Supplement #3

Date of Issue: March 17, 2026

Project: South Walton High School Campus Improvements Classroom Addition

Bid Package(s):

BP03A – Cast-in-Place Concrete
BP04A – Masonry
BP05A – Structured Steel & Metal Fab
BP05B – Cold Formed Metal Trusses
BP07A – Roofing
BP07B – EIFS
BP08A – Doors, Frames, & Hardware
BP08B – Entrances & Storefronts
BP09A – Gypsum Board
BP09B - Acoustical
BP09C – Floor Covering
BP09E – Painting & Waterproofing
BP10A – General Trades
BP10B – Walkway Covers
BP12A – Laminate Clad Casework
BP14A – Elevators
BP21A – Fire Protection
BP22A – Plumbing
BP23A – Mechanical
BP26A – Electrical
BP31A – Site Work
BP31B – Soil Improvements
BP32B – Artificial Turf
BP32C – Fencing & Gates

Issued by: Culpepper Construction Company, Inc.
1538 Metropolitan Blvd.
Tallahassee, FL 32308

This supplement forms a part of the contract documents and supplements the conditions of contract dated October 3, 2025.

This supplement consists of 1 page referencing Item 3.1 – 3.5 with attachments.

Item 3.1 Architect's Addendum 1 is attached and forms a part of the bid documents for these packages.

Item 3.2 Pre-Bid RFI Log (with answers) dated 3/17/26 is attached and forms a part of the bid documents for these packages.

Item 3.3 Bid Package BP09B – Acoustical is added to the list of bid packages and forms a part of the bid documents for these packages.

Item 3.4 Bid Package BP10A – General Trades is revised to include toilet accessories.

Item 3.5 Revised Bid Document Log is provided (dated 3/17/26) and forms a part of the bid documents for these packages.

End of Supplement #3

ARCHITECTURE
PLANNING INTERIORS
GRAPHICS

ADDENDUM No. 01

Owner **WCSD (JS)** ☒
Architect **EMI (RP)** ☒
MEP Engineer **H2E (MS)** ☒
Structural Engineer **BNI (CS)** ☒
Contractor **Culpepper (JT)** ☒
Other ☒

PROJECT: SWHS- Campus Improvements – Classroom Addition

ADDENDUM NO.: 01

DATE OF ISSUANCE: 16 March 2025

OWNER: Walton County School District

ARCHITECT: EMI, P.A.

TO: Culpepper Construction, LLC
538 Metropolitan Blvd
Tallahassee, FL 32308

ARCHITECT'S PROJECT NO.: 68202

CONTRACT FOR: Construction

The work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Prior to proceeding in accordance with these instructions, indicate your acceptance of these instructions for minor change to the work as consistent with the Contract Documents and return a copy to the Architect.

SPECIFICATION

Architectural:

Item 01-01 The following Architectural specification sections have been updated, added, or deleted:

1. **DELETE** the following Specifications
   a. Repeated Section 09 80 00 Carpet from pages 488–491
   b. Section 08 71 00 Door Hardware
2. **ADD** the following Specification Sections.
   a. Updated Section 08 71 00 Door Hardware
   b. Section 10 80 00 Toilet and Bath Accessories

DRAWINGS

IP Security Camera System:

Item 01-02 The following Security Camera System drawings have been added:

1. **ADD** the following Drawings:
   a. SEC-100 IP SECURITY CAMERA SYSTEM FLOOR PLAN – FIRST FLOOR
   b. SEC-101 IP SECURITY CAMERA SYSTEM FLOOR PLAN – SECOND FLOOR
   c. SEC-200 IP SECURITY CAMERA SYSTEM NOTES

Item 01-03 The following Access Control System drawings have been modified:

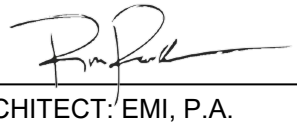
1. **Modify Sheet ACS-101**
   a. Deleted Card Readers from Door Rough-in details

Attachments: Telecom Sheets: Added Sheets SEC-100, SEC-101, SEC-200

Specifications: Added- 10 80 00, Deleted- 09 68 16, Replace- 08 71 00

Will this involve a change in Contract Sum? ☒ Yes ☐ No

ISSUED:
Robert M. Peck, AIA

BY: 

ARCHITECT: EMI, P.A.

16 March 2026
Date

ISSUED:

BY:

CONTRACTOR: CULPEPPER CONSTRUCTION LLC

Date

SECTION 08 71 00 - DOOR HARDWARE

PART 1 – GENERAL

1.01 SUMMARY

A. Section includes hardware for doors specified in “Hardware Sets.”

B. Related Divisions:
1. Division 03 Concrete
2. Division 06 Rough & Finish Carpentry
3. Division 07 Joint Sealants
4. Division 08 Openings
5. Division 09 Finishes
6. Division 10 Specialties
7. Division 13 Special Construction
8. Division 26 Electrical
9. Division 27 Communications
10. Division 28 Electronic Safety and Security

1.02 REFERENCES

A. American National Standards Institute/Builders Hardware Manufacturers Association (ANSI):
1. ANSI/BHMA A156.1 Butts & Hinges (2016)
2. ANSI/BHMA A156.2 Bored & Preassembled Locks & Latches (2017)
3. ANSI/BHMA A156.3 Exit Devices (2020)
4. ANSI/BHMA A156.4 Door Controls – Closers (2019)
5. ANSI/BHMA A156.5 Cylinders and Input Devices for Locks (2020)
6. ANSI/BHMA A156.6 Architectural Door Trim (2015)
7. ANSI/BHMA A156.7 Template Hinge Dimensions (2016)
8. ANSI/BHMA A156.8 Door Controls – Overhead Stops and Holders (2015)
9. ANSI/BHMA A156.13 Mortise Locks & Latches (2017)
10. ANSI/BHMA A156.18 Materials & Finishes (2020)
11. ANSI/BHMA A156.21 Thresholds (2019)
12. ANSI/BHMA A156.22 Door Gasketing Systems (2017)
13. ANSI/BHMA A156.25 Electrified Locks (2018)
14. ANSI/BHMA A156.26 Continuous Hinges (2017)
15. ANSI/BHMA A156.28 Keying Systems (2018)

B. International Code Council/American National Standards Institute (ICC/ANSI)/ADA:
1. ICC/ANSI A117.1 Standards for Accessible and Usable Buildings and Facilities.

C. Door and Hardware Institute (DHI):
1. DHI Publication – Abbreviations and Symbols (2019).
2. DHI Publication – Installation Guide for Doors and Hardware (2020).
3. DHI Publication – Sequence and Format of Hardware Schedule (2019).

D. National Fire Protection Agency (NFPA):
1. NFPA 70 National Electrical Code.
2. NFPA 80 Standard for Fire Doors and Other Opening Protectives.
3. NFPA 105 Standard for the Installation of Smoke Door Assemblies.

1.03 SUBMITTALS

A. Submit in accordance with Conditions of the Contract and Division 01 Administrative Requirements and Submittal Procedures Section.

B. Shop Drawings:
   1. Schedule hardware in vertical format using the DHI publication Sequence and Formatting for the Hardware Schedule.
   2. Include abbreviations and symbols page to include manufacturers' abbreviations, finish code descriptions, and fastener abbreviations including descriptions according to the DHI publication Abbreviations and Symbols.
   3. Detail headings referencing the Architect's heading, opening number, locations, fire rating, handing, degree of opening, and description of the opening elements. Include Voltage, amperage, and operational descriptions for openings that have electrified hardware.
   4. Coordinate final door hardware schedule with doors, frames, and related work listing proper sizing of hardware, addressing door thickness, handing, function, mounting accessories, and finish of hardware.
   5. List related door devices specified in other Sections for each opening.
   6. Architectural Hardware Consultant (AHC), as certified by DHI, who will affix seal attesting to completeness and correctness, including the review of the hardware schedule prior to submittal.

C. Product Data:
   1. Furnish manufacturers' catalog sheets on design, grade, and function of items listed in hardware schedule. Submit only relevant information and circle or highlight the technical information including: model numbers, sizing information, voltage and amperage requirements, options and accessories required, means of fastening, listings of fire-rated applications, and finishes.

E. Templates:
   1. Within fourteen days of receiving approved door hardware submittals submit complete list of templates for each hardware item to the opening manufacturers and the installers. Include detailed lists of the hardware location requirements for mortised and surface applied hardware.

F. Wiring Diagrams: Detail a title block for each drawing that includes the project name, project address, architect name, architect's opening number, hardware set, date, and name of the author.
   1. Elevation Riser Drawings:
      a. Furnish one set of elevation drawings with each hardware schedule submittal for hardware sets that contain electrified hardware. Illustrate the openings with proportional representations of the opening and electrified hardware components and dimension their mounting locations as well as sizes of junction boxes and power supplies. Label the components, wire quantities and gauges, high voltage requirements, as well as other building interfaces. Create a legend that complements the drawings with brand names, model numbers, and include voltage and amperage requirements. Add an operational description that includes the normal state of the door, ingress, egress, and what happens in case of power loss or fire alarm activation and any special conditions.
      b. Upon receipt of approved hardware correct and resubmit elevation drawings with the point-to-point and system drawings.
   2. Point-to-Point and System Drawings: Upon receipt of approved hardware schedule, submit point-to-point per hardware set and a system drawing. Cross-reference all wiring diagrams and the associated drawings to each other.
      a. Point-to-Point Drawings: Draw each product in a realistic representation including each terminal including those not used, and lines representing wires from component to component, labeling wire colors and gauges.

b. System Drawing: illustrate all equipment and building interfaces required for the entire system. Include room labels and locations, opening numbers and locations.

G. Closeout Submittals: Include the following information as well as highlight and flag fire rated openings for annual inspections:
   1. Cover page with required information:
      a. Project name
      b. Hardware supplier's name and contact information.
      c. Date of substantial completion.
   2. Final record hardware schedule.
   3. Product Data.
   4. Keying Schedule.
   5. Record Wiring Diagrams.
      a. System Drawing.
      b. Elevations.
      c. Point-to-Point Drawings with all final wire colors noted as terminated. (Include network IP and/or MAC addresses of field devices).
   6. Operating and Maintenance Manual.
   7. Warranty Information.

1.04 QUALITY ASSURANCE

A. Hardware supplier shall employ an Architectural Hardware Consultant (AHC) as certified by DHI and a member of the seal program who will be available at reasonable times during course of work for Project hardware consultation.
   1. Electrified Door Hardware Supplier Qualifications: Experienced door hardware supplier who has completed projects with electrified door hardware similar in material, design, and extent to that is indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.
   2. Access and Electrified Security Supplier Qualifications: Experienced supplier who has completed projects with access and electrified security door hardware similar in material, design, and extent to that is indicated for this Project, whose work has resulted in construction with a record of successful in-service performance and be a factory authorized distributor.

B. Where openings are required to be accessible door hardware shall conform to ICC/ANSI A117.1.

C. Fire Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware complying with NFPA 80 that are listed and/or labeled by a qualified testing agency for fire-protection ratings indicated.

D. Smoke and Draft Control Door Assemblies: Where smoke and draft control doors are required, provide door hardware that meets requirements of assemblies in compliance with NFPA 105.

E. Door hardware certified to ANSI/BHMA standards as noted, manufacturer must participate and be listed in BHMA Certified Products Directory.

F. Substitution requests shall be submitted in compliance with Division 01: create a comparison chart that includes the testing information as well as the warranty for both the specified product and the proposed substitution. Include the reason for requesting the substitution, clear catalog copy highlighting the proposed product and options, compliance statement, technical data, product warranty and lead time, to show how the proposed can meet or exceed established level of design, function, and quality.

1. Items listed with no substitute manufacturers have been requested by the Owner to meet existing standard and will not be reviewed for substitution unless the product is no longer available.

G. Meetings: Comply with requirements in Division 01 Section “Project Meetings.”
   1. Low-voltage Coordination Meeting
      a. Prior to furnishing door hardware submittals, convene a low-voltage coordination meeting. Meeting participants should include all affected trades including the following, but not limited to: Contractor, installer, supplier, electrical contractor, security consultant and installer, Owner’s IT representative, and fire alarm consultant.
      b. Review sequence of operation for each opening with electrified hardware to ensure that every opening functions properly for the Owner’s use.
      c. Discuss the types of electrified door hardware, inspection, and electrical roughing-in and other preparatory work performed by other trades.
      d. Verify wire quantities, wire types, wire sizes, conduit sizes, and locations including if the power supplies will be centrally located or if they will be located near each opening.
      e. Coordinate the door hardware, power supplies, back-up power requirements, access control components, fire alarm interfaces, elevator controls, and related building systems have all proper and necessary components to interface and operate correctly.

   2. Keying Meeting
      a. Within fourteen days of receiving approved door hardware submittals, contact Owner to establish a keying conference. Include keying meeting decisions into final keying schedule submittal after reviewing the following, but not limited to:
         ii. Function of the building, flow of traffic, individual area’s purpose, and degree of security.
         iii. Lock functions and operation.
         iv. Preliminary key system schematic diagram.
         v. Verify existing keyway(s), and/or proposed keyway(s)
         vi. Visual key and cylinder identification
         vii. Quantity of keys required including master level keys, change keys, and keys per lock.
         viii. Review the key control system.
         ix. Determine the recipient and contact information for the delivery of keys and accessories.
   3. Pre-installation Meeting
      a. Convene meeting within fourteen days of receiving approved door hardware submittals. Participants from all affected buildings trades shall attend. Minimum participants should include: Contractor, installer, material supplier, manufacturer representatives, electrical contractor, security consultant, and fire alarm consultant.
      b. Inspect and discuss preparatory work performed by other trades.
      c. Include in-conference decisions regarding proper installation methods and procedures for receiving and handling hardware.
      d. Review all system, elevation, and point-to-point drawings to ensure that all necessary components are provided and detailed.
      e. Review and finalize construction schedule and verify availability of materials, installer’s personnel, equipment, and facilities needed to make progress and avoid delays.
      f. Review required testing, inspecting, and certifying procedures.

H. Installer Qualifications: Specialized in performing installation of this Section and have five years minimum documented experience.
   1. Electrified Hardware Supplier Qualifications: Experienced door hardware installer who has installed projects with electrified door hardware similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.

2. Access Control and Electrified Security Supplier Qualifications: Experienced installer who has completed projects with access and electrified security door hardware similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance and be a factory authorized to install and commission the system.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Pack each item complete with necessary parts and fasteners in manufacturer's original packaging.

B. Mark hardware that is not bulk packed with architect's opening number, hardware set number, and item number for each type of hardware. Include keyset symbols and corresponding hardware component for keyed products. Mark hardware that is bulk packed with manufacturers' part number and reference all hardware sets associated.

C. Deliver hardware to the job site according to the phasing agreed upon in the pre-installation meeting. Inventory the delivery with the supplier's assistance. Immediately note shortages and damages on the shipping receipts and bill of ladings. Coordinate replacement or repair with the supplier.

D. Deliver permanent keys, cores, access control credentials, software, and related accessories directly to Owner via registered mail or overnight package service. Establish the instructions for delivery to Owner at "Keying Conference."

E. Provide a clean, dry, and secure room for hardware delivered. Shelve hardware off the floor and with larger items of hardware stored on pallets. Arrange locksets and keyed cylinders by opening number. Organize the balance of hardware by brand, model of hardware, and hardware set number. Leave the door markings of the hardware visible for installers.

F. Waste Management and Disposal: Separate waste materials for use or recycling in accordance with Division 01.

1.06 WARRANTY

A. General Warranty: Comply Division 01 for Warranty requirements.

B. Special Warranty: Warranties specified in this article will not deprive Owner of other rights.
1. Ten years for manual door closers.
2. Five years for locks.
3. Five years for exit devices.
4. One year for electromechanical door hardware.
5. All access and electrified security equipment and systems will be warranted for a period of one (1) year commencing with the filing date of the Notice of Completion, provided the system has been inspected and signed off by a factory authorized installer and the factory authorized commissioning agent.

1.07 MAINTENANCE

A. Maintenance Tool and Instructions: Furnish a complete set of specialized tools and maintenance instructions for Owner's continued adjustment, maintenance, removal, and replacement of door hardware.

PART 2 – PRODUCTS

2.01 HINGES

A. Hinges, electric hinges, and self-closing hinges of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Products to be certified and listed by the following:
   1. Butts and Hinges: ANSI/BHMA A156.1.
   2. Template Hinge Dimensions: ANSI/BHMA A156.7.

C. Butt Hinges:
   1. Hinge weight and size unless otherwise indicated in hardware sets:
      a. Doors up to 36” wide and up to 1-3/4” thick provide hinges with a minimum thickness of .134” and a minimum of 4-1/2” in height.
      b. Doors from 36” wide up to 42” wide and up to 1-3/4” thick provide hinges with a minimum thickness of .145” and a minimum of 4-1/2” in height.
      c. For doors from 42” wide up to 48” wide and up to 1-3/4” thick provide hinges with a minimum thickness of .180” and a minimum of 5” in height.
      d. Doors greater than 1-3/4” thick provide hinges with a minimum thickness of .180” and a minimum of 5” in height.
      e. Width of hinge is to be minimum required to clear surrounding trim.
   2. Base material unless otherwise indicated in hardware sets:
      a. Exterior Doors: 304 Stainless Steel, Brass or Bronze material.
      b. Interior Doors: Steel material.
      c. Fire Rated Doors: Steel or 304 Stainless Steel materials.
      d. Stainless Steel ball bearing hinges to have stainless steel ball bearings. Steel ball bearings are unacceptable.
   3. Quantity of hinges per door unless otherwise stated in hardware sets:
      a. Doors up to 60” in height provide 2 hinges.
      b. Doors 60” up to 90” in height provide 3 hinges.
      c. Doors 90” up to 120” in height provide 4 hinges.
      d. Doors over 120” in height add 1 additional hinge per each additional 30” in height.
      e. Dutch doors provide 4 hinges.
   4. Hinge design and options unless otherwise indicated in hardware sets:
      a. Hinges are to be of a square corner five-knuckle design, flat button tips and have ball bearings unless otherwise indicated in hardware sets.
      b. Out-swinging exterior and out-swinging access-controlled doors are required to have Non-Removable Pins (NRP) to prevent removal of pin while door is in closed position.
      c. When full width of opening is required, use hinges that are designed to swing door completely from opening when door is opened to 95 degrees.
      d. When shims are necessary to correct frame or door irregularities, provide metal shims only.

   5. Acceptable Manufacturers:

	Standard Weight	Heavy Weight
Best	FBB179/FBB191	FBB168/FBB199
PBB	BB81	4B81
McKinney	TA2714/TA2314	T4A3786/T4A3386

2.02 CONTINUOUS HINGES

A. Continuous hinges of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Products to be certified and listed by ANSI/BHMA A156.26 Grade 1.

C. Continuous Geared Hinges:
1. Determine model number by door and frame application, door thickness, frequency of use, and fire rating requirements according to manufacturer's recommendations.
a. Size length of hinge to equal the actual door height unless otherwise stated in hardware sets.

D. Material and Design:
1. Base material: Anodized aluminum manufactured from 6063-T6 material; unexposed working metal surfaces be coated with TFE dry lubricant.
2. Bearings:
a. Continuous hinges are to have a minimum spacing between bearings of 2-9/16". Typical door from 80" to 84" in height to have a minimum of 32 bearings.
3. Options:
a. Provide factory-cut preparations for concealed electric power tranfers.
b. When full width of opening is required, use hinges that are designed to swing door completely from opening when door is opened to 95 degrees.
c. At fire rated openings provide hinges that carry a UL certification, up to and including 90-minute applications for wood doors and up to 3-hour applications for metal doors.

E. Acceptable Manufacturers:

	Heavy Duty
Best	661HDUL
PBB	CG31
ABH	A110HD

2.03 FLUSH BOLTS AND COORDINATORS

A. Flush bolts of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Manufacturer to be listed by the following: Auxiliary Hardware: ANSI/BHMI A156.16.

C. Labeled openings: Provide automatic or constant latching flush bolts per hardware schedule for inactive leaf of pairs of doors. Provide dust proof strikes for bottom bolt.

D. Non-Labeled openings: Provide two flush bolts for inactive leaf of pairs of doors per hardware schedule. Provide extension rods so that the center line of the top flush bolt is not more than 78" above the finish floor. Provide dust proof strike from bottom bolt.

E. Acceptable Manufacturers:

	Manual Flush Bolt	Auto Flush Bolt	Dust Proof Strike
Rockwood	556WS		
Ives	SB360		

F. Coordinators: Provide for labeled pairs of doors with automatic flush bolts or with vertical rod exit device with a mortise-locking device per hardware schedule. Provide filler piece to extend full width of stop on frame. Provide mounting brackets for closers and special preparation for latches where applicable.

G. Acceptable Manufacturers:

	Coordinator	Bracket	Bracket for stops greater than 2-1/4."
Burns	7600		
ABH	3700		

Rockwood	1600		

2.04 REMOVABLE MULLIONS

A. Keyed and non-keyed removable mullions of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Manufacturer to be listed by the following: UL/cUL/Warnock Hersey for fire-rated pairs of doors up to 8 feet tall x 8 feet wide opening.

