

1 **TABLE OF CONTENTS TECHNICAL SPECIFICATIONS** (6/2021)

2
3
4 Division Project No. **19J1D**

5
6 TABLE OF CONTENTS TC-10

7
8 **VOLUME 2**

9
10 **DIVISION 02 – EXISTING CONDITIONS**

| Section | Title | |
|----------------|---|---------------|
| 12 02 05 00 | Common Work Results for Existing Conditions | 02 05 00-5 |
| 13 02 41 13 | Demolition | 02 41 13-8 |
| 14 02 82 13 | Asbestos Abatement | 02 82 13-28 |
| 15 02 87 16.13 | Bird Excrement Removal | 02 87 16.13-2 |

16
17 **DIVISION 03 - CONCRETE**

| Section | Title | |
|-------------|---------------------------------------|-------------|
| 19 03 01 01 | Maintenance of Concrete | 03 01 01-5 |
| 20 03 08 00 | Commissioning of Concrete | 03 08 00-7 |
| 21 03 15 00 | Concrete Accessories Expansion Joints | 03 15 00-4 |
| 22 03 30 00 | Cast-In-Place Concrete | 03 30 00-24 |
| 23 03 54 16 | Hydraulic Cement Underlayment | 03 54 16-2 |

24
25 **DIVISION 04 - MASONRY**

| Section | Title | |
|----------------|--|---------------|
| 27 04 01 20.63 | Brick Masonry Repair | 04 01 20.63-7 |
| 28 04 01 20.64 | Brick Masonry Repointing | 04 01 20.64-7 |
| 29 04 01 30 | Restoration and Cleaning of Masonry in Historic Structures | 04 01 30-18 |
| 30 04 01 40.62 | Stone Repointing | 04 01 40.62-5 |
| 31 04 08 00 | Commissioning of Masonry | 04 08 00-7 |
| 32 04 20 00 | Unit Masonry | 04 20 00-12 |

33
34 **DIVISION 05 - METALS**

| Section | Title | |
|-------------|--------------------------|------------|
| 36 05 12 00 | Structural Steel Framing | 05 12 00-6 |
| 37 05 31 23 | Steel Roof Decking | 05 31 23-4 |
| 38 05 50 00 | Metal Fabrications | 05 50 00-8 |
| 39 05 52 13 | Pipe and Tube Railings | 05 52 13-6 |
| 40 05 53 13 | Bar Gratings | 05 53 13-4 |

41
42 **DIVISION 06 – WOOD, PLASTICS AND COMPOSITES**

| Section | Title | |
|----------------|--|---------------|
| 44 06 10 53 | Miscellaneous Rough Carpentry | 06 10 53-4 |
| 45 06 10 53.01 | Miscellaneous Rough Carpentry – Roofing | 06 10 53.01-2 |
| 46 06 41 16 | Plastic-Laminate-Clad Architectural Cabinets | 06 41 16-6 |
| 47 06 64 00 | Plastic Paneling | 06 64 00-3 |

48
49 **DIVISION 07 - THERMAL AND MOISTURE PROTECTION**

| Section | Title | |
|----------------|--|---------------|
| 51 07 01 50.19 | Preparation for Reroofing | 07 01 50.19-5 |
| 52 07 08 00 | Commissioning of Thermal and Moisture Protection | 07 08 00-17 |
| 53 07 13 26 | Self-Adhering Sheet Waterproofing | 07 13 26-7 |
| 54 07 21 00 | Thermal Insulation | 07 21 00-4 |
| 55 07 21 19 | Foamed-In-Place Insulation | 07 21 19-3 |
| 56 07 27 15 | Nonbituminous Self-Adhering Sheet Air Barriers | 07 27 15-6 |
| 57 07 53 23 | Ethylene-Propylene-Diene-Monomer Roofing | 07 53 23-18 |

