



ADDENDUM NO. 01
April 5, 2024

To Proposal Bid Package

DISTRICT-WIDE ACCESS CONTROL UPGRADES
PACKAGE 2
CLOVIS UNIFIED SCHOOL DISTRICT



Notice to Bidders:

- A. Receipt of this Addendum shall be acknowledged on the Bid Form.
- B. This Addendum forms part of the Contract documents for the above referenced project and shall be incorporated integrally therewith.
- C. Each bidder shall make necessary adjustments and submit his proposal with full knowledge of all modifications, clarifications, and supplemental data included therein. Where provisions of the following supplemental data differ from those of the original Contract Documents, this Addendum shall govern.

GENERAL

- Item No 01** Contractor Pre-Proposal Sign-in Sheet from campus walkthrough's provided for reference.
- Item No 02** See attached REVISED Summary Of Work to be included as a part of this contract.

SPECIFICATIONS

- Item No 01** **Section 01 25 00 – Substitution Procedures**
 - a. Added Substitution Request Form
- Item No 02** **Section 28 13 00 – Access Control System**
 - a. Section 2.3 Components, Item C
 - 1. Do not provide RS2 Web / REST API Licensing Option. District has already purchased separately.

DRAWINGS

- Item No 01** **Sheet 2-CEH-AC16 – Clovis East HS – Classroom 600 – First Floor**
 - a. Added photos of Classroom Door 08.
 - b. Update door hardware to include armored loop in lieu of electric hinge
- Item No 02** **Sheet 2-CEH-AC35 – Clovis East HS – West Gym**
 - a. Added card reader and identified weight room door on plan. Photos already shown on door photo sheets.
- Item No 03** **Sheet 2-FCC-AC5 – Fancher Creek Elementary – Library**
 - a. Removed library classroom door from needing card reader. Remove reference to reader, door hardware and associated cabling.
- Item No 04** **Sheet 2-FCC-AC6 – Fancher Creek Elementary – Library Photos**
 - a. Removed photos of library classroom door.



- Item No 05** **Sheet 2-FCC-AC8 – Fancher Creek Elementary – MPR**
a. Remove exterior door FCC-BMPR-DR05 from scope of work. Remove reference to reader, door hardware and associated cabling.
- Item No 06** **Sheet 2-FCC-AC10 – Fancher Creek Elementary – MPR Photos**
a. Removed photos of Door 05 at MPR.
- Item No 07** **Sheet 2-ORZ-AC2 – Oraze Elementary – Administration**
a. Modified routing of homerun cabling from door readers back to main access control panel to reduce the amount of surface mounted raceway needed for cabling installation.
- Item No 08** **Sheet 2-RIS-AC18 – Reyburn Intermediate - MPR**
a. Updated IDF layout for existing network rack location.
- Item No 09** **Sheet 2-RIS-AC20 – Reyburn Intermediate - MPR Photos**
a. Updated photos of existing telecom / electrical room in MPR Building
- Item No 10** **Sheet 2-TKE-AC8 – Temperance Kutner Elem - MPR**
a. Updated location of existing network rack and new access control panel.
b. Added keyed note to existing electrical panel at stage

End of Addendum 01

SUMMARY OF WORK – ADM 1

PART 1 - GENERAL

1.01 SUMMARY

- A. General: Construction of BASE BID and Alternate portions of the work for **Clovis Unified School District – Campus Security Improvement Project PHASE 2** Fresno/Clovis, California. BASE BID and Alternate portions of the work is defined as all material, labor, equipment and services necessary to do all work shown on the drawings and called for in the Specifications.

General Summary of the Project

The following information applies to all Bid packages and shall be reviewed carefully for inclusion in each bid. Following are critical logistics related to the Project:

1. Construction of new door lockdown system and improved PA system including all necessary new door hardware, card readers, cabling, power supplies, new speakers, integration into district system, demo and patch of any disturbed finishes.
2. All work for the project will be performed during the hours of 7:00a.m to 3:30 p.m. Work will be performed on an active campus with students and teachers present.
3. Submittals and material procurement shall begin immediately upon award or letter of intent from the District.
4. Material procurement is critical and shall be diligently pursued to meet the contract schedule.
5. Bid packages shall review the project completely prior to bidding the work.
6. Any substitution of details or materials must be pre-approved by the Architect, engineers and DSA. All substitution requests must be submitted per Notice To Contractors. Bid Packages are responsible for all costs and time delays required for substitution approval.

In addition to the summary of work for each Bid Package, the following will apply and become a part of the contract with each respective Bid package.

Storm Water Pollution Prevention Plan and Dust Control

1. Not Applicable.

Alternates

1. None.

Submittals and material procurement

1. Submittals and material procurement shall begin immediately upon award or letter of intent from the District.
2. Material procurement is critical and shall be diligently pursued to meet the contract schedule.

Schedule

1. Bid packages shall review the project and schedule completely prior to bidding the work.
2. The bid package will be required to provide a schedule and crew sizing showing how the work will be accomplished within the given time frame.
3. Per the Bid Schedule, Bid Packages will be on multiple sites simultaneously. Primes Contractors shall anticipate multiple crews to complete the work on time.

Crew Sizes

1. All bid packages shall review the schedule and confirm that they can crew the project accordingly prior to submitting a bid. Include with each bid minimum and maximum crew sizes projected for the project.

State Agency Requirements

1. All work shall comply with OSHA requirements.

Coordination of work

CLOVIS USD CAMPUS SECURITY IMPROVEMENT PROJECT PHASE 2

SUMMARY OF WORK

PAGE 2

1. Coordination of work during the preconstruction period is equally as critical to resolving all issues prior to the start of work. Bid package shall review the project, coordinate and question any issues to allow resolution prior to the start of work.
2. Review and verify all existing conditions.
3. Provide all necessary temporary utilities for own work.
4. All bid packages shall attend coordination meetings and provide coordination drawings for work related to other trades. Note conflicts and provide potential solutions to the architect for review. Coordination and drawing approval must occur prior to start of work. Bid packages shall attend a pre-installation meeting prior to the start of their work onsite. All bid packages shall be available for pre-installation meetings of other bid packages for coordination of related work.
5. Provide written request for information through the CM for layout information from related trades.
6. Request and review all associated shop drawings for coordination and layout purposes prior to installation of related materials.
7. Review all as-builts prior to starting work.

Site Logistics:

1. Only company vehicles are allowed onsite. No tool drop-off or parking by personal vehicles will be allowed. Bid package to make provisions for transport or tool distribution needs.
2. Lunch and breaks shall be at designated areas only. No other areas will be allowed.
3. Storage areas will be confined to the areas designated by the CM. Staging areas around the building shall be coordinated with the CM. Storage onsite will be controlled due to limited space available.
4. Daily cleanup and off haul is required for each trade for their own work debris.

General Items to be provided by each bid package:

1. Protect all work, new and existing, from damage until acceptance by owner.
2. Provide water and shade for own crews.
3. Furnish all access to roof for own work if applicable.
4. Furnish and install own floor protection as needed(Tarps, plastic, plywood, etc needed to protect work for own scope)
5. Furnish and install all physical layout for own work.
6. Each bid package will be responsible for removal from the site of all debris generated by each bid package. Contractors are expected to provide vacuum clean up at work area each day.
7. Secure all ladders and lifts each evening.
8. Provide protection of all roofing when own work requires access on the roofing systems.
9. Provide caution tape and/or barriers for open area work and traffic control.
10. Provide safe condition for own installations so as not to expose any person to a safety hazard per OSHA regulations.
11. Any substitution of details or materials must be pre approved by the Architect, Engineers and DSA. All substitution requests must be submitted to MWC prior to bid. This bid package is responsible for all costs and time delays required for substitution approval.
12. Review as-builts prior to starting work.
13. Provide copy of daily reports to Construction Manager each day work is performed on site.
14. Provide copy of weekly safety meeting sign in sheet to Construction Manager each week work is performed on site.
15. This project will be constructed on an active campus during school hours. Work will be performed around students and teachers. All employees working on site shall wear badges and pass CUSD background check. Any communication with teachers/students will not be acceptable and employees will be removed from the jobsite immediately. Any work that needs to be performed in/above classrooms will need to be completed before or after school. Early morning after school shifts may be necessary to meet schedule requirements.

CSI-01a– Door Hardware

Furnish and install all work specifically required throughout the project documents to complete the work of this bid package that specifically includes, but is not limited to the following:

Specification Sections

DIVISION 00

DIVISION 01

08 11 13	HOLLOW METAL DOORS AND FRAMES
08 71 00	DOOR HARDWARE
09 91 23	PAINTING

Refer to additional related specifications sections for work specifically included in this bid package noted below

General Items

1. Furnish and install all layout for own work.
2. Provide all power for own work.
3. Provide full time supervision for own work/subcontractors while work is being performed on site at each campus location.
4. Provide storage container for construction materials/supplies. Material will not be allowed to be stored inside buildings.
5. See General Notes at beginning of summary of work specification section for other items.

Coordination with Other Trades –

1. Coordinate physical connection to door hardware with low voltage contractor.
2. Coordinate student access to allow proper student flow.

