

EXHIBIT E – DESIGN PHASE DELIVERABLES

- I. Schematic Design
 - A. Table of Contents
 - B. Describes all major building elements and systems, define each building space, the required infrastructure, and its relationship to others within the budgeted construction cost.
 - C. Respond to all soils Geotechnical Report issues, including, but not limited to: excavation, backfill, expansive soils, bearing capacity, differential settlement, perched water, water table, building separation/expansion joints, and cold weather protection.
 - D. Identify how the proposed site plan responds to existing and proposed vehicular traffic, pedestrians, bicycles, and circulation patterns.
 - E. Identify the capacity and feasibility of extending utilities and other infrastructure systems to service the proposed new construction.
 - F. Discuss architectural building program and design issues including building configurations, structure, massing, and fit with existing campus buildings and Master Plan.
 - G. Identify space requirements for the proposed Project, including function, size, and relationship to other spaces. Include space for utility systems, building mechanical, electrical and telecommunications equipment and systems, trash/recycling containers, vending machines, maintenance/custodial spaces including storage, etc.
 - H. Identify applicable codes and standards used as a basis for the design, as well as limitations of the proposed design that will affect the use of the spaces.
 - I. Confirm Owner’s operational materials delivery and shipping/receiving requirements
 - J. Identify elevators, both passenger and freight, as applicable to the Project.
 - K. Identify Furniture/Fixtures and Equipment (FF&E) requirements, both built-in and free-standing.
 - L. Identify proposed architectural exterior elevations, walls, partitions, roofs, major structural systems, mechanical (plumbing, fire protection, HVAC and temperature controls), electrical (lighting, power, fire alarm, security, and telecommunications) systems.
 - M. Identify major Building MEPFP Systems. Provide basic design parameters for mechanical and electrical systems. Include mechanical design temperature criteria for various building zones by season and power and lighting systems design criteria.
 - N. Provide Energy Modeling results, with comparison to ASHRAE baselines for new construction and comparison to existing buildings for renovations.
 - O. Describe floor to floor, floor-to-ceiling and floor-to-structure clearances related to architectural, structural, mechanical, electrical, and other building system requirements. Confirm that ceiling heights and mechanical room spaces are sufficient for installation and service of equipment, corresponding piping, ductwork, and conduit.
 - P. Provide a preliminary Quality Assurance Plan for all testing, observation, and quality control needed for the Project.
 - Q. Documentation of preliminary review meetings and discussions with the state and local building officials, the local fire marshal, etc..
 - R. Describe the basic electrical power supply and distribution systems. Include voltage parameters, load assumptions, short circuit assumptions, equipment sizing assumptions and emergency/standby power equipment assumptions.
 - S. Drawing Requirements:

1. All plan drawings shall have north arrows and all drawings shall have a graphic scale so that when plans are reproduced, the scale can still be determined. Minimum 1/8" = 1'-0" scale of all areas, 1/4" = 1"-0" for areas where clearances are critical, i.e. bathrooms, toilets, stairs and mechanical rooms.
2. Index of Drawings
3. Preliminary code analysis, and building statistics (number of floors, GSF/floor, total GSF, roof area, and building height(s), summarized separately for various areas)
4. Include a copy of all Project site boundary and topographic property surveys
5. Provide site plans showing utility connections, routings, sewage systems, and storm drains. Show where existing utilities will be relocated beyond the new construction structural loading zones. Include north arrow, construction limits, sidewalks, streets, parking lots, handicapped access, landscaped areas, contours, drainage, grading characteristics, utilities, and utility tunnels.
6. Indicate all adjacent existing and new roof areas as to type of roof construction and elevations.
7. Illustrate exterior wall features, elements, dimensions, materials, control joints, expansion joints, and relationship to existing structures.
8. Show fresh air intake locations in relation to building exhaust, vehicular exhaust, cooling towers, loading docks and other pollutant sources. Show air intake elevations and their relation to grade.
9. Include a least one transverse and one longitudinal building cross section through the existing and proposed new building areas. Indicate finished floor and roof elevations.
10. Illustrate foundations, primary structural systems, principle exterior wall construction including through-wall flashings, waterproofing, roof systems, vapor barriers, exterior doors and windows.
11. Provide scale isometric details of all non-right angle and curved construction elements.
12. Provide schematic floor plans of mechanical and electrical equipment rooms, showing adequate space for general access and for removal, repair, and maintenance.
13. Provide preliminary HVAC ductwork system floor plans. Include the locations of outside air supply and exhaust air in relation to each other, loading dock, engine exhaust stacks, plumbing vents, exhaust fans, and other contamination sources.
14. Show the locations of all major mechanical and electrical systems equipment, pumps, boilers, chillers, expansion tanks, heat exchangers, water heaters, energy recovery units, cooling towers, transformers, switchgear, generators, elevator equipment, etc. applicable to the Project.
15. Provide an outline specification for the project

