

pathways to success

# **BID DOCUMENTS COVER SHEET**

CONTRACT DOCUMENTS

FOR

# L-1209 LMC Campus Re-Key Project

AT Los Medanos College 2700 East Leland Road, Pittsburg, CA 94565

CONTRA COSTA COMMUNITY COLLEGE DISTRICT

Consists of the following:

# VOLUME 1 SPECIFICATIONS

July 21, 2023

# SECTION 00010

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## **VOLUME 1**

# **SPECIFICATIONS**

# **DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS**

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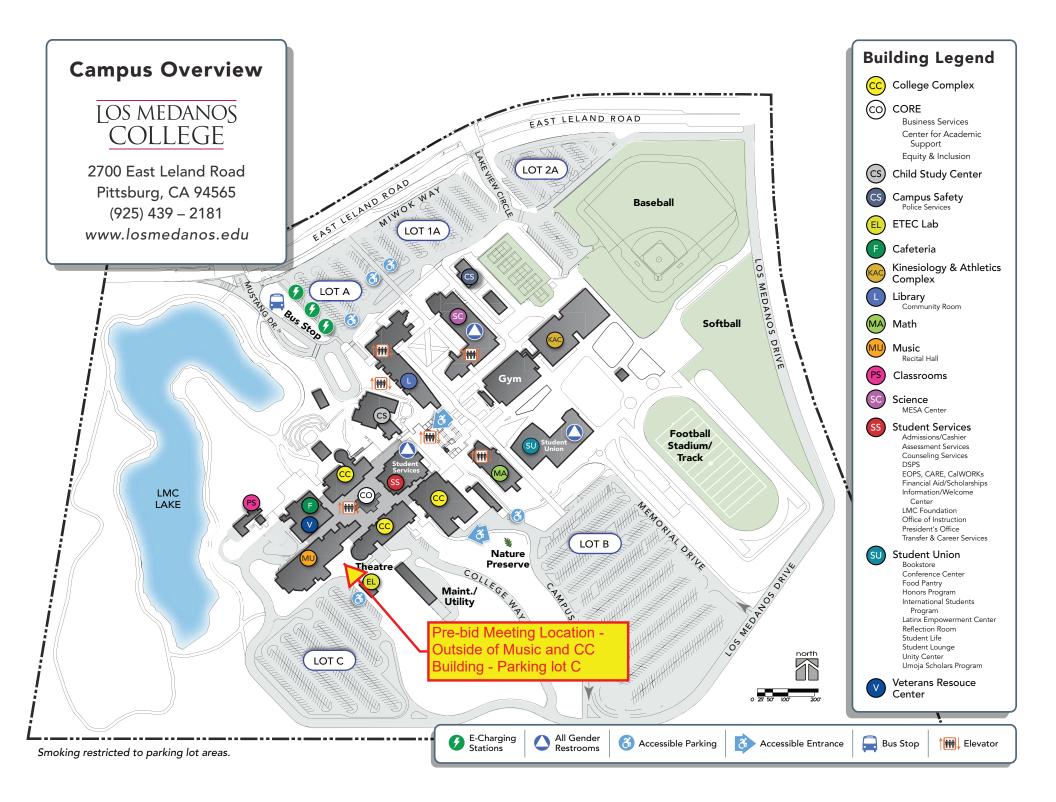
# **DIVISION 01 – GENERAL REQUIREMENTS**

See SECTION 00800 SUPPLEMENTARY GENERAL CONDITIONS

# TECHNICAL SPECIFICATIONS, PREPARED BY COMPLETE SECURITIES, INC.

- 1. L-1209 Campus Map and Floor Plans, Dated 6/1/2023, 27 Pages
- 2. L-1209 Product Data Sheets Purchase Only, Dated 7/19/2023, 5 Pages
- 3. L-1209 Keymark Hardware List Purchase Only, Dated 7/19/2023, 2 Pages
- 4. L-1209 Product Data Sheets Contractor Install, Dated 7/19/2023, 56 Pages
- 5. L-1209 Hardware List Contractor Install, Dated 7/19/2023, 2 Pages
- 6. L-1209 Door List with Hardware Groups, Dated 7/19/2023, 13 Pages

# END OF SECTION





## Section 00100 NOTICE INVITING BIDS

## L-1209 LMC CAMPUS RE-KEY PROJECT

LOS MEDANOS COLLEGE 2700 E Leland Rd. Pittsburg, CA 94565

NOTICE IS HEREBY GIVEN that the Governing Board of the Contra Costa Community College District (District), Martinez, California, will receive sealed bid proposals for the furnishing of all labor, materials, equipment, transportation and services for the construction of the project entitled **L-1209 LMC Campus Re-Key Project**.

## Construction Cost Estimate (Range): \$750,000 - \$850,000.

License Required: C28 – Lock and Security Equipment, and/or D16 Hardware, Locks and Safes.

**SCOPE OF WORK:** In general, the Work consists of the following, but not limited to:

• Updating the door and gate locking hardware on the entire campus to accept Corbin Russwin Large Format Interchangeable Cores while meeting ADA and Fire Code requirements. It also includes the procurement of factory keyed Medeco/Keymark X4 Corbin Russwin Large Format Interchangeable Cores and Intelligent Key Cabinet.

The District does not provide hardcopies of bid documents or reimburse the cost of printing, delivery, or any expenses related to the bidding process.

For information directly from the Contra Costa Community College District, you may log in to the District Website: <u>https://webapps.4cd.edu/apps/purchasingviewbids/default.aspx</u>. Project documents available include, but are not limited to plans, specifications, addenda, bidders lists, bid results, etc., and can be viewed on this District webpage. Builders Exchanges around Northern California are also notified.

All questions related to this project must be submitted electronically, *no later than* Wednesday, August 8, 2023, prior to 2:00 PM to:

Amy Sterry, Director of Purchasing and Contract Services Contra Costa Community College District Email: <u>asterry@4cd.edu</u>

Each bid shall be made on the BID PROPOSAL FORM (SECTION 00300), which is included in the Bid Documents and when submitted, shall be accompanied by a Bid Bond or Certified Cashier's Check in the amount of 10% of bid (made payable to the Contra Costa Community College District). The District reserves the right to forfeit Bid Bond submitted for failure of the successful bidder to secure Payment and Performance Bonds.

## **IMPORTANT INFORMATION:**

**PLEASE NOTE:** A Site Visit will be held immediately following the Pre-Bid meeting. Please sign in on the attendance Log. Please remember to obtain a Certification of Site Visit, signed by the District Representative, prior to leaving the site.

MANDATORY Pre-Bid Meeting and Job Walk:	August 3, 2023, at 10:00 AM College Complex Parking Lot C Los Medanos College (see map – Section 00016) 2700 E. Leland Road, Pittsburg, CA.
Last Date and Time for Bidder's	
Requests for Information:	Tuesday, August 8, 2023
Last Day to issue Addendum:	Tuesday, August 15, 2023
BIDS DUE no later than:	Tuesday, August 22, 2023, before 2:00 PM
Bids Must Be Received at:	CONTRA COSTA COMMUNITY COLLEGE DISTRICT (Lobby)
	500 Court St.
	Martinez, CA 94553
	Attn: Amy Sterry – Director of Purchasing and Contract
	Services (CCCCD)

Bids must be received by the District prior to the time and by the date noted above. Bids that are not received by the District prior to the time and by the date noted above will not be accepted, and will be returned to the Bidder, unopened. The District is not responsible for lost or misplaced proposals delivered by a 3rd party carrier.

The successful bidder will be required to furnish a labor and material bond in an amount equal to one hundred percent (100%) of the contract price and a faithful performance bond in an amount equal to one hundred percent (100%) of the contract price, said bonds to be secured from a surety company acceptable to the Contra Costa Community College District and authorized to execute such surety in the State of California. Certificates of Liability Insurance with proper endorsements shall be required for the successful bidder.

This project is a public works project and is subject to prevailing wage rate laws. A copy of the prevailing rates of wages is on file with the Contracts & Purchasing Office of the Contra Costa Community College District, available at the DIR website at <u>https://www.dir.ca.gov/oprl/pwappwage/PWAppWageStart.asp</u>. Said rates of wages shall be included in the contract for the work by this reference.

Attention is directed to Section 4100 through 4113 of the Public Contract Code concerning Subcontractors, with emphasis on Section 4104, known as the "Subletting and Subcontracting Fair Practices Act, effective July 1, 2014".

Attention is directed to Labor Code Section 1725.5 regarding Department of Industrial Relations (DIR) contractor registration process including registration criteria and implementation of DIR registration requirements. Labor Code Section 1771.7 establishes contractor's obligation to submit Certified Pay Roll (CPR) to the Department of Labor and Standards Enforcement (DLSE) and public works monitoring and enforcement. Labor Code Section 1773.3 requires the District to submit a PWC-100 to DIR for all public works contract awarded effective January 1, 2015.

Failure to submit all of the above may cause your bid to be non-responsive and disqualified for contract award.

The contract time is **151 Calendar Days** between the Notice to Proceed date and the Contract Substantial Completion date. Attention is directed to Section 00600, Construction Agreement, Article 5, regarding liquidated damages. Liquidated Damages shall be set for **One Thousand Dollars (\$1,000)** for each Calendar Day the Work is delayed beyond the contract Substantial Completion date; and **Five Hundred Dollars (\$500)** for each Calendar Day Remaining Work is delayed beyond the Contract Final Completion Date. The Governing Board of the Contra Costa Community College District reserves the right to reject any and all bids and/or waive any informality or irregularity in any bid received. No bidder may withdraw their Bid for a period of ninety (90) days after the date set for opening thereof.

## END OF SECTION 00100

Contra Costa Community College District Los Medanos College L-1209 LMC Campus Re-Key Project

## **SECTION 00200**

#### **INSTRUCTIONS TO BIDDERS**

## 1.1 ISSUING OF DOCUMENTS

Bidding Documents may be examined on the District's Open Solicitations web page, <u>https://webapps.4cd.edu/apps/purchasingviewbids/default.aspx</u> and at the Contra Costa Community College District, 500 Court Street, Martinez, CA 94553, by appointment only: Adrian Lopez, Facilities Department, phone (925) 229-6847.

## **1.2 QUALIFICATIONS OF BIDDERS**

- A. Bidders may be required to furnish evidence satisfactory to the District and the Architect that he has sufficient means and has had sufficient experience in the class of work called for to enable him to complete the Contract in a satisfactory manner.
- B. Bidders shall be Contractors properly licensed in accordance with the laws of the State of California.
- C. The successful Bidder shall furnish satisfactory Certificates of Insurance coverage as specified in the Contract Documents.

## 1.3 RECEIPT AND OPENING OF BIDS

- A. Contra Costa Community College District hereinafter referred to as the District, will receive Bids at the same time and place specified in the Notice inviting Bids.
- B. Complete the Bid Proposal Form included in the Project Manual.
- C. The envelopes containing the Bids shall be sealed, addressed to the District, and designated as *"L-1209 LMC Campus Re-Key Project, Los Medanos College"*. The envelope shall contain the name and address of the Bidder.
- D. Bids that are mailed shall have the previously described envelope placed inside an envelope addressed to: CONTRA COSTA COMMUNITY COLLEGE DISTRICT, 500 Court Street, Martinez, CA 94553, ATTENTION: Amy Sterry, Director of Purchasing and Contract Services. Bids should be mailed in time to be received prior to the time set forth in the Notice inviting Bids. The District is not responsible for lost or misplaced proposals delivered by a 3rd party carrier.
- E. Bids which are conditional (or which make alterations, omissions, or reservations to the terms of the Bidding Documents) may be rejected as non-responsive.
- F. All monetary figures are required, both in writing and in numerals. In event of conflict between written quotations and numerical quotations, written quotations shall govern.
- G. Type or print all bid data legibly in ink except signatures which shall be in script. Mistakes may be crossed out and corrections inserted, if each is initialed in ink by signer of Bid.
- H. Bidder's business address and signature shall be on the Bid. A Bid by a partnership shall furnish the full names of partners and be signed in the partnership name by one member of the partnership, or by authorized representative, followed by the signature and designation of the person signing. Bids by corporations, with corporate seal affixed, shall be signed with the legal name of the corporation followed by the name of the state of incorporation and by the signature and designation of the person signing shall also be typed or printed below the respective signatures. When required by the District,

satisfactory evidence of authority of the office signing on behalf of the corporation shall be furnished.

I. No Bids will be received after the date and time set forth in the Notice Inviting Bids.

# 1.4 BID SECURITY

- A. Submit with the Bid a Bid Security in the amount of 10 percent (10%) of the Bid.
- B. The District reserves the right to forfeit the Bid Bond submitted for failure of the successful bidder to secure Payment & Performance Bonds.

# 1.5 SURETY BONDS

A. The successful Bidder shall furnish a Labor and Material Payment Bond in the amount equal to one hundred percent (100%) of the Contract Price and a faithful Performance Bond in the amount equal to 100 percent (100%) of the Contract Price as security for the successful performance of the work and payment of persons performing labor and furnishing materials. The Bonds shall be executed by a surety company or companies acceptable to the District and authorized to execute such in the State in which the Project is located and shall be furnished within 10 days after Notice of Acceptance of said Bid. Surety shall be made in favor of the District and shall cover the guarantee periods as well as the construction period.

# 1.6 WITHDRAWAL OR REVISIONS OF BID

A. This Bid may be withdrawn or revised prior to the scheduled time for receipt. Bids not withdrawn prior to the scheduled time for receipt may not be withdrawn for a period of 90 days.

# 1.7 BID PROTESTS

- A. Inquiries or questions based on alleged patent ambiguity of the plans, specifications or estimate must be communicated as a bidder inquiry prior to bid opening. Any such inquiries or questions, submitted after bid opening, will not be treated as a bid protest.
- B. Bidder may file a protest with the District against the Bid of other Bidder or Bidders ("Bid Protest") subject to the provisions of this Article. The procedures and time limits set forth in this Article are mandatory and are a Bidder's sole and exclusive remedy in protesting other Bidders' bids. Failure to comply with these procedures shall constitute a waiver of any right to pursue a Bid Protest, or to contest the District's award of the contract for the work that is the subject of the Bid, in any legal proceeding before any authority with jurisdiction.
- C. Bid Protests and Responses shall be governed by the following time limitations:
  - 1. Bidder must deliver any Bid Protest to the District in writing before 2:00PM, three (3) working days after the date of bid opening. The District will reject any Bid Protest not received by the District by this deadline. Bidder must concurrently deliver a copy of its Bid Protest to all Bidders against whose Bids the Bid Protest is directed. The Bidder must include with its Bid Protest written proof to the District's satisfaction that Bidder has delivered a copy of its Bid Protest to the other Bidder whose bid is the subject of the Bid Protest.
  - A Bidder whose Bid is the subject of a Bid Protest must deliver its written response, if any, ("Response") to the District, before 2:00PM, five (5) working days after the date of bid opening. The District will reject any Response not received by the District by this deadline.

- D. Delivery of Bid Protest or Response:
  - 1. Bidder may deliver a Bid Protest to the District by personal delivery or electronic transmission such as by facsimile. Bidder is solely responsible for ensuring that the District receives any Bid Protest or Response by the deadlines set forth herein.
  - 2. The District will not consider Bid Protests or Responses by telephone conversation or any other non-written communication.
  - 3. Bidder shall submit any Bid Protest or Response to: Amy Sterry, Director of Purchasing and Contract Services, Contra Costa Community College District, 500 Court Street, Martinez, CA 94553, Facsimile: 925-370-7512.
- E. Content of Bid Protest:
  - 1. A Bid Protest must state the basis for the protest and provide supporting evidence.
  - 2. A Bid Protest must refer to the specific portion of the Bid that forms the basis of the protest.
  - 3. A Bid Protest must include the name, address, and telephone number of the person representing the protesting Bidder.
  - 4. A Bid Protest must be clearly identified as a Bid Protest.

## **1.8 AWARD AND REJECTION OF BIDS**

- A. In awarding or rejecting Bids, the District reserves the following rights:
  - 1. Identification of successful Bidder will not be determined at time of opening Bids.
  - 2. To obtain opinion of counsel on legality and sufficiency of bids.
  - 3. To reject all Bids, to re-bid, or waive irregularities or informalities in a Bid, and to accept or reject alternates.
  - 4. Request proof that the successful Bidder can provide performance and payment bonds as required.

## 1.9 EXAMINE DOCUMENTS AND VISIT SITE

- A. Before submitting a Bid, the Bidder shall examine the Bidding Documents, visit the site of the work, attend the required site visit arranged by the District and obtain Certification of Attendance signed by the District, ascertain existing conditions and limitations, including those of labor, and include in the Bid a sum to cover the cost of all items described in the Contract Documents.
- B. No consideration will be granted for alleged misunderstanding of the materials to be furnished or work to be done. The tender of a Bid carries with it the agreement to terms and conditions referred to in the Contract Documents.

# 1.10 DISCREPANCIES, AMBIGUITIES, OR CONFLICTS

A. If the Bidder is in doubt as to the true meaning of any part of the Contract Documents; finds discrepancies, errors or omissions therein; or finds variances in any of the Contract Documents with applicable rules, regulations, ordinances and/or laws, a written request for an interpretation or correction thereof must be submitted to the District's Contract Manager. Bidders are solely responsible for submitting to District's Contract Manager such request. Ambiguities or inconsistencies arising as a result of separation of sections or portions of the drawings or specifications by or for subcontractor bidding shall not relieve the Contractor for providing the

complete Work without increase to or adjustment in the Contract Price or the Time for performance. Interpretations or corrections of the Contract Documents will be by written addendum issued by the Architect. No person is authorized to render an oral interpretation or correction of any portion of the Contract Documents to any Bidder, and no Bidder is authorized to rely on any such oral interpretation or correction. Failure to request interpretation or clarification of any portion of the Contract Documents pursuant to the foregoing is a waiver of any discrepancy, defect or conflict therein.

# 1.11 ADDENDA

A. Cost for work included in any Addenda issued during the time of bidding shall be included in the Bid, and will become a part of the Contract. List Addenda received as indicated on the Bid Form.

## 1.12 FORM OF AGREEMENT

A. The form of agreement to be used for the Contract is provided by the District and is included in the Project Manual.

## 1.13 AWARD OF CONTRACT

- A. The District will be allowed a period of ninety (90) days after Bid Opening Date for evaluating the Bids.
- B. Bidders of record will be notified of the results of the District's evaluation of bids and Award of Contract, if any.
- C. The contractor shall begin work within ten (10) calendar days of receipt of Notice to Proceed.

## END OF SECTION 00200

## SECTION 00300 BID PROPOSAL FORM

PROJECT NUMBER / NAME:	L-1209 LMC Campus Re-Key Project
CAMPUS / LOCATION:	Los Medanos College, 2700 East Leland Rd., Pittsburg, CA 94565
DISTRICT:	CONTRA COSTA COMMUNITY COLLEGE DISTRICT 500 Court St, Martinez, CA 94553

## Herein Referred to as "District"

#### 1. INTRODUCTION

- **A.** The Bidder proposes to perform the Work for the Contract Sum and within the proposed Contract Time, based upon an examination of the site and the Bid and Contract Documents.
- **B.** The Bidder certifies this Bid is submitted in good faith.
- **C.** The Bidder agrees that the Contract Sum and other proposed terms will be considered in evaluating Bids and may be negotiated and adjusted before awarding of Contract.
- **D.** The signed copy of the Certification of the Visit to the Site shall be attached to the Bid Form Submittal.
- **E.** A fully executed Non-Collusion Affidavit signed by an authorized officer of the Bidder submitting Bid shall be attached to the Bid Form.
- F. The District shall award the contract to the lowest responsive and responsible Bidder. The evaluation of the low bid shall be based on the total of Item 2.A Base Bid.

# 2. CONTRACT SUM

#### A. BASE BID

For labor, materials, bonds, fixtures, equipment, tools, transportation, services, sales taxes, overhead and profit, and other costs necessary to complete the general construction in accordance with the Contract Documents, for a stipulated Contract Sum in the amount of:

\_\_\_\_\_Dollars (\$\_\_\_\_\_\_)

## 3. COMPLETION TIME

**A.** For establishing the Date of Final Completion, the contract time for the Base Bid shall be as indicated in Section 00600, Construction Agreement. This time may be subject to modification to facilitate the work, as mutually agreed upon at a later date.

Contra Costa Community College District Los Medanos College L-1209 LMC Campus Re-Key Project Section 00300 - Page 1 of 5 Bid Proposal Form **B.** The Bidder certifies that the Bid is based on the Contract Time for completion as stated in Section 00600, Construction Agreement. Bidder further certifies that the Base Bid amount is sufficient to cover all labor, materials, central office and construction site overhead, profit, and all other costs related to the completion of the Project for the entire Project construction time for both the General Contractor and all Subcontractors, as stated above in paragraphs 2 and 3.

## 4. ADDENDA

**A.** The Bidder acknowledges receipt of the following Addenda, and certifies the Bid has provided for all modifications and considerations required therein.

None [ ]	
Addendum No.:	dated
Addendum No.:	dated
Addendum No.:	dated

B. List of Additional Addenda Attached: Yes [ ] No. [ ].

# 5. DESIGNATION OF SUBCONTRACTORS

- **A.** The Bidder has set forth a complete list indicating the type of work, name, and business address of each Subcontractor who will perform work in excess of one-half of one percent of the Contract Sum.
- **B.** Any portion of the work in excess of the specified amount having no designated Subcontractor shall be performed by the Bidder.
- **C.** Substitution of listed Subcontractors will not be permitted unless approved in advance by the District.
- **D.** Prior to signing the Contract, the District reserves the right to reject any listed Subcontractor.

	Type of Work	Subcontractor's Name	<b>Business Address/Phone</b>	CSLB License # and DIR Registration #
1				
2				
2				
3				

Ε.	Complete list of Subcontractors is attached:	Yes [ ] No [ ]
F.	Continuation list of Subcontractors is attached:	Yes [ ] No [ ]

## 6. ACCEPTANCE AND AWARD

- **A.** The District reserves the right to reject this Bid and to negotiate changes before or after execution of the Contract. This Bid shall remain open and shall not be withdrawn for a period of 90 days after Bid Opening date.
- **B.** If written notice of acceptance of this Bid is mailed or delivered to the Bidder within 90 days after the date set for the receipt of this Bid, or other time before it is withdrawn, the Bidder will execute and deliver to the District a Contract prepared by District with the required Surety Bonds and Certificates of Insurance, within 10 days after personal delivery or deposit in the mail of the notification of acceptance.
- **C.** Notice of acceptance or request for additional information may be addressed to the Bidder at the address provided.

# 7. BID SECURITY

- A. The required 10 percent (10%) Bid Security for this Bid is attached in the form of:
  - () Bid Bond Issued By: \_\_\_\_\_
  - () Certified or Cashier's Check No.\_\_\_\_\_

Issued by	•		
issucu by	•		

8. BIDDER'S BUSINESS INFORMATION

Α.	Individual [ ]:	
	Personal Name:	
	Business Name:	
	Address:	
		Zip Code:
	Telephone:	
	Fax Number:	
В.	Partnership [ ]:	
	Co-partners' Name	25:
	Business Name:	
	Address:	
		Zip Code:
	Telephone:	
	Fax Number:	
C.	Corporation [ ]: _	
	Firm Name:	
	Address:	
		Zip Code:
	Telephone:	
	Fax Number:	
	State of Incorpo	ration:
	President:	
	Secretary:	

	Treasurer:			
	Manager:			
D.	Power of Attorney:	Name:		
		Title:		
Ε.	Contractor License N	<b>o.</b> State	of	
F.	-	his proposal on behalf of a Jo tion are given on a separate a		es, license numbers,
G.	Upon request, furnisl given.	h appropriate documentation	to substantiate an	d/or support the dat
that a	all the information sub	rtifies under penalty of perjur mitted by the Bidder in conno de are true and correct.	-	
that a repre Execu	all the information sub esentations herein mac uted this day of	mitted by the Bidder in conn de are true and correct.	ection with this Bid	and all the
that a repre Execu	all the information sub esentations herein mad	mitted by the Bidder in conn de are true and correct.	ection with this Bid	
that a repre Execu CSLB	all the information sub esentations herein mac uted this day of	mitted by the Bidder in conn de are true and correct.	ection with this Bid	and all the
that a repre Execu CSLB Firm I	all the information sub esentations herein mad uted this day of License No. Name	mitted by the Bidder in conn de are true and correct.	ection with this Bid	and all the
that a repre Execu CSLB Firm I Signa	all the information sub esentations herein mad uted this day of License No. Name	mitted by the Bidder in conn de are true and correct.	ection with this Bid	and all the
that a repre Execu CSLB Firm I Signa	all the information sub esentations herein mad uted this day of License No. Name ture	mitted by the Bidder in conn de are true and correct.	ection with this Bid	and all the

9.





#### **NONCOLLUSION AFFIDAVIT** (TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID)

State of California County of Contra Costa

\_\_\_\_\_, being first duly sworn, deposes and says that he or she is of \_\_\_\_\_\_, the party making the foregoing bid that the bid is not made

in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Date:	Signatu	re:		
State of California County of Contra Costa				
On	, before me,	, Notary Public , personally appeared		
satisfactory eviden that he/she/they e instrument the per	nce) to be the person(s) whose name(s) is/ executed the same in his/her/their authori rson(s), or the entity upon behalf of which	rsonally known to me (or proved to me on the basis of are subscribed to the within instrument and acknowledged to me zed capacity(ies), and that by his/her/their signature(s) on the the person(s) acted, executed the instrument.		
WITNESS my hand	and official seal.			
Date:	Signatu	re:		
[SEAL]	END OF S	ECTION 00350		
Contra Costa Com	munity College District	Section 00350 - Page 1 of 1		

Contra Costa Community College District Los Medanos College L-1209 LMC Campus Re-Key Project Section 00350 - Page 1 of 1 Non-Collusion Affidavit



SECTION 00450

# **CERTIFICATION OF SITE VISIT**

The Governing Board of the Contra Costa Community College District 500 Court Street Martinez, California 94553

Gentlemen/Ladies:

I visited the L-1209 LMC Campus Re-Key Project job site,

on \_\_\_\_\_ at \_\_\_\_AM PM (Circle One)

to inspect the proposed work, which would be turned over to me in its present condition, with a representative of the Contra Costa Community College District in order to acquaint myself with the proposed work so that I might fully understand the facilities, difficulties, and restrictions attending the execution of the work under the contract, and acknowledge I had the opportunity to check the Record Drawing as-built drawings and/or previous Contract Documents, site conditions and Bid Documents with the authorized representative of the District.

#### Owner Representative:

Project Manager / CM – CCCCD Facilities	Date	
or		
Manager – Buildings & Grounds	Date	
Bidder:		
Name of Firm or Company		
Authorized Signatory		
Address		
Phone Number	Fax Number	

NOTE: Any bidder who fails to return this CERTIFICATION, fully executed, including signature of company representative AND a Contra Costa Community College District representative, with the proposal form, may have their bid rejected as non-responsive.

## END OF SECTION 00450

# PAYMENT BOND (CALIFORNIA PUBLIC WORK)

# KNOW ALL MEN BY THESE PRESENTS:

THAT WHEREAS, the Contra Costa Community College District (sometimes referred to hereinafter as "Obligee") has awarded to \_\_\_\_\_\_\_\_ (hereinafter designated as the "Principal" or "Contractor"), an agreement for the work described as follows: (hereinafter referred to as the "Public Work"); and

WHEREAS, said Contractor is required to furnish a bond in connection with said Contract, and pursuant to California Civil Code Section 9550;

NOW, THEREFORE, We, \_\_\_\_\_\_, the undersigned Contractor, as Principal; and \_\_\_\_\_\_, a corporation organized and existing under the laws of the State of \_\_\_\_\_\_, and duly authorized to transact business under the laws of the State of California, as Surety, are held and firmly bound unto the Contra Costa Community College District and to any and all persons, companies, or corporations entitled by law to file stop notices under California Civil Code Section 9100, or any person, company, or corporation entitled to make a claim on this bond, in the sum of \_\_\_\_\_\_ Dollars (\$\_\_\_\_\_\_), said sum being not less than one hundred percent (100%) of the total amount payable by said Obligee under the terms of said Contract, for which payment will and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if said Principal, its heirs, executors, administrators, successors, or assigns, or subcontractor, shall fail to pay any person or persons named in Civil Code Section 9100; or fail to pay for any materials, provisions, or other supplies, used in, upon, for, or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Code, with respect to work or labor thereon of any kind; or shall fail to deduct, withhold, and pay over to the Employment Development Department, any amounts required to be deducted, withheld, and paid over by Unemployment Insurance Code Section 13020 with respect to work and labor thereon of any kind, then said Surety will pay for the same, in an amount not exceeding the amount herein above set forth, and in the event suit is brought upon this bond, also will pay such reasonable attorneys' fees as shall be fixed by the court, awarded and taxed as provided in California Civil Code Sections 9550 et seq.

This bond shall inure to the benefit of any person named in Civil Code Section 9100 giving such person or his/her assigns a right of action in any suit brought upon this bond.

It is further stipulated and agreed that the Surety of this bond shall not be exonerated or released from the obligation of the bond by any change, extension of time for performance, addition, alteration or modification in, to, or of any contract, plans, or specifications, or agreement pertaining or relating to any scheme or work of improvement herein above described; or pertaining or relating

to the furnishing of labor, materials, or equipment therefor; nor by any change or modification of any terms of payment or extension of time for payment pertaining or relating to any scheme or work of improvement herein above described; nor by any rescission or attempted rescission of the contract, agreement or bond; nor by any conditions precedent or subsequent in the bond attempting to limit the right of recovery of claimants otherwise entitled to recover under any such contract or agreement or under the bond; nor by any fraud practiced by any person other than the claimant seeking to recover on the bond; and that this bond be construed most strongly against the Surety and in favor of all persons for whose benefit such bond is given; and under no circumstances shall the Surety be released from liability to those for whose benefit such bond has been given, by reason of any breach of contract between the Obligee and the Contractor or on the part of any obligee named in such bond; that the sole condition of recovery shall be that the claimant is a person described in California Civil Code Sections 9100, and who has not been paid the full amount of his or her claim; and that the Surety does hereby waive notice of any such change, extension of time, addition, alteration or modification herein mentioned.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this \_\_\_\_\_ day of \_\_\_\_\_.

PRINCIPAL/CONTRACTOR:

By: \_\_\_\_\_

SURETY:

By: \_\_\_\_\_

Attorney-in-Fact

# IMPORTANT: THIS IS A REQUIRED FORM.

Surety companies executing bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write surety insurance defined in California Insurance Code Section 105, and if the work or project is financed, in whole or in part, with federal, grant or loan funds, Surety's name must also appear on the Treasury Department's most current list (Circular 570 as amended).

Any claims under this bond may be addressed to:

(Name and Address of Surety)	(Name and Address of agent or representative for service for service of process in California)
Telephone:	Telephone:
STATE OF CALIFORNIA	)
COUNTY OF	) ss. )
On	before me,, (insert name and title of the officer)
subscribed to the within instrum (Surety) and acknowledged t	te, personally appeared, satisfactory evidence to be the person(s) whose name(s) is/are ent as the Attorney-in-Fact of the o me that he/she/they subscribed the name of the ) thereto and his own name as Attorney-in-Fact on the executed
I certify under PENALTY OF F foregoing paragraph is true and co	ERJURY under the laws of the State of California that the rrect.
WITNESS my hand and official se	eal.
Notary Public in and for said Sta	(SEAL)
Commission expires:	

NOTE: A copy of the power-of-attorney to local representatives of the bonding company must be attached hereto.

# CONTRACT PERFORMANCE BOND (CALIFORNIA PUBLIC WORK)

## KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the work to be performed by the Contractor is more particularly set forth in that certain contract for said Public Work dated \_\_\_\_\_\_, (hereinafter referred to as the "Contract"), which Contract is incorporated herein by this reference; and

WHEREAS, the Contractor is required by said Contract to perform the terms thereof and to provide a bond both for the performance and guaranty thereof.

	NOW,	THER	EFORE,	we,					,	the
unders	igned C	ontractor,	as Princi	pal, and				, a	corpora	ation
organi	zed and	existing u	under the l	laws of the S	tate of		, and	duly a	uthorize	ed to
transac	t busine	ess under	the laws of	of the State of	of California,	as Surety,	are held	d and f	irmly bo	ound
unto	the	Contra	Costa	Communit	y College	District	in	the	sum	of
					Dollars (\$		), :	said su	m being	g not
less that	an one h	undred pe	ercent (10	0%) of the tot	al amount pa	yable by sa	id Oblig	gee uno	der the te	erms
of said	l Contra	act, for w	hich amo	unt well and	truly to be	made, we	bind ou	urselve	s, our h	eirs,
execut	ors, adn	ninistrator	s, success	ors, and assig	gns, jointly a	nd severally	, firmly	v by the	ese prese	ents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if the bounded Contractor, his or her heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions, and agreements in said Contract and any alteration thereof made as therein provided, on his or her part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their intent and meaning; and shall faithfully fulfill guarantees of all materials and workmanship; and indemnify, defend and save harmless the Obligee, its officers and agents, as stipulated in said Contract, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

The Surety, for value received, hereby stipulates and agrees that it shall not be exonerated or released from the obligation of this bond (either by total exoneration or pro tanto) by any change, extension of time, alteration in or addition to the terms of the contract or to the work to be performed there under or the specifications accompanying the same, nor by any change or modification to any terms of payment or extension of time for any payment pertaining or relating to any scheme of work of improvement under the contract. Surety also stipulates and agrees that it shall not be exonerated or released from the obligation of this bond (either by total exoneration or pro tanto) by any overpayment or underpayment by the Obligee that is based upon estimates approved by the Architect. The Surety stipulates and agrees that none of the aforementioned changes, modifications, alterations, additions, extension of time or actions shall in any way affect its obligation on this bond, and it does hereby waive notice of any such changes, modifications, alterations, additions or extension of time to the terms of the contract, or to the work, or the specifications as well notice of any other actions that result in the foregoing.

Whenever Principal shall be, and is declared by the Obligee to be, in default under the Contract, the Surety shall promptly either remedy the default, or shall promptly complete the Contract through its agents or independent contractors, subject to acceptance and approval of such agents or independent contractors by Obligee as hereinafter set forth, in accordance with its terms and conditions and to pay and perform all obligations of Principal under the Contract, including, without limitation, all obligations with respect to warranties, guarantees and the payment of liquidated damages; or, at Obligee's sole discretion and election, Surety shall obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon determination by Obligee of the lowest responsible bidder, arrange for a contract between such bidder and the Obligee and make available as Work progresses (even though there should be a default or succession of defaults under the contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the "balance of the Contract price" (as hereinafter defined), and to pay and perform all obligations of Principal under the Contract, including, without limitation, all obligations with respect to warranties, guarantees and the payment of liquidated damages. The term "balance of the Contract price," as used in this paragraph, shall mean the total amount payable to Principal by the Obligee under the Contract and any modifications thereto, less the amount previously paid by the Obligee to the Principal, less any withholdings by the Obligee allowed under the Contract.

