FLOOR - MEDICAL INTERIOR ELEVATIONS	L945
18	FIFTH FLOOR - LAB INTERIOR ELEVATIONS	L950
19	FIFTH FLOOR - LAB INTERIOR ELEVATIONS	L951
20	FIFTH FLOOR - LAB INTERIOR ELEVATIONS	L952
21	FIFTH FLOOR - LAB INTERIOR ELEVATIONS	L953
22	FIFTH FLOOR - LAB INTERIOR ELEVATIONS	L954
23	FIFTH FLOOR - LAB INTERIOR ELEVATIONS	L955
24	INTERIOR ELEVATIONS -BIOLOGY CENTER BENCHES	L970
25	INTERIOR ELEVATIONS - BIOLOGY & CHEMISTRY CENTER BENCHES	L971
26	INTERIOR ELEVATIONS CHEMISTRY CENTER BENCHES	L972
27	INTERIOR ELEVATIONS - CHEMISTRY CENTER BENCHES	L973
28	INTERIOR ELEVATIONS - GEOLOGY CENTER BENCHES	L974
29	INTERIOR ELEVATIONS - MSE CENTER BENCHES	L975
30	INTERIOR ELEVATIONS - PHYSICS AND ASTRONOMY CENTER BENCHES	L976
31	LABORATORY DETAILS	L990
32	LABORATORY DETAILS	L991
33	LABORATORY DETAILS	L992
34	LABORATORY DETAILS	L993
35	OR SIM. VENDOR TITLE SHEET - FOR REFERENCE	LS-100
36	OR SIM VENDOR- REVISION SUMMARY - FOR REFERENCE	LS-101
37	OR SIM. VENDOR EQUIPMENT LAYOUT - FOR REFERENCE	LS-102
38	OR SIM. VENDOR EQUIPMENT LAYOUT - FOR REFERENCE	LS-103
39	OR SIM. VENDOR PREINSTALL NOTES - FOR REFERENCE	LS-104
40	OR SIM. VENDOR PREINSTALL NOTES - FOR REFERENCE	LS-105
41	OR SIM. VENDOR PREINSTALL NOTES - FOR REFERENCE	LS-106
42	OR SIM. VENDOR EQUIPMENT DRAWINGS - FOR REFERENCE	LS-107
43	OR SIM. VENDOR EQUIPMENT DRAWINGS - FOR REFERENCE	LS-108
44		
45		
46	VOLUME 6	
47	COVER DRAWING - VOLUME 6	T061
48	DRAWING INDEX - VOLUME 6	T062
49	DRAWING INDEX - VOLUME 6	T063
50		
51	FIRE PROTECTION	
52	FIRE PROTECTION SYMBOLS & ABBREVIATIONS	F000
53	FIRE PROTECTION FIRST FLOOR PLAN - OVERALL	F101
54	FIRE PROTECTION FIRST FLOOR PLAN - AREA A	F101A
55	FIRE PROTECTION FIRST FLOOR PLAN - AREA B	F101B
56	FIRE PROTECTION FIRST FLOOR PLAN - AREA C	F101C
57	FIRE PROTECTION SECOND FLOOR PLAN - OVERALL	F102
	TC-16	

		E1024
1	FIRE PROTECTION SECOND FLOOR PLAN - AREA A	F102A
2	FIRE PROTECTION SECOND FLOOR PLAN - AREA B	F102B
3	FIRE PROTECTION SECOND FLOOR PLAN - AREA C	F102C
4	FIRE PROTECTION THIRD FLOOR PLAN - OVERALL	F103
5	FIRE PROTECTION THIRD FLOOR PLAN - AREA A	F103A
6	FIRE PROTECTION THIRD FLOOR PLAN - AREA B	F103B
7	FIRE PROTECTION THIRD FLOOR PLAN - AREA C	F103C
8	FIRE PROTECTION FOURTH FLOOR PLAN - OVERALL	F104
9	FIRE PROTECTION FOURTH FLOOR PLAN - AREA A	F104A
10	FIRE PROTECTION FOURTH FLOOR PLAN - AREA B	F104B
11	FIRE PROTECTION FOURTH FLOOR PLAN - AREA C	F104C
12	FIRE PROTECTION FIFTH FLOOR PLAN - OVERALL	F105
13	FIRE PROTECTION FIFTH FLOOR PLAN - AREA A	F105A
14	FIRE PROTECTION FIFTH FLOOR PLAN - AREA B	F105B
15	FIRE PROTECTION FIFTH FLOOR PLAN - AREA C	F105C
16	FIRE PROTECTION SIXTH FLOOR PLAN - OVERALL	F106
17	FIRE PROTECTION SIXTH FLOOR PLAN - AREA A	F106A
18	FIRE PROTECTION SIXTH FLOOR PLAN - AREA B	F106B
19	FIRE PROTECTION SIXTH FLOOR PLAN - AREA C	F106C
20	ENLARGED PLANS	F500
21	FIRE PROTECTION STAIR SECTIONS	F501
22	FIRE PROTECTION STAIR SECTIONS	F502
23	FIRE PROTECTION DETAILS	F600
24	FIRE PROTECTION DETAILS	F601
25	FIRE PROTECTION DETAILS	F602
26	FIRE PROTECTION DIAGRAMS	F700
27		
28		
29	VOLUME 7	
30	COVER DRAWING - VOLUME 7	T071
31	DRAWING INDEX - VOLUME 7	T072
32	DRAWING INDEX - VOLUME 7	T073
33		
34	PLUMBING	
35	PLUMBING SYMBOLS & ABBREVIATIONS	P000
36	PLUMBING CALCULATIONS	P001
37	PLUMBING UNDERFLOOR PLAN - OVERALL	P100
38	PLUMBING UNDERFLOOR PLAN - AREA A1	P100A1
39	PLUMBING UNDERFLOOR PLAN - AREA A2	P100A2
40	PLUMBING UNDERFLOOR PLAN - AREA A3	P100A3
41	PLUMBING UNDERFLOOR PLAN - AREA A4	P100A4
42	PLUMBING UNDERFLOOR PLAN - AREA B1	P100B1
43	PLUMBING UNDERFLOOR PLAN - AREA B2	P100B2
44	PLUMBING UNDERFLOOR PLAN - AREA B3	P100B3
45	PLUMBING UNDERFLOOR PLAN - AREA C1	P100C1
46	PLUMBING UNDERFLOOR PLAN - AREA C2	P100C2
47	PLUMBING FIRST FLOOR PLAN - OVERALL	P101
48	PLUMBING FIRST FLOOR PLAN - AREA A1	P101A1
49	PLUMBING FIRST FLOOR PLAN - AREA A2	P101A2
50	PLUMBING FIRST FLOOR PLAN - AREA A3	P101A3
51	PLUMBING FIRST FLOOR PLAN - AREA A4	P101A4
52	PLUMBING FIRST FLOOR PLAN - AREA B1	P101B1
53	PLUMBING FIRST FLOOR PLAN - AREA B2	P101B2
54	PLUMBING FIRST FLOOR PLAN - AREA B3	P101B3
55	PLUMBING FIRST FLOOR PLAN - AREA C1	P101C1
56	PLUMBING FIRST FLOOR PLAN - AREA C2	P101C2
57	PLUMBING SECOND FLOOR PLAN - OVERALL	P102
	TC-17	

1	PLUMBING SECOND FLOOR PLAN - AREA A1
2	PLUMBING SECOND FLOOR PLAN - AREA A2
3	PLUMBING SECOND FLOOR PLAN - AREA A3
4	PLUMBING SECOND FLOOR PLAN - AREA A4
5	PLUMBING SECOND FLOOR PLAN - AREA B1
6	PLUMBING SECOND FLOOR PLAN - AREA B2
7	PLUMBING SECOND FLOOR PLAN - AREA B3
8	PLUMBING SECOND FLOOR PLAN - AREA D3 PLUMBING SECOND FLOOR PLAN - AREA C1
9	PLUMBING SECOND FLOOR PLAN - AREA CT PLUMBING SECOND FLOOR PLAN - AREA C2
-	
10	PLUMBING THIRD FLOOR PLAN - OVERALL