Furnish and Install Items

1. Furnish and install all door hardware. Refer to FOB items below for items to be installed by electrical package. Remove any existing door hardware required for installation of new hardware and turn over to District.
2. Drill all necessary holes in doors and frames as required to allow for installation of own work.
3. Provide X-Ray scanning and coring for any holes required in concrete/CMU walls/ceilings.
4. Furnish and install new doors/frames where shown.
5. Furnish and install key cores. Coordinate with District prior to start of work on each site.
6. Furnish and install any cover plates as shown on drawings to cover any existing holes in doors/frames.
7. Furnish and install any necessary patchwork/paint to damaged adjacent finishes as a result of installation of new door frames.
8. Furnish and install paint at new doors/frames.
9. Furnish and install temporary barrier at work locations to separate student/staff from work area (delineators, caution tape, etc.)
10. Furnish and install Velcro strap at panic hardware to “dog down” doors as needed during gap between installation of new door hardware and completion of low voltage equipment installation.
11. Include in bid ~~5000~~ **\$20,000** allowance for touch up paint at existing doors receiving new hardware where paint touch up is required. ***This work will be performed on T&M. ADM 1***

FOB Items

- ~~1. Furnish FOB jobsite door hardware power supplies/battery backups to be installed by the Electrical/Low Voltage Contractor. ADM 1~~

Installation of FOB Items

1. None

End of Bid Package

CSI-02a – Electrical & Low Voltage

Furnish and install all work specifically required throughout the project documents to complete the work of this bid package that specifically includes, but is not limited to the following:

Specification Sections

DIVISION 00

DIVISION 01

06 10 00	ROUGH CARPENTRY
08 41 13	ALUMINUM FRAMED ENTRANCES AND STOREFRONTS
08 80 00	GLASS AND GLAZING
09 91 23	PAINTING
26 00 00	GENERAL ELECTRICAL
26 05 00	COMMON WORK RESULTS FOR ELECTRICAL
27 10 00	STRUCTURED CABLING SYSTEM
27 51 13	PAGING SYSTEMS
28 31 00	ACCESS CONTROL SYSTEM

Refer to additional related specifications sections for work specifically included in this bid package noted below

General Items

1. Furnish and install all layout for own work
2. Provide all power for own work.
3. Provide full time supervision for own work/subcontractors while work is being performed on site.
4. Provide storage container for construction materials/supplies. Material will not be allowed to be stored inside buildings.
5. See General Notes at beginning of summary of work specification section for other items

Coordination with Other Trades

1. Coordinate physical connection to door hardware with hardware contractor.
2. Coordinate student access to allow proper student flow.
3. Provide use of electrical equipment and devices as required by the Construction Manager for testing of equipment prior to final acceptance, which will not initiate the warranty period until filing of notice of completion.

Furnish and Install Items

1. Furnish and install all required cabling for door lock and PA systems.
2. Provide X-Ray scanning and coring for any holes required in concrete/CMU walls/ceilings.
3. Furnish and install all surface mounted raceways for any cabling that can not be run inside walls/ceilings/frames. Wiring shall be routed through storefront/HM frames where possible. Grout filled frames shall receive surface mount wiremold. Emergency push button at front office desk shall be installed in wall adjacent to reception desk. Coordinate exact location with Owner prior to installation. Wiring to be concealed inside wall where possible.
4. Furnish and install surface mount EMT conduit in gymnasiums. Paint conduit to match adjacent surroundings.
5. Furnish and install ceiling wires and cable supports for cabling running above accessible ceiling. Brace every 4'.
6. Remove and reinstall any glass in storefront/HM systems as required for access to own work.
7. Remove and reinstall acoustical ceiling tiles as required for access to own work. Any damaged tiles shall be replaced at contractors expense.
8. Furnish and install firestopping for own work as required at any penetrations through fire walls.
9. Furnish and install all access doors necessary to provide access to work included in this bid package. Provide required ceiling/soffit framing for installation of access doors. Paint access doors.
10. Furnish and install watertight closures at all penetrations through exterior walls.
11. Furnish and install all new speakers and cabling for PA system upgrade as shown on drawings. Make physical connection to existing system.
12. Drill all necessary holes/sleeves in walls, doors, and frames as required to allow for installation of own work.
13. Furnish and install all security/access control panels and power supplies for all buildings as required.
14. Make final connection/termination where cabling connects to door hardware.
15. Furnish and install power for door notifier/power supplies/battery back ups. Provide power from existing electrical panel to equipment location as called out on plans.

16. Furnish and install emergency push button located at front desk as indicated on drawings.
17. Furnish and install lockable enclosure panel for all power supplies and battery back ups to allow for clean installation and to eliminate potential vandalism to equipment exposed to public view. Refer to drawings for exact locations and sizes.
18. Furnish and install network cabling to access control equipment.
19. Furnish and install card readers, security wiring, and headend equipment as specified.
20. Furnish and install interface relays, door position contacts, and request to exit devices.
21. Provide necessary patch/paint for damages (if any) to adjacent surroundings caused by installation of new materials installed under this contract.
22. Furnish and install temporary barrier at work locations to separate student/staff from work area (delineators, caution tape, etc.)

FOB Items

1. None

Installation of FOB Items

- ~~1. Install power supplies/battery back ups furnished FOB by Door Hardware Contractor. ADM 1~~
2. Any equipment/material provided FOB from the door hardware bid package and installed by this bid package, the installing contractor shall meet all certifications/licensing requirements necessary to install and warranty the product.

End of Bid Package

REQUEST FOR SUBSTITUTION

Contract Award Date:

To:

Substitution Requested By:

Project Name and Number:

We submit for consideration the following product in lieu of the specified item for the above Project:

Drawing No.	Specification Section	Paragraph	Specified Item
_____	_____	_____	_____

Proposed Substitution:

Request is made during ____ bidding ____ construction period.

Submit in accordance with Section 01 33 00: Submittal Procedures.

1. Technical data, cost, and time information relating to changes to Construction Documents required by proposed substitution.
2. Detailed comparison of proposed substitution and specified product including but not limited to warranty, significant variations, qualifications of manufacturers, and maintenance.
3. Complete technical data, detailed shop drawings, samples, installation procedures, warranty, and substantiating data marked to indicate equivalent quality and performance to that specified. Manufacturer sell sheets are not acceptable submittals.

Cause for Request:

Cost saving realized by Owner:

Does substitution affect adjacent Work, Construction Documents, cost, schedule, quality, and related submittals?

Yes ____ No ____ On separate sheet, explain affects to the Work, documents, schedule, and submittals.

Contractor is responsible for associated costs and additional time of the proposed substitution including costs incurred by the Architect for evaluation of substitution and changes to the documents. Describe costs for changes to design, including engineering and detailing costs caused by the requested substitution.

Warranty: Is the warranty for the requested substitution the same or different? Yes ____ No ____

Explain Differences:

Contractor Certification:

In making a request for substitution, Contractor certifies that:

- 1. The proposed substitution has been thoroughly researched and evaluated and determined as equivalent or superior to specified product or material, will fit into space provided, and is compatible with adjacent materials.
- 2. It will provide the same or better warranty for the proposed substitution at no additional cost to the Owner.
- 3. Cost data is complete and includes related costs under the Contract. Claims for additional costs related to the proposed substitution that may subsequently become apparent are waived.
- 4. It will assume the responsibility for delays and costs caused by the proposed substitution, if approved, are accepted by Contractor unless delays are and costs are specifically mentioned and approved in writing by the Owner and the Architect.
- 5. It will assume the liability for the performance of the substitution and its performance.
- 6. The installation of the proposed substitution is coordinated with the Work and with changes required for the Work.
- 7. It will reimburse the Owner and Architect for evaluation and redesign services associated with the substitution request and, when required, by approval by governing authorities.

_____ Has the substituted manufacturer/product been installed on previous PBK projects?_

If so, list project(s): (List projects within the last two years)

1. _____

District: _____

Contact: _____

2. _____

District _____

Contact: _____

Submitted by:

Signature of Contractor

Title

Firm

Telephone

Date

Signature shall be by the individual authorized to legally bind Contractor to the above terms. Failure to provide legally binding signature will result in retraction of approval.

FOR USE BY ARCHITECT:

___ Accepted
___ Not Accepted

___ Accepted as Noted
___ Received Too Late

FOR USE BY OWNER:

___ Accepted ___ Not Accepted

By: _____

By: _____

Date: _____

By: _____

Remarks: _____

Remarks: _____

END OF SECTION 01 25 00



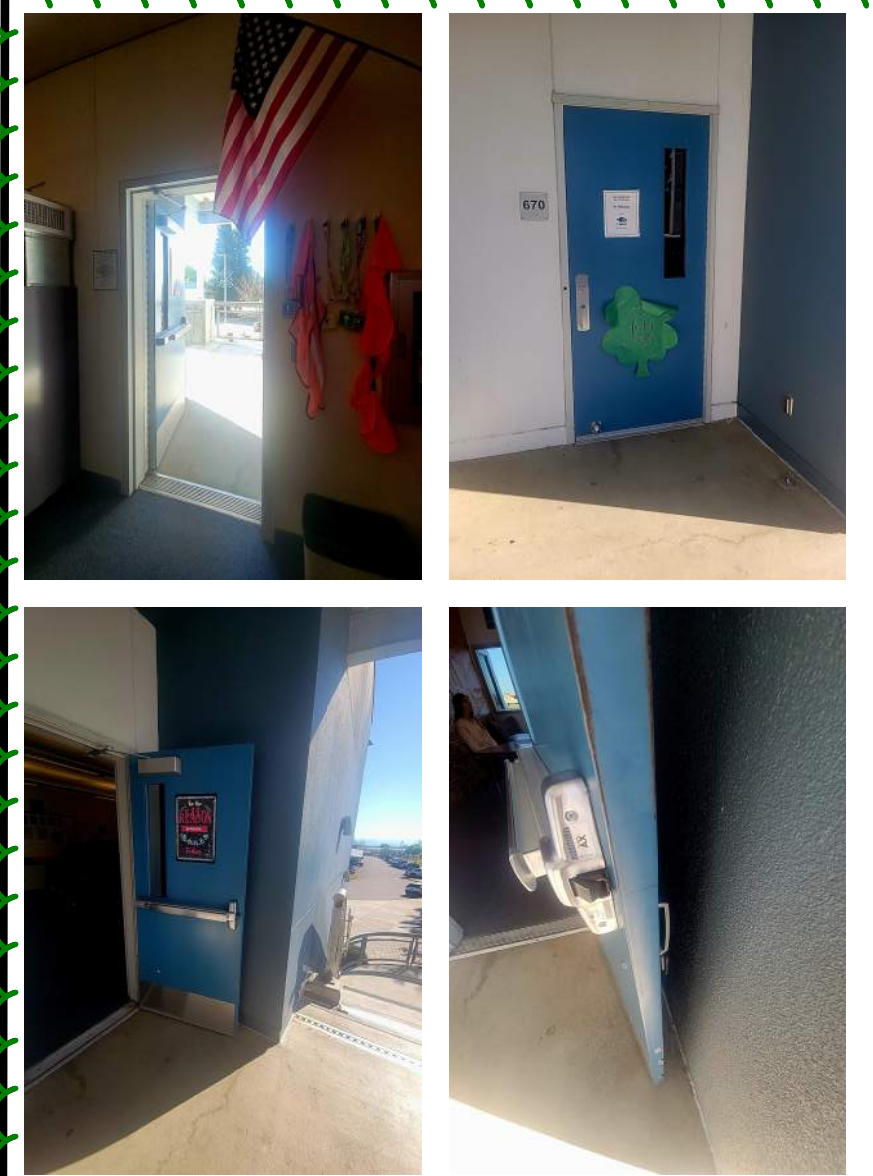
01 OVERALL PHOTOS OF CLASSROOM BLDG 600 SECOND FLOOR



