ROCKFORD BOARD OF EDUCATION
INVITATION FOR BID ON SUPPLIES, MATERIALS, EQUIPMENT OR SERVICES FOR SCHOOL DISTRICT NO. 205 ROCKFORD, ILLINOIS

IFB No. **17-40 Rockford Public School District 205 School B, Zone 1**

DATE: **June 15, 2017**

RE: **ADDENDUM NO. 8**

To All Bidders:

Attached are modifications, clarifications and/or corrections for the Project Manual and are hereby made a part of the contract documents. Please attach this addendum to the Project Manual(s) in your possession. Please note the receipt of this addendum on the bid form. Bidders shall review changes to all portions of this work as changes to one portion may affect the work of another.

If you plan to hand deliver your IFB submission on the due date, please note you must check in on the 3rd floor prior to coming to the bid opening. Please allow time for this as late submission will not be accepted.

Refer all questions relative to the business aspect, Instructions to Bidders, Special Conditions, and questions concerning the technical aspect of the documents to the Purchasing Department by email to Rickey Sparks at rickey.sparks@rps205.com Director of Purchasing.

CANNONDESIGN

ADDENDUM NO. 8

Date of Addendum: June 15, 2017
Original Date of Contract Documents: Issued for Bid: March 01, 2017

Owner:	**Architects and Engineers**
Rockford Public School District 205 School B, Zone 1 Rockford, IL Cannon Project No. 005005.00	Cannon Design 225 N. Michigan Ave, Suite 1100 Chicago, Illinois 60601

This Addendum amends Drawings and/or Specifications and/or Addenda for the above titled project, as indicated below, and is hereby incorporated into the Contract Documents as part thereof.

Bidders are required to acknowledge receipt of this Addendum in the space provided on the Proposal/Bid Form.

NARRATIVES –

SPECIFICATIONS (PROJECT MANUAL):

1. 003133 – INFORMATION AVAILABLE TO BIDDERS

   A. Page 003133-1, Article 1.1, Paragraph A, Insert Sub-paragraph 3. to read as follows:

   "3. Site Availability Map"

DRAWINGS:

Volume 1:

1. C18 - KISHWAUKEE STREET CORRIDOR PLAN STA. 101+00 - 107+50

   A. Add the following general information to this sheet:

   "Per IDOT comments received on the plans, the contractor will include the following work in his bid:

   1. Include curb and gutter replacement along the entire frontage of the work zone. This will add approximately 310' of curb and gutter/pavement patching work along the east side frontage.

   2. Include adjustment of 4 inlet structures with new frames and grates along Kishwaukee frontage of work zone.

   3. Include a total of 4 sidewalk connections from new rec path to back of curb to allow pedestrians to cross on north and south sides of 6th Avenue and 7th Avenue and be able to access sidewalk if they cross. These connections will each add 75 sq feet of sidewalk and 10 sq feet of ADA plates. No striping is required. These crossings are not designated crossing locations and are only added here so that a wheelchair bound person is not trapped in the street if they choose to make the crossing from the east side."

2. C19 - KISHWAUKEE STREET CORRIDOR PLAN STA. 107+50 - 112+50

   A. Add the following general information to this sheet:

   "Per IDOT comments received on the plans, the contractor will include the following work in his bid:

   1. Include curb and gutter replacement along the entire frontage of the work zone. This will add approximately 310' of curb and gutter/pavement patching work along the east side frontage.

   2. Include adjustment of 4 inlet structures with new frames and grates along Kishwaukee frontage of work zone.

   3. Include a total of 4 sidewalk connections from new rec path to back of curb to allow pedestrians to cross on north and south sides of 6th Avenue and 7th Avenue and be able to access sidewalk if they cross. These connections will each add 75 sq feet of sidewalk and 10 sq feet of ADA plates. No striping is required. These crossings are not designated crossing locations and are only added here so that a wheelchair bound person is not trapped in the street if they choose to make the crossing from the east side."

ATTACHMENTS –

1. Bidding RFI Report

Specifications:

1. 003133.3 – SITE AVAILABILITY MAP

   A. Section 003133.3 is a new section and being issued as an attachment to this Addendum.

2. 087100 – DOOR HARDWARE SCHEDULE

   A. Section 087100 is a revised section and being re-issued as an attachment to this Addendum.

Drawings:

Volume 1:

1. S0301 – TYPICAL FOUNDATION DETAILS

   A. Drawing S0301 is being issued as an attachment to this Addendum to provide alternate details that the contractor may use at its option, in lieu of frost protection, to accommodate winter conditions and construction schedule.

Volume 2:

1. A0101A – LEVEL 01 PLAN – AREA A

   A. Drawing A0101A is being issued as an attachment to this Addendum.

2. A0313 – CLERESTORY ELEVATIONS

   A. Drawing A0313 is being issued as an attachment to this Addendum.

3. A0314 – BRICK COURSING – KINDERGARTEN ELEVATION

   A. Drawing A0314 is being issued as an attachment to this Addendum.

4. A0450 – EXTERIOR SECTION DETAILS

   A. Drawing A0450 is being issued as an attachment to this Addendum.

5. A0609 – INTERIOR ELEVATIONS - GYMNASIUM

   A. Drawing A0609 is being issued as an attachment to this Addendum.

6. A01006 – DOORS & BORROWED LIGHTS SCHEDULE

   A. Drawing A01006 is being issued as an attachment to this Addendum.

Volume 3:

1. E0201A – LEVEL 01 POWER AND SYSTEMS PLAN – AREA A

   A. Drawing E0201A is being issued as an attachment to this Addendum.

2. E0201B – LEVEL 01 POWER AND SYSTEMS PLAN – AREA B

   A. Drawing E0201B is being issued as an attachment to this Addendum.

3. E0201C – LEVEL 01 POWER AND SYSTEMS PLAN – AREA C

   A. Drawing E0201C is being issued as an attachment to this Addendum.

4. E0201D – LEVEL 01 POWER AND SYSTEMS PLAN – AREA D

   A. Drawing E0201D is being issued as an attachment to this Addendum.

5. E0402 – ENLARGED PLANS

   A. Drawing E0402 is being issued as an attachment to this Addendum.

END OF ADDENDUM NO. 8

Bidding RFI Report

PROJECT: 5005.00 Rockford 205 - School B, Zone 1, Rockford, IL
ADDENDUM 01: 4/21/2017
ADDENDUM 02: 4/26/2017
ADDENDUM 03: 5/4/2017
ADDENDUM 04: 5/11/2017
ADDENDUM 05: 5/22/2017
ADDENDUM 06: 6/1/2017
ADDENDUM 07: 6/6/2017
ADDENDUM 08: 6/15/2017

CANNONDESIGN

ID	From	Received	Response Date	Question	Answer
1	Judy Stanley Stenstrom Construction 2420 20th St. Rockford, IL 61104 Office: 815-398-2420 Fax: 815-398-0041 JudiS@rstenstrom.com	4/27/2017	5/4/2017	Would you see if the architect will waive the AWI Certification requirement?	No, this requirement will not be waived.
2	Al Musch Estimator/ Project Manager Premier Woodwork Inc. 1522 7th Street Rockford, IL 61104 Phone 1-815-968-6650 Fax 1-815-972-1141	4/27/2017	5/4/2017	Please pass along two questions for me. 1) See if they will waive the AWI Quality Certification Program 2) See if they can waive the ¾" solid surface and use ½" solid surface	1. No, this requirement will not be waived. 2. Please provide specified thickness.
3	Jill Anderson Sales Support Specialist TK Products 952.938.7223 local janderson@tkproduct.com wwwtkproducts.com	4/27/2017	5/4/2017	Request to substitute the following in lieu of specified products in Section 072726, Fluid Applied Membrane Air Barriers: TK-AirMax 2102 Non-Permeable	Refer to Addendum 3.
4	Jill Anderson Sales Support Specialist TK Products 952.938.7223 local janderson@tkproduct.com wwwtkproducts.com	4/27/2017	5/4/2017	Request to substitute the following in lieu of specified products in Section 072726, Fluid Applied Membrane Air Barriers: TK-AirMax 2103 Non-Permeable WB	Refer to Addendum 3.
5	David B. McCallum Estimator Graphic Specialties Inc 3110 Washington Avenue North Suite 200 Minneapolis, MN 55411 d.mccallum@signsbygsi.com	5/1/2017	5/4/2017	Regarding spec sections 101416, 101419, 101423.13 & 101426, I did not find any sign details or schedules in the documents. Did I miss them or will more information be forthcoming?	101416 - PLAQUES, 101419 - DIMENSIONAL LETTER SIGNAGE, 101423.13 - ROOM IDENTIFICATION SIGNAGE, 101426 - PANEL SIGNAGE: Please see District Signage Standards Sheet Volume 1: G0203; Architectural Site Plan Volume 2 A0051; Exterior Elevations Sheets Volume 2: A0311, A0312, A0313, Level 01 Plan - Area A-D A0101A,B,C, and D.

ID	From	Received	Response Date	Question	Answer
6	Jill Lindeman Architectural Coordinator, Commercial Related Products Division I Logan Contractors Supply 4101 106th Street Des Moines, IA 50322 Office: (515) 253-9048	5/3/2017	5/4/2017 5/22/2017	1. Request to substitute the following in lieu of specified products in Section 033000, Cast-in-Place Concrete: SpecHard by SpecChem 2. Request to substitute the following in lieu of specified products in Section 042000, Unit Masonry: Polyguard 400 Flashing	1. Refer to Addendum 5. 2. Refer to Addendum 3.
7	Roman Tylka Advanced Glazing Products, LLC 17 Cliffside Drive Willow Springs IL 60480 312-805-2396 roman@advancedglazingproducts.com	5/3/2017	5/4/2017	Request to substitute the following in lieu of specified products in Section 085113, Aluminum Windows: Litex Windows	Please provide a product from one of the specified manufacturers.
8	Lisa Roberts Project Engineer Fiblast, LLC. 1602, Mizell Road, Tuskegee, Al-36083 Phone: (334) 513 1314 Ext-1 Fax: (334) 239 4333 Email: fiblastllc@live.com	5/3/2017	5/4/2017	Request to substitute the following in lieu of specified products in Section 092713, Glass-Fiber-Reinforced Plaster Fabrications: Fiblast	Please provide a product from one of the specified manufacturers.
9	Jim Kohler (jkohler@mechinc.com)	5/4/2017	5/22/2017	1. Drawing P0404: Shows 3” feed line up to the tee for the water softener. The Hot Water piping to & from the water heater is 2”. The WSFU’s listed on the P0404 drawing shows a total of 40 WSFU’s for hot water. This works out to be around 65-75 gpm. The water heater plumbing schematic (drawing # P0601) shows 2” piping from the water heater. The water softener system should be able to match the 2” pipe flow rate of the hot water system of around 80 GPM. The schedule for the water softener (Plan # P0501) shows a single tank water softener with 1” piping and a 9” x 48” tank. We would like to see if a duplex water softener system with 16” tanks, continuous flow rate of 57 GPM @ 15 psi drop and a peak flow rate of 75 GPM @ 25 psi drop per tank, with progressive flow and a total capacity of 180,000 grains or a larger 21” single tank water softener system with a continuous flow rate of 65 GPM @ 15 psi drop and a peak flow rate of 85 GPM @ 25 psi drop with a capacity of 210,000 grains of capacity is acceptable?	1. Refer to Addendum 5.

ID	From	Received	Response Date	Question	Answer
10	Nick Mehn, CSI Sales Associate Insulation Solutions, Inc. Phone: 309.698.0062 Fax: 309.698.0065 www.insulationsolutions.com www.viper2.com	5/4/2017	5/22/2017	Please add Viper VaporCheck II as an acceptable vapor barrier for this project. I have attached a sub request for your viewing. Let me know if you have any questions.	Refer to Addendum 5.
11	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/8/2017	5/22/2017	1. Drawing C01 General Note 20 calls for us to carry an undercut allowance of 2,200 CY's in our base bid. Please confirm that this undercut allowance is in addition to Allowance #1, #3 and #4 on the bid form.	1. Refer to Addendum 5.
				2. If you plan on saving the trees as indicated on the landscape drawings that are in the construction areas, extensive root pruning will be required. If this is to be part of the base bid, it should be noted on the landscape drawings and be in the landscape specifications.	2. Professional root pruning will not be required.
				3. Drawings S0101 states that we should anticipate and plan for undercutting existing man made fill from 1' to 6" over the entire building footprint, but the undercut allowance that we are to include in the bid (allowance #3 – 100 CYD @ Bld Fndt & Allowance #4 700 CYD under Bld Pad) does not even cover a 6" undercut of the entire footprint which would be 1,575 CYDS. Please confirm that the base bid includes no undercutting other than the allowances on the bid form.	3. Refer to Addendum 5.
				4. Trash enclosure plan A0053 fence post hinge detail – Reference Detail 9/A053 which is a wood corner post but should be a metal post per referenced Elevation 1. Please also confirm that the latch side support post for the single man door is wood.	4. Refer to Addendum 5.
				5. Please provide the referenced Site Clearing and Building Bid Package.	5. Refer to Addendum 3. These documents can be found on the District's website under IFB 17-53: http://www3.rps205.com/departments/Purchasing/Lists/BidsRFPs/DispForm.aspx?ID=370&Source=http%3A%2F%2Fwww3%2Erps205%2Ecom%2Fdepartments%2FPurchasing%2FPages%2FBids%2DRFPs%2Easpx&ContentTypeId=0x010007C78365391D464187F9C043243581F9
				6. Detail 2/A0452 shows a ½ SS top on two layers of particle board supported by an un-sized continuous plate and refers to structural drawings. Please confirm which detail on the structural drawings shows this support plate. I checked Detail 10/S0200.D but it is for wall reinforcing.	6. Refer to structural Detail 4/S0200.D.

ID	From	Received	Response Date	Question	Answer
12	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/8/2017	5/22/2017	1. Civil drawing C15 shows a 1000 gallon grease interceptor located more than 5 foot outside the building, but plumbing drawing P0501 shows a 275 gallon GSI-1 located just outside the exterior wall. Please confirm if these are the same units and if so, which detail do we go with? 2. Please confirm washing machine is by owner. 3. Please confirm quantity and description of compressed 24”x24” quartz floor tile as shown on drawing A1232? 4. Confirm specification of ceramic wall tile material CWT-1 which is not on drawing A1200 finish specification plan. 5. Detail 2/A0453 calls for an exterior gypsum soffit, but similar detail at main canopy calls for EIFS.	1. Refer Addendum 5. 2. Correct, washing machine is by Owner. 3. Refer to RFT-1 and RFT-2 floor finish tag on Drawing A1232 and refer to Drawing A1200 for floor finish, under resilient floor column, for RFI-1 and RFT-2 information. 4. Refer to Drawing A1200, under wall finish column, for CWT-1 information. 5. Refer Addendum 5.
13	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/8/2017	5/22/2017	1) There is a substantial amount of excess site excavation to be removed from this site. Does this site have any environmental issues or can all the excavated soils be disposed of off-site at a CCDD/ Uncontaminated Soil Fill Operations Facility? 2) The demolition contractor will most likely contaminate the existing site topsoil during his operations. Will any of the existing topsoil be salvaged during the demolition contract for the grading contractors use? Should the grading contractor assume all required topsoil will need to be imported from off-site?	1. Refer to Addendum 4 for information on how to access the Phase 1 Environmental Report. No environmental issues have been identified. Contractors must conform to applicable regulatory procedures if hazardous or contaminated materials are discovered. The Owner will be responsible for any costs associated with hazardous or contaminated soils. 2. Refer to notes on Drawings C9 and C10. Salvage of topsoil is not included in the site demo contract.
14	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/11/2017	5/22/2017	1. Specs call for abuse-resistant board for the outer layer at the classrooms only. Does this need to go to the deck, or just above ACT? 2. Specs call for a structural corner bead. Is this typical for all corner beads? Do they need to go to the deck, or just above ACT?	1. Refer to sheet A1001 PARTITION TYPES for typical partitions. Provide specified material as shown in details. 2. Structural corner bead is required at all drywall partitions at vertical corners, running 6" above ceiling. See detail 7/A0802 for more information.
15	Steve Crouch Estimator/Project Manager Scandroli Construction Co 855 N. Madison St. Rockford, Il 61107 steve.crouch@scandroli.com Phone 815-962-4037 Fax 815-962-8103 Cell 815-222-9373	5/15/2017	5/22/2017	In looking over the plans today for this project, we came across some conflicting information regarding topsoil. If this hasn’t already been addressed, could you submit it as an RFI: Sheet C11 shows Grading Note #2 – All areas should receive 4” of topsoil Sheet C26 shows a box in the center of the page stating ‘All areas should receive 6” of topsoil’	Refer to Addendum No. 5 for clarification on topsoil requirements.

ID	From	Received	Response Date	Question	Answer
16	Brian Amling Northern Illinois Service Co. 4781 Sandy Hollow Road Rockford, IL 61109 815.874.4422 Office 815.874.1944 Fax 815.378.9081 Mobile brian@northernillinoisservice.com	5/18/2017	5/22/2017	1. On Sheet C19 please indicate the north extent of the abandonment / filling of the existing 6” watermain at Kishwaukee St. 2. On Sheet C09 the existing 4” watermain on Catlin St. is noted to be abandoned per one note and removed per another note; please clarify. 3. Please provide information regarding the acceptable method of abandoning the RRWRD sewer manholes. 4. What will be the required value of the IDOT utility permit bond? 5. Sheet C04 indicates that site excavation work in Area A will take place prior to Areas C and D. Can removed soil materials from Area A be placed in Areas C and D for future grading? 6. On Sheet C04 are we to assume that all demolition within Area A will be complete and the entire area will be available when work begins? 7. On Sheet C01 General Note #20 states that 2,200 CY of undercut is to be included in the base bid. The addendum #1 bid form indicates 2,7000 CY is to be included (Allowance #1 800 CY, #2 1,100 CY, #3 100 CY #4 700 CY). Please verify what we are to include as an allowance.	1. Refer to Addendum 5. 2. The existing 4” watermain and water services are to be abandoned. Service boxes need to be removed. Any water services or watermain that conflicts with building foundations or other improvements needs to be removed as necessary. 3. See RRWRD standard specifications for requirements. 4. Contractor shall assume the following bond amounts and include the cost of obtaining each bond in his bid for this project: IDOT Utility bond shall be $25,000 for a period of 5 years. IDOT highway bond shall be $50,000 for a period of 5 years. 5. Yes, pending the removal of other structures. 6. Refer to Property Acquisition Plan issued as an attachment in Addendum 5. 7. Refer to Addendum 5. The allowances listed on sheet C11 shall be used. The total allowance for undercut is 1,600 CY and an allowance of 1,100 SY is required for fabric stabilization at roadways. Contractor to include these allowances in their bid.
17	Kevin McGinn Engel Electric Co	5/18/2017	5/22/2017	EE RFI-1 Alternate #7, Traffic Signals. There are no specifications for the mast arm assemblies. There are no specifications for the traffic signal equipment.	The traffic signal equipment specifications are included as Section 014000.2 in the project manual.
18	Roger Stoeckel, Owner Shade Aire Company 7511 Grace Dr. Roscoe, IL 61073 815 623-7597 815 623-8541 fax 815 543-0612 cell	5/18/2017	6/1/2017	Specification 122413, 1.4, A., 1., (Extra Material) reads "Roller Shades:1 shade for each window size up to 4 openings". 1. Please clarify more fully EXTRA MATERIAL requirements. 2. Does "EXTRA MATERIAL" pertain to motorized shades?	1. Refer to Addendum 6
19	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/22/2017	6/1/2017	I will need additional information to provide pricing for the acoustic wall panels. We are missing elevations (which provide sizing) for Conference Room #106. Please advise at your earliest convenience.	1. Refer to Addendum 6

ID	From	Received	Response Date	Question	Answer
20	Steve Crouch Estimator/Project Manager Scandroli Construction Co 855 N. Madison St. Rockford, Il 61107 steve.crouch@scandroli.com Phone 815-962-4037 Fax 815-962-8103 Cell 815-222-9373	5/22/2017	6/1/2017	Plan sheet A1231D shows that it gets AWP-4 on the west wall, but I cannot find an elevation for it.	1. If RFI refers to the conference room tag, refer to Addendum 6.
21	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/24/2017	6/1/2017	Wall assembly for MP-1 type wall on 3/A0400 calls for 6” CFMF. Details 4,5/A0424, details 1, 2, 3, 4/A0454 and detail 4/A0458 all appear to show 3 5/8” CFMF at MP-1 walls. Please clarify.	Elevations on A0311 and A0312 show a running dimension tag at clerestory calling out MP-0, and running dimension tag at east wall of clerestory calling out MP-1, which are callouts of wall types referenced in A0400. Elevations on A0311 and A0312 also have a material diamond tag referenced on elevation legend: MP-1 - Formed Metal Panel. Plan details and section details at clerestory storefront windows show 3 5/8" CFMF which is intended and should be coordinated as part of CFMF delegated design process. Section detail 8/A0202 shows 6" CFMF at east wall of clerestory, which is intended and should be coordinated as part of CFMF delegated design process.
22	Blake Ford Project Manager AVL Systems, Inc. 5540 S.W. 6th Place Ocala, FL 34474 Direct: (352) 204-0969	5/24/2017	6/1/2017	Request to substitute the following in lieu of specified products in Section 098433, Sound-Absorbing Wall Units: AVL Systems, AcousTech Endure	1. Refer to Addendum 6.
23	Roger Stoeckel, Owner Shade Aire Company 7511 Grace Dr. Roscoe, IL 61073 815 623-7597 815 623-8541 fax 815 543-0612 cell	5/25/2017	6/1/2017	Dwg A0450/2/3/5/6/8 indicates shade brackets mounted to head of structural steel and/or concrete. 1. With the difficulty of attaching a finish product to steel and/or concrete, can we mount to face of window frame? Specification 122413, 2.2, B., 2. reads "... Regular, from BACK of roller." Dwg A0450/2/3/5/6/8 shows fabric rolling off ROOM SIDE (reverse roll) of roller. 2. Is a Regular Roll (off window side of roller) intended? Specifications 122413, 1.4, A., 1. (Extra Material) reads "Roller Shades: 1 Shade for each window size up to 4 openings."Some window OPENINGS receive more than one shade. 3. Please clarify more fully EXTRA MATERIAL requirements 4. Does "Extra Material" pertain to motorized shades?	1. No, it is not acceptable to mount window shades to the window frame. Please coordinate installation of window shades for each location per details and specification. 2. Refer to specification over drawings. Intent is for regular roll off the window side. 3. Refer to Addendum 6. Extra materials are not required for motorized shades.

ID	From	Received	Response Date	Question	Answer
24	David Dinges Project Manager / Estimator Stenstrom General Contractor - Design / Build Group 2420 20th St. Rockford, IL 61104 (815) 398-2420 DaveD@rstenstrom.com	5/26/2017	6/1/2017 6/6/2017	Please confirm if it is the intent of Addendum No. 5 that Substantial Completion date of 7/18/2018 has not changed on the base bid. Please consider switching the base bid construction schedule with the Alternate No. 8 construction schedule. This would allow General Contractors and the Owner to receive realistic construction bid proposals on the base bid for building completion of April 15, 2019 and accurate costs for the Alternate excellerated schedule.	1. Refer to Addendum 6 and Addendum 7.
25	Jim Gonya jgonya@republicstorage.com	5/30/2017	6/15/2017	Request to substitute the following in lieu of specified products in Section 105113, Metal Lockers: Republic Storage Products	Form submitted included information not appicable to request; revised form never received. Substitution request denied.
26	Greg Olson Section 8 Doors & Hardware, LLC. 815-385-5977 gregsection8@aol.com	6/1/2017	6/6/2017	On Addendum #5 the Architect changed 15 hardware sets with a note that said not used, they were used and were not replaced with new ones, this effects 44 openings.	Refer to Addendum 7.
27	Scott Beaver sbeavers.sbs@gmail.com Security Builders Supply Co. 5077 American Rd. Rockford, IL 61109 Phone (815) 873-1040 Fax (815) 873-1042	6/1/2017	6/6/2017	Per addenda No. 5 there are 17 Hardware sets that are not to be used. This effects 49 different openings. What hardware sets do we assign to these 49 openings?	Refer to Addendum 7.
28	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	6/2/2017	6/6/2017	Is a new Sheet A1006 Door Schedule being issued? Addendum # 5 Specification hardware schedule has eliminated hardware sets that are still on the Plan Sheet A1006 door schedule.	Refer to Addendum 7.
29	Kyle Warner Estimator | Mechanical Inc. Direct: 815-297-6047 Fax: 815-297-9075 www.helmgroup.com	6/2/2017	6/6/2017	Please clarify which type of actuator is required for the motorized control dampers as shown on Drawing M0101A-1. Keynote 3 calls out for battery back-up, while specification section 230900 – 26 B. lists a spring loaded mechanism for power-failure.	1. Storm shelter's intake and relief damper actuators shall be electronic type with spring loaded fail safe (fail open) option equivalent to Belimo AF series actuator. Electrical power for each damper actuator shall be connected to a new UPS located in storage room 310.2. 2. Mechanical contractor shall provide and install storm shelter's relief and intake dampers, damper actuators shall be provided and installed by controls contractor. Electrical contractor shall provide the new UPS and required power connections from the UPS to each damper actuator, see electrical drawing E0402 for UPS installation location.
30	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	6/12/2017	6/15/2017	Addendum # 7 issued a new door schedule (plan sheet A1006) and new door hardware schedule (in spec section 087100). Door Schedule calls for Door # 414A to have hardware set E2.04, but there is not a listing in the specs for this hardware set. Please advise.	Refer to Addendum 8.