11	PLUMBING THIRD FLOOR PLAN - AREA A1
12	PLUMBING THIRD FLOOR PLAN - AREA A2
13	PLUMBING THIRD FLOOR PLAN - AREA A3
14	PLUMBING THIRD FLOOR PLAN - AREA A4
15	PLUMBING THIRD FLOOR PLAN - AREA B1
16	PLUMBING THIRD FLOOR PLAN - AREA B2
17	PLUMBING THIRD FLOOR PLAN - AREA B3
18	PLUMBING THIRD FLOOR PLAN - AREA C1
19	PLUMBING THIRD FLOOR PLAN - AREA C2
20	PLUMBING FOURTH FLOOR PLAN - OVERALL
21	PLUMBING FOURTH FLOOR PLAN - AREA A1
22	PLUMBING FOURTH FLOOR PLAN - AREA A2
23	PLUMBING FOURTH FLOOR PLAN - AREA A3
24	PLUMBING FOURTH FLOOR PLAN - AREA A4
25	PLUMBING FOURTH FLOOR PLAN - AREA B1
26	PLUMBING FOURTH FLOOR PLAN - AREA B2
27	PLUMBING FOURTH FLOOR PLAN - AREA B3
28	PLUMBING FOURTH FLOOR PLAN - AREA C1
29	PLUMBING FOURTH FLOOR PLAN - AREA C2
30	PLUMBING FIFTH FLOOR PLAN - OVERALL
31	PLUMBING FIFTH FLOOR PLAN - AREA A1
32	PLUMBING FIFTH FLOOR PLAN - AREA A2
33	PLUMBING FIFTH FLOOR PLAN - AREA A3
34	PLUMBING FIFTH FLOOR PLAN - AREA A4
35	PLUMBING FIFTH FLOOR PLAN - AREA B1
36	PLUMBING FIFTH FLOOR PLAN - AREA B2
37	PLUMBING FIFTH FLOOR PLAN - AREA B3
38	PLUMBING FIFTH FLOOR PLAN - AREA C1
39	PLUMBING FIFTH FLOOR PLAN - AREA C2
40	PLUMBING SIXTH FLOOR PLAN - OVERALL
40 41	PLUMBING SIXTH FLOOR PLAN - OVERALL PLUMBING SIXTH FLOOR PLAN - AREA A1
41	PLUMBING SIXTH FLOOR PLAN - AREA AT PLUMBING SIXTH FLOOR PLAN - AREA A2
	PLUMBING SIXTH FLOOR PLAN - AREA A2 PLUMBING SIXTH FLOOR PLAN - AREA A3
43	
44	PLUMBING SIXTH FLOOR PLAN - AREA A4
45	PLUMBING SIXTH FLOOR PLAN - AREA B1
46	PLUMBING SIXTH FLOOR PLAN - AREA B2
47	PLUMBING SIXTH FLOOR PLAN - AREA B3
48	PLUMBING SIXTH FLOOR PLAN - AREA C1
49 50	PLUMBING SIXTH FLOOR PLAN - AREA C2
50	PLUMBING ROOF PLAN - OVERALL
51	PLUMBING ROOF PLAN - AREA A1
52	PLUMBING ROOF PLAN - AREA A2
53	PLUMBING ROOF PLAN - AREA A3
54	PLUMBING ROOF PLAN - AREA A4
55	PLUMBING ROOF PLAN - AREA B1
56	PLUMBING ROOF PLAN - AREA B2
57	PLUMBING ROOF PLAN - AREA B3

P102A1 P102A2 P102A3 P102A4 P102B1 P102B2 P102B3 P102C1 P102C2 P103 P103A1 P103A2 P103A3 P103A4 P103B1 P103B2 P103B3 P103C1 P103C2 P104 P104A1 P104A2 P104A3 P104A4 P104B1 P104B2 P104B3 P104C1 P104C2 P105 P105A1 P105A2 P105A3 P105A4 P105B1 P105B2 P105B3 P105C1 P105C2 P106 P106A1 P106A2 P106A3 P106A4 P106B1 P106B2 P106B3 P106C1 P106C2 P107 P107A1 P107A2 P107A3 P107A4 P107B1 P107B2 P107B3

1	PLUMBING ROOF PLAN - AREA C1	P107C1
2	PLUMBING ROOF PLAN - AREA C2	P107C2
3	PLUMBING DETAILS	P600
4	PLUMBING DETAILS	P601
5	PLUMBING DETAILS	P602
6	PLUMBING DETAILS	P603
7	PLUMBING DOMESTIC WATER FLOW DIAGRAM	P700
8	PLUMBING SANITARY WASTE FLOW DIAGRAM	P701
9	PLUMBING LAB WASTE FLOW DIAGRAM	P702
10	PLUMBING COMPRESSED AIR FLOW DIAGRAM	P703
11	PLUMBING LAB VACUUM FLOW DIAGRAM	P704
12	PLUMBING PURE WATER FLOW DIAGRAM	P705
13	PLUMBING NITROGEN FLOW DIAGRAM	P706
14	PLUMBING STORM FLOW DIAGRAM	P707
15	PLUMBING LAB NATURAL GAS FLOW DIAGRAM	P708
16	PLUMBING SCHEDULES	P800
17	PLUMBING SCHEDULES	P801
18		1001
19		
20	VOLUME 8	
20	COVER DRAWING - VOLUME 8	T081
22	DRAWING INDEX - VOLUME 8	T082
23	DRAWING INDEX - VOLUME 8	T083
24		1005
25	PLUMBING	
26	FIRST FLOOR DOMESTIC WATER ISOMETRIC - NORTH EAST	P901NE
27	FIRST FLOOR DOMESTIC WATER ISOMETRIC - NORTH WEST	P901NW
28	FIRST FLOOR DOMESTIC WATER ISOMETRIC - SOUTH EAST	P901SE
29	FIRST FLOOR DOMESTIC WATER ISOMETRIC - SOUTH WEST	P901SW
30	SECOND FLOOR DOMESTIC WATER ISOMETRIC - NORTH EAST	P902NE
31	SECOND FLOOR DOMESTIC WATER ISOMETRIC - NORTH WEST	P902NW
32	SECOND FLOOR DOMESTIC WATER ISOMETRIC - SOUTH EAST	P902SE
33	SECOND FLOOR DOMESTIC WATER ISOMETRIC - SOUTH WEST	P902SW
34	THIRD FLOOR DOMESTIC WATER ISOMETRIC - NORTH EAST	P903NE
35	THIRD FLOOR DOMESTIC WATER ISOMETRIC - NORTH WEST	P903NW
36	THIRD FLOOR DOMESTIC WATER ISOMETRIC - SOUTH EAST	P903SE
37	THIRD FLOOR DOMESTIC WATER ISOMETRIC - SOUTH WEST	P903SW
38	FOURTH FLOOR DOMESTIC WATER ISOMETRIC - NORTH EAST	P904NE
39	FOURTH FLOOR DOMESTIC WATER ISOMETRIC - NORTH WEST	P904NW
40	FOURTH FLOOR DOMESTIC WATER ISOMETRIC - SOUTH EAST	P904SE
41	FOURTH FLOOR DOMESTIC WATER ISOMETRIC - SOUTH WEST	P904SW
42	FIFTH FLOOR DOMESTIC WATER ISOMETRIC - NORTH EAST	P905NE
43	FIFTH FLOOR DOMESTIC WATER ISOMETRIC - NORTH WEST	P905NW
44	FIFTH FLOOR DOMESTIC WATER ISOMETRIC - SOUTH EAST	P905SE
45	FIFTH FLOOR DOMESTIC WATER ISOMETRIC - SOUTH WEST	P905SW
46	SIXTH FLOOR DOMESTIC WATER ISOMETRIC - EAST	P906E
47	SIXTH FLOOR DOMESTIC WATER ISOMETRIC - WEST	P906W
48	FIRST FLOOR SANITARY WASTE ISOMETRIC - NORTH EAST	P911NE
49	FIRST FLOOR SANITARY WASTE ISOMETRIC - NORTH WEST	P911NW
50	FIRST FLOOR SANITARY WASTE ISOMETRIC - SOUTH EAST	P911SE
51	FIRST FLOOR SANITARY WASTE ISOMETRIC - SOUTH WEST	P911SW
52	SECOND FLOOR SANITARY WASTE ISOMETRIC - NORTH EAST	P912NE