02 DOOR: CEH-B600-DR07 DOOR HARDWARE SET: #06

HW GROUP NO. 06

QTY	EA	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CORD	798C-18	626	SCE
2	EA	99 LD COVER PLATE	050589	628	VON
1	EA	QEL CONVERSION KIT	040063		VON
1	EA	CARD READER POWER SUPPLY	BY WORK OF DIVISION 28 BY WORK OF DIVISION 28 RE-USE BALANCE OF EXISTING HARDWARE		



03 DOOR: CEH-B600-DR08 DOOR HARDWARE SET: #17

HW GROUP NO. 17

QTY	EA	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	ELECTRIC HINGE	5BB1HW 4.5 X 4.5 CON TW8	652	IVE
1	EA	ELEC PANIC HARDWARE	RX-QELX-PA-AX-99-NL-CON	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	CARD READER POWER SUPPLY	BY WORK OF DIVISION 28 BY WORK OF DIVISION 28 RE-USE BALANCE OF EXISTING HARDWARE		

CHANGE TO DOOR CORD WITH 626 FINISH DUE TO CONTINUOUS HINGE CONFIGURATION



DISTRICT-WIDE ACCESS CONTROL UPGRADES
PACKAGE #2



MARK	DATE	ISSUE
	03/18/24	ISSUE FOR PROPOSAL

ACCESS CONTROL - CLOVIS EAST HS
PHOTOS - CLASSROOM 600 - FIRST FLOOR

2-CEH-AC16

ACCESS CONTROL - GENERAL NOTES:

ALL LOW VOLTAGE CABLING IN EXPOSED AREAS SHALL BE INSTALLED IN SURFACE MOUNTED RACEWAY OR CONDUIT

ALL EXPOSED CONDUIT IN PUBLIC SPACES SHALL BE PAINTED TO MATCH EXISTING WALL OR CEILING COLOR

ALL ACCESS CONTROL WIRING SHALL BE GREEN IN COLOR

ALL LOW VOLTAGE WIRING NOT INSTALLED IN CONDUIT SHALL BE SUPPORTED EVERY 5' MINIMUM FROM APPROVED CABLING SUPPORT SYSTEM CONNECTED BACK TO BUILDING STRUCTURE

COORDINATE WITH OWNER TECHNOLOGY DEPARTMENT ON LABELING AND TERMINATION PUNCHDOWN OF NEW DATA CABLING ASSOCIATED WITH ACCESS CONTROL SYSTEM

CONTRACTOR TO REPAIR ANY HOLES IN EXISTING DOORS AND FRAMES AS A RESULT OF HARDWARE REPLACEMENT. CONTRACTOR TO REPAINT FRAMES AND DOORS TO MATCH EXISTING SURROUNDING COLOR FOR ANY AREAS EXPOSED WHERE OLD HARDWARE WAS REMOVED.

CONTRACTOR TO COORDINATE WITH OWNER ON ALL PROGRAMMING AND DOOR NUMBERING REQUIREMENTS ASSOCIATED WITH ACCESS CONTROL SYSTEM PRIOR TO ANY WORK TAKING PLACE

CONTRACTOR IS RESPONSIBLE FOR PROVIDING BUILDING MAPS FOR EACH CAMPUS BUILDING AND INTEGRATING WITH ACCESS CONTROL DOOR LOCATIONS TO INDICATE DOOR STATUS AND PROVIDE REMOTE OPERATION OF DOORS THRU ACCESS CONTROL SYSTEM

CONTRACTOR IS REQUIRED TO PROVIDE ALL DOOR HARDWARE, WIRING AND POWER SUPPLIES ASSOCIATED WITH THE INSTALLATION OF ACCESS CONTROL SYSTEM.

CONTRACTOR TO PROVIDE 120V, POWER, CONDUIT, WIRING AND BREAKERS ASSOCIATED WITH PROVIDING POWER TO ACCESS CONTROL PANELS AND DOOR POWER SUPPLIES

CONTRACTOR SHALL COORDINATE WITH OWNER ON THE TRANSITION AND SCHEDULING OF ACCESS CONTROL SYSTEM ONCE ITS READY TO ACTIVATE FOR EACH BUILDING

CONTRACTOR SHALL MAINTAIN EXISTING WALL RATINGS FOR ANY PENETRATIONS THRU EXISTING RATED WALLS AS A RESULT OF ANY NEW CABLING BEING INSTALLED.

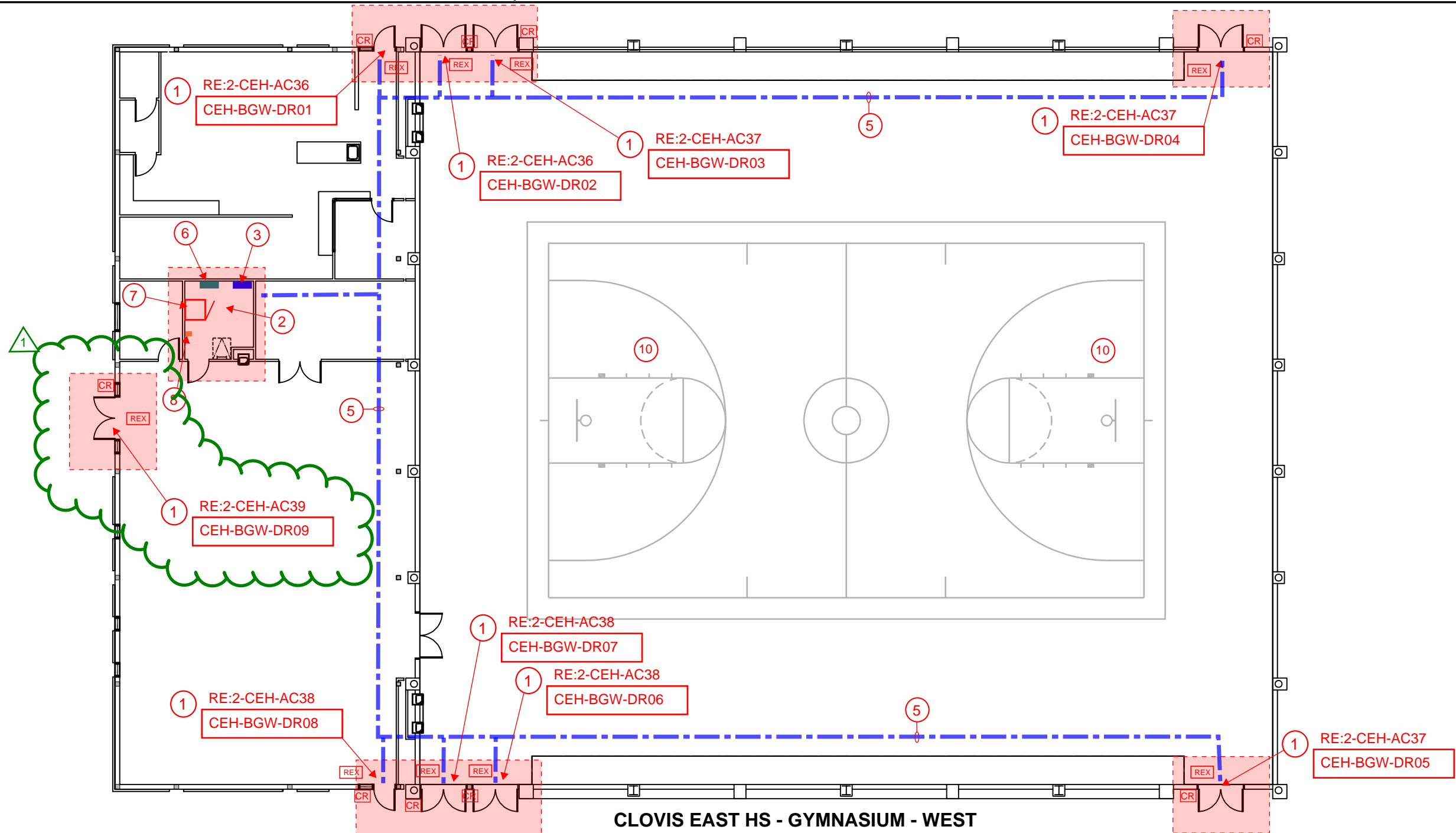
CONTRACTOR SHALL INSTALL A REQUEST TO EXIT "REX" DEVICE FOR ALL DOORS RECEIVING A CARD READER AND ELECTRIFIED HARDWARE INTERFACE. REX DEVICE SHALL PROVIDE STATUS OF BOTH DOORS. DEVICE TO BE WALL OR CEILING MOUNTED TO PROVIDE PROPER COVERAGE OF EXIT PATHWAY

ACCESS CONTROL - KEYED NOTES:

- ① THIS DOOR SHALL RECEIVE A NEW CARD READER. CONTRACTOR SHALL REFER TO DOOR HARDWARE SCHEDULE FOR WORK SCOPE REQUIRED. PROVIDE ALL NEW HARDWARE, WIRING AND TERMINATIONS REQUIRED TO INSTALL NEW CARD READER AND ELECTRIFIED DOOR HARDWARE
- ② LOCATION OF EXISTING MDF/IDF ROOM. ALL NEW ACCESS CONTROL PANELS AND DOOR POWER SUPPLIES SHALL BE INSTALLED IN THIS ROOM.
- ③ LOCATION OF NEW ACCESS CONTROL PANEL AND DOOR POWER SUPPLIES SHALL BE MOUNTED ON THE WALL AT THIS LOCATION. CONTRACTOR TO INSTALL NEW CATEGORY 6 DATA CABLE FROM NEW ACCESS CONTROL PANEL BACK TO EXISTING PATCH PANEL IN EXISTING DATA RACK AND TERMINATE ON AVAILABLE PORT. CONTRACTOR TO INSTALL NEW WIRING IN SURFACE MOUNTED RACEWAY OR ROUTED ON EXISTING LADDER RACK FROM ACCESS CONTROL PANEL BACK TO RACK. CONTRACTOR TO INSTALL NEW 120V, 20A DUPLEX RECEPTACLE IN ACCESS CONTROL PANEL AND CONNECT BACK TO EXISTING ELECTRICAL PANEL.
- ④ FRONT ADMINISTRATION AREA TO RECEIVE NEW WALL MOUNTED LOCKDOWN BUTTON WITH COVER IN THIS AREA. COORDINATE WITH OWNER ON FINAL LOCATION OF BUTTON PRIOR TO INSTALLATION. CONTRACTOR TO PROVIDE LABELING OF BUTTON TO INDICATE "LOCKDOWN" ON COVER. BUTTON SHALL BE BLUE IN COLOR.