2 - Availability Expected 4/1/2018 - Q1 2,957 SF

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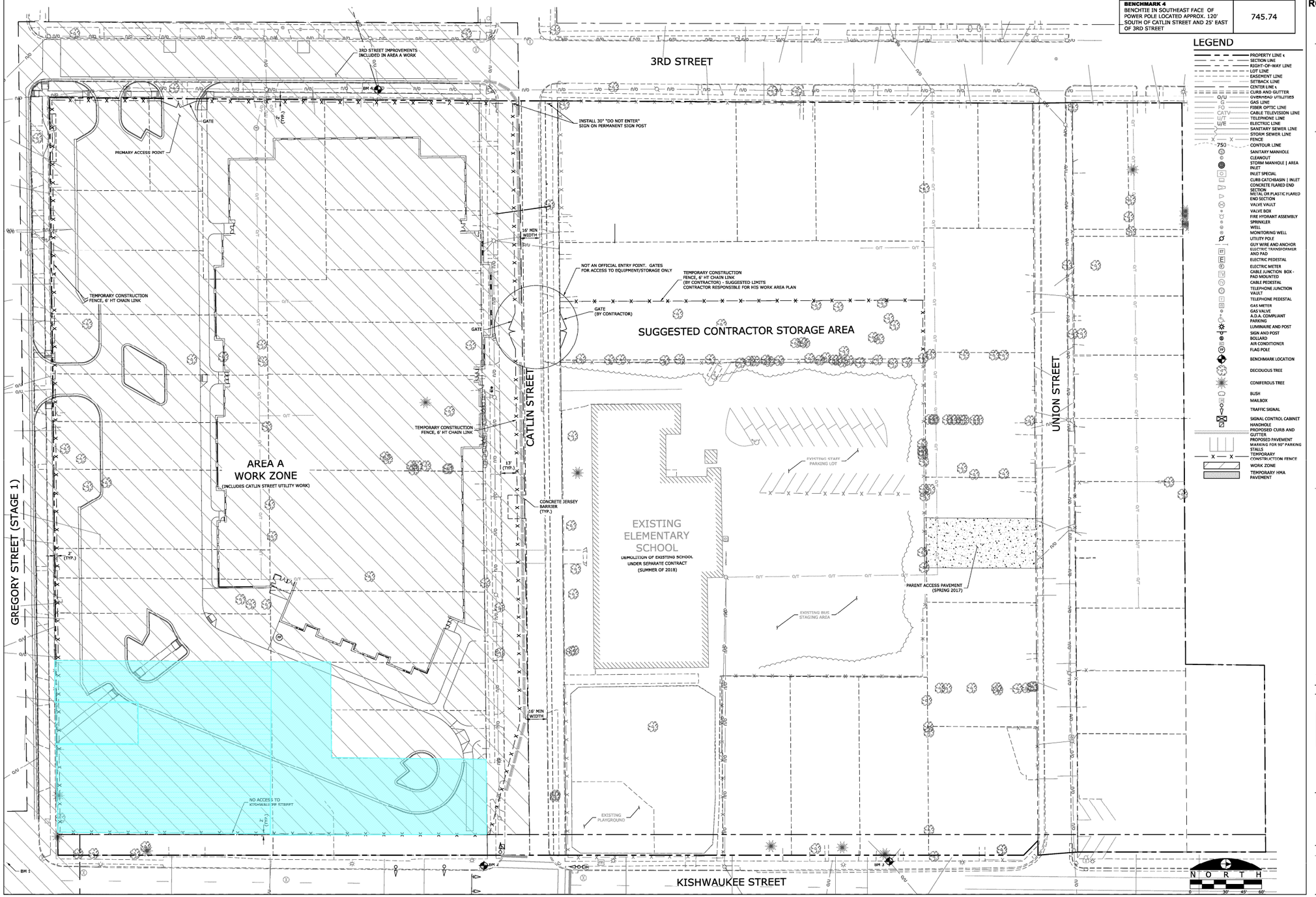
BENCHMARKS	
DESCRIPTION	ELEVATION
BENCHMARK 1 NORTH CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 35' SOUTH OF GREGORY STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.29
BENCHMARK 2 NORTHWEST CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 40' SOUTH OF CATLIN STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.66
BENCHMARK 3 BENCHTIE IN SOUTH FACE OF POWER POLE LOCATED APPROX. 140' SOUTH OF UNION STREET AND 25' WEST OF KISHWAUKEE STREET	745.38
BENCHMARK 4 BENCHTIE IN SOUTHEAST FACE OF POWER POLE LOCATED APPROX. 120' SOUTH OF CATLIN STREET AND 25' EAST OF 3RD STREET	745.74



LEGEND

- PROPERTY LINE ℄
- SECTION LINE
- RIGHT-OF-WAY LINE
- LOT LINE
- EASEMENT LINE
- SETBACK LINE
- CENTER LINE ℄
- CURB AND GUTTER
- O/U OVERHEAD UTILITIES
- G GAS LINE
- FO FIBER OPTIC LINE
- CATV CABLE TELEVISION LINE
- U/T TELEPHONE LINE
- U/E ELECTRIC LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- X X FENCE
- 750 CONTOUR LINE
- SANITARY MANHOLE
- CLEANOUT
- STORM MANHOLE | AREA INLET
- INLET SPECIAL
- CURB CATCHBASIN | INLET
- CONCRETE FLARED END SECTION
- METAL OR PLASTIC FLARED END SECTION
- VALVE VAULT
- VALVE BOX
- FIRE HYDRANT ASSEMBLY
- SPRINKLER
- WELL
- MONITORING WELL
- UTILITY POLE
- GUY WIRE AND ANCHOR
- ELECTRIC TRANSFORMER AND PAD
- ELECTRIC PEDESTAL
- ELECTRIC METER
- CABLE JUNCTION BOX - PAD MOUNTED
- CABLE PEDESTAL
- TELEPHONE JUNCTION VAULT
- TELEPHONE PEDESTAL
- GAS METER
- GAS VALVE
- A.D.A. COMPLIANT PARKING
- LUMINAIRE AND POST
- SIGN AND POST
- BOLLARD
- AIR CONDITIONER
- FLAG POLE
- BENCHMARK LOCATION
- DECIDUOUS TREE
- CONIFEROUS TREE
- BUSH
- MAILBOX
- TRAFFIC SIGNAL
- SIGNAL CONTROL CABINET
- HANDHOLE
- PROPOSED CURB AND GUTTER
- PROPOSED PAVEMENT MARKING FOR 90° PARKING STALLS
- X X TEMPORARY CONSTRUCTION FENCE
- WORK ZONE
- TEMPORARY HMA PAVEMENT

ROCKFORD PUBLIC SCHOOLS

ROCKFORD PUBLIC SCHOOLS

SCHOOL B, ZONE 1

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ARC DESIGN RESOURCES INC.
Civil Consultants
5291 Zenith Parkway
Loves Park IL 61111
(816) 484 4300

No.	Description	Date
1	ISSUED FOR BID	03/01/2016

KEY PLAN

Drawing Title:

AREA A WORK SCOPE

Project No.: 005005.00 Checked by: JSL

C05

SECTION 087100 – DOOR HARDWARE SETS

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 references specification sections relating to commercial door hardware for the following:

1. Swinging doors.
2. Sliding Doors.
3. Other doors to the extent indicated.

B. Commercial door hardware includes, but is not necessarily limited to, the following:

1. Mechanical door hardware.
2. Electromechanical and access control door hardware.
3. Electromechanical and access control door hardware power supplies, back-ups and surge protection.
4. Automatic operators.
5. Cylinders specified for doors in other sections.

C. Related Sections:

1. Division 08 Section “Hollow Metal Doors and Frames”.
2. Division 08 Sections “Flush and Clad Wood Doors”.
3. Division 08 Section “Aluminum Framed Entrances and Storefronts”.
4. Division 08 Section “Door Hardware”.
5. Division 28 Section “Access Control”.

D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.

1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
2. ICC/IBC - International Building Code.
3. NFPA 70 - National Electrical Code.
4. NFPA 80 - Fire Doors and Windows.
5. NFPA 101 - Life Safety Code.
6. NFPA 105 - Installation of Smoke Door Assemblies.
7. State Building Codes, Local Amendments.

E. Standards: Reference Related Sections for requirements regarding compliance with applicable industry standards.

1.3 SUBMITTALS

A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.

B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."

2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.

3. Content: Include the following information:

a. Type, style, function, size, label, hand, and finish of each door hardware item.
b. Manufacturer of each item.
c. Fastenings and other pertinent information.
d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
e. Explanation of abbreviations, symbols, and codes contained in schedule.
f. Mounting locations for door hardware.
g. Door and frame sizes and materials.

4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.

C. Keying Schedule: Prepared under the supervision of the Owner, separate schedule detailing final keying instructions for locksets and cylinders in writing. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner to approve submitted keying schedule prior to the ordering of permanent cylinders.

D. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.

E. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Submittals. The manual to include the name, address, and contact information of the manufacturers providing the hardware and their nearest service representatives. The final copies delivered after completion of the installation test to include "as built" modifications made during installation, checkout, and acceptance.

F. Warranties and Maintenance: Special warranties and maintenance agreements specified in the Related Sections.

1.4 QUALITY ASSURANCE

A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum [5] years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.

B. Installer Qualifications: Installers, trained by the primary product manufacturers, with a minimum [3] years documented experience installing both standard and electrified builders hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.

C. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum [5] years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor in good standing by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.

D. Source Limitations: Obtain each type and variety of Door Hardware specified in the Related Sections from a single source, qualified supplier unless otherwise indicated.

E. Regulatory Requirements: Comply with NFPA 70, NFPA 80, NFPA 101 and ANSI A117.1 requirements and guidelines as directed in the applicable model building code.

F. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.

B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.

C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.6 COORDINATION

A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.

B. Door and Frame Preparation: Division 08 Sections (Steel, Aluminum and Wood) doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.7 WARRANTY

A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

A. Refer to “PART 3 – EXECUTION” for required specification sections.

PART 3 - EXECUTION

3.1 DOOR HARDWARE SETS

A. The door hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.

B. The supplier is responsible for handing and sizing all products as listed in the door hardware sets. Quantities listed are for each pair of doors, or for each single door.

C. Products listed in the Door Hardware Sets must meet the requirements described in the specification sections noted.

1. Section 08 71 00 – Door Hardware.

D. Manufacturer's Abbreviations:

1. MK - McKinney
2. PE - Pemko
3. RF - Rixson
4. RO - Rockwood
5. SA - Sargent
6. SU - Securitron
7. HS - HES
8. FO - Folger Adam
9. NO - Norton

Hardware Sets

Set: AC1.00

2	Continuous Hinge	MCK-25HD SER-12	CL	MK
1	Exit Device	43 53 55 56-HK 8810	630	SA
1	Exit Device	43 53 55 56-HK 8804	630	SA
2	Pull	RM201	630	RO
2	Concealed Overhead Stop	6 SERIES	630	RF
1	Door Closer	J7500	689	NO
1	Door Operator (Push Side)	6060	689	NO
1	Threshold	273x224AFGT		PE
2	ElectroLynx Harness	QC-C006		MK
2	ElectroLynx Harness	QC-C1500P		MK
1	Actuator Switch (Wall Mount)	505		NO
1	Actuator Switch (Vestibule) Switch	504		NO
1	Card Reader	BY DIVISION 28		
2	Door Position Switch	BY DIVISION 28		
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Push Button	BY DIVISION 28		
1	Aiphone	BY DIVISION 28		

Notes: Fixed mullion and weather strip by aluminum door and frame manufacturer.
Keyed exit device to be mounted on RHR door, automatic operator to be mounted on LHR door.
BPS power supply to be used for openings 100A, 100B, 100C, and 100D. Power supply to be appropriately sized to accommodate all exit devices at each opening.

Operation: Doors normally closed and locked. Egress allowed at all times. Doors can be unlocked for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors, allowing the doors to be pulled open and also, when the exterior ADA push button is engaged, will enable the automatic operator. Exit devices have internal switches to monitor the latchbolt status and have request to exit (REX) switches to shunt the door position switches. Depressing the actuator switch on the pull side of the doors, when the operator is enabled, signals the operator to automatically open the LHR door. Doors can also be opened by remote push button operation from the office area through Aiphone request, which will also enable the operator. Depressing the actuator switch on the push side of the doors will retract the exit device latchbolt on the LHR door and signal the operator to automatically open the door. In the event of power failure or fire alarm activation the doors will remain locked - FAIL-SECURE.

Set: AC1.01

2	Continuous Hinge	MCK-25HD SER-12	CL	MK
2	Exit Device	43 53 55 56-HK 8810	630	SA
2	Pull	RM201	630	RO
2	Concealed Overhead Stop	6 SERIES	630	RF
2	Door Closer	J7500	689	NO
1	Threshold	273x224AFGT		PE
2	ElectroLynx Harness	QC-C006		MK
2	ElectroLynx Harness	QC-C1500P		MK
2	Door Position Switch	BY DIVISION 28		
1	Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Fixed mullion and weather strip by aluminum door and frame manufacturer.

Operation: Doors normally closed and secured. Egress allowed at all times. Doors can be opened for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Exit devices have internal switches to monitor the latchbolt status and have request to exit (REX) switches to shunt the door position switches. In the event of power failure or fire alarm activation the doors will remain secured - FAIL-SECURE.

Set: AC1.02

2	Continuous Hinge	MCK-25HD SER-12	CL	MK
1	Exit Device	43 55 56-HK 8810	630	SA
1	Exit Device	43 55 56-HK 8804	630	SA
2	Pull	RM201	630	RO
2	Concealed Overhead Stop	6 SERIES	630	RF
2	Door Closer	J7500	689	NO
1	Threshold	273x224AFGT		PE
2	ElectroLynx Harness	QC-C006		MK
2	ElectroLynx Harness	QC-C1500P		MK
1	Card Reader	BY DIVISION 28		
2	Door Position Switch	BY DIVISION 28		
1	Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Fixed mullion and weather strip by aluminum door and frame manufacturer.

Operation: Doors normally closed and locked. Egress allowed at all times. Doors can be opened for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors, allowing the doors to be pulled open. Exit devices have internal request to exit (REX) switches to shunt the door position switches. In the event of power failure or fire alarm activation the doors will remain secured - FAIL-SECURE.

Set: AC1.03

2	Continuous Hinge	MCK-25HD SER-12	CL	MK
1	Exit Device	43 53 55 56-HK 8810	630	SA
1	Exit Device	43 53 55 56-HK 8804	630	SA
2	Pull	RM201	630	RO
2	Concealed Overhead Stop	6 SERIES	630	RF
1	Door Closer	J7500	689	NO
1	Door Operator (Push Side)	6060	689	NO
2	ElectroLynx Harness	QC-C006		MK
1	Wiring Diagram	WD-SYSPK		
2	ElectroLynx Harness	QC-C1500P		MK
1	Actuator Switch (Wall Mount)	505		NO
1	Card Reader	BY DIVISION 28		
1	Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Fixed mullion by aluminum door and frame manufacturer.
Keyed exit device to be mounted on RHR door, automatic operator to be mounted on LHR door.

Operation: Doors normally closed and locked. Egress allowed at all times. Doors can be unlocked for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors, allowing the doors to be pulled open. Exit devices have internal switches to monitor the latchbolt status. Depressing the actuator switch on the pull side of the doors, when the operator is enabled, signals the operator to automatically open the LHR door. Depressing the actuator switch on the push side of the doors will retract the exit device latchbolt on the LHR door and signal the operator to automatically open the door. In the event of power failure or fire alarm activation the doors will remain locked - FAIL-SECURE.

Set: AC1.04

2	Continuous Hinge	MCK-25HD SER-12	CL	MK
2	Exit Device	43 53 56-HK 8810	630	SA
2	Pull	RM201	630	RO
2	Concealed Overhead Stop	6 SERIES	630	RF
2	Door Closer	J7500	689	NO
2	ElectroLynx Harness	QC-C006		MK
2	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Fixed mullion by aluminum door and frame manufacturer.

Operation: Doors normally closed and secured. Egress allowed at all times. Doors can be opened for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Exit devices have internal switches to monitor the latchbolt status. In the event of power failure or fire alarm activation the doors will remain secured - FAIL-SECURE.

Set: AC1.05

1	Continuous Hinge	MCK-25HD SER-12	CL	MK
1	Exit Device	43 53 55 56-HK 8804	630	SA
1	Pull	RM201	630	RO
1	Concealed Overhead Stop	6 SERIES	630	RF
1	Door Closer	J7500	689	NO
1	Threshold	278x224AFGT x length as required		PE
1	ElectroLynx Harness	QC-C006		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Card Reader	BY DIVISION 28		
1	Door Position Switch	BY DIVISION 28		
1	Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Weather strip by aluminum door and frame manufacturer.
BPS power supply to be used for openings 121A, 121B, 121C, & 311A, 311B, 311C, & 329A, 329B, 329C. Power supply to be appropriately sized to accommodate all exit devices at each opening.

Operation: Door normally closed and locked. Egress allowed at all times. Door can be unlocked for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolt, allowing the door to be pulled open. Exit device has an internal switch to monitor the latchbolt status and a request to exit (REX) switch to shunt the door position switches. In the event of power failure or fire alarm activation the door will remain locked - FAIL-SECURE.

Set: AC1.06 NOT USED

Set: AC1.07

2	Continuous Hinge	MCK-25HD SER-12	CL	MK
1	Exit Device	43 55 56-HK 8810	630	SA
1	Exit Device	43 55 56-HK 8804	630	SA
2	Pull	RM201	630	RO
2	Concealed Overhead Stop	6 SERIES	630	RF
2	Door Closer	J7500	689	NO
1	Threshold	273x224AFGT		PE
1	ElectroLynx Harness	QC-C006		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-2		SU
1	Card Reader	BY DIVISION 28		
1	Door Position Switch	BY DIVISION 28		

Notes: Weatherstrip by aluminum door and frame manufacturer.

Operation: Doors normally closed and locked. Egress allowed at all times. Doors can be opened for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors, allowing the doors to be pulled open. Exit devices have internal request to exit (REX) switches to shunt the door position switches. In the event of power failure or fire alarm activation the doors will remain secured - FAIL-SECURE.

Set: AC2.00

1	Continuous Hinge	MCK-12HD	CL	MK
1	Continuous Hinge	MCK-12HD SER-12	CL	MK
2	Flush Bolt	555	626	RO
1	Dust Proof Strike	570	626	RO
1	Fail Secure Electric Lock	RX 8271 LL	630	SA
2	Surface Overhead Holder	9 SERIES	630	RF
2	Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
2	Armor Plate	K1050 36" x 2" LDW 4BE CSK	630	RO
1	Threshold	252x3AFG		PE
2	Sweep	315CN		PE
1	ElectroLynx Harness	QC-C206		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Card Reader	BY DIVISION 28		
2	Door Position Switch	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Notes: Weatherstripping integral with thermally broken frame.

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the lockset outside trim allowing entry. Lockset has an internal request to exit switch (REX) to shunt the door position switch. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC2.01

1	Continuous Hinge	MCK-12HD	CL	MK
1	Continuous Hinge	MCK-12HD SER-12	CL	MK
2	Flush Bolt	555	626	RO
1	Dust Proof Strike	570	626	RO
1	Fail Secure Electric Lock	RX 8271 LL	630	SA
2	Surface Overhead Stop	9 SERIES	630	RF
2	Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1	Threshold	252x3AFG		PE
2	Sweep	315CN		PE
1	ElectroLynx Harness	QC-C206		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Card Reader	BY DIVISION 28		
2	Door Position Switch	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Notes: Weatherstripping integral with thermally broken frame.

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the lockset outside trim allowing entry. Lockset has an internal request to exit switch (REX) to shunt the door position switches. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC2.02 NOT USED

Set: AC2.03

1	Continuous Hinge	MCK-12HD SER-12	CL	MK
1	Fail Secure Electric Lock	RX 8271 LL	630	SA
1	Surface Overhead Stop	9 SERIES	630	RF
~~1~~	~~Door Closer (Parallel Arm)~~	~~PRO 7500 x 2018S~~	~~689~~	~~NO~~
1	**Door Closer (Top Jamb)**	**J7500**	**689**	**NO**
1	Threshold	252x3AFG		PE
1	Rain Guard	346C		PE
1	Sweep	315CN		PE
1	ElectroLynx Harness	QC-C206		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Card Reader	BY DIVISION 28		
1	Door Position Switch	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Notes: Weatherstripping integral with thermally broken frame.

