Rocky Hill Senior/Community Center

Addendum #3

04.14.2020

General/Clarifications

BID DEADLINE (Revised)	The Bid Deadline is **2pm April 28, 2020** **Rocky Hill Town Managers Office**
BID FORM (Revised)	Revised
PRE-BID CONFERENCE	The Pre-Bid Conference was **10 am April 3, 2020** Information from the Conference is available on the Planroom and DAS
RFI	All questions are to be submitted in ***WRITING***: **Rocco Petitto at QA+M Architecture** email: rpetitto@qamarch.com
RFI DEADLINE (Revised)	QA+M will issue any and all addenda per the Instructions. To Bidders. No questions will be taken after 4:00 pm ***Thursday April 16,2020***
ELECTRONIC DOCUMENTS	All Electronic documents will be available from the: **Advanced Reprographics Plan Room**. Visit https://www.advancedplanroom.com or p. 860-410-1020. All PDF Documents will be available on the DAS website

Changes to the Drawings

REVISED	Sheet C.401 Grading Plan
REVISED	Sheet C.402 Grading Plan
REVISED	Sheet A2.1b Reflected Ceiling Plan
ADD	Sheet A5.11 Wall Section

Changes to the Project Manual

REVISED	087100 Door Hardware

RFI Clarifications Front End and Bid Documents

1. You have already specified an RFI cut-off date which is fully 2 WEEKS prior to the bid, and which is less than a week after the pre-bid. Given the National Health Emergency and the current STAY-AT-HOME things are not going as smoothly as previous, most of the estimators I have been talking to are working, inefficiently off their kitchen tables and I can hear dogs, kids and grandkids in the background. Will you change the RFI deadline to one week before the bid so the tradesmen bidders will be able to get answers to their questions?

   See General Clarifications Addenda 3

2. There is a major inconsistency of the timeline within the documents. Stated is the intention to award the project in 30 days but your bid form directs the bidder to hold their price for 90 days. Then the draft contract clearly shows a date of May 11 to commence work (which is clearly less than 30 days after the bid) with a substantially complete date of MAY 14, 2021. Given $3,000.00 per day Liquated damages, we need to know what you mean. What is your intent? Does the project have a drop-dead date?

   We anticipate selecting and issuing a letter of intent within 30 days. Should there be a need to push that date back, then the bid price is to be held for 90 days to accommodate. The dates in the draft contract are an anticipated start date and anticipated substantial completion date. If the award schedule shifts, then the whole schedule shifts along with it.

3. Please confirm whether the GC is responsible for Builder's Risk Insurance or will it be provided by the Owner.

   Owner provided

4. What is the warranty for the project?

   Please refer to Section 3 of the AIA A201-2017 General Conditions of the Contract for Construction included in the bid documents.

5. Are there CHRO requirements?

   No CHRO requirements for this project as it is a public project but not state funded.

RFI Clarifications Drawings and Specifications

1. Please provide additional building sections that properly identify roof elevation differences.

   Refer to Steel Elevations, structural drawings for working points, also refer to wall sections for top of wall systems.

2. Please confirm Room number and name of space between Column Lines A - D & 1 - 4. Not all rooms are identified. Please cross reference door schedule which appears to have inconsistencies.

   Floor Plan Attached

3. Please provide a section detail between the upper roof of the Multipurpose rooms & lower roof

   See Attached.

4. The Project Description slide presented during the Prebid conference call identifies scope “not in the scope of work” differently than the D1.1 Drawing. The demolition drawing identifies the activity rooms as not in scope and suggest more corridor work is in scope. A1.1A plan doesn’t include a complete plan of those areas. Please confirm scope and issue drawings that show the full area of the renovation.

   There is no work in the Activity Rooms in the Town Hall. The only work near those areas will happen on the floor and ceiling. It will consist of minor floor work as noted on the finish plans and reworking of HVAC, Lighting, and Fire Protection as noted on the RCP and MEP drawings.

5. Please provide the ceiling types in the following rooms: Corridor 101, Corridor 102, Storage 301, TLT 302, Storage 311.

   Corridor 101- APC1 acoustic tiles where 2x2s are shown and then PGB1 at gyp. conditions
   Corridor 102- APC1 acoustic tile
   Storage 301 (Games Storage)- APC1 acoustic tile
   Toilet 302- APC2 (Ultima Health) acoustic tile
   Storage 311 (Arts & Crafts Storage)- APC1 acoustic tile

6. Confirm rooms 121 & 122 are ACP Type 1

   Yes the center ceiling portions of Multipurpose 120, 121 & 122 are all APC1 acoustic tiles with PGB4 surrounding border

7. The finish schedule states that there are Wood Ceilings on the Project in the café. Where is this ceiling? I have been unable to find the café.

   AWC1 wood baffles are in the "café" bar in the main lobby above Women's Restroom 118

8. Per this RFI request, please advise if the STC ratings of 50 and 55 apply to the doors they are assigned to in the Door Schedule (last column). These STC rating are extremely high and very, very expensive.

   High STC rated doors should only be provided in the offices for Human Services 109,110,111,112,114, and 115. Revised Door Schedule to be issued in future addenda

9. What is door 203 BN?

   Sliding Barn Door:
   Mfg: Richelieu, Z- Brace Barn Door (Single Door), Size: 36" x 84", Finish: TBD, Model #: BDCZB3684SO13
   Barn Door Hardware:
   Mfg: Richelieu, Style: The Classic, 246015170 wood- door- single- roller hardware set in stainless steel
   Set includes: 2 roller units, 2 end bumpers, 2 anti- derailer units, and 1 floor- level guide for wood door

10. Door 205B is missing from the door schedule and HW schedule. Please clarify HW for 205B and door type for this as well as door pair 205A. are they both to be heavy duty doors to match the vestibules, or should these be standard 1 ¾' thick wide stile storefront doors?

    Yes HD to match

11. Door 210 and alternate a210. Please confirm that the only difference is the frame types.

    Door 210 and a210 are the same doors.

12. Item #12 the 3 bay sink references Custom Metal of Massachusetts, as does Item #14 the wall shelf, am I to understand that these items are all set then and do not require a quote? The Metro Max unit spec'd does not come in the 21" deep size being requested, 18" or 24" are available, it states units, but the drawing reflects a single unit. The Summit refrigeration unit does not give a quantity of units. Please Clarify

    Item 12 and 14 - Specification lists three possible manufacturers of the product specified at items 12 and 14. You are to seek pricing from those brands to manufacture and supply them to you to be installed per the contract documents. The metro units specified is available as 21" deep. We are not replacing refrigerators or freezer.

13. Detail 1/A5.2 notes the top of roof steel is 13'4". When scaled, it measures 12'4". Which is correct?

13’-4” is from the base elevation of the project there is a 1’-0” difference in floor elevation from the main Senior/Community Center floor and the Town Hall.

14. Detail 2/A5.2 notes the top of roof steel is 12’6”. When scaled, it measures 11’6”. Which is correct?

    12’-6” is from the base elevation of the project there is a 1’-0” difference in floor elevation from the main Senior/Community Center floor and the Town Hall.

15. Is detail 2/A5.2 in the correct location? It would appear the entire length of the wall along Storefront SF01 would be a consistent height. Roof plan would suggest the same roof elevation and so does Elevation 1/A3.2. Please confirm correct building/parapet height along Storefront SF01.

    There are 2 different roof heights behind the parapet.

16. All areas within Human Services 108 to be CPT-3 & RB-1?

    Yes all offices suites, storage room and general areas in Human Services.

17. Area off of Corridor 210 next to Storage 204, what is the finish floor?

    SC- sealed concrete, same as Storage 204

18. Alcove into Stage 131, what is the floor finish?

    Existing to remain

19. Why are there 2 different storefront systems listed the 601 and the 451? Neither have a 4” or 6” profile.

    All lower storefront systems are to be bid as the Kawneer 601T 6”, above the 14’4” Clerestory level all systems should be the 451 to allow for space to run by the sloping structure. Thicker profiles are intended to be stacked extrusions i.e. door jambs, sills, and heads

End of Addendum #3

SECTION 002100

BID FORM – GENERAL CONSTRUCTION CONTRACT

ARCHITECT		**OWNER'S REPRESENTATIVE**
QA+M Architecture		Colliers Project Leaders
195 Scott Swamp Road		135 New Road
Farmington, CT 06032		Madison, CT 06443
(860) 470-5031 Phone		860 395-0055 Phone
		203 779-5661 Fax

BIDDER: **Firm Name:** _____

Address: _____

_____

_____

Phone: _____

Fax: _____

PROJECT: **Rocky Hill Senior/Community Center**

OWNER: **Town of Rocky Hill**
761 Old Main Street
Rocky Hill, CT 06067

A. BASE BID FOR GENERAL CONSTRUCTION:

Having carefully examined Contract Documents listed in The Project Manual, and consisting of Instructions to Bidders, drawings, specifications inclusive of but not limited to Geotechnical Engineering Report, Haz Mat Building Survey Report, 014200 References, 012300 Alternates, drawings with the designation of C1.00, all Addenda as specifically listed below, and having examined the site and being familiar with conditions affecting work, Undersigned proposes to furnish materials and labor and perform Construction work as indicated with a hundred 100% payment and performance bond to complete the Rocky Hill Senior/Community Center as called for by Bidding Documents for the Stipulated Sum of:

Base Bid:	$
	Dollars

Undersigned agrees above stipulated sum is firm price including applicable taxes and is not subject to extras or escalator clauses.

1. NAMING OF MAJOR TRADE SUB-CONTRACTORS:

Identify the major trade sub-contractor included within the base bid noted above for the following trades:

a) Site Trade Subcontract:

Sub-Contractor Name:	

b) Steel Trade Subcontract:

Sub-Contractor Name:	

c) Fire Protection Trade Subcontract:

Sub-Contractor Name:	

d) Plumbing Trade Subcontract:

Sub-Contractor Name:	

e) HVAC Trade Subcontract:

Sub-Contractor Name:	

f) Electrical Trade Subcontract:

Sub-Contractor Name:	

B. ADDENDA:

Undersigned certifies that the Base Bid includes Addenda listed below and they are hereby acknowledged as having been received and carefully reviewed by the Bid Due Date:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

E. ALTERNATES:

The undersigned, if awarded the Contract, proposes to perform work in addition to the scope of work shown and specified herein as associated with the Base Bid in accordance with the following Alternate Proposals, which amounts are to be added to or deducted from amount of the Base Bid as indicated for the Alternates specified in Section 012300, Alternates. If the Bidder desires to indicate that the acceptance of any Alternate will result neither in an addition to nor a deduction from the value of the work, he shall enter the phrase "No Change" in response to such Alternates. It is understood that the Owner reserves the right to accept or reject any or all of the following Alternate Proposals. Refer to Section 012300, Alternates, and to respective specification sections referenced in Section 012300. Alternate pricing are to include all markups, overhead, profit, taxes and related costs.

