Addendum No. 02

May 12, 2023



Campus Security Improvement Phase 1

OWNER: Clovis Unified School District

1450 Herndon Ave. Clovis, CA. 93611

PREPARED BY: PBK Architects, Inc.

7790 N. Palm Avenue Fresno, California 93711

PBK PROJECT NO.: S2100500AR

DSA FILE NO.: N/A
DSA APPLICATION NO.: N/A

NOTICE TO BIDDERS

A. Receipt of this Addendum shall be acknowledged on the Proposal Form.

- B. This Addendum forms part of the Contract Documents for the above referenced project and shall be incorporated integrally therewith.
- C. Each proposer shall make necessary adjustments and submit their 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.

DRAWINGS:

CLOVIS HIGH SCHOOL:

2-01 Sheet A1.0 – SITE PLAN, revise as follows:

Add Sheet A1.0. See attached.

2-02 Sheet A4.0 – CLASSROM WING (BUILDING C), revise as follows:

Revise Keynote 3 to Keynote 4. See attached.

2-03 Sheet A5.0 – CLASSROOM WING (BUILDING D), revise as follows:

AC symbol add note. "AC IN ATTIC SPACE". See attached.

2-04 Sheet A5.1 – REFLECTED CEILING PLAN (BUILDING D), revise as follows:

AC symbol add note. "AC IN ATTIC SPACE". See attached.

2-05 Sheet A10.0 – LIBRARY WING (BUILDING B), revise as follows:

AC symbol add note. "AC IN ATTIC SPACE". See attached.

2-06 Sheet A10.1 – REFLECTED CEILING PLAN (BUILDING B), revise as follows:

AC symbol add note. "AC IN ATTIC SPACE". See attached.



Campus Security Improvement Phase 1

2-07 Sheet D1.1 - REVISED DETAIL 12, revise as follows:

Revised note see attached.

BUD RANK ELEMENTARY:

2-08 Sheet D1.1 - REVISED DETAIL 12, revise as follows:

Revised note see attached.

FT. WASHINGTON ELEMENTARY:

Sheet A5.2 – REFLECTED CEILING PLAN (BUILDING D), revise as follows: 2-09

Revise sheet number from A5.2 to A5.1.

Sheet D1.1 - REVISED DETAIL 12, revise as follows: 2-10

Revised note see attached.

SPECIFICATION SECTIONS:

2-11 Specification Sections - Remove specifications from Book, revise as follows: Remove sections from book. 03 30 00 Cast-in-place Concrete, 05 50 00 Metal Fabrications, 09