| | | | |
|----|----------------------------------|---|---------------|
| 1 | 07 62 00 | Sheet Metal Flashing and Trim | 07 62 00-11 |
| 2 | 07 63 00 | Sheet Metal Roofing Specialties | 07 63 00-10 |
| 3 | 07 84 00 | Fire Stopping | 07 84 00-9 |
| 4 | 07 92 00 | Joint Sealants | 07 92 00-9 |
| 5 | 07 92 19 | Acoustical Joint Sealants | 07 92 19-3 |
| 6 | | | |
| 7 | VOLUME 3 | | |
| 8 | | | |
| 9 | DIVISION 08 - OPENINGS | | |
| 10 | Section | Title | |
| 11 | 08 08 00 | Commissioning of Exterior Building Envelope | 08 08 00-5 |
| 12 | 08 11 13 | Hollow Metal Doors and Frames | 08 11 13-7 |
| 13 | 08 14 00 | Wood Doors | 08 14 00-5 |
| 14 | 08 35 16 | Folding Grilles | 08 35 16-3 |
| 15 | 08 36 13 | Sectional Doors | 08 36 13-7 |
| 16 | 08 41 13 | Aluminum-Framed Entrances and Storefronts | 08 41 13-10 |
| 17 | 08 71 00 | Door Hardware | 08 71 00-31 |
| 18 | 08 80 00 | Glazing | 08 80 00-11 |
| 19 | 08 84 00 | Plastic Glazing | 08 84 00-6 |
| 20 | 08 91 19 | Fixed Louvers | 08 91 19-5 |
| 21 | | | |
| 22 | DIVISION 09 - FINISHES | | |
| 23 | Section | Title | |
| 24 | 09 21 16.23 | Gypsum Board Shaft Wall Assemblies | 09 21 16.23-5 |
| 25 | 09 22 16 | Non-Structural Metal Framing | 09 22 16-4 |
| 26 | 09 23 00 | Gypsum Plastering | 09 23 00-6 |
| 27 | 09 29 00 | Gypsum Board | 09 29 00-5 |
| 28 | 09 30 13 | Tiling | 09 30 13-10 |
| 29 | 09 51 13 | Acoustical Panel Ceilings | 09 51 13-6 |
| 30 | 09 65 13 | Resilient Base and Accessories | 09 65 13-4 |
| 31 | 09 65 19 | Resilient Tile Flooring | 09 65 19-4 |
| 32 | 09 67 23 | Resinous Flooring | 09 67 23-8 |
| 33 | 09 68 13 | Tile Carpeting | 09 68 13-5 |
| 34 | 09 72 00 | Wall Coverings | 09 72 00-4 |
| 35 | 09 91 00 | Painting | 09 91 00-12 |
| 36 | 09 96 11 | High-Performance Coatings | 09 96 11-8 |
| 37 | | | |
| 38 | DIVISION 10 - SPECIALTIES | | |
| 39 | Section | Title | |
| 40 | 10 11 00 | Visual Display Units | 10 11 00-4 |
| 41 | 10 14 19 | Dimensional Letter Signage | 10 14 19-5 |
| 42 | 10 14 23.16 | Room-Identification Panel Signage | 10 14 23.16-5 |
| 43 | 10 21 13.19 | Plastic Toilet Compartments | 10 21 13.19-4 |
| 44 | 10 26 00 | Wall and Door Protection | 10 26 00-4 |
| 45 | 10 28 00 | Toilet and Bath Accessories | 10 28 00-5 |
| 46 | 10 44 13 | Fire Protection Cabinets | 10 44 13-4 |
| 47 | 10 44 16 | Fire Extinguishers | 10 44 16-3 |
| 48 | 10 51 13 | Metal Lockers | 10 51 13-6 |
| 49 | | | |
| 50 | DIVISION 11 - EQUIPMENT | | |
| 51 | Section | Title | |
| 52 | 11 13 13 | Loading Dock Bumpers | 11 13 13-2 |
| 53 | 11 40 00 | Foodservice Equipment | 11 40 00-89 |
| 54 | | | |
| 55 | DIVISION 12 - FURNISHINGS | | |
| 56 | Section | Title | |
| 57 | 12 24 13 | Roller Window Shades | 12 24 13-6 |