Surety expressly agrees that the Obligee may reject any agent or contractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Principal. Unless otherwise agreed by Obligee, in its sole discretion, Surety shall not utilize Principal in completing the Contract nor shall Surety accept a bid from Principal for completion of the work in the event of default by the Principal.

No final settlement between the Obligee and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

The Contractor and Surety shall remain responsible and liable for all patent and latent defects that arise out of or are related to the Contractor's failure and/or inability to properly complete the Public Work as required by the Contract and the Contract Documents. The obligation of the Surety hereunder shall continue so long as any obligation of the Contractor remains.

Contractor and Surety agree that if the Obligee is required to engage the services of an attorney in connection with enforcement of the bond, Contractor and Surety shall pay Obligee's reasonable attorneys' fees incurred, with or without suit, in addition to the above sum.

In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including reasonable attorneys' fees to be fixed by the Court.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this			
, 20			
	PRINCIPAL/CONTRACTOR:		

By: \_\_\_\_\_

SURETY:

By: \_\_\_\_\_

Attorney-in-Fact

The rate of premium on this bond is \_\_\_\_\_\_ per thousand.

The total amount of premium charged: \$\_\_\_\_\_ (This must be filled in by a corporate surety).

# IMPORTANT: THIS IS A REQUIRED FORM.

Surety companies executing bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write surety insurance defined in California Insurance Code Section 105, and if the work or project is financed, in whole or in part, with federal, grant or loan funds, Surety's name must also appear on the Treasury Department's most current list (Circular 570 as amended).

Any claims under this bond may be addressed to:

(Name and Address of Surety)		ress of agent or representative rvice of process in California)
Telephone:	Telephone:	
STATE OF CALIFORNIA	) ) ss.	
COUNTY OF	)	
On	before me, (insert r	name and title of the officer)
On	, before me,	, a Notary
	atisfactory evidence to be the presence of the presence of the state o	person(s) whose name(s) is/are the
instrument.		

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public in and for said State

(SEAL)

Commission expires:\_\_\_\_\_

NOTE: A copy of the power-of-attorney to local representatives of the bonding company must be attached hereto.

## SECTION 00510

## NOTICE OF AWARD

DATE:	
то:	_
ADDRESS:	
PROJECT:	
The Contract Sum of your contract is(\$).	Dollars,

You must comply with the following conditions within **ten (10)** calendar days of the date of this Notice of Award, that is, by \_\_\_\_\_\_.

- 1. You must deliver to the District two fully executed counterparts of Section 00600, "Construction Agreement."
- 2. You must deliver to the District the "Contract Performance Bond," and "Payment Bond," executed by you and your surety, which are included in Section 00500.
- 3. You must deliver to District the insurance certificates required in Section 00800, for insurance required in Section 00600, Construction Agreement.

Failure to comply with these conditions within the time specified will entitle District to consider your bid abandoned, to annul this Notice of Award, and to declare your Bid Security forfeited. Within **ten (10)** calendar days after you comply with these conditions, the District will return to you one fully signed counterpart of the Construction Agreement.

Contra Costa Community College District

By: \_\_\_\_\_

Title: \_\_\_\_\_\_

# END OF DOCUMENT

## **SECTION 00600**

#### **CONSTRUCTION AGREEMENT**

## CONTRACT NO.

(Construction Agreement)

This Agreement shall not be enforceable until ratified and approved by the Contra Costa Community College District's Governing Board. The estimated board meeting date is **September 13, 2023.** 

(§1.1) Parties: (Public Agency) <u>CONTRA COSTA COMMUNITY COLLEGE DISTRICT</u> 500 Court St, Martinez, CA 94553

Contractor \_\_\_\_\_\_Address: \_\_\_\_\_

(§1.2) Effective Date: <u>See Article 1.4, below.</u>

(§1.3) The Work: L-1209 LMC Campus Re-Key Project, Los Medanos College

(§1.4) Completion Time: **151 Calendar Days** from the Notice to Proceed to Substantial Completion, and **30 Calendar Days** from Substantial Completion to Final Completion (Remaining Work).

(§1.5.1) Liquidated Damages, Substantial Completion: **\$1000** per Calendar Day beyond the Contract Substantial Completion Date.

(§1.5.2) Liquidated Damages, Remaining Work/Final Completion: **\$500** per calendar day Remaining Work is delayed beyond the Contract Final Completion Date.

(§1.6) Public Agency's Agent: CONTRA COSTA COMMUNITY COLLEGE DISTRICT ("District")

## (§1.7) Contract Sum: xxx THOUSAND DOLLARS and xx CENTS (\$000,000.00)

## 2. SCOPE OF WORK:

In general, the Work consists of the following, but not limited to: Updating the door and gate locking hardware on the entire campus to accept Corbin Russwin Large Format Interchangeable Cores while meeting ADA and Fire Code requirements. It also includes the procurement of factory keyed Medeco/Keymark X4 Corbin Russwin Large Format Interchangeable Cores and Intelligent Key Cabinet. See Section 00010, Table of Contents, for a list of all the Contract Documents (specifications and drawings) included in this the scope of work, including addendums issued and referenced in the Contractor's bid form (Section 00300).

## 3. WORK CONTRACT, CHANGES

- (a) By their signatures below, effective on the above date, these parties promise and agree as set forth in this Agreement, incorporating by these references labor and materials contained in Section 2, Scope of Work.
- (b) Contractor shall, at Contractor's own cost and expense, and in a workmanlike manner, fully and faithfully perform and complete the work; and will furnish all materials, labor, services, equipment, and transportation necessary, convenient and proper in order fairly to perform the requirements of this contract, all strictly in accordance with the Public Agency's- drawings and specifications.
- (c) The work can be changed only with Public Agency's prior written order specifying such change and its cost agreed to by the parties; and the Public Agency shall never have to pay more than specified in Section 1.7 without such an order.

# 4. TIME: NOTICE TO PROCEED AND ACCEPTANCE

- (a) Contractor shall start this work as directed in the specifications or the Notice to Proceed and shall complete it as specified in Section 1, Completion Time.
- (b) Remaining Work after Substantial Completion. If the Architect or District determines that the work required by the Contract is Substantially Complete during any inspection conducted pursuant to this Agreement or **Specification Section 00800**, **SUPPLEMENTARY GENERAL CONDITIONS**, the Contractor shall be notified of that determination and the District shall determine if there is Remaining Work. A list of Remaining Work shall be issued only by the District or the Architect and only after the District has certified Substantial Completion. The District or Architect shall give the Contractor the necessary instructions for correction or completion of the Remaining Work, and the Contractor shall immediately comply with and execute such instructions within the Contract Time. Upon completion of the Remaining Work, another inspection shall be made that shall constitute the Final Inspection, provided the Remaining Work has been completed to the satisfaction of the District. If the remaining work has been completed to the satisfaction are of the date of Final Inspection.
- (c) Final Acceptance Upon due notice from the Contractor of completion of the entire project, the District shall make an inspection. If all construction provided for and contemplated by the contract is found to be completed to the District's satisfaction, then that inspection shall constitute the Final Inspection and the District shall notify the Contractor in writing of final acceptance effective as of the date of the Final Inspection.
- (d) Default for failure to Complete Remaining Work In the event the Contract Time expires before the Remaining Work is completed to the satisfaction of the District, the District may provide notice to the Contractor that the Remaining Work shall be completed by Contractor to the satisfaction of the District within ten consecutive calendar days from the date of such notice. The failure of the Contractor to satisfactorily complete the Remaining Work within the ten days shall entitle to District to declare Contractor in default and thereafter terminate the Contract. The tenday notice provided under this paragraph shall not be construed as adding any time to the Contract Time and is a time period solely for the purposes of providing notice of default.
- (e) Application for Final Payment. After the Contractor has completed all Remaining Work to the satisfaction of the District and delivered all maintenance and operating instructions, schedules, guarantees, warranties, bonds, certificates of inspection, marked-up record documents and other documents as required by the Contract, and after the District or Architect has indicated that the

work is acceptable, Contractor may make application for final payment following the Payments Procedures for progress payments. The final application for payment shall be accompanied by all documentation called for in the Contract Documents, together with complete and legally effective releases or waivers (satisfactory to the District) of all liens arising out of or filed in connection with the work on the project.

(f) Final Payment and Acceptance. If the Architect determines that the work has been completed and the Contractor's other obligations under the Contract have been fulfilled, the Architect shall, within ten working days after receipt of the final application for payment, indicate in writing the Architect's recommendation of payment and present the application to District for payment. Thereupon the Architect shall prepare a Certificate of Final Completion. Otherwise, Architect shall return the application to Contractor indicating in writing the reasons for refusing to recommend final payment. Contractor shall make the corrections identified in the Architect's refusal to recommend final payment. Thirty days after presentation to District of the application and accompanying documentation, with the Architect's recommendation and notice of acceptability of the work, the amount recommended by Architect shall be come due and payable by District to Contractor.

## 5. LIQUIDATED DAMAGES

## **5.1 LIQUIDATED DAMAGES - SUBSTANTIAL COMPLETION**

If the Contractor fails to complete this contract and this Work within the time fixed therefore, allowance being made for contingencies as provided herein, Contractor becomes liable to the Public Agency for all its loss and damage there from; and because, from the nature of the case, it is and will be impracticable and extremely difficult to ascertain and fix the Public Agency's actual damage from any delay in performance hereof, it is agreed that Contractor will pay as liquidated damages to the Public Agency the reasonable sum specified in Section 1, the result of the parties' reasonable endeavor to estimate fair average compensation therefore, for each calendar day's delay in finishing said Work; and if the same be not paid, Public Agency may, in addition to its other remedies, deduct the same from any money due or to become due Contractor under this Contract. If the Public Agency for any cause authorizes or contributes to a delay, suspension of work or extension of time, its duration shall be added to the time allowed for completion, but it shall not be deemed a waiver nor be used to defeat any right of the Agency to damages for non-completion or delay hereunder. Pursuant to Government Code Section 4215, the Contractor shall not be assessed liquidated damages for delay in completion of the work, when such delay was caused by the failure of the Public Agency or the owner of a utility to provide for removal or relocation of existing utility facilities.

## **5.2 LIQUIDATED DAMAGES-THE REMAINING WORK**

The Remaining Work, as such work is determined by the Public Agency or Public Agency's Representative, shall be completed within the Contract Time or any proper extension thereof granted by Public Agency. If the Contractor shall neglect, fail or refuse to complete the Remaining Work within the Contract Time or any proper extension thereof granted by the Public Agency, then the Contractor does hereby agree, as part consideration for the awarding of this Contract, to pay to the Public Agency the amount specified in the Contract, not as a penalty but as liquidated damages for the Remaining Work for each such breach of Contract set forth herein for each and every consecutive calendar day that the Contractor shall be in default after expiration of the Contract Time.

## 6. INTEGRATED DOCUMENTS

The drawings and specifications and special provisions of the Public Agency's <u>Notice Inviting Bids</u>, and Contractor's <u>accepted bid</u> for this work are hereby incorporated into this Contract; and they are intended to cooperate, so that anything exhibited in the drawings and not mentioned in the specifications or special provisions, or vice versa, is to be executed as if exhibited, mentioned and set forth in both, to the true intent and meaning thereof when taken all together; and differences of opinion concerning these shall be finally determined by the Public Agency.

# 7. <u>PAYMENT</u>

- (a) For strict and literal fulfillment of these promises and conditions, and full compensation for all this work, the Public Agency shall pay the Contractor the sum specified in Section 1, except that in unit price contracts the payment shall be for finished quantities at unit bid prices.
- (b) On or about the first day of each calendar month, the Contractor shall submit to the Public Agency a verified application for payment, supported by a statement showing all materials actually installed during the preceding month, the labor expended thereon, and the cost thereof; whereupon, after checking, the Public Agency shall issue to Contractor a certificate for the amount determined to be due, minus five (5%) percent thereof pursuant to the Public Agency's General Terms and Conditions, but not until defective work and materials have been removed, replaced and made good.

## 8. PAYMENTS WITHHELD

- (a) The Public Agency or its agent may withhold any payment, or because of later discovered evidence nullify all or any certificate for payment, to such extent and period of time only as may be necessary to protect the Public Agency from loss because of:
  - (1) Defective work not remedied, or work not completed, or
  - (2) Claims filed or reasonable evidence indicating probable filing, or
  - (3) Failure to properly pay subcontractors or for material or labor, or
  - (4) Reasonable doubt that the work can be completed for the balance then unpaid, or
  - (5) Damage to another contractor, or
  - (6) Damage to the Public Agency, other than damage due to delays.
- (b) The Public Agency shall use reasonable diligence to discover and report to the Contractor, as the work progresses, the materials and labor which are not satisfactory to it, so as to avoid unnecessary trouble or cost to the Contractor in making good any defective work or parts.
- (c) Thirty-five (35) calendar days after Public Agency files its notice of completion of the entire work, it shall issue a certificate to the Contractor and pay the balance of the contract sum after deducting all amounts withheld under this contract, provided the Contractor shows that all claims for labor and materials have been paid, no claims have been presented to the Public Agency based on acts or omissions of the Contractor, and no liens or withhold notices have been filed against the work or site, and provided there are not reasonable indications of defective or missing work or of late-recorded notices of liens or claims against Contractor.

## 9. INSURANCE

**Contractor's Liability Insurance:** Before the commencement of the Work, the Contractor shall purchase from and maintain in a company or companies lawfully authorized to do business in California as admitted carriers with a financial rating of at least A status as rated in the most recent edition of Best's Insurance Reports or as amended by the Supplementary General Conditions, if any, such insurance as will protect the Public Agency from claims set forth below, which may arise out of or result from the Contractor's operations under the Contract and for which the Contractor may be legally liable, whether such operations are by the Contractor, by a Subcontractor, by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable.

- (a) Claims for damages because of bodily injury, sickness, disease, or death of any person District would require indemnification and coverage for employee claim;
- (b) Claims for damages insured by usual personal injury liability coverage, which are sustained by a person as a result of an offense directly or indirectly related to employment of such person by the Contractor or by another person;
- (c) Claims for damages because of injury or destruction of tangible property, including loss of use resulting therefrom, arising from operations under the Contract Documents;
- (d) Claims for damages because of bodily injury, death of a person, or property damage arising out of the ownership, maintenance, or use of a motor vehicle, all mobile equipment, and vehicles moving under their own power and engaged in the Work;
- (e) Claims involving contractual liability applicable to the Contractor's obligations under the Contract Documents, including liability assumed by and the indemnity and defense obligations of the Contractor and the Subcontractors; and
- (f) Claims involving Completed Operations, Independent Contractors' coverage, and Broad Form property damage, without any exclusions for collapse, explosion, demolition, underground coverage, and excavating. (XCU)
- (g) Claims involving sudden or accidental discharge of contaminants or pollutants.

**Subcontractor Insurance Requirements:** The Contractor shall require its Subcontractors to take out and maintain similar public liability insurance and property damage insurance as required under the above paragraph, titled "Contractor's Liability Insurance, in amounts commensurate with the value of the subcontract. A "claims made" or modified "occurrence" policy shall not satisfy the requirements of the above paragraph, titled "Contractor's Liability Insurance, without prior written approval of the District.

Additional Insured Endorsement Requirement: The Contractor shall name, on any policy of insurance, the District, Architect, Inspector, the State of California, their officers, employees, agents and independent contractors as Additional Insured. Subcontractors shall name the Contractor, the District, Architect, Inspector, the State of California, their officers, employees, agents and independent contractors as Additional Insured.

The Additional Insured Endorsement included on all such insurance policies shall state that coverage is afforded the additional insured with respect to claims arising out of operations performed by or on behalf of the insured. If the Additional Insured have other insurance which is applicable to the loss, such other insurance shall be on an excess or contingent basis. The insurance provided by the Contractor

must be designated in the policy as primary to any insurance obtained by the Public Agency. The amount of the insurer's liability shall not be reduced by the existence of such other insurance.

**Workers' Compensation Insurance:** During the term of this Contract, the Contractor shall provide workers' compensation insurance for all of the Contractor's employees engaged in Work under this Contract on or at the Site of the Project and, in case any of the Contractor's Work is subcontracted, the Contractor shall require the Subcontractor to provide workers' compensation insurance for all the Subcontractor's employees engaged in Work under the subcontract. Any class of employee or employees not covered by a Subcontractor's insurance shall be covered by the Contractor's insurance. In case any class of employees engaged in Work under this Contract on or at the Site of the Project is not protected under the Workers' Compensation laws, the Contractor shall provide or cause a Subcontractor to provide adequate insurance coverage for the protection of those employees not otherwise protected. The Contractor shall file with the District certificates of insurance as required under Section 00700, Article 11.6, and in compliance with Labor Code § 3700.

**Specific Insurance Requirement:** Contractor shall take out and maintain and shall require all subcontractors, if any, whether primary or secondary, to take out and maintain:

- (a) Workers' Compensation Insurance: \$1,000,000.00; Contractor is aware of and complies with Labor Code Section 3700 and the Worker's Compensation Law.
- (b) Comprehensive General Liability Insurance with a combined single limit per occurrence of not less than \$1,000,000.00 and \$2,000,000.00 project specific aggregate, or Commercial General Liability Insurance (including automobile insurance) which provides limits of not less than:

(1)	Per occurrence (combined single limit)	\$1,000,000.00
(2)	Project Specific Aggregate (for this project only)	\$2,000,000.00
(3)	Products and Completed Operations	\$1,000,000.00

(c) Insurance Covering Special Hazards

The following Special hazards shall be covered by riders or riders to above mentioned public liability insurance or property damage insurance policy or policies of insurance, in amounts as follows:

(1)	Automotive and truck where operated in amounts	\$1,000,000.00
(2)	Material Hoist where used in amounts	\$1,000,000.00
(3)	Explosion, Collapse and Underground	\$1,000,000.00
	(XCU coverage)	

(d) In addition, provide Excess Liability Insurance coverage in the amount of Two Million Dollars (\$2,000,000.00).

**Builder's Risk/ "All Risk" Insurance**/Course-of-Construction Insurance Requirements: The Contractor, during the progress of the Work and until final acceptance of the Work by District upon completion of the entire Contract, shall maintain Builder's Risk, Course of Construction or similar first party property coverage issued on a replacement cost value basis consistent with the total replacement cost of all insurable Work and the Project included within the Contract Documents. Coverage is to insure against all risks of accidental direct physical loss, and must include, by the basic grant of coverage or by endorsement, the perils of vandalism, malicious mischief (both without any limitation regarding vacancy or occupancy), fire, sprinkler leakage, civil authority, sonic boom, earthquake, flood, collapse, wind,

lightning, smoke and riot. The coverage must include debris removal, demolition, increased costs due to enforcement of building ordinance and law in the repair and replacement of damage and undamaged portions of the property, and reasonable costs for the Architect's and engineering services and expenses required as a result of any insured loss upon the Work and Project which is the subject of the Contract Documents, including completed Work and Work in progress, to the full insurable value thereof. Such insurance shall include the District and the Architect as additional named insureds, and any other person with an insurable interest as designated by the District.

The Contractor shall submit to the District for its approval all items deemed to be uninsurable. The risk of the damage to the Work due to the perils covered by the "Builder's Risk/All Risk" Insurance, as well as any other hazard which might result in damage to the Work, is that of the Contractor and the surety, and no claims for such loss or damage shall be recognized by the District nor will such loss or damage excuse the complete and satisfactory performance of the Contract by the Contractor.

## 10. <u>BONDS</u>

**Bond Requirements:** Prior to commencing any portion of the Work, the Contractor shall furnish separate payment and performance bonds for its portion of the Work which shall cover 100% faithful performance of and payment of all obligations arising under the Contract Documents and/or guaranteeing the payment in full of all claims for labor performed and materials supplied for the Work. All bonds shall be provided by a corporate surety authorized and admitted to transact business in California as sureties.

To the extent, if any, that the Contract Sum is increased in accordance with the Contract Documents, the Contractor shall, upon request of the Public Agency, cause the amount of the bonds to be increased accordingly and shall promptly deliver satisfactory evidence of such increase to the Public Agency. To the extent available, the bonds shall further provide that no change or alteration of the Contract Documents (including, without limitation, an increase in the Contract Sum, as referred to above), extensions of time, or modifications of the time, terms, or conditions of payment to the Contractor will release the surety. If the Contractor fails to furnish the required bonds, the Public Agency may terminate the Contract for cause.

On signing this contract, Contractor shall deliver to Public Agency for approval good and sufficient bonds with sureties, in amount(s), specified in the specifications or special provisions, guaranteeing faithful performance of this contract and payment for all labor and materials hereunder.

Surety Qualifications: Only bonds executed by admitted Surety insurers as defined in Code of Civil Procedure § 995.120 shall be accepted. Surety must be a California-admitted surety and listed by the U.S. Treasury with a bonding capacity in excess of the Project cost.

Alternate Surety Qualifications: If a California-admitted surety insurer issuing bonds does not meet these requirements, the insurer will be considered qualified if it is in conformance with § 995.660 of the California Code of Civil Procedure and proof of such is provided to the District.

## 11. FAILURE TO PERFORM

If the Contractor at any time refuses or neglects, without fault of the Public Agency or its agent(s), to supply sufficient materials or workers to complete this agreement and work as provided herein, for a

period of ten days or more after written notice thereof by the Public Agency, the Public Agency may furnish same and deduct the reasonable expenses thereof from the contract price.

# 12. LAWS APPLY: General

Both parties recognize the applicability of various federal, state and local laws and regulations, especially Chapter 1 of Part 7 of the California Labor Code (beginning with Section 1720, and including Sections 1735, 1777.5, 1777.6, forbidding discrimination) and intend that this agreement complies therewith. The parties specifically stipulate that the relevant penalties and forfeitures provided in the Labor Code, especially in Sections 1775, 1776, and 1813, concerning prevailing wages and hours, shall apply to this agreement as though fully stipulated herein.

## 13. SUBCONTRACTORS

Public Contract Code Sections 4100-4113 are incorporated herein.

# 14. WAGE RATES

- (a) Pursuant to Labor Code Section 1773, the Director of the Department of Industrial Relations has ascertained the general prevailing rates of wages per diem, and for holiday and overtime work, in the locality in which this work is to be performed, for each craft, specified in the call for bids for this work and are on file with the Public Agency, and are hereby incorporated herein.
- (b) This schedule of wages is based on a working day of eight (8) hours unless otherwise specified; and the daily rate is the hourly rate multiplied by the number of hours constituting the working day. When less than that number of hours are worked, the daily wage rage is proportionately reduced, but the hourly rate remains as stated.
- (c) The Contractor, and all subcontractors, must pay at least these rates to all persons on this work, including all travel, subsistence, and fringe benefit payments provided for by applicable collective bargaining agreements. All skilled labor not listed above must be paid at least the wage scale established by collective bargaining agreement for such labor in the locality where such work is being performed. If it becomes necessary for the Contractor or any subcontractor to employ any person in a craft, classification or type of work (except executive, supervisory, administrative, clerical or other non-manual workers as such) for which no minimum wage rate is specified, the contractor shall immediately notify the Public Agency which shall promptly determine the prevailing wage rate therefore and furnish the Contractor with the minimum rate based thereon, which shall apply from the time of the initial employment of the person affected and during the continuance of such employment.

## 15. HOURS OF LABOR

Eight hours of labor in one calendar day constitutes a legal day's work, and no worker employed at any time on this work by the Contractor or by any subcontractor shall be required or permitted to work longer thereon except as provided in Labor Code Sections 1810-1815.

## 16. APPRENTICES

Properly indentured apprentices may be employed on this work in accordance with Labor Code Sections 1777.5 and 1777.6, forbidding discrimination.

#### 17. PREFERENCE FOR MATERIALS

The Public Agency desires to promote the industries and economy of Contra Costa County, and the Contractor therefore promises to use the products, workers, laborers and mechanics of this County in every case where the price, fitness and quality are at least equal.

#### 18. ASSIGNMENT

This agreement binds the heirs, successors, assigns, and representatives of the Contractor; but Contractor cannot assign it in whole or in part, nor any monies due or to become due under it, without the prior written consent of the Public Agency and the Contractor's surety or sureties, unless they have waived notice of assignment.

#### 19. NO WAIVER BY PUBLIC AGENCY

Inspection of the work and/or materials, or approval of work and/or materials inspected, or statement by any officer, agent or employee of the Public Agency indicating the work or any part thereof complies with the requirements of this contract, or acceptance of the whole or any part of said work and/or materials, or payments therefore, or any combination of these acts, shall not relieve the Contractor of Contractor's obligation to fulfill this contract as prescribed; nor shall the Public Agency be thereby stopped from bringing any action for damages or enforcement arising from the failure to comply with any of the terms and conditions hereof.

## 20. HOLD HARMLESS AND INDEMNITY

- (a) Contractor promises to and shall hold harmless and indemnify from the liabilities as defined in this section.
- (b) The <u>indemnities</u> benefited and protected by this promise are the Public Agency and its elective and appointive boards, commissions, officers, agents and employees.
- (c) The <u>liabilities</u> protected against are any liability or claim for damage of any kind allegedly suffered, incurred or threatened because of actions defined below, including personal injury, death, property damage, inverse condemnation, or any combination of these, regardless of whether or not such liability, claim or damage was unforeseeable at any time before the Public Agency approved the improvement plan or accepted the improvements as completed, and including the defense of any suit(s) or action(s) at law or equity concerning these.
- (d) The <u>actions</u> causing liability are any act or omission (negligent or non-negligent) in connection with the matters covered by this contract and attributable to the contractor, subcontractor(s), or any officer(s), agent(s), or employee(s) of one or more of them.
- (e) <u>Non-conditions</u>: The promise and agreement in this section is not conditioned or dependent on whether or not any Indemnities has prepared, supplied, or approved any plan(s), drawing(s),

specifications(s) or special provision(s) in connection with this work, has insurance or other indemnification covering any of these matters, or that the alleged damage resulted partly from any negligent or willful misconduct of any Indemnities.

## 21. EXCAVATION

Contractor shall comply with the provisions of Labor Code Section 6705, if applicable, by submitting to Public Agency a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during trench excavation.

## 22. GOVERNMENT CODE SECTION 10532

Contractor shall be subject to the examination and audit of the Auditor General for a period of three years after final payment under the contract.

## 23<u>. WARRANTY</u>

- (a) In addition to any other warranties or guaranties in the Contract Documents, the Contractor warrants, except as provided in paragraph (i) of this clause, that work performed under this contract conforms to the contract requirements and is free of any defect in equipment, material, or design furnished, or workmanship performed by the Contractor or any subcontractor or supplier at any tier.
- (b) This warranty shall continue for a period of 1 year from the date of final acceptance of the Work or Phase of Work, unless otherwise provided or extended in the Contract Documents. If the District takes possession of any part of the work before final acceptance, this warranty shall continue for a period of 1 year from the date the District takes possession.
- (c) The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to District-owned or controlled real or personal property, when that damage is the result of—
  - (1) The Contractor's failure to conform to contract requirements; or
  - (2) Any defect of equipment, material, workmanship, or design furnished.
- (d) The Contractor shall restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced will run for 1 year or as otherwise provided or extended from the date of repair or replacement.
- (e) The District shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage.
- (f) If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the District shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense.
- (g) With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for work performed and materials furnished under this contract, the Contractor shall—
  - (1) Obtain all warranties that would be given in normal commercial practice;

- (2) Require all warranties to be executed, in writing, for the benefit of the District, if directed by the District; and
- (3) Enforce all warranties for the benefit of the District, if directed by the District.
- (h) In the event the Contractor's warranty under paragraph (b) of this clause has expired, the District may bring suit at its expense to enforce a subcontractor's, manufacturer's, or supplier's warranty.
- (i) Unless a defect is caused by the negligence of the Contractor or subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material or design furnished by the District nor for the repair of any damage that results from any defect in District-furnished material or design.
- (j) This warranty shall not limit the District's rights under the Inspection and Acceptance clause of this contract with respect to latent defects, gross mistakes, or fraud.

## 24. CONSEQUENTIAL DAMAGES

The Contractor and Public Agency waive Claims against each other for consequential damages arising out of or relating to this Contract. This mutual waiver includes:

- (a) Damages incurred by the Public Agency for rental expenses, for losses of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or of the services of such persons; and
- (b) Damages incurred by the Contractor for principal office expenses including the compensation of personnel stationed there, for losses of financing, business and reputation, and for loss of profit except anticipated profit arising directly from the Work.

This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination. Nothing contained in this subparagraph shall be deemed to preclude an award of liquidated direct damages, when applicable, in accordance with the requirements of the Contract Documents.

## 25. HAZARDOUS MATERIALS

- (a) If reasonable precautions will be inadequate to prevent foreseeable bodily injury or death to persons resulting from a material or substance, including but not limited to asbestos, lead or polychlorinated biphenyl (PCB), encountered on the site by the Contractor, the Contractor shall, upon recognizing the condition, immediately stop Work in the affected area and report the condition to the Public Agency in writing.
- (b) The Public Agency shall obtain the services of a licensed laboratory to verify the presence or absence of the material or substance reported by the Contractor and, in the event such material or substance is found to be present, to verify that it has been rendered harmless. The Public Agency shall furnish in writing to the Contractor the names and qualifications of persons or entities who are to perform tests verifying the presence or absence of such material or substance or who are to perform the task of removal or safe containment of such material or substance. When the material or substance has been rendered harmless, Work in the affected area shall resume upon written notification from the Public Agency and Contractor. The Contract Time shall be extended appropriately.

## 26. <u>SAFETY</u>

- (a) Safety Programs. In addition to and as required by other Sections of the Contract Documents, the Contractor shall be solely responsible for initiating, maintaining and supervising all safety programs required by applicable law, ordinance, regulation or governmental orders in connection with the performance of the Contract, or otherwise required by the type or nature of the Work. The Contractor's safety program shall include all actions and programs necessary for compliance with California or federally statutorily mandated workplace safety programs, including without limitation, compliance with the California Drug Free Workplace Act of 1990 (California Government Code §§8350 et seq.). Without limiting or relieving the Contractor of its obligations hereunder, the Contractor shall require that its Subcontractors similarly initiate and maintain all appropriate or required safety programs. Prior to commencement of Work, the Contractor shall meet with the Campus Buildings and Grounds Manager, Project Manager, and Construction Manager to review Contractor's safety precautions and implementation of safety programs during the Work.
- (b) Safety Precautions. In addition to and as required by other Sections of the Contract Documents, the Contractor shall be solely responsible for initiating and maintaining reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury or loss to: (i) employees on the Work and other persons who may be affected thereby; (ii) the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody or control of the Contractor or the Contractor's Subcontractors or Sub-subcontractors; and (iii) other property or items at the site of the Work, or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction. The Contractor shall take adequate precautions and measures to protect existing roads, sidewalks, curbs, pavement, utilities, adjoining property and improvements thereon (including without limitation, protection from settlement or loss of lateral support) and to avoid damage thereto. Without adjustment of the Contract Price or the Contract Time, the Contractor shall repair, replace or restore any damage or destruction of the foregoing items as a result of performance or installation of the Work.
- (c) Safety Signs, Barricades. In addition to and as required by other Sections of the Contract Documents, the Contractor shall erect and maintain, as required by existing conditions and conditions resulting from performance of the Contract, reasonable safeguards for safety and protection of property and persons, including, without limitation, posting danger signs and other warnings against hazards, promulgating safety regulations and notifying Districts and users of adjacent sites and utilities.
- (d) Safety Notices. In addition to and as required by other Sections of the Contract Documents, the Contractor shall give or post all notices required by applicable law and comply with applicable laws, ordinances, rules, regulations and lawful orders of public authorities bearing on safety of persons or property or their protection from damage, injury or loss.

#### 27. SIGNATURES AND ACKNOWLEDGEMENT

Ρ	ub	lic	Age	ncy,	Bv:	

Amy Sterry, Director of Purchasing and Contracts

**Note to Contractor:** (1) Execute acknowledgement form below, and (2) if a corporation, affix Corporate Seal.

**Contractor** hereby also acknowledging awareness of and compliance with Labor Code S1861 concerning Worker's Compensation Law.

#### **Contractor:**

\_\_\_\_\_ (CORPORATE SEAL)

(Designate Official Capacity) NAME

Print NAME and TITLE

License Number

By: \_\_\_\_\_

Federal ID Number

**NOTARY PUBLIC** 

=
State of California )<sub>SS.</sub> <u>ACKNOWLEDGEMENT</u> (By Corporation, Partnership or Individual)
County of Contra Costa )

The person(s) signing above for Contractor, known to me in individual and business capacity as stated, personally appeared before me today and acknowledged that he/she/they executed it and that the corporation or partnership named above executed it.

Dated:\_\_\_\_\_

(NOTARIAL SEAL)

END OF SECTION 00600

#### **SECTION 00650**

#### NOTICE TO PROCEED

Date:		<u> </u>							
то:									
ADDRESS:									
PROJECT:									
You are not	ified that the Cont	ract Time under	the al	oove (	contrac	t will	comm	nence to ru	n on
	By that date	, you are to star	t perfor	ming	your o	bligati	ons un	der the Con	tract
Documents.	In accordance with	Section 00600,	Constru	iction	Agreer	nent,	the da	te of Substa	antial
Completion	is	,	and	the	date	for	Final	Completion	n is

#### CONTRA COSTA COMMUNITY COLLEGE DISTRICT

•

Ву :\_\_\_\_\_

Ben Cayabyab Contracts Manager

#### END OF DOCUMENT

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#### **SECTION 00800**

#### SUPPLEMENTARY GENERAL CONDITIONS

#### PART 1 - GENERAL

#### 1.1 SCOPE OF WORK

In general, the Work consists of the following, but not limited to: Updating the door and gate locking hardware on the entire campus to accept Corbin Russwin Large Format Interchangeable Cores while meeting ADA and Fire Code requirements. It also includes the procurement of factory keyed Medeco/Keymark X4 Corbin Russwin Large Format Interchangeable Cores and Intelligent Key Cabinet. See Section 00010, Table of Contents, for a list of all the Contract Documents (specifications) included in this the scope of work, including addendums issued and referenced in the Contractor's bid form (Section 00300).

#### 1.2 REFERENCES

- A. The publications listed below form a part of this specification by reference.
  - 1. Current California Occupational Safety and Health Act Regulations
  - 2. Current California Occupational Safety and Health Construction Safety Orders
  - 3. This work will be contracted using the District's Construction Agreement; See Section 00600.