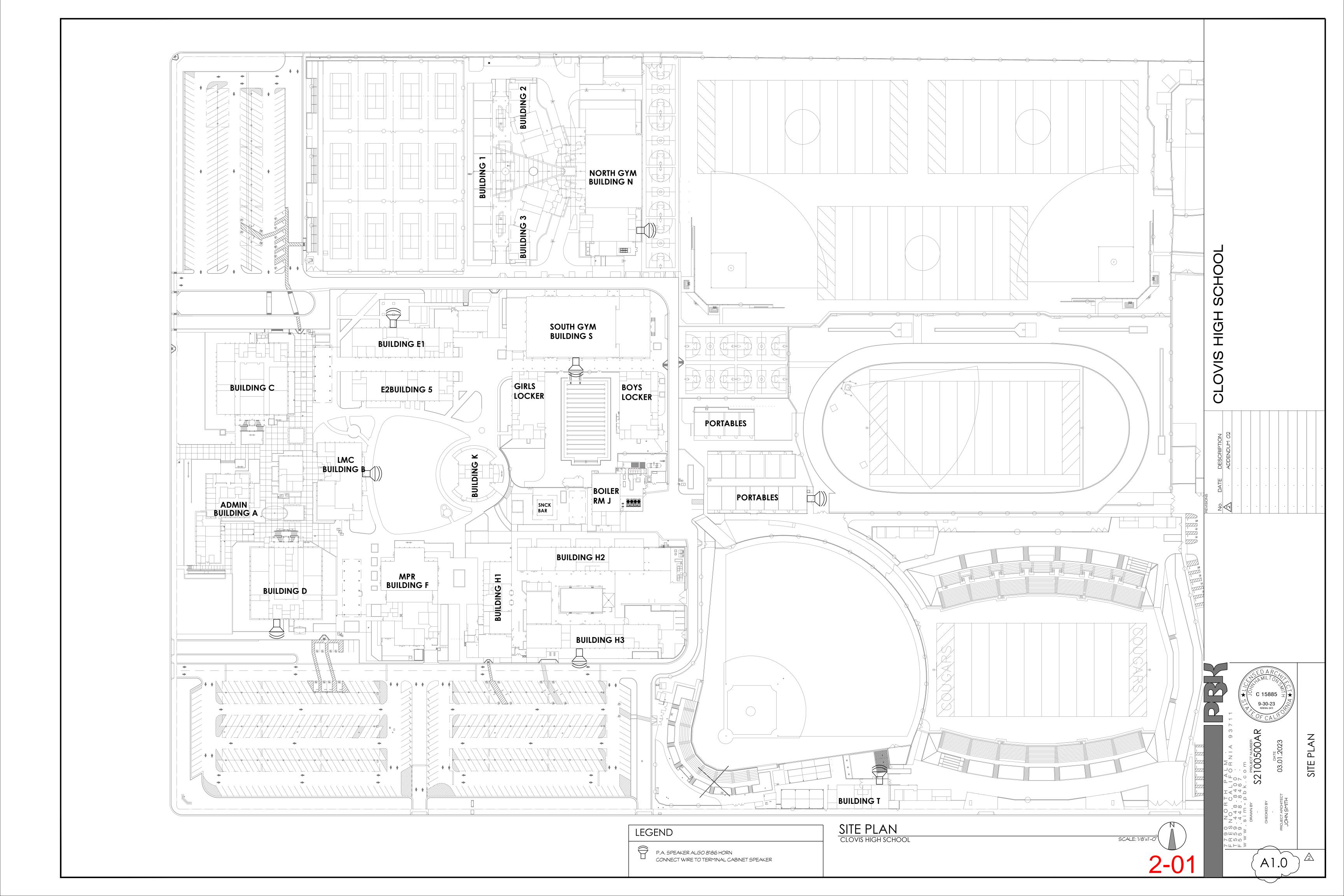
24 00 Cement Plastering, 09 29 00 Gypsum Board, 09 51 13 Acoustical Panel Ceiling, 08 41 13 Aluminum-Framed Entrance and Storefront.

2-12 Remove Specification Section 01 10 00 Summary, revise as follows:

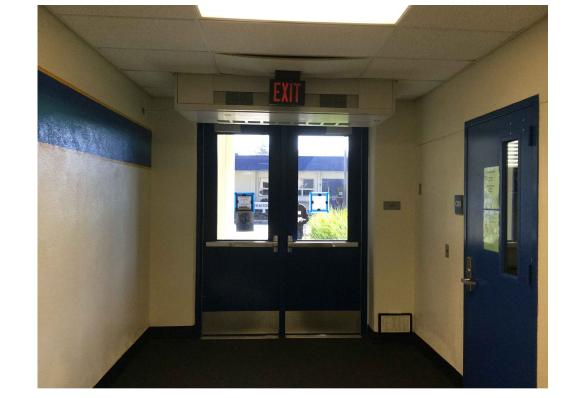
Add specification 01 10 00 Summary. See attached.