53	SECOND FLOOR SANITARY WASTE ISOMETRIC - NORTH WEST	P912NW
54	SECOND FLOOR SANITARY WASTE ISOMETRIC - SOUTH EAST	P912SE
55	SECOND FLOOR SANITARY WASTE ISOMETRIC - SOUTH WEST	P912SW
56	THIRD FLOOR SANITARY WASTE ISOMETRIC - NORTH EAST	P913NE
57	THIRD FLOOR SANITARY WASTE ISOMETRIC - NORTH WEST	P913NW
-	TC-19	

1	THIRD FLOOR SANITARY WASTE ISOMETRIC - SOUTH EAST	P913SE
2	THIRD FLOOR SANITARY WASTE ISOMETRIC - SOUTH WEST	P913SW
3	FOURTH FLOOR SANITARY WASTE ISOMETRIC - NORTH EAST	P914NE
4	FOURTH FLOOR SANITARY WASTE ISOMETRIC - NORTH WEST	P914NW
5	FOURTH FLOOR SANITARY WASTE ISOMETRIC - SOUTH EAST	P914SE
6	FOURTH FLOOR SANITARY WASTE ISOMETRIC - SOUTH WEST	P914SW
7	FIFTH FLOOR SANITARY WASTE ISOMETRIC - NORTH EAST	P915NE
8	FIFTH FLOOR SANITARY WASTE ISOMETRIC - NORTH WEST	P915NW
9	FIFTH FLOOR SANITARY WASTE ISOMETRIC - SOUTH EAST	P915SE
10	FIFTH FLOOR SANITARY WASTE ISOMETRIC - SOUTH WEST	P915SW
11	SIXTH FLOOR SANITARY WASTE ISOMETRIC - NORTH EAST	P916NE
12 13	SIXTH FLOOR SANITARY WASTE ISOMETRIC - NORTH WEST	P916NW
	SIXTH FLOOR SANITARY WASTE ISOMETRIC - SOUTH EAST	P916SE
14 15	SIXTH FLOOR SANITARY WASTE ISOMETRIC - SOUTH WEST FIRST FLOOR LAB WASTE ISOMETRIC - NORTH EAST	P916SW P921NE
15 16	FIRST FLOOR LAB WASTE ISOMETRIC - NORTH EAST	P921NE P921NW
10	FIRST FLOOR LAB WASTE ISOMETRIC - NORTH WEST	P921NW P921SE
17	FIRST FLOOR LAB WASTE ISOMETRIC - SOUTH EAST	P921SU
18 19	SECOND FLOOR LAB WASTE ISOMETRIC - SOUTH WEST	P9215W P922NE
20	SECOND FLOOR LAB WASTE ISOMETRIC - NORTH WEST	P922NW
20 21	SECOND FLOOR LAB WASTE ISOMETRIC - NORTH WEST	P922SE
21	SECOND FLOOR LAB WASTE ISOMETRIC - SOUTH EAST	P922SW
22	THIRD FLOOR LAB WASTE ISOMETRIC - NORTH EAST	P923NE
23 24	THIRD FLOOR LAB WASTE ISOMETRIC - NORTH WEST	P923NW
2 4 25	THIRD FLOOR LAB WASTE ISOMETRIC - NORTH WEST	P923SE
23 26	THIRD FLOOR LAB WASTE ISOMETRIC - SOUTH WEST	P923SW
27	FOURTH FLOOR LAB WASTE ISOMETRIC - NORTH EAST	P924NE
28	FOURTH FLOOR LAB WASTE ISOMETRIC - NORTH WEST	P924NW
29	FOURTH FLOOR LAB WASTE ISOMETRIC - SOUTH EAST	P924SE
30	FOURTH FLOOR LAB WASTE ISOMETRIC - SOUTH WEST	P924SW
31	FIFTH FLOOR LAB WASTE ISOMETRIC - NORTH EAST	P925NE
32	FIFTH FLOOR LAB WASTE ISOMETRIC - NORTH WEST	P925NW
33	FIFTH FLOOR LAB WASTE ISOMETRIC - SOUTH EAST	P925SE
34	FIFTH FLOOR LAB WASTE ISOMETRIC - SOUTH WEST	P925SW
35	SIXTH FLOOR LAB WASTE ISOMETRIC - EAST	P926E
36	SIXTH FLOOR LAB WASTE ISOMETRIC - WEST	P926W
37	STORM ISOMETRIC - NORTH	P940N
38	STORM ISOMETRIC - SOUTH	P940S
39		
40		
41	VOLUME 9	
42	COVER DRAWING - VOLUME 9	T091
43	DRAWING INDEX - VOLUME 9	T092
44	DRAWING INDEX - VOLUME 9	T093
45		
46	HVAC	
47	MECHANICAL SYMBOLS & ABBREVIATIONS	M000
48	MECHANICAL SITE PLAN - STEAM PIPING	M001
49	STEAM PIT 10 - STEAM PIPING - DEMOLITION	M010
50	STEAM PIT 9 - STEAM PIPING - DEMOLITION	M011
51	STEAM PIT 9 - STEAM PIPING	M012
52	DETAILS - SITE STEAM	M013
53	MECHANICAL DUCTWORK FIRST FLOOR PLAN - OVERALL	M101
54	MECHANICAL DUCTWORK FIRST FLOOR PLAN - AREA A1	M101A1
55	MECHANICAL DUCTWORK FIRST FLOOR PLAN - AREA A2	M101A2
56	MECHANICAL DUCTWORK FIRST FLOOR PLAN - AREA A3	M101A3
57	MECHANICAL DUCTWORK FIRST FLOOR PLAN - AREA A4	M101A4
	TC-20	

1		14011-4
1	MECHANICAL DUCTWORK FIRST FLOOR PLAN - AREA B1	M101B1
2	MECHANICAL DUCTWORK FIRST FLOOR PLAN - AREA B2	M101B2
3	MECHANICAL DUCTWORK FIRST FLOOR PLAN - AREA B3	M101B3
4	MECHANICAL DUCTWORK FIRST FLOOR PLAN - AREA CI	M101C1
5	MECHANICAL DUCTWORK FIRST FLOOR PLAN - AREA C2	M101C2
6	MECHANICAL DUCTWORK SECOND FLOOR PLAN - OVERALL	M102
7	MECHANICAL DUCTWORK SECOND FLOOR PLAN - AREA A1	M102A1
8	MECHANICAL DUCTWORK SECOND FLOOR PLAN - AREA A2	M102A2
9	MECHANICAL DUCTWORK SECOND FLOOR PLAN - AREA A3	M102A3
10	MECHANICAL DUCTWORK SECOND FLOOR PLAN - AREA A4	M102A4
11	MECHANICAL DUCTWORK SECOND FLOOR PLAN - AREA B1	M102B1
12	MECHANICAL DUCTWORK SECOND FLOOR PLAN - AREA B2	M102B2
13	MECHANICAL DUCTWORK SECOND FLOOR PLAN - AREA B3	M102B3
14	MECHANICAL DUCTWORK SECOND FLOOR PLAN - AREA C1	M102C1
15	MECHANICAL DUCTWORK SECOND FLOOR PLAN - AREA C2	M102C2
16	MECHANICAL DUCTWORK THIRD FLOOR PLAN - OVERALL	M103
17	MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA A1	M103A1
18	MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA A2	M103A2
19 20	MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA A3	M103A3
20	MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA A4	M103A4
21	MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA B1	M103B1
22	MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA B2	M103B2
23 24	MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA B3 MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA C1	M103B3