C. Material and Design:
1. For use with rim exit devices on non-rated and fire rated pairs of doors. Mullion 2” x 3” x 11 gage steel tube.
2. Top Fitting:
   a. Mullion locked in place without use of a key.
   b. Deadlock on fire-rated device

D. Acceptable manufacturers for keyed removable mullions:

	Keyed Fire-Rated	Keyed Non Fire-Rated
Best / Precision	FLKR822	KR822 (Include HC as req’d.)
dormakaba	1340	F1340
Sargent	12-L980	L980S

2.05 LOCKS AND LATCHES

A. Locks and latches of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Product to be certified and listed by following:
1. ANSI/BHMA A156.2 Series 4000 Certified to Grade 1.
2. ANSI/BHMA A250.13 Certified for a minimum design load of 1150 lbf (100 psf) for single out-swinging doors measuring 36” in width and 84” in height and a minimum design load of 1150lbf (70psf) for out-swinging single doors measuring 48” in width and 84” in height.
3. UL/cUL Labeled and listed for functions up to 3 hours for single doors up to 48” in width and up to 96” in height.
4. UL10C/UBC 7-2 Positive Pressure Rated.
5. ICC/ANSI A1117.1

C. Lock and latch function numbers and descriptions of manufacturer’s series as listed in hardware sets.

D. Material and Design:
1. Lock and latch chassis to be zinc dichromate for corrosion resistance.
2. Keyed functions to be of a freewheeling design to help resist against vandalism.
3. Non-handed, field reversible.
4. Thru-bolt mounting with no exposed screws.
5. Levers, zinc cast and plated to match finished designation in hardware sets.

E. Latch and Strike:
1. Stainless Steel latch bolt with minimum of 3/4” throw and deadlocking for keyed and exterior functions.
2. Standard backset to be 2-3/4” and adjustable faceplate to accommodate a square edge door or a standard 1/8” beveled edge door.
3. Strike is to fit a standard ANSI A115 prep measuring 1-1/4” x 4-7/8” with proper lip length to protect surrounding trim.

F. Options:
1. Provide knurled levers on entry side of doors that are potentially dangerous to visually impaired persons.

G. Electric Locks:
1. Fail-Secure (power unlocks lever) outside trim is locked when there is no power and unlocked when power is applied. Lockset will be locked in the event of a power failure (EU).
2. Request to Exit: Monitors inside lever rotation (RQE).

H. Acceptable manufacturers:

Best – Owner Standard	45 / 45HW

2.06 LOCKS AND LATCHES (UNISEX RESTROOMS)

A. Locks and latches of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Product to be certified and listed by following:
1. ANSI/BHMA A156.2 Series 4000 Certified to Grade 1.
2. Provide visual indicator to show occupied status when in use.
3. UL/cUL Labeled and listed up to 3 hours for single doors up to 48” in width and up to 96” in height.
4. UL10C/UBC 7-2 Positive Pressure Rated.
5. ICC/ANSI A117.1.

C. Lock and latch function numbers and descriptions of manufacturer’s series as listed in hardware sets.

D. Material and Design:
1. Lock cases from fully wrapped, 12-gauge steel, zinc dichromate for corrosion resistance.
2. Non-handed, field reversible without opening lock case.
3. Break-away spindles to prevent unlocking during forced entry or vandalism.
4. Levers, zinc cast, forged brass or stainless steel and plated to match finish designation in hardware sets.
5. Sectional Roses, solid brass or stainless-steel material and have a minimum diameter of 2-7/16”.
6. Escutcheons, of solid brass or stainless-steel material.
7. Armor fronts, self-adjusting to accommodate a square edge door or a standard 1/8” beveled edge door.

E. Latch and Strike:
1. Stainless steel latch bolt with minimum of 3/4” throw and deadlocking for keyed and exterior functions.
2. Strike is to fit a standard ANSI A115 prep measuring 1-1/4” x 4-7/8” with proper lip length to protect surrounding trim.
3. Deadbolts to be 1-3/4” total length with a minimum of a 1” throw and 3/4” internal engagement when fully extended and made of stainless-steel material.

F. Acceptable Manufacturers:

Best – Owner Standard	45H Series

2.07 EXIT DEVICES

A. Exit Devices of one manufacturer as listed for continuity of design and consideration of warranty. Touchpad type, finish to match balance of door hardware.

B. Standards: Manufacturer to be certified and/or listed by the following:
   1. BHMA Certified ANSI A156.3 Grade 1.
   2. UL/cUL Listed for up to 3 hours for “A” labeled doors.
   3. UL10C/UBC 7-2 Positive Pressure Rated.
   4. UL10B Neutral Pressure Rated.
   5. UL 305 Listed for Panic Hardware.

C. Material and Design:
   1. Provide exit devices with actuators that extend a minimum of one-half of door width.
   2. Where trim is indicated in hardware sets provide the lever design to match design of lock levers.
   3. Exit device to mount flush with door.
   4. Latchbolts:
      a. Rim device – 3/4” throw, Pullman type with automatic dead-latching, stainless steel
      b. Surface vertical rod device – Top 1/2” throw, Pullman type with automatic dead-latching, stainless steel. Bottom 1/2” throw, Pullman type, held retracted during door swing, stainless steel.
   5. Fasteners: Wood screws, machine screws, and thru-bolts.

D. Lock and Latch Functions: Function numbers and descriptions of manufacturer’s series and lever styles indicated in door hardware sets.

E. Electric Modifications:
   1. Provide Request to Exit (TS) switches as scheduled.
   2. Electrified Trim: Outside trim unlocked (EU) by electric current.

F. Acceptable Manufactures:

Best / Precision	2000 Series
Von Duprin	98 Series (Exterior Alum. Only)
Sargent	80 Series

2.08 CYLINDERS AND KEYING

A. Cylinders of one manufacturer as listed for continuity of design and consideration of warranty.

B. Products to be certified and listed by the following:
   1. Auxiliary Locks: ANSI/BHMA A156.5

C. Cylinders:
   1. Provide cylinders matched to the types required for hardware that has a locking function and for keyed electronic functions. Furnish with appropriate collars, cams, and tailpieces to fit and operate associated hardware. Stacking collars is not acceptable, a single collar of proper size is required.
   2. Manufacturer’s six-pin seven-pin small format interchangeable core (SFIC).
   3. Provide concealed key control (CKC) at cylinder by stamping or permanently marking the keyset symbol in a location on the cylinder that is concealed when installed.

D. Keying:

1. Key into Owner's existing key system unless otherwise directed by Owner's Facilities Management.
2. Provide a bitting list to Owner of combinations as established, and expand to twenty-five percent for future use or as directed by Owner.
   a. Include all of the keysets and bittings of the original key system creating one clean version of the entire key system.
3. Keys to be shipped directly to the Owner's Representative as established during the keying conference.
   a. Package the keys in individual envelopes, grouped by keyset symbol, and label envelopes with project name, factory registry number, and keyset symbol.
4. Stamp large bow key blanks with visual key control (keyset symbol) and "Do Not Duplicate".
5. Provide interchangeable cores with construction cores as required per the keying meeting.

E. Exit devices at exterior doors must meet the FBC code as well as the criteria in this partition of the specification.
Exit devices must be Grade 1.

2.09 PUSH/PULL PLATES AND BARS

A. Push/Pull plates and bars of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Manufacturer to be certified by the following:
1. Architectural Door Trim: ANSI/BHMA A156.6.
2. Americans with Disabilities Act Accessibility Guidelines (ADAAG).

C. Push plates: .050" thick, square corner and beveled edges with countersunk screw holes. Width and height as stated in hardware sets.

D. Acceptable Manufacturers:

Burns	73L
Rockwood	
Don-Jo	

E. Pull Plates: .050" thick, square corner and beveled edges. Width and height as stated in hardware sets, 3/4" diameter pull, with clearance of 2-1/2" from face of door.

F. Acceptable Manufacturers:

Burns	5326C
Rockwood	
Don-Jo	

G. Offset Pull Bar: 1" round bar stock, with 2-1/4" minimum clearance from face of door.

H. Acceptable Manufacturers:

Burns	29C
Rockwood	
Don-Jo	

2.10 CLOSERS

A. Closers of one manufacturer as listed for continuity of design and consideration of warranty, unless otherwise indicated on hardware schedule, comply with manufacturer's recommendations

for size of closer, depending on width of door, frequency of use, atmospheric pressure, ADAAG requirement, and fire rating.

B. Standards: Manufacturer to be certified and or listed by the following:
   1. BHMA Certified ANSI A156.4 Grade 1.
   2. ADA Complaint ANSI A117.1.
   3. UL/cUL Listed up to 3 hours.
   4. UL10C Positive Pressure Rated.
   5. UL10B Neutral Pressure Rated.

C. Material and Design:
   1. Provide cast iron non-handed bodies with full plastic covers.
   2. Closers will have separated staked adjustable valve screws for latch speed, sweep speed, and backcheck.
   3. Provide Tri-Pack arms and brackets for regular arm, top jamb, and parallel arm mounting.
   4. One-piece seamless steel spring tube sealed in hydraulic fluid.
   5. Double heat-treated steel tempered springs.
   6. Precision-machined heat-treated steel piston.
   7. Triple heat-treated steel spindle.
   8. Full rack and pinion operation.

D. Mounting:
   1. Out-swing doors use surface parallel arm mount closers, except where noted on hardware schedule.
   2. In-swing doors use surface regular arm mount closers, except where noted on hardware schedule.
   3. Provide brackets and shoe supports for aluminum doors and frames to mount fifth screw.
   4. Furnish drop plates where top rail conditions on door do not allow for mounting of closer and where backside of closer is exposed through glass.

E. Size closers in compliance with requirements for accessibility (ADAAG). Comply with following maximum opening force requirements.
   1. Interior, non-rated hinged openings: 5 lbs.
   2. Fire-rated and exterior openings use minimum opening force allowable by authority having jurisdiction.

F. Fasteners: Provide self-reaming, self-tapping wood and machine screws, and sex nuts and bolts for each closer.

G. Acceptable manufacturers:

dormakaba Commercial Hardware	QDC100 Series
Best	EHD9000
Sargent	281 Series

2.11 PROTECTIVE TRIM

A. Protective trim of one manufacturer as listed for continuity of design and consideration of warranty.

B. Size of protection plate: single doors, size two inches less door width (LDW) on push side of door, and one inch less door width on pull side of door. For pairs of doors, size one inch less door width (LDW) on push side of door, and 1/2 inch on pull side of door. Adjust sizes to accommodate accompanying hardware, such as, edge guards, astragals, and others.
   1. Kick Plates 10” high or sized to door bottom rail height.
   2. Mop Plates 6” high.

3. Armor Plates 36” high.

C. Products to be certified and listed by the following:
1. Architectural Door Trim: ANSI/BHMA A156.6.
2. UL.

D. Material and Design:
1. 0.050” gage stainless steel.
2. Corner’s square, polishing lines, or dominant direction of surface pattern so they run across door width of plate.
3. Bevel top, bottom, and sides uniformly leaving no sharp edges.
4. Countersink holes for screws. Space screw holes so they are no more than eight inches CTC, along a centerline not over 1/2” in from edge around plate. End screws maximum of 0.53” from corners.

E. UL label stamp required on protection plates when top of plate is more than 16 inches above bottom of door on fire rated openings. Verify door manufacturer’s UL listing for maximum height and width of protection plate to be used.

F. Acceptable Manufacturers:

Burns	AP50, KP50, MP50
Rockwood	
Don-Jo	

2.12 STOPS AND HOLDERS

A. Stops and holders of one manufacturer as listed for continuity of design and consideration of warranty.

B. Wall Stops: Provide door stops wherever necessary to prevent door or hardware from striking an adjacent partition or obstruction. Provide wall stops when possible. Door stops and holders mounted in concrete floor or masonry walls have stainless steel machine screws and lead expansion shields.

C. Products to be certified and listed by the following:
1. Auxiliary Hardware: ANSI/BHMA A156.16.

D. Acceptable Manufacturers:

	Convex	Concave
Burns	560	575
Rockwood		
Don-Jo		

E. Overhead Stops and Holders: Provide overhead stops and holders for doors that open against equipment, casework sidelights and other objects that would make wall stops/holders and floor stops/holders inappropriate. Provide sex bolt attachments for mineral core wood door applications.

F. Products to be certified and listed by the following:
1. Overhead Stops and Holders: ANSI/BHMA A156.8 Grade 1.

G. Acceptable Manufacturers:

	Heavy / Standard Duty Surface	
dormakaba	900/700 Series	
ABH	4000/1000 Series	

Sargent	590/1540 Series	

2.13 POWER TRANSFER

A. Power transfer of one manufacturer as listed for continuity of design and consideration of warranty.

B. Products to be certified and listed by the following:
   1. UL Listed Miscellaneous Fire Door Accessories.
   2. UL 10C Listed for up to 3 hours on fire-rated doors and frames.
   3. Classified according to Uniform Building Code (UBC) Standard 7-2, Fire Test of Door Assemblies (1997).

C. Design:
   1. Stainless steel tubular wire transfer and cast housing with steel back boxes to provide weather and tamper resistance when door is open or closed.
   2. Mortise door and frame installation
   3. Include two 18 ga wires.

D. Acceptable Manufacturers:

Best / Precision	EPT-12C	
Von Duprin	EPT-10	
Securitron	CEPT	

2.14 MODULAR ACCESS CONTROL POWER SUPPLIES

A. Power supplies of one manufacturer as listed for continuity of design and consideration of warranty.

B. Products to be certified and listed by the following:
   1. UL Listed.

C. Design:
   1. Use with modular access control systems.
   2. Field selectable filtered and regulated 12 VDC or 24 VDC constant voltage.
   3. 1, 2, 4, or 6-AMP load capacities. Match the power supply amperage to the total load of the opening /system plus an additional thirty percent to cover line drop, as well as possible expansion.
   4. Circuit breaker protected AC input voltage; secondary output PTC protected.
   5. Fire alarm input provides simultaneous release of fail-safe locks and holders.
   6. Interface relay.
   7. LED status indicators provide information regarding AC input, DC output, and battery backup status.
   8. Separate inputs for activation switch on entry and egress and ingress side of opening.
   9. 5-amp hour battery backup.
   10. Input 115 VAC (230 VAC optional).
   11. Optional dual 12 VDC or 24 VDC output.
   12. Optional power supply monitor module to monitor power supply status, A/C power, and D/C output and battery Status

D. Include optional modules as required to properly interface, control, and sequence the hardware with the access control system.

E. Acceptable Manufacturer:

	As Required

2.15 THRESHOLDS

A. Thresholds of one manufacturer as listed for continuity of design and consideration of warranty.

B. Set thresholds for exterior and acoustical openings in full bed of sealant with lead expansion shields and stainless-steel machine screws complying with requirements specified in Division 7 Section “Joint Sealants: Notched in field to fit frame by hardware installer. Refer to Drawings for special details.

C. Standards: Manufacturer to be certified by the following:
1. Thresholds: ANSI/BHMA A156.21.
2. American with Disabilities Act Accessibility Guidelines (ADAAG).

D. Acceptable Manufacturers:

National Guard Products	896S, 425, 425HD
Reese	
Pemko	

2.16 DOOR GASKETING AND WEATHERSTRIP

A. Door gasketing and weatherstrip of one manufacturer as listed for continuity of design and consideration of warranty.

B. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing, where indicated on hardware schedule. Provide noncorrosive fasteners for exterior applications.
1. Perimeter gasketing: Apply to head and jamb, forming seal between door and frame.
2. Meeting stile gasketing: Fasten to meeting stiles, forming seal when doors are in closed position.
3. Door bottoms: Apply to bottom of door, forming seal with threshold or floor when door is in closed position.
4. Sound Gasketing: Cutting or notching for stop mounted hardware not permitted.
5. Drip Guard: Apply to exterior face of frame header. Lip length to extend 4” beyond width of door.

C. Products to be certified and listed by the following:
1. Door Gasketing and Edge Seal Systems: ANSI/BHMA A156.22.
2. BHMA certified for door sweeps, automatic door bottoms, and adhesive applied gasketing.

D. Smoke-Labeled Gasketing: Comply with NFPA 105 listed, labeled, and acceptable to Authorities Having Jurisdiction, for smoke control indicated.
1. Provide smoke-labeled gasketing on 20-minute rated doors and on smoke rated doors.

E. Fire-Rated Gasketing: Comply with NFPA 80 listed, labeled, and acceptable to Authorities Having Jurisdiction, for fire ratings indicated.

F. Refer to Section 08 1416 Wood Doors for Category A or Category B. Comply with UBC 7-2 and UL10C positive pressure where frame applied intumescent seals are required.

G. Acceptable Manufacturers:

1. Perimeter Gasketing:

	Adhesive Applied
National Guard Products	As indicated in hardware sets.
Reese	
Pemko	

2. Meeting Stile Weatherstrip:

National Guard Products	As indicated in hardware sets.
Reese	
Pemko	

2.17 DOOR POSITION SWITCHES

A. Provide door position switches for openings that require door monitoring.

B. Acceptable Manufacturers:

RCI - 9540
GE

2.18 SILENCERS

A. Where smoke, light, or weather seal are not required, provide three silencers per single door frame, two per double door frame and four per Dutch door frame.

B. Products to be certified and listed by the following:

1. Auxiliary Hardware: ANSI/BHMA A156.16

C. Acceptable Manufacturers:

Burns	500
Rockwood	
Don-Jo	

2.19 FINISHES

A. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if within range of approved samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within range of approved samples.

B. Comply with base material and finish requirements indicated by ANSI/BHMA A156.18 designations in hardware schedule.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine doors and frames, with installers present, for compliance with requirements for installation tolerances, labeled fire-rated construction, wall and floor construction, and other conditions affecting performance.

B. Where hardware will be installed directly on walls, inspect applications for blocking material of sufficient type and size for hardware.

C. Examine roughing-in and cabling for electrical power systems to verify actual locations of wiring connections and wiring supplied matches the requirements as described in the wiring diagrams before electrified door hardware installation.

D. Perform a site survey to determine proper mounting locations for all wirelessly communicating devices. Verify that the surrounding construction and equipment will not interfere with the communication between components.

E. Where existing products will be reused, examine existing door and frame sizes, preps, swings, ratings, and compare to the specified hardware for compatibility and functionality. The hardware set specified should act as guide for design and function. Provide filler plates as needed to fill and repair existing materials. Test any existing to remain hardware for functionality and visually inspect for damage. Note any defective or damaged products as well as noting any code deficiencies and submit issues and estimated costs for direction of how to proceed with repair or replacement.

F. Notify Architect via a prepared written report and endorsed by installer of any discrepancies between the door schedule, door types, drawings, and scheduled hardware. List conditions detrimental to application, to the proper and timely completion of the work and performance of the hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.02 INSTALLATION

A. Install hardware using manufacturers' recommended fasteners and installation instructions, at height locations and clearance tolerances that comply with:
   1. NFPA 80
   2. NFPA 105
   3. ICC/ANSI A117.1
   4. DHI Publication – Installation Guide for Doors and Hardware
   5. Approved shop drawings
   6. Approved hardware schedule

B. Install soffit mounted gaskets prior to other soffit mounted hardware ensuring a continuous seal around the perimeter of the opening without cutting or notching.

C. Locate surface mounted door closers on stairwell side of stair doors, interior side of exterior openings, or on the room side of openings, unless it is a sterile room.

D. Locate wall mounted bumper to contact the operating trim. Verify that push buttons of locksets do not contact the stop and inadvertently lock the door.

E. Mount armor, mop, and kick plates flush with the bottom of the door and centered horizontally on the door.

F. Notch thresholds with no larger than a 1/32-inch gap matching the frame profile. Set in a full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants" forming a tight seal between threshold and mounting surface. Caulk and seal the entire perimeter to prevent water leakage. Remove excess sealants immediately and clean the area thoroughly.

G. Do not install surface mounted items until finishes have been completed on substrates involved. Set unit level, plumb and true to line location.

H. Locate power supplies and junction boxes as directed and verified in the low-voltage coordination meeting.

I. Perform final connections of the system components to match the approved operational narratives. Use cable markers to label wires at each termination or end to match the final wiring diagrams. Terminate wiring in accordance with the manufacturer's recommendations. Where quick-connects are seated correctly. Provide wire ties and adhesive pads to secure and organize wires in enclosures. Outside of enclosures seal terminations in waterproof connectors. Include record drawings of the point-point and the elevations in a plastic sleeve attached to the inside cover of the power supply/junction box enclosure for the Owner's use.

3.03 FIELD QUALITY CONTROL

A. Schedule a final walk through to inspect hardware installation ten (10) business days before final acceptance of the Owner. Visually inspect for proper fasteners and verify that doors open, close, latch properly, and that openings are installed to meet NFPA 80 and ANSI A117.1 requirements. Correct deficiencies, including missing hardware immediately. Provide a written report detailing discrepancies of each opening within five (5) business days of the walk through.

B. Prior to receiving certificate of occupancy have doors inspected by a Certified Fire and Egress Door Assembly Inspector (CFDAI), as certified by Intertek (ITS), submit a written report to the Owner and Contractor. Doors failing inspection must be adjusted, modified, or replaced to be within appropriate code requirements without delay.