END OF ADDENDUM NO. 2

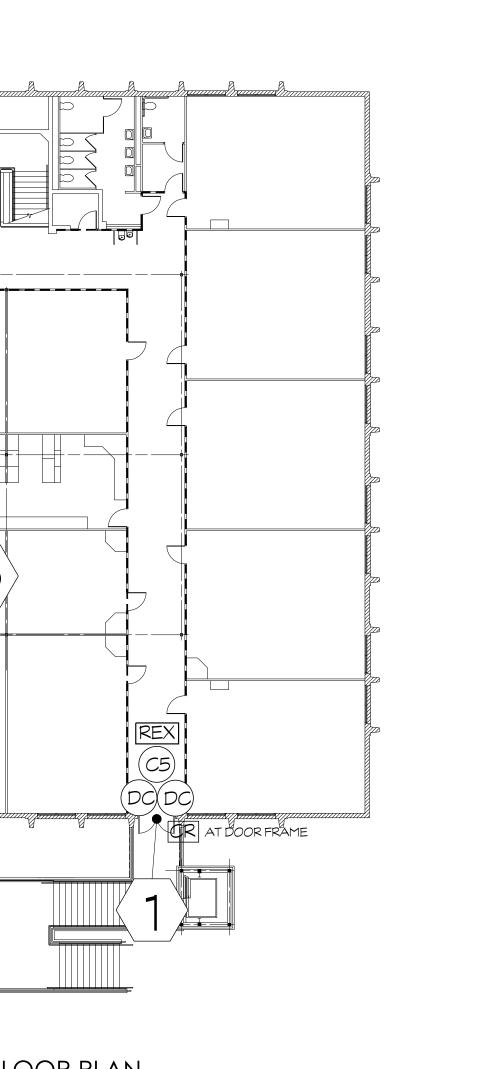
John Hamilton Smith



EXTERIOR DOOR # C1, C2, C3, C4, C5

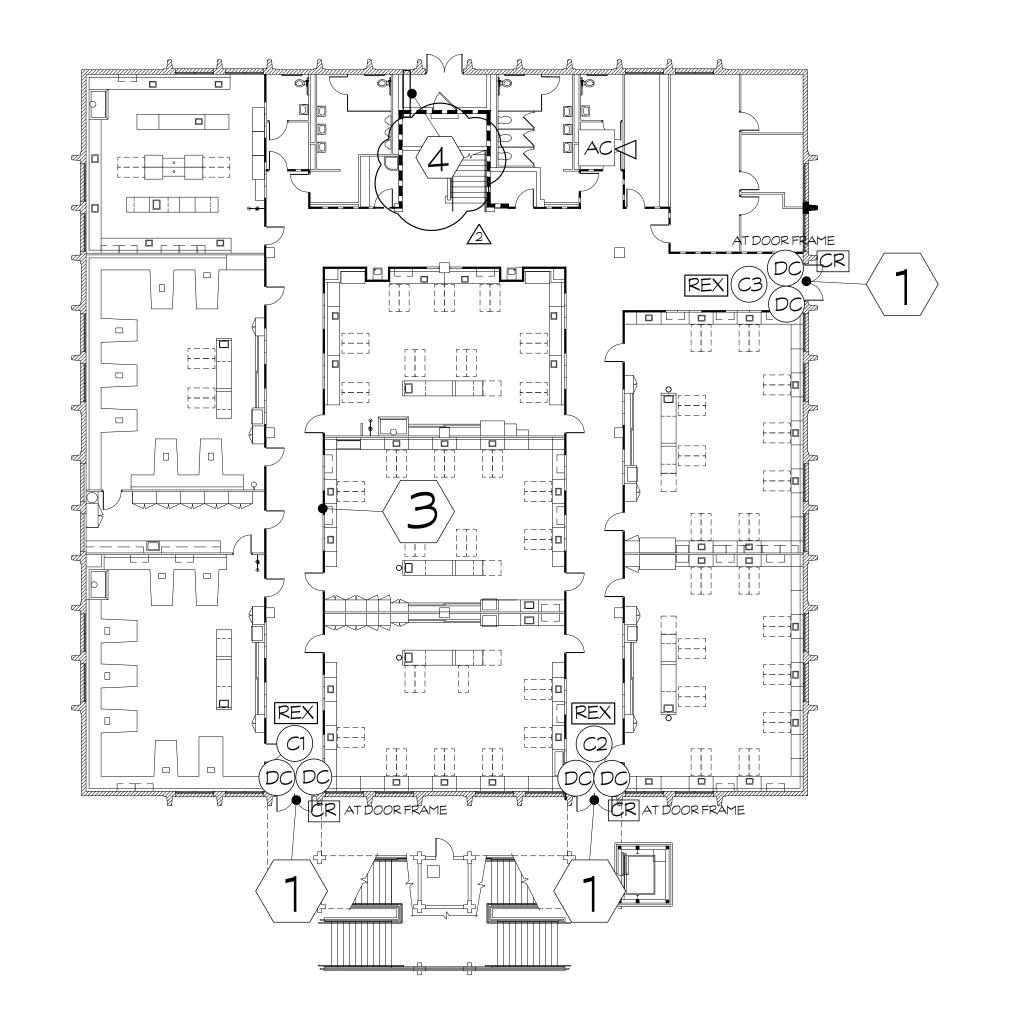


INTERIOR DOOR # C1, C2, C3, C4, C5



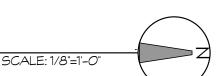
SECOND FLOOR PLAN

DC(DC)
AT DOOR FRAME CR



FIRST FLOOR PLAN

CLASSROOM WING (BUILDING C)
CLOVIS HIGH SCHOOL

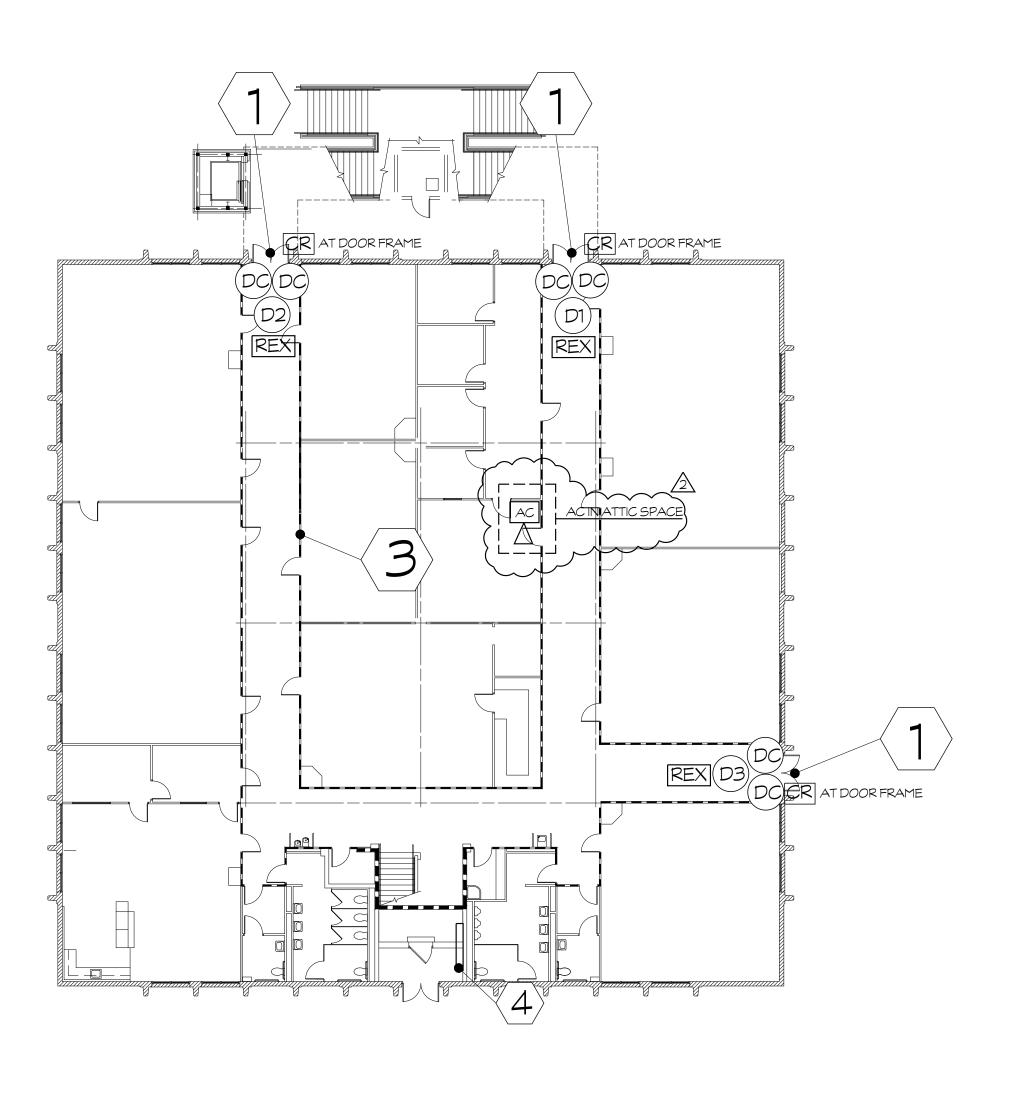


BUILDING C: CLASSROOM											ABBREVIATIONS	KEYNOTES \bigcirc
DOOR TYPE DOOR SIZE H. Y. A.	EXISTING CONST.	EXISTING FINISH EXISTING CONST.	ME HSINIH ONILSIXA	EXISTING WALL CONST.	EXISTING EXT. FINISH	EXISTING INT. FINISH	EXISTING EXT. FINISH	EXISTING INT. FINISH HARDWARE	(SEE SPECS) GENERAL NOTES	DETAIL SHEET D1.1	FF FACTORY FINISH WC WOOD CONSTRUCTION CC CONC. CONSTRUCTION FT FACTORY SI SINGLE DOOR HM HOLLOW METAL DL DOUBLE DOOR PT PAINT FRP FIBER RESISTANT PANEL GYP GYP. BOARD FINISH STU STUCCO FINISH PH PANIC HARDWARE TB T-BAR CEILING SYSTEM SF STOREFRONT TK TACKBOARD FINISH	 UNMANNED DOOR, PROVIDE CARD READER CAMPUS LOCKDOWN BUTTON. REFER TO SPECIFICATIONS FOR DETAILS EXISTING