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the lockset outside trim allowing entry. Lockset has an internal request to exit switch (REX) to shunt the door position switch. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC3.00

2	Continuous Hinge	MCK-FM300 EL-12	630	MK
1	Exit Device	43 56 NB8706 ETL	630	SA
1	Exit Device	43 56 NB8710 ETL	630	SA
~~2~~	~~Door Closer (Parallel Arm)~~	~~PR7500~~	~~689~~	~~NO~~
2	**Door Closer (Top Jamb)**	**J7500**	**689**	**NO**
2	Electromagnetic Holder	998	689	RF
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
2	Door Bottom	313AN		PE
1	Astragal	S772D		PE
2	ElectroLynx Harness	QC-C006		MK
1	Wiring Diagram	WD-SYSPK		
2	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.01

2	Continuous Hinge	MCK-FM300 EL-12	630	MK
1	Exit Device	43 56 NB8706 ETL	630	SA
1	Exit Device	43 56 NB8710 ETL	630	SA
2	Door Closer (Parallel Arm)	PR7500	689	NO
2	Electromagnetic Holder	998	689	RF
2	Silencer - Metal Frame	608		RO
2	ElectroLynx Harness	QC-C006		MK
1	Wiring Diagram	WD-SYSPK		
2	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.02

2	Continuous Hinge	MCK-FM300 EL-12	630	MK
1	Exit Device	43 56 NB8706 ETL	630	SA
1	Exit Device	43 56 NB8710 ETL	630	SA
2	Door Closer (Parallel Arm)	PR7500	689	NO
2	Electromagnetic Holder	998	689	RF
1	Set Gasketing	S88D		PE
1	Astragal	S772D		PE
2	ElectroLynx Harness	QC-C006		MK
1	Wiring Diagram	WD-SYSPK		
2	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and lock. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.03

2	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1	Exit Device	43 56 8804 ETL	630	SA
~~1~~	~~Door Closer (Parallel Arm)~~	~~PR7500~~	~~689~~	~~NO~~
1	**Door Closer**	**J7500**	**689**	**NO**
1	Electromagnetic Holder	998	689	RF
1	**Threshold**	**151A**		**PE**
1	**Door Bottom**	**313AN**		**PE**
1	Set Gasketing	S88D		PE
1	ElectroLynx Harness	QC-C006		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Door can be held open at designated times by the electromagnetic holder which is tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.04

5	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1	Flush Bolt Set	2845	626	RO
1	Dust Proof Strike	570	626	RO
1	Exit Device	12 43 56 76 8904 ETL	630	SA
2	Door Closer (Stop Arm)	CPS7500	689	NO
2	Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
1	Set Gasketing	S88D		PE
1	Astragal	S772D		PE
1	ElectroLynx Harness	QC-C006		MK
1	Wiring Diagram	WD-SYSPK		
1	ElectroLynx Harness	QC-C1500P		MK
~~1~~	~~Card Reader~~	~~BY SECURITY CONTRACTOR~~		
~~1~~	~~Door Position Switch~~	~~BY SECURITY CONTRACTOR~~		
~~2~~	~~Door Position Switch~~	~~BY SECURITY CONTRACTOR~~		
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.05

2	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1	Exit Device	43 56 8804 ETL	630	SA
~~1~~	~~Door Closer (Parallel Arm)~~	~~PR7500~~	~~689~~	~~NO~~
1	**Door Closer (Top Jamb)**	**J7500**	**689**	**NO**
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE
1	ElectroLynx Harness	QC-C006		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.06

2	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1	Exit Device	12 43 55 56 8804 ETL	630	SA
~~1~~	~~Door Closer (Parallel Arm)~~	~~PR7500~~	~~689~~	~~NO~~
1	**Door Closer (Top Jamb)**	**J7500**	**689**	**NO**
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE
1	ElectroLynx Harness	QC-C006		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.07

2	Continuous Hinge	MCK-FM300 EL-12	630	MK
1	Exit Device	43 56 NB8706 ETL	630	SA
1	Exit Device	43 56 NB8710 ETL	630	SA
~~2~~	~~Door Closer (Parallel Arm)~~	~~PR7500~~	~~689~~	~~NO~~
2	**Door Closer (Top Jamb)**	**J7500**	**689**	**NO**
2	Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
1	**Threshold**	**151A**		**PE**
1	**Set Gasketing**	**S88D**		**PE**
1	**Door Bottom**	**313AN**		**PE**
~~2~~	~~Silencer - Metal Frame~~	~~608~~		~~RO~~
2	ElectroLynx Harness	QC-C006		MK
1	Wiring Diagram	WD-SYSPK		
2	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and lock. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.08

1	Continuous Hinge	MCK-25HD QC-12	CL	MK
1	Exit Device	43 56 8804 ETL	630	SA
~~1~~	~~Door Closer (Parallel Arm)~~	~~CPS7500~~	~~689~~	~~NO~~
1	**Door Closer (Top Jamb)**	**J7500**	**689**	**NO**
1	**Threshold**	**151A**		**PE**
1	**Set Gasketing**	**S88D**		**PE**
1	**Door Bottom**	**313AN**		**PE**
1	ElectroLynx Harness	QC-C006		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-x (size supply as required per plans)		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Door can be held open at designated times by the electromagnetic holder which is tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC4.00

5	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1	Flush Bolt Set	2845	626	RO
1	Dust Proof Strike	570	626	RO
1	Storeroom Lock	76 10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	310-2-3/4OB	630	FO
2	Door Closer (Parallel Arm)	PR7500	689	NO
2	Wall Stop	406	630	RO
1	Set Gasketing	S88D		PE
1	Astragal	S772D		PE
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.01 NOT USED

Set: AC4.02 NOT USED

Set: AC4.03

1	Continuous Hinge	MCK-25HD QC-12	CL	MK
1	Continuous Hinge	MCK-25HD	CL	MK
2	Flush Bolt	555	626	RO
1	Dust Proof Strike	570	626	RO
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	310-2-3/4OB	630	FO
1	Door Closer	J7500	689	NO
2	Wall Stop	406	630	RO
1	Threshold	151A		PE
2	Door Bottom	313AN		PE
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader,
which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.04

6	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
2	Flush Bolt	555	626	RO
1	Dust Proof Strike	570	626	RO
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
2	Concealed Overhead Stop	1 SERIES	630	RF
1	Door Closer (Reg Arm)	7500	689	NO
2	Armor Plate	K1050 36" x 1" LDW 4BE CSK	630	RO
2	Silencer - Metal Frame	608		RO
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader,
which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.05

6	Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
2	Flush Bolt	555	626	RO
1	Dust Proof Strike	570	626	RO
1	Storeroom Lock	28 10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Parallel Arm)	PR7500	689	NO
2	Wall Stop	406	630	RO
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader,
which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.06

3	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
~~1~~	~~Door Closer (Parallel Arm)~~	~~PR7500~~	~~689~~	~~NO~~
1	**Door Closer (Top Jamb)**	**J7500**	**689**	**NO**
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.07

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Concealed Overhead Stop	6 SERIES	630	RF
1	Door Closer (Reg Arm)	7500	689	NO
1	Armor Plate	K1050 36" x 2" LDW 4BE CSK	630	RO
3	Silencer - Metal Frame	608		RO
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.08

3	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Parallel Arm)	PR7500	689	NO
1	Wall Stop	406	630	RO
3	Silencer - Metal Frame	608		RO
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.09

3	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Surface Overhead Stop	9 SERIES	630	RF
1	Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
3	Silencer - Metal Frame	608		RO
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.10

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Reg Arm)	7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.11

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Reg Arm)	7500	689	NO
1	Wall Stop	406	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.12

3	Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1	Storeroom Lock	76 10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Stop Arm)	CPS7500	689	NO
3	Silencer - Metal Frame	608		RO
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.13

3	Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Stop Arm)	CPS7500	689	NO
3	Silencer - Metal Frame	608		RO
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.14

3	Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Stop Arm)	CPS7500	689	NO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.15

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Reg Arm)	7500	689	NO
1	Wall Stop	409	630	RO
~~3~~	~~Silencer - Metal Frame~~	~~608~~		~~RO~~
1	**Threshold**	**151A**		**PE**
1	**Set Gasketing**	**S88D**		**PE**
1	**Door Bottom**	**313AN**		**PE**
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.16

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Reg Arm)	7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.17

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Reg Arm)	7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	Set Gasketing	S88D		PE
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.18

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Lockset (storeroom)	10G04 LL	626	SA
1	SMART Pac Bridge Rectifier	2005M3		HS
1	Electric Strike	1006	630	HS
1	Door Closer (Reg Arm)	7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE
1	Card Reader	BY DIVISION 28		
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: AC4.19 NOT USED

Set: AC4.20 NOT USED

Set: AC5.00 (NOT USED)

Set: E1.00

1	Continuous Hinge	MCK-25HD SER-12	CL	MK
1	Exit Device	43 53 55 56-HK 8810	630	SA
1	Pull	RM201	630	RO
1	Concealed Overhead Stop	6 SERIES	630	RF
1	Door Closer	J7500	689	NO
1	Threshold	278x224AFGT x length as required		PE
1	ElectroLynx Harness	QC-C006		MK
1	ElectroLynx Harness	QC-C1500P		MK
1	Door Position Switch	BY DIVISION 28		
1	Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Weatherstrip by aluminum door and frame manufacturer.

Operation: Door normally closed and secured. Egress allowed at all times. Door can be unlocked for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Exit device has an internal switch to monitor the latchbolt status and a request to exit (REX) switch to shunt the door position switch. In the event of power failure or fire alarm activation the door will remain locked - FAIL-SECURE.

Set: E1.01

1	Continuous Hinge	MCK-12HD	CL	MK
1	Exit Latch	8213 LL	626	SA
1	Surface Overhead Stop	9 SERIES	630	RF
1	Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1	Threshold	252x3AFG		PE
1	Rain Guard	346C		PE
1	Sweep	315CN		PE
1	Door Position Switch	BY DIVISION 28		

Notes: Weatherstripping integral with thermally broken frame.

Operation: Door position switch monitors the open/closed status of the door.

Set: E2.00 NOT USED

Set: E2.01 NOT USED

Set: E2.02 NOT USED

Set: E2.03 NOT USED

Set: E3.00

2	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Hinge (heavy weight)	T4A3786 QC8 4-1/2" x 4-1/2"	652	MK
1	Fail Secure Electric Lock	28 10G71-24V LL	626	SA
1	Surface Overhead Stop	9 SERIES	630	RF
1	Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1	Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
3	Silencer - Metal Frame	608		RO
1	ElectroLynx Harness	QC-C206		MK
1	Wiring Diagram	WD-SYSPK		
1	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key operation. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: E3.01

1	Hinge	TA2714 QC8 4-1/2" x 4-1/2"	652	MK
2	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Fail Secure Electric Lock	28 10G71-24V LL	626	SA
1	Door Closer (Reg Arm)	7500	689	NO
1	Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	Set Gasketing	S88D		PE
1	Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key operation. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

Set: E4.00

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Passage Set	28 10U15 LL	626	SA
1	Door Closer (Reg Arm)	7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1	Electromagnetic Holder	998	689	RF
1	Set Gasketing	S88D		PE

Operation: Door can be held open by electromagnetic holder which is tied into the building's alarm system. Upon alarm activation the magnetic holder releases, and the door closes and latches.

Set: E5.00

3	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Classroom Lock	28 10G37 LL	626	SA
1	Door Closer (Parallel Arm)	PR7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Electromagnetic Holder	998	689	RF
1	Set Gasketing	S88D		PE

Operation: Door can be held open by electromagnetic holder which is tied into the building's alarm system. Upon alarm activation the magnetic holder releases, and the door closes and latches.

Set: WS1.00

1	Continuous Hinge	MCK-HG305	630	MK
1	Multi-Point Lock	FM7101 ECL	626	SA
1	Door Closer	7500ST	689	NO
1	Threshold	252x3AFG		PE
1	Set Gasketing	S88D		PE
1	Rain Guard	346C		PE
1	Sweep	315CN		PE
1	Door Position Switch	BY DIVISION 28		

Operation: Door position switch monitors the open/closed status of the door.

Set: WS2.00

2	Continuous Hinge	MCK-HG305 EL-12 83-1/8"	630	MK
1	Removable Mullion	HC980	PC	SA
2	Electric Multipoint Device	12 43 FM8774-24v ETL	630	SA
2	Door Closer (Parallel Arm)	PR7500	689	NO
2	Electromagnetic Holder	998	689	RF
1	Set Gasketing	S88D		PE
1	Astragal	S772D		PE
1	ElectroLynx Harness	QC-C006		MK
1	Wiring Diagram	WD-SYSPK		
1	ElectroLynx Harness	QC-C1500P		MK
1	Power Supply	BPS-24-2		SU
1	Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the building's alarm system. Entry by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: 1.00

1	Continuous Hinge	MCK-12HD	CL	MK
1	Push Pull Bar Set	RM351	630	RO
1	Concealed Overhead Stop	1 SERIES	630	RF
1	Door Closer	J7500	689	NO

Set: 2.00

6	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
2	Exit Device	12 43 NB8713 ETL	630	SA
~~2~~	~~Door Closer (Parallel Arm)~~	~~PR7500~~	~~689~~	~~NO~~
2	**Door Closer (Top Jamb)**	**J7500**	**689**	**NO**
2	Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
2	Wall Stop	406	630	RO
1	Set Gasketing	S88D		PE
1	Astragal	S772D		PE

Set: 2.01 NOT USED

Set: 2.02

2	Continuous Hinge	MCK-FM300	630	MK
2	Exit Device	43 NB8713 ETL	630	SA
2	Door Closer (Parallel Arm)	PR7500	689	NO
2	Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
2	Wall Stop	406	630	RO
1	Set Gasketing	S88D		PE
1	Astragal	S772D		PE

Set: 2.03

3	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Exit Device (exit only)	12 43 8810	630	SA
1	Door Closer (Parallel Arm)	PR7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	Set Gasketing	S88D		PE

Set: 2.04

3	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1	Exit Device (exit only)	43 8810	630	SA
~~1~~	~~Door Closer (Parallel Arm)~~	~~PR7500~~	~~689~~	~~NO~~
1	**Door Closer (Top Jamb)**	**J7500**	**689**	**NO**
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
1	**Threshold**	**151A**		**PE**
1	**Door Bottom**	**313AN**		**PE**
1	Set Gasketing	S88D		PE

Set: 2.05

1	Continuous Hinge	MCK-25HD	652	MK
1	Exit Device (exit only)	43 8810	630	SA
~~1~~	~~Door Closer (Parallel Arm w/ stop)~~	~~CPS7500~~	~~689~~	~~NO~~
1	**Door Closer**	**J7500**	**689**	**NO**
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	**Threshold**	**151A**		**PE**
1	**Set Gasketing**	**S88D**		**PE**
1	**Door Bottom**	**313AN**		**PE**

Set: 3.00

6	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
2	Flush Bolt	557	626	RO
1	Dust Proof Strike	570	626	RO
1	Storeroom Lock	28 10G04 LL	626	SA
1	Concealed Overhead Stop	1 SERIES	630	RF
1	Wall Stop	406	630	RO
2	Silencer - Metal Frame	608		RO

Set: 3.01

6	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
2	Flush Bolt	557	626	RO
1	Dust Proof Strike	570	626	RO
1	Storeroom Lock	28 10G04 LL	626	SA
2	Surface Overhead Stop	10 SERIES	630	RF
2	Silencer - Metal Frame	608		RO

Set: 3.02 NOT USED

Set: 3.03

3	Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1	Storeroom Lock	28 10G04 LL	626	SA
1	Door Closer (Stop Arm)	CPS7500	689	NO
3	Silencer - Metal Frame	608		RO

Set: 3.04

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Storeroom Lock	28 10G04 LL	626	SA
1	Wall Stop	406	630	RO
3	Silencer - Metal Frame	608		RO

Set: 3.05

3	Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1	Storeroom Lock	28 10G04 LL	626	SA
1	Door Closer (Reg Arm)	7500	689	NO
1	Wall Stop	406	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE

Set: 3.06

6	Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
2	Flush Bolt	557	626	RO
1	Dust Proof Strike	570	626	RO
1	Storeroom Lock	28 10G04 LL	626	SA
1	Surface Overhead Stop	9 SERIES	630	RF
1	Door Closer (Stop Arm)	CPS7500	689	NO
2	Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
2	Silencer - Metal Frame	608		RO

Set: 3.07

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Storeroom Lock	28 10G04 LL	626	SA
1	Concealed Overhead Stop	1 SERIES	630	RF
3	Silencer - Metal Frame	608		RO

Set: 4.00

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Classroom Lock	28 10G37 LL	626	SA
1	Door Closer (Reg Arm)	7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
3	Silencer - Metal Frame	608		RO

Set: 4.01 NOT USED

Set: 5.00 NOT USED

Set: 5.01

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Office Lock	28 10G05 LL	626	SA
1	Surface Overhead Stop	9 SERIES	630	RF
1	Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE

Set: 5.02

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Office Lock	28 10G05 LL	626	SA
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Wall Stop	409	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE

Set: 5.03

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Office Lock	28 10G05 LL	626	SA
1	Wall Stop	409	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE

Set: 5.04

2	Continuous Hinge	MCK-25HD	CL	MK
1	Flush Bolt	555	626	RO
1	Office Lock	28 10G05 LL	626	SA
1	Door Closer	J7500	689	NO
1	Wall Stop	406	630	RO
2	Floor Stop	RM850	626	RO
1	Threshold	151A		PE
2	Sweep	315CN		PE

Set: 5.05 NOT USED

Set: 6.00

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Mortise Lock	49 8250 LL	626	SA
1	Door Closer (Reg Arm)	7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
3	Silencer - Metal Frame	608		RO

Set: 7.00

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Privacy Set	49 8265 LL	626	SA
1	Door Closer (Reg Arm)	7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
3	Silencer - Metal Frame	608		RO

Set: 7.01

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Privacy Set	28 10U65 LL	626	SA
1	Door Closer (Reg Arm)	7500	689	NO
1	Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1	Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1	Wall Stop	409	630	RO
3	Silencer - Metal Frame	608		RO

Set: 7.02

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Privacy Set	28 10U65 LL	626	SA
1	Surface Overhead Stop	9 SERIES	630	RF
1	Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
3	Silencer - Metal Frame	608		RO

Set: 8.00

6	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1	Flush Bolt	555 (Top Bolt Only)	626	RO
1	Dust Proof Strike	570	626	RO
1	Passage Set	28 10U15 LL	626	SA
1	Wall Stop	406	630	RO
1	Door Stop	442	626	RO
1	Threshold	151A		PE
2	Door Bottom	313AN		PE

Notes: Gasketing by aluminum door and frame manufacturer.

Set: 8.01 NOT USED

Set: 8.02

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Passage Set	28 10U15 LL	626	SA
1	Door Closer (Reg Arm)	7500	689	NO
1	Wall Stop	406	630	RO
1	Set Gasketing	S88D		PE

Set: 8.03

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Passage Set	28 10U15 LL	626	SA
1	Wall Stop	406	630	RO
1	Threshold	151A		PE
1	Set Gasketing	S88D		PE
1	Door Bottom	313AN		PE

Set: 8.04

3	Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1	Passage Set	28 10U15 LL	626	SA
1	Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1	Wall Stop	406	630	RO
3	Silencer - Metal Frame	608		RO

Set: 8.05 NOT USED

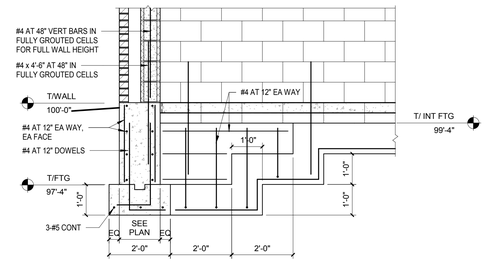
Set: 9.00

1	Track System w/ Hardware	W60/6- LENGTH AS REQUIRED w/ Cushion Stops		PE
2	Flush Pull	BF97L	630	RO

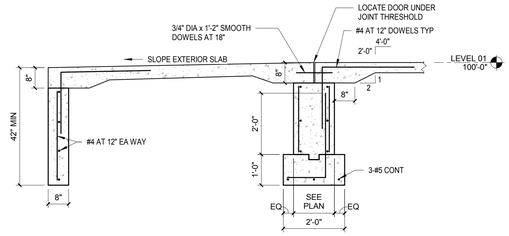
Set: 10.00

ALL HARDWARE BY DOOR MANUFACTURER

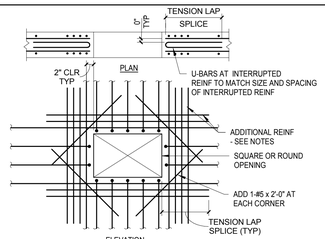
END OF SECTION 080671



15 TYP FOUNDATION SECTION AT INTERSECTION w/ INT BRG WALL
1/2" = 1'-0"

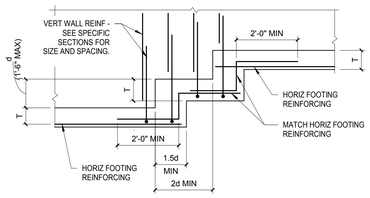


18 TYP FOUNDATION AT EXTERIOR DOOR
1/2" = 1'-0"

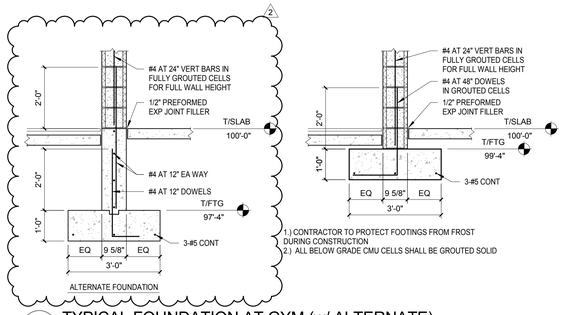


NOTES:
1. MAXIMUM OPENING SIZE = 4'-0" x 4'-0" SQUARE OR 4'-0" DIAMETER.
2. PROVIDE 1/2 THE NUMBER OF BARS INTERRUPTED BY THE OPENING PLUS ONE MORE OF THE SAME SIZE AT EACH SIDE OF OPENING
3. SPACE ADDITIONAL BARS AT 3" ON CENTER
4. NO ADDITIONAL REINF REQUIRED FOR OPENINGS 10" OR LESS.

10 TYPICAL WALL OPENING REINFORCING
1/2" = 1'-0"

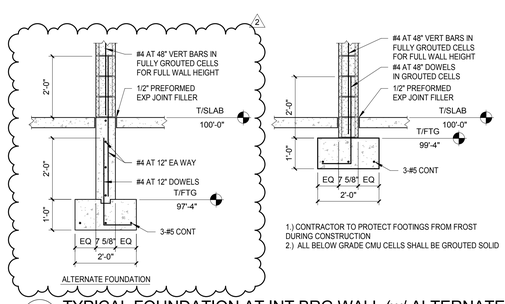


5 TYPICAL STEPPED WALL FOOTING DETAIL
1/2" = 1'-0"



1.) CONTRACTOR TO PROTECT FOOTINGS FROM FROST DURING CONSTRUCTION
2.) ALL BELOW GRADE CMU CELLS SHALL BE GROUTED SOLID

17 TYPICAL FOUNDATION AT GYM (w/ ALTERNATE)
1/2" = 1'-0"



1.) CONTRACTOR TO PROTECT FOOTINGS FROM FROST DURING CONSTRUCTION
2.) ALL BELOW GRADE CMU CELLS SHALL BE GROUTED SOLID

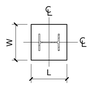
16 TYPICAL FOUNDATION AT INT BRG WALL (w/ ALTERNATE)
1/2" = 1'-0"

CONCRETE PIER SCHEDULE

MARK	WIDTH	LENGTH	REINFORCEMENT VERTICAL	REINFORCEMENT TIES	REMARKS
P24	24"	24"	8-#6	#4 AT 12"	

PIER SCHEDULE NOTES:

1. SET LOWEST TIE AT ONE HALF THE TIE SPACING ABOVE TOP OF FOOTING.
2. PROVIDE TIES AT 4" ON CENTER FULL LENGTH OF ANCHOR RODS.
3. "W" DIMENSION IS PERPENDICULAR TO COLUMN WEB.
4. "L" DIMENSION IS PARALLEL WITH COLUMN WEB.
5. PIERS ARE CENTERED ON COLUMN CENTERLINES UNLESS NOTED OTHERWISE.
6. CONFIGURE TIES USING ACI REQUIREMENTS AND TO AVOID CONFLICTS WITH ANCHOR RODS



9 PIER SCHEDULE AND NOTES
1/2" = 1'-0"

FOOTING SCHEDULE

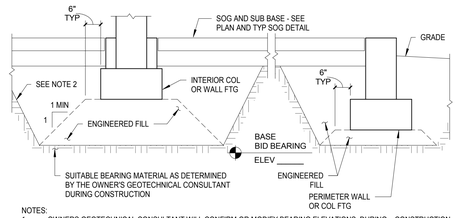
ALLOWABLE BEARING PRESSURE
2000

MARK	WIDTH	LENGTH	THICKNESS	REINFORCING (EW BOT UNO)	REMARKS
F4	4'-0"	4'-0"	1'-0"	5-#5	
F4.5	4'-6"	4'-6"	1'-0"	5-#5	
F4B	4'-0"	6'-0"	3'-0"	6-#5	
F5	5'-0"	5'-0"	1'-0"	6-#6	
F5.5	5'-6"	5'-6"	1'-0"	6-#6	

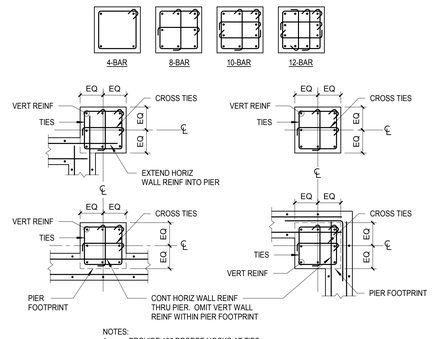
FOOTING SCHEDULE NOTES:

1. SEE PLANS AND DETAILS FOR TOP OF FOOTING ELEVATIONS.
2. SEE S0001 FOR FOUNDATION AND CONCRETE NOTES.

4 FOOTING SCHEDULE AND NOTES
1/2" = 1'-0"

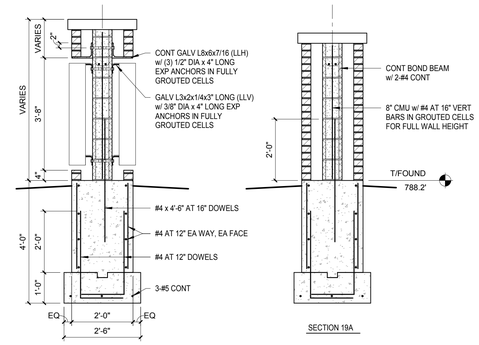


NOTES:
1. OWNERS GEOTECHNICAL CONSULTANT WILL CONFIRM OR MODIFY BEARING ELEVATIONS DURING CONSTRUCTION. THE CONTRACT PRICE WILL BE ADJUSTED ACCORDING TO THE AMOUNT OF EXISTING FILL REMOVED AND REPLACED USING THE UNIT PRICES INDICATED ON THE BID FORM.
2. SLOPE AS NECESSARY FOR STABILITY.
3. SEE PLAN FOR TOP OF FOOTING AND TOP OF SLAB ELEVATIONS.

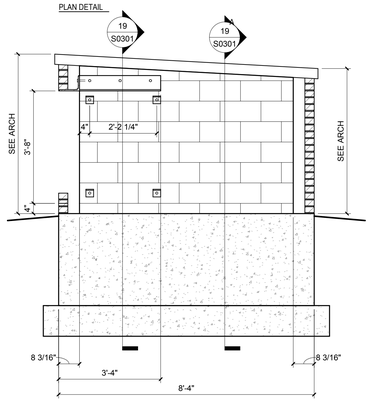


NOTES:
1. PROVIDE 135 DEGREE HOOKS AT TIES.
2. PROVIDE 135 DEGREE AND 90 DEGREE HOOKS AT CROSS TIES.
3. ALTERNATE HOOK LOCATIONS AT CONSECUTIVE TIES.