#### 1.3 SUBMITTALS

- A. Provide submittals in the format, and as described below:
  - 1. Submittals shall be submitted to the District, electronically, in PDF format, within fourteen (14) Calendar Days from the Notice to Proceed, except as otherwise noted.
  - 2. Submittals that require local and State agency approval, shall conform to this Specification and the requirements of the local or State agency.
  - 3. District will review and provide a response to submittals within fourteen (14) calendar days (excluding holidays). Submittals that include design documents prepared by a licensed California Engineer will be submitted for the District's records. Any District review and response to the Contractor's design documents by a licensed California Engineer will be for format and general compliance only. Contractor and Contractor's licensed California Engineer are responsible for compliance with all applicable State of California codes, laws and regulations applicable to this project.
- **B.** Provide submittals for all equipment, if any, listed on the Drawings or in the Specifications.
- **C.** The Schedule of Values shall be submitted to the District within seven (7) calendar days after the Notice of Award. The Schedule of Values shall be broken down by the following minimum categories:

- 1. Submittals
- 2. Material Procurement
- 3. Demolition
- 4. Insulation installation
- 5. Roofing Installation
- 6. Owner and Maintenance Manuals and Warranties
- 7. As-Builts / Project Record Documents

The District will only pay for Work installed at the Site.

- D. CPM construction schedule shall be submitted as a Microsoft Project file within ten (10) calendar days from the Contract Award date. District and Contractor shall meet and review the schedule. The Notice to Proceed will not be issued until the District accepts the schedule or accepts it with conditional changes. Below are the minimum activity types that shall be included in the schedule:
  - 1. Contractor Submittals
  - 2. Submittal Reviews by District
  - 3. Procurement
  - 4. Construction activities corresponding to the Schedule of Values
  - 5. Substantial Completion Milestone
  - 6. Project Closeout Activities.
  - 7. Final Completion Milestone
- E. Submittals are for review of conformance with the requirements of the Contract.

### 1.4 SUBSTITUTIONS.

- A. One Product Specified. Unless the Specifications state that no substitution is permitted, whenever the Contract Documents indicate any specific material, product, thing or service, or any specific name, make, trade name, or catalog number, with or without the` words "or equal," such specification shall be deemed to be used for the purpose of facilitating description of the material, product, thing or service desired and shall be deemed to be followed by the words "or equal" unless the Contract Documents specify "no substitution allowed", "no equal", "no equivalent", or other language with similar meaning, in which case no substitutions will be allowed. Pursuant to Paragraph 1.3.F.3, the Contractor may, unless otherwise stated, within three (3) work days after the bid opening, submit a substitution request for any material, product, thing or service, which shall be materially equal or better in every respect to that so indicated or specified ("Specified Item") and will completely accomplish the purpose of the Contract Documents.
  - 1. *Products Specified which are Commercially Unavailable*. If the Contractor fails to make a request for substitutions for products, within three (3) work days after bid opening, and such products subsequently become commercially unavailable, the

Contractor may request a substitution for such commercially unavailable item. The decision to grant this request is solely at the District's discretion. The written approval of the District, consistent with the procedure for Change Orders, shall be required for the use of a proposed substitute material. The District may condition its approval of the substitution upon the delivery to District of an extended warranty or guaranty or other assurances of adequate performance of the substitution as well as an equitable deduction in the contract sum should the substituted item cost less than the Specified Item. All risks of delay due the approval of a requested substitution by the District, DSA, or any other governmental agency having jurisdiction, shall be on the requesting party. All additional costs, all procurement and construction delays, and all costs for review by the Architect or its consultants shall be the responsibility of the Contractor and will be deducted from Contractor's pay request.

- **B.** Substitution Request Form. Requests for substitutions of materials, products, things or services in place of a Specified Item must be submitted to the District in writing on the District's Substitution Request Form ("Request Form") within three (3) work days after bid opening, except as provided for in Paragraph 1.3.F.1.
  - 1. The Substitution Request Form must be accompanied by evidence as to whether the proposed substitution:
    - (a) Is equal in quality/service/ability to the Specified Item;
    - (b) Will entail no changes in detail, construction, and scheduling of related work;
    - (c) Will be acceptable in consideration of the required design and artistic effect;
    - (d) Will provide no cost disadvantage to the District;
    - (e) Will require no excessive or more expensive maintenance, including adequacy and availability of replacement parts; and
    - (f) Will required no change of the construction schedule.
  - 2. In completing the Substitution Request Form, the bidder shall state, with respect to each requested substitution, that the bidder will agree to provide the Specified Item in the event that the District denies the bidder's request for such requested substitution. In the event the District denies the bidder's requested substitution for a Specified Item, the bidder shall provide the Specified Item without any additional cost or charge to the District and waives all rights to submit a claim.
- **C. After Bid Opening**. After bids are opened, the apparent lowest bidder shall provide, within three (3) days of opening such bids, any and all Drawing, Specifications, samples, performance data, calculations, and other information, as may be required to assist the Design Consultant and the District in determining whether the proposed substitution is acceptable. The burden of establishing these facts shall be upon the bidder.
  - After the District's receipt of such evidence by the bidder, the District will make its final decision as to whether the bidder's request for substitution for any Specified Items will be granted. The decision as to whether a proposed request for substitution is equal to a Specified Item shall be at the sole discretion of the District. Any request for substitution that is granted by the District shall be documented and processed through a Change Order. The District may condition its approval of any

substitution upon delivery to the District of an extended warranty or guaranty or other assurances of adequate performance of the substitution. Any and all risks of delay due to approval by the District, DSA or any other governmental agency having jurisdiction shall be on the bidder.

2. If the Design Consultant and District accept a proposed substitution, the Contractor agrees to pay for all District expenses, including but not limited to Division of the State Architect fees, engineering and design services, compensation to the Design Consultant for their required time to process such substitution through the Division of the State Architect, if required, and to make all changes and adjustments in materials or the work of all trades directly or indirectly affected by the substituted item or items at no cost to the District

#### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- **A.** Contractor Provided Materials: The Contractor provided materials shall include any associated equipment and appurtenances required for performing the contract properly and in accordance with the equipment manufacturer's literature.
- **B.** All materials shall be new, unless otherwise authorized or specified in the scope of work of this specification.
- C. All keys, key blanks and cores MUST be shipped from the factory directly to: Los Medanos College Attn: Michael Schenone, Director of Operations & Maintenance, Buildings and Grounds 2700 East Leland Road Pittsburg, CA 94565-5107

#### 2.2 MATERIAL ESCALATION

- **A.** Contractor Provided Materials: The District will not accept any material escalation cost as a result of the project duration. All pricings at time of bid must be held for the duration of the project.
- **B.** The Contractor may include in its Request for Payment the value of any materials prepared specifically for the Project and unique to the Project so long as all of the following requirements are satisfied:
  - a. No payment shall be made for materials stored off-site without the written approval of the District to be given or withheld in the District's sole discretion;
  - b. Title to such materials shall be vested in the District as evidenced by documentation satisfactory in form and substance to the District, including, without limitation, recorded financing statements, UCC filings and UCC searches;
  - c. With each Contractor Request for Payment, the Contractor shall submit to the District a written list identifying each location where materials are stored off-site (which must be a bonded warehouse) and the value of the materials at each location. The Contractor shall procure insurance satisfactory to the District (in its reasonable discretion) for materials stored off-site in an amount not less than the total value thereof;

- d. The consent of any Surety shall be obtained to the extent required prior to payment for any materials stored off-site;
- e. Representatives of the District shall have the right to make inspections of the storage areas at any time; and
- f. Such materials shall be (1) protected from diversion, destruction, theft and damage to the reasonable satisfaction of the District; (2) specifically marked for use on the Project; and (3) segregated from other materials at the storage facility.

#### PART 3 - EXECUTION AND RELATED REQUIREMENTS

#### 3.1 GENERAL

- A. Work Restrictions: Contractor shall maintain a safe path of travel for all pedestrians and vehicles during construction. Contractor is required to provide safety barricades and alternative routes of travel for pedestrians and vehicles at all times, unless otherwise approved by the District. Anytime the Contractor anticipates it will block and divert existing paths of travel for pedestrians or vehicles, it shall provide a hard copy plan along with proposed wayfinding signage for review by the District at least 5 work days prior to such blockage and diversion. Said plan shall be reviewed and approved by the District prior to commencement of this work by the Contractor.
  - 1. The contract duration accounts for the material lead time for all materials.
  - Hardware installation will take place over winter break starting on December 18, 2023.
    - a. Construction must be completed by end of Winter Break January 19, 2024.
  - 3. Temporary LFIC Corbin/Russwin cores will be provided with operating and control keys. These temporary cores will be installed by the contractor in every lock installed so proper lock function may be tested prior to acceptance and installation of finished Keymark core (by others).
  - 4. All keys/fobs provided MUST be turned in at the end of every day worked. Keys/fobs may be checked out during the hours of 0700 and 1600 at Building & Grounds office.
  - 5. All padlocks will have shackle chain and collar to prevent the removal of padlock from its assigned location. Include mounting/securing this chain to gate/wall/door/roof hatch in your proposal.
  - 6. The scheduling of installations is very important. There are many factors that require coordination. Keys must be produced and delivered, classrooms cannot be in use, staff in offices should have interruptions minimized. The Los Medanos Buildings and Grounds staff will work with the bid winner to coordinate this work.
- **B.** Contractor shall provide barricades, wayfinding signage, safety signage, and COVID-19 signage around the construction site through Substantial Completion to deter access by students, faculty, and the public to areas under the control of the Contractor.

- **C.** Contractor will be allowed to have access and use Campus utilities for temporary water and electricity, but Contractor shall be responsible to investigate prior to bid, and for all work necessary to connect to existing utilities for temporary use.
- **D.** Contractor shall control all construction-generated dust during construction, and clean-up said dust and debris daily to prevent migration to other areas or rooms.
- **E.** Scheduling and Coordination: Before commencing work on a specific area, the Contractor shall confirm that all requirements have been met pertaining to scheduling of the work. The Contractor shall further determine that all required written notices have been given to the District.
- **F.** Scheduling and Sequence of Work: The work shall be prosecuted in such a manner as to cause the least interference with the normal functions of the campus activity in the adjacent areas. Prior to beginning any work, the Contractor shall meet with the District and the Contractor's schedule shall be approved as noted in Article 1.3D above.
- **G.** Interruption of Utilities Services: Interruptions shall be kept to a minimum and shall be at such times and duration as approved ahead of time by the District. No interruption shall occur unless scheduled with the District and approved in advance in writing as to time and duration of such interruption. No utility interruptions that impact building operation during classes will be allowed, and these types of interruptions, if any, shall be scheduled for after normal hours when classes are not in session.
- H. Material, equipment, tools and workmen shall be scheduled and delivered to the Site in a timely manner to avoid delay in the work. Materials provided shall be inspected by the Contractor to make certain they follow the specifications and are free from defects and damage.
- I. Measurements: Before fabrication, obtain necessary field measurements and verify all measurements.
- J. Workmanship: Skilled personnel shall execute in a careful, neat, and proficient manner and in compliance with accepted trade practices for all work. All work shall be executed in accordance with Cal/OSHA standards and safety orders. And all work on this contract shall comply with all Local, State, and Federal Environmental Laws.
- **K.** Incidental Work: Minor incidental materials and work not specifically mentioned herein, but necessary for the proper completion of the specified work, shall be provided without additional cost to the District
- L. Administrative Forms: District shall provide its standard forms for use by Contractor.

#### 3.2 WORK BY CALIFORNIA LICENSED ENGINEER

**A.** Note that modifications to existing building structures, fire systems, or ADA changes, if any are discovered during construction, will require DSA approval. Contractor will be granted a non-compensable time extension for the duration it takes to obtain DSA approval. A change order will be negotiated for added direct labor field construction costs, if any.

#### 3.3 NOISE CONTROL

- **A.** Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to building occupants.
  - 1. Notify District's Representative not less than two days in advance of proposed disruptive operations.
  - 2. Obtain District's Representative's written permission before proceeding with disruptive operations.

#### 3.4 SITE WORK-Not Used

# 3.5 PROJECT CLOSEOUT REQUIREMENTS (After Substantial Completion & Before Final Completion)

- **A.** Refer to the Drawings listed in Section 00010, Table of Contents for requirements, and these Supplementary General Conditions.
- **B.** Provide final clean-up of Site prior to Final Completion.
- C. Warranty
  - 1. The Contractor warrants to the District that material and equipment furnished under the Contract will be of the highest quality and new unless otherwise required or permitted by the Contract Documents, that the Work will be free from defects not inherent in the quality required or permitted, and that the Work will conform with the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. Contractor's warranty and guaranty to District includes, but is not limited to the following representations:
    - a. In addition to any other warranties and guaranties provided elsewhere, Contractor shall, and hereby does, warrant all Work after the Certificate of Substantial Completion date issued by District and shall repair or replace any or all such work, together with any other work, which may be displaced in so doing that may prove defective in workmanship or materials within a one (1) year period from date of completion as defined in Public Contract Code Section 7107(c) without expense whatsoever to District, ordinary wear and tear, unusual abuse or neglect excepted. District will give notice of observed defects with reasonable promptness. Contractor shall notify District upon completion of repairs.
    - b. In the event of failure of Contractor to comply with above mentioned conditions within one week after being notified in writing, District is hereby authorized to proceed to have defects repaired and made good at expense of Contractor who hereby agrees to pay costs and charges therefore immediately on demand.

- c. If, in the opinion of the District, defective Work creates a dangerous condition or requires immediate correction or attention to prevent further loss to the District, the District will attempt to give the notice required by this Article. If the Contractor cannot be contacted or does not comply with the District's requirements for correction within a reasonable time as determined by the District, the District may, notwithstanding the provisions of this article, proceed to make such correction or attention which shall be charged against Contractor. Such action by the District will not relieve the Contractor of the guarantee provided in this Article or elsewhere in this Contract.
- d. This Article does not in any way limit the guarantee on any items for which a longer warranty or guaranty is specified in the **technical specifications** or on any items for which a manufacturer gives a guarantee for a longer period. Contractor shall furnish District all appropriate guaranty or warranty certificates upon completion of the project.
- 2. Format All Warranties/Guaranties and shall include:
  - a. Contractor, subcontractor, and equipment supplier shall provide Warranties and Guaranties on their original company letterhead with original signature.
  - b. Contractor shall provide original Warranties and Guaranties. Photocopies, fax and e-mail copies are not acceptable.
- 3. Preparation
  - a. Contractor shall obtain warranties and guaranties, executed in duplicate by each applicable and/or responsible subcontractor(s), supplier(s), and manufacturer(s), within fifteen (15) days after Certificate of Substantial Completion date of the applicable Work. Contractor shall leave date of beginning of time of warranty or guaranty blank until the date of Final Completion is determined by District as detailed in the Technical Specifications.
  - b. Contractor's Response to Construction Warranty and Guaranty Service Requirements: Following oral or written notification by the District, respond to construction warranty and guaranty service requirements within 24 hours, or earlier in case of emergency.
- 4. Warranty and/or Guaranty Tags
  - a. At the time of installation of mechanical equipment or other major system elements, tag each warranted or guaranteed item with a durable, oil and water-resistant tag approved by the District. Attached each tag with a copper wire and spray with a silicone waterproof coating. The date of Substantial Completion and the Contractor Authorized signature must remain blank until the date the District makes a determination of Substantial Completion. Show the following information on the tag:

#### WARRANTY/GUARANTY INFORMATION – [insert project number and name on actual tag]

a.	Type of product/material
b.	Model number
c.	Serial number
d.	Contract number
e.	Warranty/Guaranty period (months) from to to
f.	Inspector's signature
g.	Construction Contractor
	Address
	Telephone number
h.	Warranty or Guaranty contact
	Address
	Telephone number

i. WARNING - PROJECT PERSONNEL TO PERFORM ONLY OPERATIONAL MAINTENANCE DURING THE WARRANTY PERIOD.

#### 3.6 Project As-Built

- A. Contractor shall dedicate one complete full-size set of the Contract Drawings and one complete Project Manual for use in documenting as-built conditions, including but not limited to; RFIs, ASI, PCOs and Change Order.
- **B.** Contractor shall submit to District in hard copy one original and two copies of all Project As-Built Documents. In addition, one electronic copy shall be submitted to District. District reserves the right to require resubmittal in accordance with these Supplementary General Conditions if the documents are inaccurate or incomplete, or otherwise fail to meet the requirements of these Contract Documents.
- **C.** Electronic Media Format: Electronic media format for all Project As-Built Documents shall be Adobe PDF, with chapter markers and/or bookmarks inserted in place of the equivalent hard copy section tabs. Electronic copy shall include all tables, charts, drawings, codes and all other matters reflected in hard copies. Electronic media files shall be delivered on a unique CD-ROM or flash drive.

#### 3.7 TIME OF COMPLETION

- **A.** See Section 00300, Bid Proposal Form for specific requirements to complete the Work. Time requirements are also included in Section 00600, Construction Agreement.
- **B.** <u>Substantial Completion</u>: The date on which the Work or designated portion thereof, as certified by the District and Architect, is sufficiently complete, in accordance with the Contract Documents, so the District may occupy or utilize the Work or designated portion thereof for the use for which it is intended.
- **C.** <u>Remaining Work after Substantial Completion</u>: If the Architect or District determines that the work required by the Contract is Substantially Complete during any inspection conducted pursuant to this Agreement, the Contractor shall be notified of that determination and the District shall determine if there is Remaining Work. A list of Remaining Work shall be issued only by the District or the Architect and only after the District has certified Substantial Completion. The District or Architect shall give the Contractor the necessary instructions for

correction or completion of the Remaining Work, and the Contractor shall immediately comply with and execute such instructions within the Contract Time. Upon completion of the Remaining Work, another inspection shall be made that shall constitute the Final Inspection, provided the Remaining Work has been completed to the satisfaction of the District. If the remaining work has been completed to the satisfaction of the District, the District shall make the final acceptance and notify the Contractor in writing of this acceptance as of the date of Final Inspection.

**D.** <u>Final Completion</u>: The date when all Work for the total project has been completed in accordance with the terms of the Contract Documents and has been inspected following completion of Work identified in the Punch List Inspection and accepted by the Architect and the District. Final Completion is also sometimes referred to as Final Acceptance.



pathways to success

#### CONTRA COSTA COMMUNITY COLLEGE DISTRICT

500 Court Street, Martinez, CA 94553

Date:

#### SUBSTITUTION REQUEST FORM

Contractor Name:	
Contract #:	

labor, materials, equipment and incidentals to perform and complete the Work.

RFS# DSA Application #:

Contra Costa College Campus:

Contractor pursuant to General Conditions submits the proposed items. If the District accepts such items so described, the undersigned may furnish such item with all necessary

Project No., Name:

PROPOSED SUBSTITUTION Item No. SPECIFIED ITEM OR DRAWING SPECIFICATION SECTION (and name of Subcontractor if different)

#### CERTIFICATION

Under penalty of perjury under the Laws of California, I certify that the proposed substitution will be readily available, perform adequately the functions and achieve the results called for by the design concept, be similar in substance to that specified, and be suited to the same use as that specified in Contract Documents.

Contractor	i
Contractor	•

(Please print name of cor	ompany) Name and Title (prin	nt/type) Contractor Authorized Representative	Date
A. Does the substitution affect dimen-	sions shown on Drawings?		
B. Will the undersigned pay for chan	ges to the building design, including er	ngineering and detailing costs caused by the requested	substitution?
C. What effect does the substitution	have on other trades?		
D Will substitution cause change to	Project Schedule, or to critical delivery	v dates? Add ? Shorten ?	
D. Win cuso manor, cuase charge		y deles: Add . Chorten .	
E. Differences between proposed su	whatitution and specified item?		
E. Differences between proposed so	IDStitution and specified terms		
F. What is the Cost Differential includ	ding all mark-ups?		
G. Are Manufacturer's guarantees for	the proposed item the same as for item s	specified? Explain differences.	
H. The undersigned accepts full respo	onsibility for delays caused by redesign c	of other items of the Work necessitated by substitution.	
I. The undersigned states that the fund	ction, appearance and quality are equival	lent or superior to the specified item.	
A/E Response:	District Representa	ative Response:	
O Accepted	<b>O</b> Accepted		
O Not Accepted	<b>O</b> Not Accepted		
	•		

O Accepted As Noted **O** Received Too Late

O Accepted As Noted O Received Too Late

BY: Date:\_\_\_

\_\_\_\_\_ Date: \_\_\_\_ By:\_\_\_\_

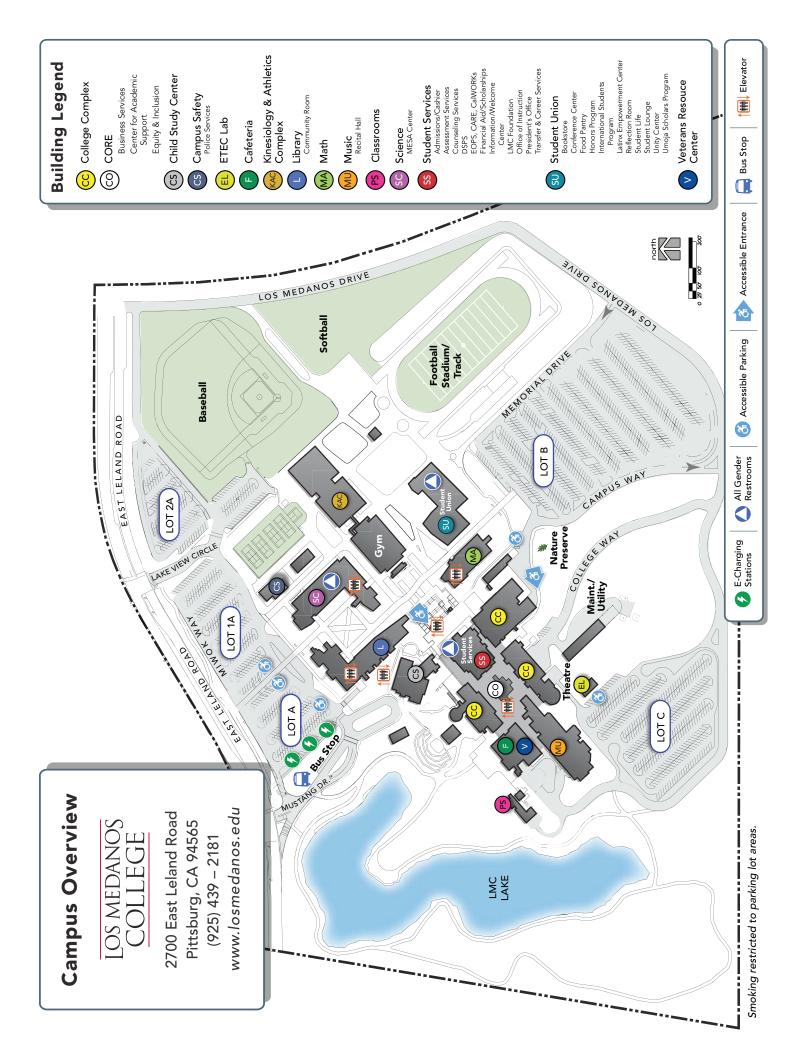
### **END OF SECTION 00800**

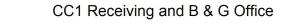
Contra Costa Community College District Los Medanos College L-1209 LMC Campus Re-Key Project

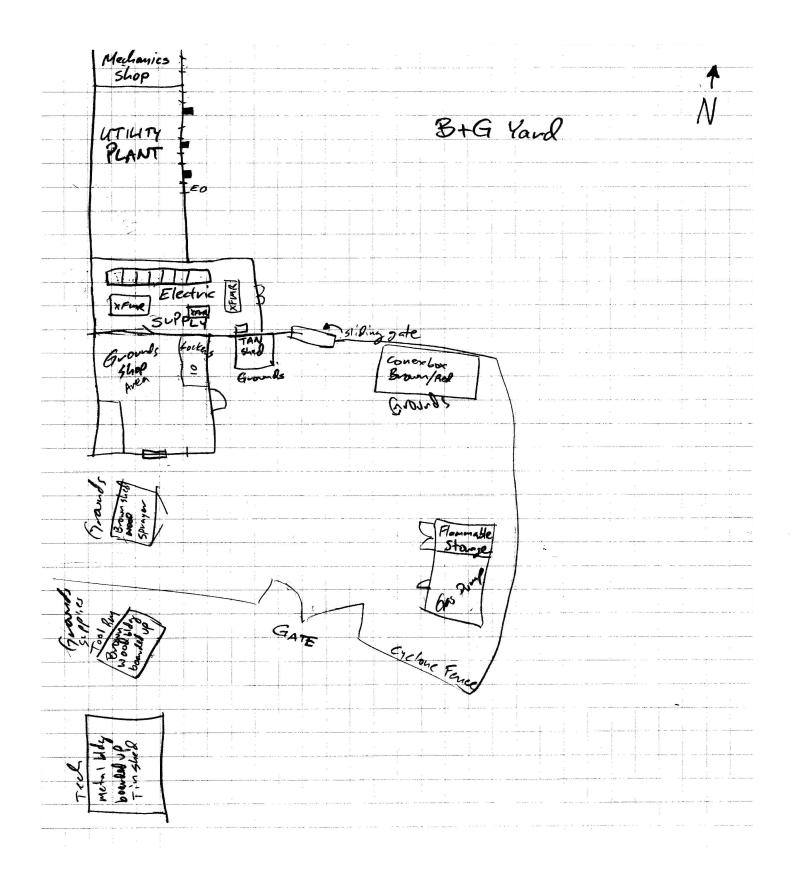
#### L-1209 Campus Map and Floor Plans

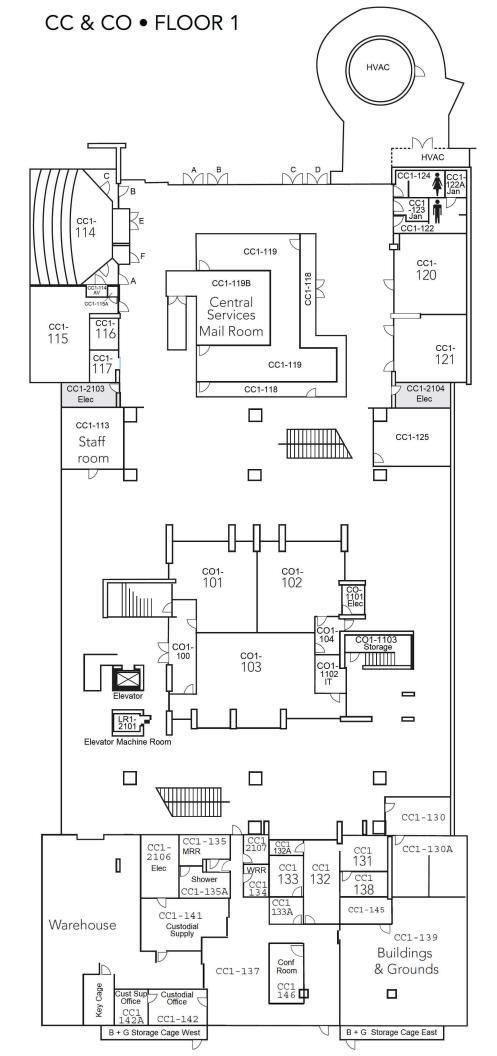
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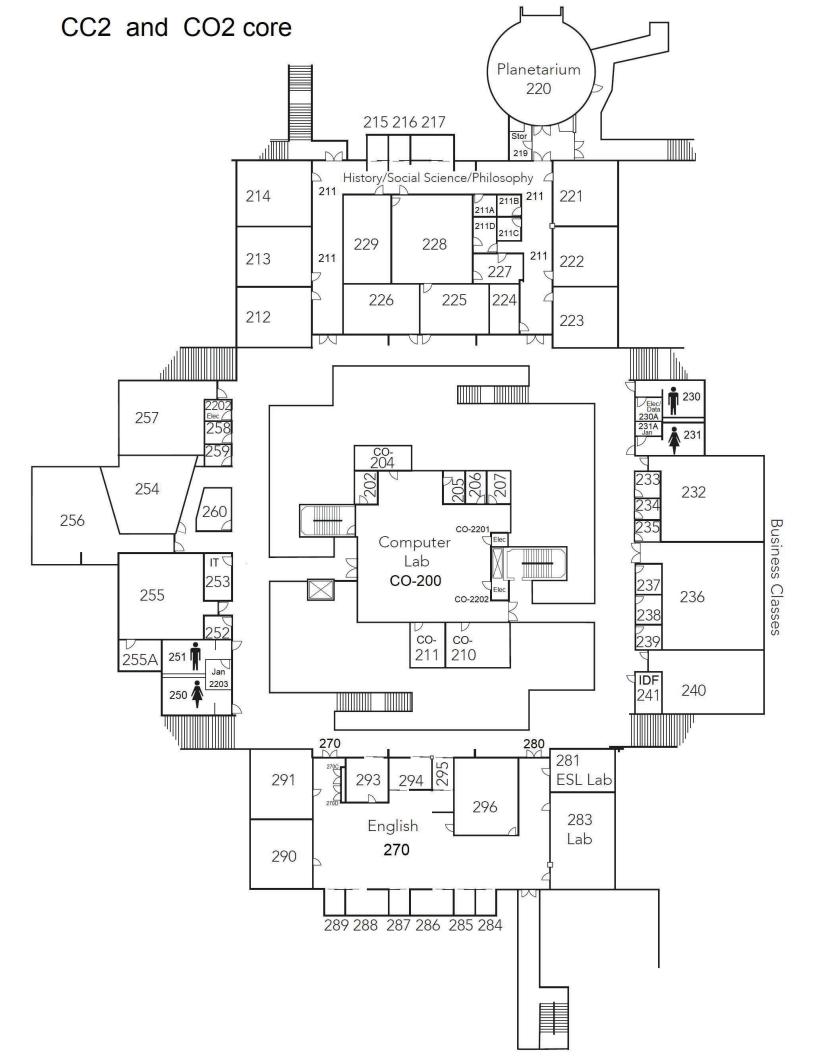
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Math Building – Level 2
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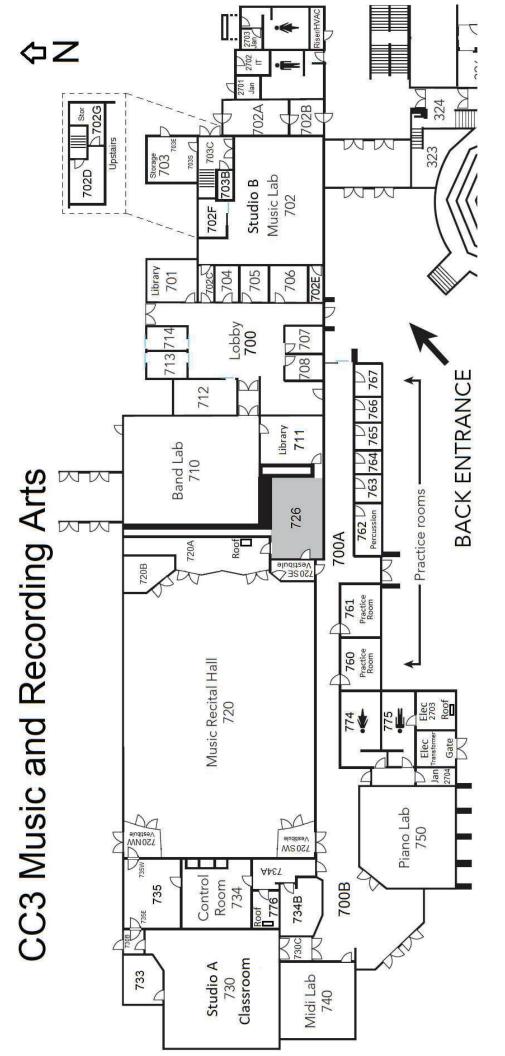


