

Three Rivers Community Schools

Access Control and Physical Security

Request for Proposal

February 2021

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REQUEST FOR PROPOSAL

DOCUMENT TITLE: Three Rivers Community Schools Access Control and Physical Security 2021

DOCUMENT NUMBER: 2021-TRCS-ACPS-RFP

QUESTIONS: Please submit ALL questions via e-mail to RFP-Response@trschoools.org

SUMMARY: Three Rivers Community Schools (hereafter referred to as "Owner, the District or TRS") hereby solicits proposals from qualified vendors (hereafter referred to as "Vendor or Bidder") for a door access control system. The design and implementation shall meet or exceed all industry best practices, TRS standards, and all State of Michigan policies.

FISCAL AGENCY: Three Rivers Community Schools, Three Rivers, Michigan

RFP RECEIPT DEADLINE: March 25, 2021 @ 9:50 AM (**note earlier time than opening**)

RFP OPENING DATE: March 25, 2021

OPENING LOCATION: Three Rivers Community Schools - Administration Office
851 Sixth Ave., Three Rivers, MI 49093

RFP OPENING TIME: 10:00 AM Eastern

BOND REQUIREMENT: Each bid shall be accompanied by good and sufficient bid security or bid bond in an amount not less than 5% of the Bid amount and shall secure the Owner from loss or damage by reason of the withdrawal of the Bid by a Bidder or by failure of the successful Bidder to enter into a Contract with the Owner if his Bid is accepted by the Owner.

CONTACT PERSON: Nick Bryant / John Londono
Email Address: RFP-Response@trschoools.org
RFP Contact Phone: 269.467.5370

ADVERTISEMENT DATE: February 25, 2021

NUMBER OF PAGES: 115

SECTION A: GENERAL TERMS AND CONDITIONS

1. SUBMISSION OF RFP

1.1. In response to this RFP, Bidders shall submit one (1) original proposal marked "Original", two (2) identical bound copies and one (1) identical electronic response in PDF or other standard format stored on a flash drive and/or USB Media Device. Clearly label and index binders with appropriate section and subsection numbers as referred to herein. Number each page individually and provide a table of contents.

1.2. Neither the TRS nor any official, employee or representative thereof shall be responsible for the pre/post-opening of, or failure to open an RFP not properly addressed, identified or mislabeled.

1.3. Proposals submitted by telephone, telegraphic notice, e-mail or facsimile will not be accepted.

1.4. RFP and any addenda shall be submitted in a sealed envelope or box and labeled using the following format:

Company:

RFP TITLE: Three Rivers Community Schools Access Control and Security RFP

RFP #: 2021-TRS-AC-RFP

Opening Date: March 25, 2021 at address below.

Receipt Time: 9:50 AM

Mail / deliver To: Nick Bryant / John Londono
Technology Department
Three Rivers Community Schools
851 Sixth Ave
Three Rivers, Michigan 49093

1.5. In order for an RFP to be considered, it is mandatory that the RFP documents be received and time-stamped at 851 Sixth Ave Three Rivers, MI 49093, prior to the receipt time specified in this RFP document (see page 3). This shall be local time at the receiving address.

1.6. Information should be prepared to provide a straightforward, concise delineation of capacities to satisfy requirements of the RFP. Emphasis should be placed on conformance to RFP instructions, responsiveness to RFP requirements, completeness and clarity of content.

1.7. Any irregularities or lack of clarity in the RFP should be brought to the attention of TRS for correction or clarification.

1.8. Addenda or revisions issued may become an integral part of this RFP. All addenda shall be posted on the websites referenced in **Section 1.8.2**.

1.8.1. Bidder must acknowledge receipt of addenda by signing and returning with the original RFP documents. It is the Bidder's responsibility to insure receipt of any addenda. Failure to submit a signed addendum may result in rejection of a proposal.

- 1.8.2. Bidder shall receive any addenda issued on a bid from one of the following websites: www.trschools.org www.sjcisd.org
- 1.8.3. Bidder may contact Information Services at (269) 467-5370 or email RFP-Response@trschools.org with name, address, phone, E-Mail address and request. Upon receipt of that request, TRS shall send any addenda documents relating to this proposal to the requested contact.
- 1.9. An authorized representative of Bidder's firm must sign this RFP document. An unsigned proposal shall be disqualified.
- 1.10. Prices quoted shall be F.O.B. destination and exclusive of federal, state and local taxes. No shipping charges shall be allowed.
- 1.11. All costs incurred in the preparation and submission of responses to the RFP shall be the responsibility of the Bidder.
- 1.12. Bidder assumes any and all risks involved with the method of dispatch chosen. TRS assumes no responsibility for Bidder's failure to deliver RFP in accordance with the specified receiving point and time stated herein.
- 1.13. All proposals and accompanying documentation become the property of TRS and shall not be returned.
- 1.14. Exceptions to the Terms, Conditions and Specifications of this proposal must be noted in the space provided at the end of this proposal. Failure to note said exceptions shall be interpreted to convey that Bidder shall propose to perform in the manner described and/or specified. The Three Rivers Community Schools reserves the right to accept or reject any exceptions based on the best interest of the TRS.

2. PROPOSALS ARRIVING AFTER RECEIPT DEADLINE

- 2.1. Note that the RFP Receipt Deadline is local time, Three Rivers, Michigan 49093.
- 2.2. Late proposals will not be accepted. A proposal arriving after the deadline will be rejected, unopened.

3. WITHDRAWAL OF PROPOSAL

- 3.1. A proposal may be withdrawn by written notification delivered by mail, delivery service or e-mail provided such notice is received prior to the date and time set for the delivery deadline.
- 3.2. A request for withdrawal of a proposal received after the scheduled delivery shall not be considered.

4. PROPRIETARY INFORMATION

4.1. Three Rivers Community Schools is a public entity. Thus TRS is subject to all State of Michigan laws regarding Public Records. Unless identified by law as confidential, ALL records are public and subject to inspection and copying by any person.

4.2. Upon selection of a successful bidder, the contents of all proposals will become public record. Bidders shall not include any proprietary content that they would not want to be released to the public.

5. MANDATORY BIDDER'S CONFERENCE / WALKTHROUGH

5.1. A **MANDATORY** Bidders' Conference / walkthrough will be held on March 11, 2021 **10:00 am Local Time EST**. Check-in with the main office at Three Rivers High School, 700 6th Ave, Three Rivers, MI 49093. At this time representatives of TRS will be available to answer questions regarding this RFP, you will have an opportunity to inspect the installation locations and receive drawings.

5.2. Prospective Bidders (or a representative) **MUST** be present at the Walkthrough

5.3. Building Drawings with specific locations will be provided at this time. (can be requested electronically following the walkthrough by vendors with a representative present at the walkthrough.)

6. INTERVIEWS

6.1. TRS reserves the right to require any or all Bidder(s) to make a presentation either in person, by conference call or by web conferencing that illustrates the Bidder's abilities relative to this effort and/or attend an interview session to gauge its suitability to provide services for this project. If so requested, the Bidder shall make its personnel available at a time to be scheduled if needed. No cost allowance shall be permitted for this requirement.

7. GOVERNING LAW

7.1. Should there be a contract, Bidder agrees that it shall be governed by and created in accordance with the laws of the State of Michigan. Subject to Paragraph 29, no action involving this contract agreement may be brought except in a state court located in St. Joseph County, Michigan, USA.

8. SUSPENSION AND RESPONSIBILITIES

8.1. Bidder must certify that it and its principals are not presently debarred, suspended,

proposed for debarment, declared ineligible or voluntarily excluded from transactions with any state or federal department or agency.

8.2. Submission of a signed proposal in response to this solicitation is certification that Bidder's firm (or any Sub-Bidder) is not currently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any state or federal department or agency. Submission is also an agreement that TRS will be notified of any change in this status.

8.3. Loss of Agreement and/or Inability to Fulfill Requirements

8.3.1. If Bidder has had an agreement terminated, or has a pending termination, or a settlement to avoid litigation or termination for default during the past five (5) years, all such incidents must be described.

8.3.2. Termination for default is defined as notice to stop performance due to Bidder's non-performance or poor performance, and the issue was either: (a) not litigated; or (b) litigated and such litigation determined Bidder to be in default.

8.3.3. Bidder shall submit full details of all terminations for default, settlements, or pending terminations experienced in the past five (5) years including the other party's name, address, and telephone number. Bidder shall also present its position on the matter.

8.3.4. TRS shall evaluate the facts and at its sole discretion may reject the Bidder's response if the facts discovered indicate that completion of an agreement resulting from this RFP may be jeopardized by selection of Bidder.

8.3.5. If Bidder has experienced no such settlement or terminations for default in the past five (5) years, and has no pending terminations, it must affirmatively declare this to be so.

9. TERMINATION OF CONTRACT

9.1. This contract may be terminated in whole or in part by TRS for its convenience, but only after the Bidder is given not less than thirty (30) calendar days written notice of intent to terminate and an opportunity for consultation with TRS prior to termination.

10. AMERICANS WITH DISABILITIES

10.1. TRS acknowledges its responsibilities under the Americans with Disabilities Act (ADA) of 1990. TRS expects all Bidders to be knowledgeable about and comply with the requirements of the ADA.

11. INSTALLATION

11.1. The successful Bidder shall make good and at their expense any damage to the work of other trades caused by the installation to the satisfaction of the TRS.

12. REQUIRED INSURANCE COVERAGE

12.1. The successful Bidder shall, at the Bidder's sole expense, procure, maintain and keep in force for the duration of the contract insurance conforming to the minimum limits as specified in this document. The required insurance shall be in effect prior to the commencement of work by the successful Bidder and shall continue in force as appropriate until final acceptance by TRS of the completion of this contract.

12.2. Certificate of Insurance: The ACORD 25 Certificate of Insurance form or a form substantially similar must be submitted to Three Rivers Community Schools to evidence the insurance policies and coverage required of the successful Bidder. The certificate must name Three Rivers Community Schools as the certificate holder. The certificate should be signed by a person authorized to bind coverage on its behalf. Upon renewal of the policies listed, successful Bidder shall furnish the Three Rivers Community Schools with replacement certificates.

13. WORKER'S COMPENSATION COVERAGE

13.1. Successful Bidder shall have Worker's Compensation coverage as required by law for the duration of the contract to include Employer's Liability Coverage with minimum limits of one million dollars (\$1,000,000).

14. GENERAL LIABILITY INSURANCE

14.1. During the project, the successful Bidder shall maintain Comprehensive General Liability Insurance (occurrence form) with the following coverage through an insurance carrier(s) licensed to do business in the State of Michigan and having a current A.M. Best rating of A-:VII or better and approved by the Three Rivers Community Schools:

14.1.1. Premises-Operations

14.1.2. Independent Contractor's Protection

14.1.3. Products and Completed Operations

14.1.4. Broad Form Property Damage

14.1.5. Personal Injury (with Employee Exclusion deleted)

14.1.6. Blanket Contractual Liability

14.1.7. Property Damage Liability

14.2. Limits shall be equal to the amount carried by the successful Bidder, but shall not be less than two million dollars (\$2,000,000) per occurrence combined single limits.

14.3. By endorsement to the required general liability policy and automobile liability policy, Three Rivers Community Schools must be named as additional insured for all liability arising from this contract. The Additional Insured Document (CG 20 10 11 85 or CG 20 26 11 85) should reference the RFP number.

15. COMPREHENSIVE AUTOMOBILE LIABILITY INSURANCE

15.1. During the project, Bidder shall maintain Comprehensive Automobile Liability Insurance to include all owned autos, non-owned autos, and hired autos coverage through an insurance carrier(s) licensed to do business in the State of Michigan and having current A.M. Best rating of A-:VII or better and approved by the Three Rivers Community Schools.

15.2. Limits shall be equal to the amount carried by the successful Bidder, but shall not be less than one million dollars (\$1,000,000) per occurrence combined single limits.

16. PROFESSIONAL LIABILITY INSURANCE

16.1. During the project, Bidder shall maintain Professional Liability (Errors & Omissions) Insurance with minimum limits of at least one million dollars (\$1,000,000) per occurrence. The insurance required above may be provided under primary policies or by a combination of primary and excess policies.

17. LICENSE AND CERTIFICATION

17.1. Bidder must be licensed or incorporated to do business in the State of Michigan.

17.2. Bidder shall possess all applicable licenses and/or certifications to perform this type of service.

18. VESTED INTEREST

18.1. Bidder chosen cannot receive any benefits (directly or indirectly) or be party to other agreements that may emanate from recommendations, contracting actions, and or activities related to this effort.

18.2. The only benefit Bidder may derive from this project is payment for the identified work and optional tasks contained herein, including identified deliverables in Bidder's initial RFP response.

19. WARRANTY

19.1. Bidder warrants that the work shall be performed with the degree of skill, care, and judgment customarily accepted as sound quality practice and procedure.

19.2. Bidder further warrants that the work fulfills the requirements and intent of the entire contractual agreement inclusive of Bidder's RFP response.

19.2.1. If work fails to meet the aforementioned criteria and/or is deemed to be inadequate in the judgment of TRS, Bidder shall re-perform the work or portion of the work that is unsatisfactory at no additional expense to TRS.

19.2.2. All electronics and equipment requested in this project may not be refurbished or used. The district reserves the right to reject refurbished or used equipment.

20. ASSIGNMENT

20.1. Any attempt by Bidder to assign or otherwise transfer any interest in this agreement without the prior written consent of TRS shall be void.

21. ATTORNEY'S FEES

21.1. The parties agree that in the event of a dispute, each party will bear its own costs of arbitration, litigation and attorney's fees.

22. COMPLIANCE WITH LAW

22.1. Bidder shall comply with all applicable federal, state and local statutes, regulations, ordinances and other legal requirements which may apply.

23. CONFIDENTIAL TREATMENT OF INFORMATION

23.1. Bidder shall preserve any information obtained, assembled or prepared in connection with the performance of this agreement in strict confidence.

24. COVENANT

24.1. Bidder covenants that it presently has no interest and that it will not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of services required under this agreement. Further, Bidder covenants to its knowledge and ability that in performance of said services no person having any such interest shall be employed.

25. DISPUTE RESOLUTION

- 25.1. Any controversy or claim arising out of or related to the agreement or the breach thereof shall be settled by arbitration unless Three Rivers Community Schools, at its sole option, rejects arbitration by so notifying Bidder.
- 25.2. If Three Rivers Community Schools reject arbitration, Bidder shall have thirty (30) days from the date of receipt of rejection to send notice to commence litigation by the service of a summons and complaint upon the Three Rivers Community School District.
- 25.3. Failure to effect service upon the Three Rivers Community School District within said time period shall act as a bar to litigation of the claim, which was the subject of the request for arbitration.
- 25.4. If the matter is arbitrated, Three Rivers Community Schools shall designate whether the rules of the American Arbitration Association or the rules of the Michigan Arbitration Association shall apply. Michigan courts may enter judgment on such awards.
- 25.5. The parties agree that any arbitrator may not award attorney's fees in any case.
- 25.6. Unless specifically stated herein, if there exists any conflict or inconsistency between terms set forth in this proposal, the successful Bidder's response, and any agreement submitted by the successful Bidder, the language in this RFP shall take precedence.