24 25	MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA CI MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA C2	M103C1
23 26	MECHANICAL DUCTWORK THIRD FLOOR PLAN - AREA C2 MECHANICAL DUCTWORK FOURTH FLOOR PLAN - OVERALL	M103C2 M104
20 27	MECHANICAL DUCTWORK FOURTH FLOOR FLAN - OVERALL MECHANICAL DUCTWORK FOURTH FLOOR PLAN - AREA A1	M104A1
27	MECHANICAL DUCTWORK FOURTH FLOOR FLAN - AREA AT MECHANICAL DUCTWORK FOURTH FLOOR PLAN - AREA A2	M104A1 M104A2
28 29	MECHANICAL DUCTWORK FOURTH FLOOR FLAN - AREA A2 MECHANICAL DUCTWORK FOURTH FLOOR PLAN - AREA A3	M104A2 M104A3
29 30	MECHANICAL DUCTWORK FOURTH FLOOR FLAN - AREA AS MECHANICAL DUCTWORK FOURTH FLOOR PLAN - AREA A4	M104A3
31	MECHANICAL DUCTWORK FOURTH FLOOR FLAN - AREA A4 MECHANICAL DUCTWORK FOURTH FLOOR PLAN - AREA B1	M104R4 M104B1
32	MECHANICAL DUCTWORK FOURTH FLOOR FLAN - AREA BI MECHANICAL DUCTWORK FOURTH FLOOR PLAN - AREA BI	M104B1 M104B2
32 33	MECHANICAL DUCTWORK FOURTH FLOOR FLAN - AREA B2 MECHANICAL DUCTWORK FOURTH FLOOR PLAN - AREA B3	M104B2 M104B3
33 34	MECHANICAL DUCTWORK FOURTH FLOOR FLAN - AREA DS MECHANICAL DUCTWORK FOURTH FLOOR PLAN - AREA C1	M104D3 M104C1
35	MECHANICAL DUCTWORK FOURTH FLOOR FLAN - AREA CI MECHANICAL DUCTWORK FOURTH FLOOR PLAN - AREA CI	M104C1 M104C2
36	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - OVERALL	M104C2 M105
37	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - OVERALL MECHANICAL DUCTWORK FIFTH FLOOR PLAN - AREA A1	M105A1
38	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - AREA A2	M105A2
39	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - AREA A3	M105A2
40	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - AREA A4	M105A4
41	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - AREA B1	M105B1
42	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - AREA B2	M105B1 M105B2
43	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - AREA B3	M105B2
44	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - AREA C1	M105C1
45	MECHANICAL DUCTWORK FIFTH FLOOR PLAN - AREA C2	M105C2
46	MECHANICAL DUCTWORK SIXTH FLOOR PLAN - OVERALL	M106
47	MECHANICAL DUCTWORK SIXTH FLOOR PLAN - AREA A1	M106A1
48	MECHANICAL DUCTWORK SIXTH FLOOR PLAN - AREA A3	M106A3
49	MECHANICAL DUCTWORK SIXTH FLOOR PLAN - AREA A4	M106A4
50	MECHANICAL DUCTWORK SIXTH FLOOR PLAN - AREA B1	M106B1
51	MECHANICAL DUCTWORK SIXTH FLOOR PLAN - AREA B2	M106B2
52	MECHANICAL DUCTWORK SIXTH FLOOR PLAN - AREA B3	M106B3
53	MECHANICAL DUCTWORK SIXTH FLOOR PLAN - AREA C2	M106C2
54	MECHANICAL ROOF PLAN - OVERALL	M107
55	MECHANICAL DUCTWORK ROOF PLAN - AREA A3	M107A3
56	MECHANICAL DUCTWORK ROOF PLAN - AREA A4	M107A4
57	MECHANICAL DUCTWORK ROOF PLAN - AREA B1	M107B1
	TC-21	

1		MIOTRO
1	MECHANICAL DUCTWORK ROOF PLAN - AREA B2	M107B2
2	MECHANICAL PIPING FIRST FLOOR PLAN - OVERALL	M201
3	MECHANICAL PIPING FIRST FLOOR PLAN - AREA A1	M201A1
4	MECHANICAL PIPING FIRST FLOOR PLAN - AREA A2	M201A2
5	MECHANICAL PIPING FIRST FLOOR PLAN - AREA A3	M201A3
6	MECHANICAL PIPING FIRST FLOOR PLAN - AREA A4	M201A4
7	MECHANICAL PIPING FIRST FLOOR PLAN - AREA B1	M201B1
8	MECHANICAL PIPING FIRST FLOOR PLAN - AREA B2	M201B2
9	MECHANICAL PIPING FIRST FLOOR PLAN - AREA B3	M201B3
10	MECHANICAL PIPING FIRST FLOOR PLAN - AREA C1	M201C1
11	MECHANICAL PIPING FIRST FLOOR PLAN - AREA C2	M201C2
12	MECHANICAL PIPING SECOND FLOOR PLAN - OVERALL	M202
13	MECHANICAL PIPING SECOND FLOOR PLAN - AREA A1	M202A1
14	MECHANICAL PIPING SECOND FLOOR PLAN - AREA A2	M202A2
15	MECHANICAL PIPING SECOND FLOOR PLAN - AREA A3	M202A3
16	MECHANICAL PIPING SECOND FLOOR PLAN - AREA A4	M202A4
17	MECHANICAL PIPING SECOND FLOOR PLAN - AREA B1	M202B1
18	MECHANICAL PIPING SECOND FLOOR PLAN - AREA B2	M202B2
19	MECHANICAL PIPING SECOND FLOOR PLAN - AREA B3	M202B3
20	MECHANICAL PIPING SECOND FLOOR PLAN - AREA C1	M202C1
21	MECHANICAL PIPING SECOND FLOOR PLAN - AREA C2	M202C2
22	MECHANICAL PIPING THIRD FLOOR PLAN - OVERALL	M203
23	MECHANICAL PIPING THIRD FLOOR PLAN - AREA A1	M203A1
23	MECHANICAL PIPING THIRD FLOOR PLAN - AREA A2	M203A2
25	MECHANICAL PIPING THIRD FLOOR PLAN - AREA A3	M203A3
25 26	MECHANICAL PIPING THIRD FLOOR PLAN - AREA A4	M203A3
20 27	MECHANICAL PIPING THIRD FLOOR PLAN - AREA B1	M203R4 M203B1
28	MECHANICAL PIPING THIRD FLOOR PLAN - AREA BI MECHANICAL PIPING THIRD FLOOR PLAN - AREA B2	M203B2
28 29	MECHANICAL PIPING THIRD FLOOR PLAN - AREA B2 MECHANICAL PIPING THIRD FLOOR PLAN - AREA B3	M203B2 M203B3
29 30	MECHANICAL PIPING THIRD FLOOR PLAN - AREA 55 MECHANICAL PIPING THIRD FLOOR PLAN - AREA C1	
		M203C1
31	MECHANICAL PIPING THIRD FLOOR PLAN - AREA C2	M203C2
32	MECHANICAL PIPING FOURTH FLOOR PLAN - OVERALL	M204
33	MECHANICAL PIPING FOURTH FLOOR PLAN - AREA A1	M204A1