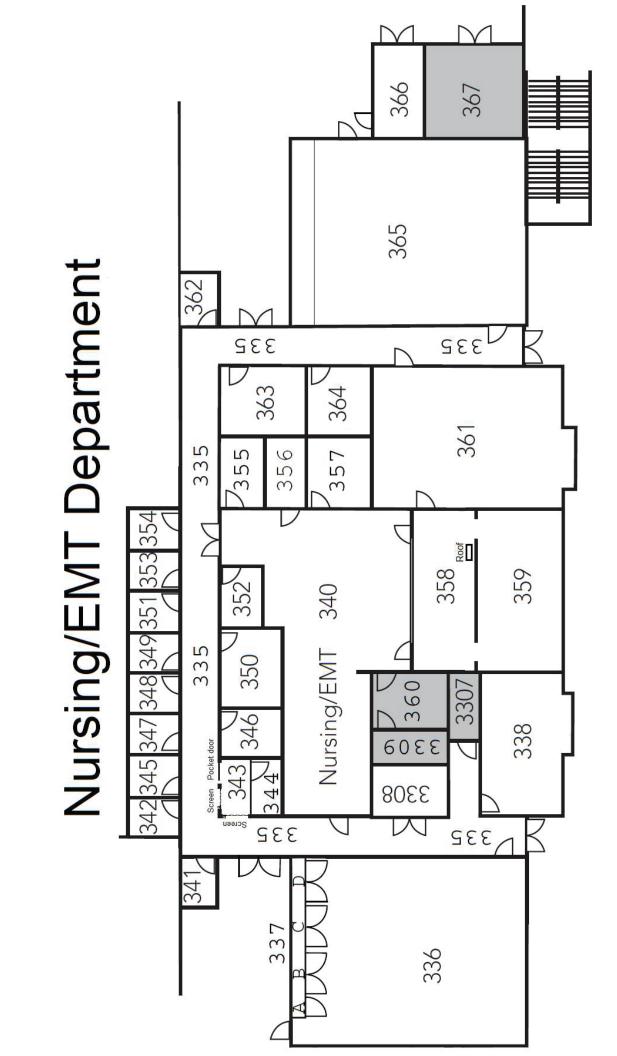


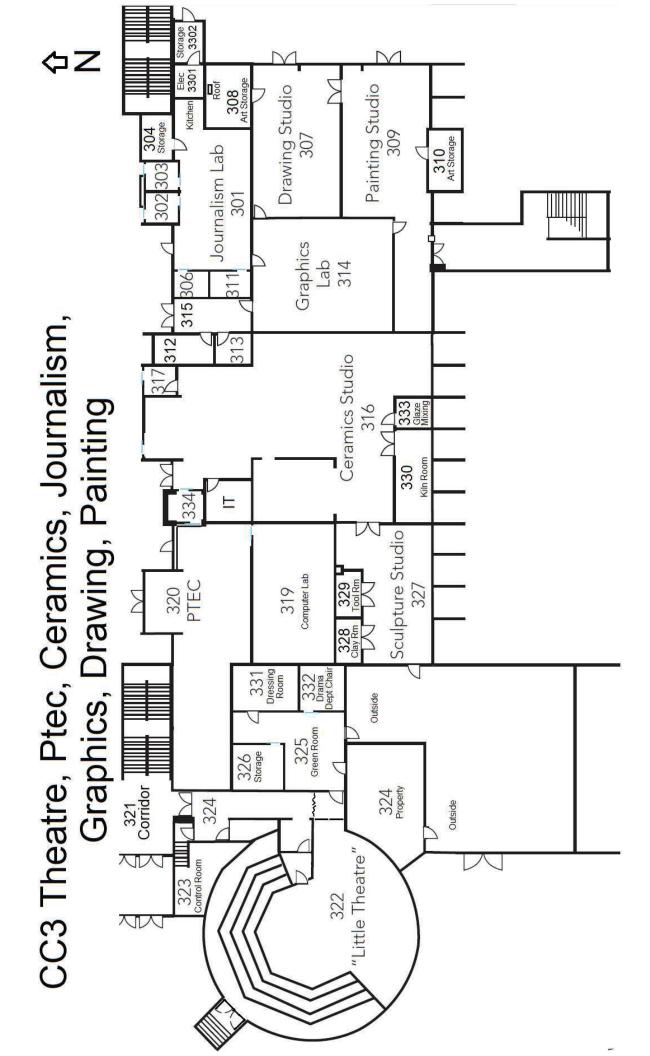


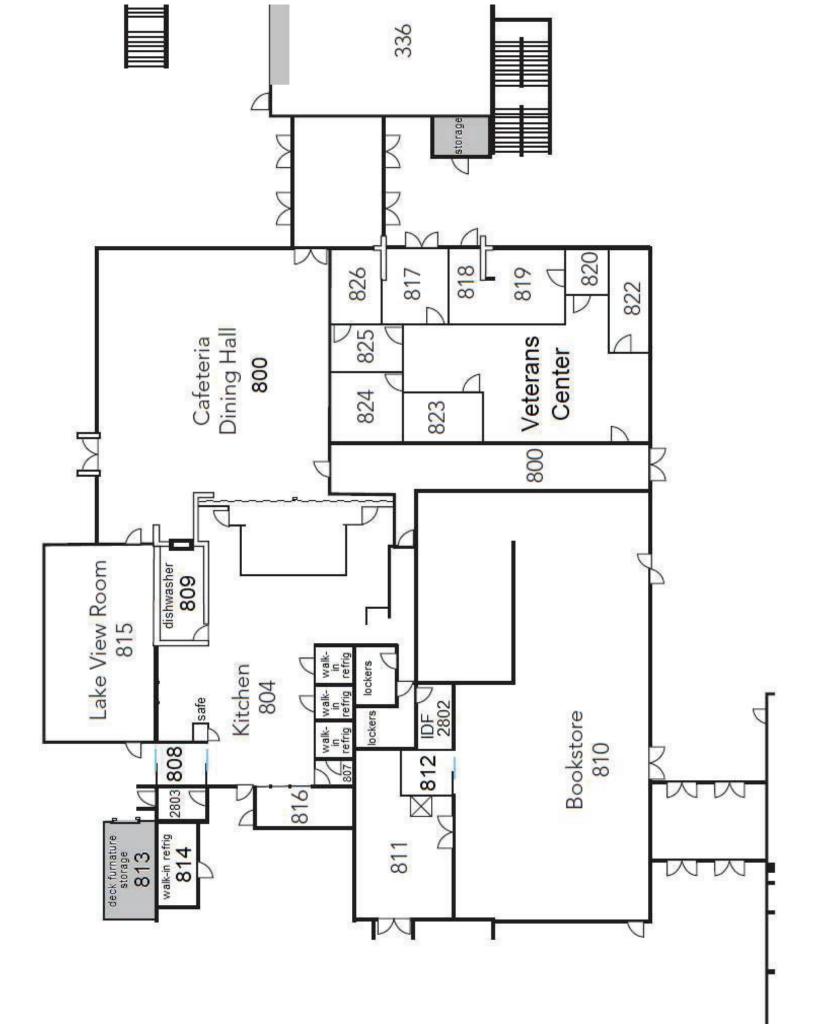


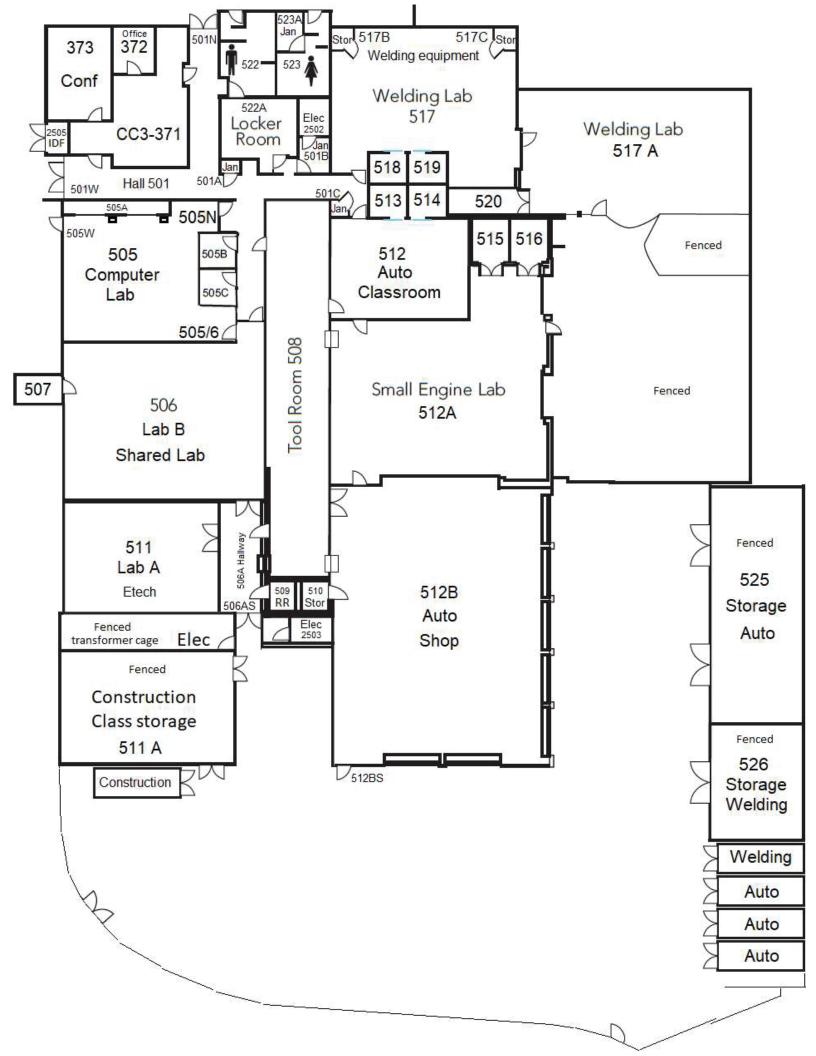


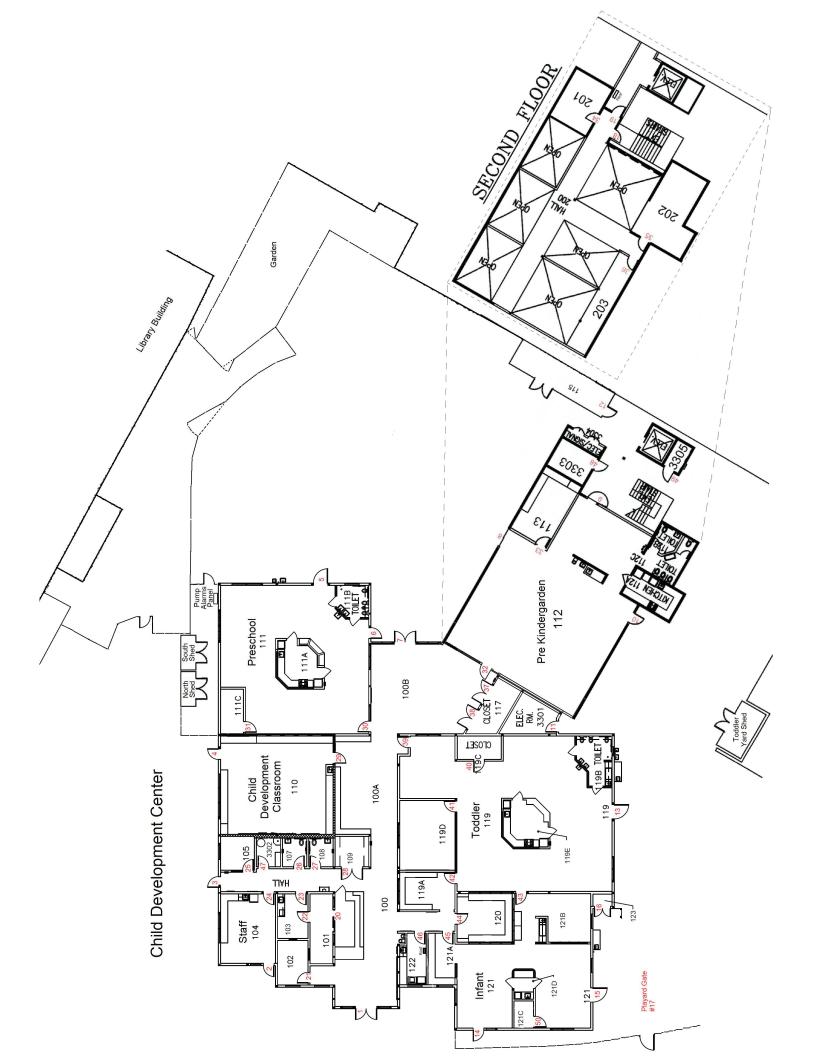


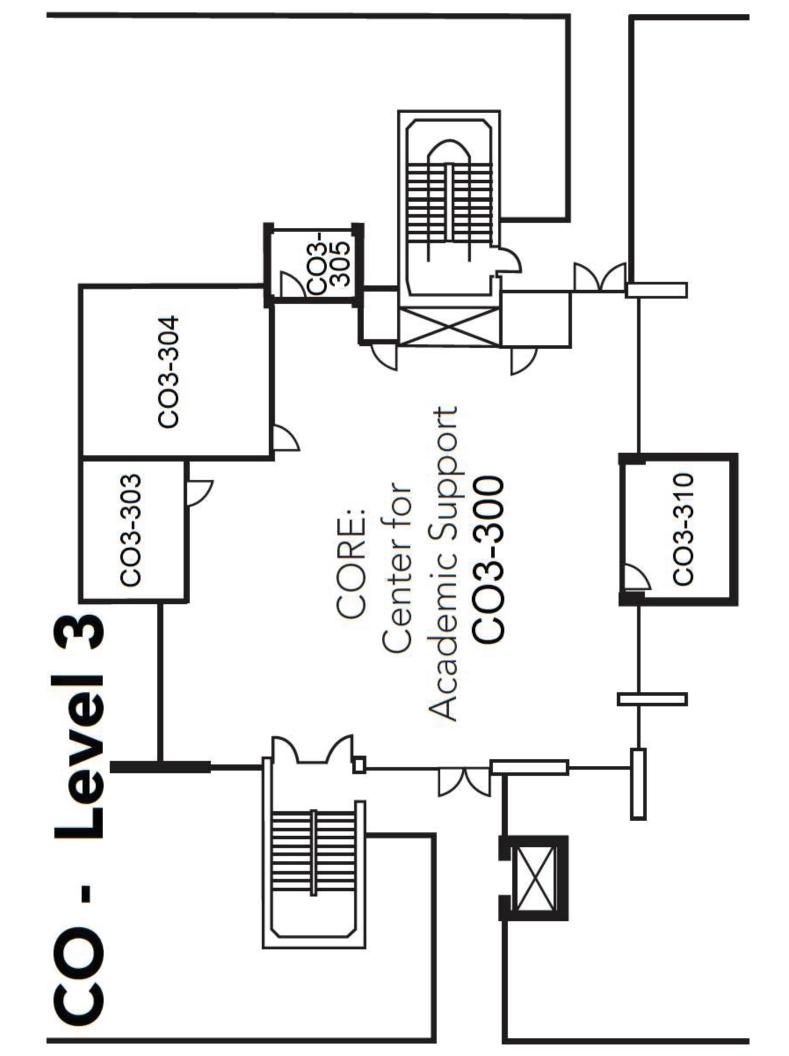


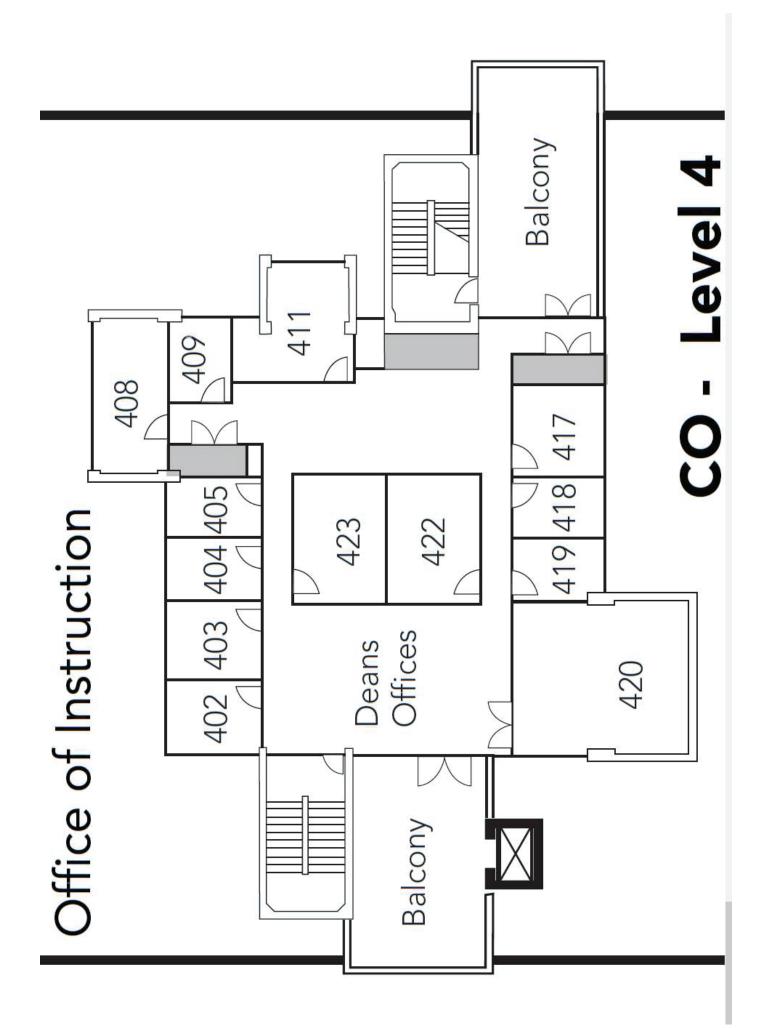


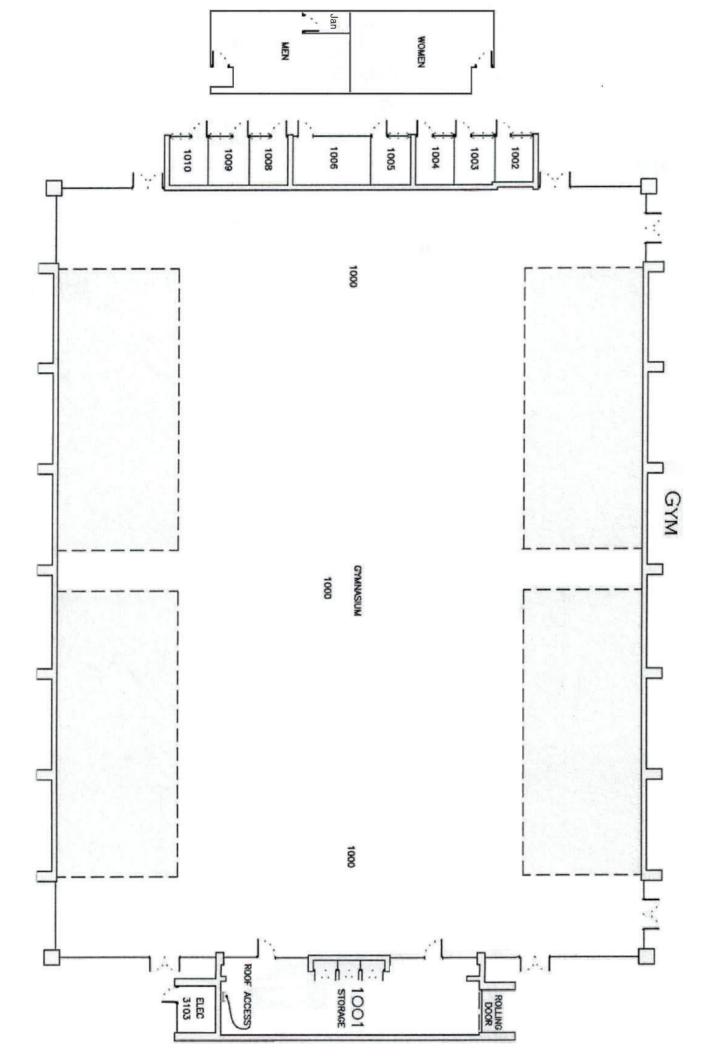


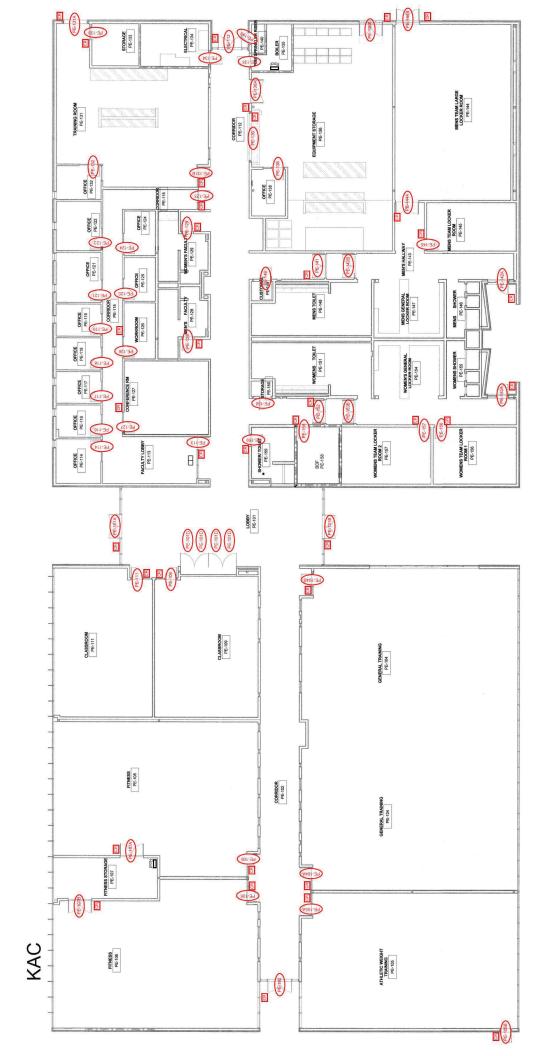


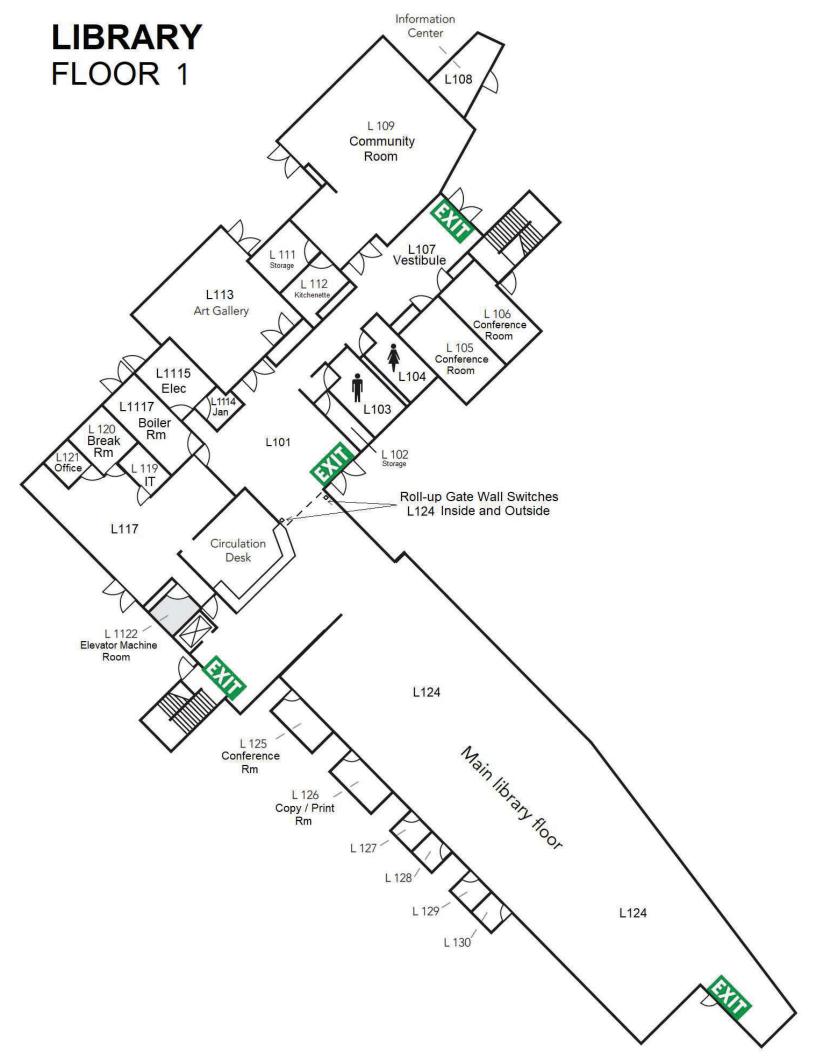


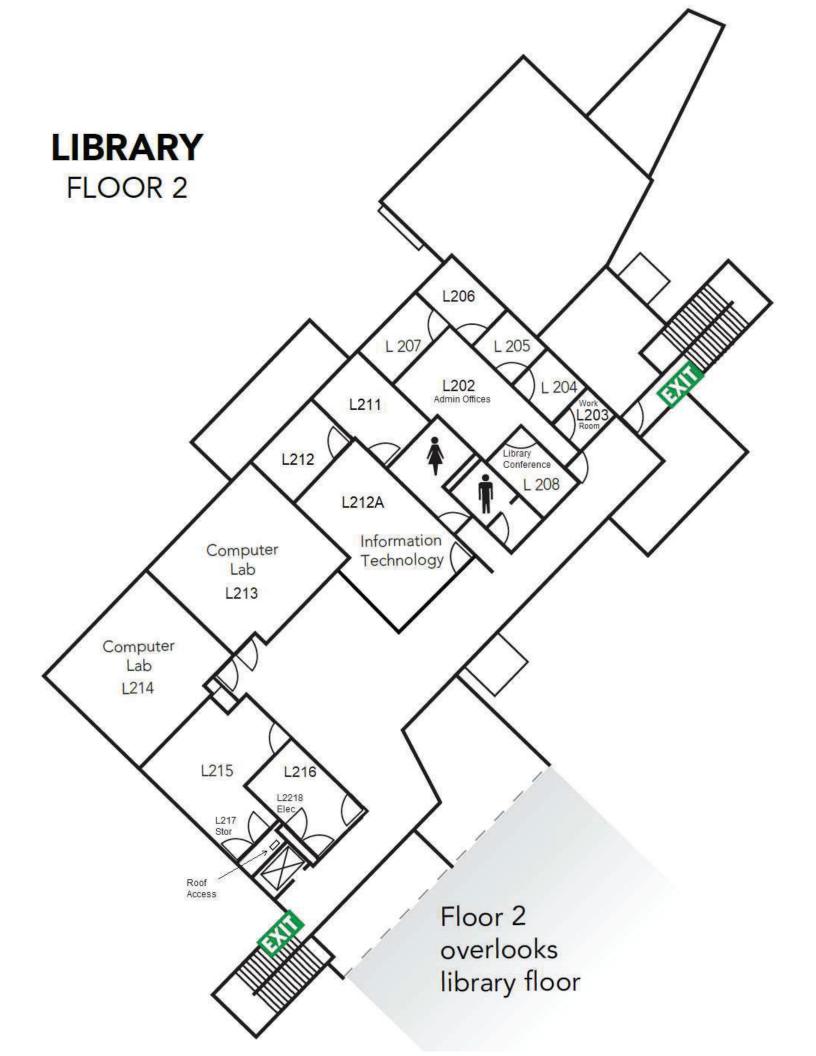




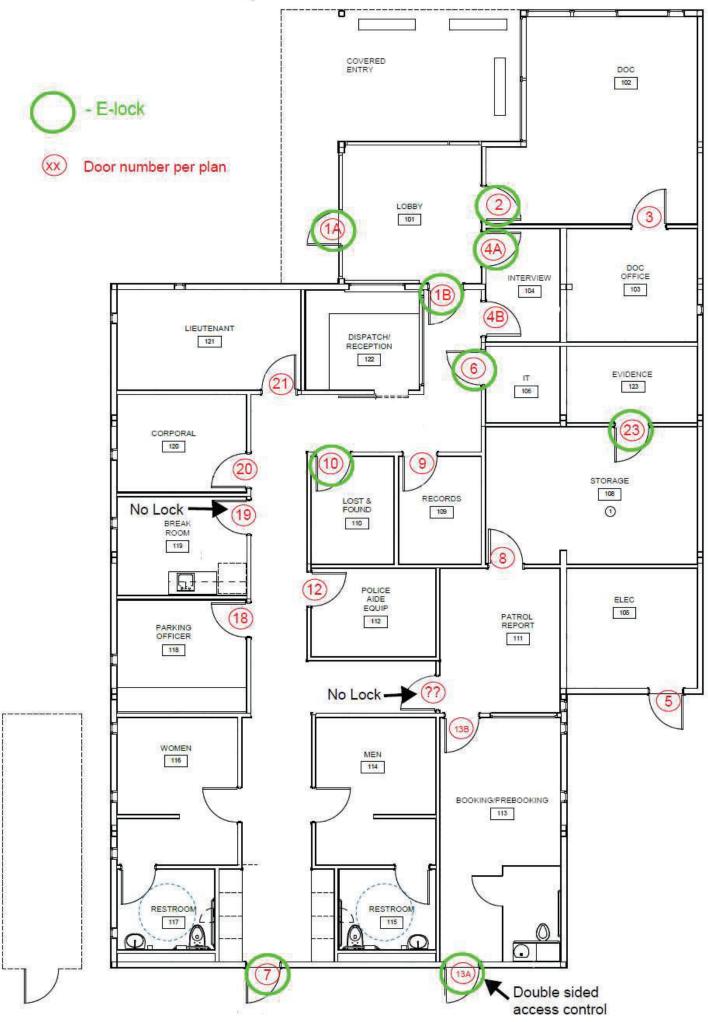


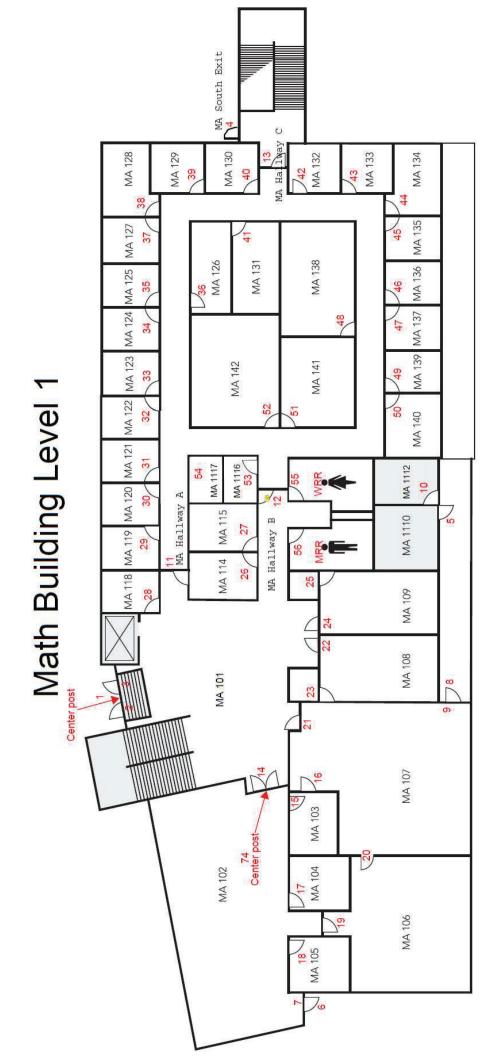


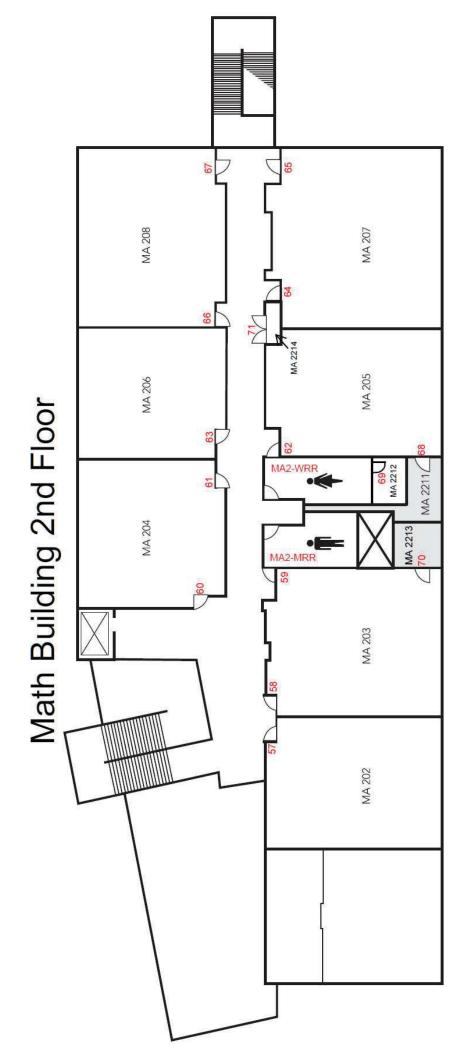


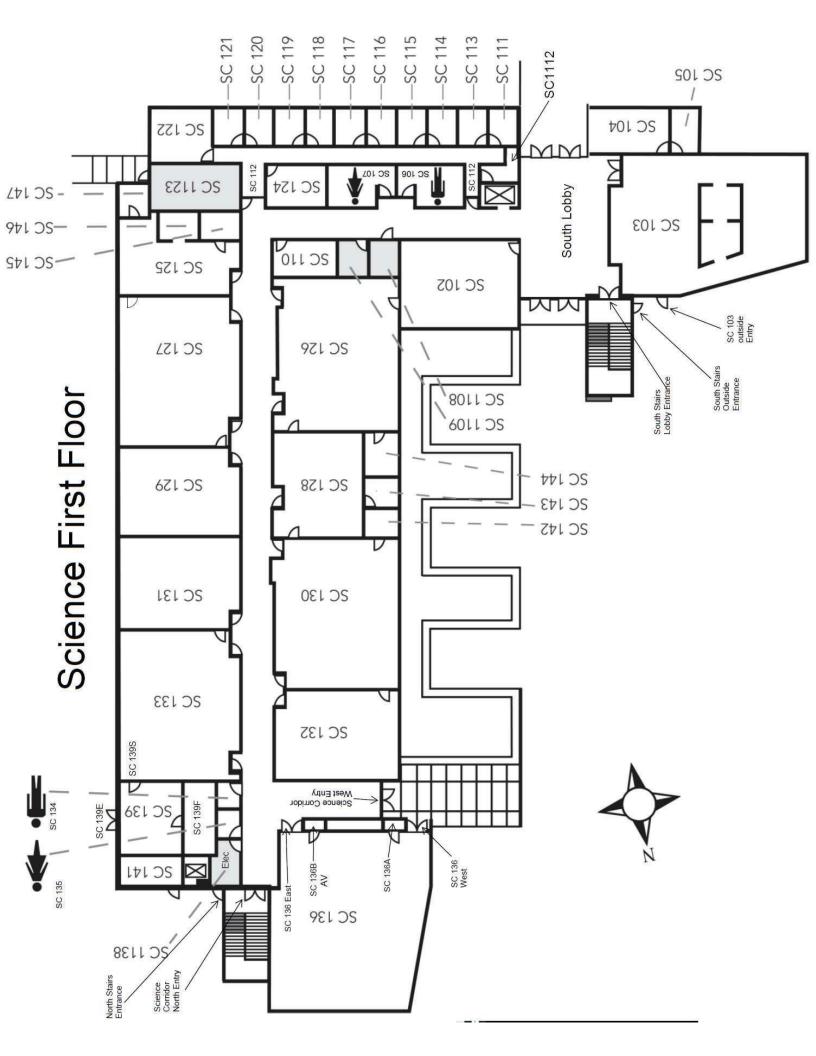


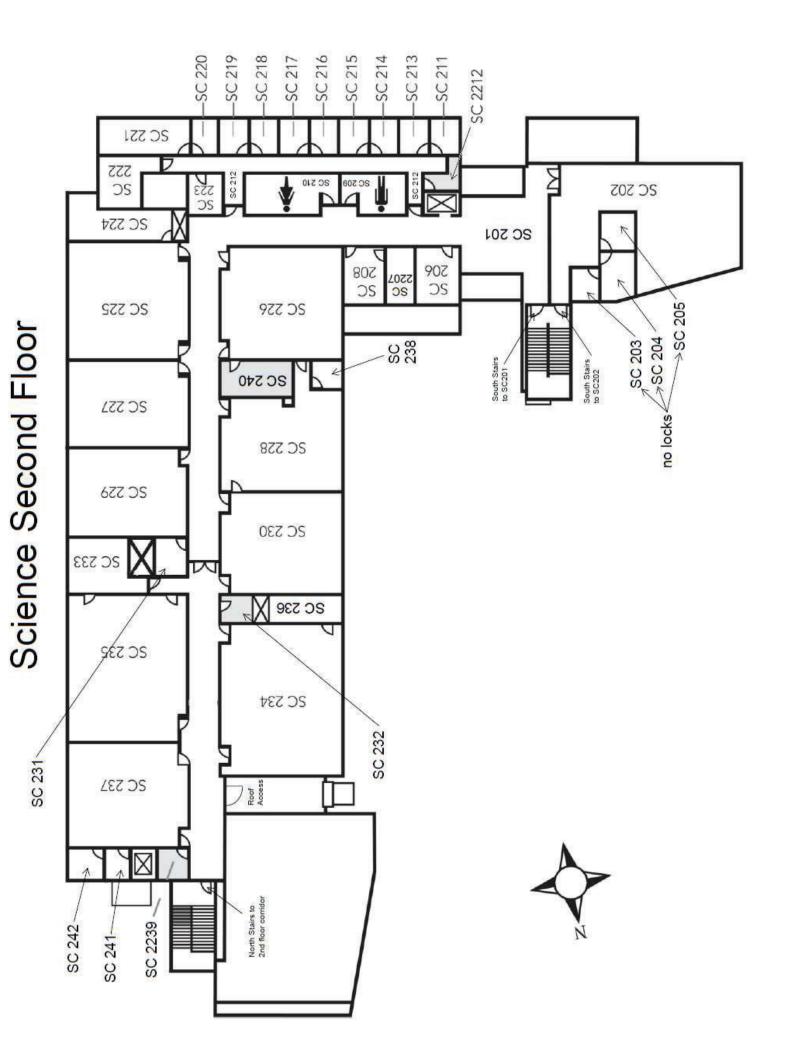
## LMC & CCC Police Departments

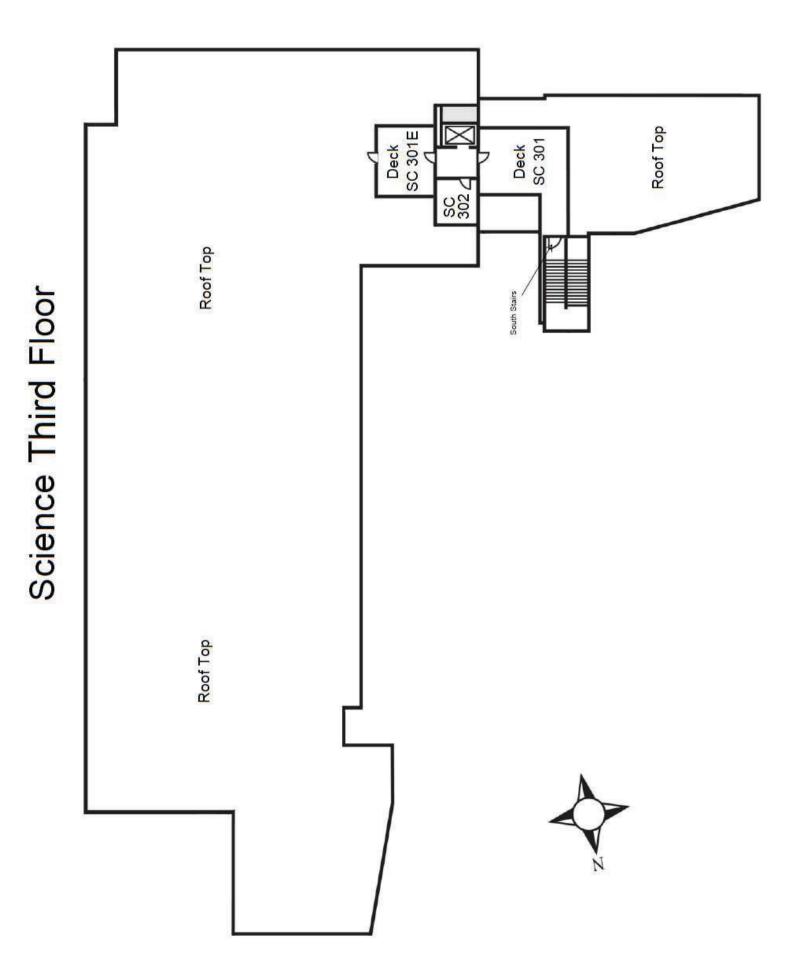


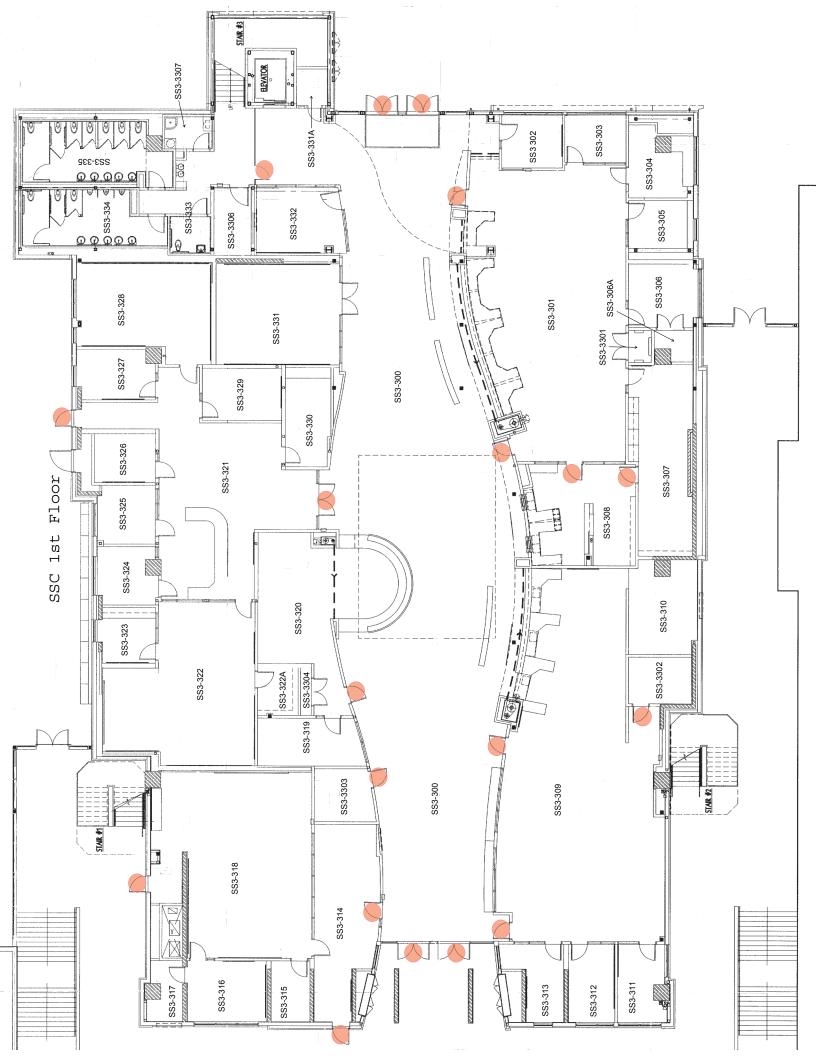


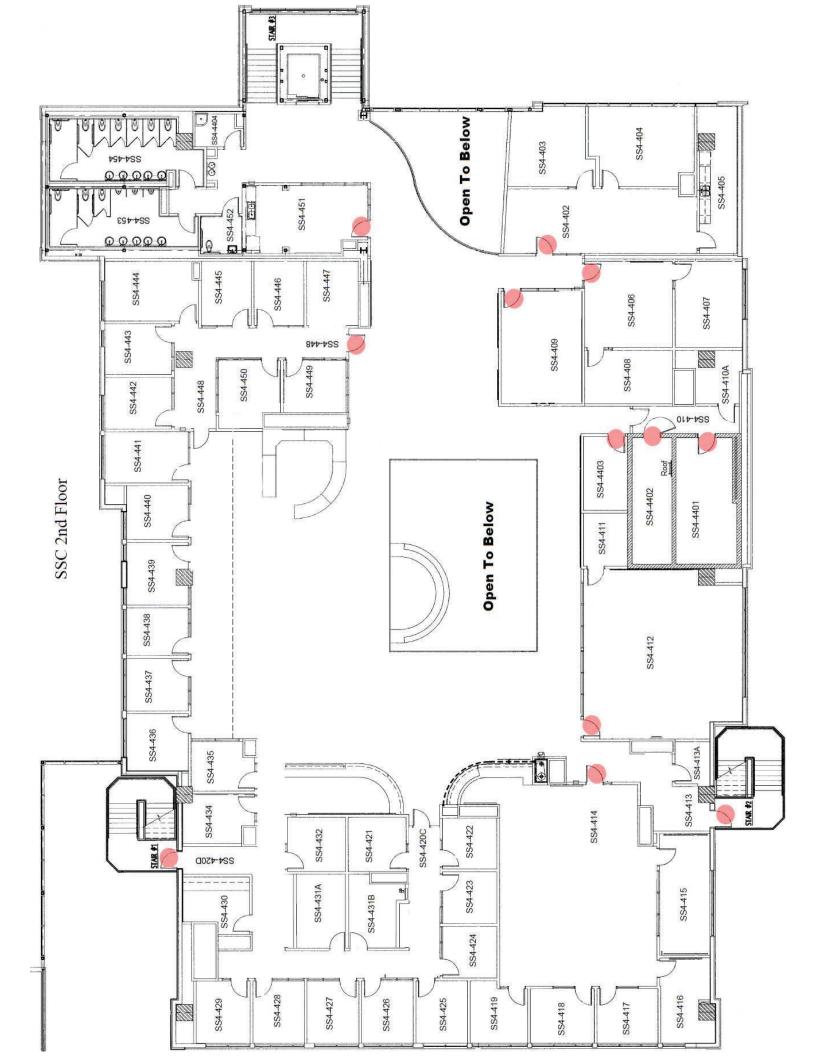


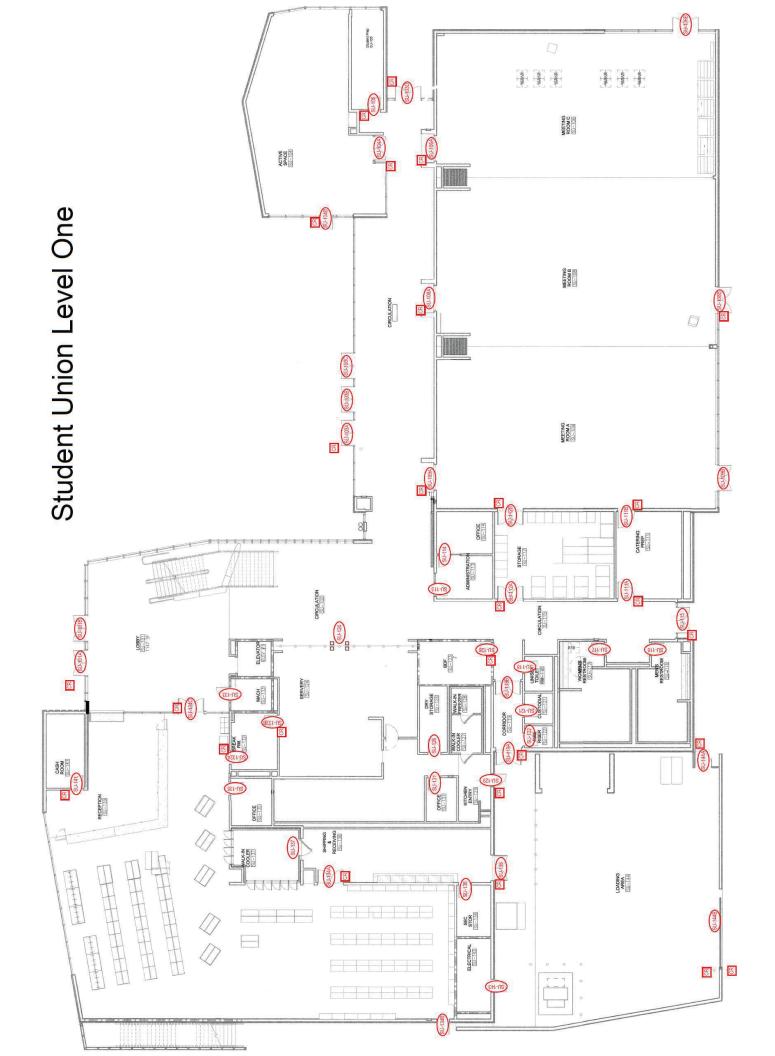


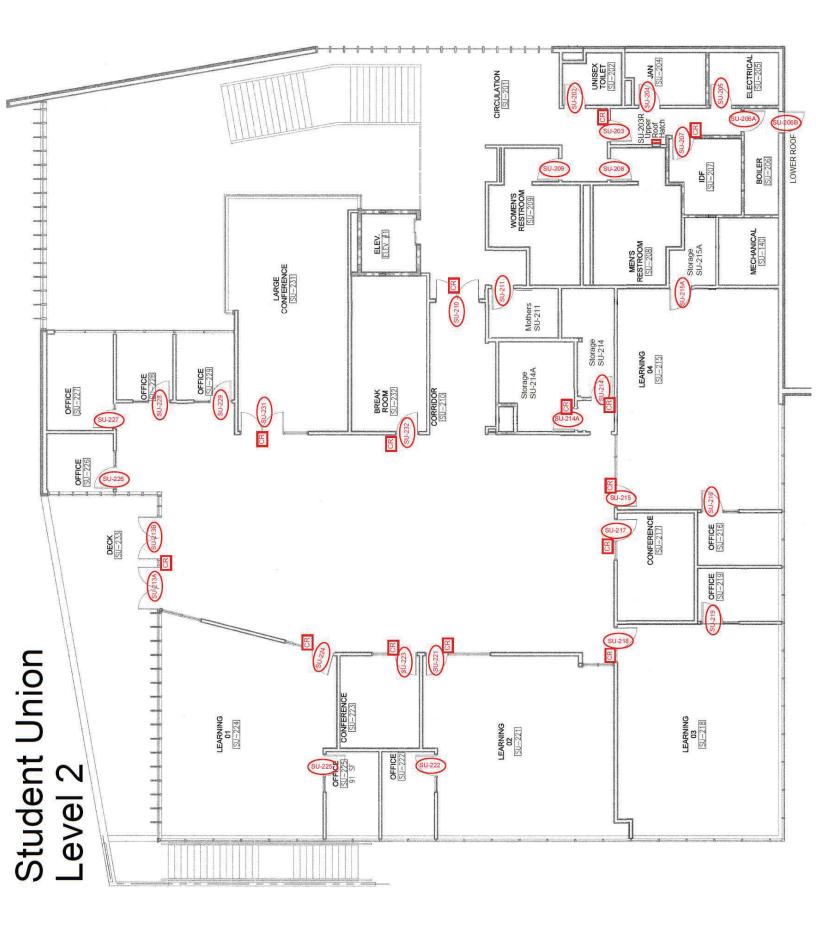












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# Intelligent Key Cabinet (IKC)

The Intelligent Key Cabinet is a complete, electronicallycontrolled, key management solution that can secure, distribute and audit the use of XT Keys, mechanical keys, or other assets. Only authorized users can gain access to the cabinet via the included biometric fingerprint reader or PIN code pad, or a combination of both. An optional access card reader is also available. IKC is available in configurations to store mechanical keys, XT electronic keys or a combination of both. As an essential addition to any Medeco XT

Intelligent Key system, it locks XT keys in place and keeps them charged and ready for use. The IKC can improve employee efficiency and increase accountability which translates into a more secure facility with lower operating costs.

#### **Benefits:**

- Accountability: No more wondering who has checked out keys or for how long. Complete audit trail and reporting by user and key activity. User accountability reduces lost keys. Fewer lost keys leads to lower expenses and improved security.
- Analytics: Identify potential problems in removal and return patterns before they escalate. Complete reporting suite provides multiple reporting options to provide real-time data. Reports can be automatically generated and sent to multiple users by email. Custom reports can be configured and exported to Excel for added convenience.
- Security: Loose keys are vulnerable to being misplaced or stolen. Only authorized users are able to access the electronic key management system. Biometric Fingerprint, PIN, and/or Prox Card authentication (optional) allow access to the IKC for added security and control. The IKC supports dual authentication if desired. For added security, a digital photo capture of each login can be added.
- **Convenience:** Allow employees to retrieve keys quickly without waiting for a manager. Quick, easy-to-use webbased or locally hosted software shows what keys are in, what keys are out, and to whom they are issued. The IKC allows the return of any key to any location in the cabinet, and then learns the key's new location.
- **Productivity:** Eliminate time spent searching for, or replacing lost keys always know who took which key, and when.
- Efficiency: Pair with a full XT solution to identify patterns and workflows to gain even greater efficiency and security. XT version cabinets charge and program keys while they are secured and stored, ensuring keys are always ready to go.

#### Features:

- Heavy-duty enclosure keeps keys safe and secure
- Distributes keys only to authorized users
- Admin notifications (email and SMS) for unreturned keys
- Available in 3 cabinet sizes. Cabinet storage capacities are 32, 64, 96, 128, 160, 192, 224, 256, and 288.
- Three versions available: XT, iFob, and Hybrid
- Locks XT keys in place and keeps them charged and ready for use. (XT version)
- Identifies XT key serial number (XT version)
- Built-in 10" touchscreen and fingerprint reader
- Multi-factor verification/authentication includes biometric finger scan, PIN, and Prox Card.
- Audible and visual alarms to indicate trouble conditions
- Built-in camera for photo verification of removal or attempted removal.
- Comprehensive reporting & analytics
- Emergency Fob Release System
- Multi-System Networking
- Medeco high security mechanical lock for manual override
- Supports 2 and 3 factor authentication
- Options:
  - Mounting: Custom Stand holds 1 or 2 Standard or Mini cabinets to to securely hold the cabinets in place without having to mount them on a wall.
  - User authentication: A Multi-class reader is available for purchase or the customer can supply their own reader for installation. (A reader and test card must be provided to Medeco for testing before the cabinet is manufactured to ensure proper compatibility.

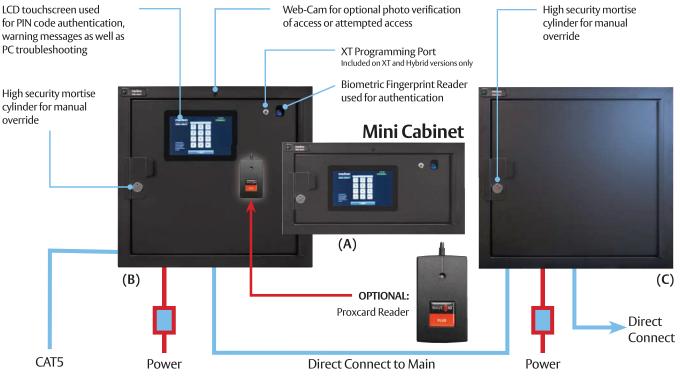




# Intelligent Key Cabinet (IKC)

## **Standard Cabinet**

#### Add-On Cabinet



#### **Scalability:**

The IKC system can grow as business needs grow by adding on additional secondary cabinets from 32-288 port sizes for iFob units and in a combination of technologies (iFob or XT).

- Each system requires one 'Main' touchscreen cabinet
- Add additional cabinets as needs require
- System can be any combination of 32 or 64 port cabinets
- 32 port cabinets support either XT or iFob ports
- 64 port cabinets support either all XT, all iFob, or a combination of 32 XT plus 32 iFob.
- Main and Secondary boxes can be configured with same technology or different
- Up to 7 Add-on units maximum (512 keys) for every Main unit

#### Large Cabinet:

- 46" H x 27" W x 11" D
- Weight: 290 pounds
- May require wall reinforcement for mounting
- 160 to 288 key positions
- Available as iFob Main or Add-On Cabinet

#### Mini Cabinet (Image A):

- Main Cabinet (Image A) 27" W x 14.72" H x 12" D
- Can be stand alone or connected to Add-on cabinet
- Technology Select All XT or All iFob
- Main and Add-on cabinets can be configured with same technology or different

#### Standard Cabinet (Image B):

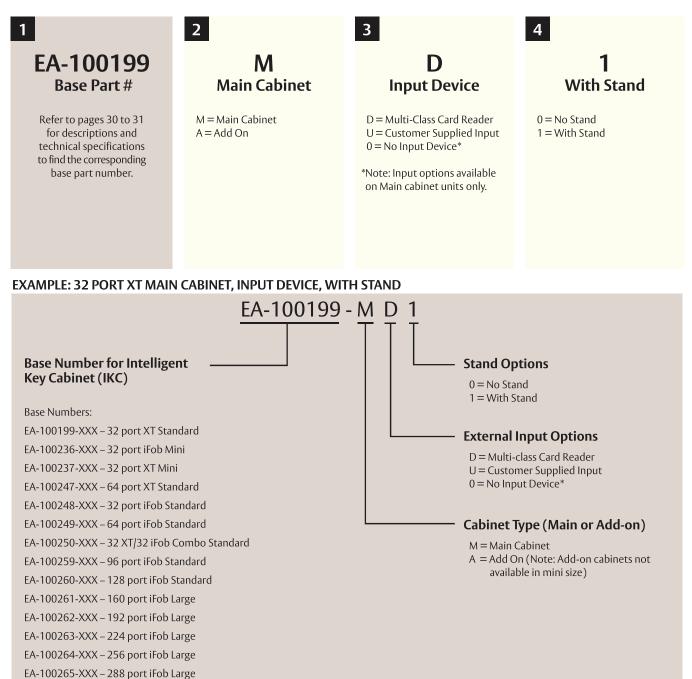
- Main Cabinet (Image B), 32 or 64 ports, 27" W x 25.25" H x 12" D
- Can be stand alone or connected to secondary cabinet
- Technology Select All XT, All iFob, or 32 XT plus 32 iFob
- Main and Add-on cabinets can be configured with same technology or different

#### Add-on Cabinet (Image C):

- Add-on Cabinet (Image C), 27"W x 25.25" H x 12"D
- Available with 32 or 64 ports
- 32 port option expandable to 64 with additional 32 port panel (sold separately)
- Must be connected to a Main cabinet

# Intelligent Key Cabinet (IKC)

#### How to Order:



# **Medeco X4 Architectural Product Specifications**

Cylinders shall be of the knob, rim, mortise, or interchangeable core type. All cylinder components (excluding tumbler pins) shall be constructed of machined extruded brass. All cylinders, cores and housings shall be available in all standard architectural finishes and shall match the cylinder housing and lock and door hardware. Further, cylinders and housings shall be plated, not scalped with the appropriate finish.

Cylinders to be of the 6- or 7-pin tumbler type, providing the maximum unique, non-interchangeable key combinations respectively. All cylinders shall incorporate two locking elements consisting of pin tumbler elevation and a slider mechanism. Further expansion of a master key system shall be available by use of additional multiplex keyways. Cylinders shall not lose any combinations due to MACs (maximum adjacent cut) loss.

All cylinders shall use a .150" space dimension between tumbler pin chambers and shall be capable of using industry-standard tumbler pins. Cylinder shall contain standard pins, a portion of which (both bottom and top pins) shall be spooled to resist pick attacks.

All non-I/C rim and mortise cylinders shall be so constructed to use threaded set screws, not staked covers or caps, to cover each individual tumbler pin chamber.

All cut keys, key blanks and cylinders (knob, rim, mortise, and interchangeable core-type) shall be so constructed to be capable of being keyed in the same system, allowing the convenience of one master key to operate all types of listed cylinders. Further, the key or key blank's tip shall be so constructed to correctly locate the bits of the key beneath the proper chamber of an interchangeable core cylinder by locating against a key stop on the rear core. Additionally, the key or key blank's shoulder shall serve as a stop to correctly locate the bits of the key beneath the proper cylinders by locating against the front face of the cylinder. The key blank thickness should be no less than .093" (ninety-three thousandths).

All cut keys and key blanks shall be utility patented and controlled by a contract between the end user and the manufacturer. Key blanks for this project shall be delivered directly from the factory to the end user unless otherwise requested in writing by the end user.

All keys must be capable of being configured to allow an upgrade to a dual mechanical/electronic credential by the simple exchange of a field-removable key bow.

The key shall incorporate the capacity to include eight possible side bittings along the key blade, located on two different planes or surfaces of the key.

All key blanks shall be custom coined with the end user's name or other unique identification mark. All cut keys and key blanks are to be constructed from nickel silver.

All keys shall be capable of being cut by a punch machine that originates the exact cut in the key from the code sheet, instead of using patterns.

Cylinders shall be immediately rekeyable to new combinations or a new system at any time desired and shall be serviceable on location in the field. Installation of the cylinders shall require no modifications to U.S. manufactured commercial-grade locksets.