C. Test the functionality of electrified openings upon completion of the installation in accordance with the description of operation and the Owner's intent under the supervision of a factory authorized representative and an Owner's representative, verify that all features of the software are working correctly, including interfaces with any associated trades. Document the result of all tests and provide these results to the Owner and correct immediately.

3.04 ADJUSTMENT, CLEANING, AND DEMONSTRATING

A. Prior to final adjustments, the HVAC system must be completed and balanced. Test that all openings meet ANSI A117.1 for closer opening pressure, closing speed, latching, and hardware operating forces. Replace items that cannot be adjusted to operate freely and smoothly or as intended for application.

B. Prior to final walk-through inspection, clean adjacent surfaces soiled by hardware installation. Clean finish hardware per manufacturer's instructions after final adjustments have been made. Remove all protection and replace items that cannot be cleaned to manufacturer's level of finish quality.

C. Demonstration and training will be conducted as per the following sessions. All sessions will be recorded and turned over to the Owner for future use.
   1. Hardware Maintenance: Conduct a training class for building maintenance personnel demonstrating the adjustment, operation, and maintenance of mechanical and electrified hardware. Special tools for finish hardware to be turned over and demonstrated usage at the meeting.
   2. Key control system: Train the Owner's designated representative on the key control system demonstrating the permanent file keys, duplicate loaner keys, key receipts, key envelopes, key change identification sheets, bitting lists, tags, and labels. When key management software is provided training will be provided for the setup and usage of the software.
   3. Access control: Demonstrate the management and programming of the access control system including the following, but not limited to:
      a. System administration personnel to manage the LAN and databases including updating, maintaining, and backing up the system and database software.

b. Instruct on all software features and programming for managing the credentials, users, access points, time zones, alarms and events, door monitoring, audit trails, and time schedules.

3.05 PROTECTION

A. Leave manufacturer's protective film intact and protect exit devices, locks, and surface mounted hardware with kraft paper or bubble wrap. Cover fire labels at painted products that bear a label with magnetic or masking tape. Keep protection in place until time of final cleaning and adjustment.

3.06 HARDWARE SET SCHEDULE

A. Door hardware items have been placed in sets which are intended to be a guide of design, grade, quality, function, operation, and performance.
   1. Review products that may require mounting accessories to meet door, frame, and swing conditions as these final details vary from manufacturer to manufacturer and provide as required.
   2. Where additional items of hardware are required for completion of the Work, a written statement of such omission, error, or other discrepancy is required to be submitted to the Architect, prior to bid date for clarification via an addendum.

3.07 HARDWARE SCHEDULE

Manufacturer List

Code:	Name:
BES	BEST
PRE	BEST (Precision)
BRN	Burns Manufacturing
DK	dormakaba
DKA	dormakaba Architectural
DKC	dormakaba Commercial
NGP	National Guard Products
ROC	Rockwood Manufacturing
RCI	Rutherford Controls, Inc.
VON	Von Duprin

Option List

Code:	Name:
TS	Touchbar Monitoring Switch
LD	Less Dogging
LBR	Less bottom rod
VIBC	Coin Turn Outside / Thumbturn inside
HC	Hurricane Code Device
HH	Wind and Impact - Hurricane Rated
EO	Exit Only
CD	Cylinder Dogging
HD	Heavy Duty
NLOP	Night Latch, Opt. Pull
RX	Request to Exit
INL	Intruder Function
B4E Heavy	Heavy Beveled Edges
RP3	Rings for 7 pin cylinder
FL	Fire Rated Hardware
QEL	Quiet Electric Latch Retraction

CSK	Countersunk Holes
7090	Pull side mounting bracket
SNB	Sex Nut and Bolt
MLR	Motorized Latch Retraction
C	Pre-Terminated Quick Connect Plug
KR	Keyed Removeable
PATD	Patented
S458	Roller Strike
10-24 SS MS/LA	10-24 Stainless Steel Machine Screw/Lead Anchor
LAR	Length As Required
RP	Rim Cylinder Ring
NRP	Non-Removable Pin
SN	Sex Nuts and Bolts

Finish List

Code:	Name:
A	Anodized Aluminum
AL	Aluminum, Clear-Coated
B	Brown
W	White
DKBZ	Dark Bronze
US27	Mill Aluminum
26D	Satin Chromium plated
32D	Satin Stainless Steel
600	Primer
626	Satin Chromium Plated
630	Satin Stainless Steel
689	Painted Aluminum
690	Painted Duranodic Bronze
690	Dark bronze coated
695	Duranodic Dark Bronze
695	Painted Dark Bronze

HARDWARE SETS

Set #1 - EXT.ALUM. / CARD READER, VIDEO INTERCOM, LOCKDOWN

Doors: 1-001, 1-002-3

2	Hinge	661HDUL EPT10 95IN	AL	BES
2	Power Transfer	EPT 10		VON
1	Mullion	HH KR 4954 x Ht. as req'd.	695	VON
1	Exit Device	HH RX QEL XP98 NLOP	695	VON
1	Exit Device	HH CD RX 98 EO	695	VON
1	Rim Cylinder	12E 7 2 CORMAX RP	690	BES
2	Mortise Cylinder	1E 7 4 RP3 CORMAX	690	BES
2	Pull	29C	DarkBronz	BRN
2	Door Closer	QDC119 R SN	690	DKC
1	Gasketing	5100N Mullion		NGP
1	Gasketing	Provided by Alum. Door Manufacturer		
1	Threshold	896 S LAR (10-24 SS MS/LA)	A	NGP
1	Power Supply	PS902 900-2RS		VON
2	Door Position Switch	9540	W	RCI
1	Wire Harnesses	As Required		
1	Video Intercom Station	Provided by Access Control Contractor		
1	Card Reader	Provided by Access Control Contractor		

NOTE: Provide drop plates and blade stop spacers as required for door closers. Exit devices and mullion must meet FBC hurricane requirements as documented by Aluminum Door Manufacturer. Operation: Doors normally closed and locked. Turning key in outside cylinder on active leaf retracts latch bolt. Inactive leaf is for exiting only. Presenting valid credential to card reader or remote release signal from video intercom system retracts motorized latch bolt, allowing entry through the active leaf. Door Position Switches monitor door status. Request-to-Exit Switches in exit devices are activated upon depressing push pad, shunting forced door alarm at Access Control System. When latch is retracted, lockdown switch at Reception returns exit device to latched and locked state in case of emergency. Free egress is possible at all times through both leaves. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #2 - EXT.ALUM. / MONITORED

Doors: 1-001-1, 1-002-2

2	Hinge	661HDUL EPT10 95IN	AL	BES
2	Power Transfer	EPT 10		VON
1	Mullion	HH KR 4954 x Ht. as req'd.	695	VON
1	Exit Device	HH CD RX XP98 NLOP	695	VON
1	Exit Device	HH CD RX 98 EO	695	VON
1	Rim Cylinder	12E 7 2 CORMAX RP	690	BES
3	Mortise Cylinder	1E 7 4 RP3 CORMAX	690	BES
2	Pull	29C	DarkBronz	BRN
2	Door Closer	QDC119 R SN	690	DKC
1	Gasketing	5100N Mullion		NGP
1	Gasketing	Provided by Alum. Door Manufacturer		
1	Threshold	896 S LAR (10-24 SS MS/LA)	A	NGP
1	Power Supply	PS902 900-2RS		VON
2	Door Position Switch	9540	W	RCI
1	Wire Harnesses	As Required		

NOTE: Provide drop plates and blade stop spacers as required for door closers. Exit devices and mullion must meet FBC hurricane requirements as documented by Aluminum Door Manufacturer. Operation: Doors normally closed and locked. Turning key in outside cylinder on active leaf retracts latch bolt. Inactive leaf is for exiting only. Door Position Switches monitor door status. Request-to-Exit Switches in exit devices are activated upon depressing push pad, shunting forced door alarm at Access Control System. Free egress is possible at all times through both leaves. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #3 - EXT.HM. / CARD READER

Doors: S101, S102

6	Hinge	FBB199 NRP 45X45	32D	BES
1	Mullion	RM 0 HCXKR 822 MCS	600	PRE
1	Exit Device	C HC MLR TS 2103 SNB A S458 1703	630	PRE
1	Exit Device	C HC TS 2102 CD A S458 1702	630	PRE
2	Rim Cylinder	12E 7 2 CORMAX RP	690	BES
1	Mortise Cylinder	1E 7 4 RP3 CORMAX	690	BES
2	Door Closer	QDC119 R SN	690	DKC
2	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Gasketing	127N Head & Jambs (2)	A	NGP
1	Gasketing	5100N Mullion		NGP
1	Threshold	896 S LAR (10-24 SS MS/LA)	A	NGP
1	Power Supply	RPSMLR2BB		PRE
2	Door Position Switch	9540	W	RCI

1	Wire Harness	WH-192		BES
1	Wire Harness	WH-26		BES
1	Card Reader	Provided by Access Control Contractor		

NOTE: Doors normally closed and locked. Turning key in outside cylinder on active leaf retracts latch bolt. Inactive leaf is for exiting only. Presenting valid credential to card reader retracts motorized latch bolt, allowing entry through the active leaf. Door Position Switches monitor door status. Request-to-Exit Switches in exit devices are activated upon depressing push pad, shunting forced door alarm at Access Control System. Free egress is possible at all times through both leaves. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #4 - EXT.HM. / CARD READER

Doors: 1-008, 1-025

6	Hinge	FBB199 NRP 45X45	32D	BES
1	Power Transfer	EPT-12C		PRE
1	Flushbolt	556WS	626	ROC
1	Electromech. Lock	45HW 7 DEU 14 H PATD C RQE	626	BES
2	Door Closer	QDC119 R SN	690	DKC
2	Armor Plate	AP50 CSK B4E Heavy 34" Door Width less 1"	630	BRN
1	Astragal	9115A (SET)		NGP
1	Threshold	425 LAR (10-24 SS MS/LA) HD	A	NGP
2	Sweep	200N LAR	A	NGP
1	Power Supply	DKPS-2A		DKA
2	Door Position Switch	9540	W	RCI
1	Wire Harness	WH-192		BES
1	Wire Harness	WH-38		BES
1	Card Reader	Provided by Access Control Contractor		

NOTE: Doors normally closed, latched, and locked. Turning key in outside cylinder retracts latch bolt, allowing entry through the active leaf. Presenting valid credential to card reader temporarily unlocks outside lever, allowing entry. Door Position Switches monitor door status. Request-to-Exit Switch in lockset is activated by turning inside lever when exiting, shunting forced door alarm at Access Control System. Free egress is possible at all times through the active leaf. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #5 - EXT.HM. / MONITORED

Doors: 1-019

8	Hinge	FBB199 NRP 45X45	32D	BES
1	Power Transfer	EPT-12C		PRE
1	Flushbolt	556WS	626	ROC
1	Electromech. Lock	45HW 7 DEU 14 H PATD C RQE	626	BES
2	Door Closer	QDC119 R SN	690	DKC
2	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 1"	630	BRN
1	Astragal	9115A (SET)		NGP
1	Threshold	425 LAR (10-24 SS MS/LA) HD	A	NGP
2	Sweep	200N LAR	A	NGP
2	Door Position Switch	9540	W	RCI
1	Wire Harness	WH-192		BES
1	Wire Harness	WH-38		BES

NOTE: Doors normally closed, latched, and locked. Turning key in outside cylinder retracts latch bolt, allowing entry through the active leaf. Door Position Switches monitor door status. Request-to-Exit Switch in lockset is activated by turning inside lever when exiting, shunting forced door alarm at Access

Control System. Free egress is possible at all times through the active leaf. Wire request-to-exit switch only in lockset. 24VDC not required for this opening. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #6 – NOT USED

Set #7 - EXT.HM. / MONITORED

Doors: 1-005-1

6	Hinge	FBB199 NRP 45X45	32D	BES
2	Power Transfer	EPT-12C		PRE
1	Mullion	RM 0 HCXKR 822 MCS	600	PRE
1	Exit Device	C HC TS 2103 SNB A S458 1703	630	PRE
1	Exit Device	C HC TS 2101 S458 1701	630	PRE
2	Rim Cylinder	12E 7 2 CORMAX RP	690	BES
2	Mortise Cylinder	1E 7 4 RP3 CORMAX	690	BES
2	Door Closer	QDC119 R SN	690	DKC
2	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Gasketing	127N Head & Jambs (2)	A	NGP
1	Gasketing	5100N Mullion		NGP
1	Threshold	896 S LAR (10-24 SS MS/LA)	A	NGP
2	Door Position Switch	9540	W	RCI
2	Wire Harness	WH-192		BES
2	Wire Harness	WH-26		BES

NOTE: Doors normally closed and locked. Turning key in outside cylinder on active leaf retracts latch bolt. Inactive leaf is for exiting only. Door Position Switches monitor door status. Request-to-Exit Switches in exit devices are activated upon depressing push pad, shunting forced door alarm at Access Control System. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #8 - EXT.HM. / MONITORED

Doors: 1-008C

3	Hinge	FBB199 NRP 45X45	32D	BES
1	Power Transfer	EPT-12C		PRE
1	Electromech. Lock	45HW 7 DEU 14 H PATD C RQE	626	BES
1	Door Closer	QDC119 R SN	690	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Gasketing	127N Head & Jambs (2)	A	NGP
1	Sweep	200N LAR	A	NGP
1	Threshold	425 LAR (10-24 SS MS/LA) HD	A	NGP
2	Door Position Switch	9540	W	RCI
1	Wire Harness	WH-192		BES
1	Wire Harness	WH-38		BES

NOTE: Do not connect 24VDC power to electrified lockset. No electric locking / unlocking required. Wire internal Request-to-Exit Switch only. Operation: Door Position Switch monitors door status. Request-to-Exit Switch in lockset is activated upon turning inside lever when exiting, shunting forced door alarm at Access Control System. Free egress is possible at all times. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control System Contractor.

Set #9 - OVERHEAD DOOR

Doors: 1-011-1

1	Door Position Switch	Provided by Access Control Contractor

NOTE: Hardware provided overhead door manufacturer / supplier. Door Position Switch monitors door status. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control System Contractor.

Set #10 - INT.ALUM. / MONITORED

Doors: 1-002-1

2	Hinge	661HDUL EPT10 95IN	AL	BES
2	Power Transfer	EPT 10		VON
1	Mullion	KR 4954 x Ht. as req'd.	695	VON
1	Exit Device	CD RX XP98 NLOP	695	VON
1	Exit Device	CD RX 98 EO	695	VON
1	Rim Cylinder	12E 7 2 CORMAX RP	690	BES
3	Mortise Cylinder	1E 7 4 RP3 CORMAX	690	BES
2	Pull	29C	DarkBronz	BRN
2	Door Closer	QDC119 R SN	690	DKC
1	Gasketing	5100N Mullion		NGP
1	Gasketing	Provided by Alum. Door Manufacturer		
2	Door Position Switch	9540	W	RCI
1	Wire Harnesses	As Required		

NOTE: Provide drop plates and blade stop spacers as required for door closers. Operation: Doors normally closed and locked. Turning key in outside cylinder on active leaf retracts latch bolt. Inactive leaf is for exiting only. Door Position Switches monitor door status. Request-to-Exit Switches in exit devices are activated upon depressing push pad, shunting forced door alarm at Access Control System. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #11 - INT.ALUM. / CARD READER, REMOTE RELEASE BUTTON

Doors: 1-002

2	Hinge	661HDUL EPT10 95IN	AL	BES
2	Power Transfer	EPT 10		VON
1	Mullion	KR 4954 x Ht. as req'd.	695	VON
1	Exit Device	RX QEL XP98 NLOP	695	VON
1	Exit Device	CD RX 98 EO	695	VON
1	Rim Cylinder	12E 7 2 CORMAX RP	690	BES
2	Mortise Cylinder	1E 7 4 RP3 CORMAX	690	BES
2	Pull	29	DarkBronz	BRN
2	Door Closer	QDC119 R SN	690	DKC
1	Gasketing	5100N Mullion		NGP
1	Gasketing	Provided by Alum. Door Manufacturer		
1	Power Supply	PS902 900-2RS		VON
2	Door Position Switch	9540	W	RCI
1	Rocker Switch	909 S MO		RCI
1	Wire Harnesses	As Required		
1	Card Reader	Provided by Access Control Contractor		

NOTE: Provide drop plates and blade stop spacers as required for door closers. Operation: Doors normally closed and locked. Turning key in outside cylinder on active leaf retracts latch bolt. Inactive leaf is for exiting only. Presenting valid credential to card reader or signal from remote release button in

Reception retracts motorized latch bolt, allowing entry through the active leaf. Door Position Switches monitor door status. Request-to-Exit Switches in exit devices are activated upon depressing push pad, shunting forced door alarm at Access Control System. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #12 - INT.HM. / CARD READER

Doors: 2-002, 1-028

3	Hinge	FBB179 45X45	26D	BES
1	Power Transfer	EPT-12C		PRE
1	Electromech. Lock	45HW 7 DEU 14 H PATD C RQE	626	BES
1	Door Closer	QDC111 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Wall Stop	575	630	BRN
3	Silencers	500	Gray	BRN
1	Power Supply	DKPS-2A		DKA
1	Door Position Switch	9540	W	RCI
1	Wire Harness	WH-192		BES
1	Wire Harness	WH-38		BES
1	Card Reader	Provided by Access Control Contractor		

NOTE: Door normally closed, latched, and locked. Turning key in outside cylinder retracts latch bolt. Presenting valid credential to card reader temporarily unlocks outside lever, allowing entry. Door Position Switch monitors door status. Request-to-Exit Switch in lockset is activated by turning inside lever, shunting forced door alarm at Access Control System. Free egress is possible at all times. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #13 -

Doors: C102, C101

6	Hinge	FBB168 NRP 45X45	26D	BES
1	Mullion	RM 0 KR 822 MCS	600	PRE
1	Exit Device	2103 CD A S458 1703	630	PRE
1	Exit Device	2102 CD A S458 1702	630	PRE
2	Rim Cylinder	12E 7 2 CORMAX RP	690	BES
2	Mortise Cylinder	1E 7 4 RP3 CORMAX	690	BES
2	Door Closer	QDC115 R SN	689	DKC
2	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
2	Wall Stop	560	626	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP

Set #14 -

Doors: 1-007

6	Hinge	FBB168 NRP 45X45	26D	BES
1	Exit Device	2803 CD LBR 4903 D	630	PRE
1	Exit Device	2802 CD LBR 4902 D	630	PRE
1	Rim Cylinder	12E 7 2 CORMAX RP	690	BES
2	Mortise Cylinder	1E 7 4 RP3 CORMAX	690	BES
2	Door Closer	QDC119 R SN	690	DKC
2	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 1"	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP
1	Gasketing	5070 84"	B	NGP

Set #15 -

Doors: S201, S202

3	Hinge	FBB168 45X45	26D	BES
1	Exit Device	FL 2114 D 4914 48"	630	PRE
1	Door Closer	QDC111 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP
1	Wall Stop	575	630	BRN

Set #16 -

Doors: 2-022

3	Hinge	FBB168 NRP 5X45	26D	BES
1	Mortise Lock	45H 7 INL 14 H PATD	626	BES
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Wall Stop	575	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP

Set #17 -

Doors: 2-006, 1-005

3	Hinge	FBB168 NRP 45X45	26D	BES
1	Exit Device	2103 LD D 4903	630	PRE
1	Rim Cylinder	12E 7 2 CORMAX RP	690	BES
1	Door Closer	QDC113 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
3	Silencers	500	Gray	BRN

Set #18 -

Doors: 2-009, 2-013, 2-021, 2-025, 1-013, 1-021, 1-027, 1-029

3	Hinge	FBB179 NRP 45X45	26D	BES
1	Mortise Lock	45H 7 D 14 H PATD	626	BES
1	Door Closer	QDC113 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
3	Silencers	500	Gray	BRN

Set #19 -

Doors: 1-029-1

3	Hinge	FBB179 NRP 45X45	26D	BES
1	Mortise Lock	45H 7 D 14 H PATD	626	BES
1	Door Closer	QDC113 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP

Set #20 -

Doors: 2-019, 1-011

3	Hinge	FBB179 45X45	26D	BES
1	Mortise Lock	45H 7 D 14 H PATD	626	BES
1	Door Closer	QDC111 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN

1	Wall Stop	575		630	BRN
3	Silencers	500		Gray	BRN

Set #21 -

Doors: 2-004, 1-010

3	Hinge	FBB191 45X45	32D	BES
1	Mortise Lock	45H 7 D 14 H PATD	626	BES
1	Door Closer	QDC111 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Mop Plate	MP50 6" Door Width less 1" CSK B4E Heavy	630	BRN
1	Wall Stop	575	630	BRN
3	Silencers	500	Gray	BRN

Set #22 -

Doors: 1-008A

3	Hinge	FBB199 45X45	32D	BES
1	Mortise Lock	45H 7 D 14 H PATD	626	BES
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Mop Plate	MP50 6" Door Width less 1" CSK B4E Heavy	630	BRN
1	Wall Stop	575	630	BRN
3	Silencers	500	Gray	BRN

Set #23 -

Doors: 2-023, 2-023-1

3	Hinge	FBB179 45X45	26D	BES
1	Mortise Lock	45H 7 R 14 H PATD	626	BES
1	Overhead Stop	90 2 H 7090	626	DK
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Mop Plate	MP50 6" Door Width less 1" CSK B4E Heavy	630	BRN
3	Silencers	500	Gray	BRN

Set #24 -

Doors: 1-032

3	Hinge	FBB179 45X45	26D	BES
1	Mortise Lock	45H 7 R 14 H PATD	626	BES
1	Wall Stop	575	630	BRN
1	Gasketing	5020 Head & Jambs (2)	B	NGP
1	Automatic Door Bottom	423N 36"	US27	NGP

Set #25 -

Doors: 2-007A

3	Hinge	FBB179 45X45	26D	BES
1	Mortise Lock	45H 7 R 14 H PATD	626	BES
1	Wall Stop	575	630	BRN
3	Silencers	500	Gray	BRN

Set #26 - INT. / CARD READER, REMOTE BUTTON

Doors: 1-003

3	Hinge	FBB168 45X45	26D	BES
1	Power Transfer	EPT-12C		PRE
1	Electromech. Lock	45HW 7 DEU 14 H PATD C RQE	626	BES
1	Door Closer	QDC111 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Wall Stop	575	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP
1	Power Supply	DKPS-2A		DKA
1	Door Position Switch	9540	W	RCI
1	Rocker Switch	909 S MO		RCI
1	Wire Harness	WH-38		BES
1	Wire Harness	WH-192		BES
1	Card Reader	Provided by Access Control Contractor		

NOTE: Door normally closed, latched, and locked. Turning key in outside cylinder retracts latch bolt, allowing entry. Presenting valid credential or signal from remote release button temporarily unlocks outside lever, allowing entry. Door Position Switch monitors door status. Request-to-Exit Switch in lockset is activated by turning inside lever when exiting, shunting forced door alarm at Access Control System. Free egress is possible at all times. Coordinate wiring and electrical requirements with Electrical Contractor and Access Control Contractor.