II. Design Development

- A. Table of Contents
- B. Summarize, describe and explain significant changes from the Schematic Design submittal.
- C. Provide a letter summarizing how all SD Review Comments have been addressed in the DD Phase Documents.
- D. Provide written explanation for any SD Review Comments not addressed in the DD Documents.
- E. Document discussions with the AHJ's regarding conformance of the design with applicable codes.
- F. Describe technical design solutions of unique spaces, for example: lighting control, security, power, communications and other special requirements.
- G. Provide draft Project Manual/Specifications for all sections, including manufacturers, standards and performance criteria. Provide complete sections for quality control, concrete, masonry, interior and exterior waterproofing, roofing, exterior windows and curtain walls. Identify specific installation procedures, essential for quality control.
- H. Provide completed calculations and design data which demonstrate that code required guidelines and appropriate ASHRAE design standards have been followed.
- I. List the number of building occupants served by each air handling system and specify minimum outside air quantity in CFM for each supply fan connected to an outdoor intake air louver.
- J. Demonstrate the balance between exhaust air and the minimum volume of mechanically supplied fresh air.
- K. Identify each instance where equipment size or design has led to limitations on equipment installation or service; and identify each instance where equipment, duct, and piping configurations have been compromised by design parameters/limitations.
- L. Document the HVAC unit filtration sequence.
- M. Describe the basic electrical power supply and distribution systems. Include voltage parameters, load assumptions, short circuit assumptions, equipment sizing assumptions and emergency/standby power equipment assumptions.
- N. Describe lighting design parameters, criteria and a list of interior and exterior light levels and lighting system types. Discuss switching and lighting systems, including the use of occupancy sensors, building management systems, photocell and time clock controls. Describe voltage parameters and emergency egress lighting assumptions using generator, lighting inverter or battery backup. Battery backup is not preferred due to maintenance cost and reliability concerns.
- O. Provide manufacturer's cut-sheets for all light fixtures indicating wattage lamp type, size, and service life.
- P. Describe the energy management, building management, temperature controls, fire detection and alarms and building security systems.
- Q. Describe provisions for service entrance, data closets, racks, backboards, grounding, cable trays and access for all telecommunications equipment. Include provisions for cabling throughout the Project areas.
- R. Provide power distribution load calculations for all electrical distribution equipment including switchgear, switchboards, panelboards, motor control centers, etc.

- S. Provide voltage drop calculations for all power circuits. Voltage drop calculations to comply with appropriate ASHRAE energy standards.
- T. Provide lighting calculations for foot candle point by point loading and overall watts per square foot for each building type and space to verify compliance with all energy efficiency codes and standards.
- U. Discuss the further development of the furniture and equipment requirements. Describe furniture and equipment specific requirements, systems, criteria, and features.
- V. Update the Project Schedule with additional data. Include Owner's DD and Construction Document reviews, completion of Construction Documents, recommended procurement (bid) time, and construction. Coordinate other Owner activities such as hazardous materials abatement, as applicable to the overall Project schedule.
- W. Identify possible add and deduct alternates and a statement of the expected cost of each add or deduct alternate.
- X. Include an updated and refined Quality Assurance Plan in chart format, with a complete description of all testing and observations procedures and level of observations for each appropriate Section.
- Y. Provide Energy Modeling results.
- Z. Drawing Requirements:
 - 1. Include north arrow on all plans
 - 2. Key plans shall be on all floor plans
 - 3. Font size shall be minimum 10 pt. on full size drawings
 - 4. Graphic scale must be shown on all scaled drawing
 - 5. Photos of existing conditions are encouraged
 - 6. Title Sheet
 - 7. Index of Drawings
 - 8. Updated building statistics from Schematic Design
 - 9. Project Location Plan
 - 10. Building Summary and Code Analysis
 - 11. Construction phasing and sequencing plan
 - 12. Existing Site Survey
 - 13. Site Drawings - show new and existing: walks, streets, parking, parking striping, construction limits, and handicapped access. Show relationship of new to existing.
 - 14. Civil Drawings - include utilities and site demolition work. Include site contours, drainage, utilities and utility connections, utility tunnels, rough grading and pavements. Show the scope of the building perimeter drain tile system as applicable to the Project
 - 15. Storm Water Pollution Protection Plan (SWPPP)/ Erosion Control Plans
 - 16. Landscape drawings with planting plan
 - 17. Demolition Plan
 - 18. Site Layout Plan
 - 19. Architectural Floor Drawings - use minimum 1/8" = 1'-0" scale of all areas. Use minimum 1/4" = 1'-0" for areas where dimensions or clearances are critical, for example: restrooms, stairs, and utility and equipment rooms.