| | | | |
|----|---|--|---------------|
| 1 | 12 36 61.16 | Solid Surfacing Countertops | 12 36 61.16-3 |
| 2 | 12 36 61.19 | Quartz Agglomerate Countertops | 12 36 61.19-3 |
| 3 | | | |
| 4 | DIVISION 14 - CONVEYING SYSTEMS | | |
| 5 | Section | Title | |
| 6 | 14 08 00 | Commissioning of Conveying Systems | 14 08 00-4 |
| 7 | 14 21 20 | Traction Elevator Alteration | 14 21 20-4 |
| 8 | 14 42 00 | Vertical Platform Lift | 14 42 00-9 |
| 9 | | | |
| 10 | DIVISION 21 – FIRE SUPPRESSION | | |
| 11 | Section | Title | |
| 12 | 21 05 00 | Common Work Results for Fire Protection | 21 05 00-8 |
| 13 | 21 05 29 | Hangers and Supports for Fire Protection Piping and Equipment | 21 05 29-5 |
| 14 | 21 08 00 | Commissioning of Fire Protection | 21 08 00-9 |
| 15 | 21 10 00 | Water-Based Fire Protection Systems | 21 10 00-10 |
| 16 | | | |
| 17 | DIVISION 22 - PLUMBING | | |
| 18 | Section | Title | |
| 19 | 22 05 00 | Common Work Results for Plumbing | 22 05 00-10 |
| 20 | 22 05 13 | Common Motor Requirements for Plumbing | 22 05 13-3 |
| 21 | 22 05 14 | Plumbing Specialties | 22 05 14-4 |
| 22 | 22 05 15 | Piping Specialties | 22 05 15-3 |
| 23 | 22 05 23 | General Duty Valves for Plumbing Piping | 22 05 23-4 |
| 24 | 22 05 29 | Hangers and Supports for Plumbing Piping and Equipment | 22 05 29-5 |
| 25 | 22 07 00 | Plumbing Insulation | 22 07 00-7 |
| 26 | 22 08 00 | Commissioning of Plumbing | 22 08 00-51 |
| 27 | 22 10 13 | Facility Fuel Piping | 22 10 13-6 |
| 28 | 22 11 00 | Facility Water Distribution | 22 11 00-8 |
| 29 | 22 13 00 | Facility Sanitary Sewerage | 22 13 00-7 |
| 30 | 22 14 00 | Facility Storm Drainage | 22 14 00-8 |
| 31 | 22 30 00 | Plumbing Equipment | 22 30 00-5 |
| 32 | 22 42 00 | Commercial Plumbing Fixtures | 22 42 00-5 |
| 33 | | | |
| 34 | VOLUME 4 | | |
| 35 | | | |
| 36 | DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING (1 of 2) | | |
| 37 | Section | Title | |
| 38 | 23 01 30.51 | HVAC Air Duct Cleaning | 23 01 30.51-3 |
| 39 | 23 05 00 | Common Work Results for HVAC | 23 05 00-7 |
| 40 | 23 05 13 | Common Motor Requirements for HVAC Equipment | 23 05 13-3 |
| 41 | 23 05 14 | Variable Frequency Drives | 23 05 14-6 |
| 42 | 23 05 15 | Piping Specialties | 23 05 15-9 |
| 43 | 23 05 23 | General Duty Valves for HVAC | 23 05 23-10 |
| 44 | 23 05 29 | Hangers and Supports for HVAC Piping and Equipment | 23 05 29-6 |
| 45 | 23 05 48 | Vibration and Seismic Controls for HVAC Piping and Equipment | 23 05 48-4 |
| 46 | 23 05 93 | Testing, Adjusting and Balancing for HVAC | 23 05 93-6 |
| 47 | 23 07 00 | HVAC Insulation | 23 07 00-13 |
| 48 | 23 08 00 | Commissioning of HVAC | 23 08 00-245 |
| 49 | | | |
| 50 | VOLUME 5 | | |
| 51 | | | |
| 52 | DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING (2 of 2) | | |
| 53 | Section | Title | |
| 54 | 23 09 14 | Pneumatic and Electric Controls | 23 09 14-20 |
| 55 | 23 09 15 | DDC Input/Output Summary Tables | 23 09 15-17 |
| 56 | 23 09 24 | Direct Digital Control System for HVAC Informational Purposes Only | 23 09 24-14 |
| 57 | 23 09 93 | Sequence of Operations for HVAC Controls | 23 09 93-33 |

| | | | |
|----|----------|---|-------------|
| 1 | 23 21 13 | Hydronic Piping | 23 21 13-12 |
| 2 | 23 21 23 | Hydronic Pumps | 23 21 23-4 |
| 3 | 23 22 13 | Steam and Condensate Heating Piping | 23 22 13-9 |
| 4 | 23 22 23 | Steam Condensate Pumps | 23 22 23-3 |
| 5 | 23 23 00 | Refrigerant Piping | 23 23 00-3 |
| 6 | 23 25 00 | HVAC Water Treatment | 23 25 00-4 |
| 7 | 23 31 00 | HVAC Ducts and Casings | 23 31 00-10 |
| 8 | 23 33 00 | Air Duct Accessories | 23 33 00-6 |
| 9 | 23 34 00 | HVAC Fans | 23 34 00-4 |
| 10 | 23 36 00 | Air Terminal Units | 23 36 00-5 |
| 11 | 23 37 13 | Diffusers, Registers and Grilles | 23 37 13-4 |
| 12 | 23 41 00 | Particulate Air Filtration | 23 41 00-3 |
| 13 | 23 57 00 | Heat Exchangers for HVAC | 23 57 00-2 |
| 14 | 23 72 00 | Air-To-Air Energy Recovery Equipment | 23 72 00-4 |
| 15 | 23 73 12 | Air Handling Unit Coils | 23 73 12-3 |
| 16 | 23 73 13 | Modular Indoor Central Station Air Handling Units | 23 73 13-7 |
| 17 | 23 73 23 | Factory Fabricated Custom Air-Handling Units | 23 73 23-9 |
| 18 | 23 81 26 | Split-System Ductless Air-conditioners | 23 81 26-6 |
| 19 | 23 82 00 | Heating and Cooling Terminal Units | 23 82 00-4 |