Set #27 -

Doors: 1-031

3	Hinge	FBB179 45X45	26D	BES
1	Mortise Lock	45H 7 AT 14 H PATD	626	BES
1	Wall Stop	575	630	BRN
3	Silencers	500	Gray	BRN

Set #28 -

Doors: 1-008B

3	Hinge	FBB191 45X45	32D	BES
1	Mortise Lock	45H 0 N 14 H	626	BES
1	Door Closer	QDC111 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Mop Plate	MP50 6" Door Width less 1" CSK B4E Heavy	630	BRN
1	Wall Stop	575	630	BRN
3	Silencers	500	Gray	BRN

Set #29 -

Doors: 2-005, 1-004, 1-009

3	Hinge	FBB179 45X45	26D	BES
1	Mortise Lock	45H 0 L 14 H VIBC	626	BES
1	Door Closer	QDC111 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Mop Plate	MP50 6" Door Width less 1" CSK B4E Heavy	630	BRN
1	Wall Stop	575	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP

Set #30 -

Doors: 2-017, 2-018, 1-017, 1-018

3	Hinge	FBB168 45X45	26D	BES
1	Push - Pull	73L x 5326C	630	BRN
1	Door Closer	QDC111 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Mop Plate	MP50 6" Door Width less 1" CSK B4E Heavy	630	BRN
1	Wall Stop	575	630	BRN
3	Silencers	500	Gray	BRN

Set #31 -

Doors: 1-030

3	Hinge	FBB168 NRP 45X45	26D	BES
1	Mortise Lock	45H 7 INL 14 H PATD	626	BES
1	Door Closer	QDC112 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Wall Stop	575	630	BRN
3	Silencers	500	Gray	BRN

Set #32 - INT./ CLASSROOM

Doors: 2-003, 2-007, 2-008, 2-014, 2-016, 2-024, 1-006, 1-014, 1-016, 1-022

3	Hinge	FBB168 NRP 45X45	26D	BES
1	Mortise Lock	45H 7 INL 14 H PATD	626	BES
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Wall Stop	575	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP

Set #33 – INT./ CLASSROOM

Doors: 2-010, 2-012, 2-026, 1-012, 1-020

3	Hinge	FBB168 NRP 45X45	26D	BES
1	Mortise Lock	45H 7 INL 14 H PATD	626	BES
1	Overhead Stop	90 2 S	626	DK
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP

Set #34 - INT./ CLASSROOM 4-0

Doors: 2-020

3	Hinge	FBB168 NRP 5X45	26D	BES
1	Mortise Lock	45H 7 INL 14 H PATD	626	BES
1	Overhead Stop	90 3 S	626	DK
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP

Set #35 -

Doors: 1-026

3	Hinge	FBB168 NRP 45X45	26D	BES
1	Mortise Lock	45H 7 AT 14 H PATD	626	BES
1	Door Closer	QDC111 R	689	DKC

1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Gasketing	5050 Head & Jambs (2)	B	NGP
1	Wall Stop	575	630	BRN

Set #36 -

Doors: 2-011, 2-011-1, 2-015, 2-015-1, 2-027, 2-027-1, 1-015, 1-015-1, 1-023, 1-023-1, 1-024

3	Hinge	FBB179 45X45	26D	BES
1	Mortise Lock	45H 7 R 14 H PATD	626	BES
1	Door Closer	QDC111 R	689	DKC
1	Kick Plate	KP50 CSK B4E Heavy 10" Door Width less 2"	630	BRN
1	Overhead Stop	90 2 S	626	DK
1	Gasketing	5050 Head & Jambs (2)	B	NGP

NOTE: Mount door closer on pull side of door. Mount overhead stop on push side of door. Coordinate templating requirements as required to avoid potential hardware conflict between stop and closer.

OPENING LIST:

OPENING #	SET	RATING
1-001	1	
1-001-1	2	
1-002	11	
1-002-1	10	
1-002-2	2	
1-002-3	1	
1-003	26	
1-004	29	
1-005	17	
1-005-1	7	
1-006	32	20
1-007	14	
1-008	4	
1-008A	22	
1-008B	28	
1-008C	8	
1-009	29	
1-010	21	
1-011	20	
1-011-1	9	
1-012	33	20
1-013	18	
1-014	32	20
1-015	36	20
1-015-1	36	20
1-016	32	20
1-017	30	
1-018	30	
1-019	5	
1-020	33	20
1-021	18	
1-022	32	20
1-023	36	20

1-023-1	36	20
1-024	36	20
1-025	4	
1-026	35	20
1-027	18	
1-028	12	
1-029	18	
1-029-1	19	20
1-030	31	
1-031	27	
1-032	24	
C101	13	
C102	13	
S101	3	
S102	3	
2-002	12	
2-003	32	20
2-004	21	
2-005	29	
2-006	17	
2-007	32	20
2-007A	25	
2-008	32	20
2-009	18	
2-010	33	20
2-011	36	20
2-011-1	36	20
2-012	33	20
2-013	18	
2-014	32	20
2-015	36	20
2-015-1	36	20
2-016	32	20
2-017	30	
2-018	30	
2-019	20	
2-020	34	20
2-021	18	
2-022	16	20
2-023	23	
2-023-1	23	
2-024	32	20
2-025	18	
2-026	33	20
2-027	36	20
2-027-1	36	20
S201	15	45
S202	15	45

END of SECTION

SECTION 10 80 00 - TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes toilet and bath accessory items as scheduled.

B. Toilet compartments and related accessories are specified in Division 10.

1.3 ACTION SUBMITTALS

A. General: Submit the following according to Conditions of Contract and Division 1 Specifications Sections.

B. Product data for each toilet accessory item specified, including construction details relative to materials, dimensions, gages, profiles, mounting method, specified options, and finishes.

C. Maintenance instructions including replaceable parts and service recommendations.

1.4 QUALITY ASSURANCE

A. Inserts and Anchorages: Furnish accessory manufacturers' standard inserts and anchoring devices that must be set in concrete or built into masonry. Coordinate delivery with other work to avoid delay.

B. Single-Source Responsibility: Provide products of same manufacturer for each type of accessory unit and for units exposed to view in same areas, unless otherwise acceptable to Architect.

1.5 PROJECT CONDITIONS

A. Coordination: Coordinate accessory locations, installation, and sequencing with other work to avoid interference with and ensure proper installation, operation, adjustment, cleaning, and servicing of toilet accessory items.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide toilet accessories by one of the following:

1. A & J Washroom Accessories.
2. American Specialties, Inc.
3. **Bobrick Washroom Equipment, Inc. Basis of Design; unless otherwise indicated.**
4. Bradley Corporation.
5. McKinney/Parker.
6. General Accessory Manufacturing Co.

2.2 MATERIALS, GENERAL

A. Stainless Steel: AISI Type 302/304, with polished No. 4 finish, 0.034 inch (0.9 mm) minimum thickness.

B. Brass: Leaded and unleaded, flat products, ASTM B 19; rods, shapes, forgings, and flat products with finished edges, ASTM B 16 (ASTM B 16M); Castings, ASTM B 30.

C. Sheet Steel: Cold-rolled, commercial quality ASTM A 366 (ASTM A 366M), 0.04 inch (1.0 mm) minimum. Surface preparation and metal pretreatment as required for applied finish.

D. Galvanized Steel Sheet: ASTM A 527 G60 (ASTM A 527M Z180).

E. Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456, Type SC 2.

F. Mirror Glass: Nominal 6.0 mm thick, conforming to ASTM C 1036, Type I, Class 1, Quality q2, and with silvering, electro- plated copper coating, and protective organic coating.

G. Galvanized Steel Mounting Devices: ASTM A 153, hot-dip galvanized after fabrication.

H. Fasteners: Screws, bolts, and other devices of same material as accessory unit, or of galvanized steel where concealed.

2.3 GRAB BARS

A. Stainless Steel Type: Provide grab bars with wall thickness not less than 0.05 inch (1.3 mm) and as follows:

1. Mounting: Concealed, manufacturer=s standard flanges and anchorages.
2. Clearance: 1-1/2 inch clearance between wall surface and inside face of bar.
3. Gripping Surfaces: Manufacturer=s standard nonslip texture.
4. Heavy-Duty Size: Outside diameter of 1-1/2 inches.

B. MARK D: Basis of Design Bobrick Model No. B-6806 x 42 inch long.

C. MARK E: Basis of Design Bobrick Model No. B-6806 x 36 inch long.

2.4 HOOKS

A. MARK T: Basis of Design Bobrick Model No. B-76717, Robe Hook.

2.5 MIRROR UNITS

A. One-piece, roll-formed 3/4” x3/4” angle-frame, Type 304 stainless steel angle with satin finish. Corners heliarch welded ground and polished smooth. Beveled frame edge at mirror for improved appearance. 1/4” tempered glass mirror. Galvanized steel back. Secured to concealed wall hanger with theft-resistant mounting.

B. MARK M: Basis of Design Bobrick Model B-2908 1836 Tempered Glass Welded Frame Mirror, 18" x 36".

2.6 SHELF WITH MOP AND BROOM HOLDER (Coordinate with Plumbing fixture submittal)

A. MARK Y: Basis of Design Bobrick Model No. B-224 x 36, 36" Long w/ 4 cam type holder clamps.

2.7 SOAP DISPENSERS - OFCI (Owner Furnished, Contractor Installed)

A. MARK H: Surface Mounted Soap Dispenser- Obtain specification from Owner for installation instructions.

2.8 WASTE RECEPTACLE

A. MARK O: Basis of Design Bobrick Model No. B-2250, 13-gal floor-standing waste receptacle with top.

2.9 PAPER TOWEL DISPENSER

A. MARK B: Basis of Design Bobrick Model No. B-72974, automatic, universal surface mounted roll dispenser. Unit shall dispense non-perforated 8” rolls, 800 ft long.

2.10 SURFACE MOUNTED 3-ROLL TOILET TISSUE DISPENSER - OFCI (Owner Furnished, Contractor Installed)

A. MARK A: Tork #56 58 28- Obtain specification from Owner for installation instructions.

2.11 SURFACE MOUNTED HAND DRYER- (WCSD standard)

A. MARK G: Xlerator Excel Hand Dryer- See mechanical for electrical requirements. Obtain specification from Owner for installation instructions.

2.12 SURFACE MOUNTED SANITARY NAPKIN DISPOSAL

A. MARK C: Basis of Design Bobrick Model No. B-270.

2.13 BABY CHANGING TABLE

A. MARK Z: Basis of Design Koala Kare Model No. KB310-SSRE. Horizontal Stainless Steel recessed-mounted baby changing station. ADA compliant.

2.14 COAT HOOKS ON TOILET COMPARTMENT DOORS

A. MARK P: Refer to Section 10 15 50 Toilet Compartments for these accessories.

2.15 SURFACE MOUNTED HAND SANITIZER DISPENSER - OFCI (Owner Furnished, Contractor Installed)

A. MARK K: Surface Mounted Soap/ Sanitizer Dispenser - Obtain specification from Owner for installation instructions.

2.16 FABRICATION

A. General: Only a maximum 1-1/2 inch (38 mm) diameter, unobtrusive stamped manufacturer logo, as approved by Architect, is permitted on exposed face of toilet or bath accessory units. On either interior surface not exposed to view or back surface, provide additional identification by either a printed, waterproof label or a stamped nameplate, indicating manufacturer's name and product model number.

B. Surface-Mounted Toilet Accessories, General: Except where otherwise indicated, fabricate units with tight seams and joints, exposed edges rolled. Hang doors or access panels with continuous stainless steel piano hinge. Provide concealed anchorage wherever possible.

C. Recessed Toilet Accessories, General: Except where otherwise indicated, fabricate units of all-welded construction, without mitered corners. Hang doors or access panels with full-length, stainless steel piano hinge. Provide anchorage that is fully concealed when unit is closed.

D. Framed Mirror Units, General: Fabricate frames for glass mirror units to accommodate wood, felt, plastic, or other glass edge protection material. Provide mirror backing and support system that will permit rigid, tamperproof glass installation and prevent moisture accumulation, as follows:

1. Provide galvanized-steel backing sheet, not less than 0.034 inch (0.9 mm) and full mirror size, with non-absorptive filler material. Corrugated cardboard is not an acceptable filler material.

E. Mirror Unit Hangers: Provide system for mounting mirror units that will permit rigid, tamperproof, and theftproof installation, as follows:

1. Heavy-duty wall brackets of galvanized steel, equipped with concealed locking devices requiring a special tool to remove.

F. Keys: Provide universal keys for access to toilet accessory units requiring internal access for servicing, resupply, etc. Provide minimum of six keys to Owner's representative.

PART 3 - SUBMITTALS

3.1 INSTALLATION

A. Install toilet accessory units according to manufacturers' instructions, using fasteners appropriate to substrate as recommended by unit manufacturer. Install units plumb and level, firmly anchored in locations and at heights indicated.

B. Secure mirrors to walls in concealed, tamperproof manner with special hangers, toggle bolts, or screws. Set units plumb, level, and square at locations indicated, according to manufacturer's instructions for type of substrate involved.

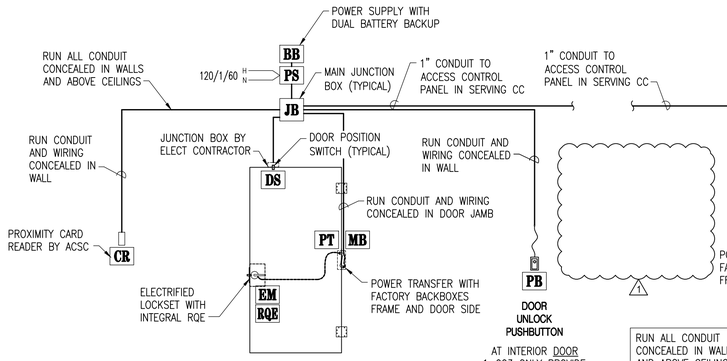
C. Install grab bars to withstand a downward load of at least 250 lbf (1100 N), complying with ASTM F 446.

3.2 ADJUSTING AND CLEANING

A. Adjust toilet accessories for proper operation and verify that mechanisms function smoothly. Replace damaged or defective items.

B. Clean and polish all exposed surfaces strictly according to manufacturer's recommendations after removing temporary labels and protective coatings.

END OF SECTION 10 80 00



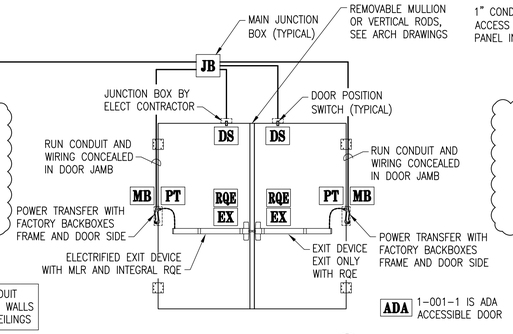
DOOR ROUGH-IN DETAIL (5)

SET #12

N.T.S.

SECURE DOORS WITH ELECTRIFIED LOCKSET

COMM CLOSET DOORS 1-028, 2-002, SECRETARY DOOR 1-003



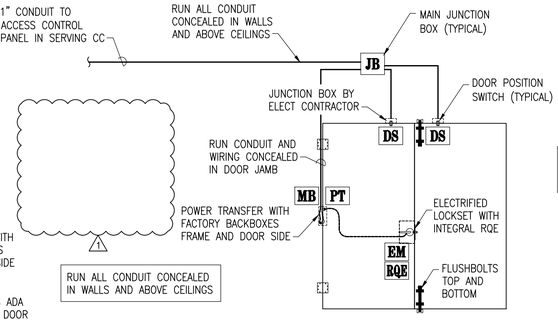
DOOR ROUGH-IN DETAIL (6)

SET #2 SET #7 SET #10

N.T.S.

MONITORED DOUBLE DOORS WIITH EXIT DEVICES

DOORS 1-001-1, 1-002-2, ELECT 1-005-1, 1-002-1



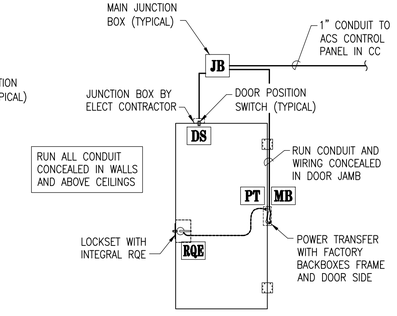
DOOR ROUGH-IN DETAIL (7)

SET #5

N.T.S.

MONITORED DOUBLE DOOR - ELECTRIFIED LOCKSET & ONE LEAF WITH FLUSHBOLTS

SERVICE DOOR 1-019



DOOR ROUGH-IN DETAIL (8)

TBD

N.T.S.

MONITORED SINGLE DOOR WITH LOCKSET

BOILER ROOM DOOR 1-008C

LOCKDOWN NOTES

TIE ALL SECURE DOORS INSTALLED UNDER THIS PROJECT TO THE SYSTEM LOCKDOWN.

THE ACCESS CONTROL SYSTEM SHALL IMMEDIATELY ELECTRICALLY LOCK ALL SECURE DOORS UPON ACTIVATION OF THE LOCKDOWN SYSTEM BY DISTRICT PERSONNEL FROM A LOCKDOWN SWITCH AT THE RECEPTION DESK AT THE SECURE LOBBY OR FROM A SECOND LOCKDOWN SWITCH IN THE SCHOOL SAFETY SPECIALIST OFFICE (OR ALTERNATE LOCATION AS DIRECTED BY OWNER). THE TWO LOCKDOWN SWITCHES SHALL BE FULLY REDUNDANT AND SHALL OPERATE IN PARALLEL SUCH THAT EITHER SWITCH SHALL INITIATE A CAMPUS-WIDE LOCKDOWN. THE LOCKDOWN SHALL BE RELEASED AND SECURE DOORS PLACED IN NORMAL STATUS FOR THE CURRENT TIME ONLY WHEN BOTH LOCKDOWN SWITCHES ARE RETURNED TO THE NORMAL POSITION.

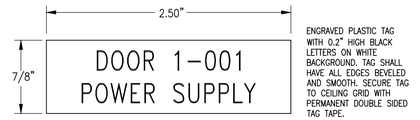
THE ACCESS CONTROL SYSTEM SHALL ALSO IMMEDIATELY LOCK ALL SECURE DOORS UPON A FORCED ENTRY ALARM FROM THE INTRUSION ALARM SYSTEM, UNLESS OTHERWISE DIRECTED BY THE OWNER (ACCESS CONTROL SYSTEM CONTRACTOR REQUEST DIRECTION IN WRITING FROM OWNER'S PROJECT MANAGER). THE LOCKDOWN SHALL BE RELEASED AND SECURE DOORS PLACED IN NORMAL STATUS FOR THE CURRENT TIME ONLY WHEN THE SYSTEM IS RETURNED TO NORMAL OPERATION AND THE SHUTDOWN TERMINATED BY THE OWNER.

ALL SECURE DOORS WITH ELECTRIC LOCKING DEVICES SHALL FAIL SECURE UPON LOSS OF POWER FOR ANY REASON. MECHANICAL FREE EGRESS SHALL ALWAYS BE AVAILABLE AT ALL SECURE DOORS.