20. Interior room elevation drawings - identify partition types, doors, windows, elevators, atriums open to below areas, chases, shafts and structural elements. Coordinate with all mechanical, HVAC, plumbing and electrical systems
21. Roof Drawings - overall roof plan showing adjacent roofs (if applicable) and provide elevations of all roof areas, including non-construction areas. Include critical roof details, parapets, roof to wall details, roof penetration details, mechanical curb and roof drain details. Indicate drainage (high and low points of roof membrane surface and slopes); identify primary roof drainage and secondary roof drainage (overflows); and show roof access, roof-mounted equipment, roof control joints, roof expansion joints, roof penetrations and roof curbs. Show fresh air intakes and building exhaust locations.
22. Waterproofing Drawings: Provide separate drawings showing the entire scope for below grade exterior membrane waterproofing
23. Reflected Ceiling Plans - show areas of finishes, soffits, and changes in height, light fixtures, and diffusers. Identify all areas that do not utilize lay-in ceilings. Include access panels noted to indicate location and size for above-ceiling building systems and equipment maintenance.
24. Provide completed Room Finish Schedule
25. Building Elevations Drawings - show all building elevations, through-wall flashing locations (including end dams and step flashings), control and expansion joints, doors, windows and curtain-wall areas
26. Building Sections Drawings - show excavation sub-cut elevations, drain tile, and footing elevations. Include major building sections
27. Pedestrian Traffic Coating Drawings: Provide separate drawings showing the entire scope for interior pedestrian traffic coatings
28. Exterior Wall Section Drawings - include major building interior and exterior wall sections
29. Control and expansion joint details
30. Through-wall flashing details at each type of wall, opening, relief angle and roof system. Details for all typical conditions, unique conditions, and different system interfaces. Show tie-in to existing systems or different configurations and materials. Illustrate inside and outside corners, end dams, continuous rope wicks and if present, step flashings.
31. Sills, thresholds, jambs, and heads of each type of door, louver, window and curtain-wall type. The window and curtain-wall details shall illustrate the relationship to the wall surround, thermal breaks, weeps, anchorage, vapor barriers, and thru-wall flashings.
32. Provide isometric details of all non-right angles and curved construction
33. Foundation Plan Sheets and Structural Drawings
34. Re-bar sizing and plan design
35. Concrete mix designs
36. Structural Framing Plan drawings including location and size of primary and secondary members

37. Structural Roof Framing Plan including location and size of primary members and location and amount of structural slope(s)
38. Sections and Details
39. Mechanical Drawings
40. Mechanical Floor Plans, including floor plans for each major system, at 1/8" = 1'-0" scale minimum, to match architectural, showing clearances for repair and maintenance in all locations. All ductwork drawings shall be drawn to dimensional scale, not single line. Show thermostat control zone areas.
41. Include floor plans and sections for every mechanical equipment room or space at 1/4" = 1'-0" scale minimum, including sections through all equipment and systems.
42. Fire Protection Plans
43. Plumbing Floor Plans
44. Waste and Water Riser diagrams
45. Mechanical Distribution –HVAC Floor Plans and Riser Diagrams
46. Mechanical Equipment Schedules and Details
47. Electrical Drawings
48. Electrical Title Sheet/Symbols/Abbreviations/Index
49. Electrical Site Plan including exterior lighting, power and telecommunication systems
50. Identify location of electrical service entrance, transformers and pads, vaults, manholes, and junction boxes
51. Electrical Interior Plans, including overall floor plans, at 1/8" = 1'-0" scale minimum to match architectural, showing power, grounding, lighting, emergency lighting, and alarm systems
52. Electrical Lighting Floor Plans
53. Electrical Power Distribution Plans
54. Electrical Communications Plans
55. Electrical Distribution Plan and Riser Diagrams
56. Electrical Schedules including panel boards, equipment schedules and light fixture schedules
57. Electrical Installation Details for support, mounting, penetrations and seals, motor control schematics, grounding, lightning protection, etc.
58. Low Voltage Plans – tele/data communication, card access, security and AV drawings, including floor plans and details