34	MECHANICAL PIPING FOURTH FLOOR PLAN - AREA A2	M204A2
35	MECHANICAL PIPING FOURTH FLOOR PLAN - AREA A3	M204A3
36	MECHANICAL PIPING FOURTH FLOOR PLAN - AREA A4	M204A4
37	MECHANICAL PIPING FOURTH FLOOR PLAN - AREA B1	M204B1
38	MECHANICAL PIPING FOURTH FLOOR PLAN - AREA B2	M204B2
39	MECHANICAL PIPING FOURTH FLOOR PLAN - AREA B3	M204B3
40	MECHANICAL PIPING FOURTH FLOOR PLAN - AREA C1	M204C1
41	MECHANICAL PIPING FOURTH FLOOR PLAN - AREA C2	M204C2
42	MECHANICAL PIPING FIFTH FLOOR PLAN - OVERALL	M205
43	MECHANICAL PIPING FIFTH FLOOR PLAN - AREA A1	M205A1
44	MECHANICAL PIPING FIFTH FLOOR PLAN - AREA A2	M205A2
45	MECHANICAL PIPING FIFTH FLOOR PLAN - AREA A3	M205A3
46	MECHANICAL PIPING FIFTH FLOOR PLAN - AREA A4	M205A4
47	MECHANICAL PIPING FIFTH FLOOR PLAN - AREA B1	M205B1
48	MECHANICAL PIPING FIFTH FLOOR PLAN - AREA B2	M205B2
49	MECHANICAL PIPING FIFTH FLOOR PLAN - AREA B3	M205B3
50	MECHANICAL PIPING FIFTH FLOOR PLAN - AREA C1	M205C1
51	MECHANICAL PIPING FIFTH FLOOR PLAN - AREA C2	M205C2
52	MECHANICAL PIPING SIXTH FLOOR PLAN - OVERALL	M206
53	MECHANICAL PIPING SIXTH FLOOR PLAN - AREA A1	M206A1
54	MECHANICAL PIPING SIXTH FLOOR PLAN - AREA A3	M206A3
55	MECHANICAL PIPING SIXTH FLOOR PLAN - AREA A4	M206A4
56	MECHANICAL PIPING SIXTH FLOOR PLAN - AREA B1	M206B1
57	MECHANICAL PIPING SIXTH FLOOR PLAN - AREA B2	M206B2
	TC-22	

1	MECHANICAL PIPING SIXTH FLOOR PLAN - AREA B3	M206B3
2	MECHANICAL PIPING SIXTH FLOOR PLAN - AREA C2	M206C2
3		
4		
5	VOLUME 10	
6	COVER DRAWING - VOLUME 10	T101
7	DRAWING INDEX - VOLUME 10	T102
8	DRAWING INDEX - VOLUME 10	T103
9		
10	HVAC	
11	MECHANICAL SECTIONS	M500
12	MECHANICAL SECTIONS	M501
13	MECHANICAL SECTIONS	M502
14	MECHANICAL SECTIONS	M503
15	MECHANICAL SECTIONS	M504
16	MECHANICAL SECTIONS	M505
17	MECHANICAL DETAILS	M600
18	MECHANICAL DETAILS	M601
19	MECHANICAL DETAILS	M602
20	MECHANICAL DETAILS	M603
21	MECHANICAL DETAILS	M604
22	MECHANICAL DETAILS	M605
23	MECHANICAL DETAILS	M606
23 24	MECHANICAL DETAILS	M600
2 4 25	MECHANICAL DETAILS MECHANICAL DETAILS	M608
23 26	MECHANICAL DETAILS MECHANICAL DETAILS	M609
20 27	MECHANICAL DETAILS MECHANICAL DETAILS	M610
27	MECHANICAL DETAILS MECHANICAL DETAILS	M611
28 29	MECHANICAL DETAILS MECHANICAL DETAILS	M612
30	MECHANICAL DETAILS	M613
31	MECHANICAL DETAILS	M614
32	MECHANICAL FLOW DIAGRAMS SYMBOLS AND ABBREVIATIONS	M700
33	BUILDING AUTOMATION SYSTEM ARCHITECTURE	M701
34	BUILDING AUTOMATION SMOKE CONTROL SYSTEM ARCHITECTURE	M702
35	AIR QUALITY MONITORING SYSTEM ARCHITECTURE	M703
36	FIREFIGHTER HVAC OVERRIDE PANEL DETAIL	M704
37	STEAM AND STEAM CONDENSATE FLOW DIAGRAM	M710
38	HEATING HOT WATER FLOW DIAGRAM	M711
39	CHILLED WATER & PROCESS COOLING WATER FLOW DIAGRAM	M712
40	HEAT RECLAIM WATER FLOW DIAGRAM	M713
41	AHU-1A & AHU-1B FLOW DIAGRAM (LABORATORY AHUS)	M720
42	AHU-1C, AHU-1D, & AHU-1E FLOW DIAGRAM (LABORATORY AHUS)	M721
43	EF-2A, EF-2B, & EF-2C FLOW DIAGRAM (FUME EXHAUST)	M722
44	OVERVIEW LAB AIR SYSTEM FLOW DIAGRAM	M723
45	AHU-3A & AHU-3B FLOW DIAGRAM (OFFICE AHUS)	M724
46	RETURN FAN (RF-3) & PENTHOUSE HVAC FLOW DIAGRAM	M725
47	OVERVIEW OFFICE AIR SYSTEM FLOW DIAGRAM	M726
48	AHU-4A & AHU-4B FLOW DIAGRAM (VIVARIM AHUS)	M727
49	EF-4A & EF-4B FLOW DIAGRAM (VIVARIUM EXHAUST)	M728
50	ACID EXHAUST FLOW DIAGRAMS	M729
51	AHU-8 FLOW DIAGRAM (STAIRWELL PRESSURIZATION)	M730
52	ROOM HVAC FLOW DIAGRAMS	M740
53	ROOM HVAC FLOW DIAGRAMS	M741
54	ROOM HVAC FLOW DIAGRAMS	M742
55	ROOM HVAC FLOW DIAGRAMS	M743
56	ROOM HVAC FLOW DIAGRAMS	M744
57	MISCELLANEOUS BUILDING AUTOMATION SYSTEM FLOW DIAGRAMS	M745
51	TC-23	111/10

1	MECHANICAL SCHEDULES	M800
2	MECHANICAL SCHEDULES	M801
3	MECHANICAL SCHEDULES	M802
4	MECHANICAL SCHEDULES	M803
5	MECHANICAL SCHEDULES	M804
6	MECHANICAL SCHEDULES	M805
7	MECHANICAL SCHEDULES	M806
8	MECHANICAL SCHEDULES	M807
9	MECHANICAL SCHEDULES	M808
10	MECHANICAL SCHEDULES	M809
11	MECHANICAL SCHEDULES	M810
12	MECHANICAL SCHEDULES	M811
13	MECHANICAL SCHEDULES	M812
14	MECHANICAL SCHEDULES	M813
15	MECHANICAL SCHEDULES	M814
16	MECHANICAL SCHEDULES	M815
17	MECHANICAL SCHEDULES	M816
18	MECHANICAL SCHEDULES	M817
19	MECHANICAL SCHEDULES	M818
20	MECHANICAL SCHEDULES	M819
21	MECHANICAL SCHEDULES	M820
22	MECHANICAL SCHEDULES	M821
23	MECHANICAL SCHEDULES	M822
24		
25		
26	VOLUME 11	
27	COVER DRAWING - VOLUME 11	T111
28	DRAWING INDEX - VOLUME 11	T112
29	DRAWING INDEX - VOLUME 11	T113
30		
31	ELECTRICAL	
32	ELECTRICAL SYMBOLS & ABBREVIATIONS	E000
33	ELECTRICAL SITE PLAN (NEW WORK)	E010
34	ELECTRICAL DEMOLITION SITE PLAN	E020
35	ENLARGED ELECTRICAL SITE PLAN - SERVICE YARD	E030
36	ELECTRICAL LIGHTING FIRST FLOOR PLAN - AREA A	E101A
37	ELECTRICAL LIGHTING FIRST FLOOR PLAN - AREA B	E101B