Alternate #1:

Add / Deduct	$
	Dollars

Alternate #2:

Add / Deduct	$
	Dollars

Alternate #3:

Add / Deduct	$
	Dollars

Alternate #4:

Add / Deduct	$
	Dollars

Alternate #5:

Add / Deduct	$
	Dollars

Alternate #6:

Add / Deduct	$
	Dollars

F. LABOR AND MATERIAL RATES:

Labor: Unit rates shall be listed for major trades such as carpenters, laborers, glazers, painters, masons, heavy equipment operators, and any other major trade employed in the completion of the Work. Labor rates shall include all overhead, profit and supervision costs, and shall not be subject to any further markups when utilized in the computation of a Change Order amount. The Owner reserves the right to request additional labor rates. Use additional pages if space provided below is not sufficient.

Trade: _____ Rate: $_____ per hour
Trade: _____ Rate: $_____ per hour
Trade: _____ Rate: $_____ per hour
Trade: _____ Rate: $_____ per hour
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Trade: _____ Rate: $_____ per hour
Trade: _____ Rate: $_____ per hour
Trade: _____ Rate: $_____ per hour

Material and Equipment: Material and equipment charges used to compute Contract Change Orders will be based on original supplier invoices and a standard markup of

	Percent	%

These standard markups shall include all administrative and delivery and handling charges and shall not be subject to any further mark-up.

G. FEES FOR SUBCONTRACTOR CHANGES IN THE WORK:

Coordination Fee for changes in the Undersigned Bidder's Sub-contractor's work which shall include all overhead, profit and supervision costs, and shall not be subject to any further markups when utilized in the computation of a Change Order amount (labor and material:

Add:	Percent	%	To sub-contractors invoice.

H. UNIT PRICING:

Item No. 1 – Cost for material, labor, equipment, etc… to provide fully installed fiber cable per specification within interior of any town campus building for additional length needed beyond specified allowance.

_____ $ per linear foot

Hazardous Materials Abatement Unit Prices:

Unit Prices in accordance with the following schedule will apply to this Contract. Unit prices include labor, disposal, and all necessary fees.

Item No. 1 – Asbestos containing flooring materials (all layers to substrate), removal and disposal as asbestos waste.

$_____ per square foot.

Item No. 2 – Asbestos containing mirror adhesive, removal and disposal as asbestos waste.

$_____ per square foot.

Item No. 3 – Asbestos containing thermal system insulation within masonry plumbing walls, removal and disposal as asbestos waste.

$_____ per linear feet.

Item No. 4 – Asbestos containing materials, removal and disposal as asbestos waste utilizing spot repair procedures.

$_____ per glovebag.

Item No. 5 – Preparation of a small containment (for abating asbestos >3 sf/3 lf but <260 lf/160 sf) with decontamination unit (including remobilization, if necessary).

$_____ per containment.

Item No. 6 – Preparation of a large containment (for abating asbestos >260 lf/160 sf) with decontamination unit (including remobilization, if necessary).

$_____ per containment.

Item No. 7 – Disposal of debris coated with lead paint as hazardous lead waste.

$_____ per cubic yard.

H. OTHER CERTIFICATIONS:

Undersigned agrees to execute Contract for above work for the above stipulated sum provided that he be notified of acceptance of bid within ninety (90) days after time set for the receipt of bids. Undersigned agrees to execute contract and deliver it to the Owner.

Undersigned agrees by submission of this bid that the bidder is the only interested party submitting this bid, that the Contract Documents are incorporated herein, that there is no collusion, and the contract will not be assigned with written consent of the Owner.

Undersigned certifies that it has provided the Bid Security Bond properly executed following items with this bid form.

Undersigned represents to Owner that it has the labor, machinery, equipment, supplies, and credit to meet the schedule completion requirements more specifically enumerated in the DIVISION 1 – GENERAL REQUIREMENTS.

Firm: _____

Authorized Representative: _____

Title: _____

Signature: _____

Date: _____

(Corp. Seal) (Notary Seal)

END OF GENERAL CONSTRUCTION CONTRACT BID FORM

SECTION 087100 - DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The Contractor, Subcontractors, and/or suppliers providing goods or services referenced in or related to this Section shall also be bound by the Documents identified in Division 01 Section "Summary", Paragraph 1.1A, entitled "Related Documents."

1.2 SECTION INCLUDES

A. Furnish and deliver all finish hardware necessary for all doors, also hardware as specified herein and as enumerated in hardware sets and as indicated and required by actual conditions at the building. The hardware shall include the furnishing of all necessary screws, bolts, expansion shields, drop plates, and all other devices necessary for the proper application of the hardware.

1.3 RELATED SECTIONS

A. Division 06 - Wood, Plastics, and Composites

B. Section 08 11 13 - Hollow Metal Doors and Frames

C. Section 08 14 16 - Flush Wood Doors

D. Section 08 41 13 - Aluminum-Framed Entrances and Storefronts

E. Section 08 71 13 – Automatic Door Operators

F. Section 08 80 00 - Glazing

G. Division 26 - Electrical

H. Division 28 - Electronic Safety and Security

I. Specific Omissions: Hardware for the following is specified or indicated elsewhere, unless specifically listed in the hardware sets:
   1. Windows.
   2. Cabinets of all kinds, including open wall shelving and locks.
   3. Signs, except as noted.
   4. Toilet accessories of all kinds including grab bars and coat hooks.
   5. Overhead doors (except cylinders where scheduled).
   6. Electro-magnetic door holders (wall mounted).

1.4 REFERENCES

A. International Code Congress (ICC)/American National Standards Institute (ANSI):
   1. ICC/ANSI A117.1, Accessible and Usable Buildings and Facilities.
   2. ANSI/BHMA A156.1 – A156.24 – Standards for Hardware and Specialties.

B. National Fire Protection Association (NFPA):
   1. NFPA 80 - Standard for Fire Doors and Fire Windows
   2. NFPA 101 - Life Safety Code
   3. NFPA 105 - Smoke and Draft Control Door Assemblies

C. Underwriters Laboratories, Inc. (UL):
   1. UL 10C - Positive Pressure Test of Fire Door Assemblies
   2. UL 1784 - Air Leakage Tests of Door Assemblies
   3. UL 305 - Panic Hardware

D. Applicable state and local building codes.

E. Accessibility
   1. ADA - Americans with Disabilities Act
   2. ICC / ANSI A117.1 - Accessible and Usable Buildings and Facilities

F. Door and Hardware Institute (DHI):
   1. Sequence and Format for the Hardware Schedule.
   2. Recommended Locations for Builders Hardware

1.5 SUBMITTALS

A. Submit under provisions of Section 01 33 00.

B. Product Data: Include manufacturers' technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.

C. Final Hardware Schedule Content: Based on hardware indicated, organize schedule into "hardware sets" indicating complete designations of every item required for each door or opening. Include the following information:
   1. Type, style, function, size, and finish of each hardware item.
   2. Name and manufacturer of each item.
   3. Fastenings and other pertinent information.
   4. Location of each hardware set cross-referenced to indications on Drawings.
   5. Explanation of all abbreviations, symbols, and codes contained in schedule.
   6. Mounting locations for hardware.
   7. Mounting type for closers.
   8. Door and frame sizes, materials, degree of opening, handing, and fire/smoke rating.
   9. Name and phone number for the local manufacturer's representative for each product.
   10. Operational Description of openings with any electrified hardware (locks, exits, electromagnetic locks, electric strikes, automatic operators, door position switches, magnetic holders or closer/holder units, and/or access control components). Operational description should include how the door will operate on egress, ingress, and/or fire/smoke alarm connection.
   11. Riser and point to point wiring diagrams for all openings with electrified hardware.

D. Key Schedule: After a keying meeting between representatives of the Owner, Architect, and the hardware supplier, provide a keying schedule, listing the levels of keying, as well as an explanation of the key system's function, the key symbols used, and the door numbers controlled. This schedule can be submitted as a part of the hardware schedule or as a separate schedule.

E. Samples: If requested by the Architect, submit samples of each type of exposed hardware unit in finish indicated and tagged with full description for coordination with schedule.
   1. Samples will be returned to the supplier in like-new condition. Units that are acceptable may, after final check of operations, be incorporated in the Work, within limitations of key coordination requirements.

F. Templates: After final approval of the hardware schedule, provide templates for doors, frames, and other work specified to be factory prepared for the installation of door hardware.

G. Wiring Diagrams: After final approval of the hardware schedule, submit wiring diagrams as required for the proper installation of all electrical, electro-mechanical, and/or electro-magnetic products.

H. Operations and Maintenance Data: Provide in accordance with Section 01 78 23 and include the following:
   1. Complete information on care, maintenance, and adjustment; data on repair and replacement parts, and information on preservation of finishes.
   2. Catalog pages for each product.
   3. Name, address, and phone number of local representative for each manufacturer.
   4. Parts list for each product.
   5. Copy of final approved hardware schedule, edited to reflect “As installed.”
   6. Copy of final keying schedule.
   7. As installed “Wiring Diagrams” for each opening connected to power, both low voltage and 110 volts.
   8. One (1) complete set of special tools required for maintenance and adjustment of hardware, including changing of cylinders.
   9. Copy of warranties including appropriate reference numbers for manufacturers to identify the project.

1.6 QUALITY ASSURANCE

A. Substitutions: Submit substitutions in accordance with Division 01.

B. Supplier Qualifications: A recognized architectural hardware supplier, with warehousing facilities in the Project’s vicinity, that has a record of successful in-service performance for supplying door hardware similar in quantity, type, and quality to that indicated for this Project and that employs an accredited Architectural Hardware Consultant (AHC), who is available to Owner, Architect, and Contractor, at reasonable times during the course of the Work for consultation.

C. Product Single Source Responsibility: Obtain each type of hardware (latch and locksets, hinges, closers, etc.) from a single manufacturer.

D. Supplier Single Source Responsibility: Procure hardware for all doors from a single supplier.

E. Fire-Rated Openings: Provide door hardware for fire-rated openings that complies with NFPA 80 and requirements of authorities having jurisdiction. Provide only items of door hardware that are listed and are identical to products tested by Underwriters Laboratories, Warnock Hersey, Factory Mutual, or other testing and inspecting organization acceptable to the authorities having jurisdiction for use on types and sizes of doors indicated in compliance with requirements of fire-rated door and door frame labels.

F. Electronic Security Hardware: When electrified hardware is included in the hardware specification, the hardware supplier must employ an individual knowledgeable in electrified components and systems, who is capable of producing wiring diagrams and consulting as needed. Coordinate installation of the electronic security hardware with the Architect and electrical engineers and provide installation and technical data to the Architect and other related sub-contractor. Upon completion of electronic security hardware installation, verify that all components are working properly, and state in the required guarantee that this inspection has been performed.

1.7 DELIVERY, STORAGE AND HANDLING

A. Tag each item or package separately with identification related to final hardware schedule, and include basic installation instructions with each item or package.

B. Each article of hardware shall be individually packaged in manufacturer's original packaging.

C. Contractor will provide secure lock-up for door hardware delivered to the Project, but not yet installed. Control handling and installation of hardware items so that completion of the Work will not be delayed by hardware losses both before and after installation.