26. FORCE MAJEURE

- 26.1. Neither party shall be liable for failure or delay in performance under any agreement anticipated by this order in whole or in part to an act of God, strike, lockout or other labor dispute, civil commotion, sabotage, fire, flood, explosion, acts of any government, unforeseen shortages or unavailability of fuel, power, transportation, raw materials or supplies, inability to obtain or delay in obtaining governmental approvals, permits, licenses or allocations, and any other causes which are not within such party's reasonable control, whether or not the kind is specifically enumerated above. During any period of Bidder's inability to perform, TRS may acquire from others said goods or services without incurring liability to Bidder.

27. PATENT INDEMNITY

- 27.1. Bidder agrees to indemnify and hold the TRS harmless from any claim, including court costs and actual attorney fees, involving patent infringement or copyrights on goods or services supplied.

28. PENALTIES / DEFAULT

28.1. In the event that the Bidder defaults on the contract entered into pursuant to this RFP, the TRS shall have the unilateral right, at its discretion, to terminate or cancel the contract entered into between the parties.

28.2. Additionally, if the bidder defaults on the contract entered into pursuant to this RFP, the TRS is entitled to recover any upfront or non-recurring charges paid to Bidder pursuant to any contract.

29. INDEMNITY

29.1. Bidder agrees to indemnify and hold harmless TRS, its officers, employees, agents, and volunteers from and against all liability, claims, demands, and expenses including court costs and actual attorney's fees on account of any injury, loss, or damage which arises out of the work performed under this agreement if such injury, loss, or damage is due to the negligence of Bidder, any Sub-Bidder of Bidder, or any officer, employee, or agent of Bidder.

29.2. The obligation of this section shall not apply to damages for which TRS is/shall become liable by final judgment to pay to a third party as the result of the negligence of TRS. Nothing herein shall constitute a waiver by TRS of any and all rights and privileges under any governmental immunity act or related statute.

30. INTELLECTUAL PROPERTY

30.1. TRS may request copies of the Bidder's drawings, written reports, or other works related to this project for the sole purpose of verifying that the Bidder is in compliance with the relevant specifications required in this RFP. The documents provided by the Bidder shall at all times remain the property of the Bidder.

31. NO THIRD-PARTY RIGHTS

31.1. Any contract entered into between the TRS and the Bidder shall be for the sole benefit of TRS and the Bidder.

32. NON-ENDORSEMENT

32.1. As a result of the selection of a Bidder to supply services, TRS is neither endorsing nor suggesting that the Bidder's service is the best or only solution. Bidder agrees to make no reference to TRS in any literature, promotional material, brochures, sales presentations, or the like, without the express written consent of Three Rivers Community Schools.

33. RECORDS

- 33.1. Records shall be maintained as required by a successful Bidder in compliance with applicable municipal, federal or state laws, ordinances, codes, and as prescribed by TRS.
- 33.2. At any time during normal business hours when TRS deems it necessary, all records shall be made available to St. Joseph County educational agencies at a location in St. Joseph County, Michigan for examination with respect to all matters covered by any subsequent agreement.
- 33.3. Referenced educational agencies may audit, examine and/or take excerpts or transcripts from such records including, but not limited to, invoices, materials, payrolls, records of personnel, conditions of employment or any other data as may be pertinent to this RFP.

34. SEVERABILITY

- 34.1. If a competent court or arbitrator holds any of the terms, covenants, provisions and agreements contained herein invalid, illegal or unenforceable, this agreement shall be interpreted as if such invalid terms, covenants, provisions, or agreements were not contained herein and the remaining provisions shall be valid and enforceable.

35. EXPENSES

- 35.1. In the event that TRS agrees to pay for any of Bidder's expenses directly related to this work, the following parameters shall apply:
- 35.1.1. No overhead and/or profit shall be permitted.
- 35.1.2. Bidder shall only receive reimbursement in amounts that are consistent with applicable travel guidelines established by TRS policy, regulations, and procedures for its own employees.

36. REJECTION OF PROPOSALS

- 36.1. TRS reserves the right to reject any and all proposals received, or any part thereof. Proposals may be rejected for any of, but not limited to, the following causes:
- 36.1.1. Proposal lacks signature by an authorized representative of the Bidder.
- 36.1.2. Evidence of collusion among Bidders exists.
- 36.1.3. Bidder fails to meet terms and conditions as specified in the RFP.
- 36.1.4. Evidence submitted by Bidder leads TRS to believe that Bidder will be unable to

carry out the obligations of the agreement and complete the work described.

36.1.5. TRS investigation determines that Bidder is not qualified to meet the obligations of the agreement and complete work described.

36.1.6. Cost of services exceeds budgetary constraints.

36.1.7. Bidder lacks proper system certification.

37. REFERENCES

37.1. TRS reserves the right to investigate information supplied by Bidder to determine its accuracy.

37.2. Bidder supplied reference or customer list authorizes the TRS to contact firms listed and understand that any information gathered may be used in evaluation of the proposal.

38. PROPOSAL NEGOTIATIONS

38.1. TRS may open negotiations with responsive Bidders after submission of proposals and prior to award.

38.2. At its sole discretion the Three Rivers Community Schools reserves the right to award an agreement without negotiation based upon written proposals.

38.3. The Three Rivers Community Schools reserves the right to accept any proposal which it deems most favorable to the District and to reject any or all proposals or any portion of any proposal submitted which is not in the TRS district's best interest.

39. CONTRACT AWARD GUIDELINES

39.1. TRS reserves the right to waive any minor irregularities in proposals and/or agreements deemed to be in its best interest.

39.2. Three Rivers Community Schools reserves the right to award an agreement on the basis of cost, individual scope of work elements, groups of elements or all elements to a winning Bidder. At TRS discretion, elements of the project could be assigned to multiple Bidders. Taking into consideration the specified evaluation criteria, TRS will select the Bidder/s whose proposal is most advantageous to the TRS.

39.3. All agreements are subject to approval by Three Rivers Community School's Board and may require approval of their legal counsel.

- 39.4. Once awarded, this contract will be the final expression of agreement between the parties and may not be altered, changed, or amended except by mutual written approval agreement.
- 39.5. Unless specifically stated herein, if there exists any conflict or inconsistency between terms set forth in this RFP document, the successful Bidder's proposal, and any agreement submitted by the successful Bidder, the language in this RFP document shall take precedence.
- 39.6. TRS reserves the right to hold proposals for a period of ninety (90) days from date of opening before awarding or rejecting said proposals.

40. RECOMMENDATION FOR AWARD POSTING

- 40.1. It is the responsibility of the interested Bidder to obtain the Recommendation for Award.
- 40.2. The Recommendation for Award is posted on the following websites:
www.trschools.org or www.sjcisd.org
- 40.3. Bidder may also obtain the Recommendation for Award by contacting TRS by calling 269-467-5370 or E-Mail request to RFP-Response@trschools.org

41. APPEAL BY UNSUCCESSFUL BIDDER

- 41.1. Any unsuccessful Bidder may appeal a pending Recommendation for Award.
- 41.2. Appellant must submit a written protest to the Three Rivers Community Schools Superintendent no later than six (6) calendar days after Recommendation for Award is posted. The notice of protest must include a written statement setting forth with specificity the reasons the person filing the notice believes the applicable provisions of the law were violated.
- 41.3. Appellant may be required to post a bond with a good and solvent surety company authorized to do business in the State of Michigan or submit other security in a form approved by Three Rivers Community Schools, which will hold the bond or other security until a determination is made on the appeal. Such bond must be submitted with the written protest to the Superintendent.
- 41.4. The bond or other security shall be in the amount of twenty five percent (25%) of the total dollar value of Appellant's proposal, up to a maximum bond or other security amount of two hundred fifty thousand (\$250,000).
- 41.5. If Appellant is not satisfied with the response, Appellant may then appeal to an appeals committee designated by the Three Rivers Community Schools. If Appellant is not satisfied with the appeals committee's response, Appellant may then appeal to the Board of Education, who will render the final decision.

- 41.6. Appellant will not seek any type of judicial intervention until Three Rivers Community Schools has rendered its final decision on the protest.
- 41.7. The Three Rivers Community Schools is not liable for any costs, expenses, attorney's fees, loss of income or other damages sustained by Appellant in the proposal appeal process.
- 41.8. Three Rivers Community Schools will stay any award action until after the Board of Education renders a final decision.
- 41.9. If an appeal is granted and a bond was required, the full amount of the posted bond will be returned to Appellant. If the appeal is denied or not upheld, a claim may be made against the bond for expenses suffered by Three Rivers Community Schools because of the unsuccessful appeal.

42. BID BOND

- 42.1. Every RFP shall be accompanied by a surety company certified bid bond or cashier's check made payable to Three Rivers Community Schools, 851 Sixth Ave Three Rivers, MI 49093.
- 42.2. The amount of surety shall not be less than five percent (5 %) of the total RFP submitted. Said amount to be forfeited to Three Rivers Community Schools should the Bidder, to whom the contract is awarded, fail to enter into the contract in accordance with the RFP.
- 42.3. Surety of the successful Bidder shall be retained by Three Rivers Community Schools until replaced by a Performance Bond.
- 42.4. The successful Bidder will be required to secure Performance, Labor and Material bonds for all contracts at or exceeding \$50,000, from a surety company having a rating of A- or better, for the full amount of the Contract.

43. TERM OF AGREEMENT

- 43.1. Upon receiving approval from the TRS Board of Education, it shall be the intention of the Three Rivers Community Schools to award a contract for the project identified in the scope defined in **SECTION B: REQUIREMENTS AND SPECIFICATIONS**.
- 43.2. All required design, implementation and construction must be completed before August 23, 2021.

44. TIMELINE OF EVENTS

44.1. The following is the tentative schedule of events for the RFP submittal and selection process. TRS reserves the right to change the schedule at any time.

RFP EVENT	DATE
RFP Advertised	February 25, 2021
MANDATORY Bidders' Conference / Walkthrough	March 11, 2021 10:00 am Eastern
Responses to Questions Posted as "Addendum" (if any)	TBD (if applicable)
Proposals DUE @ Central Office, 851 Sixth Ave Three Rivers, MI 49093	March 25, 2021 9:50 am Eastern
Bid Opening @ Central Office, 851 Sixth Ave Three Rivers, MI 49093	March 25, 2021 10:00 am Eastern
Finalist Interviews / Presentations (if applicable)	TBD (if applicable)
Board Approval	April 19, 2021
Notice to Proceed	April 20, 2021
Project Completion Date	August 23, 2021
Start of Owner Certification and Approval	Upon Completion

SECTION B: PROJECT REQUIREMENTS AND SPECIFICATIONS

46. ACCESS CONTROL AND PHYSICAL SECURITY

46.1. ENVIRONMENT

Three Rivers Community Schools Access Control Project spans Five (5) buildings: High School, Ruth-Hoppin Elementary, Andrews Elementary, Park Elementary, and Norton Elementary. This project will involve installation of Access Control Hardware and Electronics at these Five (5) buildings and integration into the county-wide Lenel ADV system.

46.2. SCOPE OF WORK OVERVIEW

46.2.1. Approved vendor shall provide, install, configure and warranty Access Control at multiple locations at the High School and Elementary School. The system shall be integrated into a user provided Lenel OnGuard system and all components shall be compatible. The following list of main items of the installation and service shall not be considered all inclusive.

- 46.2.1.1. Card readers - LENEL COMPATIBLE
- 46.2.1.2. Reader Interface - LENEL COMPATIBLE interface for card readers.
- 46.2.1.3. Software Upgrade - If necessary
- 46.2.1.4. Software and Hardware Licensing
- 46.2.1.5. User training on the software
- 46.2.1.6. Warranty on hardware, readers and interfaces.

46.3. REQUIRED SCOPE OF WORK

46.3.1. Three Rivers High School Locations

- 46.3.1.1. Vendor shall itemize parts and costs for each door location in their bid response per the indicated hardware set. For details on hardware sets, please see **Section D - Appendix A**.
- 46.3.1.2. Four (4) Schlage/Lenel MT11 Multitech Reader (per [Section D - Appendix A](#))
- 46.3.1.3. Fourteen (14) Schlage/Lenel MT15 Multitech Reader (per [Section D - Appendix A](#))
- 46.3.1.4. Vendor shall provide a cost to integrate and/or replace the **existing** AI Phone buzzer system hardware located at Door 1D with the new card reader and lenel system.
- 46.3.1.5. Vendor shall itemize parts and costs install emergency lockdown buttons in Three (3) locations.
- 46.3.1.6. Vendor Shall integrate all Door Contacts into provided vendor Lenel Controller
- 46.3.1.7. Vendor shall integrate all Electronic Latches into vendor provided Lenel Controller
- 46.3.1.8. Vendor shall integrate all Electronic Strikes into vendor provided Lenel Controller

46.3.2. Ruth-Hoppin Elementary School Locations

- 46.3.2.1. Vendor shall itemize parts and costs for each door location in their bid response per the indicated hardware set. For details on hardware sets, please

see [Section D - Appendix A](#).

46.3.2.2. Six (6) Schlage/Lenel MT11 Multitech Reader (per [Section D - Appendix A](#))

46.3.2.3. Five (5) Schlage/Lenel MT15 Multitech Reader (per [Section D - Appendix A](#))

46.3.2.4. Vendor shall provide a cost to integrate and/or replace the **existing** AI Phone buzzer system hardware located at Door A101A with the new card reader and lenel system.

46.3.2.5. Vendor shall itemize parts and costs install emergency lockdown buttons in two (2) locations.

46.3.2.6. Vendor Shall Integrate all Door Contacts into provided vendor Lenel Controller

46.3.2.7. Vendor shall integrate all Electronic Latches into vendor provided Lenel Controller

46.3.2.8. Vendor shall integrate all Electronic Strikes into vendor provided Lenel Controller

46.3.3. Andrews Elementary School Locations

46.3.3.1. Vendor shall itemize parts and costs for each door location in their bid response per the indicated hardware set. For details on hardware sets, please see [Section D - Appendix A](#).

46.3.3.2. Eight (8) Schlage/Lenel MT11 Multitech Reader (per [Section D - Appendix A](#))

46.3.3.3. Five (5) Schlage/Lenel MT15 Multitech Reader (per [Section D - Appendix A](#))

46.3.3.4. Vendor shall provide a cost to integrate and/or replace the **existing** AI Phone buzzer system hardware located at Door 1 with the new card reader and lenel system.

46.3.3.5. Vendor shall itemize parts and costs install emergency lockdown buttons in two (2) locations.

46.3.3.6. Vendor Shall integrate all Door Contacts into provided vendor Lenel Controller

46.3.3.7. Vendor shall integrate all Electronic Latches into vendor provided Lenel Controller

46.3.3.8. Vendor shall integrate all Electronic Strikes into vendor provided Lenel Controller

46.3.4. Park Elementary School Locations

46.3.4.1. Vendor shall itemize parts and costs for each door location in their bid response per the indicated hardware set. For details on hardware sets, please see [Section D - Appendix A](#).

46.3.4.2. Four (4) Schlage/Lenel MT11 Multitech Reader (per [Section D - Appendix A](#))

46.3.4.3. Eight (8) Schlage/Lenel MT15 Multitech Reader (per [Section D - Appendix A](#))

46.3.4.4. Vendor shall provide a cost to integrate and/or replace the **existing** AI Phone buzzer system hardware located at Door 1B with the new card reader and lenel system.