38	ELECTRICAL LIGHTING FIRST FLOOR PLAN - AREA C	E101C
39	ELECTRICAL LIGHTING SECOND FLOOR PLAN - AREA A	E102A
40	ELECTRICAL LIGHTING SECOND FLOOR PLAN - AREA B	E102B
41	ELECTRICAL LIGHTING SECOND FLOOR PLAN - AREA C	E102C
42	ELECTRICAL LIGHTING THIRD FLOOR PLAN - AREA A	E103A
43	ELECTRICAL LIGHTING THIRD FLOOR PLAN - AREA B	E103B
44	ELECTRICAL LIGHTING THIRD FLOOR PLAN - AREA C	E103C
45	ELECTRICAL LIGHTING FOURTH FLOOR PLAN - AREA A	E104A
46	ELECTRICAL LIGHTING FOURTH FLOOR PLAN - AREA B	E104B
47	ELECTRICAL LIGHTING FOURTH FLOOR PLAN - AREA C	E104C
48	ELECTRICAL LIGHTING FIFTH FLOOR PLAN - AREA A	E105A
49	ELECTRICAL LIGHTING FIFTH FLOOR PLAN - AREA B	E105B
50	ELECTRICAL LIGHTING FIFTH FLOOR PLAN - AREA C	E105C
51	ELECTRICAL LIGHTING SIXTH FLOOR PLAN - AREA A	E106A
52	ELECTRICAL LIGHTING SIXTH FLOOR PLAN - AREA B	E106B
53	ELECTRICAL LIGHTING SIXTH FLOOR PLAN - AREA C	E106C
54	ELECTRICAL POWER UNDERFLOOR PLAN - CONDUIT	E200
55	ELECTRICAL POWER FIRST FLOOR PLAN - CONDUIT	E201
56	ELECTRICAL POWER FIRST FLOOR PLAN - AREA A	E201A
57	ELECTRICAL POWER FIRST FLOOR PLAN - AREA B	E201B
	TC-24	

1	ELECTRICAL POWER FIRST FLOOR PLAN - AREA C	E201C
2	ELECTRICAL POWER SECOND FLOOR PLAN - CONDUIT	E202
3	ELECTRICAL POWER SECOND FLOOR PLAN - AREA A	E202A
4	ELECTRICAL POWER SECOND FLOOR PLAN - AREA B	E202B
5	ELECTRICAL POWER SECOND FLOOR PLAN - AREA C	E202C
6	ELECTRICAL POWER THIRD FLOOR PLAN - CONDUIT	E203
7	ELECTRICAL POWER THIRD FLOOR PLAN - AREA A	E203A
8	ELECTRICAL POWER THIRD FLOOR PLAN - AREA B	E203B
9	ELECTRICAL POWER THIRD FLOOR PLAN - AREA C	E203C
10	ELECTRICAL POWER FOURTH FLOOR PLAN - CONDUIT	E204
11	ELECTRICAL POWER FOURTH FLOOR PLAN - AREA A	E204A
12	ELECTRICAL POWER FOURTH FLOOR PLAN - AREA B	E204B
13	ELECTRICAL POWER FOURTH FLOOR PLAN - AREA C	E204C
14	ELECTRICAL POWER FIFTH FLOOR PLAN - CONDUIT	E205
15	ELECTRICAL POWER FIFTH FLOOR PLAN - AREA A	E205A
16	ELECTRICAL POWER FIFTH FLOOR PLAN - AREA B	E205B
17	ELECTRICAL POWER FIFTH FLOOR PLAN - AREA C	E205C
18	ELECTRICAL POWER SIXTH FLOOR PLAN - CONDUIT	E206
19	ELECTRICAL POWER SIXTH FLOOR PLAN - AREA A	E206A
20	ELECTRICAL POWER SIXTH FLOOR PLAN - AREA B	E206B
21	ELECTRICAL POWER SIXTH FLOOR PLAN - AREA C	E206C
22	ELECTRICAL POWER ROOF PLAN - SOLAR	E207
23	ELECTRICAL POWER ROOF PLAN - AREA A	E207A
24	ELECTRICAL POWER ROOF PLAN - AREA B	E207B
25	ELECTRICAL POWER ROOF PLAN - AREA C	E207C
26	ELECTRICAL SYSTEMS FIRST FLOOR PLAN - AREA A	E301A
27	ELECTRICAL SYSTEMS FIRST FLOOR PLAN - AREA B	E301B
28	ELECTRICAL SYSTEMS FIRST FLOOR PLAN - AREA C	E301C
29	ELECTRICAL SYSTEMS SECOND FLOOR PLAN - AREA A	E302A
30	ELECTRICAL SYSTEMS SECOND FLOOR PLAN - AREA B	E302B
31	ELECTRICAL SYSTEMS SECOND FLOOR PLAN - AREA C	E302C
32	ELECTRICAL SYSTEMS THIRD FLOOR PLAN - AREA A	E303A
33	ELECTRICAL SYSTEMS THIRD FLOOR PLAN - AREA B	E303B
34	ELECTRICAL SYSTEMS THIRD FLOOR PLAN - AREA C	E303D
35	ELECTRICAL SYSTEMS FOURTH FLOOR PLAN - AREA A	E304A
36	ELECTRICAL SYSTEMS FOURTH FLOOR PLAN - AREA B	E304A E304B
37	ELECTRICAL SYSTEMS FOURTH FLOOR PLAN - AREA D	E304D E304C
38	ELECTRICAL SYSTEMS FIGURITITIOOR FLAN - AREA C	E304C E305A
38 39	ELECTRICAL SYSTEMS FIFTH FLOOR PLAN - AREA A ELECTRICAL SYSTEMS FIFTH FLOOR PLAN - AREA B	E305A E305B
40	ELECTRICAL SYSTEMS FIFTH FLOOR PLAN - AREA B	E305B E305C
40 41	ELECTRICAL SYSTEMS FIFTH FLOOR FLAN - AREA C ELECTRICAL SYSTEMS SIXTH FLOOR PLAN - AREA A	E306A
41	ELECTRICAL SYSTEMS SIXTH FLOOR FLAN - AREA A ELECTRICAL SYSTEMS SIXTH FLOOR PLAN - AREA B	E306A E306B
42 43		E306B E306C
	ELECTRICAL SYSTEMS SIXTH FLOOR PLAN - AREA C	
44 45	ENLARGED PLANS	E500
45	ENLARGED PLANS	E501
46	ENLARGED PLANS	E502
47	ENLARGED PLANS	E503
48	ENLARGED PLANS	E504
49 50	ENLARGED PLANS	E505
50		

1	VOLUME 12	
2	COVER DRAWING - VOLUME 12	T121
3	DRAWING INDEX - VOLUME 12	T122
4	DRAWING INDEX - VOLUME 12	T123
5		
6	ELECTRICAL	
7	ELECTRICAL DETAILS - STAIR A - SECTION AND ISOMETRIC	E600
8	ELECTRICAL DETAILS - STAIR B - SECTION AND ISOMETRIC	E601
9	ELECTRICAL DETAILS - STAIR C - SECTION AND ISOMETRIC	E602
10	ELECTRICAL DETAILS - STAIR D - SECTION AND ISOMETRIC	E603
11	ELECTRICAL DETAILS	E604
12	ELECTRICAL DETAILS	E605
13 14	ELECTRICAL DETAILS ELECTRICAL DETAILS	E606 E607
14 15	ELECTRICAL DETAILS ELECTRICAL DETAILS	E607 E608
15	ELECTRICAL DETAILS	E609
10	ELECTRICAL DETAILS	E610
18	ELECTRICAL DETAILS	E611
19	ELECTRICAL DETAILS	E612
20	ELECTRICAL MEDIUM VOLTAGE CAMPUS ONE-LINE - NEW WORK	E700
21	ELECTRICAL MEDIUM VOLTAGE CAMPUS ONE-LINE - DEMO	E700D
22	ELECTRICAL NORMAL POWER RISER DIAGRAM	E701
23	ELECTRICAL NORMAL POWER RISER DIAGRAM	E702
24	ELECTRICAL EMERGENCY/STANDBY POWER RISER DIAGRAM	E703
25	ELECTRICAL EMERGENCY/STANDBY POWER RISER DIAGRAM	E704