D. Items damaged in shipment shall be replaced promptly and with proper material and paid for by whomever did the damage or caused the damage to occur.

E. All the hardware shall be handled at this project in a manner to avoid damage, marring or scratching. Any irregularities that occur to the hardware after it has been delivered to the project shall be corrected, replaced or repaired by the Contractor at their expense. All hardware items shall be protected against malfunction due to paint, solvent, cleanser or any chemical agent.

F. No direct shipments will be allowed unless approved by the Contractor.

1.8 WARRANTY

A. Starting date for warranty periods to be date of manufacture of that hardware item.

B. No liability is to be assumed where damage or faulty operation is due to improper installation, improper usage or abuse.

C. Provide guarantee from hardware supplier as follows:
1. Hinges: Life of the building.
2. Closers: 25 years.
3. ADA Operators: 2 years, mechanical; 2 years, electrical.
4. Locksets: 10 years; except electrified locksets, 2 years.
5. Exit Devices: 10 years; except electrified devices, 2 years.
6. All other Hardware: One (1) year.

D. Products judged to be defective during the warranty period shall be replaced or repaired in accordance with the manufacturer’s warranty, at no additional cost to the Owner.

1.9 MAINTENANCE

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

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Approval of manufacturers other than those listed shall be in accordance with Paragraph 1.6A.

B. Note that even though an acceptable substitute manufacturer may be listed, the product must provide all the functions and features of the specified product or it will not be approved.

C. Hand of Door: Drawings show direction of slide, swing, or hand of each door leaf. Furnish each item of hardware for proper installation and operation of door movement as shown.

D. Where the exact types of hardware specified are not adaptable to the finished shape or size of the members requiring hardware, furnish suitable types having as nearly as possible the same operation and quality as the type specified, subject to Architect's approval.

2.2 MATERIALS

A. Fasteners:
1. Provide hardware manufactured to conform to published templates, generally prepared for machine screw installation.
2. Furnish screws for installation with each hardware item. Finish exposed (exposed under any condition) screws to match hardware finish or, if exposed in surfaces of other work, to match finish of this other work as closely as possible including "prepared for paint" surfaces to receive painted finish.
3. Provide concealed fasteners for hardware units that are exposed when door is closed except to the extent that no standard units of type specified are available with concealed fasteners. Do not use thru-bolts for installation where bolt head or nut on opposite face is exposed in other work unless their use is the only means of reinforcing the work adequately to fasten the hardware securely.
4. All hardware shall be installed with the fasteners provided by the hardware manufacturer.

2.3 HINGES

A. Provide five-knuckle, concealed bearing hinges of type, material, and height as outlined in the following guide for this specification:

B. 1-3/4 inch thick doors, up to and including 36 inches wide:
1. Interior: standard weight, steel, 4-1/2 inches high

C. 1-3/4 inch thick doors over 36 inches wide:
1. Interior: heavy weight, steel, 5 inches high

D. Provide three hinges per door leaf for doors 90 inches or less in height, and one additional hinge for each 30 inches of additional door height.

E. Hinge Pins: Except as otherwise indicated, provide hinge pins as follows:
1. Steel Hinges: Steel pins
2. Non-Ferrous Hinges: Stainless steel pins
3. Out-Swinging Exterior Doors: Non-removable pins
4. Out-Swinging Interior Lockable Doors: Non-removable pins
5. Interior Non-lockable Doors: Non-rising pins

F. The width of hinges shall be 4-1/2 inches at 1-3/4 inch thick doors, and 5 inches at 2 inches or thicker doors. Adjust hinge width as required for door, frame, and/or wall conditions to allow proper degree of opening.

G. Provide hinges with electrified option where specified. Provide with sufficient number and gage of concealed wires to accommodate electric function of specified hardware. Locate electric hinge at second hinge from bottom or nearest to the electrified locking component.

H. Provide mortar guard for each electrified hinge specified, unless specified in hollow metal frame specification.

I. Acceptable manufacturers and/or products: Stanley CB series, Hager AB series, and Bommer LB series.

2.4 CONTINUOUS HINGES - GEARED

A. Provide aluminum geared continuous hinges conforming to ANSI A156.25, Grade 1.

B. Provide aluminum geared continuous hinges, where specified in the hardware sets, fabricated from 6063-T5 aluminum.

C. Provide split nylon bearings at each hinge knuckle for quiet, smooth, self-lubricating operation. Provide hinge with no less than 32 bearings.

D. Hinges shall be capable of supporting door weights up to 600 pounds, and shall be successfully tested for 1,500,000 cycles.

E. On fire-rated doors, provide aluminum geared continuous hinges that are classified for use on rated doors by a testing agency acceptable to the authority having jurisdiction.

F. Provide aluminum geared continuous hinges with electrified option where specified. Provide with sufficient number and gage of concealed wires to accommodate electric function of specified hardware.

G. Install hinges with fasteners supplied by manufacturer.

H. Acceptable manufacturers and products: Stanley, 661HD series, and Select SL11HD series.

2.5 SLIDING/BARN DOOR HARDWARE

A. Provide complete sets of sliding door hardware as recommended by the manufacturer for the door type and weight.
   1. Include track, channels, brackets, hangers, fasteners, guides, pulls, and all hardware required for a complete installation.

B. Acceptable manufacturers and/or products: National Guard Products, Hafele, Henderson.

2.6 ELECTRIC POWER TRANSFER

A. Provide power transfer sufficient for number and gage of wires to accommodate electric function of specified hardware.

B. Electric power transfer is to be located per manufacturer's template and UL requirements, unless interference with operation of door or other hardware items.

C. Acceptable manufacturers and/or products: Dorma, Von Duprin, ABH Manufacturing.

2.7 FLUSH BOLTS

A. Provide automatic and manual flush bolts with forged bronze face plates, extruded brass levers, and with wrought brass guides and strikes. Provide 12 inch steel or brass rods at doors up to 90 inches in height. Top rods at manual flush bolts for doors over 90 inches in height shall be increased by 6 inches for each additional 6 inches of door height. Provide dust-proof strikes at each bottom flush bolt.

B. Acceptable manufacturers and/or products: Trimco, Don-Jo Mfg., Burns.

2.8 COORDINATORS

A. Provide a bar-type coordinating device, surface applied to the underside of the stop at the frame head where pairs of doors are equipped with automatic flush bolts, an astragal, or other hardware that requires synchronized closing of the doors.

B. Provide a filler bar of the correct length for the unit to span the entire width of the opening, and appropriate brackets for parallel arm door closers and surface vertical rod exit device strikes. Factory-prep coordinators for vertical rod devices if required.

C. Acceptable manufacturers and/or products: Trimco, Don-Jo Mfg., Burns.

2.9 MORTISE LOCKS

A. Provide mortise locks that comply with ANSI A156.13, Series 1000, BHMA Grade 1 Operational and Grade 2 Security and are ULC listed, and appear in BHMA's "Directory of Certified Locks & Latches".

B. Locks shall have stamped steel case with steel or brass parts, and levers constructed of forged or cast brass, bronze or stainless steel construction.

C. Lever design shall be Dorma LCA.

D. Provide function numbers and descriptions indicated at the end of this Section.

E. Lock throw shall comply with testing requirements for length of bolts to comply with labeled fire door requirements, and as follows:
   1. Mortise Locks: Minimum 3/4-inch latch bolt throw.
   2. Mortise Locks & Latches shall have an anti-friction, 3/4-inch throw latch bolt with anti-friction piece made of self-lubricated stainless steel. Latch bolt with plastic insert and three-piece latch bolt are unacceptable on this project.
   3. Mortise Locks & Latches shall have levers to be operated with a roller bearing spindle hub mechanism.

F. Acceptable manufacturers and/or products: Dorma M9000 series, Schlage L9000 series, and Sargent 8200 series.

2.10 EXIT DEVICES

A. Provide exit devices tested to ANSI/BHMA A156.3 Grade 1, and UL listed for Panic Exit and/or Fire Exit Hardware.

B. Provide touchpad type exit devices, fabricated of stainless steel, plated to the standard architectural finishes to match the balance of the door hardware.

C. Touchpad shall extend a minimum of one half of the door width, but not the full length of the exit device rail.

D. Devices to incorporate a deadlatching feature.

E. Provide manufacturer's standard strikes.

F. Provide exit devices cut to door width and height. Locate exit devices at a height recommended by the exit device manufacturer, allowable by governing building codes, and approved by the Architect.

G. Where lever handles are specified as outside trim for exit devices, provide heavy-duty lever trims with forged or cast escutcheon plates.
   1. Lever style will match the lever style of the locksets.

H. Exit devices for fire rated openings shall be UL labeled fire exit hardware.

I. Provide electrical options as scheduled.

J. Acceptable manufacturers and/or products: Dorma 9000 series, Von Duprin 98 series, and Sargent 80 series.

2.11 POWER SUPPLIES

A. Provide power supplies, recommended and approved by the manufacturer of the electrified locking component, for the operation of electrified locks, electrified exit devices, magnetic locks, electric strikes, and other components requiring a power supply.

B. Provide the appropriate quantity of power supplies necessary for the proper operation of the electrified locking component and/or components as recommended by the manufacturer of the electrified locking components with consideration for each electrified component utilizing the power supply, the location of the power supply, and the approved wiring diagrams. Locate the power supplies as directed by the Architect.

C. Provide a power supply that is regulated and filtered 24 VDC, or as required, and UL class 2 listed.

D. Provide a power supply, where specified, with the internal capability of charging optional sealed backup batteries 24 VDC, or as required, in addition to operating the DC load.

E. Provide a power supply complete requiring only 120VAC to the fused input and shall be supplied in an enclosure.

F. Provide a power supply with emergency release terminals, where required, that allow the release of all devices upon activation of the fire alarm system complete with fire alarm input for initiating “no delay” exiting mode.

G. Acceptable manufacturers and/or products: Dorma PS series, Dynalock 5000 series, Security Door Controls 600 series.

2.12 ELECTRO-MECHANICAL AUTOMATIC OPERATORS

A. Provide low energy automatic operator units that are electro-mechanical design complying with ANSI A156.19 where automatic operators are specified.

B. The operator shall be powered with a DC motor working through reduction gears. Closing shall be spring force. No manual, hydraulic, or chain drive closer will be acceptable. The motor is to be off when the door is in closing mode. The door can be manually operated with the power on or off without damage to the operator. The operator shall include variable adjustments, including opening and closing speed adjustment. Operator shall be mounted in an aluminum cover.

C. Provide units with manual off/auto/hold-open switch, push and go function to activate power operator, vestibule interface delay, electric lock delay, hold-open delay adjustable from 2 to 30 seconds, and logic terminal to interface with accessories, mats, and sensors.

D. Provide drop plates, brackets, or adapters for arms as required to suit details.

E. Provide hard-wired motion sensors and/or actuator switches for operation as specified. Actuators shall be weather-resistant type at exterior applications.

F. Provide key switches, with LED’s, recommended and approved by the manufacturer of the automatic operator as required for the function as described in the operation description of the hardware sets.