- ⑤ APPROXIMATE ROUTE OF MULTICONDUCTOR ACCESS CONTROL CABLE FROM ACCESS CONTROL DOOR BACK TO HEADEND PANEL LOCATED IN MDF/IDF ROOM. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NEW RACEWAY OR ACCESS PANELS REQUIRED TO INSTALL ACCESS CONTROL WIRING ABOVE INACCESSIBLE CEILINGS. ALL WIRING SHALL BE PROPERLY SUPPORTED FOR FULL RUN. ANY WIRING PENETRATIONS PASSING THRU RATED WALL SHALL MAINTAIN WALL RATING AFTER WIRING IS INSTALLED.
- ⑥ LOCATION OF EXISTING 120V ELECTRICAL PANEL. CONTRACTOR TO ROUTE NEW 120V, 20A BRANCH CIRCUIT FROM NEW ACCESS CONTROL PANEL BACK TO THIS LOCATION. CONTRACTOR SHALL INSTALL NEW 120V, 20A BREAKER IN AVAILABLE SPACE IN THIS PANEL.
- ⑦ LOCATION OF EXISTING FLOOR MOUNTED NETWORK RACKS. ALL NEW DATA CABLING SHALL BE ROUTED BACK TO THIS LOCATION AND TERMINATED ON EXISTING PATCH PANEL.
- ⑧ LOCATION OF EXISTING INTERCOM WALL MOUNTED PUNCHDOWN BLOCK. ALL NEW SPEAKERS SHALL BE ROUTED BACK TO THIS LOCATION AND TERMINATED ON TERMINAL STRIP. CONTRACTOR TO CONFIGURE EXISTING INTERCOM SYSTEM TO ADD ANY NEW EXTERIOR SPEAKER AND ZONES TO EXISTING SYSTEM AS REQUIRED.

- ⑨ CONTRACTOR TO INSTALL NEW WALL MOUNTED, EXTERIOR GRADE, NON-POWERED SPEAKER, WHITE IN COLOR AT THIS LOCATION AND CONNECT BACK TO EXISTING LOCAL BUILDING INTERCOM TERMINAL STRIP AT EXISTING MDF/IDF LOCATION.
- ⑩ THIS AREA HAS AN OPEN CEILING AREA OR INACCESSIBLE CEILING AREA. CONDUIT WILL BE REQUIRED TO ROUTE THRU OPEN AREAS OR ACCESS PANELS NEEDED TO ACCESS ABOVE INACCESSIBLE CEILINGS TO ALLOW CABLING TO BE INSTALLED.
- ⑪ CONTRACTOR TO INSTALL NEW WALL MOUNTED, EXTERIOR GRADE, POWERED SPEAKER, WHITE IN COLOR AT THIS LOCATION AND CONNECT BACK TO EXISTING LOCAL BUILDING INTERCOM TERMINAL STRIP AT EXISTING MDF/IDF LOCATION. PROVIDE LOCAL POWER TRANSFORMER AND TERMINATIONS REQUIRED TO POWER SPEAKER



CLOVIS EAST HS - GYMNASIUM - WEST
SCALE: 1/16"=1'-0"



DISTRICT-WIDE ACCESS CONTROL UPGRADES PACKAGE #2



MARK	DATE	ISSUE
	03/18/24	ISSUE FOR PROPOSAL

ACCESS CONTROL - CLOVIS EAST HS GYMNASIUM - WEST

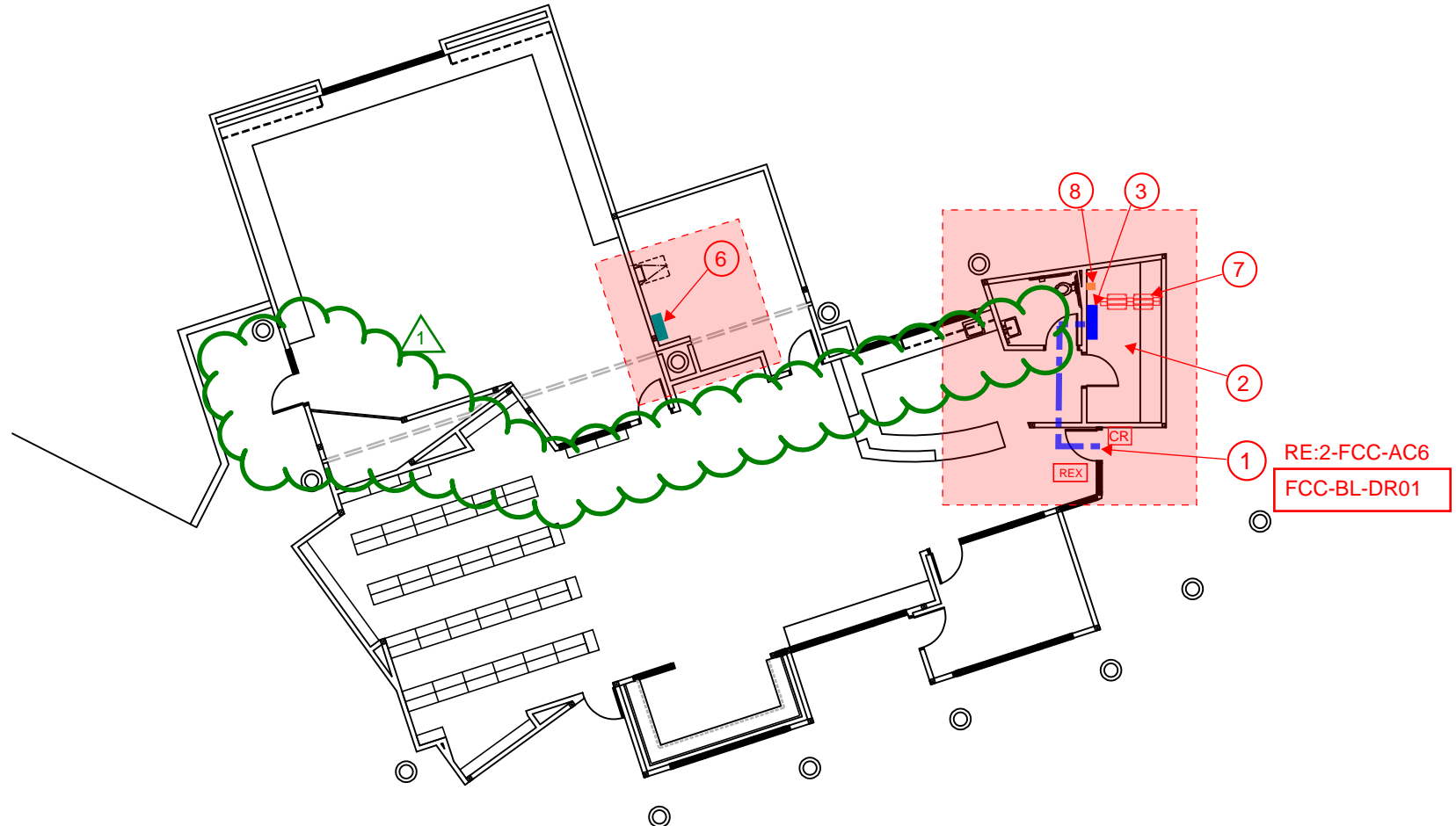
2-CEH-AC35

ACCESS CONTROL - GENERAL NOTES:

- ALL LOW VOLTAGE CABLING IN EXPOSED AREAS SHALL BE INSTALLED IN SURFACE MOUNTED RACEWAY OR CONDUIT
- ALL EXPOSED CONDUIT IN PUBLIC SPACES SHALL BE PAINTED TO MATCH EXISTING WALL OR CEILING COLOR
- ALL ACCESS CONTROL WIRING SHALL BE GREEN IN COLOR
- ALL LOW VOLTAGE WIRING NOT INSTALLED IN CONDUIT SHALL BE SUPPORTED EVERY 5' MINIMUM FROM APPROVED CABLING SUPPORT SYSTEM CONNECTED BACK TO BUILDING STRUCTURE
- COORDINATE WITH OWNER TECHNOLOGY DEPARTMENT ON LABELING AND TERMINATION PUNCHDOWN OF NEW DATA CABLING ASSOCIATED WITH ACCESS CONTROL SYSTEM
- CONTRACTOR TO REPAIR ANY HOLES IN EXISTING DOORS AND FRAMES AS A RESULT OF HARDWARE REPLACEMENT. CONTRACTOR TO REPAINT FRAMES AND DOORS TO MATCH EXISTING SURROUNDING COLOR FOR ANY AREAS EXPOSED WHERE OLD HARDWARE WAS REMOVED.
- CONTRACTOR TO COORDINATE WITH OWNER ON ALL PROGRAMMING AND DOOR NUMBERING REQUIREMENTS ASSOCIATED WITH ACCESS CONTROL SYSTEM PRIOR TO ANY WORK TAKING PLACE
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING BUILDING MAPS FOR EACH CAMPUS BUILDING AND INTEGRATING WITH ACCESS CONTROL DOOR LOCATIONS TO INDICATE DOOR STATUS AND PROVIDE REMOTE OPERATION OF DOORS THRU ACCESS CONTROL SYSTEM
- CONTRACTOR IS REQUIRED TO PROVIDE ALL DOOR HARDWARE, WIRING AND POWER SUPPLIES ASSOCIATED WITH THE INSTALLATION OF ACCESS CONTROL SYSTEM.
- CONTRACTOR TO PROVIDE 120V. POWER, CONDUIT, WIRING AND BREAKERS ASSOCIATED WITH PROVIDING POWER TO ACCESS CONTROL PANELS AND DOOR POWER SUPPLIES
- CONTRACTOR SHALL COORDINATE WITH OWNER ON THE TRANSITION AND SCHEDULING OF ACCESS CONTROL SYSTEM ONCE ITS READY TO ACTIVATE FOR EACH BUILDING
- CONTRACTOR SHALL MAINTAIN EXISTING WALL RATINGS FOR ANY PENETRATIONS THRU EXISTING RATED WALLS AS A RESULT OF ANY NEW CABLING BEING INSTALLED.
- CONTRACTOR SHALL INSTALL A REQUEST TO EXIT "REX" DEVICE FOR ALL DOORS RECEIVING A CARD READER AND ELECTRIFIED HARDWARE INTERFACE. REX DEVICE SHALL PROVIDE STATUS OF BOTH DOORS. DEVICE TO BE WALL OR CEILING MOUNTED TO PROVIDE PROPER COVERAGE OF EXIT PATHWAY