III. Construction Documents

A. Outline Specifications

1. General Conditions
 - a. General Conditions and Special Conditions in accordance with contract agreements
2. Work Division Categories
 - a. Performance and specific specifications for all CSI codes applicable
 - b. Specifications developed with Contractor input
 - c. RFI Standard Forms
 - d. Substitution Request Forms
 - e. Special Inspection Forms

B. Site Information – Geotechnical, Civil and Landscape

1. Geotechnical Report
 - a. Geotechnical boring locations and recommendations
 - b. Allowable soil bearing capacity
 - c. Pier/Caisson/Pile locations and details
 - d. Requirements for engineered fill where soil correction is needed
 - e. Geothermal well locations and specifications
2. Existing Site Plan/Demolition Plan
 - a. Existing Survey Information
 - b. Demolition and Removal notes
 - c. Existing Utilities
3. Site Plan
 - a. Building with site limits and constraints
 - b. Paving Plan with walks, parking, retaining walls, etc.
 - c. Indicate Specialty Items such as site furnishings, bike racks, bus shelters, benches, etc.
 - d. Identify different paving types (concrete, asphalt, specialty paving)
 - e. Directional and Code Required Signage
 - f. Parking Equipment
 - g. Provide details of all pavement sections
 - h. Indicate any vehicle charging stations
4. Grading Plan
 - a. Building with Datum Elevation
 - b. Existing topographical contour information
 - c. Proposed Grades (1 ft. contours)
 - d. Drainage and storm water management information
5. Utility Plan
 - a. Tie in locations for Domestic Water, Fire Service, Sanitary, and Storm (if applicable)
 - b. All new utilities (gas, water, sanitary, storm) with pipe type, size and locations
 - c. Electrical Service and Telecommunications
 - d. Drain tile locations, size and slope

- e. All catch basin and manhole sizes
 - f. Locate Hydrants on site and note Fire Department Connection
 - g. Provide details of all utility structures
 - h. Provide details of ponds with weirs, overflows, other
 - i. Provide plans and details of any below grade stormwater collection systems
 - j. Note any filtration media or riprap
6. Stormwater Pollution Prevention Plan
- a. Narrative of SWPP
 - b. Existing Conditions & Proposed Conditions Plan
 - c. Details
7. Landscape Plans
- a. Landscape Site Plan
 - b. Planting Schedule
 - c. Planting Details
 - d. Landscape Lighting
 - e. Irrigation Plan with performance specifications (Note Areas to be irrigated and show location of irrigation controller)
 - f. Tree mitigation plan
- C. Architectural
1. Floor Plans
- a. Demolition/Remodel Zones if any
 - b. Floor Plans, each level
 - c. Phased or partial occupancy requirements (if any)
 - d. Typical wall types ID'ed - framing size, fire rating, acoustical, height (to grid, 6" above or full height)
 - e. Door and window locations (Schedule with elevations and details)
 - f. Bathroom layouts with partitions and accessories
 - g. Special features, areas or rooms
 - h. Millwork/casework locations, elevations with details and material types
 - i. Locate all equipment
 - j. Layout of catwalks and mechanical platforms, if any
 - k. Elevator Shafts and Machine Rooms identified
 - l. Locate all recessed or semi-recess fire extinguisher cabinets
 - m. Rooms and Doors numbered (See Schedule below)
 - n. Locate Fire Alarm Annunciator Panel Location
 - o. Locate any plywood backing or added support for Equipment by others
 - p. Locate Bollard for Push Paddles for Auto Opener(s)
 - q. Note Fire stopping Locations and Engineering Judgments Required
 - r. Note gage and finish of all drip edges and flashing materials
2. Roof Plan
- a. Scalable Drawings (1/8" scale preferred)
 - b. Roof plan showing roofing type(s) and R value (minimum or average)
 - c. Walk pads or Paver layout