G. Where automatic operators are scheduled, provide complete assemblies of controls, switches, power supplies, relays, and parts/material recommended and approved by the manufacturer of the automatic operator for each individual leaf. Locate the actuators, key switches, and other controls as directed by the Architect.

H. Acceptable manufacturers and/or products: Dorma ED900 Series, LCN 4600 Series, and Norton 7100 Series.

2.13 DOOR CLOSERS

A. Provide door closers certified to ANSI/BHMA A156.4 Grade 1 requirements by a BHMA certified independent testing laboratory. Door closers shall have fully hydraulic, full rack and pinion action with a high strength aluminum cylinder. Cylinder body shall be 1-1/2 inch diameter.

B. Provide hydraulic fluid requiring no seasonal closer adjustment. Fluid shall be fireproof and shall pass the requirements of the UL10C “positive pressure” fire test.

C. Spring power shall be continuously adjustable over the full range of closer sizes, and allow for reduced opening force as required by accessibility codes and standards. Closers shall have separate adjustment for latch speed, general speed, and backcheck.

D. Provide closers with heavy-duty forged forearms for parallel arm closers.

E. Closers shall not incorporate Pressure Relief Valve (PRV) technology.

F. Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other finish hardware items interfering with closer mounting.

G. Mount closers on room side of corridor doors, inside of exterior doors, and stair side of stairway doors from corridors. Closers shall not be visible in corridors, lobbies and other public spaces unless approved by Architect.

H. Acceptable manufacturers and/or products: Dorma 8900 Series, LCN 4050 series, Sargent 350 series

2.14 DOOR TRIM

A. Provide push bars of solid bar stock, diameter and length as scheduled. Push bars shall be of sufficient length to span from center to center of each stile. Where required, mount back to back with pull.

B. Provide offset pulls of solid bar stock, diameter and length as scheduled. Where required, mount back to back with push bar.

C. Provide pulls of solid bar stock, diameter and length as scheduled. Where required, mount back to back with push bar.

D. Acceptable manufacturers and/or products: Trimco, Don-Jo Mfg., Burns.

2.15 PROTECTION PLATES

A. Provide kick plates, and mop plates minimum of 0.050 inch thick as scheduled. Furnish with machine or wood screws, finished to match plates. Sizes of plates shall be as follows:
   1. Kick Plates – 8 inches high x 2 inches less width of door on single doors, 1 inch less width of door on pairs
   2. Mop Plates – 4 inches high x 2 inches less width of door on single doors, 1 inch less width of door on pairs

B. Acceptable manufacturers and/or products: Trimco, Don-Jo Mfg, Burns.

2.16 OVERHEAD STOPS

A. Provide heavy duty concealed mounted overhead stop as specified for exterior and interior vestibule single acting doors.

B. Provide medium duty surface mounted or concealed overhead stop for interior doors as specified. Provide medium duty surface mounted overhead stop for interior doors and at any door that swings more than 140 degrees before striking a wall, open against equipment, casework, sidelights, and/or where conditions do not allow a wall stop or a floor stop presents a tripping hazard.

C. Acceptable manufacturers and/or products: Dorma, ABH Manufacturing, Glynn-Johnson.

2.17 DOOR STOPS

A. Provide door stops for all doors in accordance with the following requirements:
   1. Provide wall stops wherever possible. Provide convex type where mortise type locks are used and concave type where cylindrical type locks are used.
   2. Where wall stops cannot be used, provide dome type floor stops of the proper height.
   3. At any opening where a wall or floor stop cannot be used, a medium duty surface mounted overhead stop shall be used.

B. Acceptable manufacturers and/or products: Trimco, Don-Jo Mfg, Burns.

2.18 THRESHOLDS, SEALS, DOOR SWEEPS, AUTOMATIC DOOR BOTTOMS, AND GASKETING

A. Provide thresholds, weatherstripping (including door sweeps, seals, astragals) and gasketing systems (including smoke, sound, and light) as specified and per architectural details. Match finish of other items as closely as possible.

B. Provide door sweeps, seals, astragals, and auto door bottoms only of type where resilient or flexible seal strip is easily replaceable and readily available.

C. Acceptable manufacturers and/or products: National Guard, Reese, Zero.

2.19 SILENCERS

A. Provide "Push-in" type silencers for each hollow metal or wood frame. Provide three for each single frame and two for each pair frame. Omit where gasketing is specified or required by code.

B. Acceptable manufacturers and/or products: Trimco, Don-Jo Mfg, Burns.

2.20 MAGNETIC HOLDERS

A. Provide wall or floor mounted electromagnetic door release as specified with a minimum of 25 pounds of holding force. Projection of holder and armature must be coordinated with other hardware and wall conditions to ensure that door sits parallel to wall when fully open. Where magnetic holders are used on fire-rated doors, they must be wired into the fire control panel for fail-safe operation.

B. Acceptable manufacturers and/or products: ABH Manufacturing, LCN, Rixson.

2.21 FINISHES

A. With the exception of items listed below, the finish of hardware items shall be US26D - satin chrome or US32D - satin stainless steel.

B. Exceptions are as follows:
1. Aluminum Geared Continuous Hinges: US28 (BHMA 628).
2. Offset Pulls, Door Pulls: US32D (BHMA 630).
3. Exit Devices: US32D (BHMA 630).
4. Protection Plates: US32D (BHMA 630).
5. Overhead Stops: Powder Coat to Match.
6. Door Closers: Powder Coat to Match.
7. Wall Stops: US32D (BHMA 630).
8. Weatherstipping: Clear Anodized Aluminum.
9. Thresholds: Mill Finish Aluminum.

2.22 CYLINDERS AND KEYING

A. Provide cylinders/cores/keys that will tie into the Owner's existing Medeco key system from: L.E. Whitford Co., Inc., 58 Connecticut Blvd., East Hartford, CT 06108. Phone: 860.528.7237.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Prior to installation of any hardware, examine doors, frames, walls and related items for conditions that would prevent proper installation of finish hardware. Correct defects prior to proceeding with installation.

B. Pre-Installation Conference: Prior to the installation of hardware, manufacturer's representatives for locksets, closers, and exit devices shall arrange and hold a jobsite meeting to instruct the installing contractor's personnel on the proper installation of their respective products. A letter of compliance, indicating when the meeting was held and who was in attendance, shall be sent to Architect and Owner.

3.2 INSTALLATION

A. Hardware shall be installed by qualified tradesmen skilled in application of commercial grade hardware. For technical assistance if necessary, installers may contact manufacturer's representative for the item in question, as listed in the hardware schedule.

B. Mount hardware units at heights indicated in "Recommended Locations for Builders Hardware for Standard Steel Doors and Frames" by the Door and Hardware Institute.

C. Install each hardware item in compliance with the manufacturer's instructions and recommendations, using only the fasteners provided by the manufacturer.

D. Do not install surface mounted items until finishes have been completed on the substrate. Protect installed hardware during painting.

E. Set units level, plumb and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.

F. Operating parts shall move freely and smoothly without binding, sticking, or excessive clearance.

G. Set thresholds for exterior doors in full bed of butyl rubber or polyisobutylene mastic sealant complying with requirements specified in Section 07 92 00.

3.3 ADJUSTING, CLEANING AND DEMONSTRATING

A. Adjust and check each operating item of hardware and each door, to insure proper operation or function of every unit. Replace units that cannot be adjusted to operate freely and smoothly.

B. Where door hardware is installed more than one (1) month prior to acceptance or occupancy of a space or area, return to the installation during the week prior to acceptance or occupancy and make a final check and adjustment of hardware items in such space or area. Clean operating items as necessary to restore proper function and finish of hardware and doors. Adjust door control devices to compensate for final operation of heating and ventilating equipment.

C. Clean adjacent surfaces soiled by hardware installation. Remove bulk trash form the building, clean up any dust/debris caused by the installation of hardware.

D. Instruct Owner’s personnel in the proper adjustment, lubrication, and maintenance of door hardware and hardware finishes.

3.4 FIELD QUALITY CONTROL

A. At completion of the project, a qualified factory representative for the manufacturers of locksets, closers, and exit devices shall inspect installations of their products. After the inspections, a letter shall be sent to the Architect reporting on conditions, verifying that their respective products have been properly installed and adjusted.

B. Six-Month Adjustment: Approximately six months after the date of Substantial Completion, the installer, accompanied by representatives of the manufacturers of latchsets and locksets, door control devices, and of other major hardware suppliers, shall return to the Project to perform the following work:
   1. Examine and re-adjust each item of door hardware as necessary to restore function of doors and hardware to comply with specified requirements.
   2. Consult with and instruct Owner’s personnel in recommended additions to the maintenance procedures.
   3. Replace hardware items that have deteriorated or failed due to faulty design, materials, or installation of hardware units.
   4. Prepare a written report of current and predictable problems (of substantial nature) in the performance of the hardware.

3.5 PROTECTION

A. Provide for the proper protection of items of hardware until Owner accepts the project as complete. Damaged or disfigured hardware shall be replaced or repaired by the responsible party.

3.6 HARDWARE SCHEDULE

A. Provide hardware for each door to comply with requirements of hardware set numbers indicated in door schedule, and in the following schedule of hardware sets.

B. It is intended that the following schedule includes all items of finish hardware necessary to complete the work. If a discrepancy is found in the schedule, such as a missing item, improper hardware for a frame, door or fire codes, the preamble will be the deciding document.

C. Hardware sets:

SET #01 - ALUMINUM PAIR - FOB READER/AUTO OPERATOR

2	Continuous Hinge	661HD UL EPT PREP	AL	ST
1	Exit Device	9600BB LD MLR MS	630	DM
1	Exit Device	9600BB x ZO03 LD MLR MS	630	DM
2	Rim Cylinder	AS REQUIRED	626	**ME**
2	Mortise Cylinder	AS REQUIRED	626	**ME**
2	Door Pull	1191-4J	630	TR
1	ADA Operator	ED 900 SERIES (PUSH SIDE MOUNT)	689	DM
1	Closer	8916 SPA	689	DM
2	Overhead Stop	CONCEALED HEAVY DUTY 910 S SERIES	689	DM
1	Power Supply	PS532RF		DM
1	FOB Reader	SPECIFIED/PROVIDED BY SECURITY VENDOR		
2	Door Contact	SPECIFIED/PROVIDED BY SECURITY VENDOR		
2	Wire Harness	WH-6		ST
2	Power Transfer	ES105		DM
2	Wall Switch	WS 1 SQ4	630	DM
1	Wiring Diagram	ELEVATION & POINT TO POINT		
2	Door Sweep	C627 A (DOOR WIDTH)		NA
1	Seals	INTEGRAL TO DOOR/FRAME ASSEMBLY		
1	Threshold	896 V (OPENING WIDTH - PAIR)	AL	NA

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26 & 28.
OPERATIONAL DESCRIPTION:
IMMEDIATE EGRESS ALWAYS ALLOWED. DOORS CAN BE MANUALLY OR ONE LEAF AUTOMATICALLY OPERATED. ACCESS CONTROL SYSTEM TO RETRACT AND HOLD EXIT DEVICE LATCHBOLTS AND ENABLE EXTERIOR AUTOMATIC OPERATOR ACTUATOR. DOORS CAN BE MANUALLY PULLED OPEN OR ONE LEAF AUTOMATICALLY OPERATED. INTERIOR ACTUATOR TO SIGNAL AUTOMATIC OPERATOR TO OPEN ONE LEAF. LOCATE ACTUATORS AS DIRECTED BY ARCHITECT.
SECURE OPERATION:
ACCESS CONTROL SYSTEM TO RELEASE EXIT DEVICE LATCHBOLTS AND TAKE CONTROL OF EXTERIOR ACTUATOR TO CONTROL ENTRY. IMMEDIATE EGRESS ALWAYS ALLOWED. AUTOMATIC OPERATION OF ONE LEAF BY PUSHING INTERIOR ACTUATOR. ACCESS BY KEY OR BY FOB READER. FOB READER WILL RETRACT EXIT DEVICE LATCHBOLTS AND ALLOW ACCESS, AND TEMPORARILY ENABLE EXTERIOR ACTUATOR TO ALLOW AUTOMATIC OPERATION OF ONE

LEAF. REQUEST TO EXITS AND DOOR CONTACTS TO BE CONNECTED TO BUILDING'S SECURITY SYSTEM.