20

21 **VOLUME 6**

22

23 **DIVISION 26 - ELECTRICAL**

| | | | |
|----|-------------|--|---------------|
| 24 | Section | Title | |
| 25 | 26 05 00 | Common Work Results for Electrical | 26 05 00-9 |
| 26 | 26 05 02 | Electrical Demolition for Remodeling | 26 05 02-3 |
| 27 | 26 05 04 | Cleaning, Inspection and Testing Electrical Equipment | 26 05 04-4 |
| 28 | 26 05 13 | Medium Voltage Cables | 26 05 13-6 |
| 29 | 26 05 19 | Low-Voltage Electrical Power Conductors and Cables | 26 05 19-6 |
| 30 | 26 05 23 | Control-Voltage Electrical Power Cables | 26 05 23-3 |
| 31 | 26 05 26 | Grounding and Bonding for Electrical Systems | 26 05 26-6 |
| 32 | 26 05 29 | Hangers and Supports for Electrical Systems | 26 05 29-4 |
| 33 | 26 05 33 | Raceway and Boxes for Electrical Systems | 26 05 33-11 |
| 34 | 26 05 36 | Cable Trays for Electrical Systems | 26 05 36-5 |
| 35 | 26 05 43 | Underground Ducts for Raceways for Electrical Systems | 26 05 43-4 |
| 36 | 26 05 53 | Identification for Electrical Systems | 26 05 53-4 |
| 37 | 26 05 73 | Short Circuit Coordination Study & Arc Flash Risk Assessment | 26 05 73-5 |
| 38 | 26 08 00 | Commissioning of Electrical | 26 08 00-88 |
| 39 | 26 09 43 | Networked and Distributed Digital Lighting Controls | 26 09 43-17 |
| 40 | 26 12 16 | Medium Voltage Transformer Dry Type | 26 12 16-4 |
| 41 | 26 13 16 | Medium Voltage Fusible Interrupter Switchgear | 26 13 16-7 |
| 42 | 26 18 23 | Medium Voltage Surge Arresters | 26 18 23-2 |
| 43 | 26 22 00 | Low-Voltage Transformers | 26 22 00-3 |
| 44 | 26 24 13 | Switchboards | 26 24 13-4 |
| 45 | 26 24 16 | Panelboards | 26 24 16-5 |
| 46 | 26 27 02 | Equipment Wiring Systems | 26 27 02-4 |
| 47 | 26 27 13 | Electricity Metering | 26 27 13-4 |
| 48 | 26 27 26 | Wiring Devices | 26 27 26-7 |
| 49 | 26 27 28 | Disconnect Switches | 26 27 28-2 |
| 50 | 26 27 29 | Elevator Distribution Equipment | 26 27 29-3 |
| 51 | 26 28 13 | Fuses | 26 28 13-1 |
| 52 | 26 28 16 | Enclosed Switches and Circuit Breakers | 26 28 16-2 |
| 53 | 26 29 00 | Low-Voltage Controllers | 26 29 00-4 |
| 54 | 26 32 13.13 | Engine Driven Generator Sets – Diesel | 26 32 13.13-7 |
| 55 | 26 36 00 | Transfer Switches | 26 36 00-5 |
| 56 | 26 43 13 | Surge Protective Devices for Low-Voltage Electrical Power Circuits | 26 43 13-3 |
| 57 | 26 51 13 | Interior Lighting Fixtures | 26 51 13-7 |