- d. Green roof areas, system information and vegetation desired
 - e. Skylights and details at roof
 - f. Photovoltaic systems
 - g. All Mechanical Equipment
 - h. Screen Walls
 - i. Handrails for occupied areas (such as green roof)
 - j. Tie Offs for maintenance and window washing equipment, if any
 - k. Details at each different parapet wall (including scuppers)
 - l. Details at equipment curbs and roof drains
3. Exterior Elevations
- a. Demolition, if any
 - b. Dimensioned floor to floor heights
 - c. Glazing Systems with Mullion Spacing and Glazing Types (Spandrel, Frit, Etc.)
 - d. Brick, Precast, and Metal Panel Cladding noted on plans (differing material and patterns indicated)
 - e. Enlarged Elevations at typical and specialty areas with notes
 - f. Show ledge elevations for exterior cladding, if any (coordinate with structural)
 - g. Indicate masonry control joint locations
 - h. Profiles, details and explanatory notes
 - i. Canopies, special features, etc.
 - j. Elevations/details at penthouses, architectural screens, etc.
 - k. Size and Dimension from Grid - Mechanical Louvered Openings and details
 - l. OH Doors and Dock Equipment
 - m. Building mounted lighting and signage
4. Finishes Plan
- a. Identify floor finish types and show locations
 - b. Specialty wall finishes and locations
 - c. Window Treatments - Note if included as part of project (Note if motorized)
 - d. Details at transitions between differing flooring materials
5. Reflected Ceiling Plan
- a. RCP's for all areas
 - b. Identify different ceiling types
 - c. Note lights, diffusers and return grilles, speakers, etc.
 - d. Indicate ceiling heights and transitions where bulkheads are needed
 - e. Indicate areas of ceilings that are to be "exposed"
 - f. Provide details of different ceiling type transitions
 - g. Identify material and lighting layout at all exterior soffitted areas
6. Building and Wall Sections
- a. Exterior wall sections
 - b. Sections at foundation
 - c. Sections at soffits
 - d. Slab edge conditions at each different exterior wall condition
 - e. Section at each different parapet condition

- f. Section to identify where exterior wall systems (curtain wall in particular) is dead loaded and laterally supported
 - g. Detail weather barriers and thermal continuity at openings, slab edges, and parapets
 - h. Details to indicate fireproofing, if required
 - 7. Schedules
 - a. Finishes for rooms types and any specialty finishes
 - b. Door and Hardware schedule - confirm coordination with security plans for card reader access
 - c. Code required signage and plan
 - d. Non-code required signage – locational, wayfinding, room numbers/names, etc.
 - e. Interior Window Schedule
 - 8. Enlarged Plans
 - a. Bathrooms with both plans and elevations
 - b. Stairwells with both plan and sections
 - c. Millwork
 - d. Mock – Ups
 - e. Other
 - 9. Other Plans
 - a. Life Safety Plan
 - b. Vertical Transportation Plans and Specifications
- D. Structural
 - 1. Structural Notes
 - a. General Structural Notes
 - b. Design Criteria
 - 2. Foundation Plan
 - a. Demolition Plans
 - b. Dimensioned column gridlines complete with work points or offsets
 - c. Footings identified and scheduled / Pile caps identified and scheduled / Pier or Caisson layout, sizes and reinforcing
 - d. Foundation walls with dimensions and details and ledges noted
 - e. Frost stoops and reinforcing
 - f. Slab on grade thickness(es) and reinforcing
 - g. Thickened slab locations identified
 - h. Elevator Pits, Sump Pits, and Tunnels with details (include water stops)
 - i. Loading docks, ramp and stairs on grade
 - j. Equipment or Isolation pads sized and dimensioned from Grids
 - k. Elevations Noted (TFE, TWE, TLE)
 - l. Footing Step Locations
 - m. Embeds for precast, steel ledges, etc. for estimating purposes
 - n. Indicate Control Joint pattern for Concrete floors, CMU walls, or CIP walls
 - o. Note any recessed slab locations (for terrazzo or other) for estimating purposes