The locking system established for this project shall be proprietary, and the owner will furnish the manufacturer a list of those persons and their signatures that will be authorized and required to order additional pinned materials or duplicate keys. Orders not bearing authorized signatures will not be filled.

All cylinders, cores, housings, keys and key blanks shall be made in the USA.

# L-1209 Keymark Hardware List - Purchase Only

1. This hardware list is based on take-offs of the door and hardware lists.

Prepared by: Matthew Slayter Complete Security, Inc. San Francisco, CA

# L-1209 Keymark Hardware List - Purchase Only

Manufacturer         Part Number         Substitution         Description         Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>			Are		
AcceptableAcceptable $VKC-32301-N-26-XXX-M$ NoCorbin/Russwin 6 Pin Full Size Interchangeable Core, Brushed Chrome, Proprietary End User X4 Keymark Keyway, Visual Key $VKC-32301-N-26-XXX-M$ NoControl with Serial Number on Core Face per List $KYB-32X900-XXX-99$ NoKey Blank. Proprietary End User Restricted X4 Keymark Keyway, Serial Numbered per List $CN - Dies$ NoKey Blank. Proprietary End User Restricted X4 Keymark Keyway, Serial Numbered per List $VK-32300-XXX-99$ NoKey Blank. Proprietary End User Restricted X4 Keymark Keyway, Serial Numbered per List $VK-4001$ NoMedeco/Keymark Restricted X4 Key Punch Machine $K-4001$ NoMedeco/Keymark Restricted X4 Cores $K-4001$ NoMedeco/Keymark Pin Kit for Restricted X4 Cores $K-4001$ NoNo $K-4011$ No $K-40111$ No	Manufacturer	Part Number	Substitution	Description	Order
VKC-322301-N-26-XXX-M         Corbin/Russwin 6 Pin Full Size Interchangeable Core, Brushed Chrome, Proprietary Fnd User X4 Keymark Keyway, Visual Key           VKC-322301-N-26-XXX-99         No         Control with Serial Number on Core Face per List           KYB-32X900-XXX-99         No         Key Blank - Proprietary End User Restricted X4 Keymark Keyway, Serial Numbered per List           No         Key Blank - Proprietary End User Restricted X4 Key Punch Machine         No           95-001100         No         Readord Key Blank Coining Die         No           N-4001         No         Medeco/Keymark Restricted X4 Key Punch Machine         No           K-4001         No         Medeco/Keymark Restricted X4 Cores         No           No         Medeco/Keymark Restricted X4 Cores         No         No           K-202300         No         Medeco/Keymark Restricted X4         No           No         No         Medeco/Keymark Restricted X4         No           No         No         No         No         No           No         No         No         No         No           No         No         No         No         No         No           No         No         No         No         No         No         No           No         No <th></th> <th></th> <th>Acceptable</th> <th></th> <th>Quantity</th>			Acceptable		Quantity
WYC-2250LTW-200XM-10         No         Control with Serial Number on Core Face per List         Accession         Accession         No         Control with Serial Number of Core Face per List         Accession         Accession         No         Standard Key Blank - Proprietary End User Restricted X4 Keywary, Serial Numbered per List         Accession         Accession <td>Modoco // cumark</td> <td>M AAA 96 N LUECCE JAAA</td> <td></td> <td>corbin/Russwin 6 Pin Full Size Interchangeable Core, Brushed Chrome, Proprietary End User X4 Keymark Keyway, Visual Key</td> <td></td>	Modoco // cumark	M AAA 96 N LUECCE JAAA		corbin/Russwin 6 Pin Full Size Interchangeable Core, Brushed Chrome, Proprietary End User X4 Keymark Keyway, Visual Key	
(KYB-32X900-XXX-99)         No         key Blank - Proprietary End User Restricted X4 Keymark Keyway, Serial Numbered per List         (KYB-32X900-XXX-99)         No         key Blank - Proprietary End User Restricted X4 Keymark Keyway, Serial Numbered per List         (KYB-32X900-XXX-90)         No         Standard Key Blank Coining Die         (Keymark Restricted X4 Key Punch Machine         (Keymark Restricted X4 Cores)         (Keymark Restricted X4 Cores)         (Keymark Restricted X4 Cores)         (Keymark Restricted X4         (Keymark Restriced X4	ivieueco/ veyinark		No	control with Serial Number on Core Face per List	2127
CN - Dies         No           95-001100         No           K-4001         No           K-4001         No           K-2001         No           CP-285500         No           CP-282500         No           CP-282500         No           PX-KUUBE-11         No           EA-100260-MD0         No           SW-500141         No           SW-500142         No	Medeco/Keymark	66-XXX-006X2E-8AX	oN	cey Blank - Proprietary End User Restricted X4 Keymark Keyway, Serial Numbered per List	2000
95-001100         No           K-4001         No           K-4001         No           CP-286350         No           CP-282500         No           CP-282530         No           CP-282530         No           CP-282530         No           CP-282540         No           CP-282540         No           CP-282540         No           SW-50141         No           SW-500141         No           EA-300242         No	Medeco/Keymark	CN - Dies	oN	standard Key Blank Coining Die	1
K-4001         No           CP-286350         No           CP-286350         No           CP-282540         No           CP-282530         No           CP-282540         No           F2-282540         No           F2-282540         No           F2-282540         No           F2-282540         No           F2-282540         No           F2-282540         No           F2-30240         No           F3-30242         No           F3-30242         No	Medeco/Keymark	95-001100	oN	Aedeco/Keymark Restricted X4 Key Punch Machine	1
CP-286350         No           CP-282500         No           CP-282540         No           CP-282540         No           PX-KYLUBE-11         No           SW-500141         No           SW-500142         No           EA-300242         No	Medeco/Keymark	K-4001	oN	Aedeco/Keymark Pin Kit for Restricted X4 Cores	1
CP-282500         No           CP-282530         No           CP-282540         No           PX-KYLUBE-11         No           EA-100260-MD0         No           SW-500141         No           EA-300242         No	Medeco/Keymark	CP-286350	oN	(ey Decoder - Restricted X4	2
CP-282530         No           CP-282540         No           PX-KYLUBE-11         No           EA-100260-MD0         No           SW-500141         No           EA-300242         No	Medeco/Keymark	CP-282500	oN	nterchangeable Core Pinning Block	2
CP-282540         No           PX-KYLUBE-11         No           EA-100260-MD0         No           SW-500141         No           EA-300242         No	Medeco/Keymark	CP-282530	oN	nterchangeable Core Pin Ejector	2
PX-KYLUBE-11         No           EA-100260-MD0         No           SW-500141         No           EA-300242         No	Medeco/Keymark	CP-282540	No	nterchangeable Core Hand Capping Punch	2
EA-100260-MD0         No           SW-500141         No           EA-300242         No	Medeco/Keymark	PX-KYLUBE-11	oN	i uid Film Lock Lubricant	4
SW-500141         No           EA-300242         No	Medeco/Keymark	EA-100260-MID0	oN	ntelligent Key Cabinet - Main Cabinet holds 128 Rings	1
EA-300242 No	Medeco/Keymark	SW-500141	No	ntelligent Key Cabinet Software	1
	Medeco/Keymark	EA-300242	No	ntelligent Key Cabinet - iFob	5

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## HANDGUN SECURITY



	PS1210HD	PS1210EZ	PB3	HAS410
	BEST	BETTER	GOOD	BEST
Туре	Portable	Portable	Portable	Hide-a-Safe
Exterior Dimension	10.25" x 12.5" x 4.25"	10.25" x 12.5" x 4.25"	12" x 8" x 4"	12" x 10" x 4"
Weight	24 Lbs.	13 Lbs.	10 Lbs.	24 Lbs.
Body	10 ga. Solid Steel	14 ga. Solid Steel	16 ga. Solid Steel	10 ga. Solid Steel
Door	3/16" Solid Steel	14 ga. Solid Steel	16 ga. Solid Steel	3/16" Solid Steel
Lock	Simplex Mechanical Push Button	Simplex Mechanical Push Button	E-Lock (4) AA Batteries)	Simplex Mechanical Push Button
Locking Bolt	1.5" x .5" Solid Steel Block	1.5" x .5" Solid Steel Block	.32" Round Solid Steel	1.5" x .5" Solid Steel Block
Lock Protection	Solid Steel Lock Housing	Solid Steel Lock Housing	N/A	Solid Steel Lock Housing
Interior	High Density Pluck Foam	High Density Pluck Foam	High Density Foam	High Density Pluck Foam
Finish	Granite Textured	Charcoal Gray	Deep Blue Textured	Charcoal Gray
Carry Handle	Chrome Plated Collapsible	Chrome Plated Collapsible	Chrome Plated Collapsible	Solid Steel Fixed
Anchor Holes	Four	Four	Two	Four (Top & Bottom)
Origin	Made in the USA	China	China	China



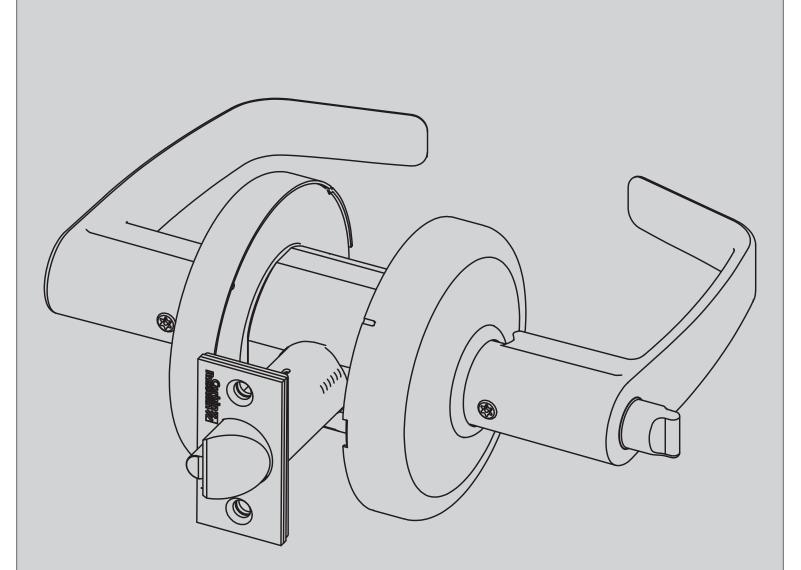


#### IRC412 Drawer Safe Safe Features

Heavy-duty steel construction offers excellent burglary protection Motorized locking system LED display 4- to 6-digit combination, standard hotel room configuration Fits in a drawer and only requires 5" clearance Spacious interior can fit tablets and compact laptop computers

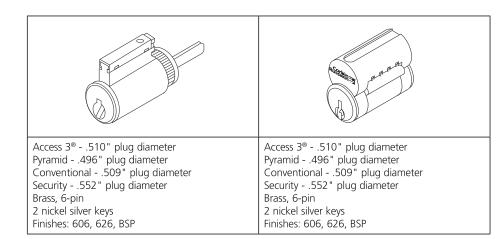


Lever Lockset Parts Manual



Experience a safer and more open world

## Cylinders



Security Type	Pins	Standard Cylinder	Interchangeable Core
Conventional	6-Pin	CR2000-031 (standard)	CR8000
Conventional	7-Pin	CR2000-031-7	CR8000-7
United	6-Pin	CR2001-031	CR8001-031
Hotel	7-Pin	CR2001-031-7	CR8001-031-7
Security	6-Pin	CR2010-031	CR8010
Pyramid - High Security	7-Pin	CR2020-031	CR8020
Pyramid - Security	7-Pin	CR2027-031	CR8027
Access 3 - Patented (AP)	6-Pin	CR2500-031	CR8500
Access 3 - Security (AS)	6-Pin	CR2600-031	CR8600
Access 3 - High Security (AHS)	6-Pin	CR2700-031	CR8700
Access 3 - AP (Hotel Function)	6-Pin	CR2501-031	N/A
Access 3 - AS (Hotel Function)	6-Pin	CR2601-031	N/A
Access 3 - AHS (Hotel Function)	6-Pin	CR2701-031	N/A
Schlage <sup>®</sup> C Keyway (0-Bitted)	6-Pin	CR2400-031-C	NA
Sargent <sup>®</sup> LA Keyway (0-Bitted)	6-Pin	CR2400-031-LA	NA
Schlage <sup>®</sup> C Keyway (Keyed Random)	6-Pin	CR2400-031-C-KR	NA

To order cylinders separately, specify Part No. x Keyway x Finish (e.g., CR2000-031 x L4 x 626).