ACCESS CONTROL - KEYED NOTES:

- ① THIS DOOR SHALL RECEIVE A NEW CARD READER. CONTRACTOR SHALL REFER TO DOOR HARDWARE SCHEDULE FOR WORK SCOPE REQUIRED. PROVIDE ALL NEW HARDWARE, WIRING AND TERMINATIONS REQUIRED TO INSTALL NEW CARD READER AND ELECTRIFIED DOOR HARDWARE
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- ③ LOCATION OF NEW ACCESS CONTROL PANEL AND DOOR POWER SUPPLIES SHALL BE MOUNTED ON THE WALL AT THIS LOCATION. CONTRACTOR TO INSTALL NEW CATEGORY 6 DATA CABLE FROM NEW ACCESS CONTROL PANEL BACK TO EXISTING PATCH PANEL IN EXISTING DATA RACK AND TERMINATE ON AVAILABLE PORT. CONTRACTOR TO INSTALL NEW WIRING IN SURFACE MOUNTED RACEWAY OR ROUTED ON EXISTING LADDER RACK FROM ACCESS CONTROL PANEL BACK TO RACK. CONTRACTOR TO INSTALL NEW 120V, 20A DUPLEX RECEPTACLE IN ACCESS CONTROL PANEL AND CONNECT BACK TO EXISTING ELECTRICAL PANEL
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- ⑦ LOCATION OF EXISTING FLOOR MOUNTED NETWORK RACKS. ALL NEW DATA CABLING SHALL BE ROUTED BACK TO THIS LOCATION AND TERMINATED ON EXISTING PATCH PANEL.
- ⑧ LOCATION OF EXISTING INTERCOM WALL MOUNTED PUNCHDOWN BLOCK. ALL NEW SPEAKERS SHALL BE ROUTED BACK TO THIS LOCATION AND TERMINATED ON TERMINAL STRIP. CONTRACTOR TO CONFIGURE EXISTING INTERCOM SYSTEM TO ADD ANY NEW EXTERIOR SPEAKER AND ZONES TO EXISTING SYSTEM AS REQUIRED.
- ⑨ CONTRACTOR TO INSTALL NEW WALL MOUNTED, EXTERIOR GRADE, NON-POWERED SPEAKER, WHITE IN COLOR AT THIS LOCATION AND CONNECT BACK TO EXISTING LOCAL BUILDING INTERCOM TERMINAL STRIP AT EXISTING MDF/IDF LOCATION.
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LIBRARY BUILDING - FANCHER CREEK ELEMENTARY
SCALE: 1/16"=1'-0"



DISTRICT-WIDE ACCESS CONTROL UPGRADES PACKAGE #2



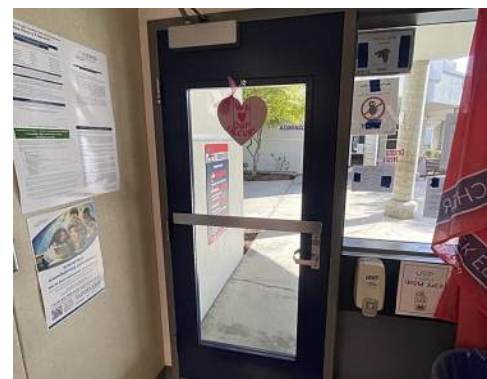
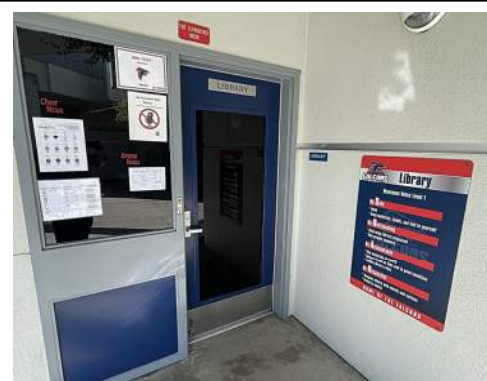
MARK	DATE	ISSUE
	03/18/24	ISSUE FOR PROPOSAL

ACCESS CONTROL - FANCHER CREEK ES LIBRARY BUILDING PLAN

2-FCC-AC5



01 OVERALL PHOTOS OF LIBRARY AREAS



02 DOOR: FCC-BL-DR01 DOOR HARDWARE SET: #23

HW GROUP NO. 23

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	STOREROOM LOCK	L9080L 06L	626	SCH
1	EA	MORTISE CYLINDER	RE-USE EXISTING	626	SCH
1	EA	ELECTRIC STRIKE	6400 FSE 12/24 VAC/VDC	630	VON
1	EA	CARD READER POWER SUPPLY	BY WORK OF DIVISION 28 BY WORK OF DIVISION 28 RE-USE BALANCE OF EXISTING HARDWARE		



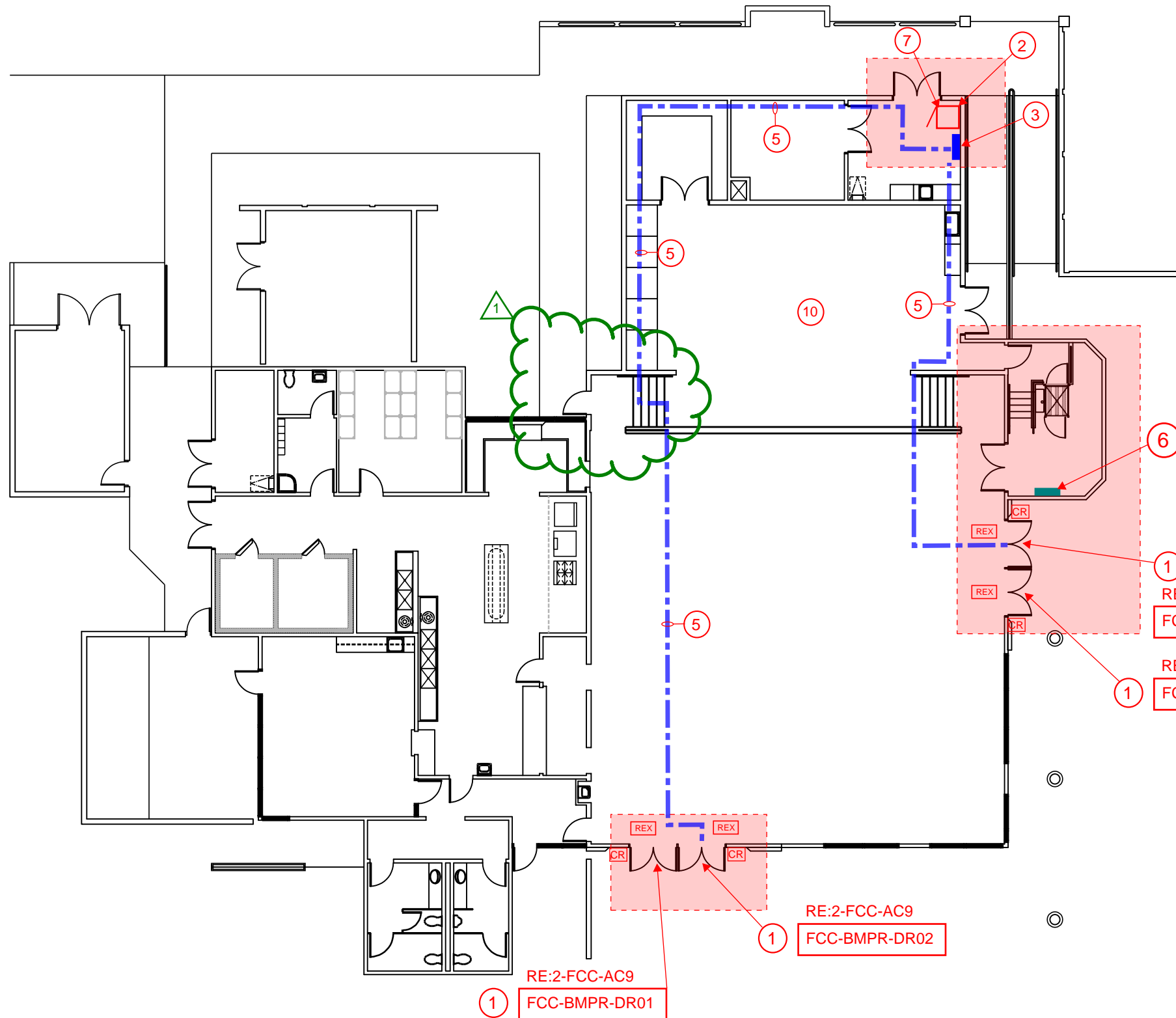
DISTRICT-WIDE ACCESS CONTROL UPGRADES
PACKAGE #2



MARK	DATE	ISSUE
	03/18/24	ISSUE FOR PROPOSAL

ACCESS CONTROL - FANCHER CREEK ES
PHOTOS - LIBRARY BLDG

2-FCC-AC6



MULTI-PURPOSE BUILDING - FANCHER CREEK ELEMENTARY

SCALE: 1/16"=1'-0"



ACCESS CONTROL - GENERAL NOTES:

- ALL LOW VOLTAGE CABLING IN EXPOSED AREAS SHALL BE INSTALLED IN SURFACE MOUNTED RACEWAY OR CONDUIT
- ALL EXPOSED CONDUIT IN PUBLIC SPACES SHALL BE PAINTED TO MATCH EXISTING WALL OR CEILING COLOR
- ALL ACCESS CONTROL WIRING SHALL BE GREEN IN COLOR
- ALL LOW VOLTAGE WIRING NOT INSTALLED IN CONDUIT SHALL BE SUPPORTED EVERY 5' MINIMUM FROM APPROVED CABLING SUPPORT SYSTEM CONNECTED BACK TO BUILDING STRUCTURE
- COORDINATE WITH OWNER TECHNOLOGY DEPARTMENT ON LABELING AND TERMINATION PUNCHDOWN OF NEW DATA CABLING ASSOCIATED WITH ACCESS CONTROL SYSTEM
- CONTRACTOR TO REPAIR ANY HOLES IN EXISTING DOORS AND FRAMES AS A RESULT OF HARDWARE REPLACEMENT. CONTRACTOR TO REPAIR FRAMES AND DOORS TO MATCH EXISTING SURROUNDING COLOR FOR ANY AREAS EXPOSED WHERE OLD HARDWARE WAS REMOVED.
- CONTRACTOR TO COORDINATE WITH OWNER ON ALL PROGRAMMING AND DOOR NUMBERING REQUIREMENTS ASSOCIATED WITH ACCESS CONTROL SYSTEM PRIOR TO ANY WORK TAKING PLACE
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING BUILDING MAPS FOR EACH CAMPUS BUILDING AND INTEGRATING WITH ACCESS CONTROL DOOR LOCATIONS TO INDICATE DOOR STATUS AND PROVIDE REMOTE OPERATION OF DOORS THRU ACCESS CONTROL SYSTEM
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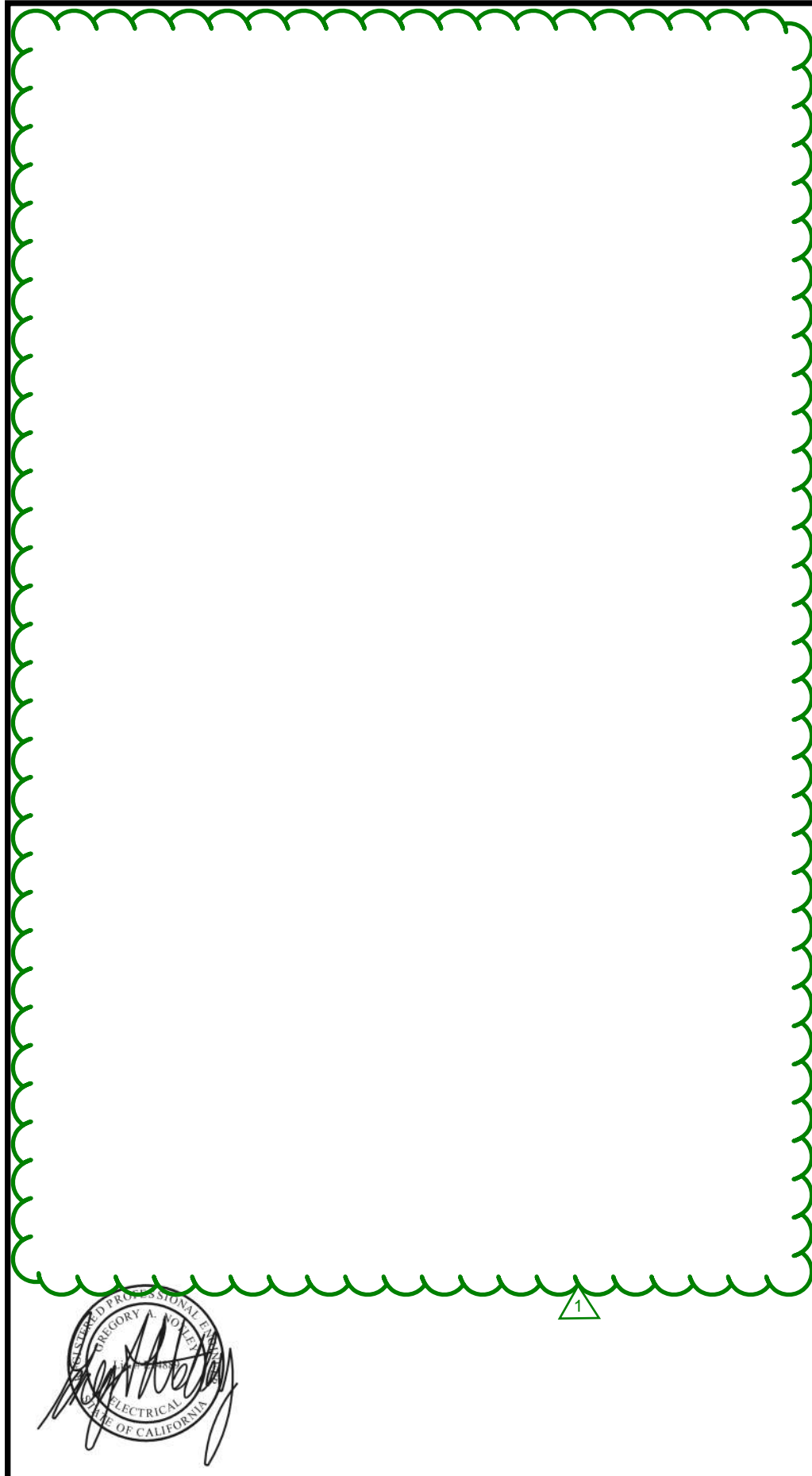
DISTRICT-WIDE ACCESS CONTROL UPGRADES PACKAGE #2



MARK	DATE	ISSUE
	03/18/24	ISSUE FOR PROPOSAL

ACCESS CONTROL - FANCHER CREEK ES MULTI-PURPOSE BUILDING PLAN

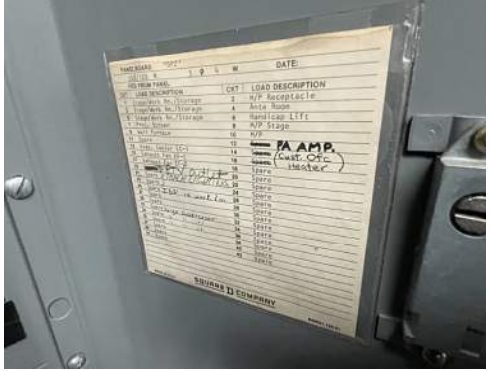
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GREGORY A. NOLLE

 ELECTRICAL ENGINEER

 STATE OF CALIFORNIA



LOCATION OF NEW ACCESS CONTROL PANEL



02 ELECTRICAL PANEL NEAR FRONT OF STAGE AREA

03 IDF AT MULTIPURPOSE MAINTENANCE AREA

ADDITIONAL DOOR HARDWARE NOTES:

- 1. X

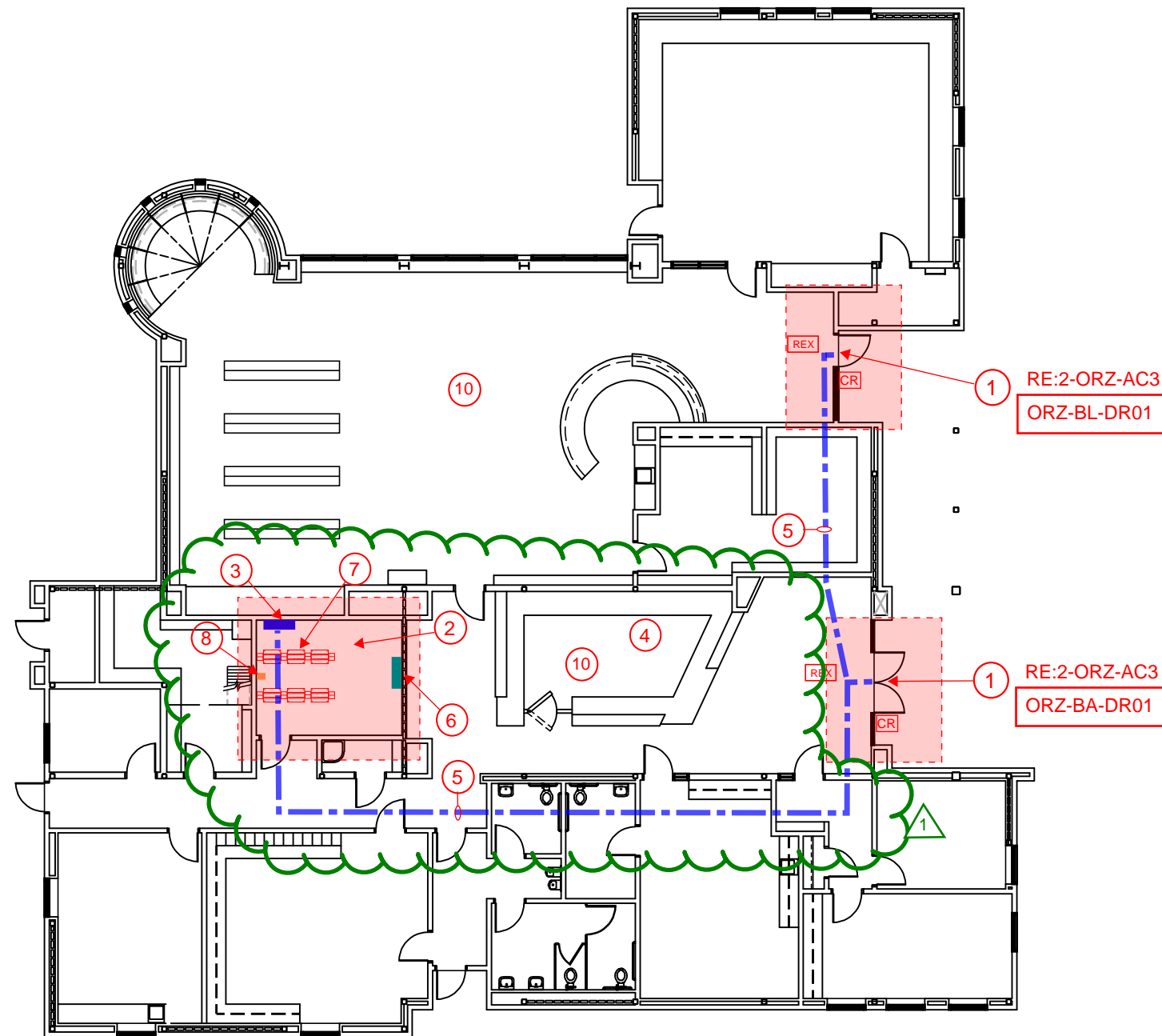
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ADMINISTRATION BUILDING - ORAZO ELEMENTARY
SCALE: 1/16"=1'-0"