- p. Locate canopy foundations from building Gridlines
 - q. Note finish of exposed concrete (polished, sealed, other)
 - 3. Floor Framing Plans
 - a. Dimensioned column gridlines
 - b. Framing plan with beam sizes and typical connection information
 - c. Slab composition (thickness and reinforcing)
 - d. Load bearing masonry or precast shown and detailed
 - e. Transfer beams
 - f. Lateral System Location and Details: Moment Connections, Shear walls or Cross bracing
 - g. Existing structure demolition and/or modification
 - h. Size and dimension any steel required for elevator rail attachment, if any
 - i. Indicate any recessed slab locations
 - 4. Roof Framing Plan
 - a. Framing plan with beam sizes
 - b. Slab composition (thickness and reinforcing), if any
 - c. Posts/Columns for PH Framing
 - d. Screen wall framing and location
 - e. Indicate if exterior exposed steel is to be galvanized
 - f. Wind girts for CW or PH
 - g. Indication of any Architecturally Exposed Striated Steel (Stairs, Wind Girts, Other??)
 - h. Existing structure demolition and/or modification
 - i. Concrete Curb or other at PH
 - j. Housekeeping pad(s) sizes and locations
 - 5. Re-Bar Plans
 - a. Sizes
 - b. Details
 - 6. Concrete Mix Designs
 - a. Schedule with Reinforcing
 - b. Schedule without Reinforcing
- E. Mechanical Systems
 - 1. Specifications
 - a. HVAC Systems
 - b. Chilled Water Systems, if any
 - c. Heating Systems
 - d. Control System
 - e. Plumbing Systems
 - f. Fire Protection Systems
 - g. Medical and/or Laboratory Gas Systems
 - 2. Mechanical Heating and Cooling Distribution Plans
 - a. Air handling units - location, size and type
 - b. Chiller(s) - location, size and type
 - c. Boilers, heat exchanger, pumps - location and size

- d. Locate Ductwork Mains with preliminary sizing or CFM
 - e. Locate VAVs, Chilled Beams, and Fin Tube Radiation
 - f. Underfloor air distribution - locations and details
 - g. Damper Locations (manual, balancing, fire, smoke and combination fire/smoke)
 - h. Exterior wall louvers (size and free area)
 - i. Indicate areas where exhaust fans are to be provided
 - j. Locate any unit heaters (Electric or Gas Fired)
 - k. Mechanical Piping - Chilled water, Hot water, Steam etc.
 - l. Specialty Equipment - HEPA filters, Fume hoods, Energy Recovery, etc.
3. Plumbing Distribution Plans
- a. Locate and indicate size for piping (storm drains, sanitary sewer, domestic water, other)
 - b. Indicate all water closets, urinals and lavs (note if low flow fixtures or (dual) flush valve toilets)
 - c. Locate all floor drains and sumps (including pumps required)
 - d. Locate downspouts and exterior wall hydrants or hose bibs at building exterior
 - e. Indicate all janitors' sinks, water coolers, etc.
 - f. Indicate size and location of main roof drains and overflow drains and/or scuppers
 - g. Locate water heaters, water softeners and recirc pumps
 - h. Locate air compressor and compressed air piping
 - i. Locate Gas Meter and main gas lines
 - j. Size and Locate gray water storage and distribution systems
4. Fire Protection Plans
- a. Locate water service entrance and valve location
 - b. Indicate if combined service with domestic water
 - c. Indicate any dry systems, preaction, deluge or clean agent
 - d. Indicate fire pump size and location, if any

F. Electrical Systems

- 1. Specifications
 - a. Fire Alarm
 - b. Isolation and Grounding
 - c. Life Safety
 - d. List of all Owner Provided Equipment and Power Requirements
 - e. List of Specialty Equipment and Power Requirements
- 2. Electrical Power and Systems Floor Plan
 - a. Light fixtures identified and scheduled
 - b. Power identified and located on plan
 - c. Power coordinated with Data/Communications
 - d. Indication of special requirements
 - e. Equipment Sizes and Locations

3. Riser Diagrams and Enlarged Plans
 - a. Riser Diagram with Panels and Transformers (sizes indicated)
 - b. Electrical Room Equipment Layouts
 4. Electrical Site Plan
 - a. Site lighting layout and details
 - b. Building mounted lighting and decorative site lighting
 - c. Fixture types identified and scheduled
 - d. Electrical Vault - location and size
 - e. Generators - emergency power requirements, location and size (OR Size of Standby Generator)
 - f. Renewable Energy Sources
- G. Technology Systems
1. Specifications
 - a. Communications, Data, and Cable Tray
 - b. Security Systems
 2. Technology Plans
 - a. 1/16" scale with notes
 - b. Card Reader or Keypad identified and located on plan
 - c. Data, Phone, and AV jacks identified and located (walls, ceilings and floor)
 - d. Security Camera Types identified and located
 - e. Cable Tray Routes and Quantity and Size of Conduit between Trays or to IDF/MDF Rooms
 - f. Equipment Layout in MER (Main Equipment Room)
 - g. Rough in Details with size and quantity of conduit required
 - h. Floor Box Specification(s)
 - i. Equipment Schedule and specifications (if provided by McGough)