Compatibility with Competitive Cylinders/Cores						
Manufacturer	Cylinder Type	Tailpiece Kit	Option Code with Lock	Description		
All	SFIC	780F658	M08	For all SFIC 6 and 7 pin cores. Option code with lock includes special lever, spacers and tailpiece.		
Sargent	Fixed Core	775F948	M09	For Sargent 6 pin cylinders (13-4145). Option code with lock include special lever and tailpiece.		
Schlage <sup>®</sup>	Fixed Core	778F788	M06	For Schlage 6 pin conventional cylinders (21-002, 23-001 or 23-013) or Schlage Primus cylinders (20-548, 20-550, 20-748 or 20-750). Option code with lock includes tailpiece.		
Schlage®	LFIC	780F662	M69	For Schlage 6 pin large format interchangeable cores. Option code with lock includes special lever, retaining ring and tailpiece.		
Yale®	Fixed Core	778F759 (spacer)	YC	For Yale 6 pin fixed core cylinders 1803-54L, 5803-54L and K403-54L. Option code with lock includes spacer.		
Yale®	Fixed Core	N/A	YC7	For Yale 7 pin fixed core cylinders 1803A-54L, 5803A-54L and K403A-54L.		
Yale®	LFIC	774F878	YRC	For Yale 6 pin LFIC 1210, 5210, K800-6. Option code with lock includes tailpiece.		
Yale®	LFIC	774F888	YRC7	For Yale 7 pin LFIC 1220, 5220, K800-7. Option code with lock includes tailpiece.		

Miscellaneous						
Item	Part Number	Description				
Corbin Russwin LFIC Tailpiece Kit	780F648	Kit includes driver, spacer, and security disc for LFIC 6 & 7 pin.				

The warranty on Corbin Russwin products becomes void if the product is modified in any way, regardless of whether the modifications causes or contributes to any alleged defect. If a Corbin Russwin product is modified it may no longer meet industry certification and quality control standards applicable to the original product and is no longer a genuine Corbin Russwin product.

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45245-09/22





The CL3100 Series is an ANSI/BHMA Grade 1 lever lockset manufactured with the highest quality materials to ensure strength, durability, and quiet operation. Available in all standard architectural finishes, the CL3100 Series subtly complements any high-use commercial, industrial and institutional application. Plus, designed to withstand abusive environments, the CL3100 Series features our unique torque-resistant T-Zone construction and provides strength and durability far exceeding the ANSI/BHMA Grade 1 standards.

Function	Entrance or Office (F109)	
Lever	NZ Lever	
Rose	D Rose	6
Finish	Satin chromium plated over nickel (626)	
Options	CL6 LFIC 6-Pin Less Core	
	B234 2-3/4" (70mm)	

Please note that some options are not available with all functions. Please confirm with Corbin Russwin technical support at 1-800-543-3658.



Notes

CL3151 NZD 626 CL6 B234

Inner view

**Outer view** 





Please note that some options are not available with all functions. Please confirm with Corbin Russwin technical support at 1-800-543-3658.

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Function	Classroom (F84)	
Lever	NZ Lever	
Rose	D Rose	
Finish	Satin chromium plated over nickel (626)	
Options	CL6 LFIC 6-Pin Less Core	
	B234 2-3/4" (70mm)	

Please note that some options are not available with all functions. Please confirm with Corbin Russwin technical support at 1-800-543-3658.



Notes

CL3155 NZD 626 CL6 B234

Please note that some options are not available with all functions. Please confirm with Corbin Russwin technical support at 1-800-543-3658.

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Function	Storeroom or Closet (F86)	
Lever	NZ Lever	
Rose	D Rose	6
Finish	Satin chromium plated over nickel (626)	
Options	CL6 LFIC 6-Pin Less Core B234 2-3/4" (70mm)	

Please note that some options are not available with all functions. Please confirm with Corbin Russwin technical support at 1-800-543-3658.



Notes

CL3157 NZD 626 CL6 B234

Inner view

**Outer view** 





Please note that some options are not available with all functions. Please confirm with Corbin Russwin technical support at 1-800-543-3658.

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# Padlocks & Deadlocks







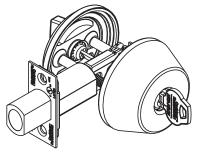
# Product Catalog

Experience a safer and more open world

# DL2200/DL3200 Series

## Deadlocks

#### **Features**



Handing Non-handed.

Door Thickness Standard: 1-3/4" (44mm). Optional door thicknesses available; see Quick Codes.

Backset Standard: 2-3/4" (70mm) Optional: 2-3/8" (60mm)

Inside

ONLY

Front Standard: brass or stainless steel, 2-1/4" (57mm) x 1-1/8" (29mm). Optional: 1" width; see Quick Codes.

Series/

Function

DL2213

DL3213

DL2212

DL3212

DL2217

DL3217

DL2211

DL3211

DL2260

DL3260

DL2261

#### **Functions** Outside

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**Deadbolt** 1" throw, solid steel deadbolt with hardened, free spinning, steel pin insert.

Strike Standard; 2-3/4" (70mm) x 1-1/8" (29mm). Optional strikes and wrought boxes available; see Strikes, this page.

Cylinder Standard: brass, 6-pin, L4 keyway, 0-bitted. Security cylinder optional; see Quick Codes.

**Kevs** Two nickel silver standard.

Keying Features Available Master keying Construction master keying Security

Visual key control Concealed key control

ANSI

No.

E0150

Series

E0140

Series

E0170

Series

E0160

Series

E0190

Series

E01112

Туре

Single

Cylinder

Double

Cylinder

Classroom

Cylinder

x Blank

Thumbturn

x Blank

Thumbturn

x Indicator

Warranty One-year limited.

**Function Description** 

- By key outside and by

thumbturn inside.

- By key either side.

- By key outside and by

- Thumbturn will retract but not

- By key one side only; opposite

- By thumbturn one side only;

opposite side blank.

- By thumbturn inside,

emergency override key

Indicator standard for both

sides, specify indicator option

thumbturn inside.

project deadbolt.

side blank.

outside.

code.

#### **Certification/Compliance**

#### UL

UL10B/UL10C Fire Rated Auxiliary Lock for A label and lesser class doors when used with a correspondingly rated primary latching device.

#### ANSI/BHMA

DL2200 - A156.36 Certified Grade 2 BHMA DL3200 - A156.36 Certified Grade 1

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

#### **Strikes**



#### **Metal Frame Strike**

Standard 2-3/4" (70mm) x 1-1/8" (29mm). To order separately, specify 781F568 x Finish



#### Wood Frame Strike

Standard 2-3/4" (70mm) x 1-1/8" (29mm). To order separately, specify 781F558 x Finish.

#### Strike Box



Standard with standard strikes. To order separately, specify 781F599.

#### **ANSI Strike**



Optional; see Quick Codes. To order separately, specify 423L71 x Finish.

#### **ANSI Wrought Strike Box**

Optional for use with ANSI strike; see Quick Codes. To order separately, specify 120F768.

Experience a safer and more open world Padlocks & Deadlocks.5

Russwin ASSA ABLOY

# DL2200/DL3200 Series

Deadlocks

## **Ordering Examples**

#### **Stock Order**

Stock Order			Contract/Detailed Order					
Quantity	Series/Function	Finish	Quantity	Keyset	Series/Function	Finish	Strike	Options
24	DL2213	626	24	AA1	DL2213	626	SS078	HS-CKC2

## Cylinders

#### Cylinder Only (less housing)

ymuer	only (less nou:	, ing,		nousing
Function	Part Number	Cylinder Type	Door Thickness	Function
	CR4400-134-A51	6-Pin Conventional		C
	CR4400-134-A51-7	7-Pin Conventional		C
	CR4410-134-A51	Security	1-3/8" (35mm)	11,13,17
11 12 17	CR4420-134-A51	Pyramid High Security	1-3/4" (44mm)	C
11,13,17	CR4427-134-A51	Pyramid Security	2" (51mm) 2-1/4" (57mm)	
	CR4500-134-A51	Access 3 <sup>®</sup> Patented 2-1/4" (57		C
	CR4600-134-A51 Access 3 <sup>®</sup> Security	C		
	CR4700-134-A51	Access 3 <sup>®</sup> High Security		C
	CR4400-134-A52	6-Pin Conventional		C
	CR4400-134-A52-7	7-Pin Conventional		C
12	CR4410-134-A52	Security		12
	CR4420-134-A52	Pyramid High Security	1-3/8" (35mm)	12 (
	CR4427-134-A52	Pyramid Security	1-3/4" (44mm)	C
	CR4500-134-A52	Access 3 <sup>®</sup> Patented (AP)		C
	CR4600-134-A52	Access 3 <sup>®</sup> Security (AS)		C
	CR4700-134-A52	Access 3 <sup>®</sup> High Security (AHS)		C
	CR4400-214-A52	6-Pin Conventional		C
	CR4400-214-A52-7	7-Pin Conventional		(*) Specify "OS
	CR4410-214-A52	Security		(*) specify Os
	CR4420-214-A52	Pyramid High Security	2" (51mm)	
	CR4427-214-A52	Pyramid Security	2-1/4" (57mm)	
	CR4500-214-A52	Access 3 <sup>®</sup> Patented (AP)		
	CR4600-214-A52	Access 3 <sup>®</sup> Security (AS)		
	CR4700-214-A52	Access 3 High Security (AHS)		
	CR8000	6-Pin LFIC		
11,12, 13,17	CR8000-7	7-Pin LFIC	See the Housing Assembly	
	CR8010	Security LFIC	for Interchangeable	
	CR8020	Pyramid High Security LFIC	Core	
	CR8027	Pyramid Security LFIC	Cylinder chart below.	
	CR8200	6-pin SFIC		
	Chozoo			
	CR8200-7	7-pin SFIC		
	CR8200-7	7-pin SFIC		

#### Housing Assembly - Interchangeable Core Cylinder

Function	Part Number	Accepts Core	Door Thickness		
	CR4440-134-A51	6 & 7 Pin SFIC			
	CR4470-134-A51	6-Pin LFIC	1-3/8" (35mm)		
11,13,17	CR4470-134-A51-7	7-Pin LFIC	1-3/4" (44mm) 2" (51mm) 2-1/4" (57mm)		
	CR4440-138-A52-XX (*)	6 & 7 Pin SFIC			
	CR4470-138-A52-XX	6-Pin LFIC	1-3/8" (35mm)		
	CR4470-138-A52-7-XX	7-Pin LFIC			
	CR4440-134-A52-XX	6 & 7 Pin SFIC			
	CR4470-134-A52-XX	6-Pin LFIC	1-3/4" (44mm)		
12	CR4470-134-A52-7-XX	7-Pin LFIC			
12	CR4440-200-A52-XX	6 & 7 Pin SFIC			
	CR4470-200-A52-XX	6-Pin LFIC	2" (51mm)		
	CR4470-200-A52-7-XX	7-Pin LFIC			
	CR4440-214-A52-XX	6 & 7 Pin SFIC			
	CR4470-214-A52-XX	6-Pin LFIC	2-1/4" (57mm)		
	CR4470-214-A52-7-XX	7-Pin LFIC			

DS" for outside of door or "IS" for inside of door.

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ASSA ABLOY

# DL2200/DL3200 Series

## Deadlocks

## **Quick Codes**

#### **Cylinder and Keying**

Description	Specify
Conventional 6-pin	(standard)
Less Cylinder(s)	LC
Conventional 7-pin	7P
LFIC	
LFIC 6-pin	C6
LFIC 6-pin Less Core	CL6
LFIC 6-pin with Temporary Disposable Core	CT6D
LFIC 6-pin with Temporary Construction Core (Red)	CT6R
LFIC 6-pin with Temporary Construction Core (Blue)	CT6B
LFIC 6-pin with Temporary Construction Core (Green)	CT6G
LFIC 7-pin	C7
LFIC 7-pin Less Core	CL7
LFIC 7-pin with Temporary Disposable Core	CT7D
LFIC 7-pin with Temporary Construction Core (Red)	CT7R
LFIC 7-pin with Temporary Construction Core (Blue)	CT7B
LFIC 7-pin with Temporary Construction Core (Green)	CT7G
SFIC	
SFIC 6-pin	C6S
SFIC 6-pin Less Core	CLS6
SFIC 6-pin with Temporary Construction Core (Blue)	CT6SB
SFIC 7-pin	C7S
SFIC 7-pin Less Core	CLS7
SFIC 7-pin with Temporary Construction Core (Blue)	CT7SB
SFIC 6- or 7-pin Small Format Disposable Core	CTSD
Security	-
Security	HS
Security LFIC	CHS
Access 3®	
Access 3 <sup>®</sup> Patented Fixed Core	AP
Access 3 <sup>®</sup> Security Fixed Core	AS
Access 3 <sup>®</sup> High Security Fixed Core	AHS
Access 3 <sup>®</sup> Patented LFIC	ACP
Access 3 <sup>®</sup> Security LFIC	ACS
Access 3 <sup>®</sup> High Security LFIC	ACHS
Pyramid	
Pyramid High Security Fixed Core	PHS
Pyramid High Security LFIC	PCHS
Pyramid Security Fixed Core	PS
Pyramid Security LFIC	PCS
Keying and Keys	
0-bitted with 2 blank keys	(standard)
Keyed Random	KR
Construction Master Keyed (not available for Pyramid & Security cylinders)	СМК
2 keys per lock	(standard)
More than 2 keys (e.g., KY6)	KY#
Visual key control (VKC)	
Keys only	VKC1
Cylinders and keys (not for AS, AHS, ACS, ACHS, HS, CHS, PHS or PCHS)	VKC2
Cylinders only (not for AS, AHS, ACS, ACHS, HS, CHS, PHS or PCHS)	VKC3
Concealed key control (CKC)	
CKC cylinders and VKC keys	CKC2
CKC cylinders only (not for AS, AHS, ACS, ACHS, PHS, PCHS)	СКС3

Strike	
Lip to Center	ANSI Straight Lip Specify
7/8" (22mm)	SS078
1-1/8" (29mm)	SS118
1-1/4" (32mm)	SS114
1-3/8" (35mm)	SS138
1-1/2" (38mm)	SS112
1-3/4" (44mm)	SS134
2" (51mm)	SS200
2-1/4" (57mm)	SS214
2-1/2" (64mm)	SS212
2-3/4" (70mm)	SS234
3" (76mm)	SS300

#### Finish

	Description	Specify
US3	Bright Brass	605
US4	Satin Brass	606
US10	Satin Bronze	612
US10B	Dark Oxidized Satin Bronze, oil rubbed	613
US10BE	Dark Oxidized Satin Bronze - equivalent	613E
US26	Bright Chromium Plated	625
US26D	Satin Chromium Plated	626
	Black Suede Powder Coat	BSP
	White Suede Powder Coat	WSP

#### Lock/Cylinder Finish

Lock	Cylinder/Core*
605,606, 612,613,613E	606
625,626,WSP	626
BSP	BSP

\*Finish when cylinder provided with lock

#### **Door Thickness**

Description	Specify
1-3/8" (35mm)	D138
1-3/4" (44mm)	(standard)
2" (51mm)	D200**
2-1/4" (57mm)	D214**

\*\* Special application required for use with DL2261, contact Technical Product Support

#### **Miscellaneous Options**

•	
Description	Specify
ANSI wrought strike box	M17
Plastic box for standard strike	(standard)

#### **Bolt Assembly**

I

Description	Part No.	Specify					
2-3/8" (60mm) Backset	781F528	B238					
2-3/4" (70mm) Backset	781F538	(standard)					
Front Trim Plates							
1" (25mm) Wide	781F50M x Finish	M14					
1-1/8" (29mm) Wide	781F51M x Finish	(standard)					

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# Key Systems





# Product Catalog

Experience a safer and more open world

Corbin 77 Russwin 77 ASSA ABLOY

## How to Order

# Interchangeable Core

# Key Systems

#### Interchangeable Core Mortise

	CR10 8	0 –	114 – A01	- 6	5 – I	_4 _	x	Finish	x	Option
Core	Function	Length	Cam		Pins	Keyway	Finish*			
<ol> <li>Pyramid</li> <li>SFIC Housing Only (No Core)</li> <li>IC complete cylinder (LFIC)</li> <li>Security (6-Pin only)</li> <li>LFIC Housing only (no core)</li> </ol>	0 Standard 1 Uses - E1suffix	114         1-1/4"           138         1-3/8"           112         1-1/2"           134         1-3/4"           200         2"           214         2-1/4"           212         2-1/2"	(see page 40) A01 Cloverleaf A02 Straight A03 Adams Rite® MS a DL3000 Deadlock A04 DL4000 A05 Adams Rite 4070 A06 Schlage® Cloverlead A07 DL4100 A62 MR Straight / CR9 Series Mullion A92 Exit GripTrim 01 & A93 Obsolete deadloch Corbin® 610 Serie Russwin® 1403 Se	f 100 & 02 <s: s and</s: 		(see pages 31-39)	605 606 611 612 613 613E 622 625 626 629 630 722 BSP WSP	CT6R IC CT6B IC CT6G IC CT7G IC CT7R IC CT7R IC CT7G IC CT7G IC CT7D 7- CT7D 7- CTP Py CT9D Py CT6SD 6-	nporary Co 6-pin with mporary con- ore (Red) 6-pin with tr onstruction cc 6-pin with tr onstruction cc 7-pin LFIC Disp pin LFIC Disp pin SFIC Disp pin SFIC Disp pin SFIC Disp	struction emporary ore (Blue) emporary ore (Green) emporary ore (Rlue) emporary ore (Blue) emporary ore (Green) osable osable isposable

#### Interchangeable Core Rim

	G	CR30 8 0	- 178	-	6 –	- L4 x	Finish	x Option
Core	Function	Tailpiece Length	Pins	Keyway	Finish*		Temporary Co	pre
<ol> <li>Pyramid</li> <li>SFIC Housing Only (No Core)</li> <li>IC complete cylinder (LFIC)</li> <li>Security (6-Pin only)</li> <li>Housing only (no core)</li> </ol>	0 Standard 7 Pyramid Security	058 5/8" 114 1-1/4" M61 & M62 option for ED8200 and obsolete ED9200 exit device alarms 178 1-7/8" (std. door) 178V 1-7/8" (vertical tailpiece 318 3-1/8" (thick door) Tailpiece Orientation std Horizontal V Vertical (Not Available for 114 length)	6 (standard) 7	(see pages 31-39)	605 606 611 612 625 625 626 629 630 722 BSP WSP	CT6B         IC 6-pin wi           CT6G         IC 6-pin wi           CT7R         IC 7-pin wi           CT7B         IC 7-pin wi           CT7G         IC 7-pin wi           CT7G         IC 7-pin wi           CT7G         IC 7-pin wi           CT7G         IC 7-pin wi           CT7D         6-pin LFIC I           CT7D         7-pin wi           CT6D         6-pin LFIC I           CT7P         Pyramid LFI	th temporary cor th temporary cor th temporary cor th temporary cor th temporary cor Disposable Disposable C C Disposable Disposable	struction core (Red) struction core (Blue) istruction core (Green) istruction core (Red) istruction core (Blue) istruction core (Green)

\*All plugs and shells for LFIC cylinders are provided in 606 or 626. Housings are provided in the finish of the lock hardware order

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Corbin 72 Russwin 72 ASSA ABLOY

# Collars and Master Ring Adapter

Cylinder Accessories

# Key Systems

## Standard Collars<sup>+</sup>

Spring		
	253F97	.150" (5/32")
	249F43	.096" (3/32")
	549F51	
	549F51	.156" (5/32") - Ring only
	549F52	.219" (7/32") - Ring Only
$\bigcirc$	605F43	.350" (11/32")
00	428F66	Packet: 549F52 + 253F97
	429F43	Packet: 549F51 + 249F43
Solid, Recessed for	Cylinder Hea	d
$\bigcirc$	700F53	.090 " (3/32 ") VR trim, double cylinder 1-1/4 "
$\bigcirc$	261F54	.094 "(3/32 ") x 2-1/4 "(O.D. for ED6000 with T5, T6, T9, T9M, T10, T10M, T11M trim
	270F15	.156" (5/32"); total projection 9/32"
	598F89*	.156" (5/32"); total projection 9/32"
	447F41*	.031" (1/32"); total projection 1/4"
( ( ) )	447F42*	.172" (11/64"); total projection 25/64"
	610FO1*	.221" (7/32"); total projection 7/16"
	610F02*	.289" (9/32"); total projection 1/2"
	654F07	.350" (11/32"); total projection 15/32"
	447F43*	.375" (3/8"); total projection 19/32"
$( \bigcirc )$	609F36*	.500" (1/2"); total projection 23/32"
	609F37*	.650" (21/32"); total projection 7/8"
	609F38*	.850" (27/32"); total projection 1-1/16"
	134F05	.510" (1/2") for ED6800 x B5 or G6 and all ED7400, ED7800 with 1-1/8" cylinder
$(\bigcirc$	267F97	.635" (5/8") for ED6800 x O1 or O2 with 1-1/8" and ED6800 x B5 or G6 and all ED7400, ED7800 with 1-1/4" cylinder
	399F48	.750" (3/4") for ED6800 x O1 or O2 with 1-1/4" cylinder
$\bigcirc$	654F08	.550" (9/16"); total projection 11/16"

Spacers for Flexible Head Cylinders						
(1)	370F29	.125" (1/8")				
(())	370F31	.250" (1/4")				
V.	252F82	.315" (5/16")				
Other Solid Collars						
	416F39*	.172" (11/64") security collar; total projection 13/32"				
	686F98*	.172" (11/64") security collar; total projection 13/32" (3 wave washers)				
$\bigcirc$	303F25	.312" (5/16") for 1-1/8" cylinder on aluminum door				
Miscellaneous						
$\bigcirc$	255F53	Rim cylinder, flush mount				
$\bigcirc$	422F88	Rim cylinder, surface mount				
0	197F34	Wave washer				

#### \* Number includes wave washer in packet

+ Refer to corresponding parts and service manuals for correct cylinder collar applications and selection guide

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# WRAP-AROUND PLATES

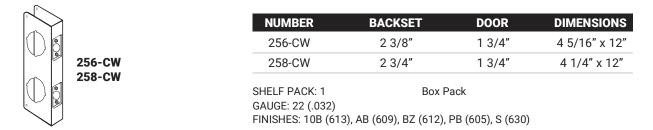
PHONE: 978.422.3377 FAX: 978.422.3467 Toll Free: 800.628.8389 Toll Free Fax: 800.278.8202 www.don-jo.com info@don-jo.com Section F, Version 2

( ) ) )



## For DOUBLE LOCK COMBINATION LOCKSETS

with 2 1/8" holes with 5 1/2" centers



## For DOUBLE LOCK COMBINATION LOCKSETS with 6" centers



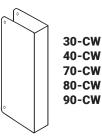


946-CW hole sizes 2 1/8" over 2 1/8"

NUMBER	BACKSET	DOOR	DIMENSIONS
486-CW	2 3/4"	1 3/4"	4 1/2" x 12"
946-CW	2 3/4"	1 3/4"	4 1/2" x 12"

SHELF PACK: 1 Box Pack GAUGE: 22 (.032) FINISHES: 10B (613), PB (605), S (630)

# **BLANK WRAP-AROUND** with TRIM SCREWS

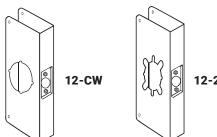


NUMBER	DOOR	DIMENSIONS
30-CW	1 3/8"	4 1/4" x 9"
40-CW	1 3/4"	4 1/4" x 9"
70-CW	1 3/8"	4 1/4" x 4 1/2"
80-CW	1 3/4"	4 1/4" x 4 1/2"
90-CW	1 3/4"	5" x 12"

SHELF PACK: 1 Gauge: 22 (.032) FINISHES: 10B (613), AB (609), BZ (612), PB (605), S (630)

Box Size: 5 1/4" x 4 1/2" and 4 1/2" x 9 3/4" CW comes box packaged as standard 90-CW Box Pack Only

## For CYLINDRICAL DOOR LOCKS with 2 1/8" hole, 12" height

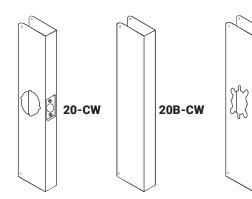


	$\geq$	
° L	60.	12-2-CW

NUMBER	BACKSET	DOOR	DIMENSIONS
12-CW	2 3/4"	1 3/4"	5 1/8" x 12"
12-2-CW	2 3/4"	1 3/4"	5 1/8" x 12"

SHELF PACK: 1 Box Pack GAUGE: 22 (.032) FINISHES: 10B (613), PB (605), S (630)

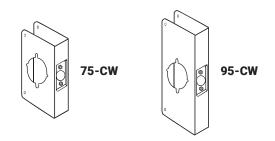
# 20" WRAP-AROUND



	NUMBER	BACKSET	DOOR	DIMENSIONS
	20-CW	2 3/4"	1 3/4"	5" x 20"
	20B-CW	_	1 3/4"	5" x 20"
	20C-CW	2 3/8"	1 3/4"	5" x 20"
CW	20-2-CW	2 3/4"	1 3/4"	5 1/8" x 20"

SHELF PACK: 1 Box Pack GAUGE: 22 (.032) FEATURES: Non-handed FINISHES: 10B (613), PB (605), S (630)

# For installing the **MARKS LEVERS**



NUMBER	BACKSET	DOOR	DIMENSIONS
75-CW	2 3/4"	1 3/4"	4 3/4" x 5 1/2"
95-CW	2 3/4"	1 3/4"	4 3/4" x 9"
SHELF PACK: 1	Box Pack		

GAUGE: 22 (.032)

FINISHES: 10B (613), AB (609), BZ (612), PB (605), S (630)

## For installing the **BEST & SARGENT LEVER LOCKS**

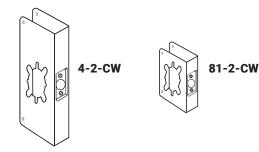
20-2-





NUMBER	BACKSET	DOOR	DIMENSIONS
5K-CW	2 3/4"	1 3/4"	4 3/4" x 5 1/2"
9K-CW	2 3/4"	1 3/4"	4 3/4" x 9"
SHELF PACK: 1 GAUGE: 22 (.032)	Box Pack		
FINISHES: 10B (613	), AB (609), BZ (612), I	PB (605), S (630)	

## For use with **HEAVY DUTY GRADE 1 & GRADE 2** key-in-levers



NUMBER	BACKSET	DOOR	DIMENSIONS
1-2-CW	2 3/8"	1 3/8"	4 9/16" x 9"
2-2-CW	2 3/8"	1 3/4"	4 9/16" x 9"
3-2-CW	2 3/4"	1 3/8"	4 3/4" x 9"
4-2-CW	2 3/4"	1 3/4"	4 3/4" x 9"
81-2-CW	2 3/4"	1 3/4"	4 3/4" x 4 1/2"

SHELF PACK: 1 GAUGE: 22 (.032)

FEATURES: Works with Schlage, Arrow, Yale, Sargent, Corbin Russwin & Falcon T FINISHES: 10B (613), AB (609), BZ (612), PB (605), S (630)

Box Pack

# **DON-JO** MFG., INC. ARCHITECTURAL HARDWARE & ACCESSORIES

Los Angeles, California

# FILLER PLATES, MOUNTING TABS & SIGNS

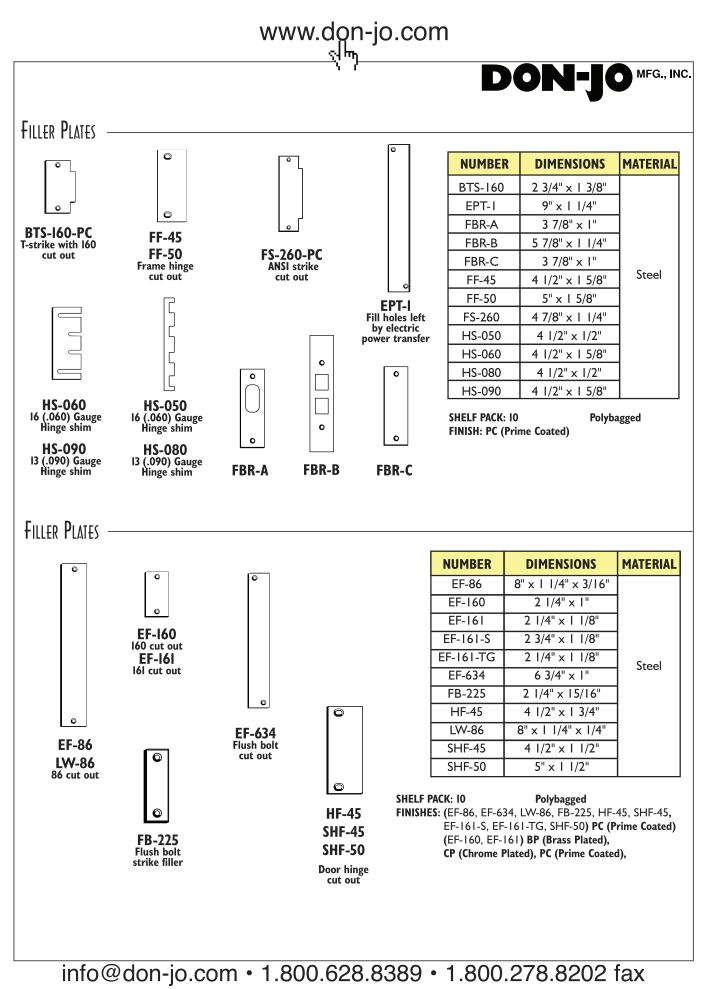
DON-JO MFG., INC. P.O. Box 929 Sterling, MA 01564

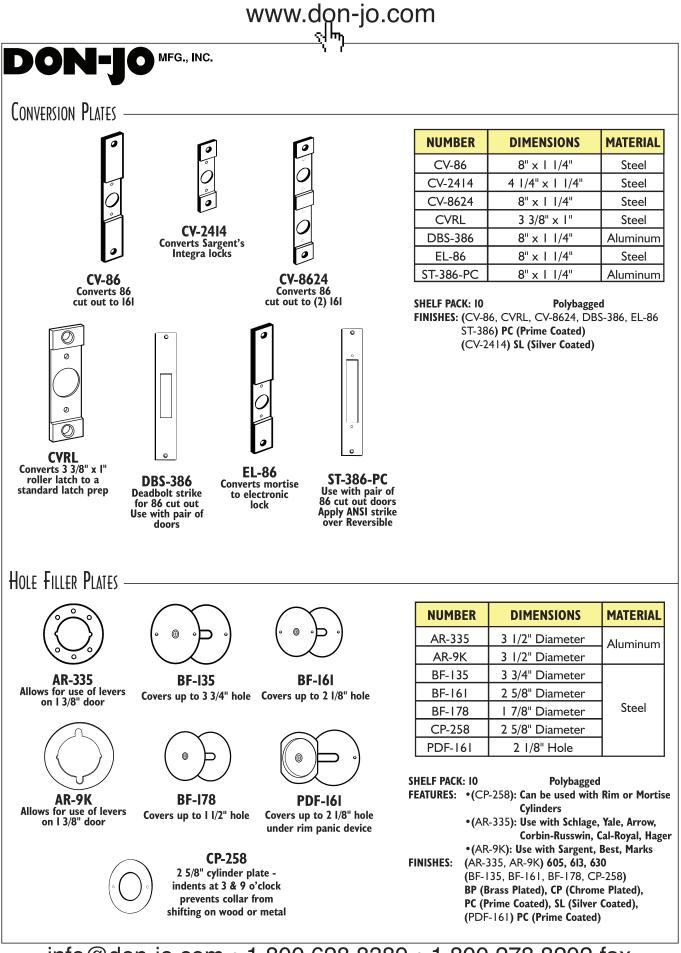
N N.

RESTROOM

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September 2015





# **DON-JO** MFG., INC. ARCHITECTURAL HARDWARE & ACCESSORIES

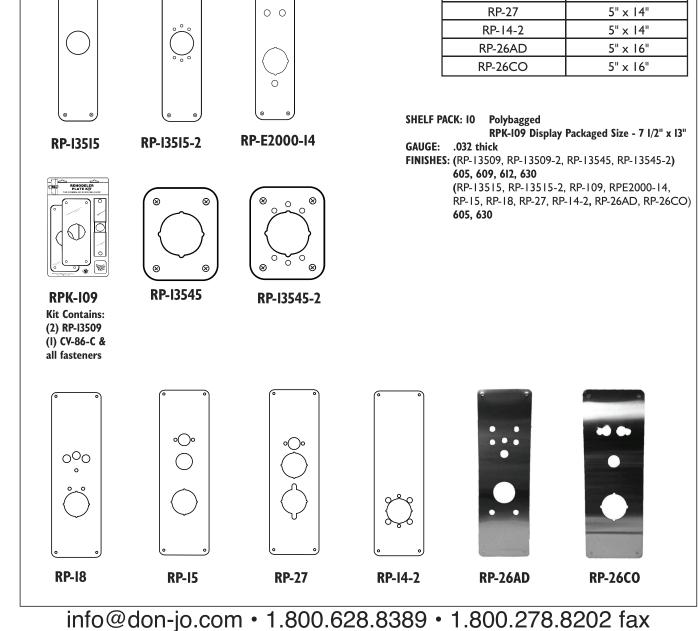


# ACCESSORY HARDWARE

DON-JO MFG., INC. P.O. Box 929 Sterling, MA 01564 PHONE: 978.422.3377 FAX: 978.422.3467 WATS: 800.628.8389 WATS FAX: 800.278.8202 WEB: www.don-jo.com E-mail: info@don-jo.com Section J, Version 1

September 2015

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**NUMBER** 

RP-13509

RP-13509-2

RP-13515 RP-13515-2

RP-13545

RP-13545-2

RPK-109

RPE2000-14

RP-15

RP-18

DIMENSIONS

3 1/2" x 9"

3 1/2" x 9" 3 1/2" x 15"

3 I/2" x I5"

3 1/2" x 4 1/2"

3 I/2" x 4 I/2"

3 1/2" x 9" 5" x 14"

5" x 14"

5" x 14"

REMODELER PLATES for modernizing or decorating \_\_\_\_\_

**RP-13509-2** 

DON-JO MFG., INC.