EMERGENCY NOTIFICATION NOTE

THE ACS CONTRACTOR SHALL PROVIDE ALL WORK REQUIRED TO TIE THE ACCESS CONTROL SYSTEM INSTALLED UNDER THIS PROJECT TO THE CAMPUS INTRUSION ALARM SYSTEM TO IMMEDIATELY SEND EMERGENCY NOTIFICATION TO OWNER DESIGNATED RECEIVING STATIONS OF AN INTRUSION ALARM OR LOCKDOWN EVENT. IN ADDITION THE ACSC SHALL REPORT ALARM EVENTS TO OWNER DESIGNATED DISTRICT EMPLOYEES OR OTHER INDIVIDUALS OR COMPANIES BY ANY COMBINATION OF TEXT, EMAIL OR OTHER NOTIFICATION METHOD AS DIRECTED BY THE OWNER.

ALARM REPORTING



ENGRAVED PLASTIC TAG WITH 0.2" HIGH BLACK LETTERS ON WHITE BACKGROUND. TAG SHALL HAVE ALL EDGES BEVELED AND SMOOTH. SECURE TAG TO CEILING GRID WITH PERMANENT DOUBLE SIDED TAG TAPE.

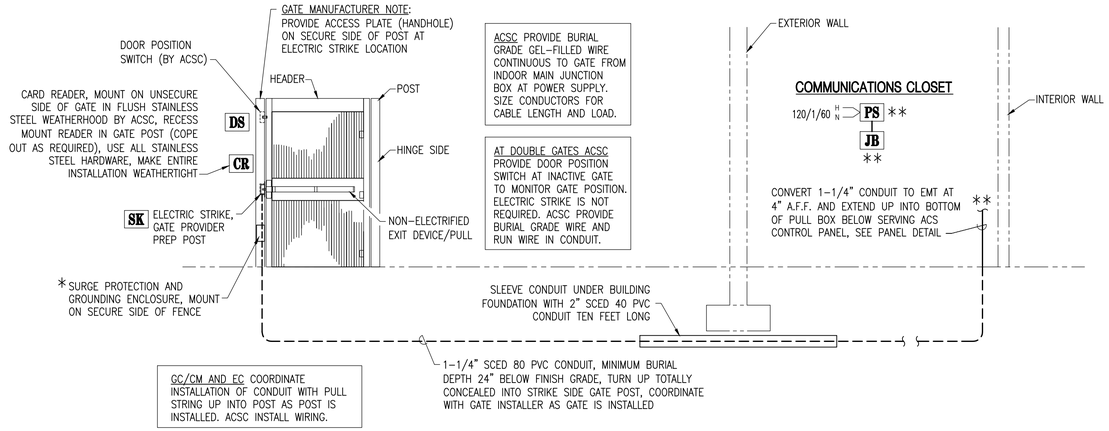
TYPICAL SECURE DOOR POWER SUPPLY ENGRAVED TAG DETAIL

NOT TO SCALE

PROVIDE AT EACH SECURE DOOR POWER SUPPLY. SECURE TAG TO CEILING GRID WITH PERMANENT DOUBLE SIDED TAG TAPE.

ABBREVIATIONS

CER	COMMUNICATIONS EQUIPMENT ROOM
CC	COMMUNICATIONS CLOSET
ACS	ACCESS CONTROL SYSTEM
ACSC	ACCESS CONTROL SYSTEM CONTRACTOR
SCSC	STRUCTURED CABLING SYSTEM CONTRACTOR
EC	ELECTRICAL CONTRACTOR
CM/GC	CONSTRUCTION MANAGER/GENERAL CONTRACTOR

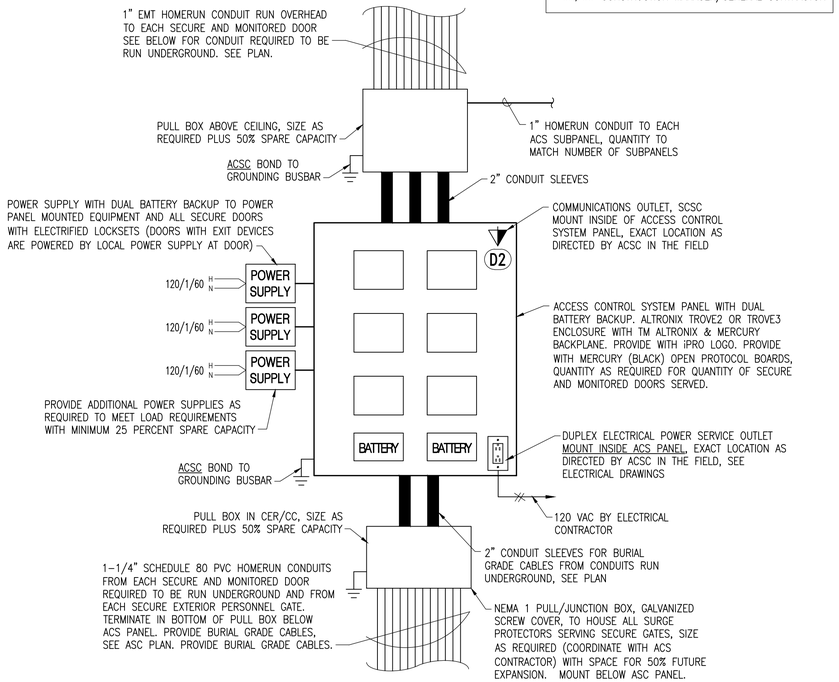


*ACS CONTRACTOR PROVIDE DITEK DTK-4LVLPCR HEAVY DUTY COMMERCIAL GRADE SURGE PROTECTOR FOR LOW VOLTAGE POWER, CARD READER, AND SIGNAL CIRCUITS AT EACH GATE AND MOUNT IN STAINLESS STEEL NEMA 4X JUNCTION BOX AT GATE ALONG WITH SMALL GROUNDING BUSBAR. RECESS JUNCTION BOX INTO STRIKE SIDE POST. MAKE JUNCTION BOX MINIMUM SIZE REQUIRED. VERIFY SURGE PROTECTION CLAMPING VOLTAGES FOR EACH APPLICATION. PROVIDE #2 AWG INSULATED TINNED COPPER GROUNDING CONDUCTOR AND BOND TO BOTH GATE POSTS AND TO GROUNDING BUSBAR USING HARGER GECLB22C TWO-HOLE LONG BARREL COMPRESSION LUG CONNECTORS AND STAINLESS STEEL HARDWARE (BOLTS, DOUBLE FLAT WASHERS, LOCK WASHERS AND NUTS). CRIMP COMPRESSION LUG CONNECTORS USING HARGER MCT101/0 MECHANICAL COMPRESSION TOOL WITH #2 AWG BROWN DIE (THREE CRIMP PER LUG). AT EACH GATE PROVIDE THREE 3/4"x10 FOOT LONG COPPER GROUND RODS SPACED AT 9 FEET APART WITH #2 AWG GROUNDING CONDUCTOR BURIED 18" DEEP AND RUN CONTINUOUS – BOND TO EACH GROUND ROD USING HARGER #302U UNIVERSAL DOUBLE BOLT GROUND ROD CLAMP. PROVIDE HARGER TGBI1426TGB 1/4"x2"x6" TINNED COPPER BUSBAR IN SURGE PROTECTION AND GROUNDING ENCLOSURE AT GATE. BOND ENCLOSURE TO BUSBAR. GATE PROVIDER SUBMIT SHOP DRAWINGS TO ACS ENGINEER FOR REVIEW ALONG WITH ARCHITECT.

**ACS CONTRACTOR PROVIDE POWER SUPPLY. ACSD CONTRACTOR PROVIDE DITEK DTK-4LVLPCR HEAVY DUTY COMMERCIAL GRADE SURGE PROTECTION FOR LOW VOLTAGE POWER, CARD READER, AND SIGNAL CIRCUITS AND MOUNT IN JUNCTION BOX BELOW SERVING ACS CONTROL PANEL – SEE PANEL DETAIL. VERIFY CLAMPING VOLTAGES FOR EACH APPLICATION. MOUNT SURGE PROTECTION INSIDE NEMA 1 SCREW COVER GALVANIZED STEEL BOX, SIZE AS REQUIRED. RUN #6 AWG GROUND CONDUCTOR AND BOND TO COMMUNICATIONS CLOSET GROUNDING BUSBAR, SURGE PROTECTORS AND POWER SUPPLY CHASSIS USING COMPRESSION LUG CONNECTORS AND STAINLESS STEEL HARDWARE.

SECURE PERSONNEL GATE ROUGH-IN DETAIL

N.T.S.



TYPICAL ACCESS CONTROL SYSTEM PANEL DETAIL

NOT TO SCALE

EMI architects
ARCHITECTURE
PLANNING INTERIORS
GRAPHICS
ELLIOTT MARSHALL INNES P.A. (EMI architects)
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NOTE:
11" x 17" SHEETS ARE PLOTTED AT 1/2
THE SCALE NOTED ON THESE DRAWINGS

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410 W. Nine Mile Road, Suite A Pensacola, Florida 32534
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Phone: (850) 469-0405 Fax: (850) 432-0905
Premier Project #23046

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Gregory A. Cook
BICSI ID # 104998
EXPIRES 12-31-27
RCDD

SWHS CAMPUS IMPROVEMENTS- CLASSROOM ADDITION

REV	DATE	DESCRIPTION
1	3/15/2025	ADDENDUM No. 01

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DATE	DRAWN BY
20 FEBRUARY 2026	JEC
PROJECT NO	CHECKED BY
68202	GAC

SHEET TITLE
ACCESS CONTROL TYPICAL DETAILS

SHEET NO	REV NO
ACS201	

IP SECURITY CAMERA SYSTEM FLOOR PLAN - FIRST FLOOR

3/32" = 1'-0"

NORTH

NO EXPOSED CONDUIT OR CABLE NOTE

EXPOSED CONDUIT AND EXPOSED CABLE IS PROHIBITED AT ALL SECURITY CAMERAS.

SECURITY CAMERA IDENTIFICATION NOTE

ALL SECURITY CAMERAS SHALL BE IDENTIFIED BASED ON CAMERA NUMBERING SYSTEM PROVIDED BY THE DISTRICT SCHOOL SAFETY SPECIALIST. IF ROOM NUMBERS ARE USED FOR INDOOR CAMERA IDENTIFICATION USE FINAL FISH ROOM NUMBERS. OBTAIN FINAL ROOM NUMBERS FROM THE ARCHITECT PRIOR TO IDENTIFYING AND LABELING CAMERA.

PROJECT NOTE (ALL SHEETS):

ALL MATERIALS AND EQUIPMENT INDICATED AND REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION SHALL BE NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNDER THIS PROJECT UNLESS SPECIFICALLY INDICATED TO BE EXISTING OR TO BE PROVIDED BY OTHERS.

ADDED SHEET 1

Graphic Scale

8 4 0 8FT 16FT

SCALE: 3/32" = 1'-0"

EMI architects

ARCHITECTURE
PLANNING INTERIORS
GRAPHICS

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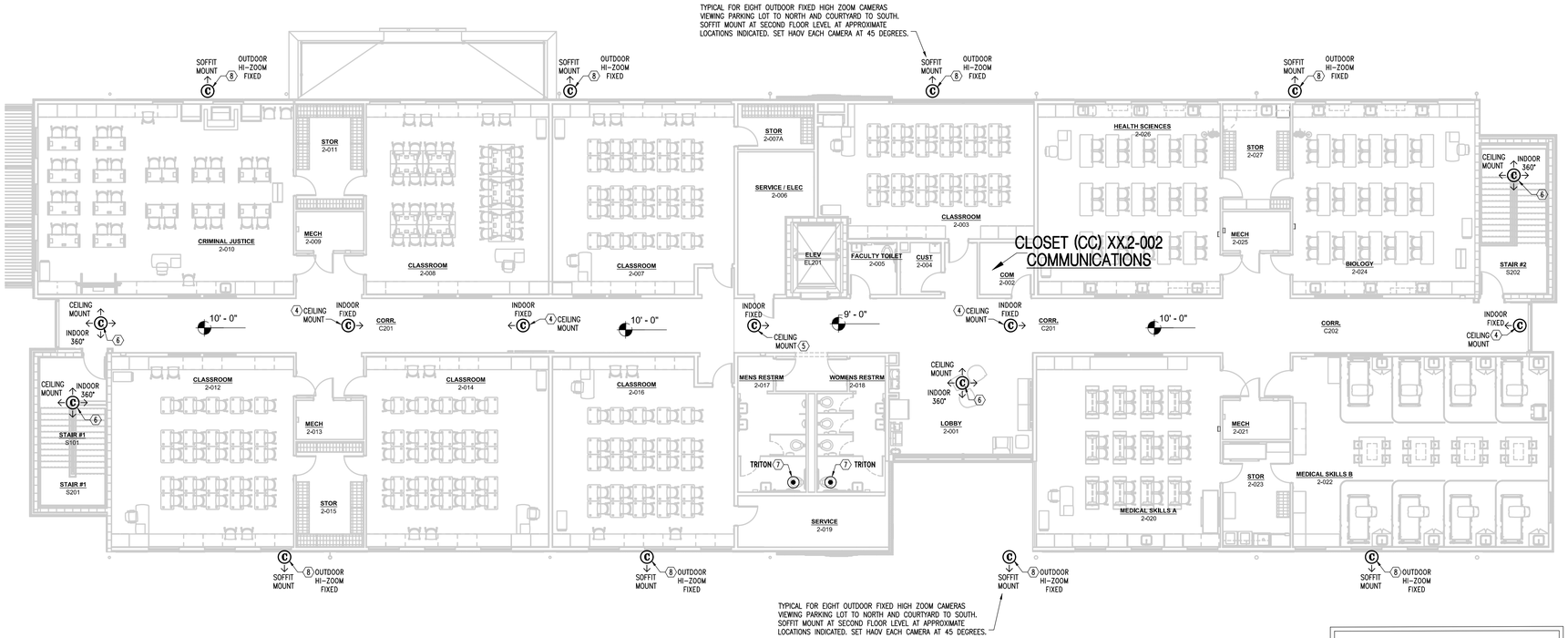
SHEET TITLE
IP SECURITY CAMERA SYSTEM FLOOR PLAN FIRST FLOOR

SHEET NO	REV NO
SEC100	



NORTH

IP SECURITY CAMERA SYSTEM FLOOR PLAN - SECOND FLOOR

3/32" = 1'-0"

IP SECURITY CAMERA SYSTEM FLOOR PLAN KEY NOTES

1. iPRO WV-S8573L 25 MEGAPIXEL HI-RES 3 x 4K MULTI-IMAGER OUTDOOR FIXED CAMERA (COLOR WHITE) – CORNER MOUNT. INSTALL AND SETUP FOR 270 DEGREE VIEW PLUS DOWNLOOK COVERAGE. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. CORNER MOUNT USING iPRO WV-QSR503F1-W SHROUD, iPRO WV-QWL506M1-W OUTDOOR WALL MOUNT AND iPRO WV-QCN500-W CORNER MOUNT ADAPTER (ALL COLOR WHITE). LOCATE CORNER MOUNT AND EXTEND CONDUIT THROUGH CORNER OF WALL IN EXACT LOCATION REQUIRED FOR CONDUIT TO EXTEND THRU FACTORY OPENING IN CORNER MOUNT AND TERMINATE IN FACTORY CONDUIT CONNECTOR IN WALL MOUNT. UNDER NO CIRCUMSTANCES WILL EXPOSED CONDUIT OR WIRING BE ALLOWED AT CAMERA MOUNTING. SET CORNER MOUNT IN FULL BED OF LEXEL CLEAR SEALANT/ADHESIVE AND SECURE TO STRUCTURE WITH EIGHT 3/8" DIAMETER STAINLESS STEEL BOLTS AND WASHERS. SECURE WALL MOUNT TO CORNER MOUNT WITH FOUR 3/8" DIAMETER STAINLESS STEEL BOLTS AND WASHERS. MAKE ALL PENETRATIONS OF WALL WATERTIGHT WITH LEXEL CLEAR SEALANT/ADHESIVE. EXTEND 3/4" CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN FREE-ROUTE CAT 6 CABLE ABOVE CEILING WITH CAT 5 J-HOOKS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE SERVICES CONTINUOUS FROM CAMERA TO SERVING CC.

1A. iPRO WV-S8574L 33 MEGAPIXEL HI-RES 4 X 4K MULTI-IMAGER OUTDOOR FIXED CAMERA (COLOR WHITE) – DIRECT SOFFIT MOUNT. INSTALL AND SETUP FOR 270 DEGREE VIEW PLUS DOWNLOOK COVERAGE. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. UNDER NO CIRCUMSTANCES WILL EXPOSED CONDUIT OR WIRING BE ALLOWED AT CAMERA MOUNTING. MOUNT ON SOFFIT USING USING FACTORY FURNISHED ATTACHMENT PLATE SECURED TO RECESSED ELECTRICAL GANG BOX. FIRMLY SECURE ELECTRICAL BOX TO SOFFIT SUPPORT STRUCTURE – ADD ADDITIONAL SUPPORT STRUCTURE AS REQUIRED. CAMERA INTEGRATOR PROVIDE INFORMATION TO ELECTRICAL CONTRACTOR ON COMPATIBLE GANG BOX. EXTEND 3/4" CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN FREE-ROUTE CAT 6 CABLE ABOVE CEILING WITH CAT 5 J-HOOKS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE SERVICES CONTINUOUS FROM CAMERA TO SERVING CC.

2. iPRO WV-S25700-V2LN 4K OUTDOOR FIXED CAMERA (COLOR WHITE) – WALL MOUNT. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. WALL MOUNT USING iPRO WV-QSR501-W SHROUD AND iPRO WV-QWL501-W OUTDOOR WALL MOUNT. LOCATE WALL MOUNT AND DRILL HOLE THROUGH WALL IN EXACT LOCATION REQUIRED FOR CONDUIT TO TERMINATE IN FACTORY CONDUIT CONNECTOR IN WALL MOUNT. UNDER NO CIRCUMSTANCES WILL EXPOSED CONDUIT OR WIRING BE ALLOWED AT CAMERA MOUNTING. SET WALL MOUNT IN FULL BED OF LEXEL CLEAR SEALANT/ADHESIVE AND SECURE TO STRUCTURE WITH FOUR 3/8" DIAMETER STAINLESS STEEL BOLTS. MAKE ALL PENETRATIONS OF WALL WATERTIGHT WITH LEXEL CLEAR SEALANT. EXTEND 3/4" CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN FREE-ROUTE CAT 6 CABLE ABOVE CEILING WITH CAT 5 J-HOOKS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE SERVICES CONTINUOUS FROM CAMERA TO SERVING CC.

3. iPRO WV-S4576LA OUTDOOR 360 DEGREE CAMERA (COLOR WHITE). FLAT WALL MOUNT FOR 180 DEGREE VIEW. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. FLAT WALL MOUNT USING FACTORY FURNISHED ATTACHMENT PLATE SECURED TO FLUSH MOUNT ELECTRICAL MASONRY GANG BOX OR GANG BOX WITH PLASTER RING TO SUIT WALL FINISH – CAMERA INTEGRATOR PROVIDE INFORMATION TO ELECTRICAL CONTRACTOR ON COMPATIBLE GANG BOX. UNDER NO CIRCUMSTANCES WILL EXPOSED CONDUIT OR WIRING BE ALLOWED AT CAMERA MOUNTING. MAKE ALL PENETRATIONS OF WALL WATERTIGHT WITH LEXEL CLEAR SEALANT. EXTEND 3/4" CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN FREE-ROUTE CAT 6 CABLE ABOVE CEILING WITH CAT 5 J-HOOKS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE SERVICES CONTINUOUS FROM CAMERA TO SERVING CC.

4. iPRO WV-S22500-V3L 5MP INDOOR FIXED CAMERA (COLOR WHITE) – CEILING MOUNT. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. FLUSH MOUNT IN LAY-IN AND HARD CEILINGS USING iPRO WV-QEM100W-W EMBEDDED CEILING MOUNT BRACKET (COLOR WHITE). SUPPORT MOUNTING BRACKET FROM ROOF OR FLOOR STRUCTURE ABOVE. EXTEND 3/4" CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN FREE-ROUTE CAT 6 CABLE ABOVE CEILING WITH CAT 5 J-HOOKS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE SERVICES CONTINUOUS FROM CAMERA TO SERVING CC.

5. iPRO WV-S22700-V2L 8MP (4K) INDOOR FIXED CAMERA (COLOR WHITE) – CEILING MOUNT. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. FLUSH MOUNT IN LAY-IN AND HARD CEILINGS USING iPRO WV-QEM100W-W EMBEDDED CEILING MOUNT BRACKET (COLOR WHITE). SUPPORT MOUNTING BRACKET FROM ROOF OR FLOOR STRUCTURE ABOVE. EXTEND 3/4" CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN FREE-ROUTE CAT 6 CABLE ABOVE CEILING WITH CAT 5 J-HOOKS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE SERVICES CONTINUOUS FROM CAMERA TO SERVING CC.