- 46.3.4.5. Vendor shall itemize parts and costs install emergency lockdown buttons in two (2) locations.
- 46.3.4.6. Vendor Shall integrate all Door Contacts into provided vendor Lenel Controller
- 46.3.4.7. Vendor shall integrate all Electronic Latches into vendor provided Lenel Controller
- 46.3.4.8. Vendor shall integrate all Electronic Strikes into vendor provided Lenel Controller

46.3.5. Norton Elementary School Locations

- 46.3.5.1. Vendor shall itemize parts and costs for each door location in their bid response per the indicated hardware set. For details on hardware sets, please see [Section D - Appendix A](#).
- 46.3.5.2. Three (3) Schlage/Lenel MT11 Multitech Reader (per [Section D - Appendix A](#))
- 46.3.5.3. Seven (7) Schlage/Lenel MT15 Multitech Reader (per [Section D - Appendix A](#))
- 46.3.5.4. Vendor shall itemize parts and costs install emergency lockdown buttons in two (2) locations.
- 46.3.5.5. Vendor Shall integrate all Door Contacts into provided Lenel Controller
- 46.3.5.6. Vendor shall integrate all Electronic Latches into provided Lenel Controller
- 46.3.5.7. Vendor shall integrate all Electronic Strikes into provided Lenel Controller

46.3.6. Software and Programming

- 46.3.6.1. The vendor shall provide programming to integrate the installed access control hardware into the St. Joseph County Schools countywide Lenel OnGuard system.
 - 46.3.6.1.1. County system is currently Lenel OnGuard ADV 7.4.
 - 46.3.6.1.2. Due to the number of additional readers and panels, vendor shall provide a cost to upgrade the existing Lenel ADV system to a tier of Lenel software required to support the additional number of readers.**
 - 46.3.6.1.2.1. Include the cost of upgrading and migrating the existing system and preserving all existing data.
 - 46.3.6.1.3. Vendor shall provide one (1) OnGuard Client software of the appropriately installed software.
 - 46.3.6.1.4. Lenel OnGuard systems required to be licensed are as follows:
 - 46.3.6.1.4.1. System Administration
 - 46.3.6.1.4.2. Alarm Monitoring
 - 46.3.6.1.4.3. Map Designer
 - 46.3.6.1.4.4. Communication Server
 - 46.3.6.1.4.5. Login Driver
 - 46.3.6.1.4.6. Badge Printing and Credentialing
 - 46.3.6.1.5. Vendor shall provide all software licensing necessary to support the number of readers installed.

46.4. SCOPE OF WORK SPECIFICATIONS

46.4.1. Proximity Card Reader

- 46.4.1.1. Surface-mounting style, compatible with Wall, Single-Gang Box, or window mullion mounting (as required by the location)
- 46.4.1.2. Card readers shall be fully compatible with the Lenel Adv access control system.
- 46.4.1.3. Provide card readers, conduit and boxes, wiring, wiring pathways and any other components required for a fully functional system.
- 46.4.1.4. All card readers shall be designed for exterior use and temperature ranges common to this geographic area. All card readers shall be UL listed.

46.4.2. Card Reader Interface/Controller

- 46.4.2.1. Vendor shall provide intelligent controllers for the access control system with local processing at each controller. The controller(s) shall be capable of functioning independently of the management server.
- 46.4.2.2. All proximity readers, door contacts, card readers, assisted openers, door controllers, latch retraction devices, electric strikes, push buttons and other devices shall connect to the controller(s).
- 46.4.2.3. The system controller(s) shall be UL listed.
- 46.4.2.4. The controller(s) shall monitor and report status on all doors with access control hardware in both a locked and an unlocked state.
- 46.4.2.5. Controller(s) shall be capable of downloading and storing account information and shall continue to function in the event of a communication loss with the server.
- 46.4.2.6. The controller shall have an onboard clock that synchronizes with the server.
- 46.4.2.7. In an unlocked state the system must be able to be programmed to recognize and report an exterior door being opened for a period of time that shall be programmed into the system. The system shall be programmed to monitor and report on each controlled door in each building. The door open time period required to cause a report to be generated shall be programmable for each controlled door in each building.
- 46.4.2.8. Vendor shall provide all power supplies and other components needed for a fully functional system with the exception of POE ethernet switch ports which shall be supplied by the Owner in the MDF or IDF closets.
- 46.4.2.9. Vendor shall not connect any network cables into Network Switches unless authorized by a network engineer representing the Owner.
- 46.4.2.10. Owner shall supply necessary IP addresses as needed for supplied equipment.

46.4.3. Wire and Conduit

- 46.4.3.1. Vendor shall supply all necessary wiring between controllers and the data closet.
- 46.4.3.2. Vendor shall use Velcro ties or hook and loop strapping to dress and secure all wiring for this installation. NO Ty-Wraps, Zip ties, wire twists, etc. shall be allowed. (They may be used temporarily while pulling cabling, etc; however, they MUST be removed prior to project approval.)

- 46.4.3.3. UTP Cabling intended for Ethernet applications shall be Category 6, riser-rated and shall follow specifications in **Section 46.7** of this document.
- 46.4.3.4. Ethernet cabling extended to a data closet shall be terminated with new Panduit CAT 6 Modular/Keystone jacks and inserted into existing Panduit keystone panel. The panel # and position # shall be provided by the Owner.
- 46.4.3.5. Wiring shall meet all applicable laws, codes, ordinances and regulations.
- 46.4.3.6. External penetrations shall be installed so as to not seep moisture and shall be sealed to protect against insect access.
- 46.4.3.7. Fire-Rated penetrations shall meet all local and state codes. Sleeves shall maintain integrity of the structure and shall be sealed and firestopped with appropriately rated removable materials.
 - 46.4.3.7.1. All penetrations shall be sealed with removable sealant (no foam fire-stopping shall be used).
 - 46.4.3.7.2. All internal penetrations shall be EMT sleeves with protective edge
 - 46.4.3.7.3. EMT sleeves shall maintain fill ratios of no greater than sixty (60) perTRSt.
- 46.4.3.8. Vendor shall supply necessary conduit (under 10' per door location) as required for a proper installation.
 - 46.4.3.8.1. High School - vendor may tie into wall penetrations at ceiling level and surface interconnect boxes and conduits that route to data closets in the High School.
 - 46.4.3.8.2. Elementary School has drop ceiling and existing J-hooks may be used as needed. Vendor shall provide additional J-hooks as required and must meet specifications in **Section 46.7**.

46.4.4. Training

- 46.4.4.1. Vendor shall provide a training session of at least four (8) hours - Admin training shall be six (6) hours and user training shall be two (2) hours. This training shall be at no additional cost to the District.
- 46.4.4.2. Training on all system software - with an overview of all functions.
- 46.4.4.3. Train on System Administration
- 46.4.4.4. Train users on card programming, lost and damaged cards.
- 46.4.4.5. Train users on door control programming, operation and schedules.
- 46.4.4.6. Train users on generating reports on activity, usage, etc.
- 46.4.4.7. Train users on Vendor recommended emergency lockdown procedures
- 46.4.4.8. Provide an overview of the door hardware operation and identifying problems.
- 46.4.4.9. Include any additional elements as deemed necessary for user needs.

46.4.5. System Warranty

- 46.4.5.1. The system warranty at a minimum shall include the following services:
 - 46.4.5.1.1. Access Control System provided and installed by vendor.
 - 46.4.5.1.2. Telephone support and on-site support for warranty issues (as required)
 - 46.4.5.1.3. Next business day warranty hardware replacement with on-site technician
 - 46.4.5.1.4. Emergency warranty response service for events such as :
 - 46.4.5.1.4.1. Full system outage
 - 46.4.5.1.4.2. Network control and monitoring center outage
 - 46.4.5.1.5. Vendor shall provide warranty coverage hours and days

- 46.4.5.1.6. Vendor shall describe warranty equipment replacement procedures (onsite and depot parts repair and replacement)

46.5. BILLING AND PAYMENT

- 46.5.1. Billing (progress) may be submitted monthly for equipment delivered and installed.
- 46.5.2. Total payments shall not exceed ninety (90) percent of the total Project Cost and ten (10) percent of the total Project Cost shall be retained.
- 46.5.3. Monthly billing shall reflect the 10% retained.
- 46.5.4. The ten (10) perTRSt retainage shall be payable within thirty (30) days of receipt of all documentation and the final acceptance of the completed system by the Owner.

46.6. TESTING

- 46.6.1. The Vendor shall verify and demonstrate to District that all hardware, software, cabling and all other system components are functioning according to the specifications, the vendor's proposal and the programming that was developed with the District.
- 46.6.2. Additionally, the successful vendor shall:
 - 46.6.2.1. Test the operation of all card readers and doors.
 - 46.6.2.2. Test system detection and notifications of all alarm conditions, door open conditions, valid and invalid card reads and any other functions that are part of the system.
 - 46.6.2.3. Verify that all door lock/unlock time programming is operating according to the programming that was developed with the District.

46.7. IDENTIFICATION AND LABELING

- 46.7.1. Labeling shall clearly identify all components of the system, cables and panels.
- 46.7.2. The labeling system shall designate a unique identifier for the cable.
- 46.7.3. Vendor shall work with the Owner on identification details.
- 46.7.4. All label printing shall be machine-generated. NO handwritten labels shall be allowed (cables may be hand-identified for installation purposes but must be re-labeled with a machine-generated label prior to acceptance)
- 46.7.5. All cabling shall be labeled within 6 inches of its origin and termination point.
- 46.7.6. All labeling information shall be recorded on the As-Built drawings.
- 46.7.7. All test documents shall reflect the appropriate labeling scheme.

46.8. UTP CABLING

- 46.8.1. Commscope, General or equivalent Tier 1 grade.
- 46.8.2. Riser-Rated Category 6 solid ethernet cable (unless otherwise specified).
- 46.8.3. Color shall be determined by installer except RED (reserved for Fire).
- 46.8.4. Wire color does NOT need to match jack color which shall be WHITE.
- 46.8.5. All UTP cables shall be terminated as T568B-TSB.
- 46.8.6. Cabling shall never reticulate over sharp edges without appropriate protection and must follow proper bend radius per the manufacturer.
- 46.8.7. Cabling installed to data closet patch panels shall have sufficient slack to facilitate potential future relocation of that termination up or down by 4U and re-termination a minimum of two (2) times.

- 46.8.8. Coiling excess UTP cable underneath racks or cabinets shall be deemed unacceptable.
- 46.8.9. J-Hook cable supports shall be suitable for use in ceiling space.
 - 46.8.9.1. The cable support must maintain complete horizontal and vertical 1" bend radius.
 - 46.8.9.2. Cable shall be supported every five (5) feet.
 - 46.8.9.3. Fill shall not exceed 75%.

46.9. CONSUMABLES

- 46.9.1. Installer shall provide all consumables (J-hooks, Trapezes, Innerduct, Velcro Cable Ties, Grid Wire, Cable Ties, Ceiling Screws, Cables Saddles, Electrical Tape, Label maker Tape,) and any other not specifically mentioned but, necessary for the acceptable completion and delivery of the project.
- 46.9.2. Note that cable ties (ty-wraps, zip ties, etc.) are permitted during installation, but MUST be replaced with velcro-style cable ties prior to project certification.**

46.10. DEMOLITION / PRESERVATION

- 46.10.1. Ceiling Preservation
 - 46.10.1.1. Vendor shall preserve all existing ceiling tiles.
 - 46.10.1.2. Pads cracked, chipped, smudged, or otherwise damaged shall be replaced and re-installed at Vendor's expense in coordination with the Owner.
 - 46.10.1.3. All ceiling tiles moved or removed by Vendor shall be reset by the Vendor.
 - 46.10.1.4. The building and work area shall be returned to its original condition prior to final sign off of the project.
- 46.10.2. Wall Preservation**
 - 46.10.2.1. Installer shall coordinate with Owner regarding any raceway that shall be removed.
 - 46.10.2.2. Vendor shall be responsible for Filling and Painting wall or ceiling spaces damaged due to Vendor actions. This shall not apply to items covered by newly installed conduit or surface boxes. Vendor shall coordinate paint type and color with the Owner and all Filling and Painting due to Vendor damage shall be at the expense of the Vendor.
 - 46.10.2.3. The building and work area shall be returned to its original condition prior to final sign off of the project.

46.11. CLOSEOUT DOCUMENTS / DOCUMENTATION

- 46.11.1. Vendor shall provide the following:
- 46.11.2. A copy of manufacturer's warranties for all system components including cabling.
- 46.11.3. Operation manuals and specification sheets for all hardware and cabling.
- 46.11.4. Operation manuals and training materials for all software.
- 46.11.5. One (1) copy of test results for installed UTP Ethernet cabling (if applicable)
- 46.11.6. Two (2) copies of As-Builts in hard copy.
- 46.11.7. One (1) electronic copy of As-Builts in AutoCad or Visio format.
- 46.11.8. One (1) electronic copy of As-Builts in PDF format.
- 46.11.9. As-Built Documentation shall include:
- 46.11.10. Building drawings showing the location of all installed hardware components.
- 46.11.11. Cabling documentation showing cables associated to hardware installed

including door contacts, sensors, panels, controllers, strikes, latches, Ethernet and any other elements connected by the Vendor.

46.12. UNACCEPTABLE INSTALLATION PRACTICES

- 46.12.1. Cables shall not be attached to equipment mounting rail of any rack.
- 46.12.2. Cable ties (ty-wraps) shall NOT be used. (Detail referenced in **CONSUMABLES**)

46.13. ELIGIBILITY

- 46.13.1. Bidder's Proposal shall provide all of the information requested in this document.
- 46.13.2. Proposals with answers deemed by the District's evaluation committee to be incomplete will not be considered for an award.
- 46.13.3. Reference checks, Internet research and other methods shall be employed by the District to verify the ability of the Bidder to perform the proposal. Negative information may be presented to the Bidder for explanation prior to disqualification.

47. HARDWARE SETS

- 47.1. Specific hardware sets for each door is provided and noted in [Section D - Appendix A](#)
- 47.2. Access Control Vendor" shall be responsible for all items noted in [Section D - Appendix A](#) as "**PROVIDED BY ACCESS CONTROL**" and "**SECURITY PROVIDER**".
- 47.3. Access Control Vendor shall be responsible for all items in [Section D - Appendix A](#) for any notations calling on **Access Control** and/or **Security** Components.