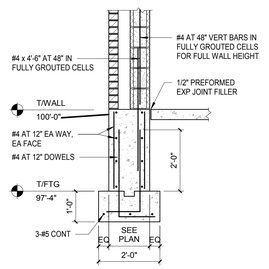
8 TYPICAL PIER DETAILS
1/2" = 1'-0"



19 SECTION AT MARQUEE SIGN
1/2" = 1'-0"



20 SECTION AT MARQUEE SIGN
1/2" = 1'-0"



12 TYPICAL FOUNDATION AT PERIMETER WALL
1/2" = 1'-0"

TENSION LAP SPLICE LENGTHS FOR BARS ENCLOSED IN TIES OR STIRRUPS

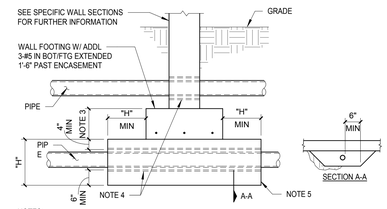
BAR SIZE	CONCRETE COMPRESSIVE STRENGTH 3,000 PSI BAR TYPE TOP	3,000 PSI BAR TYPE OTHER	3,000 PSI STD HOOK DEV	4,000 PSI BAR TYPE TOP	4,000 PSI BAR TYPE OTHER	4,000 PSI STD HOOK DEV	5,000 PSI BAR TYPE TOP	5,000 PSI BAR TYPE OTHER	5,000 PSI STD HOOK DEV
#3	28	22	6	25	19	6	22	17	6
#4	38	29	8	33	25	7	29	23	6
#5	47	36	10	41	31	8	36	28	7
#6	56	43	12	49	37	10	44	34	9
#7	81	63	13	71	54	12	63	49	10
#8	93	72	15	81	62	13	72	56	12
#9	105	81	17	91	70	15	81	63	13
#10	118	91	19	102	79	17	92	71	15
#11	131	101	22	114	87	19	102	78	17

TENSION LAP SPLICE LENGTHS FOR BARS NOT ENCLOSED IN TIES OR STIRRUPS

BAR SIZE	CONCRETE COMPRESSIVE STRENGTH 3,000 PSI BAR TYPE TOP	3,000 PSI BAR TYPE OTHER	3,000 PSI STD HOOK DEV	4,000 PSI BAR TYPE TOP	4,000 PSI BAR TYPE OTHER	4,000 PSI STD HOOK DEV	5,000 PSI BAR TYPE TOP	5,000 PSI BAR TYPE OTHER	5,000 PSI STD HOOK DEV
#3	17	16	6	16	16	6	16	16	6
#4	28	22	8	25	19	7	22	17	6
#5	41	32	10	36	28	8	32	25	7
#6	56	43	12	49	37	10	44	34	9
#7	90	69	13	78	60	12	70	54	10
#8	112	86	15	97	74	13	87	67	12
#9	135	104	17	117	90	15	105	81	13
#10	162	125	19	141	108	17	126	97	15
#11	190	146	22	165	127	19	147	114	17

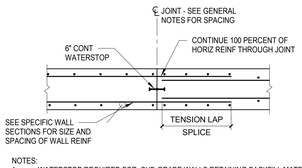
NOTES:
1. TABULATED VALUES ARE GIVEN IN INCHES.
2. DIVIDE TABULATED VALUES BY 1.30 TO ACHIEVE STRAIGHT BAR TENSION DEVELOPMENT LENGTHS.
3. APPLY A 1.30 MULTIPLIER ON TABULATED VALUES FOR USE IN LIGHTWEIGHT CONCRETE.
4. APPLY A 1.50 MULTIPLIER ON TABULATED VALUES FOR EPOXY COATED BARS WITH COVER LESS THAN 3 BAR DIAMETERS OR CLEAR SPACING LESS THAN 6 BAR DIAMETERS. APPLY A 1.20 MULTIPLIER ON ALL OTHER EPOXY COATED BARS.
5. MULTIPLIERS FOR LIGHTWEIGHT CONCRETE AND EPOXY COATING ARE ADDITIVE.
6. TOP BARS ARE DEFINED AS HORIZONTAL REINFORCEMENT WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE DEVELOPMENT LENGTH OR SPLICE.
7. "SIDE LAP" LAP SPLICES TO MAINTAIN SPECIFIED CONCRETE COVER. WHEN BARS OF DIFFERENT SIZE ARE LAP SPLICED, USE THE SPLICE LENGTH OF THE SMALLER BAR.
8. NON-CONTACT SPLICES NOT PERMITTED.

14 TENSION LAP SPLICE LENGTHS FOR GRADE 60 REINFORCEMENT
1/2" = 1'-0"



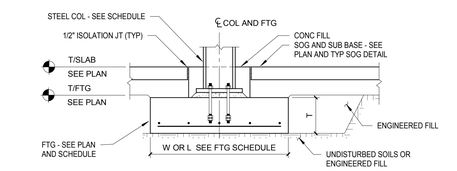
NOTES:
1. DO NOT PLACE PIPE TRENCH BELOW COLUMN FOOTINGS.
2. DO NOT PLACE PIPE TRENCH BELOW WALL FOOTINGS IF PIPE RUNS PARALLEL WITH WALL.
3. NO PIPES WITHIN FTG DEPTH. STEP FTG DOWN BELOW PIPE IF ELEVATION CONFLICT.
4. SLEEVES TO BE 1" CLEAR AROUND PIPE. WRAP PIPE W/ COMPRESSIBLE MATERIAL.
5. PLACE CONCRETE FILL AROUND SLEEVE PRIOR TO POURING FOUNDATION.
6. DIMENSIONS NOTED ARE MINIMUM. IF DIMENSIONS CONFLICT WITH DIMENSIONS GIVEN ELSEWHERE, COMPLY WITH MORE STRINGENT REQUIREMENT.

11 TYPICAL PIPE PENETRATION DETAIL
1/2" = 1'-0"



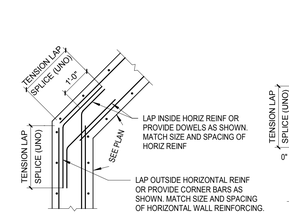
NOTES:
1. WATERSTOP REQUIRED FOR SUB-GRADE WALLS RETAINING BACKFILL MATERIAL. OMIT OTHERWISE.
2. ROUGHEN FIRST POUR TO A 1/4" AMPLITUDE OR FORM THE JOINT WITH A STAY-IN-PLACE PERFORATED METAL BULKHEAD TO ACHIEVE THE SAME RESULT.

7 TYPICAL WALL CONSTRUCTION JOINT
1/2" = 1'-0"

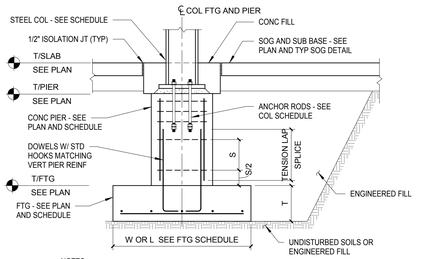


NOTES:
1. T = FOOTING THICKNESS - SEE FOOTING SCHEDULE.
2. EVENLY SPACE FOOTING REINFORCEMENT.

2 TYPICAL COLUMN FOOTING WITHOUT PIER
1/2" = 1'-0"



6 TYPICAL WALL REINFORCING DETAILS
1/2" = 1'-0"



NOTES:
1. T = FOOTING THICKNESS - SEE FOOTING SCHEDULE.
2. S = PIER TIE SPACING - SEE PIER SCHEDULE.
3. EVENLY SPACE FOOTING REINFORCEMENT.

1 TYPICAL COLUMN FOOTING WITH PIER
1/2" = 1'-0"

6/14/2017 1:14:18 PM

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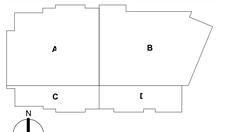
2	ADDENDUM 08	06/15/2017
1	ISSUED FOR BID	03/01/2017



KEY PLAN

Drawing Title:

TYPICAL FOUNDATION DETAILS

Project No.: 005005.00 Checked by: Checker

S0301

NOTE: UPON COMMENCEMENT OF WORK IN THE STORM SHELTER AREA IT SHALL BE CONTINUOUS AND PHASED SEPARATELY FROM THE REMAINING PORTIONS OF THE BUILDING.

ONCE STARTED, ALL STORM SHELTER FOOTINGS, FOUNDATION WALLS, AND MASONRY MUST BE WORKED ON DAILY, PAUSING ONLY FOR INSPECTIONS, UNTIL COMPLETED.

1 LEVEL 01 PLAN - AREA A
1/8" = 1'-0"

GENERAL FLOOR PLAN NOTES

1. REFER TO SHEET A0001 FOR LIST OF TYPICAL ABBREVIATIONS AND TYPICAL ARCHITECTURAL GRAPHIC LEGENDS AND SYMBOLS.
2. REFER TO ENLARGED ELEVATIONS FOR EXTERIOR FINISHES AND FRAME TYPES.
3. ALL EXTERIOR WALL ASSEMBLIES ARE BC-0 UNO.
4. SEE A0400 FOR EXTERIOR WALL ASSEMBLIES TYPES, THICKNESSES, AND MATERIALS
5. REFER TO SHEET A0002 FOR TYPICAL MOUNTING HEIGHTS.
6. DIMENSIONS ARE FROM FACE OF WALL UNLESS NOTED OTHERWISE.
7. OPENING DIMENSIONS ARE FROM FACE OF WALL TO OUTSIDE OF FRAME.
8. IF OPENING IS NOT DIMENSIONED, OUTSIDE FACE OF FRAME TO BE 4" FROM ADJACENT PARTITION.
9. PROVIDE BLOCKING AT WALL HUNG ACCESSORIES, EQUIPMENT AND CASEWORK.
10. PREPARE SUBSURFACE AS REQUIRED FOR NEW FLOORING FINISH.

FLOOR PLAN NOTES

1. INTERACTIVE WHITE BOARD, FURNISHED BY OWNER, CONTRACTOR-INSTALLED
2. BUILDING EXPANSION JOINT WITH CONTINUOUS RATED EXPANSION JOINT COVER AT WALL/CEILING
3A. **ALTERNATE 1A:** PROVIDE MILLWORK CUBBIES WITH COAT HOOKS
3B. **ALTERNATE 1B:** PROVIDE LOCKABLE WALL CASEWORK CABINETS ABOVE KINDERGARTEN CUBBIES
4. VOLLEYBALL INSERT (TYP. 6)
5. MOTORIZED, FORWARD FOLD, HEIGHT ADJUSTABLE BACKSTOP (TYP. 4)
6. FIRE EXTINGUISHER CABINET - RECESSED
7. FIRE EXTINGUISHER - TYPE K
8. WALL MOUNTED STEEL ROOF ACCESS LADDER - PAINTED
9. ALL EXTERIOR FACE BRICK TO RECEIVE ANI-GRAFFITI COATING FULL HEIGHT
10. BLEACHERS, SEE SPECIFICATION
11. SCORE BOARD, SEE SPECIFICATION
12. **ALTERNATE 2:** DISPLAYCASE, SEE INTERIOR ELEVATIONS AND SPECIFICATION
13. DOUBLE TIER LOCKERS, SEE SPECIFICATION
14. SINGLE TIER LOCKERS, SEE SPECIFICATION
16. MODERNFOLD OPERABLE PARTITION, SEE SPECIFICATION
17. **ALTERNATE 3:** MILLWORK AND TREE SEE A0901
18. NANAWALL OPERABLE PARTITION, SEE SPECIFICATION
19. DISPLAYCASE, SEE INTERIOR ELEVATIONS AND SPECIFICATION
20. 1/2" CHAMFER AT FOUNDATION IN THIS LOCATION
21. ACCESS PANEL
22. KNOX BOX - RECESSED
23. AED - RECESSED

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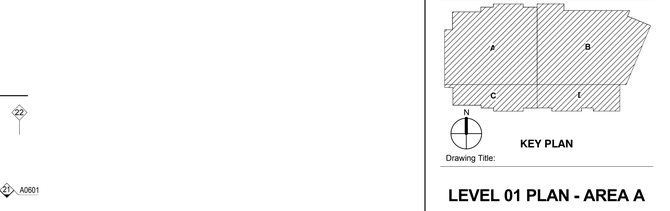

KEY PLAN

Drawing Title:

LEVEL 01 PLAN - AREA A

Project No.: 005005.04 Checked by: Checker

A0101A

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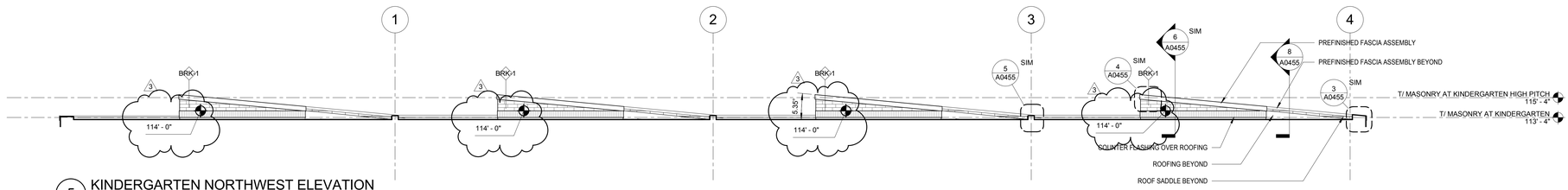
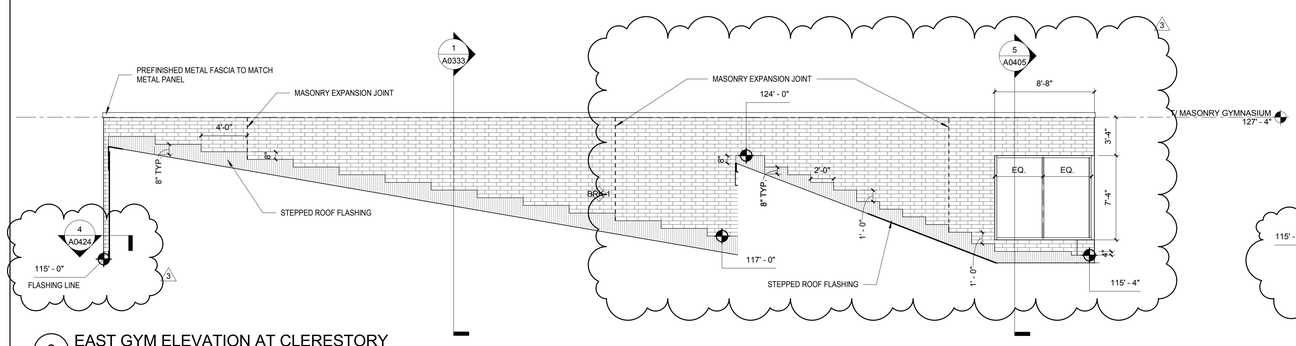


5 KINDERGARTEN NORTHWEST ELEVATION
3/16" = 1'-0"

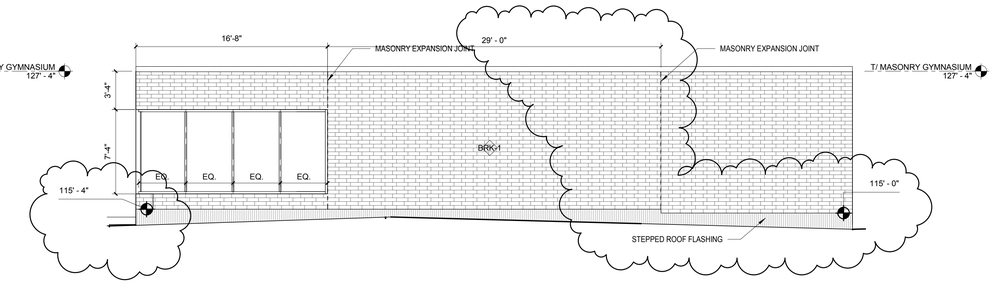
ELEVATION LEGEND

1. ALL BRICK TO BE BRK-1 UNLESS NOTED OTHERWISE
2. SPECIAL BRICK CORNERS FOR BRK-2 THROUGH BRK-14
3. WEEP HOLE VENTILATORS @ 24" OC AT FOUNDATIONS, SILLS AND TOP FOR BRK-2 THROUGH BRK-14
4. XX-X
   SEE A400 FOR WALL CONSTRUCTION

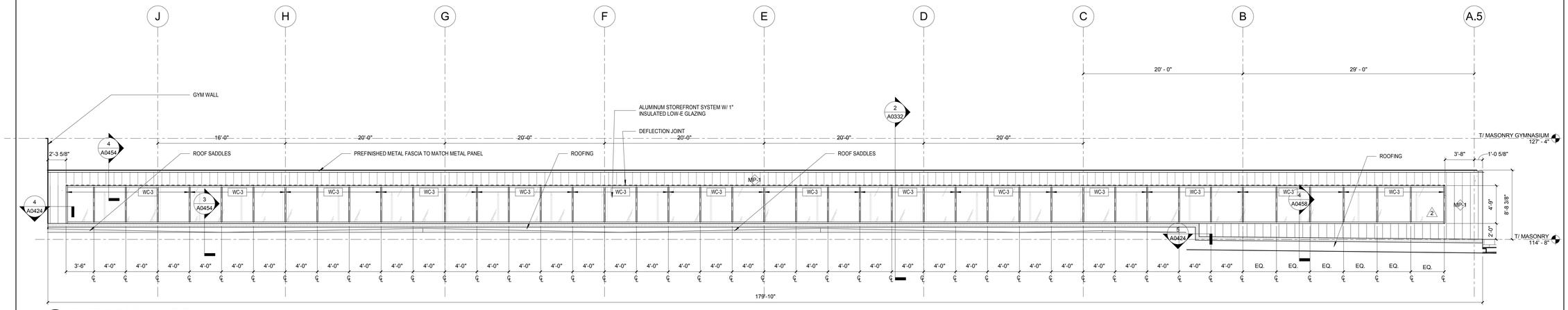
BRK-1	BRICK 1 - UTILITY - 1/3 RUNNING BOND 2 COURSES = 8"
BRK-2	BRICK 2 - NORMAN - 1/3 RUNNING BOND 3 COURSES = 8"
BRK-3-4	COLORED BRICK PATTERN "A": BRICK TYPES 3-4 - MODULAR - RUNNING BOND 2 COURSES = 8"
BRK-6-7-8	COLORED BRICK PATTERN "B": BRICK TYPES 6-7-8 - MODULAR - RUNNING BOND 2 COURSES = 8"
BRK-9-10-11	COLORED BRICK PATTERN "C": BRICK TYPES 9-10-11 - MODULAR - RUNNING BOND 2 COURSES = 8"
BRK-12-13-14	COLORED BRICK PATTERN "D": BRICK TYPES 12-13-14 - MODULAR - RUNNING BOND 2 COURSES = 8"
MP-1	FORMED METAL PANEL
L-1	CONTINUOUS BLADE ARCHITECTURAL LOUVER
2 WC-3	MOTORIZED WINDOW SHADE, SEE FINISH SCHEDULE



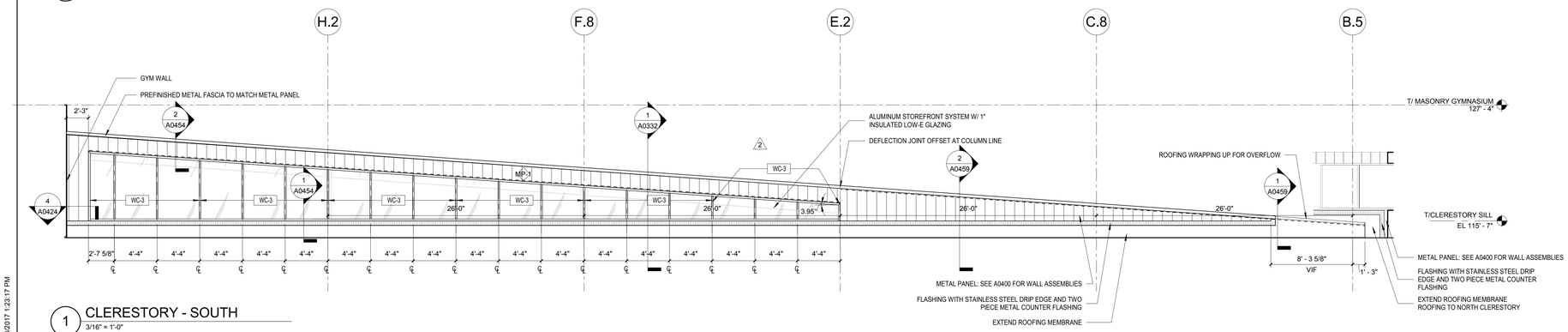
3 EAST GYM ELEVATION AT CLERESTORY
3/16" = 1'-0"



4 NORTH GYM ELEVATION
3/16" = 1'-0"



2 CLERESTORY - NORTH
3/16" = 1'-0"



1 CLERESTORY - SOUTH
3/16" = 1'-0"

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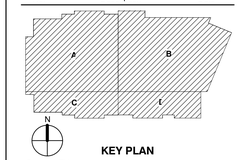


KEY PLAN

Drawing Title:

CLERESTORY ELEVATIONS

Project No.: 005005.04 Checked by: Checker

A0313

NOTES: ALUMINUM WINDOWS

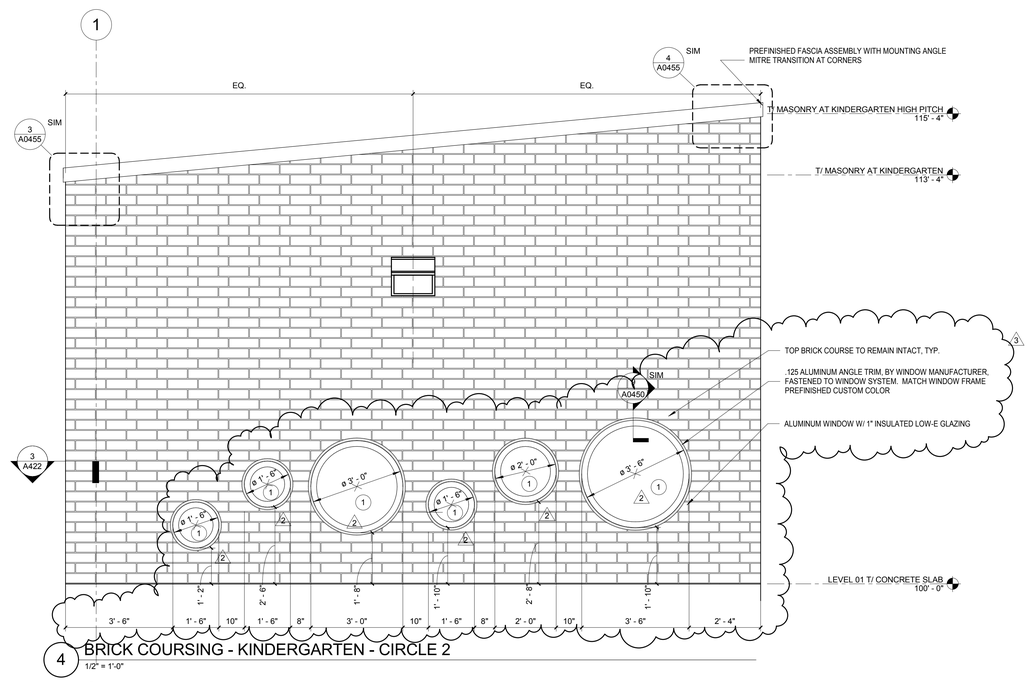
1. CUSTOM COLOR FINISH (INTENT IS TO MATCH GLAZED BRICK 8800): COLOR TO MATCH SHERWIN WILLIAMS, REAL RED SW 6868, WITH INTERIOR PLAM PANEL MANUFACTURER: NEVAMAR, LIBERTY RED S1027T
2. CUSTOM COLOR FINISH (INTENT IS TO MATCH GLAZED BRICK 4505): COLOR TO MATCH SHERWIN WILLIAMS, KILKENNY SW 6740, WITH INTERIOR PLAM PANEL MANUFACTURER: PIONITE, SPRINGTIME SV709 SUEDE
3. CUSTOM COLOR FINISH (INTENT IS TO MATCH GLAZED BRICK 4889): COLOR TO MATCH SHERWIN WILLIAMS, MORNING GLORY SW 6971, WITH INTERIOR PLAM PANEL MANUFACTURER: ARBORITE, IRIS S-573 CA
4. CUSTOM COLOR FINISH (INTENT IS TO MATCH GLAZED BRICK 4863): COLOR TO MATCH SHERWIN WILLIAMS, DAISY SW 6910, WITH INTERIOR PLAM PANEL MANUFACTURER: ARPA, 0647 ERRE FINISH