| | | | |
|----|--|--|----------------|
| 1 | 26 56 29 | Site Lighting | 26 56 29-6 |
| 2 | | | |
| 3 | DIVISION 27 - COMMUNICATIONS | | |
| 4 | Section | Title | |
| 5 | 27 05 33.41 | Raceway and Boxes for Audio-Video Systems | 27 05 33.41-4 |
| 6 | 27 05 53 | Identification for Communication Systems | 27 05 53-7 |
| 7 | 27 08 00 | Commissioning of Communications Systems | 27 08 00-20 |
| 8 | 27 08 00.41 | AV Systems Commissioning | 27 08 00.41-28 |
| 9 | 27 10 00 | Structured Cabling | 27 10 00-34 |
| 10 | 27 11 00 | Communications Equipment Room Fittings | 27 11 00-6 |
| 11 | 27 11 13 | Communications Protection | 27 11 13-3 |
| 12 | 27 16 19 | Communications Patch Cords, work Area Cords and Cross Connect Wire | 27 16 19-4 |
| 13 | 27 41 00 | Audio Video Systems | 27 41 00-30 |
| 14 | | | |
| 15 | DIVISION 28 – ELECTRONIC SAFETY AND SECURITY | | |
| 16 | Section | Title | |
| 17 | 28 05 37 | Emergency Responder Radio Coverage System | 28 05 37-13 |
| 18 | 28 08 00 | Commissioning of Electronic Safety & Security | 28 08 00-17 |
| 19 | 28 10 00 | Access Control System | 28 10 00-11 |
| 20 | 28 23 00 | Video Surveillance System | 28 23 00-9 |
| 21 | 28 31 00 | Fire Detection and Alarm | 28 31 00-38 |
| 22 | 28 46 20 | Security System Network Switches | 28 46 20-5 |
| 23 | 28 46 30 | Door Control Intercom System | 28 46 30-6 |
| 24 | | | |
| 25 | VOLUME 7 | | |
| 26 | | | |
| 27 | DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK | | |
| 28 | Section | Title | |
| 29 | 30 05 00 | Common Work Results for All Exterior Work | 30 05 00-5 |
| 30 | | | |
| 31 | DIVISION 31 - EARTHWORK | | |
| 32 | Section | Title | |
| 33 | 31 10 00 | Site Clearing | 31 10 00-2 |
| 34 | 31 22 16.15 | Roadway Subgrade Preparation | 31 22 16.15-4 |
| 35 | 31 23 16.13 | Trenching | 31 23 16.13-8 |
| 36 | 31 23 16.16 | Structural Excavation for Minor Structures | 31 23 16.16-4 |
| 37 | 31 23 19 | Dewatering | 31 23 19-2 |
| 38 | 31 25 00 | Erosion Control | 31 25 00-4 |
| 39 | | | |
| 40 | DIVISION 32 – EXTERIOR IMPROVEMENTS | | |
| 41 | Section | Title | |
| 42 | 32 11 23.33 | Dense Graded Base | 32 11 23.33-3 |
| 43 | 32 12 16.13 | Plant-Mix Asphalt Paving | 32 12 16.13-3 |
| 44 | 32 17 23 | Pavement Markings & Permanent Signing | 32 17 23-2 |
| 45 | 32 91 13 | Soil Preparation | 32 91 13-4 |
| 46 | 32 92 19 | Seeding | 32 92 19-3 |
| 47 | | | |
| 48 | DIVISION 33 - UTILITIES | | |
| 49 | Section | Title | |
| 50 | 33 30 00 | Sanitary Sewerage Utilities | 33 30 00-9 |
| 51 | | | |

| | | |
|----|--|-------------|
| 1 | DRAWINGS - Bound Separately | |
| 2 | Title | Sheets Thru |
| 3 | | |
| 4 | VOLUME 1 | |
| 5 | | |
| 6 | GENERAL | |
| 7 | Title Sheet- Volume 1 | G001.1 |
| 8 | Abbreviations & Symbols | G100 |
| 9 | Accessibility Requirements- For Reference | G101 |
| 10 | Accessibility Requirements- For Reference | G102 |
| 11 | Life Safety Plans | G200 |
| 12 | Owner Occupied Spaces During Const. | G400 |
| 13 | Phasing | G401 |
| 14 | | |
| 15 | CIVIL | |
| 16 | Site Phasing Plan - Phase 1 | C001 |
| 17 | Site Phasing Plan - Phase 2 | C002 |
| 18 | Site Demolition Plan | C101 |
| 19 | Site Layout Plan | C102 |
| 20 | Site Grading Plan | C103 |
| 21 | Site Utility Plan | C104 |
| 22 | Site Erosion Control Plan | C105 |
| 23 | Site Erosion Control Details | C201 |
| 24 | Details | C202 |
| 25 | Details | C203 |
| 26 | | |
| 27 | ABATEMENT | |
| 28 | Asbestos Abatement Plan - Basement Floor | H010 |
| 29 | Asbestos Abatement Plan - First Floor | H011 |
| 30 | Asbestos Abatement Plan - Penthouse & Clerestory | H012 |
| 31 | | |
| 32 | ARCHITECTURAL | |
| 33 | Demolition Plans - Basement | A010 |
| 34 | Demolition Plans - First Floor | A011 |
| 35 | Demolition Plans - Penthouse & Clerestory | A012 |
| 36 | Demolition Plans - Roof | A013 |
| 37 | Demolition Reflected Ceiling Plan - Basement | A040 |
| 38 | Demolition Reflected Ceiling Plan - First Floor | A041 |
| 39 | Tile & Concrete Floor Removal & Infill Plans, Basement and First Floor | A050 |
| 40 | Tunnel Plan | A109 |
| 41 | Basement Floor Plan | A110 |
| 42 | First Floor Plan | A111 |
| 43 | Penthouse & Clerestory Plan | A112 |
| 44 | Roof Plan | A113 |
| 45 | Enlarged Plans | A120 |
| 46 | Enlarged Plans | A121 |
| 47 | Reflected Ceiling Plan - Basement | A140 |
| 48 | Reflected Ceiling Plan - First Floor | A141 |
| 49 | Finish Plans - Basement | A160 |
| 50 | Finish Plans - First Floor | A161 |
| 51 | Furnishings Plans - Basement | A180 |
| 52 | Furnishings Plans - First Floor | A181 |
| 53 | Exterior Elevations | A200 |
| 54 | Exterior Elevations | A201 |
| 55 | Building Sections | A300 |
| 56 | Wall Sections | A320 |
| 57 | Details | A400 |
| 58 | Details | A401 |