48. SUBMITTAL FORMAT

- 48.1. Response shall be organized in the following format:
- 48.2. Cover Sheet including:
 - 48.2.1. Document Name
 - 48.2.2. Document Number
 - 48.2.3. Bidding Organization
 - 48.2.4. Transmittal letter on Bidder's letterhead including:
 - 48.2.4.1. Bidder's full name
 - 48.2.4.2. Address of Bidder
 - 48.2.4.3. Telephone number
 - 48.2.4.4. E-Mail Address
 - 48.2.4.5. Bidder's legal status (sole proprietor, partnership, corporation or other)
 - 48.2.4.6. Identification as a Local, Regional or National company
 - 48.2.4.7. Description and History of the Bidder's Organization
- 48.3. Bid Response Format and Checklist - [Attachment A](#)
 - 48.3.1. This form shall be used as a guideline for response assembly and verification of all required bid material.
- 48.4. Complete Table of Contents

-
- 48.5. Reference Form - [Attachment B](#) - List K-12 Educational organizations first.
 - 48.6. Signed Public Disclosure Form - [Attachment C](#) (REQUIRED for Bid Acceptance)
 - 48.7. Contacts / Exceptions / Proposal Signature Form - [Attachment D](#)
 - 48.8. Familial Disclosure Affidavit - [Attachment E](#)
 - 48.8.1. Bids shall be accompanied by a sworn and notarized statement disclosing any familial relationship that exists between the owner or any employee of the bidder and any member of the Board or the Superintendent of the District. The Board shall not accept a bid that does not include this sworn and notarized disclosure statement. Failure to include a signed and notarized affidavit shall be grounds for disqualification.
 - 48.9. Iran Economic Sanctions Act Form - [Attachment G](#) (REQUIRED for Bid Acceptance)
 - 48.10. Bid Response and Pricing - [Attachment H](#)
 - 48.10.1. Include the completed copy of section 66 for a quick overview of pricing per component of the project.
 - 48.10.2. Detailed lists of materials shall be provided at the end of the bid response.
 - 48.10.3. This form shall be considered a summary and further detail of material and labor shall be included compliant with the defined scope of work.
 - 48.11. Bid Bond
 - 48.11.1. Include the surety bond issued for the project (**Section 42**)
 - 48.12. Experience
 - 48.12.1. Discuss Bidder's Experience with requested services and products.
 - 48.12.2. Discuss Bidder's Experience working with K-12 Educational organizations.
 - 48.12.3. Bidder shall list their applicable licenses and certifications pertaining to this project.
 - 48.13. Personnel:
 - 48.13.1. Identify Bidder's Personnel and their experience and certifications.
 - 48.13.2. Do you have background checks for your Employees?
 - 48.13.3. Do you have any Employees restricted from K-12 student contact?
 - 48.13.4. Do you have Employees that live or pay taxes in St. Joseph County, MI?
 - 48.14. Contractor and Subcontractor Listing
 - 48.14.1. Submit the names, addresses, phone numbers, and applicable licenses of all firms that will provide services in conjunction with the performance of this agreement.
 - 48.15. Project Approach
 - 48.15.1. Describe the approach to be taken including, but not limited to, how the project will be organized, number and types of staff involved.
 - 48.16. Compliance with Minimum Qualifications
 - 48.16.1. Please provide a narrative to demonstrate how your company meets and/or

exceeds the minimum qualifications listed in the RFP.

48.17. Proposed Scheduling

- 48.17.1. Provide a schedule of events that clearly indicates the time sequence for tasks that are required to perform major components of the scope of work.

48.18. Costs - Provide the following cost information

- 48.18.1. Schedule of fees applicable to this effort to achieve the desired results.
- 48.18.2. Itemize materials and costs as defined in the scope of work.
- 48.18.3. Itemize costs as related to significant events that are identified in the Bidder's schedule and indicate a grand total.
- 48.18.4. Any proposed material or equipment is to be included F.O.B. destination and freight shall be included in the price of the item(s).
- 48.18.5. Rate chart applicable for potential expansion of scope of work.
- 48.18.6. If travel is required, non-local firms shall indicate estimated travel expenses applicable to this effort. Bidders shall indicate if any travel will be required.
- 48.18.7. Bidder shall provide an hourly rate for future unidentified criteria, support services and consulting services when requested.
- 48.18.8. Define unit of measure, if applicable.

48.19. Proposed Agreement

- 48.19.1. Provide a copy of any proposed agreement form.
- 48.19.2. TRS cannot accept any agreement that includes a specific cancellation clause that is in conflict with **Section 9.0 TERMINATION OF CONTRACT**.
- 48.19.3. Unless otherwise identified as such, TRS's contract / RFP language takes precedence in all cases.

48.20. Signed Copy of Addendums

- 48.20.1. Provide a copy of all issued addendums with signature of receipt to indicate compliance.

48.21. Miscellaneous Vendor Documentation - **OPTIONAL**

- 48.21.1. This may include any information about the proposed project including but not limited to:
- 48.21.1.1. Product Information
- 48.21.1.2. Vendor Information in addition to what was requested
- 48.21.1.3. Detailed and annotated copy of the RFP

49 - 59 LEFT INTENTIONALLY BLANK

ATTACHMENT A - BID RESPONSE FORMAT AND CHECKLIST

Cover Letter

Bid Response Format and Checklist (**ATTACHMENT A**)

Table of Contents

Reference Form (**ATTACHMENT B**)

Public Disclosure Form (**ATTACHMENT C**)

Contact Person Form/Proposal Signature (**ATTACHMENT D**)

Familial Disclosure Affidavit (**ATTACHMENT E**)

Iran Sanctions Form (**ATTACHMENT F**)

Exceptions (**ATTACHMENT G**)

Bid Pricing Summary (**ATTACHMENT H**)

Bid Bond

Experience / Personnel

Contractor / Subcontractor Listing

Project Approach

Compliance with Minimum Standards

Proposed Schedule

Detailed Material Listing

Signed Copy of Addendum(s)

Miscellaneous Vendor Documentation (**Optional**)

ATTACHMENT B - REFERENCES

Company Name

Contact Person

Address

Phone

Fax Number

Email / website

Description of service
provided

Company Name

Contact Person

Address

Phone

Fax Number

Email / website

Description of service
provided

Company Name

Contact Person

Address

Phone

Fax Number

Email / website

Description of service
provided

ATTACHMENT C - PUBLIC DISCLOSURE

Firm Name: _____

I hereby certify that I understand:

- TRS employees shall not receive unlawful compensation, commission or personal profit in the course of performing TRS duties.
- TRS positions may not be used for unlawful purposes or personal gain.
- I further certify that I have listed all personal relationships and financial interests between the company, company officers, and key employees with current and former Three Rivers Community School District board or staff members and current and former Three Rivers Community School District authorizing officials. Please complete the form below. Additional sheets may be attached if necessary. Write in N/A if non-applicable.

Company/Employee	Position	Date of Hire	District Official / Board Member	Relationship / Interest
-------------------------	-----------------	---------------------	---	------------------------------------

I hereby acknowledge that failure to disclose all facts relative to a conflict or potential conflict of interest with regard to my contract/agreement with TRS may result in termination of said contract/agreement.

Signature: _____
Authorized Firm Representative

Title: _____ Date: _____

ATTACHMENT D - CONTACT INFORMATION

Firm Name: _____

Contract Point-of-Contact Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

E-Mail: _____

EXCEPTIONS TO THE TERMS, CONDITIONS AND SPECIFICATIONS

Exceptions to the Terms, Conditions and Specifications of this RFP must be noted in the space provided. Failure to note said exceptions shall be interpreted to convey that Bidder shall propose to perform in the manner described and/or specified. If more space is required, please attach additional sheet(s) referencing RFP title and number. This form must be signed whether or not there are exceptions noted.

PROPOSAL SIGNATURE

By signing this Proposal, I acknowledge the following:

- I am an authorized agent for Bidder.
- Bidder has read, understands and agrees to the terms and conditions in this RFP and accompanying documents.
- Bidder intends to supply the materials and/or services specified herein.
- Bidder shall provide, execute, and maintain insurance policies as specified herein.
- Bidder shall comply with all federal, state, city, local, county, Three Rivers Community School statutes, other regulations and requirements.

Authorized Signature

Print Name

Title

Date

ATTACHMENT E - FAMILIAL DISCLOSURE AFFIDAVIT

The undersigned, the owner or authorized officer of _____ (the "Respondent"), pursuant to the familial disclosure requirements provided in the Three Rivers Community School District (the "School District") Request for Proposals, hereby represents and warrants that, except as provided below, no familial relationships exist between the owner or any employee of the Respondent, and any member of the Board of Education of the School District or the Superintendent of the School District or Districts within the purview of the Three Rivers Community Schools.

List any Familial Relationships:

RESPONDENT:

By: _____

Its: _____

STATE OF MICHIGAN)
) ss.

COUNTY OF _____)

This instrument was acknowledged before me on the ____ day of _____ 2021, by

_____.

_____, Notary Public

_____ County, Michigan

My Commission Expires: _____

Acting in the County of: _____

ATTACHMENT G - IRAN ECONOMIC SANCTIONS ACT FORM

AFFIDAVIT OF COMPLIANCE – IRAN ECONOMIC SANCTIONS ACT Michigan Public Act No. 517 of 2012

The undersigned, the owner or authorized officer of _____ (the "Respondent"), pursuant to the compliance certification requirements provided in the SJC Schools Wide Area Network hereby certifies, represents and warrants that the Respondent (including its officers, directors and employees) is not an "Iran Linked Business" within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the "Act"), and that in the event that the Respondent is awarded a Contract as a result of the aforementioned RFP, the Respondent will not become an "Iran Linked Business" at any time during the course of performing under the Contract.

The Respondent further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or 2 times the amount of the Contract or proposed Contract for which the false certification was made, whichever is greater, and the cost of the Applicant's investigation, and reasonable attorney fees. Moreover, any person who submitted a false certification shall be ineligible to bid on any of the Applicants RFP for three (3) years from the date it is determined that the person has submitted the false certification.

RESPONDENT:

Name of Respondent _____

By: _____ Its: _____ Date: _____

STATE OF _____)
)ss.
COUNTY OF _____)

This instrument was acknowledged before me on the _____ day of _____, 2021,
by _____,
_____, Notary Public

_____ County, _____

My Commission Expires: _____

Acting in the County of : _____

ATTACHMENT H - BID PRICING SUMMARY

Required Scope of Work (Section 44)	Cost
High School Material	\$
Ruth-Hoppin Elementary School Material	\$
Andrews Elementary School Material	\$
Park Elementary School Material	\$
Norton Elementary School Material	\$
Controllers	\$
Card Readers	\$
Lenel Software Licensing (46.3.6.1.4-5)	\$
Lenel Software Upgrade (46.3.6.1.2)	\$
Labor	\$
Miscellaneous	\$
SubTotal	\$

Explanation of Miscellaneous Charges:

Project Grand Total	Cost
Required Scope of Work	\$
Bid Bond	\$
GRAND TOTAL	\$

Printed Name and Title

Signature

Date

LOCATION DRAWINGS

This section has been removed per Homeland Security Recommendations.

Building drawings with the specific location information shall be available at the Bidder's Conference / Walkthrough. A Representative shall be present due to the complexity of the project requirements.

Qualified Vendors may also request electronic copies by sending an e-mail request to RFP-Response@trschoools.org.

SECTION D: Appendices

Appendix A:

Door Hardware Specifications

- The following is a list of door hardware specifications provided by the Architect for each door referenced within the above Scope of Work.

SECTION 08 71 00 DOOR HARDWARE

PART 1 - GENERAL

1.1 SUMMARY

- A. Scope of Work: This Section describes all finish hardware required to complete the work as indicated on the Drawings and specified herein. Provide all trim attachments and fastening specified or required for proper and complete installation.
- B. Related Sections:
 - 1. Section 08 11 13: Hollow Metal Doors and Frames
 - 2. Section 08 14 16: Flush Wood Doors
 - 3. Section 08 43 13: Aluminum Entrances and Storefronts

1.2 SUBMITTALS

- A. Product Data, Shop Drawings, Samples:
 - 1. General: Comply with the provisions of Section 01 33 00.
 - 2. Product Data: Within 15 calendar days after award of the Contract, submit:
 - a. Complete materials list of all items proposed to be furnished and delivered under this Section.
 - 1) Identify each hardware item by manufacturer, the manufacturer's catalog number, and the location of the item in the work.
 - 2) Make the list in form suitable for ready checking by the Architect.
 - b. Manufacturer's specifications, catalog cuts, and other data required to demonstrate compliance with specified requirements.
 - 1) Approval of the hardware list by the Architect/Engineer shall not relieve the Contractor from the responsibility for furnishing all required finish hardware.
 - 3. Samples: Within 15 calendar days after being so requested by the Architect/Engineer, deliver to the Architect/Engineer samples of each finish hardware item.
 - 4. Templates: In a timely manner to ensure orderly progress of the work, deliver templates or physical samples of the approved finish hardware items to pertinent manufacturers of interfacing items such as door and frame.

1.3 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Qualifications of Manufacturers: Products used in the work of this Section shall be produced by manufacturers regularly engaged in manufacture of similar items and with a history of successful production acceptable to the Architect/Engineer.
 - 2. Qualification of Suppliers: The supplier shall have a qualified representative readily available to the Architect/Engineer, and/or Owner on short notice for consultation and service during the execution of this work and the warranty period.
 - 3. Qualification of Installers: Use adequate numbers of skilled workmen who are trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and methods needed for proper performance of this Section.
- B. Regulatory Requirements & References: Fire Rated Openings: Comply with the requirements of Underwriter's Laboratories, Inc.
- C. Pre-Installation Conference: Prior to the installation of hardware, manufacturer's representatives for locksets, closers, and exit devices shall arrange and hold a jobsite meeting to instruct the installing contractor's personnel on the proper installation of their respective products. A letter of compliance, indicating when this meeting is held and who is in attendance, shall be sent to the Architect and Owner.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Packing and Shipping: Individually package each unit of finish hardware, complete with proper fastening and appurtenances, clearly marked on the outside to indicate the contents and specific locations in the work.
- B. Protection: Use all means necessary to protect materials of this Section before, during, and after delivery to the job site and to protect the work and materials of all other trades.
- C. Replacements: In the event of damage, immediately make all repairs and replacements necessary to the approval of the Architect/Engineer and at no additional cost to the owner.
- D. Deliveries:
 - 1. Stockpile all items sufficiently in advance to ensure their availability and make all necessary deliveries in a timely manner to ensure orderly progress of the total work.
 - 2. All hardware shall be delivered to a destination as directed by the Construction Manager with sufficient time in advance for proper inspection in order not to delay the scheduled completion date.
 - 3. The Construction Manager shall provide a lockable room with ample shelving for the storage of hardware. Upon receipt of the hardware, the Finish Hardware supplier shall unpack and place on the shelves all hardware in order of item and/or door numbers.

1.5 SEQUENCING AND SCHEDULING

- A. Coordinate all work with job site superintendent and all applicable trades.

1.6 WARRANTY

- A. Provide a written warranty in approved form in compliance with the related requirements of the General Conditions, covering all Finish Hardware furnished under this Section against defects in manufacturing and workmanship for a minimum of two (2) years from the final acceptance of the building.
- B. Any material failing to comply with the above guarantee shall be removed and replaced with satisfactory material at the Finish Hardware supplier's expense, including the necessary labor for removing and replacing.
 - A. During the Warranty Period, the Finish Hardware supplier shall, upon request, make prompt adjustments, repairs or replacements as required to any hardware installed under this contract, other than normal maintenance service.