ELEVATION LEGEND

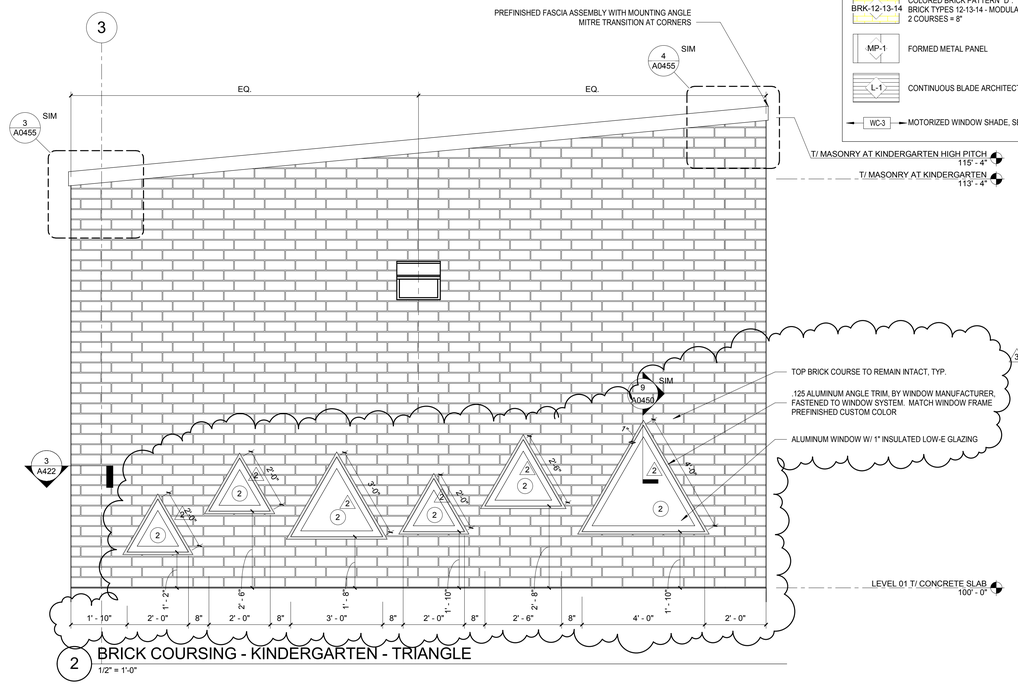
1. ALL BRICK TO BE BRK-1 UNLESS NOTED OTHERWISE
2. SPECIAL BRICK CORNERS FOR BRK-2 THROUGH BRK-14
3. WEEP HOLE VENTILATORS @ 24" OC AT FOUNDATIONS, SILLS AND TOP FOR BRK-2 THROUGH BRK-14
4. XX-X

SEE A400 FOR WALL CONSTRUCTION

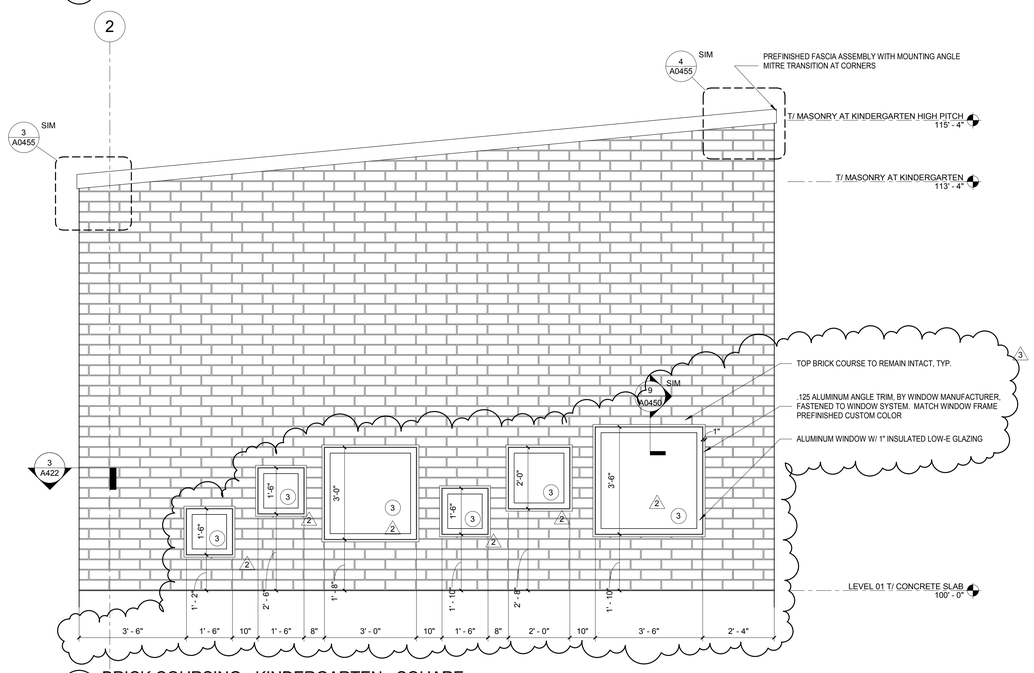
- BRK-1 — BRICK 1 - UTILITY - 1/3 RUNNING BOND, 2 COURSES = 8"
- BRK-2 — BRICK 2 - NORMAN - 1/3 RUNNING BOND, 3 COURSES = 8"
- BRK-3-4 — COLORED BRICK PATTERN "A": BRICK TYPES 3-4 - MODULAR - RUNNING BOND, 2 COURSES = 8"
- BRK-6-7-8 — COLORED BRICK PATTERN "B": BRICK TYPES 6-7-8 - MODULAR - RUNNING BOND, 2 COURSES = 8"
- BRK-9-10-11 — COLORED BRICK PATTERN "C": BRICK TYPES 9-10-11 - MODULAR - RUNNING BOND, 2 COURSES = 8"
- BRK-12-13-14 — COLORED BRICK PATTERN "D": BRICK TYPES 12-13-14 - MODULAR - RUNNING BOND, 2 COURSES = 8"
- MP-1 — FORMED METAL PANEL
- L-1 — CONTINUOUS BLADE ARCHITECTURAL LOUVER
- WC-3 — MOTORIZED WINDOW SHADE, SEE FINISH SCHEDULE



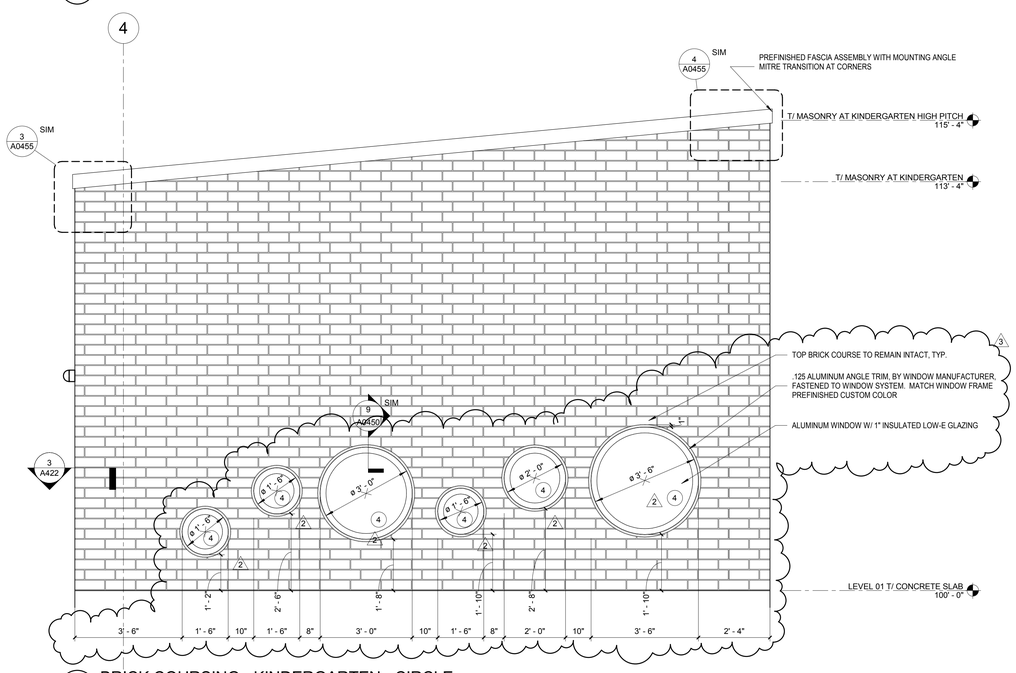
4 BRICK COURSING - KINDERGARTEN - CIRCLE 2
1/2" = 1'-0"



2 BRICK COURSING - KINDERGARTEN - TRIANGLE
1/2" = 1'-0"



3 BRICK COURSING - KINDERGARTEN - SQUARE
1/2" = 1'-0"



1 BRICK COURSING - KINDERGARTEN - CIRCLE
1/2" = 1'-0"

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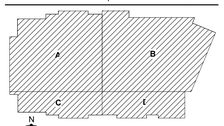


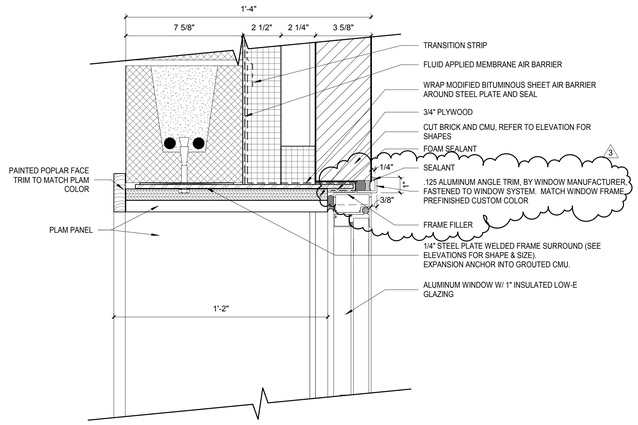
KEY PLAN

Drawing Title:

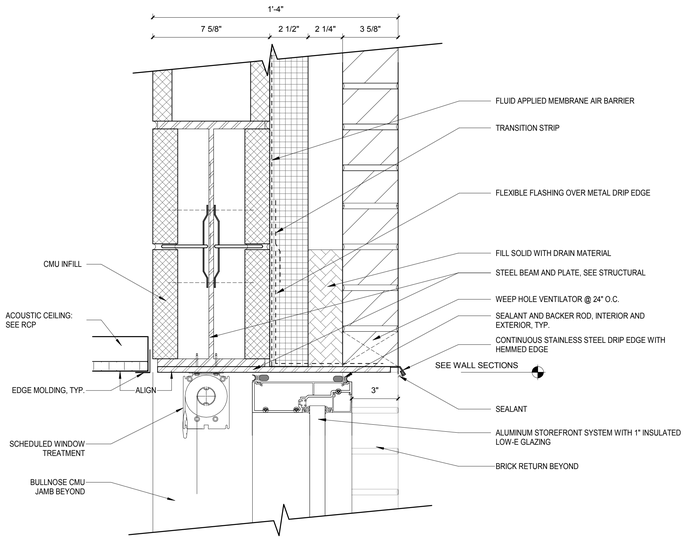
BRICK COURSING - KINDERGARTEN ELEVATION

Project No.: 005005.04 Checked by: Checker

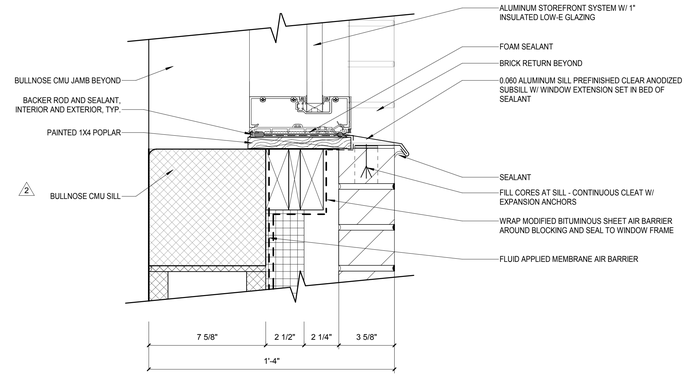
A0314



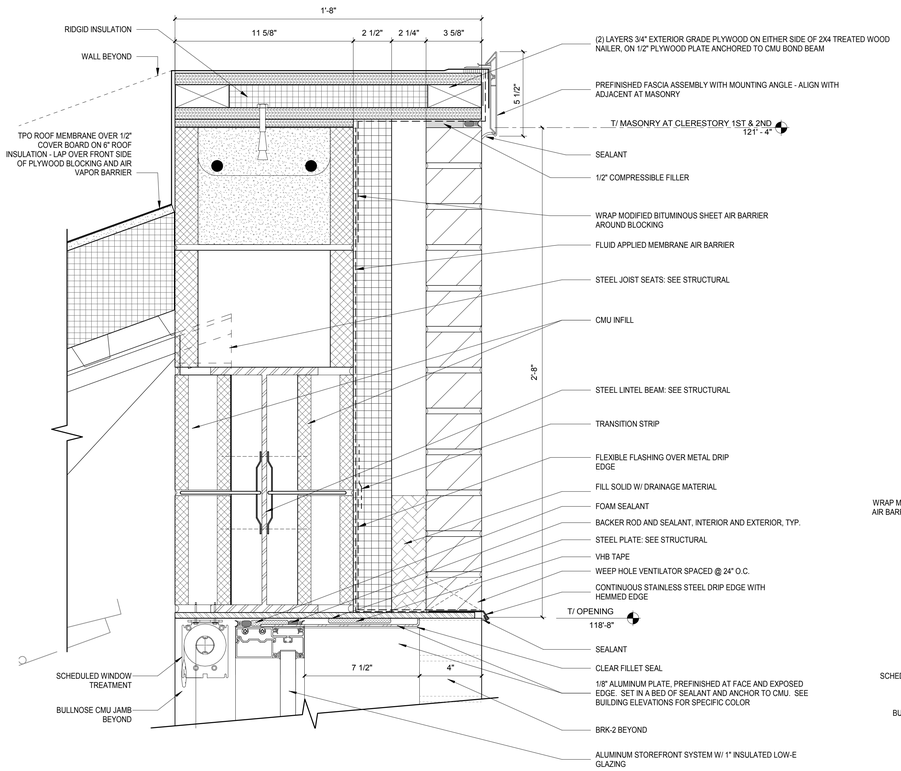
9 KINDERGARTEN 337 FRAME DETAIL AT WINDOW SHAPES (TYP.)
3" = 1'-0"



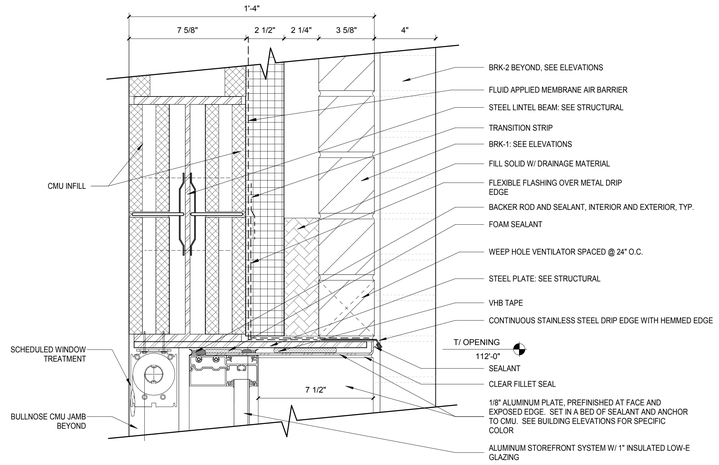
8 KINDERGARTEN AND CONFERENCE ROOM WINDOW HEAD (TYP.)
3" = 1'-0"



7 KINDERGARTEN AND CONFERENCE ROOM NORTH WINDOW SILL (TYP.)
3" = 1'-0"



6 1ST & 2ND GRADE COLLABORATION SOUTH AT CLERESTORY (TYP.)
3" = 1'-0"

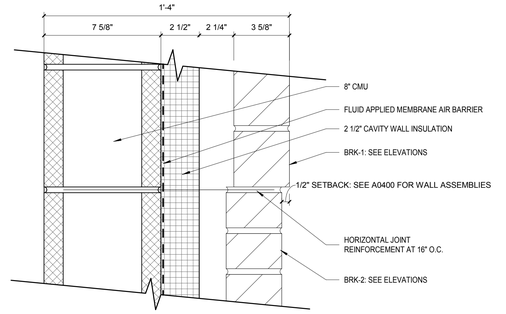


5 1ST & 2ND GRADE COLLABORATION SOUTH AT LOWER WINDOW HEAD (TYP.)
3" = 1'-0"

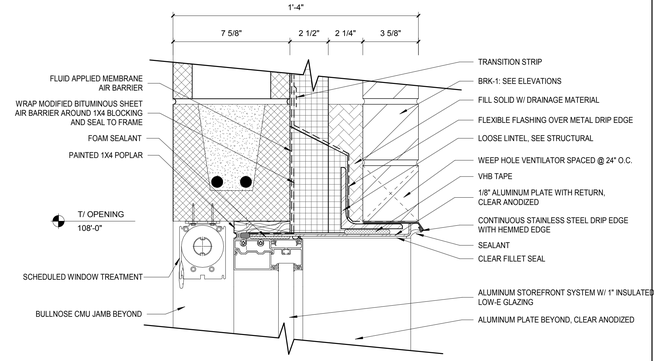
A0400 SERIES GENERAL NOTES

1. FLUID APPLIED MEMBRANE AIR BARRIER IS TO BE USED FOR ALL CMU SUBSTRATES. USE TRANSITION STRIP OVERLAPPING THE FLEXIBLE FLASHING AND SEALING AGAINST FLUID APPLIED MEMBRANE AIR BARRIER.

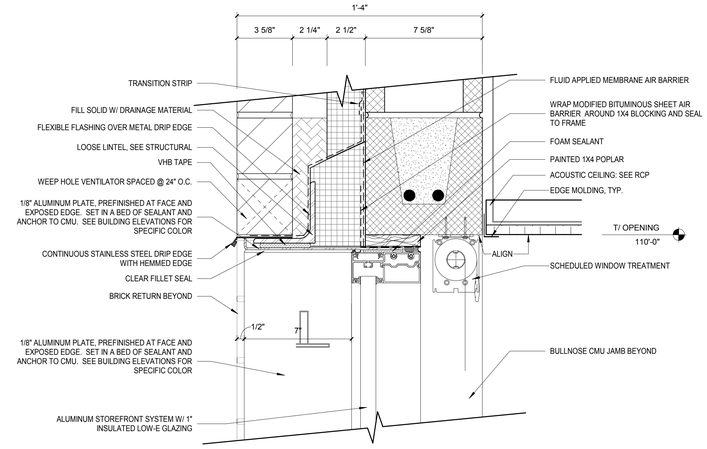
2. MODIFIED BITUMINOUS SHEET AIR BARRIER IS TO BE USED FOR ALL COLD FORM METAL FRAMED GYPSUM SHEETING SUBSTRATES. ALSO USE AS A TRANSITION FROM FLUID APPLIED AIR BARRIER TO SEAL AGAINST ADJACENT MATERIALS PER SPECIFICATION



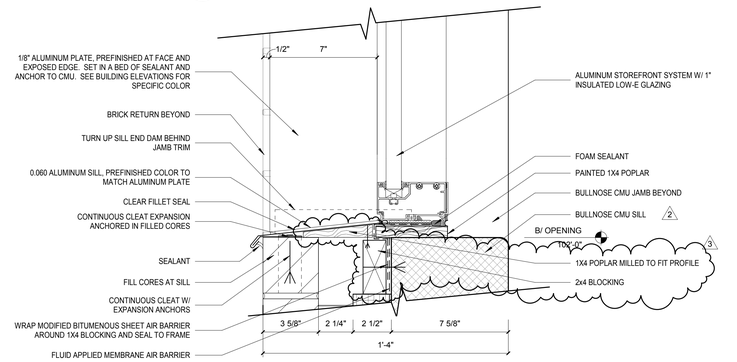
4 EXTERIOR SECTION DETAIL - ADMIN 1/2" SETBACK
3" = 1'-0"



3 EXTERIOR SECTION DETAIL - ADMIN WINDOW HEAD FRAME
3" = 1'-0"



2 CLASSROOM WINDOW HEAD (TYP.)
3" = 1'-0"



1 CLASSROOM WINDOW SILL (TYP.)
3" = 1'-0"

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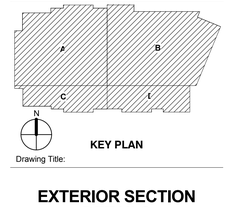


KEY PLAN

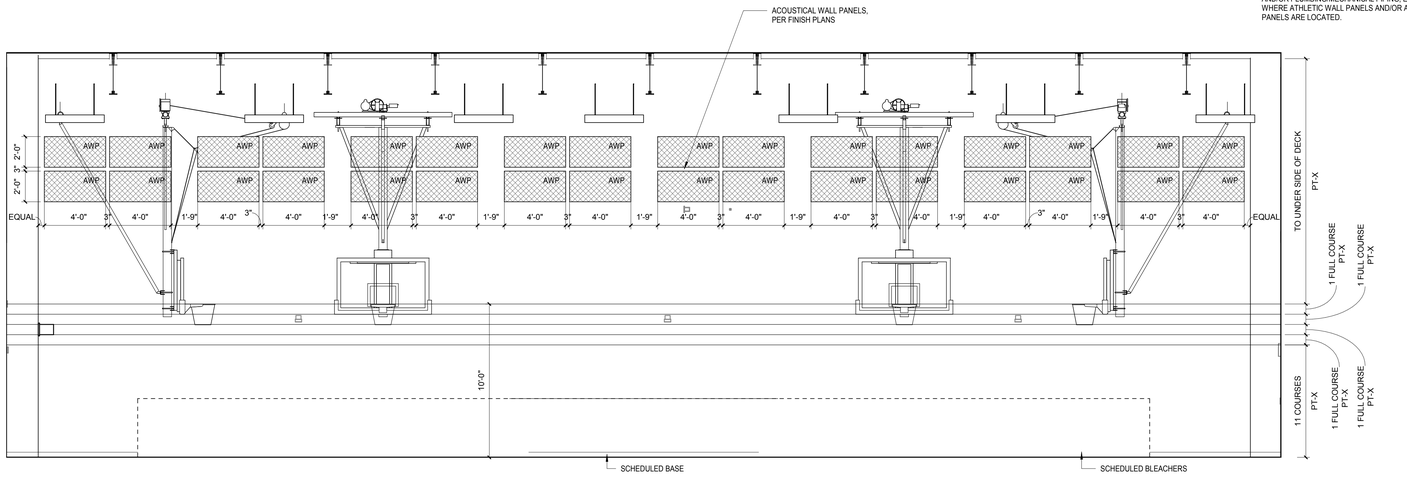
Drawing Title:

EXTERIOR SECTION DETAILS

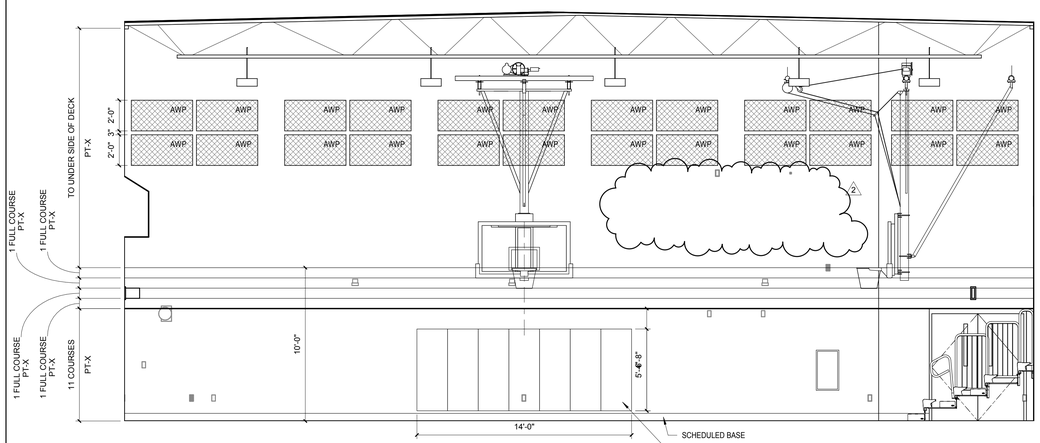
Project No.: 005005.04 Checked by: Checker

A0450

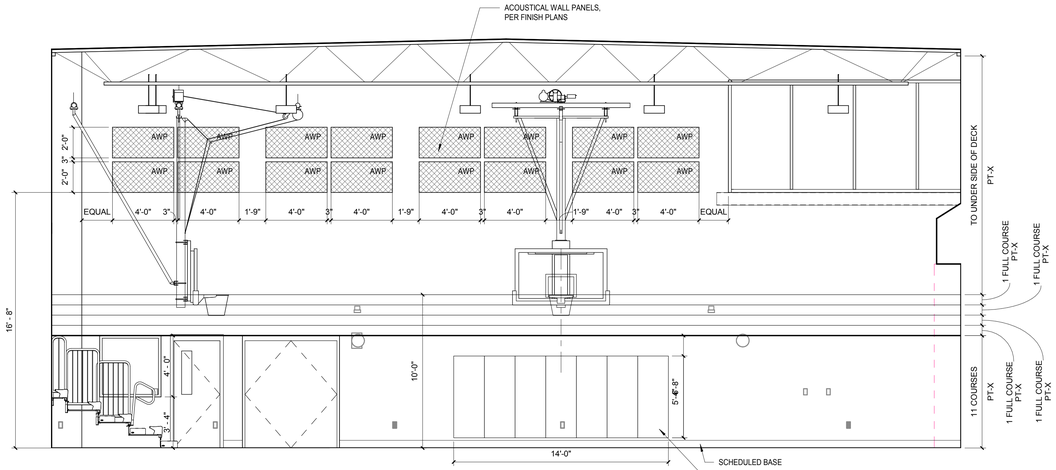
GENERAL NOTE: DO NOT LOCATE ANY ELECTRICAL DEVICES AND/OR PLUMBING/MECHANICAL PIPING, ETC. ON THE WALL WHERE ATHLETIC WALL PANELS AND/OR ACOUSTICAL WALL PANELS ARE LOCATED.