6. iPRO WV-S4176A 12 MEGAPIXEL INDOOR 360 DEGREE CAMERA (COLOR WHITE) – HARD AND LAY-IN CEILING MOUNT. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. CEILING MOUNT FOR 360 DEGREE VIEW. VERIFY EXACT LOCATION WITH OWNER AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. MOUNT ON CEILING USING DOUBLE GANG ELECTRICAL BOX WITH DOUBLE GANG PLASTER RING (OR AS RECOMMENDED BY CAMERA INTEGRATOR) SUPPORTED CEILING SUPPORT STRUCTURE AND iPRO FACTORY PROVIDED CAMERA ATTACHMENT PLATE. EXTEND CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN RUN 3/4" CONDUIT FROM PULL BOX CONCEALED CONTINUOUS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE SERVICES CONTINUOUS FROM CAMERA TO SERVING CC.

6A. iPRO WV-S4176A INDOOR 12 MEGAPIXEL 360 DEGREE CAMERA (COLOR WHITE). FLAT WALL MOUNT FOR 180 DEGREE VIEW. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. FLAT WALL MOUNT USING FACTORY FURNISHED ATTACHMENT PLATE SECURED TO FLUSH MOUNT ELECTRICAL MASONRY GANG BOX OR GANG BOX WITH PLASTER RING TO SUIT WALL FINISH – CAMERA INTEGRATOR PROVIDE INFORMATION TO ELECTRICAL CONTRACTOR ON COMPATIBLE GANG BOX. UNDER NO CIRCUMSTANCES WILL EXPOSED CONDUIT OR WIRING BE ALLOWED AT CAMERA MOUNTING. MAKE ALL PENETRATIONS OF WALL WATERTIGHT WITH LEXEL CLEAR SEALANT. EXTEND 3/4" CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN FREE-ROUTE CAT 6 CABLE ABOVE CEILING WITH CAT 5 J-HOOKS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE SERVICES CONTINUOUS FROM CAMERA TO SERVING CC.

7. TRITON ULTRA SMART SENSOR TRTN-UA001. CEILING MOUNT AND FULLY INTEGRATE INTO OWNER'S iPRO VIDEO-INSIGHT VIDEO MANAGEMENT SYSTEM. CEILING MOUNT. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. MOUNT ON CEILING USING ELECTRICAL GANG BOX WITH PLASTER RING SUPPORTED BY ERICO CADDY 512HD METAL HEAVY DUTY TILE CEILING BRIDGE AT LAY-IN CEILINGS AND BY CEILING SUPPORT STRUCTURE AT HARD CEILINGS. CAMERA INTEGRATOR PROVIDE INFORMATION TO ELECTRICAL CONTRACTOR ON COMPATIBLE GANG BOX. EXTEND 3/4" CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN FREE-ROUTE CAT 6 CABLE ABOVE CEILING WITH CAT 5 J-HOOKS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE SERVICES CONTINUOUS FROM SENSOR TO SERVING CC.

8. iPRO WV-X15701-Z3LN HIGH ZOOM (30X OPTICAL MOTORIZED ZOOM/MOTORIZED FOCUS) 4K OUTDOOR FIXED CAMERA WITH BUILT-IN 459 FOOT IR LED (COLOR BLACK) – SOFFIT MOUNT. VERIFY EXACT LOCATION WITH OWNER, ARCHITECT AND CAMERA INTEGRATOR PRIOR TO INSTALLATION. SOFFIT MOUNT USING FACTORY FURNISHED ATTACHMENT PLATE SECURED TO FLUSH MOUNT ELECTRICAL MASONRY GANG BOX – CAMERA INTEGRATOR PROVIDE INFORMATION TO ELECTRICAL CONTRACTOR ON COMPATIBLE GANG BOX. UNDER NO CIRCUMSTANCES WILL EXPOSED CONDUIT OR WIRING BE ALLOWED AT CAMERA MOUNTING. EXTEND 3/4" CONDUIT TO 4"X4"X2-1/8" NEMA 1 PULL BOX MOUNTED INDOORS IN NEAREST ACCESSIBLE LOCATION ABOVE LAY-IN CEILING, THEN FREE-ROUTE CAT 6 CABLE ABOVE CEILING WITH CAT 5 J-HOOKS TO SERVING CC. SCSC PROVIDE CATEGORY 6 CABLE FOR NETWORK AND POE+ SERVICES CONTINUOUS FROM CAMERA TO SERVING CC.

DIRECT CONNECT NOTE

DIRECT TERMINATE CATEGORY 6 CABLE WITH MALE MODULAR PLUG, ALL CATEGORY 6 DIRECT CONNECT PLUGS SHALL BE AS INDICATED ON THE DATA SINGLE LINE.

ABBREVIATIONS

CER	COMMUNICATIONS EQUIPMENT ROOM
CC	COMMUNICATIONS CLOSET
SCSC	STRUCTURED CABLING SYSTEM CONTRACTOR
EC	ELECTRICAL CONTRACTOR
CM/GC	CONSTRUCTION MANAGER

SECURITY CAMERA LEGEND

- LOBBY 1-002 — ARCHITECT'S ROOM NUMBER, SEE "SECURITY DEVICE IDENTIFICATION NOTE."
- OUTDOOR CORNER MOUNT HI-RES 270 DEGREE MULTI-IMAGER SECURITY CAMERA.
- OUTDOOR SOFFIT MOUNT FIXED SINGLE VIEW SECURITY CAMERA.
- OUTDOOR WALL MOUNT FIXED SINGLE VIEW SECURITY CAMERA.
- INDOOR WALL MOUNT 180 DEGREE FIXED SECURITY CAMERA.
- INDOOR OR OUTDOOR CEILING OR SOFFIT MOUNT 360 DEGREE FIXED SECURITY CAMERA.
- INDOOR CEILING MOUNT FIXED SINGLE VIEW SECURITY CAMERA.
- INDOOR WALL MOUNT FIXED SINGLE VIEW CAMERA.

ADDED SHEET 1

Graphic Scale

8 4 0 8FT 16FT

SCALE: 3/32" = 1'-0"

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ARCHITECTURE
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SHEET TITLE
IP SECURITY CAMERA SYSTEM FLOOR PLAN SECOND FLOOR

SHEET NO	REV NO
SEC101	

SECURITY CAMERA SYSTEM COORDINATION NOTES

THE CONTRACTOR SHALL COORDINATE ALL SECURITY CAMERAS AND RELATED VISIBLE DEVICES FOR SPECIFIED ALIGNMENT, ELEVATION, AND SPACING CONDITIONS OUTLINED IN THE ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND REFLECTED CEILING PLANS. SUBJECT TO FINAL COORDINATION OF CAMERA PLACEMENT BY THE IP SECURITY CAMERA INTEGRATOR. ANY DISCREPANCIES AND/OR CONFLICTS CONTAINED WITHIN THE DRAWINGS AND CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. SEE 'IP SECURITY CAMERA LOCATION NOTES' THIS SHEET FOR ADDITIONAL MANDATORY REQUIREMENTS.

THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, CONDUIT SLEEVES, PULL BOXES, ENCLOSURES, PULL STRINGS, FIRESTOPPING, SMOKESTOPPING, POWER, GROUNDING, AND ALL OTHER WORK REQUIRED BY CODE OR FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM BUT NOT SPECIFICALLY IDENTIFIED AS PROVIDED BY OTHERS.

THE SCSC SHALL PROVIDE ALL CATEGORY 6 CABLING FOR NETWORK CONNECTIONS TO IP SECURITY CAMERAS COMPLETE TO INCLUDE PATCH PANELS, TERMINATION, LABELING, TESTING, AND PREPPING SLACK AT CAMERA LOCATIONS FOR FINAL CONNECTIONS TO CAMERAS. SCSC AND SECURITY CAMERA INTEGRATOR WORK TOGETHER TO CHECKOUT FINAL WIRING CONNECTIONS TO ALL CAMERAS. AT EACH EXTERIOR CAMERA TAKE SPECIAL CARE TO CONFIRM THAT WIRING IS RUN CONCEALED INTERNAL TO CAMERA MOUNT AND HOUSING AND THAT ALL WEATHERPROOFING MEASURES ARE CORRECTLY COMPLETED TO INCLUDE FACTORY WEATHERPROOFING TAPE AT CABLE CONNECTIONS TO CAMERA LEADS.

THE IP CAMERA SYSTEM INTEGRATOR SHALL PROVIDE CAMERAS, MOUNTS, DIRECTION TO EC AND GC/CM FOR EXACT LOCATION OF CAMERAS, SETTING OF CAMERA VIEWS, CAMERA SETUP, NETWORK VIDEO RECORDER SETUP AND PROGRAMMING, INTEGRATION OF THE SYSTEM INTO OWNER'S EXISTING VMS, AND ALL OTHER WORK REQUIRED FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM. RECORDING OF CAMERA IMAGES TO THE NETWORK VIDEO RECORDER SHALL BE MADE AT HIGHEST CAMERA RESOLUTION SETTINGS IN COLOR WHEN AMBIENT LIGHT LEVELS ALLOW AND IN BLACK AND WHITE DURING LOW LIGHT CONDITIONS. FRAMES PER SECOND SHALL BE AS DIRECTED BY DISTRICT SECURITY STAFF (15 FPS MINIMUM). ALL SETTINGS TO INCLUDE COMPRESSION SHALL BE MADE TO OPTIMIZE IMAGE QUALITY WHILE MINIMIZING STORAGE REQUIREMENTS.

CAMERA SYSTEM SETUP

THE OWNER HAS STANDARDIZED ON iPRO VIDEO INSIGHT (VI) SOFTWARE FOR A MULTI-SITE WEB BASED VIDEO MANAGEMENT SYSTEM (VMS) AND THE (VI) VMS IS EXISTING FOR BAY DISTRICT SCHOOLS. UNDER THIS PROJECT THE IP SECURITY CAMERA SYSTEM INTEGRATOR SHALL FULLY INTEGRATE THE SECURITY CAMERAS AND HALO DETECTORS PROVIDED UNDER THIS PROJECT INTO THE EXISTING iPRO VI SOFTWARE. PROVIDE EXPANSION, PROGRAMMING, SETUP, LICENSING, AND ALL OTHER WORK REQUIRED TO INTEGRATE THE CAMERAS INTO THE VI SYSTEM FOR THE FULL RANGE OF FUNCTIONS AVAILABLE FROM THE MANUFACTURER FOR EACH CAMERA AND DESIRABLE FOR THE VARIOUS CAMERA VIEWING AND RECORDING APPLICATIONS ENCOMPASSED BY THIS PROJECT. SETUP VIEWING AND RECORDING OF CAMERAS AT THE LOCAL SERVER NVR AND AT THE SPRINGFIELD DISTRICT EMERGENCY OPERATIONS CENTER (EOC). SET CAMERA AT THE HIGHEST RESOLUTION AVAILABLE FOR EACH CAMERA MODEL AND FRAME RATE AT 15 FPS (FRAMES PER SECOND). CLOSELY COORDINATE WITH OWNER'S IT AND SECURITY STAFF.

AFTER THE CAMERAS ARE MOUNTED, THE WIRING IS COMPLETED BY THE SCSC AND INITIAL SETUP AND PROGRAMING IS COMPLETE THE INTEGRATOR SHALL TEST THE OPERATION OF EACH CAMERA AND SHALL CONFIRM FINAL CAMERA RESOLUTION, VIEWING ANGLES, FIELDS OF VIEW, LENS SETTINGS AND OTHER CAMERA SETTINGS ARE OPTIMIZED.

THE SECURITY CAMERA INTEGRATOR SHALL BE PRESENT WHEN THE OWNER'S IT STAFF STARTS UP ASSOCIATED ETHERNET EQUIPMENT AND TURNS SYSTEM ON. PROVIDE ASSISTANCE TO OWNER IN TROUBLE-SHOOTING THAT MAY RELATE TO CABLE PLANT, TO INCLUDE CONNECTIONS TO CAMERA EQUIPMENT OR PATCHING IN THE SERVING CLOSET.

THE OWNER WILL PROVIDE THE LOCAL SERVER NVR FOR RECORDING CAMERAS AT THE SCHOOL LEVEL.

CORRECT ANY DEFICIENCIES DISCOVERED BY THE OWNER IN THE FIELD WITH CAMERA MOUNTING, CABLE INSTALLATION, OR OTHER INSTALLATION RELATED ISSUES.

FIRE, SMOKE AND SOUND STOPPING NOTES

THE CONTRACTOR SHALL FIRESTOP ALL PENETRATIONS OF SECOND FLOOR CONSTRUCTION, ALL PENETRATIONS OF ALL WALLS NOTED ON THE ARCHITECTURAL DRAWINGS AS FIRE RATED AND ALL WALLS MARKED AS FIRE RATED IN THE FIELD. FIRESTOPPING SHALL BE ACCOMPLISHED USING UL CLASSIFIED SYSTEMS WITH FIRE RATING EQUAL TO OR GREATER THAN THE FIRE RATING OF THE FLOOR OR WALL ASSEMBLY PENETRATED. FIRESTOP SYSTEMS SHALL BE 3M, NELSON OR ENGINEER APPROVED EQUAL. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.

THE CONTRACTOR SHALL PROVIDE DETAILS FOR EACH DIFFERENT TYPE OF FIRESTOP ASSEMBLY REQUIRED TO THE BUILDING OFFICIAL FOR APPROVAL PRIOR TO INSTALLATION. EACH DETAIL SHALL INCLUDE THE TEST ASSEMBLY NUMBER AND A DESCRIPTION OF THE MATERIALS TO BE USED. HAVE APPROVED FIRESTOPPING DETAILS AVAILABLE AT PROJECT SITE AT TIME OF INSPECTION BY THE BUILDING OFFICIAL.

ALL PENETRATIONS OF NON-FIRE RATED WALLS WHICH EXTEND TO THE UNDERSIDE OF THE SECOND FLOOR CONSTRUCTION OR ROOF DECK ABOVE, ALL WALLS NOTED ON THE ARCHITECTURAL DRAWINGS AS SMOKE RATED AND ALL WALLS MARKED AS SMOKE RATED IN THE FIELD SHALL BE SMOKE AND SOUND STOPPED USING STI SNS SMOKE 'N' SOUND ACOUSTICAL SEALANT OR APPROVED EQUAL.

SEE ARCHITECTURAL DRAWINGS FOR EXTENT OF FIRE AND SMOKE RATED WALL AND PARTITIONS AND COORDINATE ALL RELATED WORK CLOSELY WITH THE CM/GC.

CONTRACTOR NOTE - THIS PROJECT INCLUDES SMOKE RATED CORRIDORS WITH SMOKE RATED WALLS AT THE FIRST FLOOR LEVEL EXTENDING UP TO THE SECOND FLOOR CONSTRUCTION AND AT THE SECOND FLOOR LEVEL EXTENDING UP TO A GYPSUM WALL BOARD CAP ON THE UNDERSIDE OF THE ROOF TRUSSES. COORDINATE ALL RELATED WORK CLOSELY WITH THE CM/GC.

SECURITY CAMERA SYSTEM HORIZONTAL CABLING CONDUIT SLEEVES NOTE:

CONDUIT SLEEVES FOR SECURITY CAMERA SYSTEM CABLING: FINAL ROUTING PATHS FOR FREE-ROUTED SECURITY CAMERA SYSTEM HORIZONTAL CABLING ABOVE CEILINGS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. FOR THIS REASON CONDUIT SLEEVES AT WALL AND SECOND FLOOR PENETRATIONS ARE NOT INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE EMT CONDUIT SLEEVES IN THE QUANTITIES AND LOCATIONS REQUIRED TO SUIT THE CONTRACTOR SELECTED HORIZONTAL CABLE ROUTING AS REQUIRED FOR A COMPLETE INSTALLATION, AND AT NO ADDITIONAL COST TO THE OWNER. AT ALL LOCATIONS WHERE HORIZONTAL CABLING RUNS THRU MECHANICAL OR ELECTRICAL EQUIPMENT ROOMS, OR ANY OTHER TYPE OF UNFINISHED SPACE WITH EXPOSED STRUCTURE CEILING, ALL SUCH CABLING SHALL BE RUN IN CONTINUOUS CONDUIT SLEEVES EXTENDING TO THE NEAREST ACCESSIBLE LAY-IN CEILING AT BOTH ENDS. IN ADDITION, THE CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES TRAVERSING INACCESSIBLE (HARD) CEILING OR SOFFIT AREAS AND EXTENDING TO THE NEAREST ACCESSIBLE LAY-IN CEILING AT BOTH ENDS FOR CABLE PASS-THRU. SLEEVES SHALL BE SIZED FOR MAXIMUM 30 PERCENT CABLE FILL. TERMINATE ALL SLEEVES WITH PLASTIC INSULATING BUSHING AT EACH END.

SECURITY CAMERA SYSTEM HORIZONTAL CABLE ROUTING NOTE

ALL SECURITY CAMERA SYSTEM HORIZONTAL CABLE NOT SHOWN TO BE INSTALLED IN CONDUIT SHALL BE FREE-ROUTED ABOVE CEILINGS AND SHALL BE ROUTED UP HIGH DIRECTLY UNDER THE BUILDING ROOF STRUCTURE AND PROPERLY SUPPORTED WITH APPROVED HANGERS AT 4'-0" ON CENTER, BUT DO NOT RUN CABLES CLOSER THAN 6" BELOW ROOF DECK (TO AVOID DAMAGE FROM LONG SCREWS USED IN FUTURE ROOF REPLACEMENTS). RUN ALL CABLING ABOVE DUCTWORK, PIPING, CONDUITS AND ALL OTHER WORK BY OTHER TRADES AND PLACE FOR MAXIMUM PHYSICAL PROTECTION. BUNDLE CABLES TOGETHER AND ROUTE PARALLEL AND PERPENDICULAR TO BUILDING LINES. HANGERS SHALL BE ERICO CADDY "CABLECAT" CATEGORY-5 WITH WIDE BASE LOOP. LOCATE HANGERS AND BUNDLE CABLES AT 4'-0" O.C. WITH PLENUM RATED VELCRO, COLOR BLACK. ATTACH HANGERS TO THE BUILDING STRUCTURE. DO NOT ATTACH HANGERS TO CEILING GRID OR SUPPORT WIRES, CONDUITS, DUCTWORK, PIPING, OR ANY OTHER SYSTEM COMPONENT OR WORK OF OTHER TRADES. INSTALL CABLES TO AVOID ELECTROMAGNETIC INTERFERENCE FROM MOTORS, TRANSFORMERS, GENERATORS, ELEVATORS, POWER CABLES/CONDUITS, LIGHTING FIXTURES, ETC. DO NOT ROUTE CABLE THRU FIRE DAMPERS, HVAC DUCTS, VENTILATING SHAFTS, OR GRATES. DO NOT BLOCK ACCESS TO PULL/JUNCTION BOXES, HATCHES, DOORS, UTILITY ACCESS PANELS, MECHANICAL SERVICE AREAS, ELECTRICAL SERVICE AREAS, OR ANY OTHER SPACE ASSOCIATED WITH SERVICE OR ACCESS OF ANY TYPE. DO NOT RUN HORIZONTAL CABLING ABOVE CEILINGS OF CHEMICAL STORAGE ROOMS.

IP SECURITY CAMERA SYSTEM INTEGRATOR

THE GENERAL CONTRACTOR SHALL INCLUDE A COMPLETE IP SECURITY CAMERA SYSTEM FOR THIS PROJECT PROVIDED BY A SPECIALIZED IP SECURITY CAMERA SYSTEM INTEGRATOR WITH RELATED WORK PROVIDED BY THE SCSC AND THE ELECTRICAL CONTRACTOR. THE IP SECURITY CAMERA SYSTEM INTEGRATOR SHALL BE IPRO VIDEO-INSIGHT (VI) VMS CERTIFIED PRIOR TO BIDS, SHALL BE WELL EXPERIENCED IN THE INTEGRATION OF IP SECURITY CAMERAS INTO VIDEO-INSIGHT, SHALL MEET ALL ADDITIONAL QUALIFICATIONS STATED IN THE SPECIFICATIONS, AND SHALL BE APPROVED IN ADVANCE OF BIDS BY THE OWNER. CM COORDINATE WITH OWNER.

THE SCOPE OF WORK SHALL INCLUDE THE IP SECURITY CAMERA SYSTEM COMPLETE WITH ALL WORK INDICATED ON THE DRAWINGS AND DESCRIBED IN THE SPECIFICATIONS, ALL DEVICES, EQUIPMENT AND WORK DESCRIBED IN THE INTEGRATOR'S COST PROPOSAL AND ASSOCIATED STATEMENT OF WORK, ALL OTHER DEVICES, EQUIPMENT AND WORK REQUIRED FOR A COMPLETE SYSTEM, AND ALL PROGRAMMING AND SETUP REQUIRED TO MAKE THE SYSTEM FULLY OPERATIONAL AND FUNCTIONAL TO THE SATISFACTION OF THE OWNER.

THE IP SECURITY CAMERA SYSTEM INTEGRATOR SHALL PROVIDE ALL CAMERAS AND CAMERA MOUNTS, SHALL LOCATE CAMERAS PRIOR TO ROUGH-IN, TEST THE OPERATION OF EACH INSTALLED CAMERA, SET FINAL CAMERA VIEWING ANGLES, FIELDS OF VIEW, LENS SETTINGS, COMPRESSION SETTINGS AND OTHER CAMERA SETTINGS FOR OPTIMUM PERFORMANCE, SHALL FULLY INTEGRATE THE CAMERAS (NEW AND EXISTING TO REMAIN) AND HALO DETECTORS INTO THE OWNER'S EXISTING IPRO VIDEO-INSIGHT VMS, SHALL PROVIDE SOFTWARE UPGRADES AND REGISTER CAMERA LICENSES, SHALL PROVIDE FINAL SETUP, PROGRAMMING, TESTING AND OWNER TRAINING FOR THE SYSTEM, AND SHALL MAKE THE SYSTEM FULLY OPERATIONAL AND FUNCTIONAL TO THE SATISFACTION OF THE OWNER.