PART 2 - PRODUCTS**2.1 ACCEPTABLE MANUFACTURERS**

Product	Specified	Acceptable Alternates
Continuous Hinges	Ives	No Substitution
Hinge	Ives	No Substitution
Flush Bolts	Ives	No Substitution
Power Transfer	Von Duprin EPT10	No Substitution
Locks	Schlage L-Series	No Substitution
Keys and Cylinders	Schlage SFIC Everest 29 R	No Substitution (Owners Key System)
Exit Devices	Von Duprin 98 Series (99 Series High School Only)	No Substitution
Electric Strikes	Von Duprin 6000 Series	No Substitution (HES 8500 Series acceptable at existing rated openings only)
Magnetic Locks	Schlage Electronics M490P Series	No Substitution
Door Closers	LCN 4040XP Series	No Substitution
Push/Pull & Kick Plates	Ives	No Substitution
Stops	Ives	No Substitution
Overhead Stops	Glynn-Johnson	No Substitution
Seals and Thresholds	Zero	No Substitution (Everlast acceptable for thresholds)
Auto Operators	LCN 4600 Series	No Substitution
Power Supplies	Von Duprin PS900 Series	No Substitution
Fire/Life Wall Magnet	LCN 7800 Series	No Substitution

Card Readers

Schlage MT11/15 Series
(PROVIDED BY ACCESS
CONTROL)

No Substitution

2.2 MATERIALS**A. General:**

1. Proprietary Products: References to specific proprietary products are used to establish minimum standards of utility and quality. Unless otherwise approved by the Architect/Engineer, provide only the specific products. Design is based on the materials specified. Other materials may be considered by the Architect/Engineer in accordance with the provisions of Section 01 33 00.
2. Fasteners:
 - a. Furnish all finish hardware with all necessary screws, bolts, and other fasteners of suitable size and type to anchor the hardware in position for long life under hard use.
 - b. Furnish fastenings where necessary with expansion shields, toggle bolts, sex bolts, and other anchors approved by the Architect/Engineer, according to the materials to which the hardware is to be applied and the recommendations of the hardware manufacturer.
 - c. All fastenings shall harmonize with the hardware as to materials and finish.
3. Finishes of all hardware shall match the finish of the locksets. Take special care to coordinate all of the various manufactured items furnished under this Section, to ensure acceptably uniform finish.
4. Through-bolt door closers on all wood doors.

B. Keying: All SFIC cylinders/cores and keying to be purchased from Enrico Group, Wixom, MI and included in base bid. Supply 3 keys per lock, 6 master keys for each master key group and 3 grand master keys. Conduct keying meeting with Owner to determine keying requirements.

C. Tools and Manuals: With the delivery of permanent keys, deliver to the Owner one complete set of adjustment tools and one set of maintenance manuals for locksets, latchsets, closers, and panic devices.

PART 3 - EXECUTION**3.1 INSTALLATION**

- A.** Install the materials in strict accordance with the manufacturer's recommendations and schedules.
- B.** All doors should swing as far as conditions allow. When mounting door closers, use the mounting that allows doors to swing to the wall or floor bumper. Do not stop the door with the closer arm unless the arm is designed specifically to stop the door. When mounting closers designed with arms to stop the door or overhead door stops, always mount them to allow the door to swing as far as conditions will permit.
- C.** Anchor all screws with Loc-Tite to assure permanence of attachment.
- D.** All doors and hardware to be left in proper working order and cleaned.
- E. Special Hardware Instructions:**
 1. Wall stops WS33 are to be mounted on the wall up at the top of the door and as far out on the latch edge as conditions allow. The sloped side is to face up, preventing anyone or anything to hang on them.
 2. Wall stop & holds WH45 are to be mounted the same as the WS33.

3.2 ADJUSTING AND CLEANING

- A.** Final inspections shall be made by the Architect and Finish Hardware Supplier. They shall report any installation adjustments that are to be made to have all hardware in perfect working order. The Finish Hardware Supplier shall verify the keying to the Architect to insure proper location of locksets and cylinders. All closers shall be checked and adjusted for closing.
- B.** Prior to final acceptance of the installation, the Finish Hardware Supplier shall make a final inspection to verify that all corrections have been made and that all hardware items are in good working condition.

PART 4 - HARDWARE SCHEDULE**HIGH SCHOOL**

Hardware Group No. HS-01

For use on Door #(s):

F115A F115B F119A F119B F132B

Each to have:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
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3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PASSAGE SET	L9010 03A	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-02

For use on Door #(s):

J201

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	PASSAGE SET	L9010 03A	626	SCH
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	488S	BK	ZER

Hardware Group No. HS-03

For use on Door #(s):

F108

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PRIVACY W/DEADBOLT	L9440 03A 09-544 L283-722	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	488S	BK	ZER

Hardware Group No. HS-04

For use on Door #(s):

F125 F130

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 03A 09-544	626	SCH
1	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-05

For use on Door #(s):

F128B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 03A 09-544	626	SCH
1	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-06

For use on Door #(s):

F131

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
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6	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CONST LATCHING BOLT	FB61T	630	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 03A 09-544	626	SCH
1	EA	SFIC CORE	80-037 EV29 R	626	SCH
2	EA	OH STOP	100S	630	GLY
2	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-07

For use on Door #(s):

J105D

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 5 X 4.5 NRP	652	IVE
1	EA	DBL CYL STORE W/DB	L9466BDC 03A	626	SCH
2	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-08

For use on Door #(s):

F109

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A	626	SCH
1	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-09

For use on Door #(s):

J103 J104

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A	626	SCH
1	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA	689	LCN
		- PULL-SIDE			
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-10

For use on Door #(s):

F120 F135

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH

1	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-11

For use on Door #(s):

D120

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA - PUSH-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-12

For use on Door #(s):

D102B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	SET	AUTO FLUSH BOLT	FB41P	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	COORDINATOR	COR X FL	628	IVE
2	EA	MOUNTING BRACKET	MB	689	IVE
2	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
1	EA	MEETING STILE	383AA	AA	ZER
1	EA	GASKETING	488S	BK	ZER

Hardware Group No. HS-13

For use on Door #(s):

J105A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH

1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~	BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET			

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-14

For use on Door #(s):

F107A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
4	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A 606 626 - SATIN BRASS VESTIBULE SIDE	606/626 6	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
1	EA	ELECTRIC STRIKE	6211AL FSE CON	~ 606	VON
1	EA	OH STOP	100S	630	GLY
1	EA	SURFACE CLOSER	4040XP RW/PA ST-1630 - PULL-SIDE	689	LCN
1	EA	TOP JAMB MTG PLATE	4040XP-18TJ	689	LCN
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DESK MOUNT BUTTON POWER SUPPLY	660-PB PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ 628	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		
		INTERCOM SYSTEM	PROVIDED BY OTHERS	~	

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER OR PRESSING PUSH BUTTON LOCATED AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-15

For use on Door #(s):

F126

F129

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	INSTITUTION LOCK	L9082BDC 03A	626	SCH
2	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON

1	EA	SURFACE CLOSER	4040XP RW/PA - PUSH-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
2	EA	MULTITECH READER POWER SUPPLY	MT15 (PROVIDED BY ACCESS CONTROL) PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO EITHER READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM.

Hardware Group No. HS-16

For use on Door #(s):

F107B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
4	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM X STOREROOM	L9060BDC 03A XL12-876 - STOREROOM FUNCTION RECEPTION SIDE	626	SCH
2	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	MAGNETIC LOCK	M490P ATS/LED	~ 628	SCE
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
2	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DESK MOUNT BUTTON POWER SUPPLY	660-PB PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ 628	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE UNLOCKS SCHOOL CORRIDOR SIDE LEVER. FREE ENTRY FROM SCHOOL INTO OFFICE. OFFICE SIDE ALWAYS LOCKED PREVENTING FREE PASSAGE FROM OFFICE INTO THE SCHOOL. PRESENTING A VALID CREDENTIAL TO THE READER ON SCHOOL OFFICE SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS INTO THE SCHOOL. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF LOCKDOWN SYSTEM.

LOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE LOCKS SCHOOL CORRIDOR SIDE LEVER, THUS LOCKED IN BOTH DIRECTIONS. PRESENTING A VALID CREDENTIAL TO EITHER READER ON EITHER SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF LOCKDOWN SYSTEM.

MAGNETIC LOCK NORMALLY DE-ENERGIZED AND UNLOCKED. ACTIVATION OF THE LOCKDOWN SYSTEM SHALL ENERGIZE AND LOCK THE MAGNETIC LOCK. MAGNETIC LOCK TO REMAIN LOCKED WITH ACTIVATION OF FIRE ALARM.

Hardware Group No. HS-17

For use on Door #(s):

F132A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	INSTITUTION LOCK	L9082BDC 03N	626	SCH
2	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6400 FSE	~ 630	VON
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
2	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO EITHER READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM.

Hardware Group No. HS-18

For use on Door #(s):

29A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	STOREROOM LOCK	L9080HD 03N	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
1	EA	ELECTRIC STRIKE	6400 FSE	~ 630	VON
1	EA	WALL STOP	WS11(X)	613	IVE
1	EA	DOOR SWEEP	8197D	D	ZER
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-19

For use on Door #(s):

26 D102C

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	313AN	IVE
1	EA	STOREROOM LOCK	L9080HD 03A	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
1	EA	SURFACE CLOSER	4040XP SCUSH	690	LCN
			- MATCH EXISTING FINISH		
1	EA	CUSH SHOE SUPPORT	4040XP-30	690	LCN
			- MATCH EXISTING FINISH		
1	EA	RAIN DRIP	142D	D	ZER
1	EA	DOOR SWEEP	8197D	D	ZER
1	EA	THRESHOLD	566A	A	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-20

For use on Door #(s):

28

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY	313AN	IVE
2	EA	MANUAL FLUSH BOLT	FB458	613	IVE
1	EA	STOREROOM LOCK	L9080HD 03A	606	SCH
			- RHRA		

1	EA	SFIC CORE	80-037 EV29 R	606	SCH
1	EA	SURFACE CLOSER	4040XP SCUSH	690	LCN
			- MATCH EXISTING FINISH		
1	EA	CUSH SHOE SUPPORT	4040XP-30	690	LCN
			- MATCH EXISTING FINISH		
1	EA	RAIN DRIP	142D	D	ZER
2	EA	DOOR SWEEP	8198D	D	ZER
1	EA	THRESHOLD	566A	A	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-21

For use on Door #(s):

24 25

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	STOREROOM LOCK	L9080HD 03N	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
1	EA	RAIN DRIP	142D	D	ZER
1	EA	DOOR CONTACT	7766	~ 628	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-22

For use on Door #(s):

J101B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY	313AN	IVE
2	EA	DUMMY PUSH BAR	330-DT-990	606	VON
2	EA	SURFACE CLOSER	4040XP SCUSH	690	LCN
			- MATCH EXISTING FINISH		
2	EA	CUSH SHOE SUPPORT	4040XP-30	690	LCN
			- MATCH EXISTING FINISH		
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOOR. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOOR AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

Hardware Group No. HS-23

For use on Door #(s):

F104

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	224XY	628	IVE
2	EA	PANIC HARDWARE	9949-L-03-LBL	626	VON
2	EA	SFIC CORE	80-037 EV29 R	626	SCH
2	EA	SFIC RIM CYLINDER	80-116 (W/DISP CONST CORE)	626	SCH
2	EA	SURFACE CLOSER	4040XP RW/PA - PUSH-SIDE	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	WALL STOP/HOLDER	WS45(X)	626	IVE
2	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. HS-24

For use on Door #(s):

J102

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	224XY	628	IVE
2	EA	FIRE EXIT HARDWARE	9949-EO-F-LBL	626	VON
2	EA	SURFACE CLOSER	4040XP RW/PA - PUSH-SIDE	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	FIRE/LIFE WALL MAG	SEM7850 AS REQ - COORDINATE VOLTAGE	~ 689	LCN
1	EA	GASKETING	488S	BK	ZER
1	EA	ASTRAGAL	PROVIDED BY DOOR SUPPLIER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

THE WALL MAGNETS SHALL BE WIRED TO THE FIRE ALARM PANEL THROUGH A SET OF NORMALLY-CLOSED, DRY CONTACTS (SUPPLIED BY THE FIRE ALARM CONTRACTOR).

MAGNETIC HOLD OPENS ARE CONTINUOUSLY ENERGIZED ALLOWING THE DOORS TO BE HELD OPEN UNDER NORMAL BUILDING CONDITIONS. WHEN THE FIRE ALARM IS ACTIVATED, POWER TO THE MAGNETIC HOLD OPEN IS DISCONNECTED CAUSING THE DOOR CLOSER TO CLOSE THE DOORS.

Hardware Group No. HS-25

For use on Door #(s):

J106A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	POWER TRANSFER	EPT10 CON	~ 689	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-L-NL-03-CON	~ 626	VON
1	EA	SFIC CORE	80-037 EV29 R	626	SCH
1	EA	SFIC RIM CYLINDER	80-116 (W/DISP CONST CORE)	626	SCH
1	EA	OH STOP	100S ADJ	630	GLY
1	EA	SURFACE CLOSER	4040XP RW/PA - PUSH-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER POWER SUPPLY	MT15 (PROVIDED BY ACCESS CONTROL) PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOOR ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-26

For use on Door #(s):

J101A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY TWP CON	~ 313AN	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	695	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-DT-CON	~ 606	VON

1	EA	ELEC PANIC HARDWARE	QEL-99-NL-CON - RHRA	~ 606	VON
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	613	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	613	SCH
2	EA	SURFACE CLOSER	4040XP SCUSH - MATCH EXISTING FINISH	690	LCN
2	EA	CUSH SHOE SUPPORT	4040XP-30 - MATCH EXISTING FINISH	690	LCN
2	EA	DOOR SWEEP	8197D	D	ZER
1	EA	THRESHOLD	566A	A	ZER
1	EA	MULLION SEAL	8780N	BK	ZER
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
2	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
2	EA	DOOR CONTACT POWER SUPPLY	679-05HM PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOOR. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOOR AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-27

For use on Door #(s):

F102A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON	~ 695	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-EO-CON	~ 606	VON
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOOR ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-28

For use on Door #(s):

F102B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	POWER TRANSFER	EPT10 CON	~ 695	VON
1	EA	REMOVABLE MULLION	4954 STAB	695	VON
2	EA	ELEC PANIC HARDWARE	QEL-99-EO-CON	~ 606	VON
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
2	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER		

- SPECIFIED UNDER POWER
SUPPLY HW SET

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-29

For use on Door #(s):

F102C

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	POWER TRANSFER	EPT10 CON	~ 695	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	695	VON
2	EA	ELEC PANIC HARDWARE	QEL-99-EO-CON	~ 606	VON
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	613	SCH
1	EA	SFIC CORE	80-037 EV29 R	613	SCH
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D)	~	SCH
			- ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)		
2	EA	WIRE HARNESS	CON-6W	~	SCH
			- WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY		
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES.

PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-30

For use on Door #(s):

F102D

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON	~ 695	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-EO-CON	~ 606	VON
1	EA	ACTUATOR, JAMB MOUNT	8310-818T	~ 630	LCN
1	EA	SURFACE MOUNT BOX	8310-819S	~ 689	LCN
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOOR ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE ONE LEAF.