| | | |
|----|---|-------|
| 1 | Details | A402 |
| 2 | Details | A403 |
| 3 | Room Schedule | A500 |
| 4 | Door Schedule, Door and Frame Types | A501 |
| 5 | Wall Types | A510 |
| 6 | Interior Elevations | A600 |
| 7 | Interior Elevations | A601 |
| 8 | Interior Elevations | A602 |
| 9 | Millwork Details | A700 |
| 10 | Finish Details | A800 |
| 11 | Signage Plans - Basement | A900 |
| 12 | Signage Plans - First Floor | A901 |
| 13 | Signage Plan - Penthouse & Clerestory | A902 |
| 14 | Signage Details | A910 |
| 15 | Signage Details | A911 |
| 16 | Signage Schedule | A920 |
| 17 | | |
| 18 | STRUCTURAL | |
| 19 | General Notes | S001 |
| 20 | General Information | S002 |
| 21 | Foundation Plan | S101 |
| 22 | First Level Plan | S102 |
| 23 | Penthouse Level and Low Roof Framing Plan | S103 |
| 24 | South Roof Framing Plan | S104 |
| 25 | Penthouse Roof Framing Plan | S105 |
| 26 | Elevations | S201 |
| 27 | Elevations | S202 |
| 28 | Enlarged Plans | S301 |
| 29 | Snow Drifting Plan | S303 |
| 30 | Concrete Details | S501 |
| 31 | Concrete Details | S502 |
| 32 | Concrete Details | S503 |
| 33 | Masonry Details | S511 |
| 34 | Steel Details | S521 |
| 35 | Facade Repair Details | S531 |
| 36 | | |
| 37 | FIRE PROTECTION | |
| 38 | Fire Protection General Information | FP001 |
| 39 | Fire Protection Plan - Basement | FP100 |
| 40 | Fire Protection Plan - First Floor | FP101 |
| 41 | Fire Protection Plan - Penthouse | FP102 |
| 42 | Fire Protection Details | FP400 |
| 43 | | |
| 44 | PLUMBING | |
| 45 | Plumbing General Information | P001 |
| 46 | Plumbing Plan - Basement Below Slab - Demo | P010A |
| 47 | Plumbing Plan - Basement - Domestic Water - Demo | P010B |
| 48 | Plumbing Plan - Basement - Sanitary and Vent - Demo | P010C |
| 49 | Plumbing Plan - First Floor - Demo | P011 |
| 50 | Plumbing Enlarged Demo Plans | P020 |
| 51 | Plumbing Plan - Tunnel | P109 |
| 52 | Plumbing Plan - Below Slab | P110A |
| 53 | Plumbing Plan - Basement | P110B |
| 54 | Plumbing Plan - First Floor | P111 |
| 55 | Plumbing Plan - Penthouse | P112 |
| 56 | Plumbing Plan - Roof | P113 |
| 57 | Plumbing Enlarged Plans | P120 |
| 58 | Plumbing Details | P400 |