**RP-13509** 

## **Product Details** Original Blitz™

Simply insert the code card for the lock you are using and set the space needle to the number 1 mark on the card. Then turn the depth crank until the depth needle reaches the appropriate depth number. This action will move the blank into the cutter and make a cut to the proper depth. Next, back the key off of the cutter and move the space needle to the second space. Continue this simple procedure to cut a new key (to the manufacturer's exact specifications) in less than one minute.

The high-performance, long-life motor on the Blitz<sup>™</sup> provides ample torque for cutting a high volume of keys. It is available in 120VAC or 240VAC for use in locksmith shops around the world and in AC/DC (120VAC and 12VDC) for use in vans and trucks, as well as your shop.

Additional specialty code cards, cutters, and adapters are available separately. Optional adapters are available for Tubular and Tibbe keys making the Blitz<sup>™</sup> the most versatile code machine available.

HPC's Blitz<sup>™</sup> is the unequivocal "Standard of the Industry" and has been since its inception in 1978 when is was originally introduced as the 1200CM. It revolutionized cutting keys with its innovative code card system. By now tens of thousands of these machines have been sold around the world!

The Blitz<sup>™</sup> machine can cut virtually all standard pin and disc tumbler keys, as well as many specialty keys. The Blitz<sup>™</sup> machine is simple to use and very versatile. In less than 30 seconds you can change from cutting a Ford 8-cut key to cutting a Medeco® Biaxial key. With optional adapters, this versatile machine will also cut 6-space and 8-space Tibbe keys found on some Ford and Jaguar vehicles, as well as 7-pin tubular keys. To use the machine, simply insert the appropriate code card. Use the "space" dial to move the carriage to the first space. Then move the "depth" dial to the proper depth for your first cut. Continue this procedure until all the cuts are complete.

The Blitz<sup>™</sup> is considered a "must-have" for any locksmith creating master key systems or doing code work.

### Extreme Blitz™

### The Original Blitz™ - HPC & ESP - Division of Hudson Lock, LLC

The Extreme Blitz<sup>™</sup> is ideal for a new locksmith, a second shop, or a new van. Perfect for the locksmith who wants it all! It comes with 3 cutters, an expanded deck of 175 code cards, the Tubular Key Adapter Kit (No. TKA-CMB), and the Blitz<sup>™</sup> Calibration Kit (No. CMB-CK). Plus, get FREE software when you register your Extreme Blitz<sup>™</sup>.

### Base Model Blitz™

The Base Model Blitz<sup>™</sup> is the perfect second machine! It comes without code cards, cutters, binders, or free gifts. Use your existing code cards and cutters to make it a dedicated machine for the keys you cut most often.

### Medeco® x4 Key

The new **Medeco**® **4** key can be cut using card C3 (included with the machine in the Domestic deck pack), Jaw A (standard jaw set), and the CW-1012 cutter (sold separately).

Original Blitz™	No. 1200CMB No. 1200CMB240V (240VAC) No. 1200CMBACDC
Extreme Blitz™	No. 1200CMBX No. 1200CMBXACDC (120VAC/12DC) No. 1200CMBX240V (240VAC)
Base Model Blitz™	No. 1200B No. 1200B240V (240VAC)
CMB Specs	120VAC 60hz1/3 hp 4.2 amps Shipping Weight: 35 lbs (16 kg) Machine Size:12"W x 14"D x 9"H(30W x 36D x 23H cm) Bench Size:20"W x 14"D(51W x 36D cm)
CMB240V Specs	50hz1/3 hp 1.8 amps Shipping Weight: 35 lbs (16 kg) Machine Size:12"W x 14"D x 9"H(30W x 36D x 23H cm) Bench Size:30"W x 14"D(51W x 36D cm)
CMBACDC Specs	120VAC / 12VDC 60hz1/7 hp 12.2 amps DC Shipping Weight: 45 lbs (20 kg) Machine Size:12"W x 14"D x 11"H(30W x 36D x 28H cm) Bench Size:20"W x 14"D(51W x 36D cm)

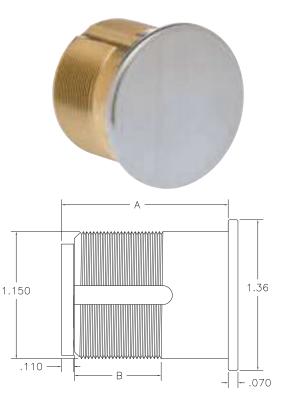


## Brass Cylinder Storefront Hardware & Replacement Hardware CATALOG

### Mortise Cylinders – Dummy

- 14 finishes 03, 03P, 04, 05, 10, 10B, 15, 26, 26D, 28, 29, 32, 32D, 46
- 11 lengths listed below

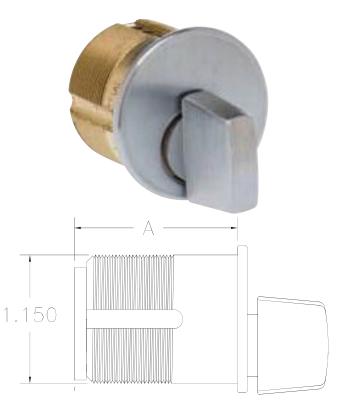
MODEL	LENGTH (A)
7120	3/4" (19mm)
7150	1 5/16" (23.8mm)
7160	1" (25.4mm)
7180	1 1/8" (28.6mm)
7200	1 1/4" (31.7mm)
7220	1 3/8" (34.9mm)
7240	1 1/2" (38.1mm)
7260	1 5/8" (41.2mm)
7280	1 3/4" (44.4mm)
7300	1 7/8" (47.6mm)
7320	2" (50.8mm)

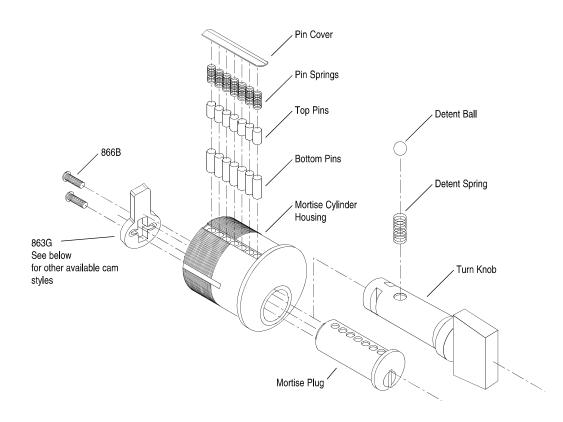


### Mortise Cylinders – Turnknob

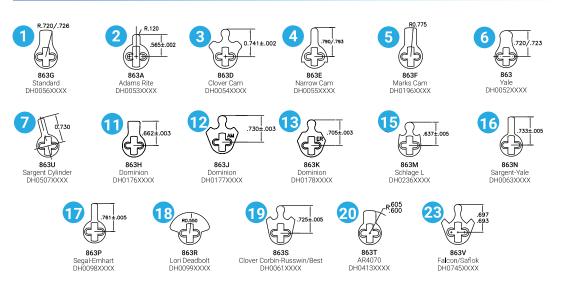
- 12 finishes 03, 04, 05, 10, 10B, 26, 26D, 28, 29, 32, 32D, 46
- 11 lengths listed below
- 17 cams

MODEL	LENGTH (A)		
7121	3/4" (19mm)		
7151	1 5/16" (23.8mm)		
7161	1" (25.4mm)		
7181	1 1/8" (28.6mm)		
7201	1 1/4" (31.7mm)		
7221	1 3/8" (34.9mm)		
7241	1 1/2" (38.1mm)		
7261	1 5/8" (41.2mm)		
7281	1 3/4" (44.4mm)		
7301	1 7/8" (47.6mm)		
7321	2" (50.8mm)		



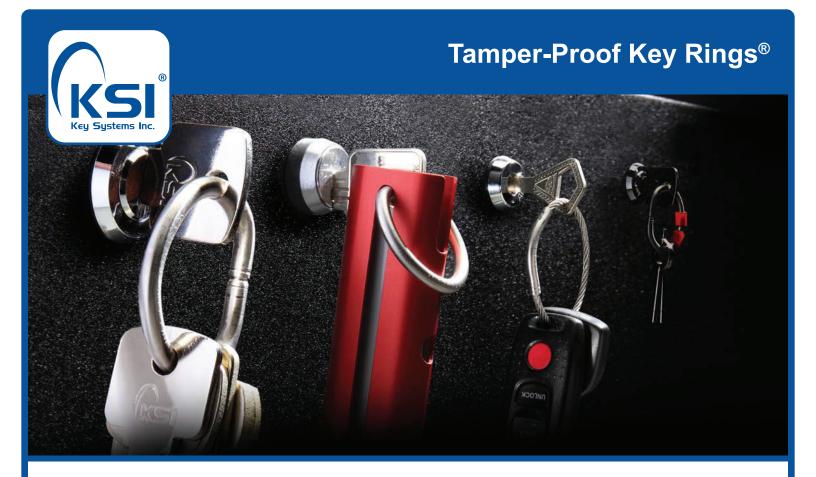


### **Mortise Cylinder Cam Styles**



### **Miscellaneous ACCESSORIES & PARTS**

869-00-10 Cash Box Nut, fits thread on mortise cylinder body 866B-00-100 Mortise Cam Screws, 3 x 48 self-tapping x 5/16" long (100/bag) 704-04-11 Turn Knob Disc - standard throw, 3/16" (4.8 mm), square hub 705-04-11 Turn knob Disc - long throw, 3/16" (4.8 mm), square hub 4500-xx-5012 1" (25.4mm) for 2" (50.8mm) & 2 3/8" (60.3mm) Bolts 4510-xx-5012 1 1/8" (28.6m Captive TK Key Blank, Bright Brass 4165-03-5001 4165-26D-5001 Captive TK Key Blank, Satin Chrome 4165-03-5002 Captive TK Cut Key, Bright Brass 4165-26D-5002 Captive TK Cut Key, Satin Chrome 4165-82-2001 Flat Steel Release Key



### The Industry Standard Among Security Professionals

Strict tolerances provide you with the ultimate in strength and durability. Our popular Tamper-Proof Key Rings<sup>®</sup> provide an added layer of protection for your most valuable assets – from keys and utility knives to medical equipment and cash tills. These high-security, stainless steel rings cannot be opened without detection, thus preventing asset substitution.



### Solid & Flexible Rings



Each size of Tamper-Proof Key Ring<sup>®</sup> is available in both solid and flexible braided stainless steel. Both solid and flex rings are sealed with our same Crimping Tool.

### Unique ID & Smooth Seal

Every ring is stamped with a unique serial number. This permanent ID provides a tool to audit both rings and the attached assets, preventing substitution. All styles of Tamper-Proof Key Rings<sup>®</sup> crimp to a smooth seal. Attached keys and assets are free to rotate the full 360 degrees of the ring to prevent bunching. Once opened, the ring cannot be re-crimped. Tools

### Unique tools prevent the substitution of alternative key rings.



The Closing Tool Closes and holds solid rings in preparation for crimping.





The Crimping Tool Clamps down to create our smooth recessed seal on both solid and flex rings.

The only plastic we use with our Tamper-Proof

Key Rings® is the color coded tags. Five colors are

available to help group key rings for quick identification.

**Available Colors** 

Yellow

Blue Assorted

Orange

Green

Red

Color Coded Control

The Knipex<sup>®</sup> Cutting Tool Used to permanently cut open the key ring seal in order to remove keys or assets.





For further instructions on how to use these tools visit



### Key & Fob Shield

Multiple shield sizes may be used to prevent unwanted viewing of your high security assets. Key Shields attach to any Tamper-Proof Key Ring<sup>®</sup> and slides over your assets to conceal their profile when locked in a SAM<sup>™</sup>.

Available Colors Blue Red



### **Starter Kit**

Our patented Tamper-Proof Key Ring<sup>®</sup> technology starter kit provides your most valuable assets with an added layer of protection. Our high security stainless steel rings cannot be opened without detection thus preventing asset removal or substitution.

### **Contents Include:**

10 x 1 ⁵/ଃ" rings 10 x 2" rings 10 x 1" rings Closing tool Crimping tool Cutting tool

sample size of each key ring solid and flex

50 color coded ID tags



### Solid Rings:

Material	Stainless Steel			
Ring Thickness	4mm			
Flexible Rings:				
Material	Stranded Stainless Steel			
Ring Thickness	4mm seal			
Diameter	Key Capacity*			
1"(2.5 cm)	14			
1%" (4.1 cm)	22			
2" (5 cm)	30			
3" (7.62 cm)	46			
4" (10.1 cm)	66			
*Key Capacity is in terms of standard builders hardware.				



(800) 888-3553

### web-sales@keystorage.com

Industrial Pack

2602

Size: .040" Thick Sizes in diameter:

Packaging Options:

3/4", 1", 1-1/8", 1-1/4", 1-3/8", 1-7/8"

Display Box

Carded

2601

## KEY STORAGE

TOUGH LINKS

Solid	Brass	Tags
-------	-------	------

· Solid brass tags for heavy-duty applications · Perfect for pet tags, long term site I.D., or industrial use • High quality polished brass finish • Diameter of hole is 1/4"

· Ball-burnished

RETAIL PACK			
Item No.	Package	Order Multiple	Case Pack
26006	3/4", One Hole, 100/Display Box	1 Box	12 Boxes
26010	1", One Hole, 100/Display Box	1 Box	12 Boxes
26011	1-1/8", One Hole, 100/Display Box	1 Box	12 Boxes
26012	1-1/4", One Hole, 100/Display Box	1 Box	12 Boxes
26013	1-3/8", One Hole, 100/Display Box	1 Box	12 Boxes
26017	1-7/8", One Hole, 100/Display Box	1 Box	12 Boxes
26512	1-1/4", One Hole, 5/cd.	5 Cards	50 Cards
26021	1-1/8", Two Hole, 100/Display Box	1 Box	12 Boxes
26022	1-1/4", Two Hole, 100/Display Box	1 Box	12 Boxes
INDUSTRIAL P	ACK		
2601010	1", One Hole, 10/pkg.	1 Pack	25 Packs
2601020	1", One Hole, 20/pkg.	1 Pack	25 Packs
2601120	1-1/8", One Hole, 20/pkg.	1 Pack	25 Packs
2601220	1-1/4", One Hole, 20/pkg.	1 Pack	25 Packs
2601310	1-3/8", One Hole, 10/pkg.	1 Pack	25 Packs
2601320	1-3/8", One Hole, 20/pkg.	1 Pack	25 Packs
2601710	1-7/8", One Hole, 10/pkg.	1 Pack	25 Packs
2601720	1-7/8", One Hole, 20/pkg.	1 Pack	25 Packs
2602120	1-1/8", Two Hole, 20/pkg.	1 Pack	25 Packs
2602210	1-1/4", Two Hole, 10/pkg.	1 Pack	25 Packs
2602220	1-1/4", Two Hole, 20/pkg.	1 Pack	25 Packs
NON-PACKAGE	ED HIGH VOLUME PRODUCT (100 pie	ce minimum ord	er)
Item No.	Package	Item No.	Package
002606	3/4", One Hole	002613	1-3/8", One Hole
002610	1", One Hole	002617	1-7/8", One Hole
002611	1-1/8", One Hole	002621	1-1/8", Two Hole

### Aluminum Tags

002612

• Color-coded tags for many uses indoors & out • 2-hole now available in 1-1/4" diameter,

002622

1-1/4", Two Hole

Jar

Card

Jar

- in silver & blue · Perfect for pet tags, facilities management, I.D. near water outlets
- Available in single color or assorted mix

Box

1-1/4", One Hole

### **RETAIL PACK** Order Mult. Case Pack Item No. Package 25605 1 Hole, 1-1/4", 5/cd., Asst. 5 Cards 50 Cards 1 Hole, 1-1/4", 100/Display Box, Asst. 25600 1 Box 12 Boxes \*256 (+ Color No.) 1 Hole, 1-1/4", 100/Display Box, by Color 1 Box 12 Boxes \*256 (+ Color No.)(+ 2) 2 Hole, 1-1/4", 100/Display Box, by Color 1 Box 12 Boxes 1 Hole, 1-1/2", 100/Display Box, Asst. 12 Boxes 256800 1 Box \*2568 (+ Color No.) 1 Hole, 1-1/2", 100/Display Box, by Color 1 Box 12 Boxes 256900 12 Boxes 1 Hole, 2", 100/Display Box, Asst. 1 Box \*2569 (+ Color No.) 1 Hole, 2", 100/Display Box, by Color 1 Box 12 Boxes INDUSTRIAL PACK \*256 (+ Color No.)(+ 20) 1 Hole, 1-1/4", 20/pkg., by Color 1 Pack 25 Packs 2560020 1 Hole, 1-1/4", 20/pkg., Asst. 1 Pack 25 Packs \*256 (+ Color No.)(+ 210) 2 Hole, 1-1/4", 10/pkg., by Color 1 Pack 25 Packs \*256 (+ Color No.)(+ 220) 2 Hole, 1-1/4", 20/pkg., by Color 1 Pack 25 Packs 1 Hole, 1-1/2", 20/pkg., by Color 1 Pack 25 Packs \*2568 (+ Color No.)(+ 20) \*2569 (+ Color No.)(+ 20) 1 Hole, 2", 20/pkg., by Color 1 Pack 25 Packs NON-PACKAGED HIGH VOLUME PRODUCT (100 piece minimum order) \*00256 (+ Color No.) 1-Hole, 1-1/4" by Color 2-Hole, 1-1/4" by Color \*00256 (+ Color No.)(+ 2) \*002568 (+ Color No.) 1-1/2" by Color \*002569 (+ Color No.) 2" by Color 0025693 1-1/4" Silver/Aluminum (non-anodized) PACKAGING Multiple Clip Strip Display Card or Product Small GUIDE:

Clamshell



N1804-1006		Revision: A
INDUSTRY APPROVALS		
National Electrical Code	Article 725	
UL Standard 13	Type CL3R	
National Electrical Code	Article 760	Conductors
UL Standard 1424	Type FPLR	
National Electrical Code	Article 800	- \ (
UL Standard 444	Type CMR	
EU Directive 2011/65/EU	RoHS Compliant	

### CONSTRUCTION

Component	Description	Specification	
Conductor:	18 AWG (7/26) Bare Copper	0.045" Nominal diameter	
Insulation:	0.008" Wall, PVC	0.061" Nominal diameter	
Cable Assembly:	4 Conductors with a 4.0" LHL	0.150" Nominal diameter	
Ripcord:	Yes		
Jacket:	0.015" Wall, Polyvinyl Chloride (PVC)	0.180" ± .008" diameter	
Sequential Footage:		Every 2 feet	
Print Legend:	NORTHERN (R) 18 AWG – N1804-1006 – (UL File Number) UL CL3R C		
	FPLR (UL) C(UL) CMR ROHS MADE IN USA (date code - MM/YY)		
	(sequential footage)		

### ELECTRICAL AND PHYSICAL PROPERTIES

Temperature:	-20°C to +75°C
Voltage:	300 Vrms (Maximum)
Conductor Resistance (DCR):	6.66 Ohms/1000ft (Maximum) @ 20°C
Capacitance (Cond-Cond):	31.5 pF/ft (Nominal) @ 1kHz
Characteristic Impedance:	61.0 Ohms (Nominal) @ 1MHz

### CONDUCTOR COLOR CODE

Conductor	Color
1	Black
2	Red
3	White
4	Green

### JACKET COLOR AND PACKAGING

N1804 – 1006 – XX XX

Jacket color

Put-up

PUT-UP

1	10	1000 Foot Box	01	Whit
	11	1000 Foot Reel	02	Blac
-	50	500 Foot Box	03	Red
	51	500 Foot Spool in a carton	04	Gree

01	White	05	Yellow	09	Gray(slate)
02	Black	06	Blue	10	Purple
03	Red	07	Brown	11	Beige
04	Green	08	Orange	15	Natural

**JACKET COLOR** 

U. S. A.

\* Some Put-Ups and Colors Require Special Order





600A

PAELOCK

USA

2021 Product Catalog



## **Body Materials**



### 6061 Aircraft-Grade

Aluminum has quickly become PACLOCK's best-selling body material because of its weather resistance, light weight, and ability to stand up to grinders better than other materials. Laser engrave on one of ten standard colors making aluminum the most customizable body material in our lineup.

### **360 Brass Alloy**

PACLOCK's solid-body brass padlocks provide great weather resistance in high-corrosion environments along with a heavy weight associated with higher security. PACLOCKs brass padlocks begin as raw 360-grade brass before being machined and finally sanded to a smooth, attractive finish. Many customers are moving to aluminum as the raw material costs for brass continue to increase.





### **304 Stainless Steel**

PACLOCK's 304 stainless-steel padlocks are the ultimate physicalsecurity solution for all-weather environments. Stainless steel provides the highest combination of drilling resistance, cutting resistance, and weatherability. PACLOCK uses 304-grade stainless steel which is harder to machine, but gives customers the best product on the market.

### **Case-Hardened Steel**

PACLOCK's hardened-steel padlocks are case-hardened and electroless-nickel plated to provide strength against physical attacks and resistance against corrosive environments. Electroless-nickel plating allows the nickel to adhere to all surfaces of the padlock for full protection as opposed to the typical electrolytic-plating which can't get deep into the padlock inner surfaces.





### **USA-Made Safety Lockout**

PACLOCK's thermoplastic padlock bodies are precision molded in the United States, setting PACLOCK apart as the only thermoplastic-padlock manufacturer making domestic parts. This gives PACLOCK the advantage when you need short lead times or custom colors. Our two-tone LOTO locks provide 36 unique color combinations to differentiate your departments or areas.



## Shackle Material



### Hardened Stainless Steel

Strength meets weatherability

Made of stainless steel that has been hardened and plated

Available in 1" and 2-1/2" heights

### Hardened Steel

High cut resistance

Plated to protect against environmental corrosion like saltwater or rain

Available in <sup>3</sup>/<sub>4</sub>", 1", 1-<sup>1</sup>/<sub>2</sub>", 2", 2-<sup>1</sup>/<sub>2</sub>", 3" and 5" heights

### **Stainless Steel**

High corrosion resistance

Made from 316 stainless, the same material as most medical grade tools

Available in 1", 2", and 3" heights

### **Solid Brass**

High weatherability

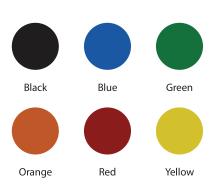
Used for brass military locks or in non-conductive areas

Available in 1" and 3" heights





### Powder Coated (6 Standard Colors)





## **Cylinder Compatibility**

Whatever cylinder style you have, we have a padlock series for it.



**PACLOCK** 6-pin, high-security, pin tumbler cylinder with brass pins and 4,000 unique key combinations.

### **Universal Cylinder System**

Easy-to-change, high-security cylinder with stainlesssteel security pins, 20,000 unique key combinations





**PACLOCK Pro** 7-pin, high-security, key-retaining pin tumbler cylinder with 200,000 unique key combinations.

5/6/7-Pin SFIC SFIC compatible bodies for 5, 6 or 7-pin Small Format Interchangeable Cylinders





**ASSA® LFIC** ASSA® LFIC compatible bodies for 6 or 7-pin Large Format Interchangeable Cylinders.

### **Corbin Russwin® LFIC**

Corbin Russwin<sup>®</sup> LFIC compatible bodies for 6 or 7-pin Large Format Interchangeable Cylinders.



Medeco<sup>®</sup> LFIC Medeco<sup>®</sup> LFIC compatible bodies for 6 or 7-pin Large Format Interchangeable Cylinders.

### Sargent<sup>®</sup> LFIC

Sargent<sup>®</sup> LFIC compatible bodies for 6 or 7-pin Large Format Interchangeable Cylinders.





Yale® 6-Pin LFIC Yale® LFIC compatible bodies for 6-pin Large Format Interchangeable Cylinder.

### Yale<sup>®</sup> 7-Pin LFIC

Yale<sup>®</sup> LFIC compatible bodies for 7-pin Large Format Interchangeable Cylinders





**Key-in-Knob/Key-in-Lever** Key-in-Knob/Key-in-Lever compatible bodies with drivers for screw-on cap or slotted style cylinders.

### Schlage<sup>®</sup> FSIC

Schlage<sup>®</sup> FSIC compatible bodies for 7-pin Full Size Interchangeable Cylinders



All product and company names are trademarks or registered trademarks of their respective holders. Use of the marks does not imply any affiliation with or endorsement by the holders.





### Light-Duty, All-Purpose Shackle

PACLOCK's ¼" shackled padlocks are a perfect low-security option for a multitude of general-purpose applications. Some of the most popular places to use ¼" PACLOCK's are gates, fences, lockers, and sheds. PACLOCK's "Every Lock, One Key" mantra allows all your locks to be opened using your unique key or to incorporate it into your own master-keyed or grand-master-keyed system. Our ¼" shackles range from ¾" to 5" tall, ensuring you'll have the perfect padlock for any application. For "Lock Out, Tag Out" applications, PACLOCK's "90A-PRO" and "PL410-PRO's" are undeniably the new standard of growth and expansion, offering 200,000 unique key combinations. See pg. 19 for LOTO details.

### LFIC & FSIC Compatible - Only at PACLOCK

No other padlock manufacturer offers Large-Format-Interchangeable-Core and Full-Size-Interchangeable-Core-style padlocks with a ¼" diameter shackle. Without PACLOCK, it is impossible to keep every lock keyed into a LFIC or FSIC system especially when ¼" diameter shackled locks are necessary. Because of PACLOCK's commitment to offer greater varieties of solid-body padlocks than any other padlock manufacturer, you can keep everything locked up with your LFIC or FSIC cores.



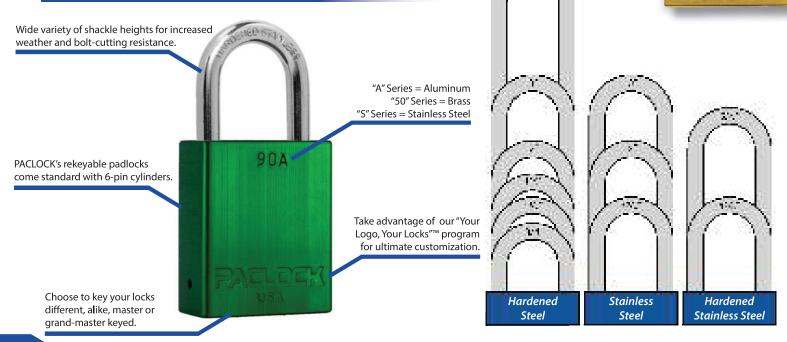
UCS-1A

三百日 日 日

FSIC-1B

他国岛







	Series	Body	Width	Thick	Height	Options	PAC-BAND
	UCS-1A	Aluminum	1-13/16"	7/8"	2"	1A - Pg. 60	•
D	90A	Aluminum	1-1/2"	3/4"	1-13/16"	1B - Pg. 60	
	95	Brass	1-1/2"	3/4"	1-13/16"	1B - Pg. 60	
PRO	90A-PRO	Aluminum	1-1/2"	3/4"	1-7/8"	1C - Pg. 60	
PRO	PL410-PRO	Thermoplastic	1-1/2"	13/16"	1-13/16"	1C - Pg. 60	
	90A-IC	Aluminum	1-1/2"	3/4"	2-1/4"	1D - Pg. 60	
	95-IC	Brass	1-1/2"	3/4"	2-1/4"	1D - Pg. 60	
	LFIC-ASA-1A	Aluminum	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
	LFIC-ASA-1B	Brass	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
COR	LFIC-COR-1A	Aluminum	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
COR	LFIC-COR-1B	Brass	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
NA I	LFIC-M32-1A	Aluminum	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
M <sub>32</sub>	LFIC-M32-1B	Brass	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
SCT	LFIC-SGT-1A	Aluminum	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
SGT	LFIC-SGT-1B	Brass	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
	LFIC-Y6-1A	Aluminum	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
16	LFIC-Y6-1B	Brass	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
	LFIC-Y7-1A	Aluminum	1-13/16"	7/8"	2-3/8"	1D - Pg. 60	•
17	LFIC-Y7-1B	Brass	1-13/16"	7/8"	2-3/8"	1D - Pg. 60	•
	KiK-1A	Aluminum	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
KIK	KiK-1B	Brass	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
FCIC	FSIC-1A	Aluminum	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•
FSIC	FSIC-1B	Brass	1-13/16"	7/8"	2-1/4"	1D - Pg. 60	•



### **Medium-Duty Security**

PACLOCK's 5/16"-diameter shackled padlocks are a step up in security over their 'A" counterparts. The shackle is thick enough to repel most bolt cutter attacks, all the while being able to work in many applications. Commonly referred to as the "jack-of-all-trades" this shackle size is one of the most common shackled padlock sizes available. PACLOCK has sold millions of padlocks with this shackle diameter directly to the U.S. Military – safeguarding our warfighters equipment. If you are currently using a "#1" padlock, replace it with a PACLOCK and gain the keying convenience of PACLOCK's "Every Lock, One Key".

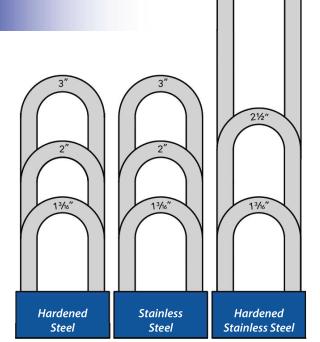
### **Most Versatile Padlock**

PACLOCK's "100" and "-2" Series padlocks provide good security and can be used on almost any application. Because of the 5/16" shackle's low-profile and tough-to-cut profile, this shackle works perfectly to secure almost any general-purpose location effectively. Because all solid body PACLOCK's feature easy-change shackles, it's easy to get the right shackle for your application.



### Switching out shackles is easy!

- **Step 1** Remove shackle retaining screw with 2.5 mm Allen wrench.
- **Step 2** Insert your locks key and rotate so the shackle opens. **\*Hold shackle so it doesn't spring out!**
- **Step 3** Ensure ball bearings are still in place.
- **Step 4** Insert new shackle with key turned into open position. Once shackle is in place, rotate key to closed position.
- **Step 5** Re-insert shackle retaining screw and turn clockwise until snug.
- **Step 6** Insert key and open lock to ensure proper operation of the lock.



5

100A



0



	Series	Body	Width	Thick	Height	Options	PAC-BAND
	UCS-2A	Aluminum	1-13/16"	7/8"	2"	2A - Pg. 61	•
A	100A	Aluminum	1-1/2"	3/4"	1-13/16"	2B - Pg. 61	
	150	Brass	1-1/2"	3/4"	1-13/16"	2B - Pg. 61	
	100A-IC	Aluminum	1-1/2"	3/4"	2-7/32"	2C - Pg. 61	
	150-IC	Brass	1-1/2"	3/4"	2-7/32"	2C - Pg. 61	
Δ	LFIC-ASA-2A	Aluminum	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
	LFIC-ASA-2B	Brass	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
COR	LFIC-COR-2A	Aluminum	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
	LFIC-COR-2B	Brass	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
M <sub>32</sub>	LFIC-M32-2A	Aluminum	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
1 V 132	LFIC-M32-2B	Brass	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
SGT	LFIC-SGT-2A	Aluminum	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
Jul	LFIC-SGT-2B	Brass	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
	LFIC-Y6-2A	Aluminum	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
16	LFIC-Y6-2B	Brass	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
	LFIC-Y7-2A	Aluminum	1-13/16"	7/8"	2-3/8"	2C - Pg. 61	•
7	LFIC-Y7-2B	Brass	1-13/16"	7/8"	2-3/8"	2C - Pg. 61	•
Kik	KiK-2A	Aluminum	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
<b>NIN</b>	KiK-2B	Brass	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
FSIC	FSIC-2A	Aluminum	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•
	FSIC-2B	Brass	1-13/16"	7/8"	2-1/4"	2C - Pg. 61	•



## Flat Back Hockey Pucks 健 🔁 🐻 🖉 🚳 🚾 🖓 😗 🛞 🗊



U.S. Patent 8,776,557 U.S. Patent 8,978,426

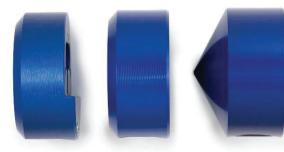
### **High-Security Hockey Pucks**

The "2173/UCS-7" Series by PACLOCK is more than your general-purpose, high-security, hidden-shackle padlock line. PACLOCKs "2173/UCS-7" Series is the most diverse hockeypuck-style padlock line in the world with options for interchangeable cores, 10 colors, 3 material types and completely customizable keying options to fit your needs.

When you need ultimate security, a hockey-puck-style padlock mounted to a steel hasp is the best way to go. Most commonly used on van doors - including sliding van doors -PACLOCK pucks can also be found securing warehouse doors and even explosive ordinance bunkers. Our puck locks shine when they're used with our "PL810" or "PL770" hasps. Precision CNC machines drill and tap holes into the back of our locks so that they can easily be mounted to any PACLOCK hasp. When mounted, you'll never have to worry about leaving your puck lock behind.

### Which Style Best Suits Your Application??

PACLOCK manufactures 3 unique hockey-puck-style designs: a flat-back, stepped-back, and cone-shaped design, each built for a unique purpose. Flatback pucks - the "2173/UCS-7" and "2177/UCS-9" Series - work great mounted on hasps so you'll never lose your puck! For added security, we developed a patent-pending, cone-shaped design - the "2177/UCS-9" Series – to prevent frontal drilling attacks. Finally, our stepped-back, hockey-puck-style padlock - the "400/UCS-8" Series - features a step back, or ledge, on the back of the padlock that allows it to work with certain bar style hasps. 6061 aircraft-grade aluminum puck locks are superior to die-cast zinc and, for higher security, we manufacture puck locks using 304 stainless steel.



"400/UCS-8"

"2173/UCS-7"

"2177/UCS-9"



### **Perfect for Sliding Van Doors**

Combine any flat-back "puck lock" with a PL810 or PL811 hasp to secure your sliding van doors. The unique design allows the puck and hasp to remain attached to the door while sliding open. Manufacturing in the U.S. allows PACLOCK to fully customize the hasp and puck color to meet your needs. Have a fleet of vans that needs master-keying and a puck-hasp-kit that blends in? Reach out to us and we can make it happen.