THE OWNER'S IT STAFF WILL EXPAND THE STORAGE CAPACITY OF THE EXISTING SERVER NETWORK VIDEO RECORDER OR SHALL PROVIDE A NEW NVR AS REQUIRED TO SERVE THE NEW SECURITY CAMERAS ADDED UNDER THIS PROJECT. THE IP SECURITY CAMERA INTEGRATOR SHALL COORDINATE ASSOCIATED WORK WITH THE OWNER'S IT STAFF. THE IP SECURITY CAMERA SYSTEM INTEGRATOR FOR INSTALLATION, SETUP, PROGRAMMING, AND FULL INTEGRATION INTO THE IP SECURITY CAMERA SYSTEM. THE INTEGRATOR SHALL HAVE QUALIFIED AND EXPERIENCED PERSONNEL ON STAFF AND ASSIGNED TO THE PROJECT FOR ALL ASSOCIATED WORK.

THE SERVER NVR SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED. THE OWNER SHALL PROVIDE THE SERVER NVR TO THE IP SECURITY CAMERA SYSTEM INTEGRATOR FOR INSTALLATION, SETUP, PROGRAMMING, AND FULL INTEGRATION INTO THE IP SECURITY CAMERA SYSTEM. THE INTEGRATOR SHALL HAVE QUALIFIED AND EXPERIENCED PERSONNEL ON STAFF AND ASSIGNED TO THE PROJECT FOR ALL ASSOCIATED WORK.

RELATED WORK TO BE PROVIDED BY OTHERS BUT NOT INCLUDED IN THE SCOPE OF WORK FOR THE IP SECURITY CAMERA SYSTEM INTEGRATOR SHALL INCLUDE WORK BY THE STRUCTURED CABLING SYSTEM CONTRACTOR (SCSC) AS INDICATED ON THE SEC AND SCS DRAWINGS. THE SCSC SHALL PROVIDE ALL CATEGORY 6 CABLING, PATCH PANELS, TERMINATION AND TESTING, AND CLOSE COORDINATION WITH THE GC/CM, ELECTRICAL CONTRACTOR AND THE IP SECURITY CAMERA SYSTEM INTEGRATOR.

ADDITIONAL RELATED WORK TO BE PROVIDED BY OTHERS BUT NOT INCLUDED IN THE SCOPE OF WORK FOR THE IP SECURITY CAMERA SYSTEM INTEGRATOR SHALL INCLUDE WORK BY THE ELECTRICAL CONTRACTOR AS INDICATED ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT ALONG WITH ALL POWER AND GROUNDING REQUIRED FOR THE IP SECURITY CAMERA SYSTEM. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE ASSOCIATED CONDUIT, POWER AND GROUNDING WORK WITH THE INTEGRATOR, SCSC AND CM - BUT THE SCOPE OF CONDUIT, POWER AND GROUNDING WORK SHALL NOT BE LESS THAN THAT DESCRIBED ON THE DRAWINGS.

CAMERA FASTENER SIZE NOTE:

FASTENER SIZES INDICATED FOR CAMERA MOUNTS ARE APPROXIMATE AND MUST BE VERIFIED WITH THE ACTUAL HARDWARE RECEIVED. FASTENERS FOR THREADED CONNECTIONS SHALL BE SAME SIZE AS THREADED HOLE. FASTENERS FOR SMOOTH HOLES SHALL BE 1/16" SMALLER THAN HOLE DIAMETER. ALL FASTENERS SHALL BE STAINLESS STEEL.

CAMERA ATTACHMENT NOTES:

ALL CAMERA ATTACHMENTS SHALL BE MADE VANDAL-RESISTANT. FASTENER SIZES INDICATED FOR CAMERA MOUNTS ARE APPROXIMATE AND MUST BE VERIFIED WITH THE ACTUAL HARDWARE RECEIVED. FASTENERS FOR THREADED CONNECTIONS SHALL BE SAME SIZE AS THREADED HOLE. FASTENERS FOR SMOOTH HOLES SHALL BE 1/16" SMALLER THAN HOLE DIAMETER. ALL FASTENERS, WASHERS AND MISCELLANEOUS RELATED HARDWARE SHALL BE STAINLESS STEEL. ATTACHMENTS AT VARIOUS WALL CONSTRUCTIONS SHALL BE AS FOLLOWS:

1. AT FRAMED WALLS AND AT OPEN CELLS OF CMU WALLS, PROVIDE STAINLESS STEEL "SNAP-TOGGLER" TOGGLE BOLTS. ATTACH TO FRAMING OF FRAMED WALLS.
2. AT METAL SOFFIT OR FASCIA CONSTRUCTION PROVIDE STAINLESS STEEL THRU BOLTS ALL THE WAY THRU SOFFIT OR FASCIA FRAMING. PROVIDE SUPPLEMENTARY FRAMING ON INTERIOR AS REQUIRED FOR SECURE MOUNTING.
3. AT BRICK WALLS, BLOCK WEBS AND FILLED CELLS OF CMU WALLS, AND AT CONCRETE WALLS, PROVIDE COMMERCIAL GRADE HIGH LOAD EXPANSION ANCHORS SUCH AS TOGGLER 'ALLIGATOR' SOLID-WALL ANCHORS WITH STAINLESS STEEL FASTENERS.

IP SECURITY CAMERA LOCATION NOTES

MOUNTING LOCATIONS INDIATED FOR CAMERAS ARE APPROXIMATE AND SHALL BE COORDINATED IN DETAIL BEFORE ANY ROUGH-IN BEGINS. THE CM SHALL TAKE THE LEAD IN COORDINATING FINAL CAMERA LOCATIONS WITH THE ARCHITECT, DISTRICT SECURITY STAFF AND CAMERA INTEGRATOR. SEE SPECIFICATIONS. THE CM AND CAMERA INTEGRATOR SHALL COORDINATE ROUGH-IN REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR BASED ON THE CAMERA LOCATIONS DETERMINED BY THIS EFFORT.

THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL INDOOR CEILING MOUNTED CAMERAS WITH LIGHTING FIXTURES, EXIT SIGNS AND OTHER CEILING MOUNTED DEVICES THAT EXTEND BELOW THE CEILING ALONG WITH CEILING FEATURES INVOLVING CHANGES IN CEILING HEIGHT THAT WILL IMPEDE FULL CAMERA VIEWS.

THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL INDOOR WALL MOUNTED CAMERAS WITH ALL NEARBY WALL MOUNTED LIGHTING FIXTURES AND OTHER DEVICES THAT WILL IMPEDE FULL CAMERA VIEWS.

THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL OUTDOOR CAMERAS WITH LIGHT FIXTURES, CANOPIES, SOFFITS, GUTTER DOWNSPOUTS, POLES AND ANY OTHER OBSTRUCTION THAT WILL IMPEDE FULL CAMERA VIEWS.

WHERE GUTTER DOWNSPOUTS OR OTHER OBSTRUCTIONS INTERFERE WITH A CAMERAS FULL FIELD OF VIEW TIGHT TO THE BUILDING EXTERIOR, PROVIDE STANDOFF PADDING USING KING STARBOARD, 1-1/2" THICK, COLOR TO MATCH COLOR OF CAMERA MOUNT AS CLOSELY AS POSSIBLE. MAKE CUTS STRAIGHT AND SQUARE AND FILE EDGES SMOOTH. PROVIDE MULTIPLE STANDOFF PADS AS REQUIRED TO COMPLETELY CLEAR DOWNSPOUT OR OBSTRUCTION AND PROVIDE FULL CAMERA VIEW AS INDICATED.

ALL FINAL CAMERA LOCATIONS SHALL PROVIDE AN UNOBSTRUCTED VIEW OF THE AREA SERVED BY EACH CAMERA.

OVERALL COORDINATION NOTE

THE CM/GC SHALL TAKE THE LEAD IN COORDINATING FINAL CAMERA LOCATIONS WITH THE ARCHITECT, DISTRICT SECURITY STAFF AND CAMERA INTEGRATOR AND SHALL COORDINATE ALL SECURITY CAMERAS AND RELATED VISIBLE DEVICES FOR SPECIFIED ALIGNMENT, ELEVATION, AND SPACING CONDITIONS OUTLINED IN THE ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND REFLECTED CEILING PLANS. ANY DISCREPANCIES AND/OR CONFLICTS CONTAINED WITHIN THE DRAWINGS AND CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. SEE 'IP SECURITY CAMERA LOCATION NOTES' THIS SHEET FOR ADDITIONAL MANDATORY REQUIREMENTS.

VIDEO-INSIGHT AND MONITORCAST SOFTWARE

VIDEO-INSIGHT VIDEO MANAGEMENT SOFTWARE (VMS) WITH INTEGRATED MONITORCAST ACCESS CONTROL IS EXISTING AT THE WALTON COUNTY SCHOOL DISTRICT. UNDER THIS PROJECT THE IP SECURITY CAMERA SYSTEM INTEGRATOR SHALL UPDATE THE VIDEO INSIGHT/MONITORCAST SOFTWARE PACKAGE TO THE MOST UPDATED VERSION AVAILABLE FROM THE MANUFACTURER AT THE TIME OF INTEGRATION AND SHALL FULLY INTEGRATE THE IP SECURITY CAMERA SYSTEM FOR THIS PROJECT INTO THE EXISTING SOFTWARE. PROVIDE EXPANSION, PROGRAMMING, SETUP, LICENSING, AND ALL OTHER WORK REQUIRED TO INTEGRATE THE SYSTEM INTO THE UPDATED VIDEO INSIGHT/MONITORCAST SYSTEM. PRIOR TO COMMENCING UPGRADES DOCUMENT THE EXISTING SYSTEM AS CURRENTLY SETUP AND FUNCTIONING AND WORK CLOSELY WITH THE MANUFACTURER'S SUPPORT STAFF TO ENSURE THAT THE UPGRADED SYSTEM MAINTAINS THE SAME OR BETTER OPERATION FOR ALL FACILITIES SERVED. THE VMS SHALL BE REQUIRED TO SUPPORT H.265 COMPRESSION (HEVC) AS WELL AS H.264 AND MPEG-4. THE VMS SHALL SUPPORT ALL CAMERA TYPES INDICATED ON THE DRAWINGS FOR THE FULL RANGE OF FUNCTIONS AVAILABLE FROM THE MANUFACTURER FOR EACH CAMERA AND DESIRABLE FOR THE VARIOUS CAMERA VIEWING AND RECORDING APPLICATIONS ENCOMPASSED BY THIS PROJECT.

ADDED SHEET (1)

EMI architects

ARCHITECTURE
PLANNING INTERIORS
GRAPHICS

ELLIOTT MARSHALL INNES PA. (EMI architects)
231 E. 7TH AVENUE TALLAHASSEE FL 32303
(850) 222 - 7442
www.emiarch.com
LICENSE #: AA C000409 IB C000153

NOTE:
11" x 17" SHEETS ARE PLOTTED AT 1/2
THE SCALE NOTED ON THESE DRAWINGS

Premier Engineering Group, LLC
410 W. Nine Mile Road, Suite A Pensacola, Florida 32534
Florida Certificate of Authorization #9308
Phone: (850) 469-0405 Fax: (850) 432-0905
Premier Project #23046

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Gregory A. Cook
BICSI ID # 104998
EXPIRES 12-31-27
RCDD

SWHS CAMPUS IMPROVEMENTS- CLASSROOM ADDITION

REV	DATE	DESCRIPTION
1	3/15/2025	ADDENDUM No. 01

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DATE	DRAWN BY
20 FEBRUARY 2026	JEC
PROJECT NO	CHECKED BY
68202	GAC

SHEET TITLE
IP SECURITY CAMERA SYSTEM NOTES

SHEET NO	REV NO
SEC200	

South Walton Classroom Addition

3/17/2026

Ref	Date	Issue	Design Team Response/Comments
1	3/5/26	Div 09 of the spec book appears to have two different carpet sections in there. Pages 1-4 are of carpet, but then pages 38-42 are the same spec section but appear to match the plans better as far as material. Just would like clarification to disregard the carpet section at the front of the Div 09 file.	Ignore the 4-page specification section 096816 that occurs directly after 088856 (Ballistic-Resistant Glazing and Window U nits). The correct specification section for carpet is the 4 pages directly after 096723 (Resinous Flooring).
2	3/5/26	There is no clear description of the inlaid logo. Is this to be made of LVT? Is this from a third party? See nothing about it in the specs for LVT, drawing details don't mention source of it, finish schedule does not list it.	Page A112 of the drawings calls for LVT-2/LVT-3 and will be an "inlayed graphic".
3	3/5/26	Confirming elevator does not receive flooring finishes from us.	Elevator floor is to be included in the flooring scope of work.
4	3/6/26	Opening 2003 has an elevation K in the door schedule and when you go to the drawings, this elevation is a gate. The door is interior, going into a classroom from a corridor. Please verify if type of door is to be changed to a type B, 20 minute rated.	Door 2-003 should be type "B", 20-minute rated.
5	3/6/26	No specifications for door type M which seems to be kitchen traffic doors, please supply.	Door Type "M" is a double-acting, aluminum traffic door with each leaf having an acrylic vision lite. (Similar or equal to Eliason.)
6	3/6/26	Openings 2-027 and 2-027-1 have elevation "II" on the door schedule, but this elevation is not on the door elevations drawings. Please advise on what to use.	These openings should be door type "B".
7	3/6/26	Openings G006, G007-1, G007-2, and G-007-3 are shown as type "F" on the door schedule lwhich states they are chain link fence material. Type F on the door elevations shows a pair of doors with narrow vision lites.	These doors should all be type "K", not type "F".
8	3/12/26	There are 19 openings across HW sets 16, 23, 32, 33, and 34 that as far as I am aware, would require a closer to meet fire code. Unless the AHJ as approved these openings without or the architect confirmed an exception. (Openings: 1-006, 1-012, 1-014, 1-016, 1-020, 1-022, 2-003, 2-007, 2-008, 2-010, 2-012, 2-014, 2-016, 2-020, 2-022, 2-023, 2-023-1, 2-024, 2-026).	Provide a closer at the openings listed.
9	3/12/26	The hardware spec only has Best 45H locks "owner preference". The following exterior sets (opening) are on pair configurations - 04 (1-008), 05 (1-019), and 06 (1-025). The Best/Dorma Kaba mortise locks were tested on pairs to meet a design pressure of +/- 35 psf. While they have a standard high test of +/- 60 psf for single configurations, only when located at pairs we tyhpically use another manufacturers mortise lock with a cyliner by Best to maintain the key system. I would still price best locks on the other scheduled openings.	Use an equivalent Schlage mortise lock series tested to meet a design pressure of =/- 60 psf at the flush pairs and a =/- 50 psf at the full glass pair.
10	3/12/26	Are the Band Uniform Storage Systems, Backpack Hook Systems, School Store Display Racks, School Store Pay Point provided by others?	No, these items are included in BP12A Laminate Clad Casework.
11	3/13/26	As drawn, at openings "K" and "L", the short vertical mullions do not run full height of the frame. For an impact-rated system, these locations will either need to be redesigned into two separate openings or the short vertical mullions must run continuously through the full frame height to maintain an approved impact load path. Please advise which direction you prefer so we can proceed with correct fabrication.	Fabricate the system into two separate openings adjacent to each other.
12	3/13/26	What is the existing Fire Alarm system at this school? I'm not seeing any indication on the plans. And due to its location, and as it is a Walton County School's project, will you only be accepting fire alarm prices from Ivanco? If so, do you have a singular qualified sub for the telecommunications system?	The existing system is an Edwards system. Ivanco is not a sole source requirement.
13	3/13/26	Specification section 294800 (Emergency Response Systems) is included in the body of the specifications but is not listed on the Table of Contents. Is the Emergency Response System a part of BP26A - Electrical?	Yes, BP26A - Electrical should include the Emergency Response System in accordance with specification ssection 294800.
14			

BID PACKAGE 09B – ACOUSTICAL
BID PROPOSAL FORM [ATTACHMENT "B" | SUP-01]
Project: SWHS CAMPUS IMPROVEMENTS CLASSROOM ADDITION

CM **Culpepper Construction Co., Inc.**
1538 Metropolitan Blvd.
Tallahassee, FL 32308
Attn: Allan Franklin

Deliver to: **Culpepper Construction Co., Inc.**
1538 Metropolitan Blvd.
Tallahassee, FL 32308
Attn: Allan Franklin
allan@culpeppercc.com

Submitted by

Firm _____
Contact _____
email _____
Phone _____
Address _____
_____

The undersigned:

A. Proposes to provide all labor, material, plant and services required to furnish and install complete all items required for **Bid Package 09B – Acoustical** for the construction and completion of the SWHS Classroom Addition.

All in accordance with:

1. The plans and specifications as prepared by EMI Architects and their consultants.

2. The Conditions of Contract dated October 3, 2025 including Instructions to Bidders, Bidder Qualification Program General Conditions of Contract and the proposed Agreement between the Trade Contractor and Construction Manager.

3. All supplements which have been issued for this bid package and are numbers:

Number	Dated	Number	Dated
1	2/26/2026		

B. The bidder acknowledges the right of the Construction Manager to reject any and all bids and to waive informality or irregularity in any bids received and to accept those bids which are judged to best serve the interest of the project.

If written notice of acceptance of this Bid is delivered to the undersigned within sixty days after the date of the opening of this Bid or any other tie thereafter before it is withdrawn, the undersigned will execute and deliver the issued Contract to the Construction Manager in accordance with the Bid as accepted, and will also furnish and immediately deliver to the Construction Manager the required Performance Bond, Labor and Material Payment Bond, and proof of insurance coverage, as described in the Instructions to Bidders.

C. The Bidder is to list those Subcontractors to whom portions of the work will be sublet. List all firms that will supply labor at the job site, if none, so indicate. THIS LIST SHALL BE SUBMITTED WITHIN FORTY-EIGHT HOURS AFTER NOTIFICATION OF INTENT TO AWARD.

D. **ELABORATION OF SCOPE**

1. **General**
   Furnish all labor, material, plant, equipment, and miscellaneous accessories required to provide complete all **Acoustical** as for the construction and completion of the SWHS Classroom Addition.

Description of Work

1. Specification Sections: Division 0 Procurement and Contracting Requirements, Division 1 General Requirements, 079020 Interior Joint Caulking, 095120 Acoustical Panel Ceilings.

2. Related Specification Sections: Balance of Contract Documents

3. Clarification of work included. The work of this bid Package includes, but is not limited to the following:

   A. Furnish and install complete all work described in this bid package, the construction documents and specifications.

      1. Bid, performance, and payment bonds ARE NOT required for this bid package.

      2. Provide complete acoustical ceiling systems, including ceiling layout, suspension grid, hangers/wires, bracing, edge moldings/trim, and acoustical ceiling panels as indicated.

      3. Provide ceiling panel types and grid profiles per drawings/specs, including required high-humidity grid finish where specified.

      4. Provide required accessories for complete installation, including hold-down clips at angled ceilings (where applicable) and replacement of damaged grid members.

      5. Provide required submittals and samples and furnish attic stock/extra materials as required by the specs.

      6. Coordinate and cut ceiling penetrations for work of other trades, including lighting, HVAC, fire protection, A/V devices, access panels, and other items supported by or penetrating the ceiling system.

APPLICABLE TO ALL BID PACKAGES

- Trade Contractor shall furnish on-site project supervision whenever its crews are on site. This supervisor must be capable of answering all questions regarding project status, project schedule, work plan, etc. and have the authority to make commitments for job-site activities to the Construction Manager's supervisory staff.

- Culpepper Construction Company job sites are tobacco-free. Trade Contractors are to abide by these policies.

- Furnish, install, and maintain all scaffolding, barricades, signage, and safety precautions in accordance with all OSHA requirements, as required for the complete construction of the building components included in this bid package, including leading edge protection for this trade contractor's personnel.

- Furnish, install, and maintain all hoisting required for the construction of the building components included in this bid package.

- Repair all fireproofing or insulation damaged by the installation of this Trade Contractors work.

- Removal and legal disposal and/or recycling of all trash, debris, and spoil resulting from this work.

- Project Access is limited due to the nature of the site and surrounding buildings. Removal and Delivery of materials shall be coordinated with the Construction Manager. The work will be performed in the sequence and access plan and schedule provided by the Construction Manager.

- Furnish all submittals and as-built drawings in accordance with the Contract Documents.

- The bidder is solely responsible for providing and/or obtaining all necessary field dimensions and surveys required to complete or fabricate the work of this bid package. (No submittals will be reviewed by the Construction Manager containing any notes similar to "Contractor Verify").

- Furnish and install all access panels necessary to provide access to the work of this Trade Contractor. All access doors shall have the same rating as the assembly in which they are installed.

- Furnish and install complete all blocking and backing required for the installation of the building components of this bid package.