RATED WALL EXISTING ELECTRICAL PANEL LOCATION. CONTRACTOR TO INSTALL (2) NEW 12OV, 20A CIRCUITS FROM PANEL TO NEW ACCESS CONTROL PANEL AND NEW DOOR HARDWARE POWER SUPPLY ENCLOSURE. INSTALL NEW 20A, CIRCUIT BREAKER IN EXISTING PANEL.
DOOR SCHEDULE (S)											SGP SEMI-GLOSS PAINT WIN WINDOW SYSTEM	GENERAL NOTES
DL 3'-0" × 7'-0"	HM	PT H	M PT	СС	CC	STU	СС	TB 10	2	6	LEGEND AC NEW ACCESS CONTROL PANEL / DOOR CR CARD READER / ACCESS DEVICE DEVI	DEMO FINISHES TO ACCESS WORK. REPAIR ALL FINISHES BACK TO ORIGINAL FINISH/CONDITION. SEE SPECIFICATIONS FOR MORE INFORMATION.
SI 3'-0" x 7-0"	НМ	PT H	M PT	· cc	СС	STU	СС	TB 10	2	6	CONTROLLER PANEL TO BE INSTALLED AT THIS LOCATION FOR THIS BUILDING. REQUEST TO EXIT MODULE INSTALLED AT ABOVE DOOR AND CONNECTED BACK.	3. EXISTING EXTERIOR WALL CONDITION IS CONCRETE / CMU SYSTEM U.O.N 4. SEE DTL. 12/D1.1 FOR ACCESS CONTROL SYSTEM DETAILS.
SI 3'-0" × 7'-0"	нм	PT H	9 PT	CC	CC	STU	СС	TB 10	2	6	RECEPTACLE INSIDE PANEL. ALL CARD READERS AND DOOR ACCESSORIES TO BE POLITED BACK TO THIS PANEL FOR TO SEE TO SEE TO SEE TO THIS PANEL FOR THE PANEL FOR T	5. ALL INTERIOR WIREMOLD FROM CEILING TO DOOR WILL BE SURFACE MOUNTED U.N.O 6. CONNECT DOOR CONTROLLER TO NEAREST OUTLET PREFERRED OR HARDWIRE THE NEXT OPTION.