26	ELECTRICAL GROUNDING RISER DIAGRAM	E705
27	FIRE ALARM RISER DIAGRAM	E706
28	ELECTRICAL SOLAR POWER ONE-LINE DIAGRAM	E707
29	ELECTRICAL CONDUIT AND WIRE SCHEDULES	E800
30	ELECTRICAL EQUIPMENT SCHEDULE	E801A
31	ELECTRICAL EQUIPMENT SCHEDULE	E801B
32 33	ELECTRICAL LUMINAIRE SCHEDULE ELECTRICAL LUMINAIRE SCHEDULE	E802
33 34	ELECTRICAL LUMINAIRE SCHEDULE ELECTRICAL LUMINAIRE CONTROL SCHEDULES	E803 E804
34	ELECTRICAL FIRE ALARM MATRIX	E805
36	ELECTRICAL FIRE ALARM MATRIX ELECTRICAL - SOLAR PV SYSTEM DESIGN REQUIRMENTS	E805
37	ELECTRICAL PANEL SCHEDULES - FIRST FLOOR	E820
38	ELECTRICAL PANEL SCHEDULES - FIRST FLOOR	E821
39	ELECTRICAL PANEL SCHEDULES - FIRST FLOOR	E822
40	ELECTRICAL PANEL SCHEDULES - FIRST FLOOR	E823
41	ELECTRICAL PANEL SCHEDULES - FIRST FLOOR	E824
42	ELECTRICAL PANEL SCHEDULES - FIRST FLOOR	E825
43	ELECTRICAL PANEL SCHEDULES - FIRST FLOOR	E826
44	ELECTRICAL PANEL SCHEDULES - FIRST FLOOR	E827
45	ELECTRICAL PANEL SCHEDULES - FIRST FLOOR	E828
46	ELECTRICAL PANEL SCHEDULES - SECOND FLOOR	E829
47	ELECTRICAL PANEL SCHEDULES - SECOND FLOOR	E830
48	ELECTRICAL PANEL SCHEDULES - SECOND FLOOR	E831
49 50	ELECTRICAL PANEL SCHEDULES - SECOND FLOOR ELECTRICAL PANEL SCHEDULES - SECOND FLOOR	E832 E833
50 51	ELECTRICAL PANEL SCHEDULES - SECOND FLOOR ELECTRICAL PANEL SCHEDULES - SECOND FLOOR	E835 E834
51 52	ELECTRICAL PANEL SCHEDULES - SECOND FLOOR ELECTRICAL PANEL SCHEDULES - SECOND FLOOR	E834 E835
52 53	ELECTRICAL PANEL SCHEDULES - SECOND FLOOR	E835 E836
55 54	ELECTRICAL PANEL SCHEDULES - SECOND FLOOR	E837
55	ELECTRICAL PANEL SCHEDULES - THIRD FLOOR	E838
56	ELECTRICAL PANEL SCHEDULES - THIRD FLOOR	E839
57	ELECTRICAL PANEL SCHEDULES - THIRD FLOOR	E840
	TC-26	

1	ELECTRICAL PANEL SCHEDULES - THIRD FLOOR	E841
2	ELECTRICAL PANEL SCHEDULES - THIRD FLOOR	E842
3	ELECTRICAL PANEL SCHEDULES - THIRD FLOOR	E843
4	ELECTRICAL PANEL SCHEDULES - THIRD FLOOR	E844
5	ELECTRICAL PANEL SCHEDULES - THIRD FLOOR	E845
6	ELECTRICAL PANEL SCHEDULES - FOURTH FLOOR	E846
7	ELECTRICAL PANEL SCHEDULES - FOURTH FLOOR	E847
8	ELECTRICAL PANEL SCHEDULES - FOURTH FLOOR	E848
9	ELECTRICAL PANEL SCHEDULES - FOURTH FLOOR	E849
10	ELECTRICAL PANEL SCHEDULES - FOURTH FLOOR	E850
11	ELECTRICAL PANEL SCHEDULES - FOURTH FLOOR	E851
12	ELECTRICAL PANEL SCHEDULES - FOURTH FLOOR	E852
13	ELECTRICAL PANEL SCHEDULES - FOURTH FLOOR	E853
14	ELECTRICAL PANEL SCHEDULES - FIFTH FLOOR	E854
15	ELECTRICAL PANEL SCHEDULES - FIFTH FLOOR	E855
16	ELECTRICAL PANEL SCHEDULES - FIFTH FLOOR	E856
17	ELECTRICAL PANEL SCHEDULES - FIFTH FLOOR	E857
18	ELECTRICAL PANEL SCHEDULES - FIFTH FLOOR	E858
19	ELECTRICAL PANEL SCHEDULES - FIFTH FLOOR	E859
20	ELECTRICAL PANEL SCHEDULES - FIFTH FLOOR	E860
21	ELECTRICAL PANEL SCHEDULES - FIFTH FLOOR	E861
22	ELECTRICAL PANEL SCHEDULES - SIXTH FLOOR	E862
23	ELECTRICAL PANEL SCHEDULES - SIXTH FLOOR	E863
24	ELECTRICAL PANEL SCHEDULES - SIXTH FLOOR	E864
25	ELECTRICAL PANEL SCHEDULES - SIXTH FLOOR	E865
26	ELECTRICAL SITE LIGHTING CALCULATIONS	ELC010
27	ELECTRICAL LIGHTING EGRESS CALCULATION FIRST FLOOR PLAN - AREA A	ELC101A
28	ELECTRICAL LIGHTING EGRESS CALCULATION FIRST FLOOR PLAN - AREA B	ELC101B
29	ELECTRICAL LIGHTING EGRESS CALCULATION FIRST FLOOR PLAN - AREA C	ELC101C
30	ELECTRICAL LIGHTING EGRESS CALCULATION SECOND FLOOR PLAN - AREA A	ELC102A
31	ELECTRICAL LIGHTING EGRESS CALCULATION SECOND FLOOR PLAN - AREA B	ELC102B
32	ELECTRICAL LIGHTING EGRESS CALCULATION SECOND FLOOR PLAN - AREA C	ELC102C
33	ELECTRICAL LIGHTING EGRESS CALCULATION THIRD FLOOR PLAN - AREA A	ELC103A
34	ELECTRICAL LIGHTING EGRESS CALCULATION THIRD FLOOR PLAN - AREA B	ELC103B
35	ELECTRICAL LIGHTING EGRESS CALCULATION THIRD FLOOR PLAN - AREA C	ELC103C
36	ELECTRICAL LIGHTING EGRESS CALCULATION FOURTH FLOOR PLAN - AREA A	ELC104A
37	ELECTRICAL LIGHTING EGRESS CALCULATION FOURTH FLOOR PLAN - AREA B	ELC104B
38	ELECTRICAL LIGHTING EGRESS CALCULATION FOURTH FLOOR PLAN - AREA C	ELC104C
39	ELECTRICAL LIGHTING EGRESS CALCULATION FIFTH FLOOR PLAN - AREA A	ELC105A
40	ELECTRICAL LIGHTING EGRESS CALCULATION FIFTH FLOOR PLAN - AREA B	ELC105B
41	ELECTRICAL LIGHTING EGRESS CALCULATION FIFTH FLOOR PLAN - AREA C	ELC105C
42	ELECTRICAL LIGHTING EGRESS CALCULATION SIXTH FLOOR PLAN - AREA A	ELC106A
43 44	ELECTRICAL LIGHTING EGRESS CALCULATION SIXTH FLOOR PLAN - AREA B ELECTRICAL LIGHTING EGRESS CALCULATION SIXTH FLOOR PLAN - AREA C	ELC106B ELC106C
44 45	ELECTRICAL LIGHTING EGRESS CALCULATION SIATH FLOOR PLAN - AREA C	ELCIUOC
43 46		
40 47	VOLUME 13	
47 48	COVER DRAWING - VOLUME 13	T131
40 49	DRAWING INDEX - VOLUME 13	T131 T132
49 50	DRAWING INDEX - VOLUME 13 DRAWING INDEX - VOLUME 13	T132 T133
50 51	DRAWING INDEX - VOLUME 15	1155
52	COMMUNICATIONS	