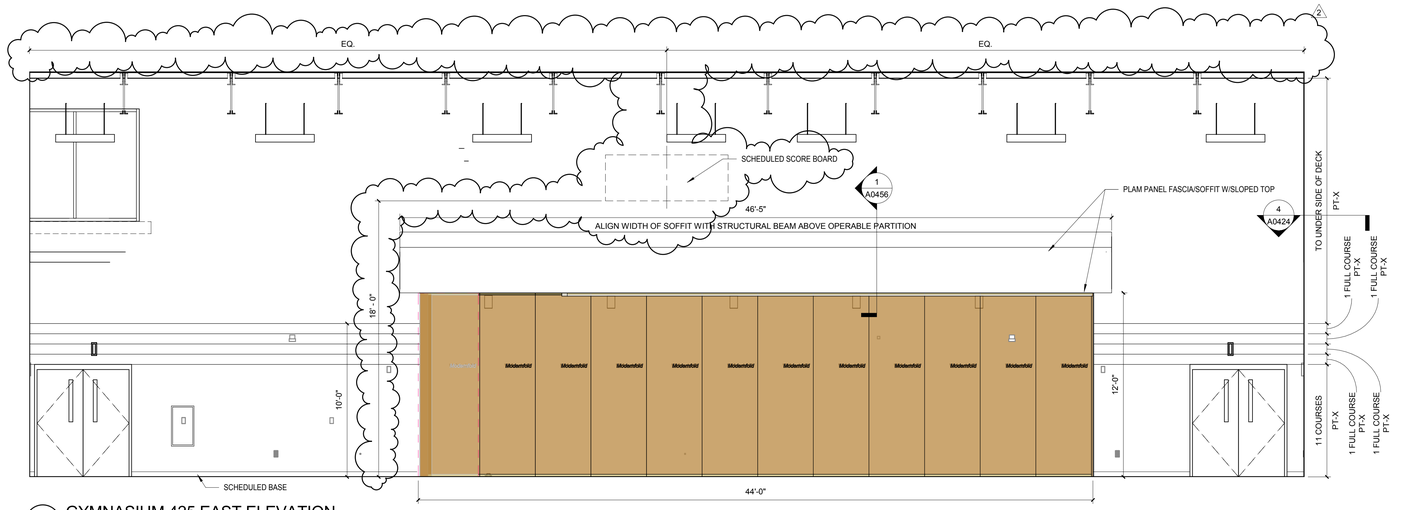
4 GYMNASIUM 425 WEST ELEVATION
1/4" = 1'-0"



3 GYMNASIUM 425 SOUTH ELEVATION
1/4" = 1'-0"



2 GYMNASIUM 425 NORTH ELEVATION
1/4" = 1'-0"



1 GYMNASIUM 425 EAST ELEVATION
1/4" = 1'-0"

ROCKFORD PUBLIC SCHOOLS

ROCKFORD PUBLIC SCHOOLS

SCHOOL B, ZONE 1

CANNONDESIGN
225 North Michigan Avenue, Suite 1100
Chicago, Illinois 60601
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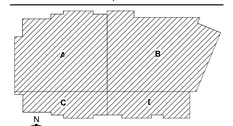
PROFESSIONAL DESIGN FIRM
LICENSE NUMBER 184.005683

S2O CONSULTANTS, INC
Kitchen Consultants
13 Winding Branch Rd
Hawthorn Woods IL 60047
224-717-1999

ARC DESIGN RESOURCES INC.
Civil Consultants
5291 Zenith Parkway
Loves Park IL 61111
(815) 484-4300

No.	Description	Date
2	ADDENDUM 08	06/15/2017
1	ISSUED FOR BID	03/01/2017



KEY PLAN

Drawing Title:

INTERIOR ELEVATIONS - GYMNASIUM

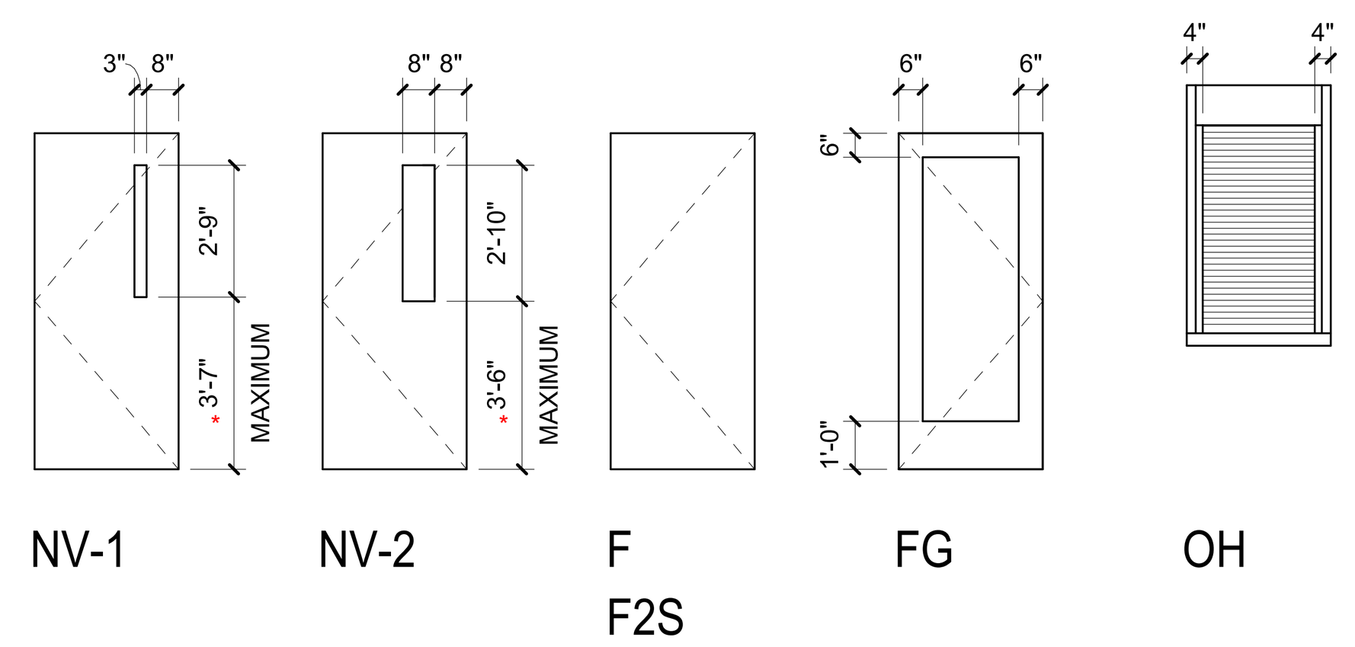
Project No.: 005005.04 Checked by: Checker

A0609

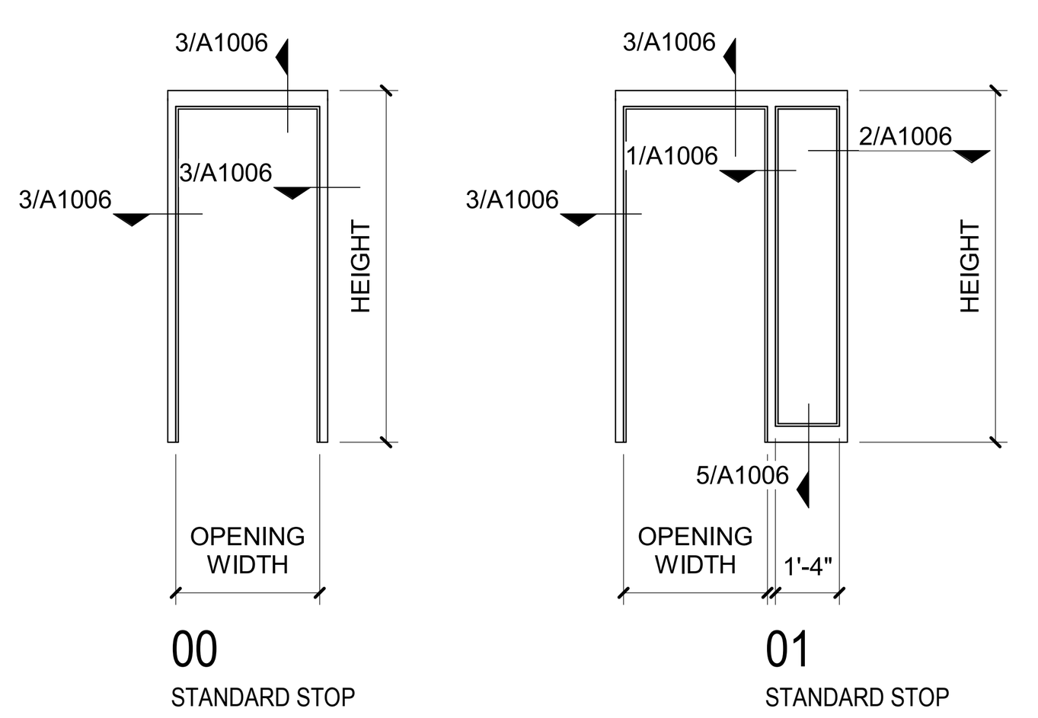
C:\Revit Local Files\2NPES_B_ARCH_skuntz.rvt

DOOR SCHEDULE

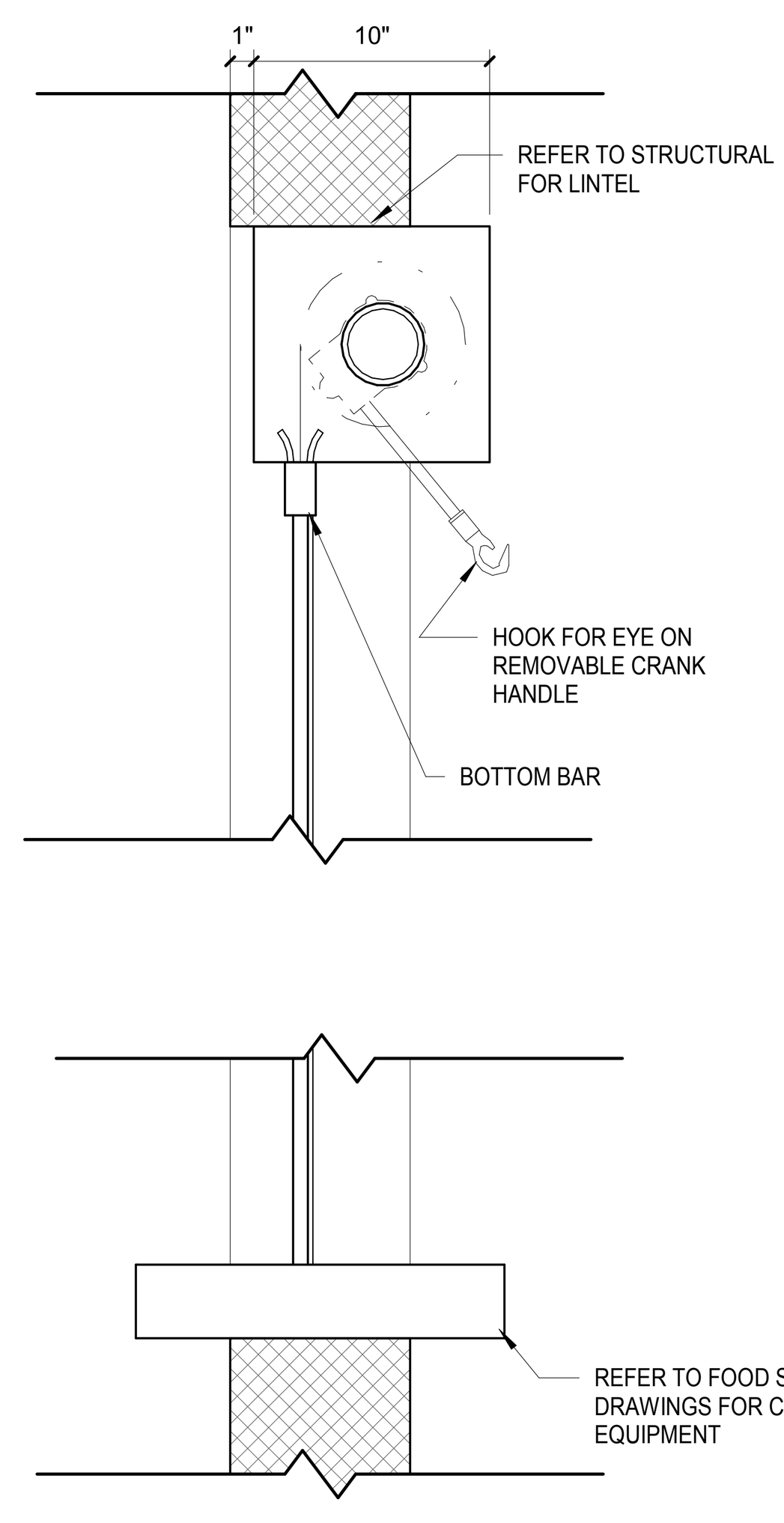
OPENING NUMBER	DOOR TYPE	SIZE: OPENING WIDTH	SIZE: LEAF WIDTH	SIZE: OPENING HEIGHT	SIZE: THICKNESS	MATERIAL	GLASS TYPE	FRAME TYPE	FRAME MATERIAL	DETAILS: HEAD	DETAILS: JAMB	DETAILS: SILL	FRAME GLASS TYPE	FIRE RATING (MIN.)	HARDWARE SET	COMMENTS
420A	OH	2' - 8"		5' - 5 1/8"		AL	-	-	ST	-	-	-			10.00	
420B	OH	14' - 8"		5' - 5 1/8"		AL	-	-	ST	-	-	-			10.00	
422A	F, F	6' - 0"	3' - 0"	7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.05	
423A	F, F	6' - 0"	3' - 0"	7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			3.00	
424A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC4.15	
425A	NV-2, NV-2	6' - 0"	3' - 0"	7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC3.07 △2	4
425B	NV-2, NV-2	6' - 0"	3' - 0"	7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC3.07	4
425C	NV-2, NV-2	6' - 0"	3' - 0"	7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			2.00	4
426A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.14	
427A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		90	E4.00 △2	
428A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		90	E4.00	
429A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC4.10	
430A	NV-1	3' - 0"		7' - 0"	1 3/4"	WD	G2	00	HM	04/A1006	03/A1006	-		90	E5.00 △2	3
431A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3
432A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3
433A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3
434A	NV-1	3' - 0"		7' - 0"	1 3/4"	WD	G2	00	HM	04/A1006	03/A1006	-		90	AC3.06	3
434B	NV-1	3' - 0"		7' - 0"	1 3/4"	WD	G2	00	HM	04/A1006	03/A1006	-		90	2.03 △2	3
435A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			8.03	
436A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			3.04	