LOCKED HOURS: DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH AND SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-31

For use on Door #(s):

18

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON - RHRA	~ 695	VON
1	EA	REMOVABLE MULLION	4954 STAB	695	VON
1	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON - RHRA	~	VON
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-32

For use on Door #(s):

4

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON - RHRA	~ 695	VON
1	EA	REMOVABLE MULLION	4954 STAB	695	VON
1	EA	PANIC HARDWARE	99-EO	606	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-NL-OP-110MD-CON - RHRA	~ 606	VON
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
2	EA	SURFACE CLOSER	4040XP SCUSH - MATCH EXISTING FINISH	690	LCN
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
2	EA	DOOR CONTACT NOTE POWER SUPPLY	679-05HM BALANCE OF HARDWARE EXISTING PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-33

For use on Door #(s):

1C

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	POWER TRANSFER	EPT10 CON	~ 695	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	695	VON
2	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON	~	VON
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	613	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	613	SCH
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
2	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
2	EA	DOOR CONTACT NOTE POWER SUPPLY	679-05HM BALANCE OF HARDWARE EXISTING PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-34

For use on Door #(s):

1A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON	~ 695	VON

1	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON	~		VON
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~		SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~		SCH
1	EA	DOOR CONTACT NOTE POWER SUPPLY	679-05HM BALANCE OF HARDWARE EXISTING PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~	BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOOR ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-35

For use on Door #(s):

3

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON - RHRA	~ 695	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	695	VON
1	EA	PANIC HARDWARE	99-EO	606	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-NL-OP-110MD-CON - RHRA	~ 606	VON
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	613	SCH

1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	613	SCH
2	EA	SURFACE CLOSER	4040XP SCUSH	690	LCN
			- MATCH EXISTING FINISH		
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D)	~	SCH
			- ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)		
1	EA	WIRE HARNESS	CON-6W	~	SCH
			- WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY		
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
			- MULLION (VERTICAL MOUNT)		
2	EA	DOOR CONTACT NOTE	679-05HM	~ BLK	SCE
			BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER		
			- SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-36

For use on Door #(s):

23A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	POWER TRANSFER	EPT10 CON	~ 695	VON
1	EA	REMOVABLE MULLION	4954 STAB	695	VON
2	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE	~	VON
			CONVERSION-CON		
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	606	SCH
1	EA	SFIC CORE	80-037 EV29 R	606	SCH
2	EA	OH STOP	90SE	613	GLY
			- INSTALL INTERIOR VESTIBULE RHRA AND EXTERIOR VESTIBULE RHRA		
1	EA	SURFACE CLOSER	4040XP SCUSH	690	LCN
			- MATCH EXISTING FINISH		
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D)	~	SCH
			- ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE		

2	EA	WIRE HARNESS	CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D) CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~		SCH
2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~	BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET			
		INTERCOM SYSTEM	PROVIDED BY OTHERS	~		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE ONE LEAF.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. EXTERIOR ACTUATOR IS DISABLED.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-37

For use on Door #(s):

1B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	POWER TRANSFER	EPT10 CON	~ 695	VON
1	EA	REMOVABLE MULLION	4954 STAB	695	VON
2	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON	~	VON
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
2	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~	BLK
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES.

PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-38

For use on Door #(s):

23B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	POWER TRANSFER	EPT10 CON	~ 695	VON
1	EA	REMOVABLE MULLION	4954 STAB	695	VON
2	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON	~	VON
2	EA	SURFACE CLOSER	4040XP SCUSH	690	LCN
2	EA	WIRE HARNESS	- MATCH EXISTING FINISH CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
2	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
2	EA	DOOR CONTACT NOTE POWER SUPPLY	679-05HM BALANCE OF HARDWARE EXISTING PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE

OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-39

For use on Door #(s):

J106B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	313AN	IVE
1	EA	PANIC HARDWARE	99-EO	606	VON
1	EA	SURFACE CLOSER	4040XP SCUSH	690	LCN
			- MATCH EXISTING FINISH		
1	EA	CUSH SHOE SUPPORT	4040XP-30	690	LCN
			- MATCH EXISTING FINISH		
1	EA	DOOR SWEEP	8197D	D	ZER
1	EA	THRESHOLD	566A	A	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-40

For use on Door #(s):

J105C

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	313AN	IVE
1	EA	PANIC HARDWARE	99-EO	606	VON
1	EA	SURFACE CLOSER	4040XP SCUSH	690	LCN
			- MATCH EXISTING FINISH		
1	EA	CUSH SHOE SUPPORT	4040XP-30	690	LCN
			- MATCH EXISTING FINISH		
1	EA	RAIN DRIP	142D	D	ZER
1	EA	DOOR SWEEP	8197D	D	ZER
1	EA	THRESHOLD	566A	A	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-41

For use on Door #(s):

10

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SURFACE CLOSER	4040XP SCUSH - MATCH EXISTING FINISH	690	LCN
1	EA	DOOR CONTACT NOTE NOTE	679-05HM BALANCE OF HARDWARE EXISTING BLANK CYLINDER - MATCH EXISTING FINISH	~ BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-42

For use on Door #(s):

30A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SURFACE CLOSER	4040XP SCUSH - MATCH EXISTING FINISH	690	LCN
2	EA	DOOR CONTACT NOTE NOTE	679-05HM BALANCE OF HARDWARE EXISTING BLANK CYLINDER - MATCH EXISTING FINISH	~ BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-43

For use on Door #(s):

11 12 17

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	REMOVABLE MULLION	4954 STAB	695	VON
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		
		NOTE	BLANK CYLINDER		
			- MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-44

For use on Door #(s):

30B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-45

For use on Door #(s):

8

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	613	SCH
1	EA	SFIC CORE	80-037 EV29 R	613	SCH

1	EA	SURFACE CLOSER	4040XP SCUSH - MATCH EXISTING FINISH	690	LCN
2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING BLANK CYLINDER - MATCH EXISTING FINISH	~ BLK	SCE
		NOTE			

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-46

For use on Door #(s):

1D

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	ACTUATOR, JAMB MOUNT	8310-818T	~ 630	LCN
1	EA	SURFACE MOUNT BOX	8310-819S	~ 689	LCN
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE
		INTERCOM SYSTEM	PROVIDED BY OTHERS	~	

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOOR ELECTRONICALLY UNLOCKED VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE DOOR.

LOCKED HOURS: DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE DOOR. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE AND SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE DOOR.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. HS-47

For use on Door #(s):

2

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
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1	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE
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NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-48

For use on Door #(s):

5	6	9	13	14	15
16	20	21	22		

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE
		NOTE	BLANK CYLINDER - MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-49

For use on Door #(s):

D102A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SFIC CORE	80-037 EV29 R - AS REQ'D	626	SCH
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE) - AS REQ'D	626	SCH
		NOTE	BALANCE OF HARDWARE EXISTING		

NOTES:

1) VERIFY CYLINDER COMPATIBILITY WITH LOCK PRIOR TO PURCHASE.

Hardware Group No. HS-50

For use on Door #(s):

F103A

F103B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	SFIC CORE	80-037 EV29 R - AS REQ'D	626	SCH
2	EA	SFIC RIM CYLINDER	80-116 (W/DISP CONST CORE) - AS REQ'D	626	SCH

NOTE

BALANCE OF HARDWARE
EXISTING

NOTES:

1) VERIFY CYLINDER COMPATIBILITY WITH LOCK PRIOR TO PURCHASE.

Hardware Group No. HS-51

For use on Door #(s):

F103	F106A	F106B	F110	F111	F112
F114	F116	F117	F118	F121	F122
F123	F124	F127	F133	F134	F137
F138	F139	F140	F141		

Each to have:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SFIC CORE	80-037 EV29 R	626 SCH
		- AS REQ'D		
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	626 SCH
		- AS REQ'D		
	NOTE	BALANCE OF HARDWARE		
		EXISTING		

NOTES:

1) VERIFY CYLINDER COMPATIBILITY WITH LOCK PRIOR TO PURCHASE.

Hardware Group No. HS-52

For use on Door #(s):

J106C

Each to have:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CONTACT	674-OH	~ 628 SCE
	NOTE	BALANCE OF HARDWARE BY		
		DOOR MANUFACTURER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED OR CLOSED.

Hardware Group No. HS-53

For use on Door #(s):

19 27 29B

Each to have:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CONTACT	674-OH	~ 628 SCE
	NOTE	BALANCE OF HARDWARE		
		EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. HS-54

For use on Door #(s):

J105B

Each to have:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
		HARDWARE BY DOOR		
		MANUFACTURER		

Hardware Group No. HS-POWER SUPPLIES

For use on Door #(s):

POWER
SUPPLIES

Each to have:

QTY	EA	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER SUPPLY	PS904 900-4RL - DOOR 18	~ LGR	SCE
1	EA	POWER SUPPLY	PS904 900-8P - DOOR 29A	~ LGR	SCE
1	EA	POWER SUPPLY	PS906 900-4RL - DOORS 23A, 23B	~ LGR	SCE
1	EA	POWER SUPPLY	PS906 900-4RL 900-4RL - DOORS 1A, 1B, 1C	~ LGR	SCE
1	EA	POWER SUPPLY	PS906 900-4RL 900-4RL - DOORS F102A, F102B, F102C, F102D	~ LGR	SCE
1	EA	POWER SUPPLY	PS906 900-4RL 900-4RL - DOORS 3, 4, J101A, J105A, J106A	~ LGR	SCE
1	EA	POWER SUPPLY	PS906 900-8P - DOORS F107A, F107B, F126, F129, F132A	~ LGR	SCE

NOTES:

1) COORDINATE POWER SUPPLY REQUIREMENTS W/SECURITY PROVIDER.

2) COORDINATE LOCATION OF POWER SUPPLIES WITH ARCHITECT, OWNER AND SECURITY PROVIDER.

RUTH HOPPIN ELEMENTARY

Hardware Group No. RHE-01

For use on Door #(s):

A110A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PASSAGE SET	L9010 03A	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. RHE-02

For use on Door #(s):

A107A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PRIVACY W/DEADBOLT	L9440 03A 09-544 L283-722	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	488S	BK	ZER

Hardware Group No. RHE-03

For use on Door #(s):

A105A

A106A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 03A 09-544	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. RHE-04

For use on Door #(s):

A104A

A108A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH

1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. RHE-05

For use on Door #(s):

A117A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	SURFACE CLOSER	4040XP HW/PA - PUSH-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. RHE-06

For use on Door #(s):

A115A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	488S	BK	ZER

Hardware Group No. RHE-07

For use on Door #(s):

A102A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	OH STOP	100S	630	GLY
1	EA	SURFACE CLOSER	4040XP RW/PA ST-1630 - PULL-SIDE	689	LCN
1	EA	TOP JAMB MTG PLATE	4040XP-18TJ	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE

1	EA	DESK MOUNT BUTTON POWER SUPPLY	660-PB PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ 628	SCE
		INTERCOM SYSTEM	PROVIDED BY OTHERS	~	
OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.					

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER OR PRESSING PUSH BUTTON LOCATED AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. RHE-08

For use on Door #(s):

A109B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	OH STOP	100S	630	GLY
1	EA	SURFACE CLOSER	4040XP RW/PA ST-1630 - PULL-SIDE	689	LCN
1	EA	TOP JAMB MTG PLATE	4040XP-18TJ	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	488S	BK	ZER
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER POWER SUPPLY	MT15 (PROVIDED BY ACCESS CONTROL) PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. RHE-09

For use on Door #(s):

A109A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	INSTITUTION LOCK	L9082BDC 03A	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	OH STOP	100S	630	GLY

1	EA	SURFACE CLOSER	4040XP RW/PA ST-1630 - PULL-SIDE	689	LCN
1	EA	TOP JAMB MTG PLATE	4040XP-18TJ	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
2	EA	MULTITECH READER POWER SUPPLY	MT11 (PROVIDED BY ACCESS CONTROL) PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO EITHER READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM.

Hardware Group No. RHE-10

For use on Door #(s):

A102B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM X STOREROOM	L9060BDC 03A XL12-876 - STOREROOM FUNCTION RECEPTION SIDE	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	MAGNETIC LOCK	M490P ATS/LED - PUSH-SIDE	~ 628	SCE
1	EA	SURFACE CLOSER	4040XP RW/PA - PUSH-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	488S	BK	ZER
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
2	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DESK MOUNT BUTTON POWER SUPPLY	660-PB PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ 628	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE UNLOCKS SCHOOL CORRIDOR SIDE LEVER. FREE ENTRY FROM SCHOOL INTO OFFICE. OFFICE SIDE ALWAYS LOCKED PREVENTING FREE PASSAGE FROM OFFICE INTO THE SCHOOL. PRESENTING A VALID CREDENTIAL TO THE READER ON SCHOOL OFFICE SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING

ACCESS INTO THE SCHOOL. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF LOCKDOWN SYSTEM.

LOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE LOCKS SCHOOL CORRIDOR SIDE LEVER, THUS LOCKED IN BOTH DIRECTIONS. PRESENTING A VALID CREDENTIAL TO EITHER READER ON EITHER SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF LOCKDOWN SYSTEM.

MAGNETIC LOCK NORMALLY DE-ENERGIZED AND UNLOCKED. ACTIVATION OF THE LOCKDOWN SYSTEM SHALL ENERGIZE AND LOCK THE MAGNETIC LOCK. MAGNETIC LOCK TO REMAIN LOCKED WITH ACTIVATION OF FIRE ALARM.

Hardware Group No. RHE-11

For use on Door #(s):

15

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY	628	IVE
2	EA	MANUAL FLUSH BOLT	FB458	626	IVE
1	EA	STOREROOM LOCK	L9080HD 03A - RHRA	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	OH STOP	100S	630	GLY
1	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	RAIN DRIP	142AA	AA	ZER
2	EA	DOOR SWEEP	8197AA	AA	ZER
1	EA	THRESHOLD	566A	A	ZER
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. RHE-12

For use on Door #(s):

A114A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 5 X 4.5 NRP	652	IVE
1	EA	FIRE EXIT HARDWARE	98-L-F-03	626	VON
1	EA	SFIC RIM CYLINDER	80-116 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA - PUSH-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	FIRE/LIFE WALL MAG	SEM7850 AS REQ	~ 689	LCN
1	EA	GASKETING	488S	BK	ZER

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

THE WALL MAGNET SHALL BE WIRED TO THE FIRE ALARM PANEL THROUGH A SET OF NORMALLY-CLOSED, DRY CONTACTS (SUPPLIED BY THE FIRE ALARM CONTRACTOR) AND LOCKDOWN SYSTEM.

MAGNETIC HOLD OPEN IS CONTINUOUSLY ENERGIZED ALLOWING THE DOOR TO BE HELD OPEN UNDER NORMAL BUILDING CONDITIONS. WHEN THE FIRE ALARM AND/OR LOCKDOWN SYSTEM IS ACTIVATED,

POWER TO THE MAGNETIC HOLD OPEN IS DISCONNECTED CAUSING THE DOOR CLOSER TO CLOSE THE DOOR.