| | | |
|----|---|--------|
| 1 | Plumbing Details | P401 |
| 2 | Sanitary Isometric Northwest | P601 |
| 3 | Sanitary Isometric Northeast | P602 |
| 4 | Waste And Vent Isometric South | P603 |
| 5 | Domestic Water Isometric North | P604 |
| 6 | Domestic Water Isometric South | P605 |
| 7 | Storm Water Isometric | P606 |
| 8 | | |
| 9 | VOLUME 2 | |
| 10 | | |
| 11 | GENERAL | |
| 12 | Title Sheet - Volume 2 | G001.2 |
| 13 | | |
| 14 | HVAC | |
| 15 | Notes, Symbols and Abbreviations | M001 |
| 16 | Demolition Plan - Basement Floor - HVAC/Piping | M010 |
| 17 | Demolition Plan - First Floor - HVAC/Piping | M011 |
| 18 | Demolition Plan - Roof - HVAC/Piping | M012 |
| 19 | Demolition Plan - Enlarged Equipment Room - Piping | M103 |
| 20 | Demolition Photographs | M104 |
| 21 | Demolition Photographs | M105 |
| 22 | Demolition Photographs | M106 |
| 23 | Tunnel Plans - HVAC/Piping | M109 |
| 24 | Basement Floor - HVAC | M110 |
| 25 | First Floor - HVAC | M111 |
| 26 | Basement Floor - Piping | M130 |
| 27 | First Floor - Piping | M131 |
| 28 | Roof Plan - HVAC/Piping | M132 |
| 29 | Enlarged Mechanical and Pump Room - HVAC/Piping Plans | M301 |
| 30 | Enlarged Demolition Plans - Penthouse - HVAC/Piping | M302 |
| 31 | Enlarged Penthouse - HVAC/Piping | M303 |
| 32 | Mechanical Building Sections | M311 |
| 33 | Mechanical Building Sections | M312 |
| 34 | HVAC Details | M401 |
| 35 | HVAC Details | M402 |
| 36 | HVAC Details | M403 |
| 37 | HVAC Details | M404 |
| 38 | Piping Details | M411 |
| 39 | Piping Details | M412 |
| 40 | Piping Details | M413 |
| 41 | Piping Details | M414 |
| 42 | Piping Details | M415 |
| 43 | Piping Details | M416 |
| 44 | HVAC Schedules | M501 |
| 45 | HVAC Schedules | M502 |
| 46 | Piping Schedules | M511 |
| 47 | Piping Schedules | M512 |
| 48 | Mechanical Flow Schematics | M701 |
| 49 | Mechanical Flow Schematics | M702 |
| 50 | Mechanical Flow Schematics | M703 |
| 51 | Mechanical Flow Schematics | M704 |
| 52 | Mechanical Flow Schematics | M705 |
| 53 | Mechanical Control Schematics | M801 |
| 54 | Mechanical Control Schematics | M802 |
| 55 | Mechanical Control Schematics | M803 |
| 56 | Mechanical Control Schematics | M804 |
| 57 | | |

| | | |
|----|---|-------|
| 1 | ELECTRICAL | |
| 2 | Notes, Symbols & Abbreviations | E001 |
| 3 | Site Plan | E005 |
| 4 | Basement Power and Fire Alarm Demolition Plan | E010 |
| 5 | First Floor Power and Fire Alarm Demolition Plan | E011 |
| 6 | Penthouse Power and Fire Alarm Demolition Plan | E012 |
| 7 | Basement Lighting Demolition Plan | E040 |
| 8 | First Floor Lighting Demolition Plan | E041 |
| 9 | Penthouse Lighting Demolition Plan | E042 |
| 10 | Basement Power and Fire Alarm Plan | E110 |
| 11 | First Floor Power and Fire Alarm Plan | E111 |
| 12 | Penthouse Power and Fire Alarm Plan | E112 |
| 13 | Basement Lighting Plan | E140 |
| 14 | First Floor Lighting Plan | E141 |
| 15 | Penthouse Lighting Plan | E142 |
| 16 | Enlarged Plans | E400 |
| 17 | Enlarged Plans | E401 |
| 18 | Details | E500 |
| 19 | Details | E501 |
| 20 | Details | E502 |
| 21 | Details | E503 |
| 22 | Details | E504 |
| 23 | Schedules | E600 |
| 24 | Schedules | E601 |
| 25 | Schedules | E602 |
| 26 | Schedules | E603 |
| 27 | Schedules | E604 |
| 28 | Schedules | E605 |
| 29 | Schedules | E606 |
| 30 | Demo One-Line Diagram | E700 |
| 31 | Normal One-Line Diagram | E701 |
| 32 | Emergency One-Line Diagram | E702 |
| 33 | Basement Lighting Egress Photometric Plan | EL140 |
| 34 | First Floor Lighting Egress Photometric Plan | EL141 |
| 35 | Stair Lighting Egress Photometric Plans | EL400 |
| 36 | Stair Lighting Egress Photometric Plans | EL401 |
| 37 | | |
| 38 | TELECOM | |
| 39 | Notes, Symbols & Abbreviations | Q001 |
| 40 | Tunnel Communications Demolition Plan | Q009 |
| 41 | Basement Communications Demolition Plan | Q010 |
| 42 | First Floor Communications Demolition Plan | Q011 |
| 43 | Penthouse And Roof Communications Demolition Plan | Q012 |
| 44 | Tunnel Communications and Paging Plan | Q099 |
| 45 | Basement Communications Plan | Q100 |
| 46 | First Floor Communications Plan | Q101 |
| 47 | Penthouse And Roof Communications and Security Plan | Q102 |
| 48 | Basement Security Plan | Q120 |
| 49 | First Floor Security Plan | Q121 |
| 50 | First Floor Audio-Visual Plan | Q141 |
| 51 | Basement Paging Plan | Q160 |
| 52 | First Floor Paging Plan | Q161 |
| 53 | Enlarged Demolition Plans | Q401 |
| 54 | Enlarged Plans - Entrance Room 002 | Q402 |
| 55 | Enlarged Plans - Main Equipment Room 021 | Q403 |
| 56 | Enlarged Plans - TR 102 | Q404 |
| 57 | Enlarged Plans - A/V 138 | Q405 |
| 58 | Enlarged Audio-Visual Plans - Conference Center 140 | Q441 |