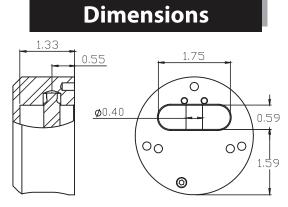


	Series	Body	Options	PAC-BAND
10111	UCS-7A	Aluminum	5A - Pg. 64	
ŬC5	UCS-7S	Stainless Steel	5A - Pg. 64	
A	2173A	Aluminum	5B - Pg. 64	•
	21735	Stainless Steel	5B - Pg. 64	•
	2173A-IC	Aluminum	5C - Pg. 64	
	2173S-IC	Stainless Steel	5C - Pg. 64	
Λ	LFIC-ASA-2173A	Aluminum	5C - Pg. 64	
V	LFIC-ASA-2173S	Stainless Steel	5C - Pg. 64	
COR	LFIC-COR-2173A	Aluminum	5C - Pg. 64	
	LFIC-COR-2173S	Stainless Steel	5C - Pg. 64	
M	LFIC-M32-2173A	Aluminum	5C - Pg. 64	
1 V 132	LFIC-M32-2173S	Stainless Steel	5C - Pg. 64	
SGT	LFIC-SGT-2173A	Aluminum	5C - Pg. 64	
Jul	LFIC-SGT-2173S	Stainless Steel	5C - Pg. 64	
	LFIC-Y6-2173A	Aluminum	5C - Pg. 64	
16	LFIC-Y6-2173S	Stainless Steel	5C - Pg. 64	
	LFIC-Y7-2173A	Aluminum	5C - Pg. 64	
	LFIC-Y7-2173S	Stainless Steel	5C - Pg. 64	
Kik	KiK-2173A	Aluminum	5C - Pg. 64	
	KiK-2173S	Stainless Steel	5C - Pg. 64	
ESIC	FSIC-2173A	Aluminum	5C - Pg. 64	
	FSIC-2173S	Stainless Steel	5C - Pg. 64	

### **Quick Facts**



11 Cylinder Options Available 6061 Aluminum or 304 Stainless Body Puck-to-Hasp™ Mounting BAA/TAA Compliant Bolt-Cutter Proof Flat-Back Design Body Width: 2-7/8″



3/8" Diam. Shackle



### Grade 1 cylindrical locks

### ND Series

### **Overview**

The Schlage<sup>®</sup> ND Series is ANSI/BHMA Grade 1 certified and performs beyond the Grade 1 standards. The lock withstands 3,100 in-lb. of abusive lever torque, as well as 1,600 lbs. of offset lever pull for protection against pry bar attacks. The lock is not only strong from attacks, but it also shows nearly zero droop or wobble after 16 million cycles.

All ND Series locks come in 10 finishes, nine lever designs and use an ANSI 161 door preparation, commonly used with cylindrical locks. They are ideal for all new construction and retrofit applications.



### **Finishes**



605 Bright Brass



606 Satin Brass



**612** Satin Bronze



**613** Oil Rubbed Bronze



**619** Satin Nickel



**622** Matte Black



**625** Bright Chrome



**626** Satin Chrome



**626AM** Satin Chrome, Antimicrobial



**643e** <sup>1</sup> Aged Bronze





### Lever styles



Athens (ATH) Athens with milled tactile warning (8AT)



Longitude (LON) Longitude with milled tactile warning (8LN)



Tubular (TLR) Tubular with knurled tactile warning (8TR)

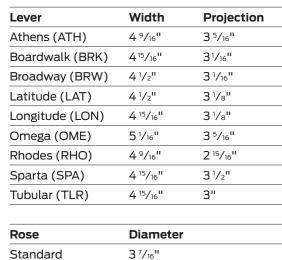


Boardwalk (BRK) Boardwalk with knurled tactile warning (8BK)



Omega (OME)

### Dimensions



Return to door meets  $\frac{1}{2}$  requirement for Boardwalk (BRK), Longitude (LON), Omega (OME), Rhodes (RHO), Sparta (SPA) and Tubular (TLR) levers



Broadway (BRW) Broadway with knurled tactile warning (8BY)



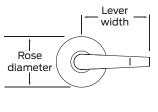
Rhodes (RHO)<sup>1</sup> Rhodes with milled tactile warning (8RO)<sup>1</sup>



Latitude (LAT) Latitude with milled tactile warning (8LT)



Sparta (SPA) Sparta with milled tactile warning (8SP)





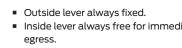




### **Mechanical non-keyed functions**



Note: Available with Request to Exit (RX) function.



Note: Available with Request to Exit (RX) function.



- Push button locking.
- Turning inside lever or closing door releases button, preventing a lock-out.
- Inside lever always free for immediate egress.

Note: Specify per XN12-007.

- Push-button locking.
- Can be opened from outside with a small screwdriver.
- Turning inside lever or closing door releases . button, preventing a lock-out.
- Inside lever always free for immediate egress.
- Push-button locking.
- Can be opened from outside by turning emergency turn-button.
- Turning inside lever or closing door releases button, preventing a lock-out.
- Inside lever always free for immediate egress.









### Mechanical non-keyed functions



Schlage ND45 ANSI -

Time out lock with Vandlgard

- Caretaker side: Pushing and holding button will lock inside lever (detention side) until released. Lever always retracts the latch when the button is not depressed.
- Detention side: Lever retracts latch unless outside button is depressed. Vandlgard allows inside spindle to disengage from latch when locked.



Schlage ND170 ANSI -Single dummy trim

- Dummy trim for one side of door.
- Used for door pull or as matching inactive trim.



Schlage ND172 ANSI -

Double dummy trim

- Dual dummy trim for both sides of the door.
- Used for door pull or as matching inactive trim.

Note: latch cover plates available.











### Mechanical keyed functions



To order: Specify per XN12-004.

To order: Specify per XN12-005.

- unlocked with key or by turning inside lever.
- Inside lever always free for immediate egress.

ND53 Schlage ANSI F109

**Entrance lock** 

- Turn/push-button locking: pushing and turning the button locks the outside lever, requiring use of a key until the button is manually unlocked.
- Push-button locking: pushing button locks outside lever until unlocked by key or by turning the inside lever.
- Inside lever always free for immediate egress.



egress.

626 finish only.

ND60 Schlage ANSI F88 Vestibule lock

Latch retracted by key from outside when

Inside lever always free for immediate

outside lever is locked by key in inside lever.

Available with an optional instruction rose (XN12-035) that clearly identifies key rotation direction for rapid lockdown.



ND60 with XN12-001 F88

Vestibule with closed outside lever

 Same as ND60 except outside lever is closed.

Schlage

ANSI

Inside lever always free for immediate . egress.

To order: Specify per XN12-001.









### Mechanical keyed functions

Key in either lever locks or unlocks both

Caution: Double cylinder locks on any door, in any structure,

Installation should be in accordance with existing codes only.

which is used for egress can create a life safety hazard in

times of emergency and their use is not recommended.



levers.

**ND66** Schlage ANSI F91 Store lock



ND70 Schlage ANSI F84

**Classroom lock** 

- Outside lever locked and unlocked by key.
- Inside lever always free for immediate egress.



### Schlage ND70 x 80 ANSI

Classroom by storeroom lock

- Kev locks and unlocks outside lever.
- Key in fixed inside lever retracts latch.

To order: Specify per XN12-006.

Caution: Double cylinder locks on any door, in any structure, which is used for egress can create a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.



Schlage ND72 with XN12-002 ANSI F80

**Communicating lock** 

 Key in either lever locks and unlocks respective lever.

To order: Specify per XN12-002

Caution: Double cylinder locks on any door, in any structure. which is used for egress can create a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Outside	Inside
₀┕┫₀	



Key in either lever locks and unlocks own

Vandlgard

Schlage

ANSI

ND72 with

XN12-003

F80

**Communicating lock with** 

- lever.
- Both inside and outside levers are clutching.

To order: Specify per XN12-003.

Caution: Double cylinder locks on any door, in any structure, which is used for egress can create a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

### **ND73** Schlage ANSI F90

**Corridor lock** 

- Locked or unlocked by key from outside.
- Push-button locking from inside.
- Turn inside lever or close door to release button.
- When outside lever is locked by key it can only be unlocked by key.
- Inside lever always free for immediate egress.

Turn/push button







### Mechanical keyed functions



### **ND75** Schlage F110 ANSI

**Classroom security lock** (360-degree lockdown)

- Key in either lever locks outside lever by rotating the key 360-degrees counter-clockwise.
- Unlocking requires the key to be rotated . 360-degrees clockwise.
- Inside lever always free for immediate egress.

Locks ordered in 626 finish come standard with an instruction rose (XN12-035) that identifies key rotation direction for rapid lockdown. Other finishes receive a standard rose.





Schlage ANSI F110 **Classroom security lock** (180-degree lockdown)

**ND78** 

**ND82** 

F87

- Key in either lever locks outside lever by rotating the key 180-degrees counterclockwise and returning to start position.
- Unlocking requires the key to be rotated 180-degrees clockwise and returned to the start position.
- Inside lever always free for immediate egress.

Locks ordered in 626 finish come standard with an instruction rose (47342586) that illustrates the 180-degree turn required for locking. Other finishes receive a standard rose.



### Schlage ND80 ANSI F86

Storeroom lock

- Outside lever is fixed.
- Entrance by key only.
- Inside lever always free for immediate egress

Note: Available with Request to Exit (RX) function.



### **ND81** Schlage ANSI F86

Accessible storeroom lock

- Outside lever is always locked when key is not present.
- Entrance by key only: counter-clockwise key rotation retracts latch; 180-degree clockwise key rotation allows the outside lever to retract latch.
- Inside lever always free for immediate egress.

Note: Available with Request to Exit (RX) function.



- Both levers always fixed.
- Entrance by key in either lever.

Caution: Double cylinder locks on any door, in any structure, which is used for egress can create a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Schlage

Institution lock

ANSI



### ND85 Schlage F93

Faculty restroom lock

- Outside lever is fixed.
- Entrance by key only.
- Pushbutton on inside lever activates a locking pin that extends from the cylinder face requiring the use of an emergency key (sold separate) to release the button and retract the latch.

ANSI

- Turning inside lever or closing door releases the locking pin and button allowing normal use of operating key.
- Pushing and rotating the pushbutton using a spanner key (sold separate) activates lockout function requiring an emergency key to retract latch and open. Locking pin remains extended until spanner key is used to return push button to original position.
- Inside lever is always free for immediate egress.

Note: Not available with interchangeable core cylinders.

Turn/push button

Springlatch

Deadlatch





### Mechanical keyed functions



ND91 Schlage ANSI F82

Entrance/office lock with Vandlgard

### Push-button locking.

- Push-button disengages outside lever until unlocked with key or by turning inside lever.
- Inside lever always free for immediate egress.



**Entrance lock with** Vandlgard

Schlage

ANSI

ND92

F109

- Turn/push-button locking: Pushing and turning button disengages outside lever, requiring using of key until button is manually unlocked.
- Push-button locking: Pushing button disengages outside lever until unlocked by key or by turning inside lever.
- Inside lever always free for immediate egress.



### ND93 Schlage ANSI F88

Vestibule lock with Vandlgard

- Latch retracted by key from outside when outside lever is disengaged by key in inside lever.
- Inside lever always free for immediate egress.

Available with an optional instruction rose (XN12-035) that clearly identifies key rotation direction for rapid lockdown. 626 finish only.



**ND94** Schlage ANSI F84

**Classroom lock with** Vandlgard

- Outside lever disengaged and unlocked by key.
- Inside lever always free for immediate egress.



### ND95 Schlage ANSI F110



- Key in either lever locks outside lever by rotating the key 360-degrees counterclockwise.
- Unlocking requires the key to be rotated 360-degrees clockwise.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.

rose (XN12-035) that clearly identifies key rotation direction for rapid lockdown. Other finishes receive a standard rose.



### ND96 Schlage F86

Storeroom lock with Vandlgard

- Outside lever always disengaged.
- Entrance by key only.
- Inside lever always free for immediate egress.

ANSI

Note: Available with Request to Exit (RX) function.







Locks ordered in 626 finish come standard with an instruction





### Mechanical keyed functions



Schlage **ND97** ANSI F90 Corridor lock with

- Locked or unlocked by key from outside.
- Push-button locking from inside.
- Turning inside lever or closing door releases button.

Vandlgard

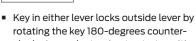
- When outside lever is locked by key it can only be unlocked by key.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.



**ND98** Schlage F110

**Classroom security** 

lock with Vandlgard (180-degree lockdown)



ANSI

- clockwise and returning to start position. Unlocking requires the key to be rotated
- 180-degrees clockwise and returned to the start position.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.

Locks ordered in 626 finish come standard with an instruction rose (47342586) that illustrates the 180-degree turn required for locking. Other finishes receive a standard rose.



### Wired electrified functions



Schlage ND12EL ND12EU

Exit lock, electrically locking/ unlocking outside lever

 Outside lever continuously locked (EL mode) or unlocked (EU mode) by 12-24V DC.

ANSI

- EL is fail safe (switch or power fail unlocks outside lever).
- EU is fail secure (switch or power fail locks outside lever).
- Inside lever always free for immediate egress.

Note: Available with Request to Exit (RX) function.



### Schlage ND80EU

Storeroom lock, electrically locking/unlocking outside lever



### ND96EL Schlage ND96EU

Storeroom lock, electrically locking/ unlocking outside lever with Vandlgard

- Outside lever continuously locked (EL mode) or unlocked (EU mode) by 12-24V DC.
- EL is fail safe (switch or power fail unlocks outside lever).

ANSI

- EU is fail secure (switch or power fail locks outside lever).
- Vandlgard allows outside spindle to disengage from latch when locked, limiting the ability of vandals to apply excessive force to the chassis.
- Key outside serves as mechanical override.
- Inside lever always free for immediate egress.

Note: Available with Request to Exit (RX) function.

Pushbutton

button

Turn/push



Deadlatch



 Outside lever continuously locked (EL mode) or unlocked (EU mode) by 12-24V DC.

 EL is fail safe (switch or power fail unlocks outside lever).

ANSI

- EU is fail secure (switch or power fail locks outside lever).
- Key outside serves as mechanical override.
- Inside lever always free for immediate egress.

Note: Available with Request to Exit (RX) function.

ND80EL



### Cylinders

### **Conventional cylinder**

Р	6-pin Conventional (keyed 5)
P6	6-pin Conventional (standard)
Z	SL 7-pin Conventional (A2 pinning)
L	Less Conventional
С	Less 6-pin Conventional double cylinder

### Full size interchangeable core (FSIC)

R	6-pin FSIC
Μ	SL 7-pin FSIC (A2 pinning)
J	Less FSIC
т	Refundable FSIC construction core

### Small format interchangeable core (SFIC)

G	7-pin SFIC (A2 pinning)
В	Less SFIC
BDC	Disposable SFIC construction core
н	Refundable SFIC construction core





### Cylinders

Chassis	
Material	Modular design of zinc and steel components plated for corrosion protection
Door thickness	Standard: 1 <sup>5</sup> / <sub>8</sub> " to 2 <sup>1</sup> / <sub>8</sub> "
	Optional: 1 <sup>3</sup> / <sub>8</sub> " - 6" EE, EO, EI, ED configurations
Trim	
Handing	Non-handed
Levers	Pressure cast zinc, plated to match product finish specification
Roses	Wrought brass, bronze, or zinc, plated to match product finish specification
Latch	
Backset	Standard: 2 <sup>3</sup> / <sub>4</sub> "
	Optional: 2 <sup>3</sup> / <sub>8</sub> ", 3 <sup>3</sup> / <sub>4</sub> ", 7 <sup>3</sup> / <sub>4</sub> "
Faceplate	Standard : 1 <sup>1</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>4</sub> "
	Optional: 1" x $2^{1}/_{4}$ " for $2^{3}/_{8}$ " backset doors
Latch	Standard : 1/2" throw via Oil Impregnated Stainless Steel
	Optional : 3/4" throw anti-friction bolt available for pairs of doors
Strike	Standard: ANSI Curved Lip: 1 <sup>1</sup> / <sub>4</sub> " x 4 <sup>7</sup> / <sub>8</sub> " x 1 <sup>3</sup> / <sub>16</sub> "
	Optional: T Strike, ANSI strikes with alternative lip lengths, dust box options
Keying	
Cylinder format	6-pin Conventional (standard); also available in FSIC, SFIC and 7-pin SL cylinder
	formats plus less cylinder options designed to fit competitive cores from
	Sargent, Corbin Russwin, Yale and Medeco.
Keyway	Patented Everest 29 S123 (standard); also available in open, restricted, and
	Primus XP security levels with available master keying and construction keying.
Wired electrified	i l
Input Voltage	Autodetecting 12-24V DC, + 10%
Operating	Fail Safe or Fail Secure via switch on chassis
mode	
Current draw	0.23 amps maximum; 0.01 amps holding
Request to Exit	Modular - 3A @ 125VAC / 2A @ 30VDC
Warranty	

10 years mechanical, 1 year wired electrified







### Specifications

Certifications	
ANSI/BHMA	All ND Series comply with A156.2 performance requirements for grade 1
	cylindrical locks. Wired electrified complies with A156.25 (indoor).
ICC	Complies with ICC A117.1 Accessible and Usable Buildings and Facilities
UL/cUL	All locks 3-hour A label single fire door 4'0" x 10'0"; pair doors 3-hour fire door
	8'0" x 8'0" with $3/4$ " latch option; pair doors 90-minute fire door 8'0" x 10'0"
	with <sup>3</sup> /4" latch option
CA Fire Code	All levers with a return to door of $1/2$ " (64 mm) or less comply
	(Rhodes, Sparta, Tubular, Omega, Longitude and Boardwalk)
FL Building	Complies with Florida Building Code (ASTM E330, E1886, E1996)
Code	and Miami Dade (TAS 201, 202, 203) requirements for hurricanes
Federal	Meets FF-H-106C Series 161; BAA compliant, all functions.



## Prepared by Complete Securities, Inc.

## L-1209 Hardware List - Contractor Install

- This hardware list is based on take-offs of the door and hardware lists. Bidder should verify quantities. 5 5

Prepared by: Matthew Slayter Complete Security, Inc. San Francisco, CA

Prepared by Complete Securities, Inc.

## L-1209 Hardware List - Contractor Install

Manufacturer	Part Number	Are Substitution Acceptable	Description	Order Quantity
Corbin/Russwin	CL3151-NZD-626-CL6	No	Cylindrical Lockset, Grade 1, Entrance or Office Function, Corbin/Russwin 6 Pin Full Size Interchangeable Core Cylinder Prep	66
Corbin/Russwin	CL3155-NZD-626-CL6	No	Cylindrical Lockset, Grade 1, Classroom Function, Corbin/Russwin 6 Pin Full Size Interchangeable Core Cylinder Prep	39
Corbin/Russwin	CL3157-NZD-626-CL6	N	Cylindrical Lockset, Grade 1, Storeroom Function, Corbin/Russwin 6 Pin Full Size Interchangeable Core Cylinder Prep	49
Corbin/Russwin	CR1070-114-A01-6-626	Yes	Corbin/Russwin 6 Pin Full Size Interchangeable Mortise Cylinder Housing, Brushed Chrome, Cloverleaf Cam	7
Corbin/Russwin	CR1070-114-A02-6-626	Yes	Corbin/Russwin 6 Pin Full Size Interchangeable Mortise Cylinder Housing, Brushed Chrome, Standard Cam	47
Corbin/Russwin	CR1070-138-A02-6-626	Yes	Corbin/Russwin 6 Pin Full Size Interchangeable Mortise Cylinder Housing, Brushed Chrome, Standard Cam	2
Corbin/Russwin	CR1070-134-A02-6-626	Yes	Corbin/Russwin 6 Pin Full Size Interchangeable Mortise Cylinder Housing, Brushed Chrome, Standard Cam	∞
Corbin/Russwin	CR1070-114-A03-6-626	Yes	Corbin/Russwin 6 Pin Full Size Interchangeable Mortise Cylinder Housing, Brushed Chrome, AdamsRite Cam	55
Corbin/Russwin	DL3213-626-CL6	No	Deadbolt, Grade 1, Brushed Chrome, Corbin/Russwin 6 Pin Full Size Interchangeable Mortise Cylinder Prep	10
Corbin/Russwin	CR3070-178-6-626-CL6	Yes	Corbin/Russwin 6 Pin Full Size Interchangeable Rim Cylinder Housing, Brushed Chrome	81
Corbin/Russwin	P657ET-613	No	Corbin/Russwin Pull Trim: P6 Nightlatch for ED7200	21
Corbin/Russwin	303F25-626	Yes	5/16" Collar for Aluminum Door Cylinder	23
Corbin/Russwin	267F97-626	Yes	5/8" Solid Cylinder Ring	6
Corbin/Russwin	631F288	No	Corbin/Russwin 6 Pin Full Size Interchangeable Core Tailpiece Kit for CL3100 Series	30
Don-Jo	BF-161-PC	Yes	Filler Plate, 2-5/8" Diameter	6
Don-Jo	EF-160-PC	Yes	Filler Plate, 1" x 2-1/4"	6
Don-Jo	EF-161S-PC	Yes	Filler Plate, 1-1/8" x 2-3/4"	6
Don-Jo	4-2-CW-630	Yes	Wrap Plate	3
Don-Jo	12-2-CW-630	Yes	Wrap Plate	2
Don-Jo	RP-13545-2-630	Yes	Remodeler Plate 9"	£
Don-Jo	AR-335-630	Yes	Door Thickness Adapter (2 in pack)	7
Paclock	LFIC-COR-2A-2" Shackle-RED	Yes	Padlock, Red Body, 2" Shackle Length, 5/16" Shackle Thickness, Corbin 6 pin Full Size Interchangeable Core	77
Paclock	Chain, Steel, 100 Series	Yes	Padlock Chain for 5/16" Shackle Thickness - Attached to padlocks at factory	77
Paclock	LFIC-COR-2173A-RED	Yes	Puck Lock, Red Body, Corbin 6 pin Full Size Interchangeable Core	10
Paclock	LFIC-COR-1A-2" Shackle-RED	Yes	Padlock, Red Body, 2" Shackle Length, 1/4" Shackle Thickness, Corbin 6 pin Full Size Interchangeable Core	207
Paclock	LFIC-COR-1A-3" Shackle-RED	Yes	Padlock, Red Body, 3" Shackle Length, 1/4" Shackle Thickness, Corbin 6 pin Full Size Interchangeable Core	39
Paclock	Chain, Steel, 90 Series	Yes	Padlock Chain for 1/4" Shackle Thickness - Attached to padlocks at factory	246
Kaba-ILCO	7160-26D	Yes	Mortise Dummy Cylinder 1"	1
Kaba-ILCO	869-00-10	Yes	Mortise Cylinder Lock Nut	1
AMSEC	HAS410	No	Intelligent Key Cabinet Emergency Release Tool Storage Safe	1
Key Systems	279	Yes	Tamperproof Key Ring 1"	16
Key Systems	278	Yes	Tamperproof Key Ring 1-5/8"	62
Key Systems	270	Yes	Tamperproof Key Ring 2"	62
Key Systems	277	Yes	Tamperproof Key Ring 3"	12
Key Systems	272	Yes	Tamperproof Key Ring 4"	4
Key Systems	281	Yes	Tamperproof Key Ring Starter Kit (includes tools)	1
Hudson Lock, LLC	HPC1200CMB Codecard C3	No	Restricted X4 CodeCard for HPC 1200CM	1
Hudson Lock, LLC	CW-1012	Yes	Cutter for HPC 1200CM	1
LuckyLine	26012	Yes	Brass Tag 1-1/4" (box of 100)	2
Schlage	ND94JDCO6-RHO-626-13-247-10-013-314EI	No	Classroom Lock Extended Inside RHR/LHR, Corbin 6 Pin Full Size Interchangeable Core	4
Schlage	ND10S-RHO-626-13-248-10-013-314EO	No	Passage Set Extended Outside RH/LH	4

Page 2 of 2

- Notes: Door List is sorted by Campus/Building/Floor Hardware groups indicated with gold background are core only. No hardware to install. Totals of each hardware group are at bottom of list. All Brentwood location is materials only.
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Prepared by: Matthew Slayter Complete Security, Inc. San Francisco, CA

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Room Use	Roof Hatch	Rollup	Concession Entry	Concession Rollup	Concession Side Door	Mens Restroom	Womens Restroom	Football Announcer Booth	Baseball Field	Baseball Conex	Softball Field	Softball Conex	Football Field Gates	Football Ticket Booth	Football Conex Box	Football Lighting Controls (NE corner of field)	Football Light Poles Shut Off	(on poles)	Transformer in NE corner of	Football Field	Entrance near 136A	(NUKIHWESI) Futrance		Freezer	Transformer North of Science	Police gate next to Chiller Plant and Tennis	Chiller Plant	PTEC Outside Lab behind Police Dent	Tennis Court	Tennis Tough Shed	SE Exit	Transformer SW of Student Union	Compactor in SU Yard	Servery Sliding door	Vestibule Upper Roof Hatch	B&G Outside cage storage	West	B&G Outside cage storage East	Mechanics Shop next to	111E2 1141144 DISA4	IUPIA AIIIIIN SCTN	PG&E Vault area Gates ONLY
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	S	High Voltage Controls ONLY inside PG&E Vault	ker	Grounds Shop	ocker	Grounds Personal Tool Locker 2	Grounds Personal Tool Locker		Grounds Personal Tool Locker 4	Grounds Personal Tool Locker 5	Grounds Personal Tool Locker 6	Grounds Personal Tool Locker 7	Grounds Personal Tool Locker 8	Grounds Personal Tool Locker 9	Grounds Personal Tool Locker 10	ded			rt to		/ard	asin	ot B	8	ot C		Transformer on East side of Lake	0	ates	et	Subtotals for hardware group: 33
	B&G Padlocks various locations	Voltage Controls C inside PG&E Vault	Backpack Sprayer Locker	dc	ool L	ool L	ool L	1	ool L	Tool Room (Wood boarded up)			Flammable Storage next to Fuel Pump	Grounds Conex Box	Garden fence by B&G yard	Rainwater Collection Basin Lot B	Solar Inverter gates Lot B	Transformer SE in Lot B	Solar Inverter gates Lot C	Duck/Goose Lake	st sic	Recyling Cans next to buildings	Campus Main Access Gates	Intelligent Key Cabinet	ware						
Room Use	adlocks va locations	Contr & E V	ayer	s Shc	T la L	nal T.	I I T	-	Tal T	Tlar	T la	T la	nal T.	nal T.	) Tal T	poo,	Tin Shed	Fuel Pump	ble Storage Fuel Pump	one)	by B	Collection Lot B	r gat.	, SE i	r gat	ose L	n Ea (e	ng Cans n buildings	Acce	ev C	- hard
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٩	372301-26 Aarona A		CB1070-138-A02-6-626 322301-26
	CL3100 see B1-B4	AB	CL3100 see AB1-AB4
5	CI 3151-NZD-626-CI 6, 322301-26	AB1	CI 3151-NZD-626-CI 6, 322301-26
B2	CL3155-NZD-626-CL6. 322301-26	AB2	CL3155-NZD-626-CL6. 322301-26
83	CL3157-NZD-626-CL6. 322301-26	AB3	CL3157-NZD-626-CL6, 322301-26
<b>B</b> 4	CL3155-NZD-626-CL6, 322301-26, Donio 4-2-CW	AC	CR3070-178-6-626-CL6, 322301-26
B5	CL3151-NZD-626-CL6, 322301-26, Donjo 12-2-CW	AD	CR3070-178-6-626-CL6, 322301-26
υ	322301-26	AE	CR3070-178-6-626-CL6, 322301-26
٥	322301-26	AF	CR3070-178-6-626-CL6, 322301-26
ш	CR1070-114-A02-6-626, 267F97-626, 322301-26	AG	CR1070-114-A02-6-626, 322301-26
Ľ	322301-26	АН	CR1070-114-A02-6-626, 322301-26
σ	CR1070-114-A03-6-626, 322301-26	AI	CR1070-114-A02-6-626, 322301-26
т	CR1070-114-A01-6-626, 322301-26	R	322301-26
-	322301-26	AK	CL3100 see AK1-AK3
-	CL3100 see J1-J3	AK1	not used
11	CL3151-NZD-626-CL6, 322301-26	AK2	CL3155-NZD-626-CL6, 322301-26
21	CL3155-NZD-626-CL6, 322301-26	AK3	not used
٤	CL3157-NZD-626-CL6, 322301-26	AL	CR3070-178-6-626-CL6, 322301-26
¥	DL3213-626-CL6, 322301-26	AM	not used
_	322301-26	AN	LFIC-COR-1A-2" Shackle-RED, Chain-Steel-for 1/4"
,			Shackle, 322301-26
Σ	322301-26	AO	not used
z	CL3100 see N1-N3	AP	322301-26
N1	CL3151-NZD-626-CL6, 322301-26	AQ	not used
N2	CL3155-NZD-626-CL6, 322301-26	AR	322301-26
N3	CL3157-NZD-626-CL6, 322301-26	AS	not used
0	322301-26	АТ	LFIC-COR-1A-3" Shackle-RED, Chain-Steel-for 1/4" Sharkle 200201-06
٩	322301-26	AU	not used
ø	P657ET-613, CR3070-178-6-626-CL6, 322301-26	AV	CR1070-114-A03-6-626, 303F25-626, 32301-26
٥		1010	222201-26
- 2			022001-20 not read
2 8	C13155-N7D-626-C16, 322301-20	2 2	1101 used 1 FIC-COR-2173S-RFD_222301-26
2	CL3157-NZD-626-CL6, 322301-26	AZ	not used
s	not used	BA	BF-161, EF-160, EF-161S
F	not used	BB	7160-26D, 869-00-10, 303F25-626
∍	322301-26	BC	not used
>	322301-26	BD	Intelligent Key Cabinet and accessories
>	LFIC-COR-1A-3" Shackle-RED, Chain-Steel-for 5/16" Shackle,	BE	ND94JDCO6-RHO-626-13-247-10-013-314EI,
:	322301-26	2	322301-26, AR-335-630, 322301-26
×	322301-26	BF	ND105-RHO-626-13-248-10-013-314EO,RP-13545- 2-630 AR335-630
>	CB1070-111-003-6-636 233201-36	58 BG	D105-RHO-626-13-248-10-013-314EO, RP-13545-
F	CKIU/U-II4-AU2-0-020, 3223U1-20	0	2-630, AR-335-630
z	322301-26		

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	Existing Hardware	ardware		Hardware Desires	re Desii	es
1	A Adams Rite Mort 613 IC	AA Corbin Mort Panic Bar Non IC 613, 138 length mort cyl	٩	Needs 613 IC cylinder	AA	Needs 613 housing ? Cam + IC cylinder
ш	Corbin Knob KIL 613 2 3/4 Backset	AB Corbin Lever 626 Non IC	8	Needs 613 2 3/4 backset lever IC + cylinder		Needs 626 2 3/4 backset lever IC + cylinder
-	C Corbin Lever 626 IC	AC Von Duprin Rim Non IC 626	U	Needs 626 IC cylinder	AC	Needs 626 Rim housing IC + cylinder
-	D Sliding Door Non IC 613	AD Von Duprin Concealed Vertical Rod Non IC 613		Needs custom door hardware + cylinder	AD	Needs 613 Rim housing IC + cylinder
	E Kwikset Mortise 613	AE Von Duprin Concealed Vertical Rod Non IC 626	ш	Needs 613 housing ? Cam + IC cylinder	AE	Needs 626 Rim housing IC + cylinder
-	F Padlock IC	AF Von Duprin Rim Non IC 613	ш.	Needs IC cylinder	AF	Needs 613 Rim housing IC + cylinder
0	G Adams Rite Mort Non IC 613	AG Mort Cyl standard Cam Non IC	9	Needs 613 Housing with AR Cam + IC cylinder	AG	Needs 626 Housing with standard cam + IC cylinder
-	H Corbin Mort Non IC 613	AH Corbin Mort Deadbolt Non IC 613	Ŧ	needs 613 housing with corbin cam + IC cylinder	ΗМ	Needs 613 Housing with standard cam + IC cylinder
	I Corbin Mort IC Standard Cam	AI Schlage IC Mort	-	Needs 626 IC cylinder 626	Ы	Needs 626 Housing with standard cam + IC cylinder
-	J Corbin Lever Non IC 2-3/4 Backset	AJ Von Duprin Rim IC 613	-	Needs 613 2 3/4 backset lever IC + cylinder	A	Needs 613 IC cylinder
-	K Corbin Deadbolt 613 2-3/4 Backset	AK Sargent 11 Series 626	×	Needs 613 IC deadbolt 2-3/4 Backset + Cylinder	AK	Needs 626 2 3/4 backset lever IC + cylinder
- 2 2	<ul> <li>L Old Schlage Keypad 613 IC Mort</li> <li>M VonDuprin Rim 626 IC</li> <li>N Corbin Lever 613 Non IC</li> </ul>	AL Schlage IC Rim 626 AM Kwikset Lever 626 AN Master padlock short	⊐Σz	Need 613 IC cylinder Needs 626 IC cylinder Needs 613 2 3/4 backset lever IC + cylinder	AL AM AN	Needs 626 Rim housing IC + cylinder Needs 626 2 3/4 backset lever IC + cylinder Needs IC padlock 2 inches
5	O Von Duprin Concealed Vertical Rod 626 IC	AO CO 200 vonduprin KiL 626	0	Needs 626 IC cylinder	AO	CO 200 vonduprin KiL 626 what to do?
-	P Corbin Lever 613 IC	AP Adams rite 626 IC	4	Need 613 IC cylinder	AP	Needs 626 IC cylinder
5	Q Corbin Rim Panic Bar Non IC 613	AQ C0200 626 KiL	ď	Needs 613 Rim housing IC + cylinder + plate?	AQ	CO200 626 KiL what to do?
- 0	R Corbin Knob 626 2-3/4 Backset	AR Vonduprin Mortise 626 IC AS Corbin padlock 3 inches	ж v	Needs 626 2 3/4 backset lever IC + cylinder Need 613 IC cylinder	AR AS	Needs 626 IC cylinder Needs IC nadlock short 3 inches
-		AT Master padlock 3 inches	-	Needs 613 Rim housing IC + cylinder + plate?		Needs IC padlock short 3 inches
2	U Yale Keypad IC 613	AU Corbin padlock 2 inches	>	Need 613 IC cylinder	AU	Needs IC padlock 2 inches
-	V Von Duprin Concealed Vertical Rod 613 IC	AV Adams rite C keyway 626	>	Need 613 IC cylinder	AV	Needs 626 Housing with AR Cam + IC cylinder
>	W Padlock Non IC	AW Corbin Rim panic 626 IC	3	Needs IC padlock	AW	Needs 626 IC cylinder
	X Corbin Deadbolt IC 626	AX Old schlage keypad 626 non IC	×	Needs 626 IC cylinder	AX	Needs 626 IC housing standard cam + cylinder
~	Y Emhart Mort Non IC 626, 134 length cyl	AY Pucklock not IC	>	Needs 626 housing ? Cam + IC cylinder	Aγ	Needs IC puck lock + cylinder
,	Z Corbin IC Mort 626	AZ non IC rim for 2si	z	Needs 626 IC cylinder	AZ	Needs 626 Rim housing IC + cylinder
L						

BA Needs deadbolt covers

**BA** Deadbolt to be removed and cover plates