Hardware Group No. RHE-13

For use on Door #(s):

A101B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	224XY TWP CON	~ 628	IVE
1	EA	FIRE RATED REMOVABLE MULLION	KR9954 STAB	689	VON
1	EA	ELEC FIRE EXIT HARDWARE	LX-QEL-98-NL-OP-F-110MD-CON - RHRA	~ 626	VON
1	EA	ELEC FIRE EXIT HARDWARE	QEL-98-EO-F-CON	~ 626	VON
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC RIM CYLINDER	80-116 (W/DISP CONST CORE)	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	90 DEG OFFSET PULL	8190EZHD 10" O	630-31 6	IVE
1	EA	OH STOP	100S	630	GLY
1	EA	OH STOP	100SE	630	GLY
			- LEAF W/AUTO OPERATOR		
1	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	SURF. AUTO OPERATOR	4642 WMS	~ 689	LCN
			- RHRA		
2	EA	ACTUATOR, WALL MOUNT	8310-853T	~ 630	LCN
2	EA	FLUSH MOUNT BOX	8310-867F	~ 689	LCN
2	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	MEETING STILE	8217S	BK	ZER
1	EA	GASKETING	488S	BK	ZER
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D)	~	SCH
			- ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)		
2	EA	WIRE HARNESS	CON-6W	~	SCH
			- WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY		
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER		
			- SPECIFIED UNDER POWER SUPPLY HW SET		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE ONE LEAF.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH AND SIGNAL AUTO

OPERATOR TO MOMENTARILY OPEN ONE LEAF.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER, ACTIVATION OF THE FIRE ALARM OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. RHE-14

For use on Door #(s):

A101A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY TWP CON	~ 628	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
1	EA	ELEC PANIC HARDWARE	LX-QEL-98-NL-OP-110MD-CON - RHRA	~ 626	VON
1	EA	ELEC PANIC HARDWARE	QEL-98-EO-CON	~ 626	VON
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	90 DEG OFFSET PULL	8190EZHD 10" O	630-31 6	IVE
1	EA	OH STOP	100S	630	GLY
1	EA	OH STOP	100SE	630	GLY
			- LEAF W/AUTO OPERATOR		
1	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	SURF. AUTO OPERATOR	4642 WMS	~ 689	LCN
			- RHRA		
2	EA	ACTUATOR, JAMB MOUNT	8310-818T	~ 630	LCN
2	EA	FLUSH MOUNT BOX	8310-819F	~ 689	LCN
2	EA	DOOR SWEEP	8197AA	AA	ZER
1	EA	THRESHOLD	566A	A	ZER
2	EA	MULLION SEAL	8780N	BK	ZER
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
2	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL) - MULLION (HORIZONTAL MOUNT)	~ BLK	SCE
2	EA	DOOR CONTACT POWER SUPPLY	679-05HM PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE ONE LEAF.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH AND SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. RHE-15

For use on Door #(s):

16

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	628	IVE
1	EA	CONT. HINGE	112XY TWP CON - RHRA	~ 628	IVE
1	EA	REMOVABLE MULLION	4954 STAB	689	VON
1	EA	PANIC HARDWARE	98-EO	626	VON
1	EA	ELEC PANIC HARDWARE	QEL-98-NL-OP-110MD-CON - RHRA	~ 626	VON
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	90 DEG OFFSET PULL	8190EZHD 10" O	630-31 6	IVE
2	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
2	EA	DOOR SWEEP	8197AA	AA	ZER
1	EA	THRESHOLD	566A-V3	A	ZER
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL) - MULLION (HORIZONTAL MOUNT)	~ BLK	SCE
2	EA	DOOR CONTACT POWER SUPPLY	679-05HM PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. RHE-16

For use on Door #(s):

6 11

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON - RHRA	~ 689	VON
1	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON - RHRA	~	VON
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	90 DEG OFFSET PULL	8190EZHD 10" O	630-31 6	IVE
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL) - MULLION (HORIZONTAL MOUNT)	~ BLK	SCE
2	EA	DOOR CONTACT NOTE POWER SUPPLY	679-05HM BALANCE OF HARDWARE EXISTING PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR

CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. RHE-17

For use on Door #(s):

4

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	628	IVE
1	EA	PANIC HARDWARE	98-EO	626	VON
1	EA	90 DEG OFFSET PULL	8190EZHD 10" O	630-31	IVE
				6	
1	EA	OH STOP	100S	630	GLY
1	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	DOOR SWEEP	8197AA	AA	ZER
1	EA	THRESHOLD	566A	A	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. RHE-18

For use on Door #(s):

2 3 5 7 8 10
13

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		
		NOTE	BLANK CYLINDER		
			- MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. RHE-19

For use on Door #(s):

12 17

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
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2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING BLANK CYLINDER - MATCH EXISTING FINISH	~	BLK	SCE
		NOTE				

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. RHE-20

For use on Door #(s):

9

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SFIC MORTISE CYL.	80-132 (W/KEYED CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~	BLK SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. RHE-21

For use on Door #(s):

14

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~	BLK SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. RHE-POWER SUPPLIES

For use on Door #(s):

POWER
SUPPLIES

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER SUPPLY	PS906 900-4RL - DOORS 6, 11, 16	~ LGR	SCE
1	EA	POWER SUPPLY	PS906 900-4RL 900-4RL-FA - DOORS A101A, A101B	~ LGR	SCE
1	EA	POWER SUPPLY	PS906 900-8P - DOORS A102A, A102B, A109A, A109B	~ LGR	SCE

NOTES:

1) COORDINATE POWER SUPPLY REQUIREMENTS W/SECURITY PROVIDER.

2) COORDINATE LOCATION OF POWER SUPPLIES WITH ARCHITECT, OWNER AND SECURITY PROVIDER.

ANDREWS ELEMENTARY

Hardware Group No. AE-01

For use on Door #(s):

A108A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PASSAGE SET	L9010 03A	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. AE-02

For use on Door #(s):

A113A A115A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PRIVACY W/DEADBOLT	L9440 03A 09-544	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	488S	BK	ZER

Hardware Group No. AE-03

For use on Door #(s):

A105A A106A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PRIVACY W/DEADBOLT	L9440 03A 09-544 L283-722	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	488S	BK	ZER

Hardware Group No. AE-04

For use on Door #(s):

A103A A111A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 03A 09-544	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. AE-05

For use on Door #(s):

A104A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. AE-06

For use on Door #(s):

A109A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. AE-07

For use on Door #(s):

A107A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER POWER SUPPLY	MT15 (PROVIDED BY ACCESS CONTROL) PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. AE-08

For use on Door #(s):

A102B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	OH STOP	100S	630	GLY
1	EA	SURFACE CLOSER	4040XP RW/PA ST-1630 - PULL-SIDE	689	LCN
1	EA	TOP JAMB MTG PLATE	4040XP-18TJ	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DESK MOUNT BUTTON POWER SUPPLY	660-PB PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ 628	SCE
		INTERCOM SYSTEM	PROVIDED BY OTHERS	~	

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER OR PRESSING PUSH BUTTON LOCATED AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. AE-09

For use on Door #(s):

A102A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CLASSROOM X STOREROOM	L9060BDC 03A XL12-876 - STOREROOM FUNCTION RECEPTION SIDE	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	MAGNETIC LOCK	M490P TJ490 ATS/LED - PULL-SIDE	~ 628	SCE
1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN

1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
2	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DESK MOUNT BUTTON POWER SUPPLY	660-PB PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ 628	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE UNLOCKS SCHOOL CORRIDOR SIDE LEVER. FREE ENTRY FROM SCHOOL INTO OFFICE. OFFICE SIDE ALWAYS LOCKED PREVENTING FREE PASSAGE FROM OFFICE INTO THE SCHOOL. PRESENTING A VALID CREDENTIAL TO THE READER ON SCHOOL OFFICE SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS INTO THE SCHOOL. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM.

LOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE LOCKS SCHOOL CORRIDOR SIDE LEVER, THUS LOCKED IN BOTH DIRECTIONS. PRESENTING A VALID CREDENTIAL TO EITHER READER ON EITHER SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM.

MAGNETIC LOCK NORMALLY DE-ENERGIZED AND UNLOCKED. ACTIVATION OF THE LOCKDOWN SYSTEM SHALL ENERGIZE AND LOCK THE MAGNETIC LOCK. MAGNETIC LOCK TO REMAIN LOCKED WITH ACTIVATION OF FIRE ALARM.

Hardware Group No. AE-10

For use on Door #(s):

A107B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	INSTITUTION LOCK	L9082BDC 03N	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6400 FSE	~ 630	VON
2	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO EITHER READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM.

Hardware Group No. AE-11

For use on Door #(s):

7 8

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	ELECTRIC STRIKE	6400 FSE	~ 630	VON
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL) - MULLION (HORIZONTAL MOUNT)	~ BLK	SCE
1	EA	DOOR CONTACT NOTE NOTE POWER SUPPLY	679-05HM BALANCE OF HARDWARE EXISTING BLANK CYLINDER - MATCH EXISTING FINISH PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. AE-12

For use on Door #(s):

6

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	ELECTRIC STRIKE	6400 FSE	~ 630	VON
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL) - MULLION (HORIZONTAL MOUNT)	~ BLK	SCE
1	EA	DOOR CONTACT NOTE NOTE POWER SUPPLY	679-05HM BALANCE OF HARDWARE EXISTING BLANK CYLINDER - MATCH EXISTING FINISH PROVIDED BY DOOR HARDWARE SUPPLIER	~ BLK	SCE

- SPECIFIED UNDER POWER
SUPPLY HW SET

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. AE-13

For use on Door #(s):

A104B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	INSTITUTION LOCK	L9082BDC 03N	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

Hardware Group No. AE-14

For use on Door #(s):

A101A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY TWP CON	~ 628	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
1	EA	ELEC PANIC HARDWARE	LX-QEL-98-NL-OP-110MD-CON	~ 626	VON
			- RHRA		
1	EA	ELEC PANIC HARDWARE	QEL-98-EO-CON	~ 626	VON
1	EA	SFIC MORTISE CYL.	80-110 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC RIM CYLINDER	80-116 (W/DISP CONST CORE)	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ACTUATOR, WALL MOUNT	8310-853T	~ 630	LCN
1	EA	ACTUATOR, WALL MOUNT	8310-855	~ 630	LCN
			- VESTIBULE SIDE SHARED		
			W/EXTERIOR DOOR		
2	EA	SURFACE MOUNT BOX	8310-867S	~ 689	LCN
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D)	~	SCH
			- ELECTRIFIED HARDWARE TO		
			POWER TRANSFER (EVALUATE		
			CONDITIONS AND MODIFY WIRE		
			LENGTH AS REQ'D)		

2	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~		SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~	BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING			
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET			

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE ONE LEAF.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH AND SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. AE-15

For use on Door #(s):

3 5

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON - RHRA	~ 689	VON
1	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON - RHRA	~	VON
1	EA	SFIC MORTISE CYL.	80-110 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE

2	EA	DOOR CONTACT NOTE	- MULLION (HORIZONTAL MOUNT) 679-05HM BALANCE OF HARDWARE EXISTING	~	BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET			

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. AE-16

For use on Door #(s):

9

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON - RHRA	~ 689	VON
1	EA	PANIC HARDWARE	98-EO	626	VON
1	EA	ELEC PANIC HARDWARE	QEL-98-NL-OP-110MD-CON - RHRA	~ 626	VON
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL) - MULLION (HORIZONTAL MOUNT)	~ BLK	SCE
2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES.

PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. AE-17

For use on Door #(s):

1

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SFIC MORTISE CYL.	80-110 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE ONE LEAF.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH AND SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. AE-18

For use on Door #(s):

4

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		
		NOTE	BLANK CYLINDER		
			- MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. AE-19

For use on Door #(s):

2

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. AE-POWER SUPPLIES

For use on Door #(s):

POWER
SUPPLIES

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER SUPPLY	PS904 900-4RL - DOORS 3, 5	~ LGR	SCE
1	EA	POWER SUPPLY	PS906 900-4RL 900-8P - DOORS 6, 7, 8, 9	~ LGR	SCE
1	EA	POWER SUPPLY	PS906 900-4RL 900-8P - DOORS A101A, A102A, A102B, A107A, A107B	~ LGR	SCE

NOTES:

- 1) COORDINATE POWER SUPPLY REQUIREMENTS W/SECURITY PROVIDER.
- 2) COORDINATE LOCATION OF POWER SUPPLIES WITH ARCHITECT, OWNER AND SECURITY PROVIDER.

PARK ELEMENTARY

Hardware Group No. PE-01

For use on Door #(s):

A105A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 03A 09-544	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE

3	EA	SILENCER	SR64	GRY	IVE
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Hardware Group No. PE-02

For use on Door #(s):

A106A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. PE-03

For use on Door #(s):

C101A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	OH STOP	100S	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. PE-04

For use on Door #(s):

A106B

A110A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS33(X)	626	IVE
1	EA	GASKETING	488S	BK	ZER
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM OR ACTIVATION OF THE LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-05

For use on Door #(s):

A102A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	SURFACE CLOSER	4040XP RW/PA - PUSH-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	488S	BK	ZER
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DESK MOUNT BUTTON POWER SUPPLY	660-PB PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ 628	SCE
		INTERCOM SYSTEM	PROVIDED BY OTHERS	~	

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER OR PRESSING PUSH BUTTON LOCATED AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM OR ACTIVATION OF LOCKDOWN. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-06

For use on Door #(s):

A109A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	STOREROOM LOCK	L9080BDC 03N	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	RECTIFIER	2001M	~	HES
1	EA	WIRE HARNESS	2004M	~	HES
1	EA	ELECTRIC STRIKE	8500c	~ 630	HES

1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~	BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING			
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET			

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF THE LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-07

For use on Door #(s):

A107A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP		652	IVE
1	EA	INSTITUTION LOCK	L9082BDC 03A		626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R		626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~	630	VON
1	EA	SURFACE CLOSER	4040XP RW/PA - PUSH-SIDE		689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS406/407CVX		630	IVE
3	EA	SILENCER	SR64		GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~		SCH
2	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~	BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET			

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO EITHER READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF THE LOCKDOWN SYSTEM.

Hardware Group No. PE-08

For use on Door #(s):

A102B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CLASSROOM X STOREROOM	L9060BDC 03N XL12-876 - STOREROOM FUNCTION RECEPTION SIDE	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	RECTIFIER	2001M	~	HES
1	EA	WIRE HARNESS	2004M	~	HES
1	EA	ELECTRIC STRIKE	8500c	~ 630	HES
1	EA	MAGNETIC LOCK	M490P TJ490 ATS/LED - PULL-SIDE	~ 628	SCE
2	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DESK MOUNT BUTTON NOTE POWER SUPPLY	660-PB BALANCE OF HARDWARE EXISTING PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ 628	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE UNLOCKS SCHOOL CORRIDOR SIDE LEVER. FREE ENTRY FROM SCHOOL INTO OFFICE. OFFICE SIDE ALWAYS LOCKED PREVENTING FREE PASSAGE FROM OFFICE INTO THE SCHOOL. PRESENTING A VALID CREDENTIAL TO THE READER ON SCHOOL OFFICE SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS INTO THE SCHOOL. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM.

LOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE LOCKS SCHOOL CORRIDOR SIDE LEVER, THUS LOCKED IN BOTH DIRECTIONS. PRESENTING A VALID CREDENTIAL TO EITHER READER ON EITHER SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM.

MAGNETIC LOCK NORMALLY DE-ENERGIZED AND UNLOCKED. ACTIVATION OF THE LOCKDOWN SYSTEM SHALL ENERGIZE AND LOCK THE MAGNETIC LOCK. MAGNETIC LOCK TO REMAIN LOCKED WITH ACTIVATION OF FIRE ALARM.