SET #02 - EXISTING DOOR AND FRAME- NEW MAG. HOLDER

1	Magnetic Holder	2100 (EXTENSIONS AS REQUIRED)	S1	AB

NOTE: **BALANCE OF HARDWARE EXISTING TO REMAIN**
ALL WIRING AND CONNECTIONS BY DIVISION 26.
OPERATIONAL DESCRIPTION:
DOOR NORMALLY HELD OPEN BY MAGNETIC HOLDER. MAGNETIC HOLDER TO BE CONNECTED TO BUILDING'S FIRE/SMOKE ALARM SYSTEM TO RELEASE IMMEDIATELY UPON ACTIVATION.

SET #03 - ALUM. VESTIBULE SINGLE - AUTO OPERATOR

1	Continuous Hinge	661HD UL	AL	ST
1	Push/Pull Set	1747-1 (DOOR WIDTH LESS 3")	630	TR
1	ADA Operator	ED 900 SERIES (PUSH SIDE MOUNT)	689	DM
1	Overhead Stop	CONCEALED HEAVY DUTY 910 S SERIES	689	DM
2	Wall Switch	WS 1 SQ4	630	DM
1	Wiring Diagram	ELEVATION & POINT TO POINT		
1	Seals	INTEGRAL TO DOOR/FRAME ASSEMBLY		
1	Threshold	896 V (OPENING WIDTH - SINGLE)	AL	NA

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26.
OPERATIONAL DESCRIPTION:
IMMEDIATE EGRESS ALWAYS ALLOWED. DOOR CAN BE MANUALLY OR AUTOMATICALLY OPERATED. AUTOMATIC OPERATION BY PUSHING ACTUATORS. LOCATE ACTUATORS AS DIRECTED BY ARCHITECT.

SET #04 - EXTERIOR ALUM. SINGLE – FOB READER/AUTO OPERATOR

1	Continuous Hinge	661HD UL EPT PREP	AL	ST
1	Exit Device	9700BB x ZO03 LD MLR MS	630	DM
1	Rim Cylinder	AS REQUIRED	626	**ME**
1	Mortise Cylinder	AS REQUIRED	626	**ME**
1	Door Pull	1191-4J	630	TR
1	ADA Operator	ED 900 SERIES (PUSH SIDE MOUNT)	689	DM
1	Overhead Stop	CONCEALED HEAVY DUTY 910 S SERIES	689	DM
1	Door Contact	SPECIFIED/PROVIDED BY SECURITY VENDOR		
1	Wire Harness	WH-6		ST
1	Power Transfer	ES105		DM
1	Power Supply	PS610RF		DM
2	Wall Switch	WS 1 SQ4	630	DM
1	Wiring Diagram	ELEVATION & POINT TO POINT		
1	Key Switch	KS5 SERIES - L1	628	DM
1	Door Sweep	C627 A (DOOR WIDTH)		NA
1	Seals	INTEGRAL TO DOOR/FRAME ASSEMBLY		
1	Threshold	896 V (OPENING WIDTH - SINGLE)	AL	NA

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26 & 28.
OPERATIONAL DESCRIPTION:

IMMEDIATE EGRESS ALWAYS ALLOWED. DOOR CAN BE MANUALLY OR AUTOMATICALLY OPERATED. KEY SWITCH TO RETRACT AND HOLD EXIT DEVICE LATCHBOLT AND ENABLE EXTERIOR AUTOMATIC OPERATOR ACTUATOR. DOOR CAN BE MANUALLY PULLED OPEN OR AUTOMATICALLY OPERATED BY PUSHING ACTUATOR. INTERIOR ACTUATOR TO SIGNAL AUTOMATIC OPERATOR TO OPEN DOOR. LED ON KEY SWITCH TO SHOW "GREEN" WHEN EXIT DEVICE LATCHBOLT ARE RETRACTED AND EXTERIOR ACTUATOR IS ENABLED AND SHOW "RED" WHEN EXIT DEVICE LATCHBOLT ARE RELEASED AND EXTERIOR ACTUATOR IS DISABLED. LOCATE KEY SWITCH AND ACTUATORS AS DIRECTED BY ARCHITECT.
SECURE OPERATION:
KEY SWITCH TO RELEASE EXIT DEVICE LATCHBOLT AND DISABLE EXTERIOR ACTUATOR TO CONTROL ENTRY. IMMEDIATE EGRESS ALWAYS ALLOWED. AUTOMATIC OPERATION BY PUSHING INTERIOR ACTUATOR WHICH WILL OPEN DOOR. ACCESS BY KEY. REQUEST TO EXIT AND DOOR CONTACT TO BE CONNECTED TO BUILDING'S SECURITY SYSTEM.

SET #05 - SINGLE AT HEALTH OFFICE - STC ASSEMBLY

1	Office Lock	M9050T LCA	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Closer	8916 SPA	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR

NOTE: **TEMPLATE CLOSER FOR 180 DEGREE OPENING. HANGING DEVICES AND ACOUSTIC SEALING SYSTEM TO BE PROVIDED AS PART OF STC DOOR/FRAME ASSEMBLY**

SET #06 - SINGLE AT HEALTH OFFICE TOILET

3	Hinges	CB179 NRP SERIES AS SPECIFIED	US26D	ST
1	Privacy Set	M9040 LCA	626	DM
1	Closer	8916 S-DS	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
3	Door Silencers	1229A	GREY	TR

SET #07 - SINGLE WITH FOB READER - INSWING

2	Hinges	CB179 SERIES AS SPECIFIED	US26D	ST
1	Electric Hinge	CECB179-18 SERIES AS SPECIFIED	US26D	ST
1	Electric Lock - Fail Secure	M9080T EU LCA RX	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Closer	8916 AF89	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
1	FOB Reader	SPECIFIED/PROVIDED BY SECURITY VENDOR		
1	Door Contact	SPECIFIED/PROVIDED BY SECURITY VENDOR		
1	Wire Harness	WH-6		ST
1	Power Supply	PS610RF		DM
1	Wiring Diagram	ELEVATION & POINT TO POINT		
3	Door Silencers	1229A	GREY	TR

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26 & 28.
OPERATIONAL DESCRIPTION:
IMMEDIATE EGRESS ALWAYS ALLOWED. ACCESS BY KEY OR BY FOB READER. FOB READER WILL UNLOCK LOCKSET AND ALLOW ACCESS. REQUEST TO EXIT AND DOOR CONTACT TO BE CONNECTED TO BUILDING'S SECURITY SYSTEM.

SET #08 - SINGLE WITH FOB READER/MAG. HOLDER

2	Hinges	CB179 SERIES AS SPECIFIED	US26D	ST

1	Electric Hinge	CECB179-18 SERIES AS SPECIFIED	US26D	ST
1	Electric Lock - Fail Secure	M9080T EU LCA RX	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Magnetic Holder	2100	S1	AB
1	Closer	8916 AF89	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
1	FOB Reader	SPECIFIED/PROVIDED BY SECURITY VENDOR		
1	Door Contact	SPECIFIED/PROVIDED BY SECURITY VENDOR		
1	Wire Harness	WH-6		ST
1	Power Supply	PS610RF		DM
1	Wiring Diagram	ELEVATION & POINT TO POINT		
3	Door Silencers	1229A	GREY	TR

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26 & 28.
OPERATIONAL DESCRIPTION: DOOR NORMALLY HELD OPEN BY MAGNETIC HOLDER. MAGNETIC HOLDER TO BE CONNECTED TO BUILDING'S FIRE/SMOKE ALARM SYSTEM TO RELEASE IMMEDIATELY UPON ACTIVATION.
SECURE OPERATION:
IMMEDIATE EGRESS ALWAYS ALLOWED. ACCESS BY KEY OR BY FOB READER. FOB READER WILL UNLOCK LOCKSET AND ALLOW ACCESS. REQUEST TO EXIT AND DOOR CONTACT TO BE CONNECTED TO BUILDING'S SECURITY SYSTEM.

SET #09 - SINGLE AT HEALTH OFFICE - STC ASSEMBLY

1	Office Lock	M9050T LCA	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Door Stop	1211/1270CV AS REQUIRED	626	TR

NOTE: **HANGING DEVICES AND ACOUSTIC SEALING SYSTEM TO BE PROVIDED AS PART OF STC DOOR/FRAME ASSEMBLY**

SET #10 - PAIR WITH CLASSROOM LOCK AT STORAGE

6	Hinges	CB179 NRP SERIES AS SPECIFIED	US26D	ST
2	Flush Bolt	3917-12	626	TR
1	Classroom Lock	M9070T LCA 5006-078	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
2	Overhead Stop	SURFACE MEDIUM DUTY 700 S SERIES	689	DM
2	Door Silencers	1229A	GREY	TR

SET #11 - SINGLE WITH PASSAGE SET AT RESTROOM

3	Hinges	CB179 SERIES AS SPECIFIED	US26D	ST
1	Passage Set	M9010 LCA	626	DM
1	Closer	8916 AF89	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Mop Plate	KM050 4" X 1" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
3	Door Silencers	1229A	GREY	TR

SET #12 - SINGLE AT MULTI-PURPOSE - FIRE EXIT HDW.