DISTRICT-WIDE ACCESS CONTROL UPGRADES PACKAGE #2



MARK	DATE	ISSUE
	03/18/24	ISSUE FOR PROPOSAL

ACCESS CONTROL - ORAZO ELEMENTARY ADMINISTRATION BUILDING PLAN

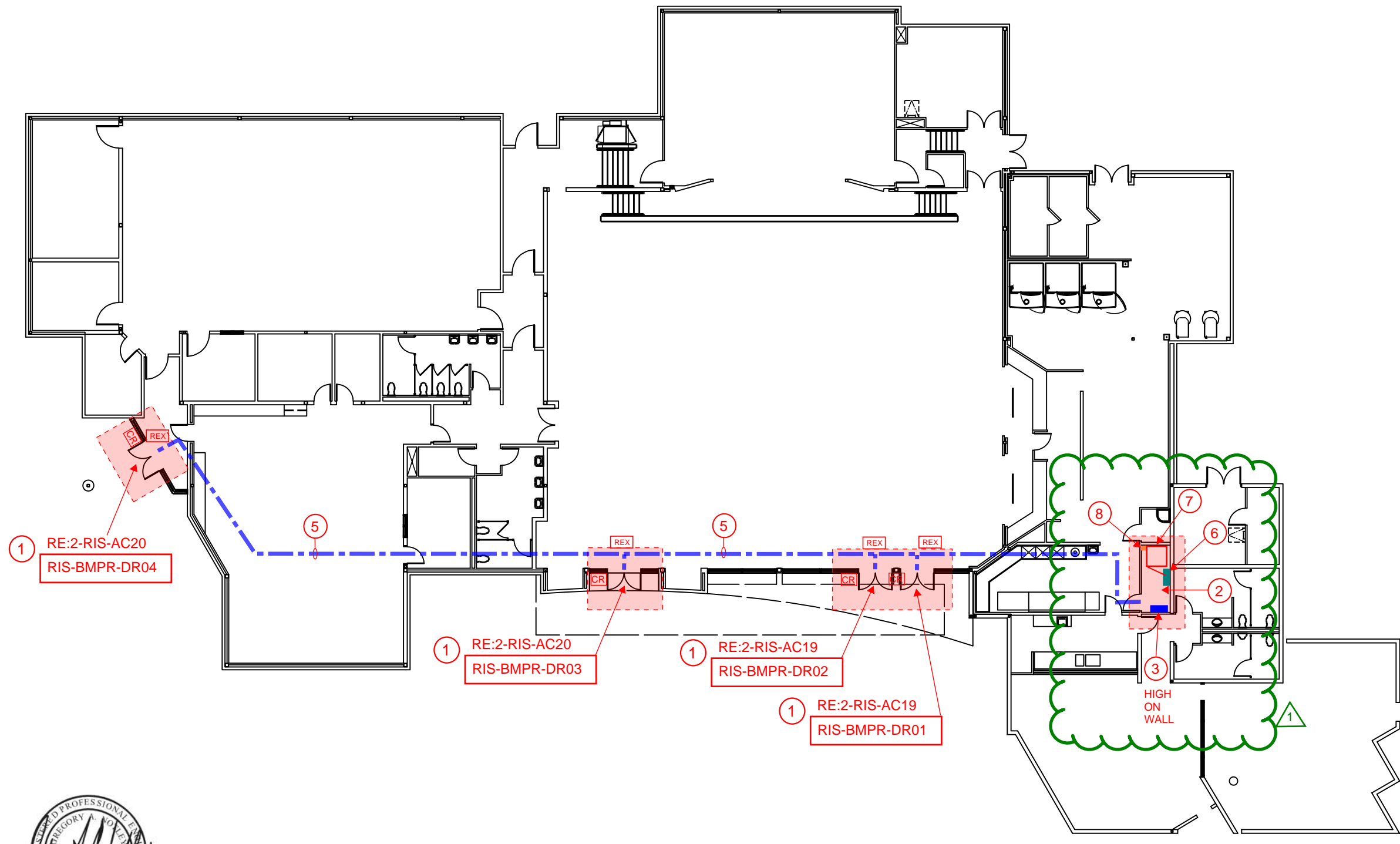
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REYBURN INTERMEDIATE - MULTI-PURPOSE BUILDING

SCALE: 1"=20'-0"



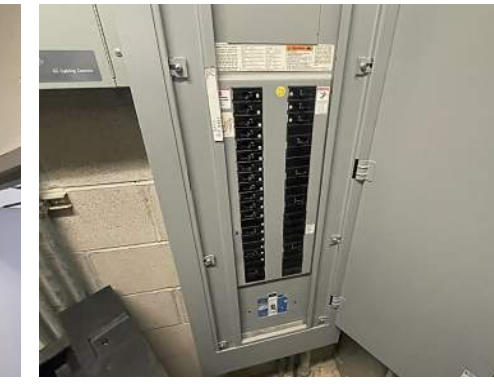
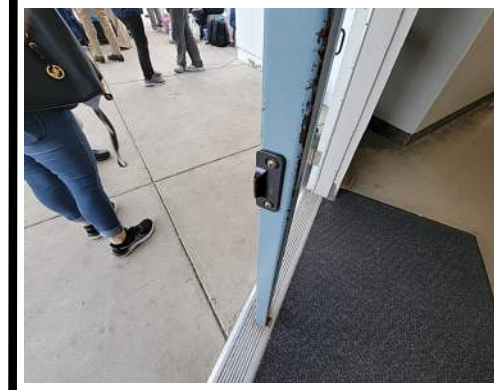
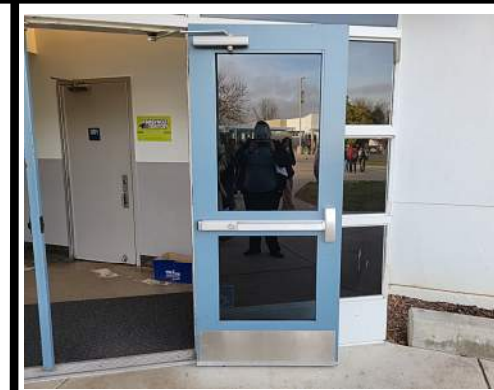
DISTRICT-WIDE ACCESS CONTROL UPGRADES PACKAGE #2



MARK	DATE	ISSUE
	03/18/24	ISSUE FOR PROPOSAL

ACCESS CONTROL - REYBURN INT. MULTI-PURPOSE BUILDING PLAN

2-RIS-AC18



01 DOOR: RIS-BMPR-DR03 DOOR HARDWARE SET: #08

HW GROUP NO. 08

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA ELECTRIC HINGE	5BB1HW 4.5 X 4.5 CON TW8	652	IVE
1	EA PANIC HARDWARE	LD-PA-AX-99-EO-990	626	VON
1	EA ELEC PANIC HARDWARE	QELX-PA-AX-99-NL-CON	626	VON
1	EA RIM CYLINDER	20-057 ICX	626	SCH
1	EA FSIC CORE	23-030	626	SCH
1	EA CARD READER POWER SUPPLY	BY WORK OF DIVISION 28 BY WORK OF DIVISION 28 RE-USE BALANCE OF EXISTING HARDWARE		



02 DOOR: RIS-BMPR-DR04 DOOR HARDWARE SET: #08

HW GROUP NO. 08

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA ELECTRIC HINGE	5BB1HW 4.5 X 4.5 CON TW8	652	IVE
1	EA PANIC HARDWARE	LD-PA-AX-99-EO-990	626	VON
1	EA ELEC PANIC HARDWARE	QELX-PA-AX-99-NL-CON	626	VON
1	EA RIM CYLINDER	20-057 ICX	626	SCH
1	EA FSIC CORE	23-030	626	SCH
1	EA CARD READER POWER SUPPLY	BY WORK OF DIVISION 28 BY WORK OF DIVISION 28 RE-USE BALANCE OF EXISTING HARDWARE		

03 MULTI-PURPOSE BUILDING IDF / ELECTRICAL ROOM



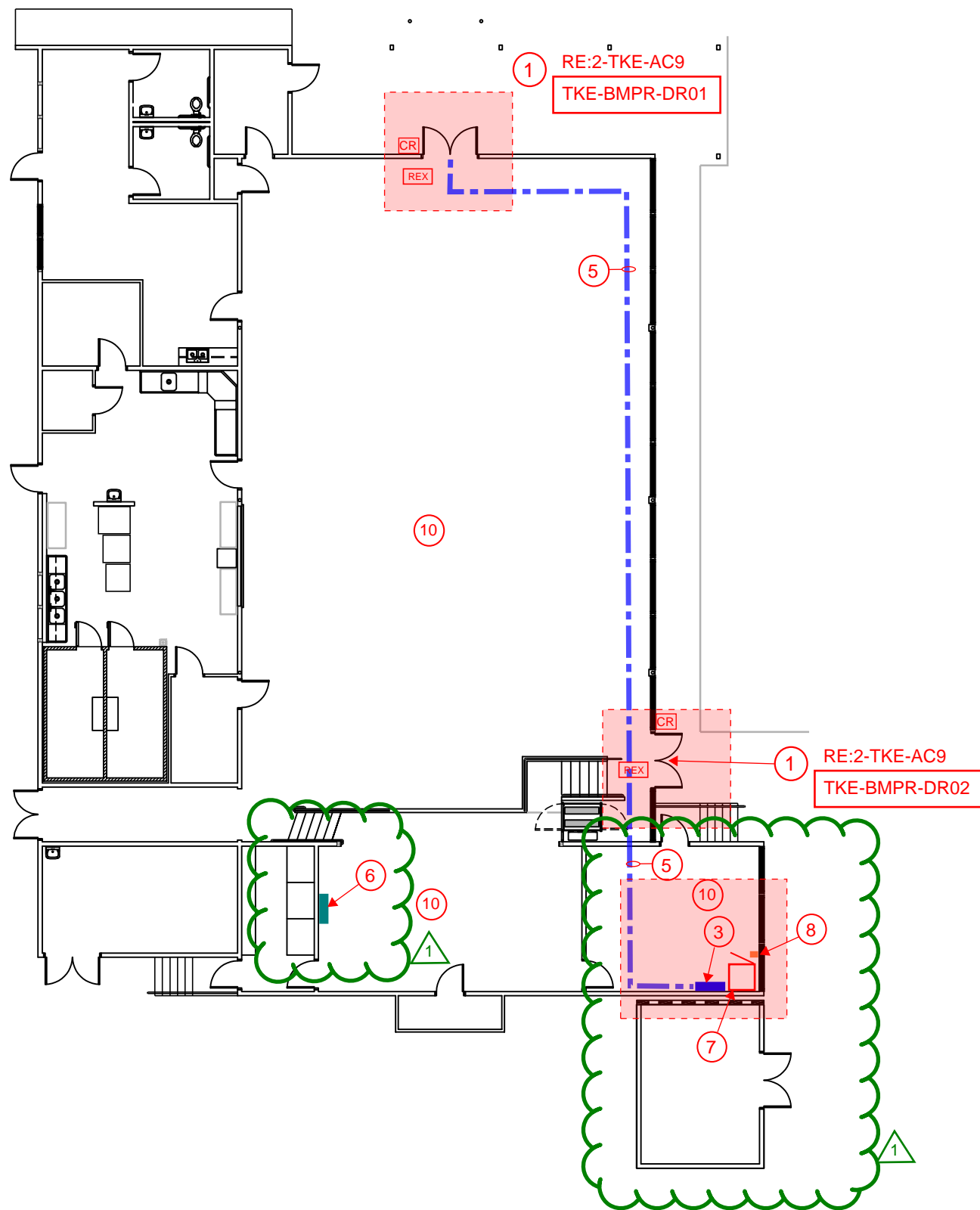
**DISTRICT-WIDE ACCESS CONTROL UPGRADES
PACKAGE #2**