| | | |
|----|---|-------|
| 1 | Enlarged Audio-Visual Plans - Conference Room 141 | Q442 |
| 2 | Details | Q501 |
| 3 | Details | Q502 |
| 4 | Details | Q503 |
| 5 | Schedules | Q601 |
| 6 | Riser Diagrams | Q701 |
| 7 | Audio-Visual Riser Diagrams | Q741 |
| 8 | Audio-Visual Riser Diagrams | Q742 |
| 9 | | |
| 10 | FOOD SERVICE | |
| 11 | Food Service Demolition Plan - Basement | FS000 |
| 12 | Food Service Demolition Plan - First Floor | FS001 |
| 13 | Food Service Equipment Overall Plan - Phase 1 | FS101 |
| 14 | Food Service Equipment Plan - Overall First Floor - Phase 2 | FS102 |
| 15 | Food Service Equipment Plan - Basement - Phase 1 | FS110 |
| 16 | Food Service Equipment Plan - First Floor - Phase 1 | FS111 |
| 17 | Food Service Equipment Plan - First Floor - Phase 1 | FS112 |
| 18 | Food Service Equipment Plan - First Floor - Phase 2 | FS113 |
| 19 | Food Service Equipment Plan - First Floor - Phase 2 | FS114 |
| 20 | Food Service Electrical Rough-Ins - Phase 1 | FS210 |
| 21 | Food Service Electrical Rough-Ins - Phase 1 | FS211 |
| 22 | Food Service Electrical Rough-Ins - Phase 1 | FS212 |
| 23 | Food Service Electrical Rough-Ins - Phase 2 | FS213 |
| 24 | Food Service Electrical Rough-Ins - Phase 2 | FS214 |
| 25 | Food Service Plumbing Rough-Ins - Phase 1 | FS310 |
| 26 | Food Service Plumbing Rough-Ins - Phase 1 | FS311 |
| 27 | Food Service Plumbing Rough-Ins - Phase 1 | FS312 |
| 28 | Food Service Plumbing Rough-Ins - Phase 2 | FS313 |
| 29 | Food Service Plumbing Rough-Ins - Phase 2 | FS314 |
| 30 | Food Service Special Conditions Plan - Phase 1 | FS412 |
| 31 | Food Service Special Conditions Plan - Phase 2 | FS413 |
| 32 | Food Service Special Conditions Plan - Phase 2 | FS414 |
| 33 | Food Service Equipment Elevations | FS501 |
| 34 | Food Service Equipment Elevations | FS502 |
| 35 | Food Service Equipment Elevations | FS503 |
| 36 | Food Service Equipment Elevations | FS504 |
| 37 | Food Service Equipment Elevations | FS505 |
| 38 | Details - Hoods | FS601 |
| 39 | Details - Hoods | FS602 |
| 40 | Details - Hoods | FS603 |
| 41 | Details - Hoods | FS604 |
| 42 | Details - Hoods | FS605 |
| 43 | Details - Hoods | FS606 |
| 44 | Details - Hoods | FS607 |
| 45 | Details - Hoods | FS608 |
| 46 | Details - Hoods | FS609 |
| 47 | Details - Hoods | FS610 |
| 48 | Details - Hoods | FS611 |
| 49 | Details - Hoods | FS612 |
| 50 | Details - Hoods | FS613 |
| 51 | Details - Walk-Ins | FS621 |
| 52 | Details - Walk-Ins | FS622 |
| 53 | Details - Walk-Ins | FS623 |
| 54 | Details - Walk-Ins | FS624 |
| 55 | | |
| 56 | *** | |