Hardware Group No. PE-09

For use on Door #(s):

6

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	628	IVE
1	EA	STOREROOM LOCK	L9080HD 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	OH STOP	100S	630	GLY
1	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	DOOR SWEEP	8197AA	AA	ZER
1	EA	THRESHOLD	566A	A	ZER

1 EA DOOR CONTACT 679-05HM ~ BLK SCE
 WEATHERSTRIPPING PROVIDED BY DOOR/FRAME
 MANUFACTURER

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. PE-10

For use on Door #(s):

A101A A101B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY TWP CON	~ 628	IVE
1	EA	ELEC PANIC HARDWARE	QEL-98-EO-CON	~ 626	VON
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOOR ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-11

For use on Door #(s):

A101C

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY TWP CON	~ 628	IVE
1	EA	ELEC PANIC HARDWARE	LX-QEL-98-NL-OP-110MD-CON	~ 626	VON
1	EA	SFIC RIM CYLINDER	80-116 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ACTUATOR, JAMB MOUNT	8310-818T	~ 630	LCN
1	EA	SURFACE MOUNT BOX	8310-819S	~ 689	LCN

1	EA	ACTUATOR, WALL MOUNT	8310-855 - SHARED W/EXTERIOR DOOR	~ 630	LCN
1	EA	SURFACE MOUNT BOX	8310-867S	~ 689	LCN
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOOR ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE DOOR.

LOCKED HOURS: DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE DOOR. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH AND SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE DOOR.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-12

For use on Door #(s):

13

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON - RHRA	~ 689	VON
1	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON - RHRA	~	VON
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE	~	SCH

1	EA	WIRE HARNESS	CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D) CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~		SCH
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL) - MULLION (HORIZONTAL MOUNT)	~	BLK	SCE
2	EA	DOOR CONTACT NOTE POWER SUPPLY	679-05HM BALANCE OF HARDWARE EXISTING PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~	BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-13

For use on Door #(s):

12

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON - RHRA	~ 689	VON
1	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON - RHRA	~	VON
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL) - MULLION (HORIZONTAL MOUNT)	~	BLK SCE

2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-14

For use on Door #(s):

3

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10 CON - RHRA	~ 689	VON
1	EA	LATCH RETRACTION KIT	EL KIT-QEL-BASE PLATE CONVERSION-CON - RHRA	~	VON
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)	~	SCH
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~	SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE

OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-15

For use on Door #(s):

1C

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOOR ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE DOOR.

LOCKED HOURS: DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE DOOR. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH AND SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE DOOR.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-16

For use on Door #(s):

4

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SFIC MORT. CYLINDER	80-132 (W/KEYED CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. PE-17

For use on Door #(s):

11

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SFIC MORT. CYLINDER	80-110 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. PE-18

For use on Door #(s):

5

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		
		NOTE	BLANK CYLINDER		
			- MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. PE-19

For use on Door #(s):

1A 1B 7 9

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOOR ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE.

LOCKED HOURS: DOOR NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM.

DOOR TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. PE-20

For use on Door #(s):

8

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. PE-21

For use on Door #(s):

10

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. PE-22

For use on Door #(s):

2

Each to have:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
		RE-USE EXISTING DOOR, FRAME & HARDWARE		

Hardware Group No. PE-POWER SUPPLIES

For use on Door #(s):

POWER
SUPPLIES

Each to have:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA POWER SUPPLY	PS902 900-2RS DOOR 3	~ LGR	SCE
1	EA POWER SUPPLY	PS904 900-4RL DOOR 12, 13	~ LGR	SCE
1	EA POWER SUPPLY	PS906 900-4RL 900-8P DOORS A101A, A101B, A101C, A102A, A102B, A106B, A107A, A109A, A110A	~ LGR	SCE

NOTES:

1) COORDINATE POWER SUPPLY REQUIREMENTS W/SECURITY PROVIDER.

2) COORDINATE LOCATION OF POWER SUPPLIES WITH ARCHITECT, OWNER AND SECURITY PROVIDER.

NORTON ELEMENTARY

Hardware Group No. NE-01

For use on Door #(s):

A108A

Each to have:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA OFFICE/ENTRY LOCK	L9050BDC 03A 09-544	626	SCH
1	EA SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA WALL STOP	WS406/407CVX	630	IVE
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. NE-02

For use on Door #(s):

A103A A106A A110A

Each to have:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA CLASSROOM LOCK	L9070BDC 03A	626	SCH
1	EA SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA WALL STOP	WS406/407CVX	630	IVE
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. NE-03

For use on Door #(s):

A113B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	STOREROOM LOCK	L9080BDC 03N	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	RECTIFIER	2001M	~	HES
1	EA	WIRE HARNESS	2004M	~	HES
1	EA	SMART PAC III	2005M3	~	HES
1	EA	ELECTRIC STRIKE	8500c	~ 630	HES
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO EITHER READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF LOCKDOWN SYSTEM.

Hardware Group No. NE-04

For use on Door #(s):

A102A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	STOREROOM LOCK	L9080BDC 03N	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	RECTIFIER	2001M	~	HES
1	EA	WIRE HARNESS	2004M	~	HES
1	EA	SMART PAC III	2005M3	~	HES
1	EA	ELECTRIC STRIKE	8500c	~ 630	HES
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DESK MOUNT BUTTON	660-PB	~ 628	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET		
		INTERCOM SYSTEM	PROVIDED BY OTHERS	~	

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO THE READER OR PRESSING PUSH BUTTON LOCATED AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF LOCKDOWN SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. NE-05

For use on Door #(s):

A102B

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CLASSROOM X STOREROOM	L9060BDC 03A XL12-876 - STOREROOM FUNCTION RECEPTION SIDE	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON
1	EA	MAGNETIC LOCK	M490P TJ490 ATS/LED - PULL-SIDE	~ 628	SCE
1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	488S	BK	ZER
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
2	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
1	EA	DESK MOUNT BUTTON POWER SUPPLY	660-PB PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ 628	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE UNLOCKS SCHOOL CORRIDOR SIDE LEVER. FREE ENTRY FROM SCHOOL INTO OFFICE. OFFICE SIDE ALWAYS LOCKED PREVENTING FREE PASSAGE FROM OFFICE INTO THE SCHOOL. PRESENTING A VALID CREDENTIAL TO THE READER ON SCHOOL OFFICE SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS INTO THE SCHOOL. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF LOCKDOWN SYSTEM.

LOCKED HOURS: CYLINDER ON SCHOOL CORRIDOR SIDE LOCKS SCHOOL CORRIDOR SIDE LEVER, THUS LOCKED IN BOTH DIRECTIONS. PRESENTING A VALID CREDENTIAL TO EITHER READER ON EITHER SIDE OR PUSH BUTTON AT RECEPTION DESK WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER, ACTIVATION OF THE FIRE ALARM, OR ACTIVATION OF LOCKDOWN SYSTEM.

MAGNETIC LOCK NORMALLY DE-ENERGIZED AND UNLOCKED. ACTIVATION OF THE LOCKDOWN SYSTEM SHALL ENERGIZE AND LOCK THE MAGNETIC LOCK. MAGNETIC LOCK TO REMAIN LOCKED WITH ACTIVATION OF FIRE ALARM.

Hardware Group No. NE-06

For use on Door #(s):

A113A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	INSTITUTION LOCK	L9082BDC 03A	626	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	~ 630	VON

1	EA	SURFACE CLOSER	4040XP RW/PA - PULL-SIDE	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM ELECTRIC STRIKE TO POWER SUPPLY	~	SCH
2	EA	MULTITECH READER POWER SUPPLY	MT15 (PROVIDED BY ACCESS CONTROL) PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET	~ BLK	SCE

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING A VALID CREDENTIAL TO EITHER READER WILL MOMENTARILY UNLOCK THE ELECTRIC STRIKE ALLOWING ACCESS. DOOR TO REMAIN LOCKED UPON LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM.

Hardware Group No. NE-07

For use on Door #(s):

8

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	313AN	IVE
1	EA	STOREROOM LOCK	L9080HD 03A	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	OH STOP	100S	630	GLY
2	EA	DOOR SWEEP	8197D	D	ZER
1	EA	THRESHOLD	566A	A	ZER
		WEATHERSTRIPPING	PROVIDED BY DOOR/FRAME MANUFACTURER		

Hardware Group No. NE-08

For use on Door #(s):

A101A

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY TWP CON	~ 313AN	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	SP313	VON
1	EA	ELEC PANIC HARDWARE	LX-QEL-98-NL-OP-110MD-CON - RHRA	~ 626	VON
1	EA	ELEC PANIC HARDWARE	QEL-98-EO-CON	~ 626	VON
1	EA	SFIC MORTISE CYL.	80-110 (W/DISP CONST CORE)	613	SCH
1	EA	SFIC RIM CYLINDER	80-116 (W/DISP CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	613	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
1	EA	ACTUATOR, WALL MOUNT	8310-853T	~ 630	LCN
1	EA	ACTUATOR, WALL MOUNT	8310-855 - VESTIBULE SIDE SHARED W/EXTERIOR DOOR	~ 630	LCN
2	EA	SURFACE MOUNT BOX	8310-867S	~ 689	LCN
2	EA	WIRE HARNESS	CON-XX/XXP (AS REQ'D) - ELECTRIFIED HARDWARE TO	~	SCH

			POWER TRANSFER (EVALUATE CONDITIONS AND MODIFY WIRE LENGTH AS REQ'D)			
2	EA	WIRE HARNESS	CON-6W - WIRE EXTENSION FROM POWER TRANSFER TO POWER SUPPLY	~		SCH
1	EA	MULTITECH READER	MT15 (PROVIDED BY ACCESS CONTROL)	~	BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING			
		POWER SUPPLY	PROVIDED BY DOOR HARDWARE SUPPLIER - SPECIFIED UNDER POWER SUPPLY HW SET			

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE ONE LEAF.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH AND SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. NE-09

For use on Door #(s):

6

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10	~ 695	VON
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	613	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	613	SCH
1	EA	RAIN DRIP	142D	D	ZER
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
			- MULLION (HORIZONTAL MOUNT)		
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. NE-10

For use on Door #(s):

10

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER TRANSFER	EPT10	~ 695	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	695	VON
1	EA	SFIC MORTISE CYL.	80-110 (W/DISP CONST CORE)	613	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	613	SCH
2	EA	SFIC EVEREST CORE	80-037 EV29 R	613	SCH
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL)	~ BLK	SCE
			- MULLION (HORIZONTAL MOUNT)		
2	EA	DOOR CONTACT NOTE	679-05HM	~ BLK	SCE
			BALANCE OF HARDWARE EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. NE-11

For use on Door #(s):

11

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	313AN	IVE
1	EA	CONT. HINGE	112XY EPT	313AN	IVE
			- RHRA		
1	EA	POWER TRANSFER	EPT10	~ 695	VON
1	EA	SFIC MORTISE CYL.	80-110 (W/DISP CONST CORE)	613	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH

1	EA	SFIC EVEREST CORE	80-037 EV29 R	613	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	DOOR SWEEP	8197D	D	ZER
1	EA	MULTITECH READER	MT11 (PROVIDED BY ACCESS CONTROL) - MULLION (HORIZONTAL MOUNT)	~ BLK	SCE
2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH ALLOWING ACCESS.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. NE-12

For use on Door #(s):

2

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	PANIC HARDWARE	98-EO	313	VON
1	EA	PANIC HARDWARE	98-NL-OP-110MD	313	VON
2	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE
		NOTE	BLANK CYLINDER - MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. NE-13

For use on Door #(s):

15

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CONTACT NOTE	679-05HM BALANCE OF HARDWARE EXISTING	~ BLK	SCE
		NOTE	BLANK CYLINDER - MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. NE-14

For use on Door #(s):

12

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	313AN	IVE
1	EA	DOOR SWEEP	8197D	D	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		
		NOTE	BLANK CYLINDER - MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. NE-15

For use on Door #(s):

7

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	313AN	IVE
1	EA	RAIN DRIP	142D	D	ZER
1	EA	DOOR SWEEP	8197D	D	ZER
2	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		
		NOTE	BLANK CYLINDER - MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE

OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACTS MONITOR WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. NE-16

For use on Door #(s):

4 5

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	313AN	IVE
1	EA	RAIN DRIP	142D	D	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		
		NOTE	BLANK CYLINDER		
			- MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. NE-17

For use on Door #(s):

13 14

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	RAIN DRIP	142D	D	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		
		NOTE	BLANK CYLINDER		
			- MATCH EXISTING FINISH		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. NE-18

For use on Door #(s):

1

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY EPT	313AN	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	SP313	VON
1	EA	SFIC MORTISE CYL.	80-110 (W/DISP CONST CORE)	613	SCH
1	EA	SFIC RIM CYLINDER	80-159 (W/KEYED CONST CORE)	626	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	613	SCH
1	EA	SFIC EVEREST CORE	80-037 EV29 R	626	SCH
2	EA	DOOR SWEEP	8197D	D	ZER
		NOTE	BALANCE OF HARDWARE EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

UNLOCKED HOURS: DOORS ELECTRONICALLY DOGGED DOWN VIA ACCESS CONTROL SYSTEM, THUS IN PUSH/PULL MODE. PUSHING EITHER AUTO OPERATOR ACTUATOR WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN THE ONE LEAF.

LOCKED HOURS: DOORS NORMALLY CLOSED AND LOCKED VIA ACCESS CONTROL SYSTEM. PRESENTING A VALID CREDENTIAL TO THE READER WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH (ALLOWING ACCESS) AND ACTIVATE EXTERIOR AUTO OPERATOR ACTUATOR. PUSHING EXTERIOR AUTO OPERATOR ACTUATOR AT THIS TIME WILL SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF. PUSH INTERIOR ACTUATOR AT ANY TIME WILL MOMENTARILY RETRACT THE PANIC DEVICE LATCH AND SIGNAL AUTO OPERATOR TO MOMENTARILY OPEN ONE LEAF.

DOORS TO REMAIN LOCKED WITH LOSS OF POWER OR ACTIVATION OF LOCKDOWN SYSTEM. DOOR CONTACTS MONITORS WHETHER THE DOORS ARE OPENED, CLOSED OR HELD OPEN TOO LONG. FREE EGRESS AT ALL TIMES.

Hardware Group No. NE-19

For use on Door #(s):

3

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	313AN	IVE
1	EA	RAIN DRIP	142D	D	ZER
1	EA	DOOR SWEEP	8197D	D	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. NE-20

For use on Door #(s):

9

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	DOOR CONTACT	679-05HM	~ BLK	SCE
		NOTE	BALANCE OF HARDWARE		
			EXISTING		

NOTES:

1) FIELD VERIFY EXISTING CONDITIONS. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

OPERATIONAL DESCRIPTION: COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT, AND ALL RELATED TRADES.

DOOR CONTACT MONITORS WHETHER THE DOOR IS OPENED, CLOSED OR HELD OPEN TOO LONG.

Hardware Group No. NE-POWER SUPPLIES

For use on Door #(s):

POWER
SUPPLIES

Each to have:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	POWER SUPPLY	PS906 900-4RL 900-8P	~ LGR	SCE
			- DOORS A101A, A102A, A102B,		
			A113A, A113B		

NOTES:

1) COORDINATE POWER SUPPLY REQUIREMENTS W/SECURITY PROVIDER.

2) COORDINATE LOCATION OF POWER SUPPLIES WITH ARCHITECT, OWNER AND SECURITY PROVIDER.

END OF SECTION