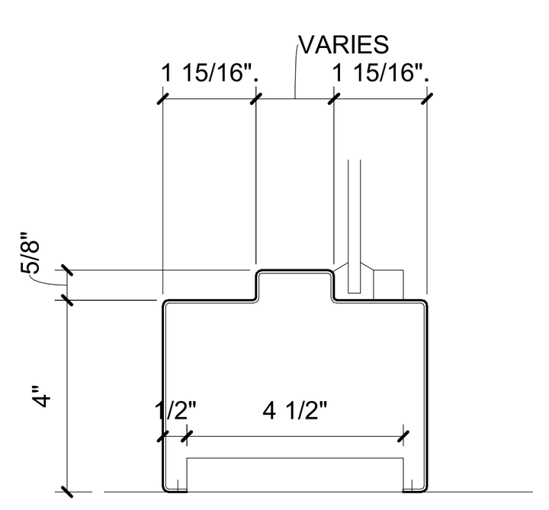
PANEL TYPES



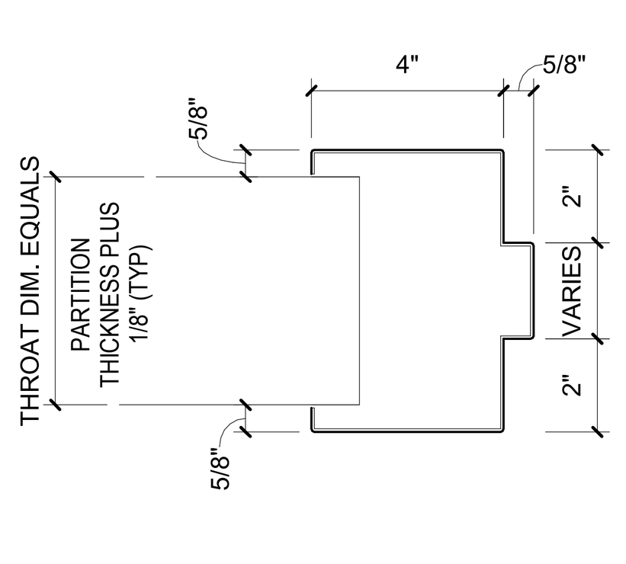
FRAME TYPES



6 OH COUNTER DOOR SECTION (TYP.)
1 1/2" = 1'-0"



5 HM PROFILE
3" = 1'-0"



4 HM PROFILE
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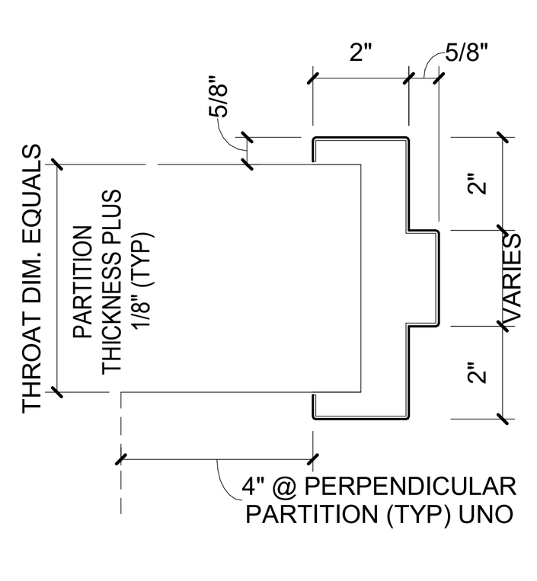

3 HM PROFILE
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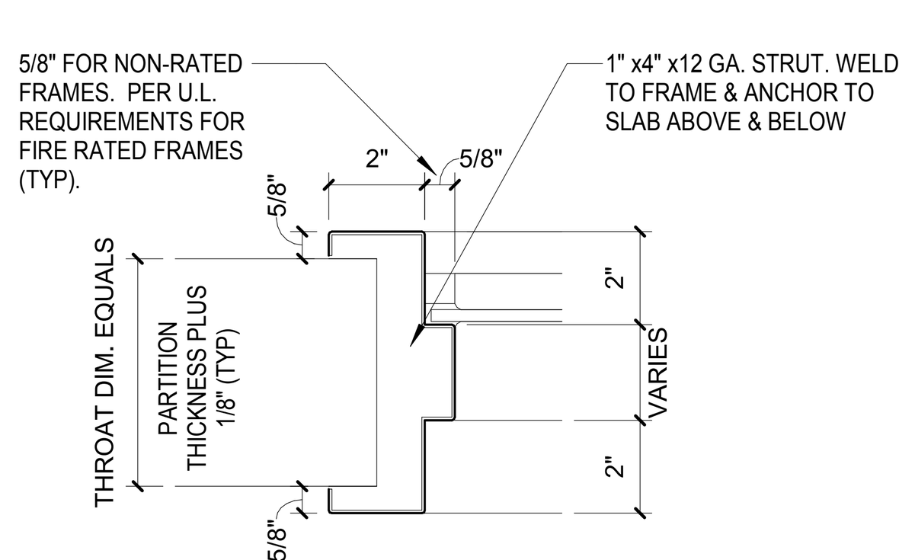

2 HM PROFILE
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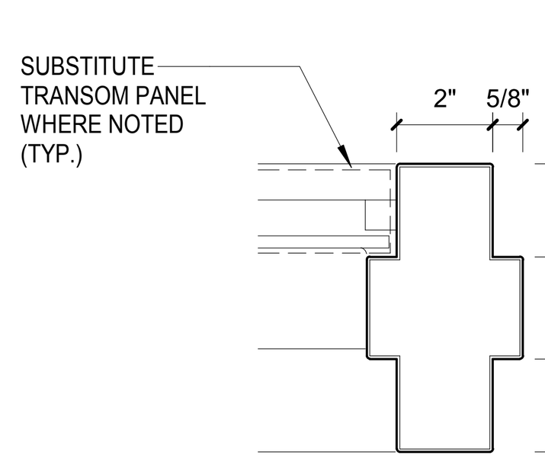


1 HM PROFILE
3" = 1'-0"

6/13/2017 1:23:49 PM

DOOR SCHEDULE

OPENING NUMBER	DOOR TYPE	SIZE: OPENING WIDTH	SIZE: LEAF WIDTH	SIZE: OPENING HEIGHT	SIZE: THICKNESS	MATERIAL	GLASS TYPE	FRAME TYPE	FRAME MATERIAL	DETAILS: HEAD	DETAILS: JAMB	DETAILS: SILL	FRAME GLASS TYPE	FIRE RATING (MIN.)	HARDWARE SET	COMMENTS
100A	FG, FG	6' - 0"	3' - 0"	7' - 9 1/2"	1 3/4"	AL	G4	SEE ELEV	AL				G4		AC1.00	1
100B	FG, FG	6' - 0"	3' - 0"	7' - 9 1/2"	1 3/4"	AL	G1	SEE ELEV	AL				G1		AC1.03	1
100C	FG, FG	6' - 0"	3' - 0"	7' - 9 1/2"	1 3/4"	AL	G4	SEE ELEV	AL				G4		AC1.01	
100D	FG, FG	6' - 0"	3' - 0"	7' - 9 1/2"	1 3/4"	AL	G1	SEE ELEV	AL				G1		AC1.04	
101A	FG	3' - 0"		7' - 0"	1 3/4"	WD	G1	01	HM	04/A1006	03/A1006	-	G1		AC4.09	
101B	FG	3' - 0"		7' - 0"	1 3/4"	WD	G1	01	HM	04/A1006	03/A1006	-	G1		4.00	
102A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			5.01	3
102B	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.16	3
103A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			7.02	2
104A	F, F	6' - 0"	3' - 0"	7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			3.01	
106A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			5.02	3
107A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC4.15	
108A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC4.11 △2	3
108B	F	3' - 0"		7' - 0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			E1.01	
109A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			7.01	2
110A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		45	8.02	2
113A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			6.00	2
114A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.13	
115A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3
115B	FG, FG	6' - 0"	3' - 0"	7' - 1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL				G5		8.00	4
116A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3
116B	FG, FG	6' - 0"	3' - 0"	7' - 0"	1 3/4"	AL	G5	SEE ELEV	AL				G5		8.00 △2	4
117A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3
117B	FG, FG	6' - 0"	3' - 0"	7' - 0"	1 3/4"	AL	G5	SEE ELEV	AL				G5		8.00 △2	4
118A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3
118B	FG, FG	6' - 0"	3' - 0"	7' - 1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL				G5		8.00	4
120A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11 △2	3
121A	FG	3' - 0"		7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL						AC1.05	
121B	FG	3' - 0"		7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL						E1.00 △2	
121C	FG	3' - 0"		7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL						E1.00	
121D	FG	3' - 0"		7' - 10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00	
121E	FG	3' - 0"		7' - 10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00	
121F	FG	3' - 0"		7' - 10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00	
122A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11 △2	3
123A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3
123B	FG, FG	6' - 0"	3' - 0"	7' - 0"	1 3/4"	AL	G5	SEE ELEV	AL				G5		8.00	4
124A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3
124B	FG, FG	6' - 0"	3' - 0"	7' - 0"	1 3/4"	AL	G5	SEE ELEV	AL				G5		8.00 △2	4
125A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3
125B	FG, FG	6' - 0"	3' - 0"	7' - 0"	1 3/4"	AL	G5	SEE ELEV	AL				G5		8.00 △2	4
126A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	
126B	FG, FG	6' - 0"	3' - 0"	7' - 0"	1 3/4"	AL	G5	SEE ELEV	AL				G5		8.00	
128A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.13	
129A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.12	
130A	F, F	6' - 0"	3' - 0"	7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL				G4		AC1.02	
200A	FG, FG	6' - 0"	3' - 0"	7' - 1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04 △2	4
201A	FG, FG	6' - 0"	3' - 0"	7' - 1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04	4
202A	FG, FG	6' - 0"	3' - 0"	7' - 1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04	4
203A	FG, FG	6' - 0"	3' - 0"	7' - 1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04	4
204A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC3.03	3
204B	F, F	8' - 0"	4' - 0"	7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC3.00	4
205.2A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3
205A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3
206A	FG	3' - 0"		7' - 4"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.03	3
207A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11 △2	3
208A	FG	3' - 0"		7' - 4"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.03	3
209A	FG, FG	6' - 0"	3' - 0"	7' - 1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04 △2	
210A	FG, FG	6' - 0"	3' - 0"	7' - 1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04	4
211A	F, F	8' - 0"	4' - 0"	7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC3.00	4
211B	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC3.03	3
212A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3
213A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3
214A	FG, FG	6' - 0"	3' - 0"	7' - 0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04	4
215A	FG, FG	6' - 0"	3' - 0"	7' - 0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04	4
300A	F, F	6' - 0"	3' - 0"	7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL				G4		AC1.07	
301A	FG, FG	5' - 11 1/4"	3' - 0"	7' - 0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04	4
301B	F	3' - 0"		7' - 0"	1 3/4"	HM	-		HM	6/A0457	3/A0420	-			WS1.00	STORM SHELTER DOORS
302A	FG, FG	6' - 0"	3' - 0"	7' - 0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04	4
303A	FG, FG	6' - 0"	3' - 0"	7' - 0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04 △2	4
304A	FG, FG	5' - 11 1/4"	3' - 0"	7' - 0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL				G5		5.04	4
306A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			6.00	2
307A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			6.00	2
308A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			6.00	2
309A	F, F	8' - 0"	4' - 0"	7' - 0"	1 3/4"	HM	-		HM	2/A0457	2/A0801	-		90	WS2.0	STORM SHELTER DOORS, 4
309B	F, F	8' - 0"	4' - 0"	7' - 0"	1 3/4"	HM	-		HM	2/A0457	3/A0801	-		90	WS2.0	STORM SHELTER DOORS, 4
310.1A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			5.03	3
310.2A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			3.05	3
311A	FG	3' - 0"		7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL						E1.00 △2	
311B	FG	3' - 0"		7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL						E1.00	
311C	FG	3' - 0"		7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL						AC1.05	
311D	FG	3' - 0"		7' - 10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00	
311E	FG	3' - 0"		7' - 10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00	
311F	FG	3' - 0"		7' - 10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00	
314A	F, F	6' - 0"	3' - 0"	7' - 0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			3.06	
314B	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.17	
315A	F	3' - 0"		7' - 0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			AC2.03	
315B	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.12 △2	
316A	F, F	6' - 0"	3' - 0"	7' - 0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			AC2.00	
317A	F, F	6' - 0"	3' - 0"	7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.03	
318A	F, F	6' - 0"	3' - 0"	7' - 0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-		90	AC4.00	
318B	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		90	AC4.17 △2	
319A	F	3' - 0"		7' - 0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			AC4.12	
320A	F, F	6' - 0"	3' - 0"	7' - 0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-		90	AC3.04	
321A	F, F	6' - 0"	3' - 0"	7' - 0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			AC2.01	
322A	F, F	8' - 0"	4' - 0"	7' - 0"	1 3/4"	WD		00	HM	04/A1006	03/A1006	-			AC3.01	
322B	F, F	8' - 0"	4' - 0"	7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			2.02 △2	
323A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	
324.1A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	
324.2A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	
325A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	
326A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	
327.1A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	
327.2A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	
328A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.08	
329A	FG	3' - 0"		7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL				G4		AC1.05	
329B	FG	3' - 0"		7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL				G4		E1.00 △2	
329C	FG	3' - 0"		7' - 10"	1 3/4"	AL	G4	SEE ELEV	AL				G4		E1.00	
329D	F, F	8' - 0"	4' - 0"	7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC3.01	
330A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC3.05	3
330B	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			2.04 △2	3
330C	F	3' - 6" △2		7' - 0"	1 3/4"	MDF	-	00	HM	△2 3/A0422 SIM.	3/A0422	-			9.00	
331A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			8.04	2
332A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			8.04	2
333A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			2.04 △2	3
333B	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC3.05	3
333C	F	3' - 6" △2		7' - 0"	1 3/4"	MDF	-	00	HM	△2 3/A0422 SIM.	3/A0422	-			9.00	
334A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC3.05	3
334B	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			2.04 △2	3
334C	F	3' - 6" △2		7' - 0"	1 3/4"	MDF	-	00	HM	△2 3/A0422 SIM.	3/A0422	-			9.00	
335A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			8.04	2
336A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			8.04	2
337A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			2.04 △2	3
337B	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC3.05	3
400A	F, F	8' - 0"	4' - 0"	7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		90	AC3.02	
402A	FG	3' - 0"		7' - 9 3/4"	1 3/4"	AL	G6	SEE ELEV	AL				G6		AC3.08 △2	3
402B	FG	3' - 0"		7' - 9 3/4"	1 3/4"	AL	G6	SEE ELEV	AL				G6		AC3.08	3
402C	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.18	3
402D	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.18	3
403.2A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11 △2	3
403A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3
404A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11 △2	
405A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3
406A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			6.00	2
407A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			3.03	2
408A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			7.00	2
411A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.15	
412A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			3.04	
413A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC4.08	
414A	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			2.04 △3 △2	3
414B	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC3.05	
414C	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			E3.00	3
415A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		45	E3.01	
415B	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		45	E3.01	
416A	F	3' - 0"		7' - 0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			3.04	
417A	FG	3' - 0"		8' - 0"	1 3/4"	AL	G6	SEE ELEV	AL				G6		AC3.08 △2	3
417B	FG	3' - 0"		8' - 0"	1 3/4"	AL	G6	SEE ELEV	AL				G6		2.05	3
418A	F	3' - 0"		7' - 0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			3.07	
419A	NV-2, NV-2	6' - 0"	3' - 0"	7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC4.04	
419C	NV-2	3' - 0"		7' - 0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC4.09	

GENERAL NOTES - OPENING

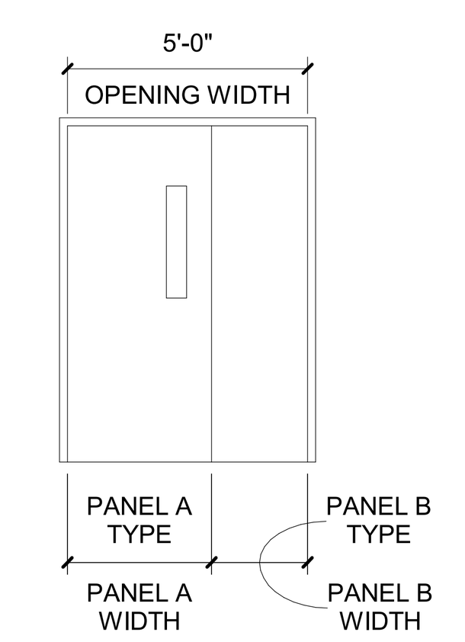
1. SAFETY GLAZING MUST COMPLY WITH LABELING AS PER IBC 2009.
2. STYLES & RAIL SIZES ON WOOD DOORS MIGHT VARY TO THE STANDARD OF EACH MANUFACTURER.
3. FRAME EXTENSIONS ADJUSTING TO WALL DEPTH ARE TYPICAL - REFER TO DOOR DETAILS.
4. FOR HARDWARE GROUP SPECIFICATIONS REFER TO THE PROJECT MANUAL UNDER DOOR HARDWARE SPECS.
5. DIMENSION ARE NOMINAL - MANUFACTURER PROVING THE DOORS TO DETERMINE THE ROUGH OPENINGS, EXCEPT THE OPENING IN CONCRETE WALLS THAT HAVE BEEN ALREADY SPECIFIED.
6. THICKNESS OF GLAZING WITHIN DOORS BY DOOR MANUFACTURER STANDARDS.
7. DOORS TO OPERATE AS SHOWN ON THE EXTERIOR BUILDING ELEVATIONS, ENLARGED UNIT PLANS & OVERALL PLANS.
8. TEMPERED GLAZING WHERE REQUIRED BY CODE (TYPICAL).
9. GENERAL CONTRACTOR TO COORDINATE ALL TRADES INVOLVED.
10. ELECTRICAL DEVICES SUCH AS MAG LOCKS, CARD READERS, AND ALARM SYSTEMS BEING PART OF THE DOOR FUNCTION ARE INCLUDED AS PART OF THE ELECTRICAL PLANS AND THE HARDWARE GROUPS.
11. REFER TO FINISH PLANS FOR DOOR/FRAME FINISHES

GLAZING

G1 1/4" CLEAR LAMINATED GLASS (SAFETY RATED)
G2 FIRE RESISTANT GLAZING (SAFETY RATED)
G3 1" INSULATED GLASS UNIT (SAFETY RATED)
G4 1" INSULATED LAMINATED GLASS UNIT (SECURITY GLAZING)
G5 1/4" CLEAR GLASS (SAFETY RATED)
G6 LAMINATED ACOUSTICAL GLAZING (SECURITY GLAZING)

REMARKS

1. ACCESSIBLE ENTRY WITH PUSH PLATE AND DOOR OPERATOR
2. PROVIDE 3/4 DOOR UNDERCUT
3. PROVIDE ACOUSTICAL GASKETING CONSISTING OF 151A THRESHOLD, 313AN DOOR BOTTOM, S88D PERIMETER GASKETING.
4. PROVIDE ACOUSTICAL GASKETING CONSISTING OF 151A THRESHOLD, (2) 313AN DOOR BOTTOM, S88D PERIMETER GASKETING AND (1) S772 MEETING STILE GASKETING.



DOOR PANEL KEY

ABBREVIATIONS

AL ALUMINUM
HM HOLLOW METAL
WD WOOD
ST STEEL

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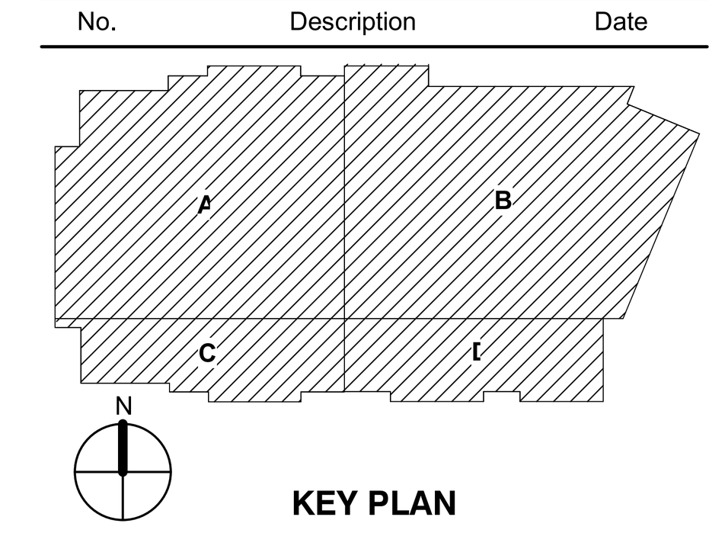
1	ISSUED FOR BID	03/01/2017



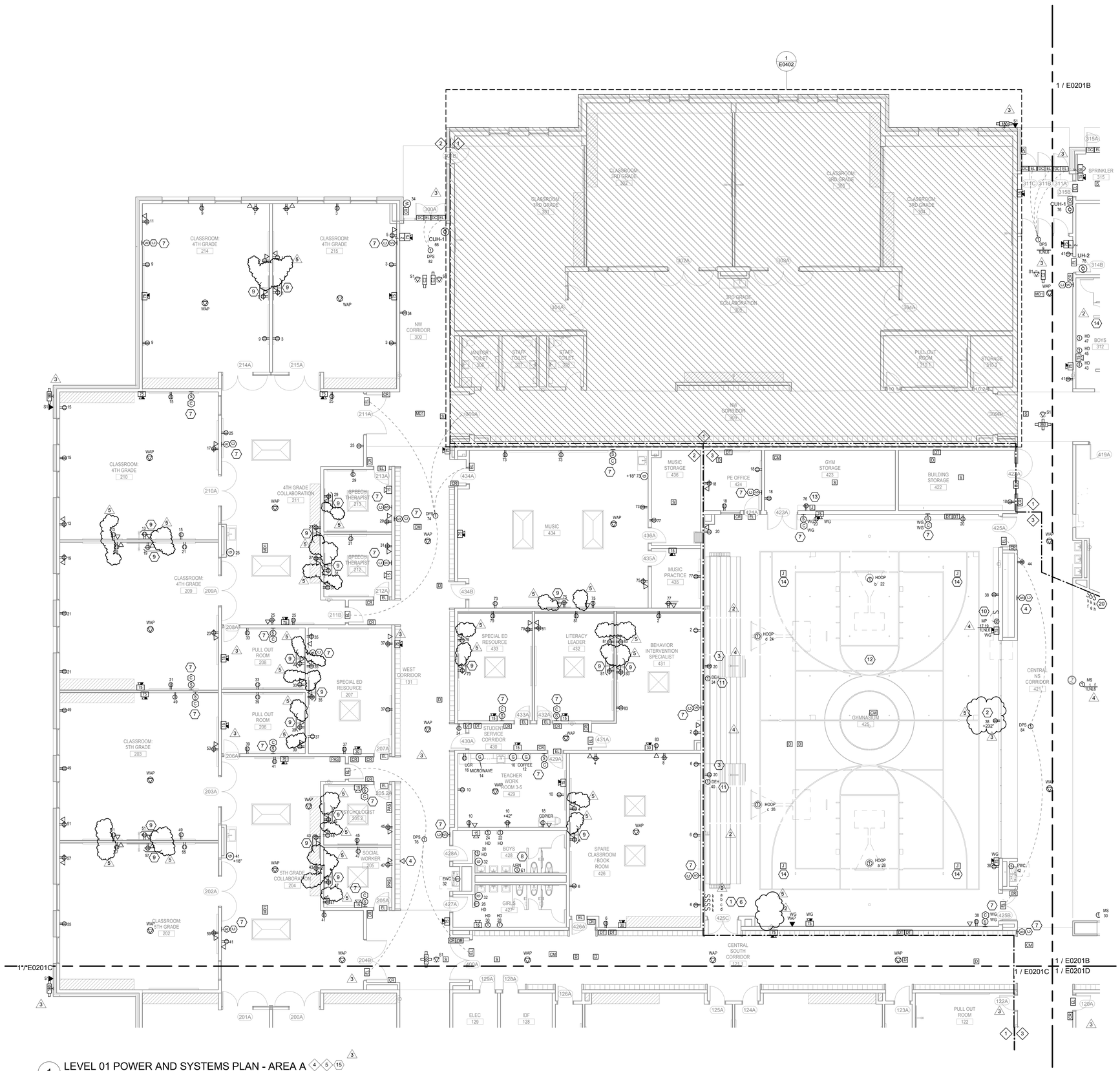
KEY PLAN

Drawing Title:

DOORS & BORROWED LIGHTS SCHEDULE

Project No.: 005005.04 Checked by: Checker

A1006



1 LEVEL 01 POWER AND SYSTEMS PLAN - AREA A 4 5 15
1/8" = 1'-0"

KEYED NOTES ⬡ :

1. KEY OPERATED SWITCHES FOR MOTORIZED BACKSTOPS. ENGRAVE COVERPLATES WITH "A,B,C, AND D BACKSTOP" LETTERING. PROVIDE ALL CONTROL WIRING AND INTERFACE WITH BACKSTOP MOTORS AS REQUIRED. KEYED SWITCHES SHALL BE BY IPI BY BISON OR DRAPER. GANG BACKSTOP SWITCHES IN A 4 GANG ARRANGEMENT. SEE KEYED NOTE #6 FOR ADDITIONAL PROVISIONS.
2. SCOREBOARD LOCATION.
3. PROVIDE DUPLEX MOUNTED ABOVE TOP OF BLEACHERS FOR CHARGING SCORER'S EQUIPMENT. PROVIDE WEATHERPROOF COVER. COORDINATE LOCATION OF DUPLEXES WITH BLEACHER LAYOUT. CENTER EACH DUPLEX ABOVE THE CENTER OF THE BLEACHER STAIRS.
4. NOT USED.
5. NOT USED.
6. PROVIDE A RECESSED LOCKABLE STAINLESS STEEL CABINET THAT WILL ENCLOSE THE CONTROLS FOR LIGHTING AND BACKSTOPS. KEYED SWITCHES SHALL BE BY IPI BY BISON OR DRAPER. PAINT CABINET TO MATCH WALL COLOR.
7. INTERCOM SPEAKER AND CLOCK SHALL BE FURNISHED BY RPS AND INSTALLED BY CONTRACTOR. PROVIDE ONE CATEGORY 6 CABLE AND BACKBOX AT THIS LOCATION. CONTRACTOR SHALL TEST AND TERMINATE CABLE TO THE NEAREST IDF CLOSET.
8. ELECTRICAL CONNECTION SHALL BE HIDDEN BEHIND FLUSH VALVE. EXPOSED FLEXIBLE CONDUIT IS NOT ACCEPTABLE.
9. EXACT MOUNTING HEIGHT OF QUAD RECEPTACLE, DATA OUTLET, AND A/V BACKBOX FOR SMARTBOARD / INTERACTIVE DISPLAY SHALL BE COORDINATED WITH RPS PRIOR TO ROUGH-IN.
10. PROVIDE A RECESSED, STAINLESS STEEL, LOCKABLE CABINET THAT WILL ENCLOSE THE LIGHTING CONTROL WALL STATION AND MOTORIZED PARTITION KEYED SWITCH. PAINT CABINET TO MATCH WALL PAINT COLOR. PROVIDE ENGRAVING FOR MOTORIZED PARTITION SWITCH TO READ "PARTITION". KEYED SWITCH SHALL BE BY IPI BY BISON OR DRAPER.
11. PROVIDE 120V CONNECTION TO DEHUMIDIFICATION UNDER FLOOR SYSTEM. CONTROL PANEL SHALL BE LOCATED RIGHT ABOVE THE FLOOR WITH METAL BLANK COVER. PROVIDE 2#18 AWG WIRE TO HUMIDISTAT BELOW FLOOR. PROVIDE 2#18 AWG WIRES TO THE TWO EXHAUST FANS. PROVIDE ALL WIRING AND TERMINATIONS PER MANUFACTURERS INSTRUCTIONS.
12. COORDINATE LOCATION OF ALL ELECTRICAL DEVICES AT GYMNASIUM WITH WALL MATS SO THAT NO CONFLICTS OCCUR. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
13. PROVIDE A SINGLE GANG JUNCTION BOX WITH 1-1/4" CONDUIT TO THE NEAREST TRUSS FOR OWNER PROVIDED AUDIO RACK.
14. PROVIDE A SINGLE GANG JUNCTION BOX WITH 1" CONDUIT MOUNTED TO NEAREST TRUSS. COORDINATE HEIGHT AND LOCATION OF THE JUNCTION BOX WITH RPS PRIOR TO INSTALLATION. PROVIDE AND INSTALL CABLE SUPPORT/HOOKS FOR 2/22 AWG CABLING THAT WILL BE ROUTED TO GYM STORAGE 423. PROVIDE AUDIO CABLING FROM EACH SPEAKER BACK TO GYM STORAGE 423. COORDINATE WITH ROCKFORD PUBLIC SCHOOLS IT FOR EXACT CABLING REQUIREMENT. NEATLY COIL THE CABLE IN GYM STORAGE 423 AT THE DESIGNATED AUDIO RACK LOCATION.
15. DOOR TAGS SHOWN FOR COORDINATION PURPOSES.

BRANCH CIRCUIT NOTES ◇ :

1. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL1 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

2. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL4 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

3. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL3 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

GENERAL NOTES:

A. VERIFY ALL POWER AND DATA RECEPTACLE MOUNTING HEIGHTS WITH OWNER PRIOR TO INSTALLATION.

B. PENETRATIONS THROUGH THE STORM SHELTER ENVELOPE LARGER THAN 3-1/2 SQUARE INCHES IN AREA FOR RECTANGULAR OPENINGS OR 2-1/16" IN DIAMETER SHALL BE CONSIDERED AN OPENING AND SHALL BE PROVIDED WITH AN OPENING PROTECTIVE DEVICE. REFERENCE STRUCTURAL DRAWINGS. AVOID BUNDLING CONDUIT FEEDERS IN CLOSE PROXIMITY SO THAT THE SHELTER ENVELOPE IS NOT DEGRADED OR THE PENETRATION FALLS INTO THE CONDITION AS DESCRIBED ABOVE.

C. PROVIDE A MINIMUM OF 16" SEPARATION BETWEEN DEVICES ON OPPOSITE SIDES OF WALLS.

HORIZONTAL TERMINATION NOTES ◇ :

4. TERMINATE STRUCTURED TELECOMMUNICATIONS DATA CABLING IN THIS AREA ON PATCH PANELS INSTALLED ON RACKS IN TELECOMMUNICATIONS ROOM 128, REFER TO E0201C FOR ROOM LOCATION.
5. TERMINATE SECURITY SYSTEM CABLING IN THIS AREA AT SECURITY EQUIPMENT INSTALLED IN TELECOMMUNICATIONS ROOM 128, REFER TO E0201C FOR ROOM LOCATION.

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ROCKFORD PUBLIC SCHOOLS

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3	ADDENDUM 05	05/22/2017
2	ADDENDUM 02	04/26/2017
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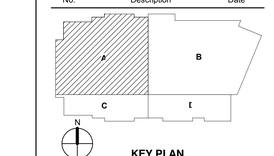

KEY PLAN

Drawing Title:

LEVEL 01 POWER AND SYSTEMS PLAN - AREA A

Project No.: 005005.00 Checked by: JE

E0201A

GENERAL NOTES:

A. VERIFY ALL POWER AND DATA RECEPTACLE MOUNTING HEIGHTS WITH OWNER PRIOR TO INSTALLATION.

B. PROVIDE A MINIMUM OF 16" SEPARATION BETWEEN DEVICES ON OPPOSITE SIDES OF WALLS.

HORIZONTAL TERMINATION NOTES ◇ :

4. TERMINATE STRUCTURED TELECOMMUNICATIONS DATA CABLING IN THIS AREA ON PATCH PANELS INSTALLED ON RACKS IN MDF ROOM 319, UNLESS NOTED OTHERWISE.

5. TERMINATE SECURITY SYSTEM CABLING IN THIS AREA AT SECURITY EQUIPMENT INSTALLED IN MDF ROOM 319, UNLESS NOTED OTHERWISE.

BRANCH CIRCUIT NOTES ◇ :

1. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL1 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

2. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL4 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

3. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL3 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

KEYED NOTES ⬡ :

1. PROVIDE AND INSTALL 1" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE.
2. NOT USED.
3. PROVIDE A DATA CONNECTION FOR TIME CLOCK.
4. INTERCOM SPEAKER AND CLOCK SHALL BE FURNISHED BY RPS AND INSTALLED BY CONTRACTOR. PROVIDE A CATEGORY 6 CABLE AND BACKBOX AT THIS LOCATION. CONTRACTOR SHALL TEST AND TERMINATE CABLE TO THE NEAREST IDF CLOSET.
5. HANDHOLE FOR FIBER AND COPPER COMMUICATION FEEDERS. SIZE PER DESIGNATED REQUIREMENTS. PROVIDE HANDHOLE FIVE FEET FROM THE BUILDING.
6. SEE SHEET E0541 FOR ADDITIONAL INFORMATION.
7. NOT USED
8. PROVIDE (2) 4" CONDUITS ROUTED UNDERGROUND FROM THE EXTERIOR HANDHOLE AND STUBBED UP INTO MDF 319 FOR COPPER AND FIBER FEEDERS. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND ROUTING.
9. PROVIDE RECEPTACLES IN MILLWORK.