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	03/18/24	ISSUE FOR PROPOSAL

**ACCESS CONTROL - REYBURN INT.
PHOTOS - MULTI-PURPOSE BLDG**

2-RIS-AC20



ADMINISTRATION BLDG - TEMPERANCE-KUTNER ELEMENTARY
 SCALE: 1/16"=1'-0"

ACCESS CONTROL - GENERAL NOTES:

- ALL LOW VOLTAGE CABLING IN EXPOSED AREAS SHALL BE INSTALLED IN SURFACE MOUNTED RACEWAY OR CONDUIT
- ALL EXPOSED CONDUIT IN PUBLIC SPACES SHALL BE PAINTED TO MATCH EXISTING WALL OR CEILING COLOR
- ALL ACCESS CONTROL WIRING SHALL BE GREEN IN COLOR
- ALL LOW VOLTAGE WIRING NOT INSTALLED IN CONDUIT SHALL BE SUPPORTED EVERY 5' MINIMUM FROM APPROVED CABLING SUPPORT SYSTEM CONNECTED BACK TO BUILDING STRUCTURE
- COORDINATE WITH OWNER TECHNOLOGY DEPARTMENT ON LABELING AND TERMINATION PUNCHDOWN OF NEW DATA CABLING ASSOCIATED WITH ACCESS CONTROL SYSTEM
- CONTRACTOR TO REPAIR ANY HOLES IN EXISTING DOORS AND FRAMES AS A RESULT OF HARDWARE REPLACEMENT. CONTRACTOR TO REPAINT FRAMES AND DOORS TO MATCH EXISTING SURROUNDING COLOR FOR ANY AREAS EXPOSED WHERE OLD HARDWARE WAS REMOVED.
- CONTRACTOR TO COORDINATE WITH OWNER ON ALL PROGRAMMING AND DOOR NUMBERING REQUIREMENTS ASSOCIATED WITH ACCESS CONTROL SYSTEM PRIOR TO ANY WORK TAKING PLACE
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING BUILDING MAPS FOR EACH CAMPUS BUILDING AND INTEGRATING WITH ACCESS CONTROL DOOR LOCATIONS TO INDICATE DOOR STATUS AND PROVIDE REMOTE OPERATION OF DOORS THRU ACCESS CONTROL SYSTEM
- CONTRACTOR IS REQUIRED TO PROVIDE ALL DOOR HARDWARE, WIRING AND POWER SUPPLIES ASSOCIATED WITH THE INSTALLATION OF ACCESS CONTROL SYSTEM.
- CONTRACTOR TO PROVIDE 120V. POWER, CONDUIT, WIRING AND BREAKERS ASSOCIATED WITH PROVIDING POWER TO ACCESS CONTROL PANELS AND DOOR POWER SUPPLIES
- CONTRACTOR SHALL COORDINATE WITH OWNER ON THE TRANSITION AND SCHEDULING OF ACCESS CONTROL SYSTEM ONCE ITS READY TO ACTIVATE FOR EACH BUILDING
- CONTRACTOR SHALL MAINTAIN EXISTING WALL RATINGS FOR ANY PENETRATIONS THRU EXISTING RATED WALLS AS A RESULT OF ANY NEW CABLING BEING INSTALLED.
- CONTRACTOR SHALL INSTALL A REQUEST TO EXIT "REX" DEVICE FOR ALL DOORS RECEIVING A CARD READER AND ELECTRIFIED HARDWARE INTERFACE. REX DEVICE SHALL PROVIDE STATUS OF BOTH DOORS. DEVICE TO BE WALL OR CEILING MOUNTED TO PROVIDE PROPER COVERAGE OF EXIT PATHWAY

ACCESS CONTROL - KEYED NOTES:

- ① THIS DOOR SHALL RECEIVE A NEW CARD READER. CONTRACTOR SHALL REFER TO DOOR HARDWARE SCHEDULE FOR WORK SCOPE REQUIRED. PROVIDE ALL NEW HARDWARE, WIRING AND TERMINATIONS REQUIRED TO INSTALL NEW CARD READER AND ELECTRIFIED DOOR HARDWARE
- ② LOCATION OF EXISTING MDF/IDF ROOM. ALL NEW ACCESS CONTROL PANELS AND DOOR POWER SUPPLIES SHALL BE INSTALLED IN THIS ROOM.
- ③ LOCATION OF NEW ACCESS CONTROL PANEL AND DOOR POWER SUPPLIES SHALL BE MOUNTED ON THE WALL AT THIS LOCATION. CONTRACTOR TO INSTALL NEW CATEGORY 6 DATA CABLE FROM NEW ACCESS CONTROL PANEL BACK TO EXISTING PATCH PANEL IN EXISTING DATA RACK AND TERMINATE ON AVAILABLE PORT. CONTRACTOR TO INSTALL NEW WIRING IN SURFACE MOUNTED RACEWAY OR ROUTED ON EXISTING LADDER RACK FROM ACCESS CONTROL PANEL BACK TO RACK. CONTRACTOR TO INSTALL NEW 120V, 20A DUPLEX RECEPTACLE IN ACCESS CONTROL PANEL AND CONNECT BACK TO EXISTING ELECTRICAL PANEL
- ④ FRONT ADMINISTRATION AREA TO RECEIVE NEW WALL MOUNTED LOCKDOWN BUTTON WITH COVER IN THIS AREA. COORDINATE WITH OWNER ON FINAL LOCATION OF BUTTON PRIOR TO INSTALLATION. CONTRACTOR TO PROVIDE LABELING OF BUTTON TO INDICATE "LOCKDOWN" ON COVER. BUTTON SHALL BE BLUE IN COLOR.
- ⑤ APPROXIMATE ROUTE OF MULTICONDUCTOR ACCESS CONTROL CABLE FROM ACCESS CONTROL DOOR BACK TO HEADEND PANEL LOCATED IN MDF/IDF ROOM. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NEW RACEWAY OR ACCESS PANELS REQUIRED TO INSTALL ACCESS CONTROL WIRING ABOVE INACCESSIBLE CEILINGS. ALL WIRING SHALL BE PROPERLY SUPPORTED FOR FULL RUN. ANY WIRING PENETRATIONS PASSING THRU RATED WALL SHALL MAINTAIN WALL RATING AFTER WIRING IS INSTALLED.
- ⑥ LOCATION OF EXISTING 120V ELECTRICAL PANEL. CONTRACTOR TO ROUTE NEW 120V, 20A BRANCH CIRCUIT FROM NEW ACCESS CONTROL PANEL BACK TO THIS LOCATION. CONTRACTOR SHALL INSTALL NEW 120V, 20A BREAKER IN AVAILABLE SPACE IN THIS PANEL.
- ⑦ LOCATION OF EXISTING FLOOR MOUNTED NETWORK RACKS. ALL NEW DATA CABLING SHALL BE ROUTED BACK TO THIS LOCATION AND TERMINATED ON EXISTING PATCH PANEL.
- ⑧ LOCATION OF EXISTING INTERCOM WALL MOUNTED PUNCHDOWN BLOCK. ALL NEW SPEAKERS SHALL BE ROUTED BACK TO THIS LOCATION AND TERMINATED ON TERMINAL STRIP. CONTRACTOR TO CONFIGURE EXISTING INTERCOM SYSTEM TO ADD ANY NEW EXTERIOR SPEAKER AND ZONES TO EXISTING SYSTEM AS REQUIRED.
- ⑨ CONTRACTOR TO INSTALL NEW WALL MOUNTED, EXTERIOR GRADE, NON-POWERED SPEAKER, WHITE IN COLOR AT THIS LOCATION AND CONNECT BACK TO EXISTING LOCAL BUILDING INTERCOM TERMINAL STRIP AT EXISTING MDF/IDF LOCATION.
- ⑩ THIS AREA HAS AN OPEN CEILING AREA OR INACCESSIBLE CEILING AREA. CONDUIT WILL BE REQUIRED TO ROUTE THRU OPEN AREAS OR ACCESS PANELS NEEDED TO ACCESS ABOVE INACCESSIBLE CEILINGS TO ALLOW CABLING TO BE INSTALLED.
- ⑪ CONTRACTOR TO INSTALL NEW WALL MOUNTED, EXTERIOR GRADE, POWERED SPEAKER, WHITE IN COLOR AT THIS LOCATION AND CONNECT BACK TO EXISTING LOCAL BUILDING INTERCOM TERMINAL STRIP AT EXISTING MDF/IDF LOCATION. PROVIDE LOCAL POWER TRANSFORMER AND TERMINATIONS REQUIRED TO POWER SPEAKER



DISTRICT-WIDE ACCESS CONTROL UPGRADES PACKAGE #2



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ACCESS CONTROL - TEMPERANCE-KUTNER ES - MPR BUILDING PLAN

2-TKE-AC8