52 53	COMMUNICATIONS COMMUNICATIONS SYMBOLS & ABBREVIATIONS	Q000
53 54	COMMUNICATIONS FIRST FLOOR PLAN - AREA A	Q000 Q101A
55	COMMUNICATIONS FIRST FLOOR PLAN - AREA B	Q101A Q101B
55 56	COMMUNICATIONS FIRST FLOOR PLAN - AREA D	Q101D Q101C
50 57	COMMUNICATIONS SECOND FLOOR PLAN - AREA A	Q101C Q102A
2.	TC-27	×
	···-·	

1	COMMUNICATIONS SECOND FLOOR PLAN - AREA B	Q102B
2	COMMUNICATIONS SECOND FLOOR PLAN - AREA C	Q102C
3	COMMUNICATIONS THIRD FLOOR PLAN - AREA A	Q103A
4	COMMUNICATIONS THIRD FLOOR PLAN - AREA B	Q103B
5	COMMUNICATIONS THIRD FLOOR PLAN - AREA C	Q103C
6	COMMUNICATIONS FOURTH FLOOR PLAN - AREA A	Q104A
7	COMMUNICATIONS FOURTH FLOOR PLAN - AREA B	Q104B
8	COMMUNICATIONS FOURTH FLOOR PLAN - AREA C	Q104C
9	COMMUNICATIONS FIFTH FLOOR PLAN - AREA A	Q105A
10	COMMUNICATIONS FIFTH FLOOR PLAN - AREA B	Q105B
11	COMMUNICATIONS FIFTH FLOOR PLAN - AREA C	Q105C
12	COMMUNICATIONS SIXTH FLOOR PLAN - AREA A	Q106A
13	COMMUNICATIONS SIXTH FLOOR PLAN - AREA B	Q106B
14	COMMUNICATIONS SIXTH FLOOR PLAN - AREA C	Q106C
15	ENLARGED PLANS - HPE DATA CENTER	Q500
16	ENLARGED TELECOM ROOM PLANS - TR 1204	Q501
17	ENLARGED TELECOM ROOM PLANS - TR 1124	Q502
18	ENLARGED TELECOM ROOM PLANS - TR 2208	Q503
19	ENLARGED TELECOM ROOM PLANS - TR 2030	Q504
20	ENLARGED TELECOM ROOM PLANS - TR 3208	Q505
21	ENLARGED TELECOM ROOM PLANS - TR 3030	Q506
22	ENLARGED TELECOM ROOM PLANS - TR 4208	Q507
23	ENLARGED TELECOM ROOM PLANS - TR 4030	Q508
24	ENLARGED TELECOM ROOM PLANS - TR 5208	Q509
25	ENLARGED TELECOM ROOM PLANS - TR 5030	Q510
26	SECURITY DETAILS	Q600
20 27	COMMUNICATIONS DETAILS	Q601
28	COMMUNICATIONS DETAILS	Q602
20 29	COMMUNICATIONS CABLE RISER	Q700
30		2,00
31	AUDIO VISUAL	
32	AUDIO VISUAL SYMBOLS & ABBREVIATIONS	V000
33	AUDIO VISUAL FIRST FLOOR PLAN - AREA A	V101A
34	AUDIO VISUAL FIRST FLOOR PLAN - AREA B	V101R V101B
35	AUDIO VISUAL FIRST FLOOR PLAN - AREA C	V101D V101C
36	AUDIO VISUAL SECOND FLOOR PLAN - AREA A	V101C V102A
37	AUDIO VISUAL SECOND FLOOR PLAN - AREA B	V102A V102B
38	AUDIO VISUAL SECOND FLOOR PLAN - AREA D	V102B V102C
39	AUDIO VISUAL SLEOND FLOOR FLAN - AREA C AUDIO VISUAL THIRD FLOOR PLAN - AREA A	V102C V103A
40	AUDIO VISUAL THIRD FLOOR PLAN - AREA A AUDIO VISUAL THIRD FLOOR PLAN - AREA B	V103A V103B
40 41	AUDIO VISUAL THIRD FLOOR PLAN - AREA B AUDIO VISUAL THIRD FLOOR PLAN - AREA C	V103B V103C
41	AUDIO VISUAL FOURTH FLOOR PLAN - AREA C	V103C V104A
42 43	AUDIO VISUAL FOURTH FLOOR FLAN - AREA A AUDIO VISUAL FOURTH FLOOR PLAN - AREA B	V104A V104B
43 44	AUDIO VISUAL FOURTH FLOOR FLAN - AREA B AUDIO VISUAL FOURTH FLOOR PLAN - AREA C	V104B V104C
44 45		
43 46	AUDIO VISUAL FIFTH FLOOR PLAN - AREA A AUDIO VISUAL FIFTH FLOOR PLAN - AREA B	V105A
40 47	AUDIO VISUAL FIFTH FLOOR PLAN - AREA B AUDIO VISUAL FIFTH FLOOR PLAN - AREA C	V105B
47 48	AUDIO VISUAL FIFTH FLOOR FLAN - AREA C AUDIO VISUAL REFLECTED CEILING PLAN FIRST FLOOR - AREA A	V105C V201A
48 49	AUDIO VISUAL REFLECTED CEILING PLAN FIRST FLOOR - AREA A AUDIO VISUAL REFLECTED CEILING PLAN FIRST FLOOR - AREA B	
49 50	AUDIO VISUAL REFLECTED CEILING PLAN FIRST FLOOR - AREA B AUDIO VISUAL REFLECTED CEILING PLAN FIRST FLOOR - AREA C	V201B V201C
50 51	AUDIO VISUAL REFLECTED CEILING PLAN FIRST FLOOR - AREA C AUDIO VISUAL REFLECTED CEILING PLAN SECOND FLOOR - AREA A	
51 52	AUDIO VISUAL REFLECTED CEILING PLAN SECOND FLOOR - AREA A AUDIO VISUAL REFLECTED CEILING PLAN SECOND FLOOR - AREA B	V202A V202B
52 53	AUDIO VISUAL REFLECTED CEILING PLAN SECOND FLOOR - AREA B AUDIO VISUAL REFLECTED CEILING PLAN SECOND FLOOR - AREA C	V202B
55 54	AUDIO VISUAL REFLECTED CEILING PLAN SECOND FLOOR - AREA C AUDIO VISUAL REFLECTED CEILING PLAN THIRD FLOOR - AREA A	V202C
54 55	AUDIO VISUAL REFLECTED CEILING PLAN THIRD FLOOR - AREA A AUDIO VISUAL REFLECTED CEILING PLAN THIRD FLOOR - AREA B	V203A V203B
55 56	AUDIO VISUAL REFLECTED CEILING PLAN THIRD FLOOR - AREA B AUDIO VISUAL REFLECTED CEILING PLAN THIRD FLOOR - AREA C	V203B
50 57	AUDIO VISUAL REFLECTED CEILING PLAN THIRD FLOOR - AREA C AUDIO VISUAL REFLECTED CEILING PLAN FOURTH FLOOR - AREA A	V203C V204A
51	TC-28	v 204A

1	AUDIO VISUAL REFLECTED CEILING PLAN FOURTH FLOOR - AREA B	V204B
2	AUDIO VISUAL REFLECTED CEILING PLAN FOURTH FLOOR - AREA C	V204C
3	AUDIO VISUAL REFLECTED CEILING PLAN FIFTH FLOOR - AREA A	V205A
4	AUDIO VISUAL REFLECTED CEILING PLAN FIFTH FLOOR - AREA B	V205B
5	AUDIO VISUAL REFLECTED CEILING PLAN FIFTH FLOOR - AREA C	V205C
6	AUDIO VISUAL DETAILS	V600
7	AUDIO VISUAL SYSTEM DIAGRAM	V700
8	AUDIO VISUAL SYSTEM DIAGRAM	V701
9	AUDIO VISUAL SYSTEM DIAGRAM	V702
10	AUDIO VISUAL SYSTEM DIAGRAM	V703
11	AUDIO VISUAL SYSTEM DIAGRAM	V704
12	AUDIO VISUAL SYSTEM DIAGRAM	V705
13	AUDIO VISUAL SYSTEM DIAGRAM	V706
1/		