KEYED NOTES ⬡ :

10. PROVIDE (1) 4" UNDERGROUND EMPTY CONDUIT TO UTILITY POLE FOR PRIMARY FEEDER. COORDINATE EXACT ROUTING WITH COMED. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND ROUTING
11. PROVIDE UNDERGROUND CONCRETE ENCASE SECONDARY FEEDERS FROM UTILITY TRANSFORMER TO SERVICE SWITCHBOARD.
12. UTILITY TRANSFORMER. PROVIDE CONCRETE PAD AND GROUNDING PER COMED REQUIREMENTS. MAINTAIN 3-FOOT MIN. CLEARANCE FROM THE BUILDING AND 10-FOOT CLEARANCE FROM GENERATOR.
13. EXACT MOUNTING HEIGHT OF QUAD RECEPTACLE, DATA OUTLET AND AV BACKBOX FOR SMARTBOARD / INTERACTIVE DISPLAY SHALL BE COORDINATED WITH RPS PRIOR TO ROUGH-IN.
14. ELECTRICAL CONNECTION SHALL BE HIDDEN BEHIND FLUSH VALVE. EXPOSED FLEXIBLE CONDUIT IS NOT ACCEPTABLE.
15. 20KW EXTERIOR NATURAL GAS GENERATOR IN WEATHERPROOF/SOUND ATTENUATED ENCLOSURE. PROVIDE CONCRETE PAD AND GROUNDING AS REQUIRED. PROVIDE CONNECTIONS FOR HEATER AND BATTERY CHARGER. FOLLOW MANUFACTURER INSTRUCTIONS.
16. ALTERNATE #4: PROVIDE A 30KW EXTERIOR NATURAL GAS GENERATOR IN WEATHERPROOF ENCLOSURE. PROVIDE CONCRETE PAD AND GROUNDING AS REQUIRED. PROVIDE CONNECTIONS FOR HEATER AND BATTERY CHARGER. PROVIDE RESPECTIVE FEEDERS FOR A 30KW UNIT.
17. TAMPER SWITCH FOR INDICATOR VALVE. COORDINATE LOCATION WITH CIVIL DRAWINGS.
18. PROVIDE GROUNDING LOOP WITH ELECTRODES AND INTERFACE WITH BUILDING'S GROUNDING SYSTEM. REFER TO SPECIFICATIONS AND DETAILS.
19. DOOR TAGS SHOWN FOR COORDINATION PURPOSES.
20. KEYED SWITCHES TO CONTROL MOTORIZED SHADES ON CLERESTORY. CORDINATE WITH SHADE MANUFACTURER. GANG SWITCHES TOGETHER.

1 LEVEL 01 POWER AND SYSTEMS PLAN - AREA B
1/8" = 1'-0"

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3	ADDENDUM 05	05/22/2017
2	ADDENDUM 02	04/26/2017
1	ISSUED FOR BID	03/01/2017

KEY PLAN

Drawing Title:

LEVEL 01 POWER AND SYSTEMS PLAN - AREA B

Project No.: 005005.00 Checked by: JE

E0201B

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KEYED NOTES ⬡ :

1. INTERCOM SPEAKER AND CLOCK SHALL BE FURNISHED BY RPS AND INSTALLED BY CONTRACTOR. PROVIDE CATEGORY 6 CABLE AND BACKBOX AT THIS LOCATION. CONTRACTOR SHALL TEST AND TERMINATE CABLE TO THE NEAREST IDF CLOSET.
2. NOT USED.
3. EXACT MOUNTING HEIGHT OF QUAD RECEPTACLE, DATA OUTLET AND AV BACKBOX FOR SMARTBOARD / INTERACTIVE DISPLAY SHALL BE COORDINATED WITH RPS PRIOR TO ROUGH-IN.
4. DOOR TAGS SHOWN FOR COORDINATION PURPOSES. 2

HORIZONTAL TERMINATION NOTES ◇ :

4. TERMINATE STRUCTURED TELECOMMUNICATIONS DATA CABLING IN THIS AREA ON PATCH PANELS INSTALLED ON RACKS IN IDF ROOM 128, UNLESS NOTED OTHERWISE.
5. TERMINATE SECURITY SYSTEM CABLING IN THIS AREA AT SECURITY EQUIPMENT INSTALLED IN IDF ROOM 128, UNLESS NOTED OTHERWISE.

GENERAL NOTES:

A. VERIFY ALL POWER AND DATA RECEPTACLE MOUNTING HEIGHTS WITH OWNER PRIOR TO INSTALLATION.

B. PROVIDE A MINIMUM OF 16" SEPARATION BETWEEN DEVICES ON OPPOSITE SIDES OF WALLS.

BRANCH CIRCUIT NOTES ◇ :

1. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

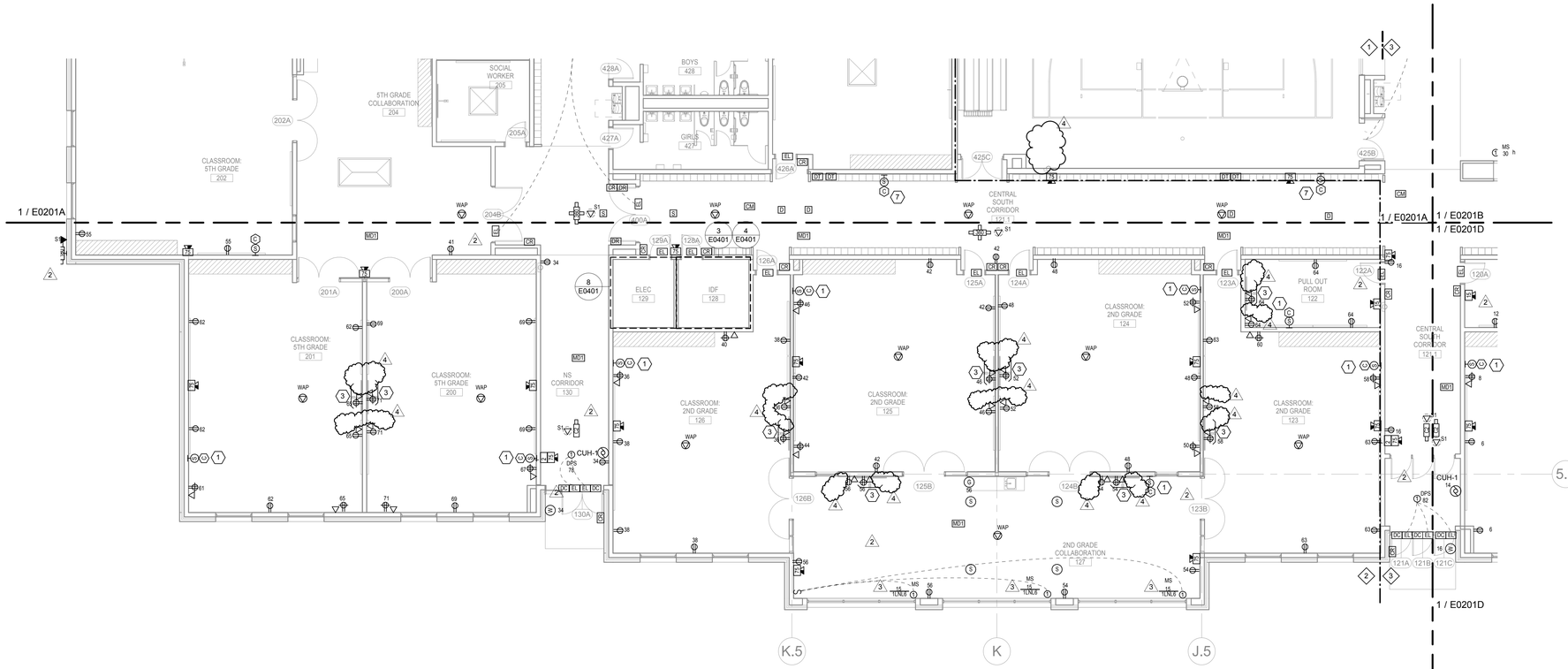
   120 / 208V PANELBOARDS
   1LNL1 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

2. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL4 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

3. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL3 - NORMAL POWER
   1LEL1 - EMERGENCY POWER



1 LEVEL 01 POWER AND SYSTEMS PLAN - AREA C 4 5 4 2
1/8" = 1'-0"

6/13/2017 11:23:00 AM

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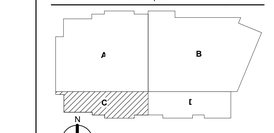
No.	Description	Date
4	ADDENDUM 08	06/15/2017
3	ADDENDUM 06	06/01/2017
2	ADDENDUM 05	05/22/2017
1	ISSUED FOR BID	03/01/2017



KEY PLAN

Drawing Title:

LEVEL 01 POWER AND SYSTEMS PLAN - AREA C

Project No.: 005005.00 Checked by: JE

E0201C

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GENERAL NOTES:

A. VERIFY ALL POWER AND DATA RECEPTACLE MOUNTING HEIGHTS WITH OWNER PRIOR TO INSTALLATION.

B. PROVIDE A MINIMUM OF 16" SEPARATION BETWEEN DEVICES ON OPPOSITE SIDES OF WALLS.

KEYED NOTES ⬡ :

1. INTERCOM SPEAKER AND CLOCK SHALL BE FURNISHED BY RPS AND INSTALLED BY CONTRACTOR. PROVIDE CATEGORY 6 CABLE AND BACKBOXES. CONTRACTOR SHALL TEST AND TERMINATE CABLE TO THE NEAREST IDF CLOSET.

2. PROVIDE, INSTALL AND PROGRAM DOOR RELEASE BUTTON TO RELEASE DOOR 101A. COORDINATE WITH FURNITURE MANUFACTURER FOR RACEWAY INSTALLATION OF DEVICE.

3. NOT USED.

4. PROVIDE PUBLIC ADDRESS AND CLOCK SYSTEM BY ADVANCED NETWORK DEVICES, IP CLOCK SYSTEM. PROVIDE AMPLIFIER, ZONE CONTROLLERS, ADMINISTRATIVE DEVICE AND ALL NECESSARY ACCESSORIES FOR A COMPLETE SYSTEM. PROVIDE CAT6 CABLING AND RJ-45 CONNECTIONS TO ALL SPEAKER/CLOCK DEVICES SHOWN AT THE RESPECTIVE FLOOR PLANS.

5. AIPHONE INTERCOM ROUGH-IN ONLY. PROVIDE AND INSTALL JUNCTION BOX WITH 1" CONDUIT TO ACCESSIBLE CEILING.

6. EXACT MOUNTING HEIGHT OF QUAD RECEPTACLE, DATA OUTLET, AND AV BACKBOX FOR SMARTBOARD / INTERACTIVE DISPLAY SHALL BE COORDINATED WITH RPS PRIOR TO ROUGH-IN.

7. ELECTRICAL CONNECTION SHALL BE HIDDEN BEHIND FLUSH VALVE. EXPOSED FLEXIBLE CONDUIT IS NOT ACCEPTABLE.

8. PROVIDE 1" EMPTY CONDUIT TO ACCESSIBLE CEILING FOR AIPHONE SYSTEM WIRING.

9. CONTRACTOR SHALL VERIFY SIGNAL STRENGTH FROM LOCAL WI-FI ACCESS POINT. PROVIDE MANUFACTURER'S RECOMMENDED dB LEVEL. REPORT ALL DISCREPANCIES TO ENGINEER.

10. CONTRACTOR SHALL COORDINATE WITH RPS IT DEPARTMENT TO ENSURE OWNER'S LAN IS CONFIGURED TO SUPPORT WI-FI LOCKS.

11. INTRUSION DETECTION KEYPAD PROVIDED BY RPS IT DEPARTMENT. COORDINATE WITH OWNER ON FINAL LOCATION.

12. DOOR TAGS SHOWN FOR COORDINATION PURPOSES.

HORIZONTAL TERMINATION NOTES ◇ :

4. TERMINATE STRUCTURED TELECOMMUNICATIONS DATA CABLING IN THIS AREA ON PATCH PANELS INSTALLED ON RACKS IN IDF ROOM 114, UNLESS NOTED OTHERWISE.

5. TERMINATE SECURITY SYSTEM CABLING IN THIS AREA AT SECURITY EQUIPMENT INSTALLED IN IDF ROOM 114, UNLESS NOTED OTHERWISE.

BRANCH CIRCUIT NOTES ◇ :

1. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

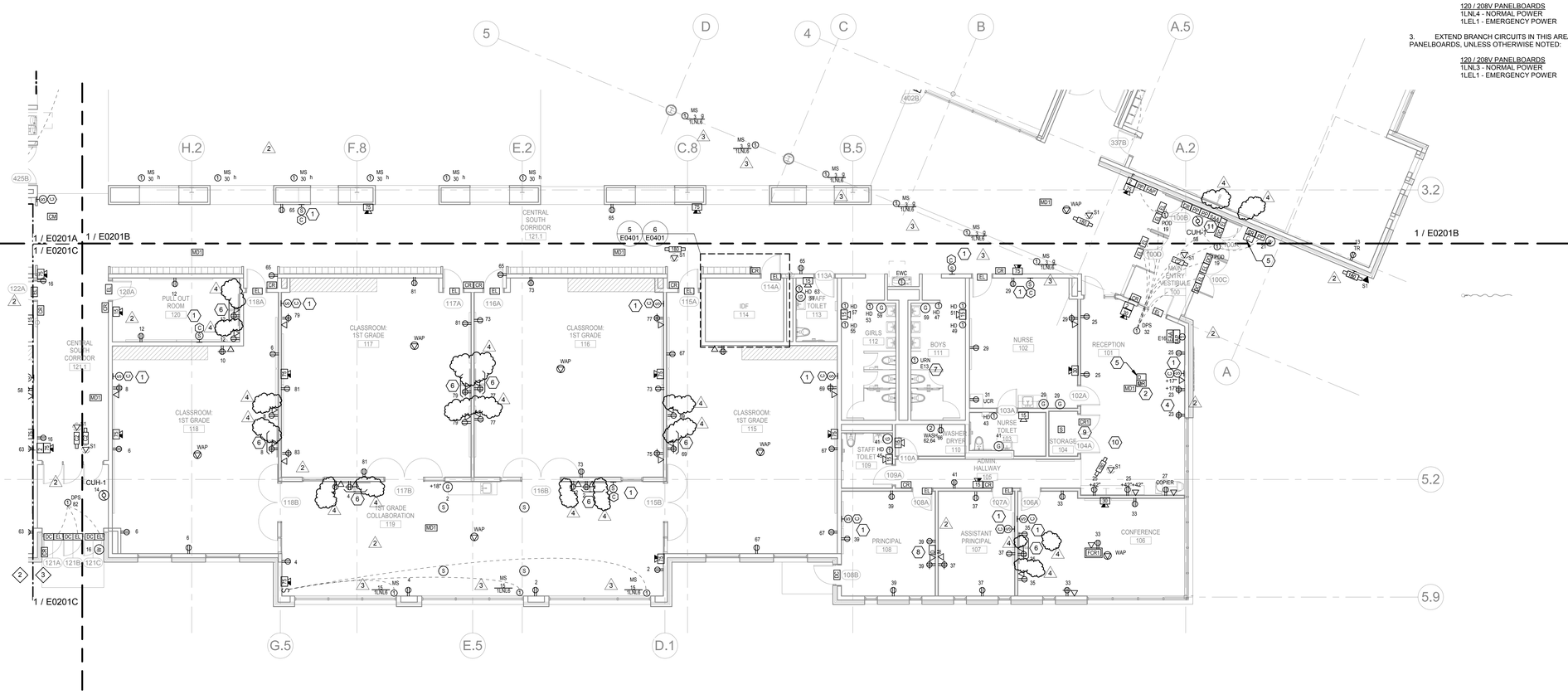
120 / 208V PANELBOARDS
1LNL1 - NORMAL POWER
1LEL1 - EMERGENCY POWER

2. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

120 / 208V PANELBOARDS
1LNL4 - NORMAL POWER
1LEL1 - EMERGENCY POWER

3. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

120 / 208V PANELBOARDS
1LNL3 - NORMAL POWER
1LEL1 - EMERGENCY POWER



1 LEVEL 01 POWER AND SYSTEMS PLAN - AREA D 4 5 12
1/8" = 1'-0"

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No.	Description	Date
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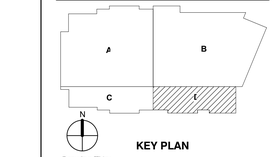
3	ADDENDUM 06	06/01/2017
2	ADDENDUM 05	05/22/2017
1	ISSUED FOR BID	03/01/2017



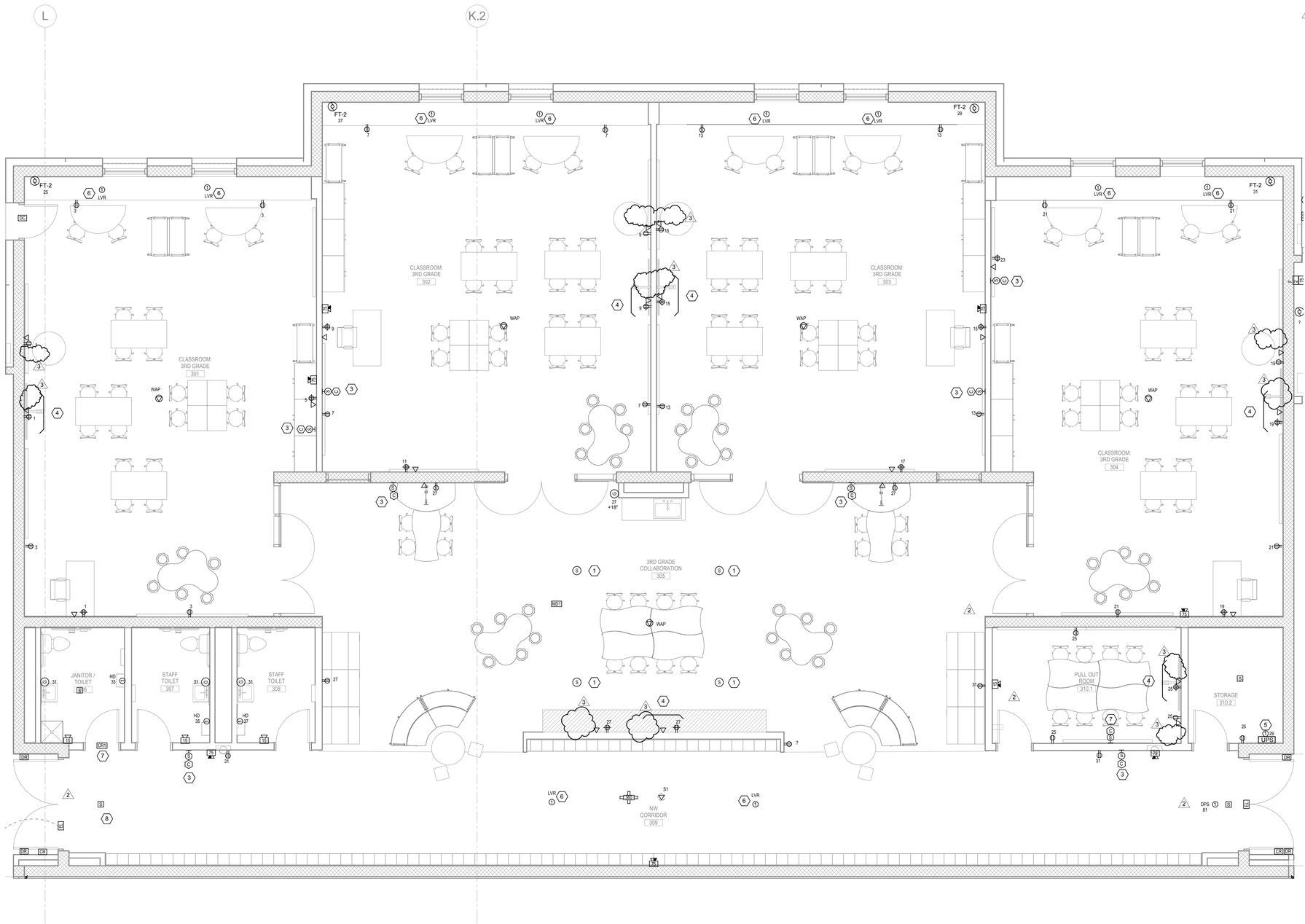
KEY PLAN

Drawing Title:

LEVEL 01 POWER AND SYSTEMS PLAN - AREA D

Project No.: 005005.00 Checked by: JE

E0201D



KEYED NOTES ⬡ :

1. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE.
2. NOT USED.
3. INTERCOM SPEAKER AND CLOCK SHALL BE FURNISHED BY RPS A ND INSTALLED BY CONTRACTOR. PROVIDE A CATEGORY 6 CABLE AND BACKBOX AT THIS LOCATION. CONTRACTOR SHALL TEST AND TERMINATE CABLE TO THE NEAREST IDF CLOSET.
4. EXACT MOUNTING HEIGHT OF QUAD RECEPTACLE, DATA OUTLET AND AV BACKBOX FOR SMARTBOARD / INTERACTIVE DISPLAY SHALL BE COORDINATED WITH RPS PRIOR TO ROUGH-IN.
5. 1000VA UPS FLOOR MOUNT UNIT BY EATON 9130 (PW9130N1000T-EBM) TOWER OR EQUAL BY APC OR TRIPPLITE. PROVIDE HARD WIRE 120V CONNECTION TO DESIGNATED SOLENOID SPRING LOAD FOR LOUVER CONTROL. CONNECT UPS TO DEDICATED 20A, 120V CIRCUIT AS SHOWN. PROVIDE APPROPRIATE SIZE RACK, WALL MOUNT, FOR PLACEMENT OF UPS UNIT.
6. SOLENOID SPRING LOAD FOR LOUVER CONTROLS FOR STORM SHELTER. CONNECT TO UPS IN STORAGE 310.2.
7. VERIFY SIGNAL STRENGTH FROM LOCAL WI-FI ACCESS POINT. PROVIDE MANUFACTURER'S RECOMMENDED dB LEVEL. REPORT ALL DISCREPANCIES TO ENGINEER.
8. COORDINATE WITH RPS IT DEPARTMENT TO ENSURE OWNER'S LAN IS CONFIGURED TO SUPPORT WI-FI LOCKS.

BRANCH CIRCUIT NOTES ◇ :

1. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL1 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

2. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL4 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

3. EXTEND BRANCH CIRCUITS IN THIS AREA TO THE FOLLOWING BRANCH PANELBOARDS, UNLESS OTHERWISE NOTED:

   120 / 208V PANELBOARDS
   1LNL3 - NORMAL POWER
   1LEL1 - EMERGENCY POWER

GENERAL NOTES:

A. VERIFY ALL POWER AND DATA RECEPTACLE MOUNTING HEIGHTS WITH OWNER PRIOR TO INSTALLATION.

B. PENETRATIONS THROUGH THE STORM SHELTER ENVELOPE LARGER THAN 3-1/2 SQUARE INCHES IN AREA FOR RECTANGULAR OPENINGS OR 2-1/16" IN DIAMETER SHALL BE CONSIDERED AN OPENING AND SHALL BE PROVIDED WITH AN OPENING PROTECTIVE DEVICE. REFERENCE STRUCTURAL DRAWINGS. AVOID BUNDLING CONDUIT FEEDERS IN CLOSE PROXIMITY SO THAT THE SHELTER ENVELOPE IS NOT DEGRADED OR THE PENETRATION FALLS INTO THE CONDITION AS DESCRIBED ABOVE.

C. PROVIDE A MINIMUM OF 16" SEPARATION BETWEEN DEVICES ON OPPOSITE SIDES OF WALLS.

HORIZONTAL TERMINATION NOTES ◇ :

1. TERMINATE STRUCTURED TELECOMMUNICATIONS DATA CABLING IN THIS AREA ON PATCH PANELS INSTALLED ON RACKS IN TELECOMMUNICATIONS ROOM 128, UNLESS NOTED OTHERWISE.
2. TERMINATE SECURITY SYSTEM CABLING IN THIS AREA AT SECURITY EQUIPMENT INSTALLED IN TELECOMMUNICATIONS ROOM 128, UNLESS NOTED OTHERWISE.

1 ENLARGED STORM SHELTER POWER AND SYSTEMS PLAN ◇1
1/4" = 1'-0"

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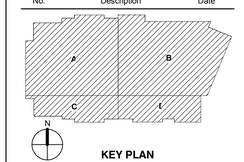

KEY PLAN

Drawing Title:

ENLARGED PLANS

Project No.: 005005.00 Checked by: JE

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