SI 3'-0" x 7'-0"	HM	PT H	9 PT	CC	CC	STU	CC	TB 10	2	6	TERMINATION. CAMPUS LOCKDOWN BUTTON WALL MOUNTED DETAIL 15/D1.1 DETAIL 15/D1.1 DETAIL 15/D1.1 DETAIL 15/D1.1 DETAIL 15/D1.1	7. USE WIREMOLD 2000 SERIES AND ACCESSORIES OR EQUAL. 8. ONE LINE DOOR LEAF ON A PAIR OF DOORS SHALL HAVE ELECTRIFIED HARDWARE. REMAINING "DEAWLL REMAIN TONLY AND EXTERIOR HARDWARE PULL WILL BE REMOVED FROM "DEAD" DOOR AND
SI 3'-0" x 7-0"	HM	PT H	9 PT	CC	CC	STU	СС	TB 10	2	6	CONTROL PANEL FOR NETWORK CONNECTIVITY. DOOR CONTACT FOR EACH DOOR LEAF. DOUBLE DOORS WILL NEED A "REX" LOCATED INSIDE THE BUILDING ABOVE CONTROL PANEL FOR NETWORK CONNECTIVITY. TERMINATE OUTLET ON BISCUIT JACK INSIDE PANEL AND CONNECT WIRING BACK TO NEAREST MDF/IDF RACK AND TERMINATE ON EXISTING PATCH PANEL IN	HOLES REPAIRED. 9. DOUBLE DOORS SHALL RECIEVE A REQUEST TO EXIT (REX) DEVICE MOUNTED AT CEILING OR WALL ABOVE DOORS. SINGLE DOORS WILL HAVE REX INSIDE DOOR PANIC HARDWARE.