3	Hinges	CB168 NRP SERIES AS SPECIFIED	US26D	ST
1	Exit Device	F9300B x YC08	630	DM
1	Mortise Cylinder	AS REQUIRED	626	**ME**
1	Closer	8916 SPA	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR

1	Door Stop	1211/1270CV AS REQUIRED	626	TR
1	Smoke Seal	5020 CL (HEADER ONLY)		NA
2	Smoke Seal	5020 CL (JAMBS ONLY)		NA

SET #13 - EXTERIOR ALUM. PAIR - AUTO OPERATOR

2	Continuous Hinge	661HD UL EPT PREP	AL	ST
1	Exit Device	9600BB LD MLR MS	630	DM
1	Exit Device	9600BB x ZO03 LD MLR MS	630	DM
2	Rim Cylinder	AS REQUIRED	626	**ME**
3	Mortise Cylinder	AS REQUIRED	626	**ME**
2	Door Pull	1191-4J	630	TR
1	ADA Operator	ED 900 SERIES (PUSH SIDE MOUNT)	689	DM
1	Closer	8916 SPA	689	DM
2	Overhead Stop	CONCEALED HEAVY DUTY 910 S SERIES	689	DM
1	Power Supply	PS532RF	DM	
2	Door Contact	SPECIFIED/PROVIDED BY SECURITY VENDOR		
2	Wire Harness	WH-6		ST
2	Power Transfer	ES105		DM
2	Wall Switch	WS 1 SQ4	630	DM
1	Wiring Diagram	ELEVATION & POINT TO POINT		
1	Key Switch	KS5 SERIES - L1	628	DM
2	Door Sweep	C627 A (DOOR WIDTH)		NA
1	Seals	INTEGRAL TO DOOR/FRAME ASSEMBLY		
1	Threshold	896 V (OPENING WIDTH - PAIR)	AL	NA

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26 & 28.
OPERATIONAL DESCRIPTION:
IMMEDIATE EGRESS ALWAYS ALLOWED. DOORS CAN BE MANUALLY OR AUTOMATICALLY OPERATED. KEY SWITCH TO RETRACT AND HOLD EXIT DEVICE LATCHBOLTS AND ENABLE EXTERIOR AUTOMATIC OPERATOR ACTUATOR. DOORS CAN BE MANUALLY PULLED OPEN OR ONE LEAF AUTOMATICALLY OPERATED BY PUSHING ACTUATOR. INTERIOR ACTUATOR TO SIGNAL AUTOMATIC OPERATOR TO OPEN ONE DOOR. LED ON KEY SWITCH TO SHOW "GREEN" WHEN EXIT DEVICE LATCHBOLTS ARE RETRACTED AND EXTERIOR ACTUATOR IS ENABLED AND SHOW "RED" WHEN EXIT DEVICE LATCHBOLTS ARE RELEASED AND EXTERIOR ACTUATOR IS DISABLED. LOCATE KEY SWITCH AND ACTUATORS AS DIRECTED BY ARCHITECT.
SECURE OPERATION:
KEY SWITCH TO RELEASE EXIT DEVICE LATCHBOLTS AND DISABLE EXTERIOR ACTUATOR TO CONTROL ENTRY. IMMEDIATE EGRESS ALWAYS ALLOWED. AUTOMATIC OPERATION BY PUSHING INTERIOR ACTUATOR WHICH WILL OPEN ONE DOOR. ACCESS BY KEY. REQUEST TO EXIT AND DOOR CONTACTS TO BE CONNECTED TO BUILDING'S SECURITY SYSTEM.

SET #14 - EXTERIOR SINGLE WITH FOB ACCESS

1	Continuous Hinge	661HD UL EPT PREP	AL	ST
1	Exit Device	9300B x YC08 LD MLR MS	630	DM
1	Mortise Cylinder	AS REQUIRED	626	**ME**
1	Closer	8916 SPA	689	DM
1	Overhead Stop	CONCEALED HEAVY DUTY 910 S SERIES	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	FOB Reader	SPECIFIED/PROVIDED BY SECURITY VENDOR		
1	Door Contact	SPECIFIED/PROVIDED BY SECURITY VENDOR		
1	Wire Harness	WH-6		ST
1	Power Transfer	ES105		DM
1	Power Supply	PS610RF		DM
1	Wiring Diagram	ELEVATION & POINT TO POINT		

1	Door Sweep	C627 A (DOOR WIDTH)		NA
1	Perimeter Seal	706 E (HEAD & JAMBS - SINGLE)		NA
1	Drip Cap	16 A - 4" ODW		NA
1	Threshold	896 V (OPENING WIDTH - SINGLE)	AL	NA

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26 & 28.
OPERATIONAL DESCRIPTION:
IMMEDIATE EGRESS ALWAYS ALLOWED. ACCESS BY KEY OR BY FOB READER. FOB READER WILL RETRACT EXIT DEVICE LATCHBOLT AND ALLOW ACCESS. REQUEST TO EXIT AND DOOR CONTACT TO BE CONNECTED TO BUILDING'S SECURITY SYSTEM.

SET #15 - PAIR WITH STOREROOM LOCK - OUTSWING

6	Hinges	CB179 NRP SERIES AS SPECIFIED	US26D	ST
2	Flush Bolt	3917-12	626	TR
1	Storeroom Lock	M9080T LCA 5006-078	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Closer	8916 DS	689	DM
1	Overhead Stop	SURFACE MEDIUM DUTY 700 S SERIES	689	DM
2	Kick Plate	K0050 8" X 1" LDW B4E-HEAVY-KP CSK	630	TR
2	Door Silencers	1229A	GREY	TR

SET #16 - SINGLE WITH CLASSROOM LOCK - INSWING

3	Hinges	CB179 SERIES AS SPECIFIED	US26D	ST
1	Classroom Lock	M9070T LCA	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Closer	8916 AF89	689	DM
1	Overhead Stop	CONCEALED MEDIUM DUTY 710 S SERIES	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Backplate	BP89	689	DM
3	Door Silencers	1229A	GREY	TR

SET #17 - SINGLE WITH PRIVACY SET - OUTSWING

3	Hinges	CB179 NRP SERIES AS SPECIFIED	US26D	ST
1	Privacy Set	M9040 LCA	626	DM
1	Closer	8916 SPA	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
3	Door Silencers	1229A	GREY	TR

SET #18 - SINGLE WITH CLASSROOM LOCK

3	Hinges	CB179 NRP SERIES AS SPECIFIED	US26D	ST
1	Classroom Lock	M9070T LCA	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
3	Door Silencers	1229A	GREY	TR

SET #19 - EXTERIOR ALUM. SINGLE - FOB READER

1	Continuous Hinge	661HD UL EPT PREP	AL	ST
1	Exit Device	9700BB x ZO03 LD MLR MS	630	DM
1	Rim Cylinder	AS REQUIRED	626	**ME**
1	Door Pull	1191-4J	630	TR
1	Closer	8916 SPA	689	DM
1	Overhead Stop	CONCEALED HEAVY DUTY 910 S SERIES	689	DM
1	FOB Reader	SPECIFIED/PROVIDED BY SECURITY VENDOR		
1	Door Contact	SPECIFIED/PROVIDED BY SECURITY VENDOR		

1	Wire Harness	WH-6		ST
1	Power Transfer	ES105		DM
1	Power Supply	PS610RF		DM
1	Wiring Diagram	ELEVATION & POINT TO POINT		
1	Door Sweep	C627 A (DOOR WIDTH)		NA
1	Seals	INTEGRAL TO DOOR/FRAME ASSEMBLY		
1	Threshold	896 V (OPENING WIDTH - SINGLE)	AL	NA

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26 & 28.
OPERATIONAL DESCRIPTION:
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SET #20 - SINGLE WITH STOREROOM LOCK - INSWING

3	Hinges	CB179 SERIES AS SPECIFIED	US26D	ST
1	Storeroom Lock	M9080T LCA	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Closer	8916 AF89	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
3	Door Silencers	1229A	GREY	TR

SET #21 - SINGLE WITH CLASSROOM LOCK - OUTSWING

3	Hinges	CB179 NRP SERIES AS SPECIFIED	US26D	ST
1	Classroom Lock	M9070T LCA	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Closer	8916 SPA	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
3	Door Silencers	1229A	GREY	TR

NOTE: **TEMPLATE CLOSER FOR 180 DEGREE OPENING**

SET #22 - BARN DOOR PAIR AT COAT CLOSET

2	Sliding Door Hardware Kit	SLSS2-6-SC 78 3/4	NA	
2	Cabinet Pull	571-6	630	TR

SET #23 - PAIR WITH STOREROOM LOCK - OUTSWING

6	Hinges	CB179 NRP SERIES AS SPECIFIED	US26D	ST
2	Flush Bolt	3917-12	626	TR
1	Storeroom Lock	M9080T LCA 5006-078	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
2	Kick Plate	K0050 8" X 1" LDW B4E-HEAVY-KP CSK	630	TR
2	Door Stop	1211/1270CV AS REQUIRED	626	TR
2	Door Silencers	1229A	GREY	TR

SET #24 - PAIR WITH CLASSROOM LOCK - FITNESS

6	Hinges	CB179 SERIES AS SPECIFIED	US26D	ST
1	Set Auto Flush Bolts	3820 X 3810	626	TR
1	Classroom Lock	M9070T LCA 5006-078	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Coordinator	3094B2	BLACK	TR
2	Closer	8916 AF89	689	DM

2	Overhead Stop	CONCEALED MEDIUM DUTY 710 S SERIES	689	DM
2	Backplate	BP89	689	DM
1	Seals	INTEGRAL TO DOOR/FRAME ASSEMBLY		

SET #25 - SINGLE WITH CLASSROOM LOCK - INSWING

3	Hinges	CB179 SERIES AS SPECIFIED	US26D	ST
1	Classroom Lock	M9070T LCA	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Closer	8916 AF89	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
3	Door Silencers	1229A	GREY	TR

SET #26 - ALUMINUM PAIR - FOB READER/AUTO OPER.

2	Continuous Hinge	661HD UL EPT PREP	AL	ST
1	Exit Device	9600BB LD MLR MS	630	DM
1	Exit Device	9600BB x ZO03 LD MLR MS	630	DM
2	Rim Cylinder	AS REQUIRED	626	**ME**
2	Mortise Cylinder	AS REQUIRED	626	**ME**
2	Door Pull	1191-4J	630	TR
2	Closer	8916 SPA	689	DM
2	Overhead Stop	CONCEALED HEAVY DUTY 910 S SERIES	689	DM
1	Power Supply	PS532RF		DM
1	FOB Reader	SPECIFIED/PROVIDED BY SECURITY VENDOR		
2	Door Contact	SPECIFIED/PROVIDED BY SECURITY VENDOR		
2	Wire Harness	WH-6		ST
2	Power Transfer	ES105		DM
1	Wiring Diagram	ELEVATION & POINT TO POINT		
2	Door Sweep	C627 A (DOOR WIDTH)		NA
1	Seals	INTEGRAL TO DOOR/FRAME ASSEMBLY		
1	Threshold	896 V (OPENING WIDTH - PAIR)	AL	NA

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26 & 28.
OPERATIONAL DESCRIPTION:
IMMEDIATE EGRESS ALWAYS ALLOWED. ACCESS BY KEY OR BY FOB READER. FOB READER WILL RETRACT EXIT DEVICE LATCHBOLTS AND ALLOW ACCESS. REQUEST TO EXITS AND DOOR CONTACTS TO BE CONNECTED TO BUILDING'S SECURITY SYSTEM.