- Substantial Completion will not be established until the submission and approval of all closeout documents including, but not limited to Lien Waivers, Warranties, O & M's, Owner Training, "As Builts", Approved TAB, and Completed Commissioning.

E. WORK NOT INCLUDED in the scope of this Bid Package:

- N/A

BASE BID:

$ _____

Respectfully submitted,

Firm Name: _____

By: _____
(Signature)

_____
(Printed Name and Title)

BID PACKAGE 10A – GENERAL TRADES REV 03/17/2026
BID PROPOSAL FORM [ATTACHMENT "B" | SUP-01]
Project: SWHS CAMPUS IMPROVEMENTS CLASSROOM ADDITION

CM **Culpepper Construction Co., Inc.**
1538 Metropolitan Blvd.
Tallahassee, FL 32308
Attn: Allan Franklin

Deliver to: **Culpepper Construction Co., Inc.**
1538 Metropolitan Blvd.
Tallahassee, FL 32308
Attn: Allan Franklin
allan@culpeppercc.com

Submitted by

Firm _____
Contact _____
email _____
Phone _____
Address _____
_____

The undersigned:

A. Proposes to provide all labor, material, plant and services required to furnish and install complete all items required for **Bid Package 10A – General Trades** for the construction and completion of the SWHS Classroom Addition in Santa Rosa Beach, Florida.

All in accordance with:

1. The plans and specifications as prepared by EMI Architects and their consultants.

2. The Conditions of Contract dated October 3, 2025 including Instructions to Bidders, Bidder Qualification Program General Conditions of Contract and the proposed Agreement between the Trade Contractor and Construction Manager.

3. All supplements which have been issued for this bid package and are numbers:

Number	Dated	Number	Dated
1	2/26/2026		

B. The bidder acknowledges the right of the Construction Manager to reject any and all bids and to waive informality or irregularity in any bids received and to accept those bids which are judged to best serve the interest of the project.

If written notice of acceptance of this Bid is delivered to the undersigned within sixty days after the date of the opening of this Bid or any other tie thereafter before it is withdrawn, the undersigned will execute and deliver the issued Contract to the Construction Manager in accordance with the Bid as accepted, and will also furnish and immediately deliver to the Construction Manager the required Performance Bond, Labor and Material Payment Bond, and proof of insurance coverage, as described in the Instructions to Bidders.

C. The Bidder is to list those Subcontractors to whom portions of the work will be sublet. List all firms that will supply labor at the job site, if none, so indicate. THIS LIST SHALL BE SUBMITTED WITHIN FORTY-EIGHT HOURS AFTER NOTIFICATION OF INTENT TO AWARD.

D. ELABORATION OF SCOPE

1. **General**
   Furnish all labor, material, plant, equipment, and miscellaneous accessories required to provide complete all **General Trades** as for the construction and completion of the SWHS Classroom Addition.

Description of Work

1. Specification Sections: Division 0 Procurement and Contracting Requirements, Division 1 General Requirements, 061000 Rough Carpentry, 083513 Folding Panel Partitions, 083600 Glazed Aluminum Sectional Overhead Doors, 100010 Miscellaneous Specialties, 101116 Markerboards and Tackboards, 101550 Toilet Compartments, 104250 Signs, 105020 Horizontal Awnings, 105220 Fire Extinguishers Cabinets Accessories, 107500 Flagpoles, **10800 – Toilet and Bath Accessories**, 122413 Motorized Roller Shades, 124910 Horizontal Faux Wood Louver Blinds.

2. Related Specification Sections: Balance of Contract Documents

3. Clarification of work included. The work of this bid Package includes, but is not limited to the following:

   A. Furnish and install complete all work described in this bid package, the construction documents and specifications.

      1. Bid, performance, and payment bonds ARE NOT required for this bid package.

      2. Furnish materials, labor, and equipment necessary for the complete installation of miscellaneous trades listed below.

      3. Miscellaneous wood blocking required for the installation of the components of this bid package.

      4. Miscellaneous specialties
         a. Commercial shelving (wire and polymer)
         b. Wall corner guards
         c. Waste/recycling bins
         d. Display surfaces and Super Graphics
         e. Commercial open utility steel shelving
         f. Site furniture (benches/litter receptacles)
         g. Fire department emergency access (Knox Box)
         h. Aluminum letters
         i. Restaurant grade doors (Eliason)
         j. Exterior building signage as indicated
         k. Plastic shelving units
         l. Outdoor/indoor enclosed vinyl tackboards

m. Modernfold operable acoustic-clear demountable panel system

5. Markerboards and tackboards, including required trim/accessories, backing where required, coordination, and installation.

6. Glazed Aluminum Sectional Overhead Doors: Provide glazed aluminum sectional overhead doors complete, including door panels, tracks, operating hardware/support, electric operators and controls, and installation.

7. Toilet Compartments
    a. Solid plastic toilet compartments/screens
    b. Anchorage
    c. Accessories
    d. Installation

8. <u>Toilet and Bath Accessories.</u>

9. Folding panel partitions complete, including operable partition panels, track/support coordination, accessories, and installation.

10. Signage, including fabrication, delivery, and installation of signage types indicated, with required submittals and coordination.

11. Horizontal Awnings: Provide building-supported, pre-engineered metal awning/canopy system complete, including engineered design, shop drawings, fascia channels, decking, tension rods, attachment hardware, perimeter gutter/drainage components, and installation.

12. Fire Extinguishers, Cabinets, and Accessories: Provide fire extinguishers, recessed cabinets (and bracket-mounted units where indicated), mounting brackets, cabinet trim/door/hardware, and installation complete per locations shown; include required product data and coordination of cabinet sizes with extinguisher types.

13. Ground-set flagpoles: provide aluminum ground-set flagpoles complete, including pole, internal/external hardware as specified, foundation tube/accessories, concrete foundation, finishes, and installation.

14. Motorized roller shades: provide electrically operated interior roller shades complete, including shade assemblies, motors/controls, mounting hardware, submittals, and installation per the window treatment schedule.

15. Faux wood louver blinds: provide faux wood horizontal louver blinds complete where indicated, including headrail, slats, tilt/raise controls, mounting hardware, accessories, and installation per the window treatment requirements.

16. Coordinate field dimensions, supports/backing, and penetrations with other trades; protect installed work through substantial completion and replace/repair damaged work.

APPLICABLE TO ALL BID PACKAGES

- Trade Contractor shall furnish on-site project supervision whenever its crews are on site. This supervisor must be capable of answering all questions regarding project status, project schedule, work plan, etc. and have the authority to make commitments for job-site activities to the Construction Manager's supervisory staff.

- Culpepper Construction Company job sites are tobacco-free. Trade Contractors are to abide by these policies.

- Furnish, install, and maintain all scaffolding, barricades, signage, and safety precautions in accordance with all OSHA requirements, as required for the complete construction of the building components included in this bid package, including leading edge protection for this trade contractor's personnel.

- Furnish, install, and maintain all hoisting required for the construction of the building components included in this bid package.

- Repair all fireproofing or insulation damaged by the installation of this Trade Contractors work.

- Removal and legal disposal and/or recycling of all trash, debris, and spoil resulting from this work.

- Project Access is limited due to the nature of the site and surrounding buildings. Removal and Delivery of materials shall be coordinated with the Construction Manager. The work will be performed in the sequence and access plan and schedule provided by the Construction Manager.

- Furnish all submittals and as-built drawings in accordance with the Contract Documents.

- The bidder is solely responsible for providing and/or obtaining all necessary field dimensions and surveys required to complete or fabricate the work of this bid package. (No submittals will be reviewed by the Construction Manager containing any notes similar to "Contractor Verify").

- Furnish and install all access panels necessary to provide access to the work of this Trade Contractor. All access doors shall have the same rating as the assembly in which they are installed.

- Furnish and install complete all blocking and backing required for the installation of the building components of this bid package.

- Substantial Completion will not be established until the submission and approval of all closeout documents including, but not limited to Lien Waivers, Warranties, O & M's, Owner Training, "As Builts", Approved TAB, and Completed Commissioning.

E. WORK NOT INCLUDED in the scope of this Bid Package:

- N/A

BASE BID:

$ _____

Respectfully submitted,

Firm Name: _____

By: _____
(Signature)

_____
(Printed Name and Title)

	SPECIFICATIONS	Original	Addendum 1
	Project Manual for South Walton High School Classroom Addition; Walton County School District; Construction Documents	02/20/2026	03/16/2026
	DRAWINGS		
	COVER SHEET & GENERAL INFO		
G001	Cover Sheet	02/20/2026	
G002	Index of Drawings	02/20/2026	
G102	General Information	02/20/2026	
G105	Wall Types	02/20/2026	
G106	Wall Types	02/20/2026	
G110	Wall Details	02/20/2026	
G111	Wall Details	02/20/2026	
G115	Fire Resistance Assemblies	02/20/2026	
G116	Fire Resistance Assemblies	02/20/2026	
G131	Sound Control Notes and Details	02/20/2026	
G141	Design Guidelines for Accessible Spaces	02/20/2026	
G142	Design Guidelines for Accessible Spaces	02/20/2026	
G201	Renderings	02/20/2026	
G202	Renderings	02/20/2026	
G203	Renderings	02/20/2026	
G204	Renderings	02/20/2026	
G205	Renderings	02/20/2026	
	LIFE SAFETY		
LS101	Life Safety Planning Codes and Regulatory Data	02/20/2026	
LS102	Life Safety Planning Codes and Regulatory Data	02/20/2026	
LS103	Life Safety Planning Codes and Regulatory Data	02/20/2026	
	CIVIL		
C100	Cover Sheet	02/20/2026	
C101	General Notes (2 sheets)	02/20/2026	
C200	Overall Existing Conditions Plan	02/20/2026	
C201	Project Existing Conditions Plan	02/20/2026	
C300	Demolition & Erosion Control Plan	02/20/2026	
C400	Site Geometry & Utility Plan	02/20/2026	
C401	Utility Connections and Sanitary Sewer Profile	02/20/2026	
C500	Grading & Drainage Plan	02/20/2026	
C501	Temporary Grading Plan (2 sheets)	02/20/2026	
	STRUCTURAL		
S000	Cover Sheet	02/20/2026	
S001	Abbreviations & Symbols	02/20/2026	
S002	Structural Notes	02/20/2026	
S003	Structural Notes	02/20/2026	
S004	Structural Notes	02/20/2026	
S011	Roof & Wall Wind Diagrams	02/20/2026	
S110	Foundation Plan	02/20/2026	

S111	Ground Floor Plan	02/20/2026	
S112	Second Floor Framing Plan	02/20/2026	
S112R	Second Floor Reinforcing Plan	02/20/2026	
S113	Roof Framing Plan	02/20/2026	
S301	Building / Wall Sections	02/20/2026	
S302	Building / Wall Sections	02/20/2026	
S303	Building / Wall Sections	02/20/2026	
S321	Elevator Section & Details	02/20/2026	
S331	Stair Sections	02/20/2026	
S332	Steel Stair Details	02/20/2026	
S401	Typical Schedules	02/20/2026	
S402	Typical Schedules	02/20/2026	
S501	Typical Foundation Details and Footing Schedule	02/20/2026	
S502	Typical Foundation Details	02/20/2026	
S503	Mat Foundation Details	02/20/2026	
S511	Typical Slab On Grade Details	02/20/2026	
S521	Typical Masonry Details	02/20/2026	
S522	Typical Masonry Details	02/20/2026	
S601	Typical Steel Details	02/20/2026	
S602	Typical Steel Details	02/20/2026	
S603	Typical Steel Details	02/20/2026	
S611	Steel Details	02/20/2026	
S612	Steel & Precast Details	02/20/2026	
S621	Typical Steel Roof Details	02/20/2026	
S624	Typical Roof Top Unit Details	02/20/2026	
S625	Typical Roof Top Unit Details	02/20/2026	
S701	Typical Light Gage Details	02/20/2026	
S702	Typical Light Gage Details	02/20/2026	
S703	Typical Light Gage Details	02/20/2026	
	ARCHITECTURAL GENERAL INFO		
A100	Demolition Plan	02/20/2026	
A101	Architectural Site Plan	02/20/2026	
A101-S	Sidewalk Plans	02/20/2026	
A102.1	Site Details	02/20/2026	
A102.2	Site Details	02/20/2026	
A103.1	Canopy Details	02/20/2026	
A103.2	Canopy Details	02/20/2026	
A104	Presentation Plans	02/20/2026	
A105	First Floor Plan	02/20/2026	
A106	Second Floor Plan	02/20/2026	
A107	First Floor Dimension Plan	02/20/2026	
A108	Second Floor Dimension Plan	02/20/2026	
A109	First Floor Reflected Ceiling Plan	02/20/2026	
A110	Second Floor Reflected Ceiling Plan	02/20/2026	
A111	Roof Plan	02/20/2026	

A112	First Floor Pattern Plan	02/20/2026	
A113	Second Floor Pattern Plan	02/20/2026	
A114	First Floor Furniture Plan	02/20/2026	
A115	Second Floor Furniture Plan	02/20/2026	
A200	Building Elevations – Exterior Finishes	02/20/2026	
A201	Building Elevations	02/20/2026	
A202	Building Elevations – Enlarged	02/20/2026	
A215	Building Sections	02/20/2026	
A216	Building Sections	02/20/2026	
A301	Wall Sections	02/20/2026	
A302	Wall Sections	02/20/2026	
A303	Wall Sections	02/20/2026	
A304	Wall Sections	02/20/2026	
A421	Enlarged Toilet Plans and Schedule	02/20/2026	
A430	Enlarged Stair Plans and Section	02/20/2026	
A431	Stair Details	02/20/2026	
A443	Elevator Plan and Details	02/20/2026	
A450	Courtyard Plan	02/20/2026	
A501	Plan Details	02/20/2026	
A502	Plan Details	02/20/2026	
A503	Plan Details	02/20/2026	
A504	Plan Details	02/20/2026	
A505	Plan Details	02/20/2026	
A511	Section Details	02/20/2026	
A512	Section Details	02/20/2026	
A513	Section Details	02/20/2026	
A514	Section Details	02/20/2026	
A515	Section Details	02/20/2026	
A522	Typical Roof Details	02/20/2026	
A523	Typical Roof Details	02/20/2026	
A524	Roof Details	02/20/2026	
A533	Exterior Details	02/20/2026	
A601	Door Schedule	02/20/2026	
A602	Door and Window Elevations	02/20/2026	
A603	Door and Window Elevations	02/20/2026	
A621	Door and Window Details	02/20/2026	
A622	Door and Window Details	02/20/2026	
A623	Door and Window Details	02/20/2026	
A624	Door and Window Details	02/20/2026	
A625	Door and Window Details	02/20/2026	
A626	Door and Window Details	02/20/2026	

A630	Louver Details	02/20/2026	
A641	Finish Schedule	02/20/2026	
A645	Color Board	02/20/2026	
A701	Interior Elevations	02/20/2026	
A702	Interior Elevations	02/20/2026	
A703	Interior Elevations	02/20/2026	
A704	Interior Elevations	02/20/2026	
A705	Interior Elevations	02/20/2026	
A706	Interior Elevations	02/20/2026	
A707	Interior Elevations	02/20/2026	
A708	Interior Elevations	02/20/2026	
A709	Interior Elevations	02/20/2026	
A710	Interior Elevations	02/20/2026	
A711	Interior Elevations	02/20/2026	
A712	Interior Elevations	02/20/2026	
A721	Millwork Details	02/20/2026	
A722	Millwork Details	02/20/2026	
A730	Interior Details	02/20/2026	
A731	Interior Details	02/20/2026	
A741	Ceiling Details	02/20/2026	
A801	Signage Schedule	02/20/2026	
A802	Signage Schedule	02/20/2026	
A803	Signage Schedule	02/20/2026	
	FIRE PROTECTION		
FS001	General Notes	02/20/2026	
FS100	Site Plan	02/20/2026	
FS101	First Floor Plan	02/20/2026	
FS102	Second Floor Plan	02/20/2026	
FS501	Details	02/20/2026	
FS502	Details	02/20/2026	
	PLUMBING		
P001	General Notes	02/20/2026	
P101	First Floor Plan	02/20/2026	
P102	Second Floor Plan	02/20/2026	
P201	Enlarged Plans - Restrooms	02/20/2026	
P202	Enlarged Plan 1st Flr Culinary	02/20/2026	
P203	Enlarged Plan 1st Flr Classrooms	02/20/2026	
P204	Enlarged Plan 2nd Flr Classrooms	02/20/2026	
P301	Risers	02/20/2026	
P302	Risers	02/20/2026	

P303	Risers	02/20/2026	
P304	Risers	02/20/2026	
P305	Risers	02/20/2026	
P306	Gas Riser	02/20/2026	
P401	Schedules	02/20/2026	
P402	Schedules	02/20/2026	
P403	Schedules	02/20/2026	
P501	Details	02/20/2026	
P502	Details	02/20/2026	
P503	Details	02/20/2026	
P504	Details	02/20/2026	
	MECHANICAL		
M001	General Notes	02/20/2026	
M002	Legend	02/20/2026	
M100	Site Plan	02/20/2026	
M101	First Floor Plan	02/20/2026	
M102	Second Floor Plan	02/20/2026	
M201	Enlarged Plans	02/20/2026	
M202	Enlarged Plans	02/20/2026	
M203	Enlarged Plans	02/20/2026	
M204	Enlarged Plan – Culinary Arts	02/20/2026	
M301	Condenser Water Riser	02/20/2026	
M401	Schedules	02/20/2026	
M402	Schedules	02/20/2026	
M501	Details	02/20/2026	
M502	Details	02/20/2026	
M503	Details	02/20/2026	
	CONTROLS		
IC001	General Notes & Legends	02/20/2026	
IC002	General Notes & Legends	02/20/2026	
IC101	First Floor Plan	02/20/2026	
IC102	Second Floor Plan	02/20/2026	
IC201	Controls – Water Source Heat Pump Systems	02/20/2026	
IC202	Controls – Water Source Heat Pump DOAS System	02/20/2026	
IC203	Controls – Water Source Heat Pump MAU System	02/20/2026	
IC204	Controls – Miscellaneous System	02/20/2026	
IC401	Details	02/20/2026	
	ELECTRICAL		
E001	General Notes	02/20/2026	
E100	Site Plan - Electrical	02/20/2026	

E111	First Floor Plan - Lighting	02/20/2026	
E112	Second Floor Plan - Lighting	02/20/2026	
E121	First Floor Plan - Power	02/20/2026	
E122	Second Floor Plan - Power	02/20/2026	
E133	Roof Plan – Lightning Protection Plan	02/20/2026	
E301	One-Line Diagram	02/20/2026	
E411	Schedules - Lighting	02/20/2026	
E421	Schedules - Power	02/20/2026	
E422	Schedules - Panels	02/20/2026	
E423	Schedules - Panels	02/20/2026	
E424	Schedules - Panels	02/20/2026	
E501	Details	02/20/2026	
E502	Details	02/20/2026	
E503	Details	02/20/2026	
E504	Details	02/20/2026	
E531	Details – Lightning Protection	02/20/2026	
	FIRE PROTECTION		
FE001	General Notes	02/20/2026	
FE100	Site Plan	02/20/2026	
FE101	First Floor Plan	02/20/2026	
FE102	Second Floor Plan	02/20/2026	
FE401	Schedules	02/20/2026	
FE501	Details	02/20/2026	
	FOOD SERVICE		
Q101	Food Service Equipment Floor Plan	02/20/2026	
Q201	Food Service Equipment Details	02/20/2026	
Q301	Food Service Equipment Mechanical / Plumbing Rough-In Plan	02/20/2026	
Q401	Food Service Equipment Electrical Rough-In Plan	02/20/2026	
Q501	Food Service Equipment Rough-In Notes	02/20/2026	
Q601	Food Service Equipment Wiring Diagrams & Details	02/20/2026	
	TELECOMMUNICATIONS		
T100	Communications Site Plan	02/20/2026	
T200	Communications Floor Plan First Floor	02/20/2026	
T201	Communications Floor Plan Second Floor	02/20/2026	
T300	Communications Typical Details	02/20/2026	
T301	Communications Typical Details	02/20/2026	
T302	Communications Typical Details	02/20/2026	
T303	Communications Typical Faceplate & Labeling Details	02/20/2026	
T304	Intercom Notes & Typical Details	02/20/2026	

T400	Data System Single Line Configuration Diagram	02/20/2026	
T401	Data System Single Line Configuration Diagram	02/20/2026	
T500	Communications Closet (CC) Enlarged Floor Plans	02/20/2026	
T501	Communications Rack Elevations	02/20/2026	
	ACCESS CONTROL		
ACS100	Access Control System Floor Plan First Floor	02/20/2026	
ACS101	Access Control System Floor Plan Second Floor	02/20/2026	
ACS200	Access Control Typical Details	02/20/2026	
ACS201	Access Control Typical Details	02/20/2026	03/15/2025
ACS300	Access Control Typical Details	02/20/2026	
	IP SECURITY CAMERA		
SEC100	IP Security Camera System Floor Plan First Floor		03/15/2025
SEC101	IP Security Camera System Floor Plan Second Floor		03/15/2025
SEC200	IP Security Camera System Notes		03/15/2025