EXTERIOR DOOR # D1, D2, D3 D4, D5



INTERIOR DOOR # D1, D2, D3 D4, D5



SECOND FLOOR PLAN

AT DOOR FRAME

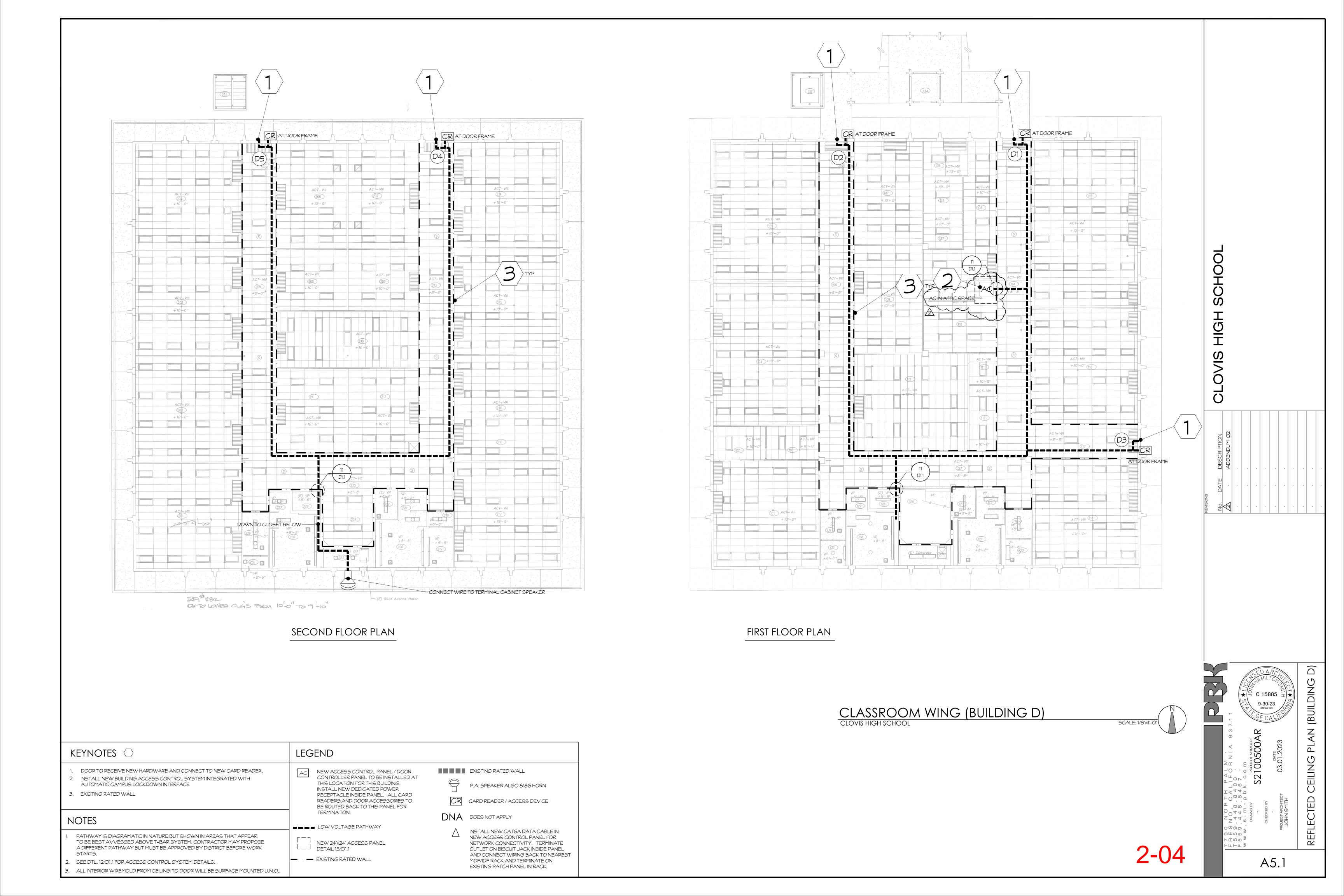
FIRST FLOOR PLAN

CLASSROOM WING (BUILDING D)
CLOVIS HIGH SCHOOL

SCALE: 1/8"=1'-0"