SET #27 - SINGLE WITH PRIVACY SET - INSWING

3	Hinges	CB179 SERIES AS SPECIFIED	US26D	ST
1	Privacy Set	M9040 LCA	626	DM
1	Closer	8916 AF89	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
3	Door Silencers	1229A	GREY	TR

SET #28 - SINGLE WITH CLASSROOM LOCK - OUTSWING

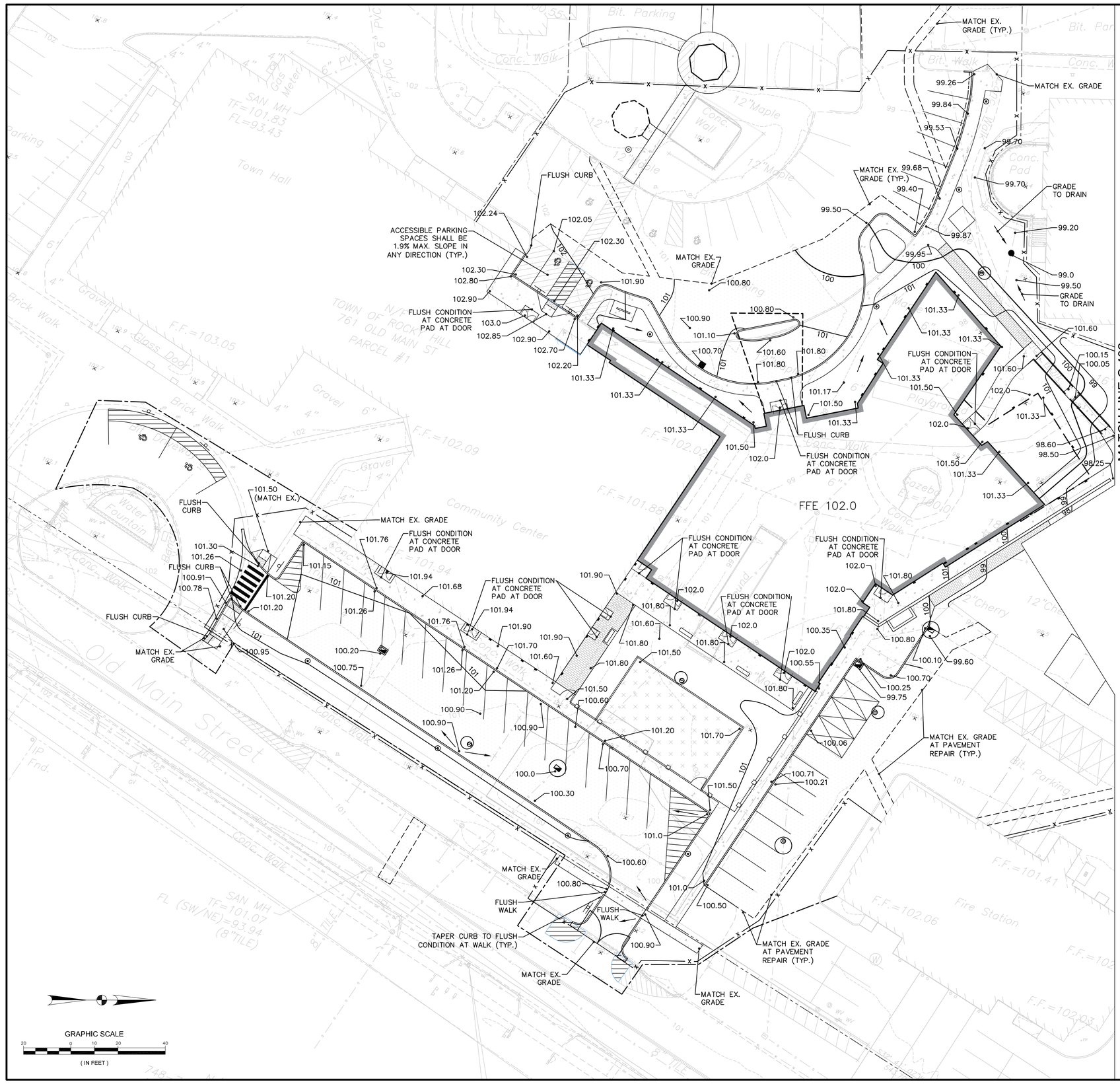
3	Hinges	CB179 NRP SERIES AS SPECIFIED	US26D	ST
1	Classroom Lock	M9070T LCA	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Closer	8916 DS	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
3	Door Silencers	1229A	GREY	TR

SET #29 – LIFT DOOR

3	Hinges	CB179 NRP SERIES AS SPECIFIED	US26D	ST
1	Storeroom Lock	M9080T LCA	626	DM
1	Cormax Core	AS REQUIRED	626	**ME**
1	Electric Strike	BES-F2164 Fail Secure		
1	Closer	8916 AF89	689	DM
1	Kick Plate	K0050 8" X 2" LDW B4E-HEAVY-KP CSK	630	TR
1	Door Stop	1211/1270CV AS REQUIRED	626	TR
3	Door Silencers	1229A	GREY	TR
1	Power Supply	By Lift System		
1	Door Contact	By Lift System		

NOTE: ALL WIRING AND CONNECTIONS BY DIVISION 26 & 28.
OPERATIONAL DESCRIPTION:
IMMEDIATE EGRESS ALWAYS ALLOWED. ACCESS BY KEY OR LIFT SYSTEM WILL UNLOCK WHEN APPROPRIATE. UPON POWER FAILURE ACCESS ONLY BY KEY.

END OF SECTION 087100



LEGEND

EXISTING		PROPOSED
	PROPERTY LINE	
	EDGE OF PAVEMENT	
	CURB	
246	CONTOUR	246
x 99.2	SPOT GRADE	246.50
	TREE	
	MANHOLE	
	CATCH BASIN	
	YARD DRAIN	
	STORM SEWER	
	SANITARY SEWER	
	GAS LINE	
	WATER LINE	

GRADING AND UTILITY NOTES

1. CONTRACTOR TO VERIFY CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. CONTRACTOR TO INSTALL SEDIMENT AND EROSION CONTROLS PRIOR TO THE START OF CONSTRUCTION.
3. ALL EXISTING UTILITY FRAMES, VALVE COVERS, MANHOLES ETC. SHALL BE ADJUSTED TO MEET PROPOSED GRADES AS REQUIRED.
4. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLAN SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
5. ANY DAMAGE TO EXISTING UTILITIES WHICH OCCURS DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR UNDER THE DIRECTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
6. THE CONTRACTOR IS RESPONSIBLE FOR ANY DEWATERING REQUIRED FOR CONSTRUCTION.
7. CONCRETE LANDINGS SHALL HAVE A MAXIMUM SLOPE OF 1.9% IN ANY DIRECTION. CONCRETE RAMPS SHALL A MAXIMUM LONGITUDINAL SLOPE OF 8.1% AND A MAXIMUM CROSS SLOPE OF 1.9%.
8. THE LONGITUDINAL SLOPE OF THE ACCESSIBLE ROUTE SHALL NOT EXCEED 4.9% EXCEPT AS NOTED FOR RAMPS AND LANDINGS AND SHALL NOT EXCEED 1.9% CROSS SLOPE. VERTICAL CHANGES IN LEVELS SHALL NOT EXCEED 1/4" ALONG ENTIRE ACCESSIBLE ROUTE.

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Farmington, CT 06032
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DTC
2321 Whitney Avenue - Hamden Center II - Hamden CT 06518
Ph: 203 234 4200 Fax: 203 234 7379
www.lawndtc.com

PROJECT DESCRIPTION:

Rocky Hill Senior / Community Center

ROCKY HILL, CT

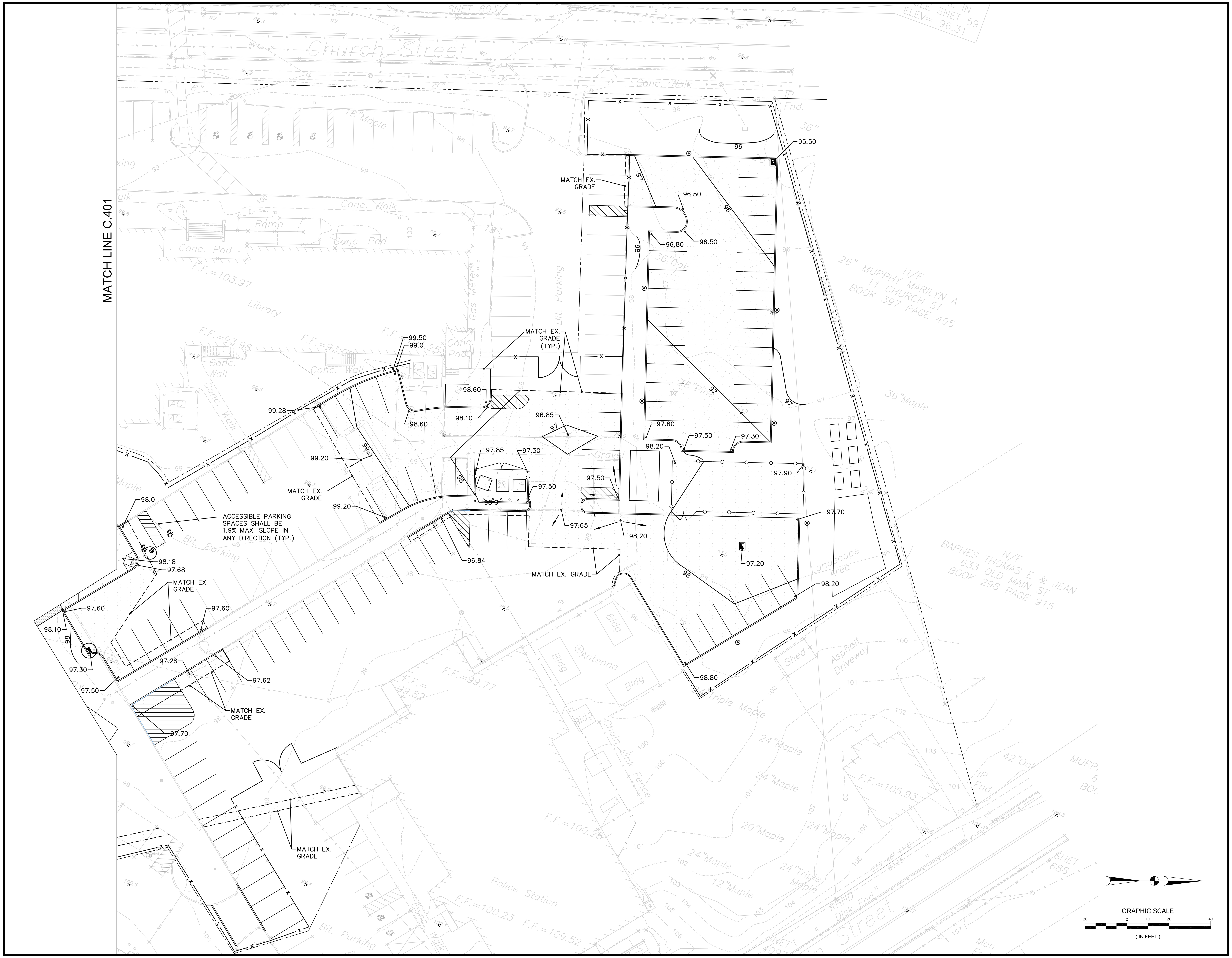
Project #: 1934

GRADING PLAN

Revisions

Issue Dates: BID REVIEW APRIL 13, 2020

C.401



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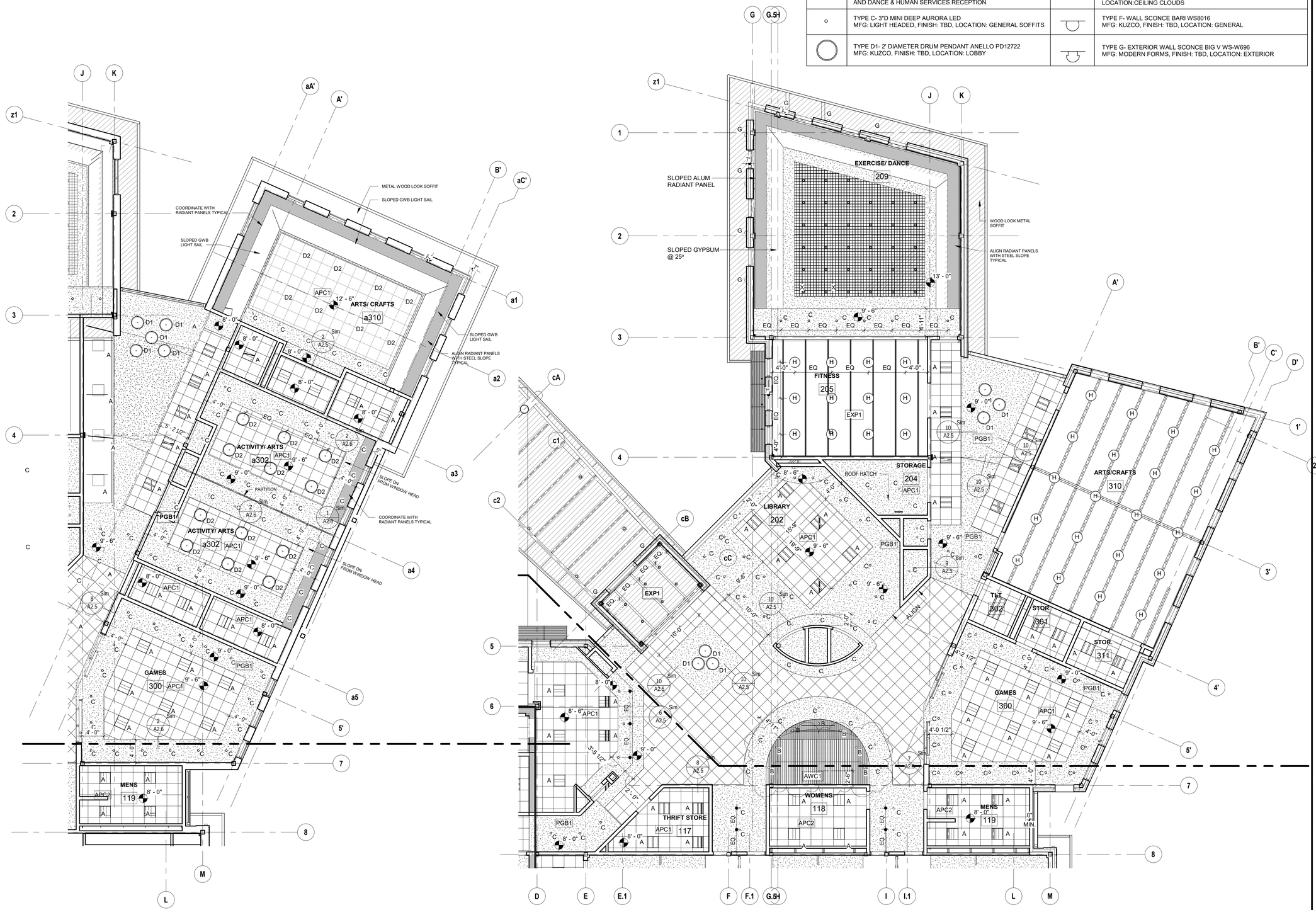
C.402

RCP LEGEND

	TYPE A- 2'X2' VSY22 ARCHITECTURAL EDGE- LIT MFG: COLUMBIA, FINISH: TBD, LOCATION: GENERAL		TYPE D2- 32" DIAMETER DRUM PENDANT ANELLO PD12732 MFG: KUZCO, FINISH: TBD, LOCATION: MULTIPURPOSE ROOMS AND ARTS & CRAFTS ROOMS
	TYPE B- 4"D X 10"H PENDANT CAMEO 401432-LED MFG: KUZCO, FINISH: TBD, LOCATION: COFFEE BAR, EXERCISE AND DANCE & HUMAN SERVICES RECEPTION		TYPE E- SERPENTINE LINEAR LED ACCENT LIGHTING C3S MFG: TEMPO ARCHITECTURAL, FINISH: TBD, LOCATION:CEILING CLOUDS
	TYPE C- 3"D MINI DEEP AURORA LED MFG: LIGHT HEADED, FINISH: TBD, LOCATION: GENERAL SOFFITS		TYPE F- WALL SCONCE BARI WS8016 MFG: KUZCO, FINISH: TBD, LOCATION: GENERAL
	TYPE D1- 2' DIAMETER DRUM PENDANT ANELLO PD12722 MFG: KUZCO, FINISH: TBD, LOCATION: LOBBY		TYPE G- EXTERIOR WALL SCONCE BIG V WS-W696 MFG: MODERN FORMS, FINISH: TBD, LOCATION: EXTERIOR



2 A2.1B **REFLECTED CEILING PLAN- PART B ADD ALT**
1/8" = 1'-0"

1 A2.1B **REFLECTED CEILING PLAN- PART B**
1/8" = 1'-0"

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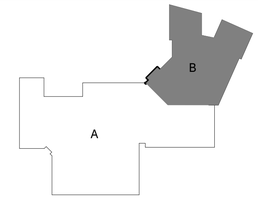

NEW BUILDING FOR:

Rocky Hill Senior Community Center

ROCKY HILL, CT
Project #: **1934**

ADDENDA 3	APRIL 16, 2020
Revisions	
Issue Dates:	

CONSTRUCTION DOCUMENT SET
MARCH 23, 2020

REFLECTED CEILING PLAN- PART B

A2.1B

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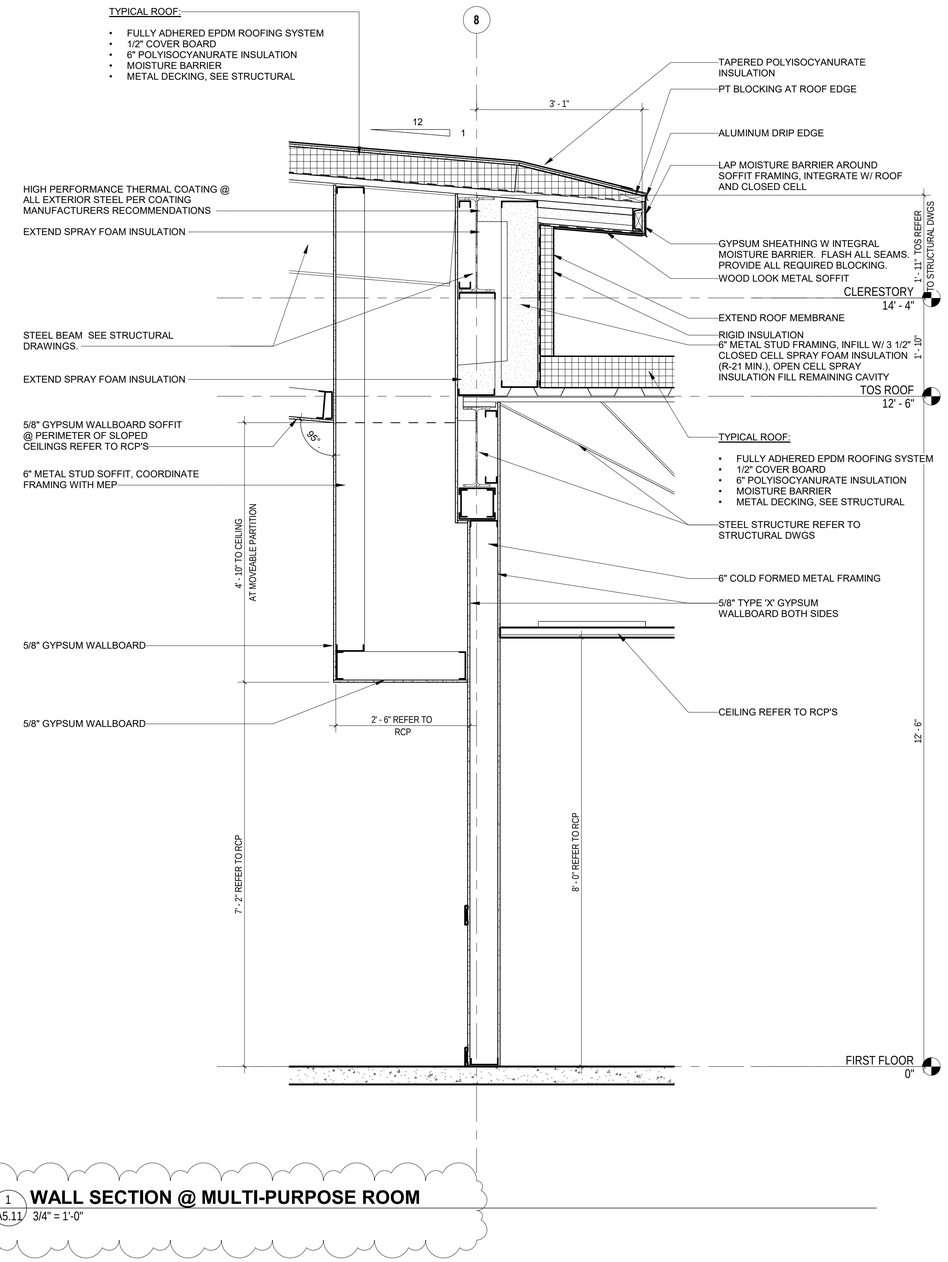

1 A5.11 **WALL SECTION @ MULTI-PURPOSE ROOM**
3/4" = 1'-0"

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Farmington, CT 06032
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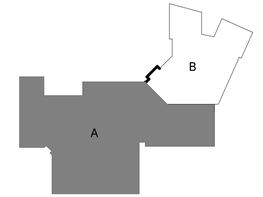

NEW BUILDING FOR:

Rocky Hill Senior Community Center

ROCKY HILL, CT
Project #: **1934**

ADDENDA 3	APRIL 16, 2020

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WALLSECTIONS

A5.11