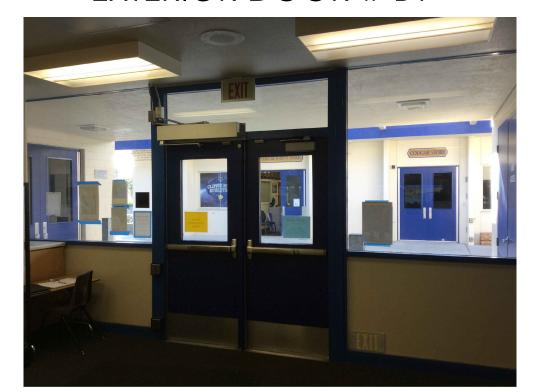
		CLOVIS RIGH SCHOOL					
BUILDING D: CLASSROOM	ABBREVIATIONS	KEYNOTES 🔷					
EXISTING EXT. FINISH EXISTING INT. FINISH INT. FINISH EXISTING INT. FINISH INT. F	FF FACTORY FINISH WC WOOD CONSTRUCTION CC CONC. CONSTRUCTION FT FACTORY SI SINGLE DOOR HM HOLLOW METAL DL DOUBLE DOOR PT PAINT FRP FIBER RESISTANT PANEL GYP GYP. BOARD FINISH STU STUCCO FINISH PH PANIC HARDWARE TB' T-BAR CEILING SYSTEM SGP SEMI-GLOSS PAINT WIN WINDOW SYSTEM	 UNMANNED DOOR, PROVIDE CARD READER CAMPUS LOCKDOWN BUTTON. REFER TO SPECIFICATIONS FOR DETAILS EXISTING RATED WALL. TYP. EXISTING ELECTRICAL PANEL LOCATION. CONTRACTOR TO INSTALL (2) NEW 120V, 20A CIRCUITS FROM PANEL TO NEW ACCESS CONTROL PANEL AND NEW DOOR HARDWARE POWER SUPPLY ENCLOSURE. INSTALL NEW 20A, CIRCUIT BREAKER IN EXISTING PANEL. GENERAL NOTES					
DOOR SCHEDULE (X) DI SI 3' O" V 7' O" HM PT HM PT CC CC STU CC TB 10 2	LEGEND	DEMO FINISHES TO ACCESS WORK. REPAIR ALL FINISHES BACK TO ORIGINAL FINISH/CONDITION. 2. SEE SPECIFICATIONS FOR MORE INFORMATION.					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 AC NEW ACCESS CONTROL PANEL / DOOR CONTROLLER PANEL TO BE INSTALLED AT THIS LOCATION FOR THIS BUILDING. CR CARD READER / ACCESS DEVICE REX REQUEST TO EXIT MODULE INSTALLED ADVISOR OF THIS BUILDING. REX REQUEST TO EXIT MODULE INSTALLED ADVISOR OF THIS BUILDING.	3. EXISTING EXTERIOR WALL CONDITION IS CONCRETE / CMU SYSTEM U.O.N 4. SEE DTL. 12/D1.1 FOR ACCESS CONTROL SYSTEM DETAILS.					
SI 3'-0" x 7-0" HM PT HM PT CC CC STU CC TB 10 2	8 RECEPTACLE INSIDE PANEL. ALL CARD READERS AND DOOR ACCESSORIES TO READERS AND DOOR TO THE READERS AND TO THE READERS AND THE	5. ALL INTERIOR WIREMOLD FROM CEILING TO DOOR WILL BE SURFACE MOUNTED U.N.O 6. CONNECT DOOR CONTROLLER TO NEAREST OUTLET PREFERRED OR HARDWIRE THE NEXT OPTION. 7. USE WIREMOLD 2000 SERIES AND ACCESSORIES OR EQUAL.					
- SI 3'-0" x 7-0" HM PT HM PT CC CC STU CC TB 10 2	TERMINATION. L J DETAIL 15/DI.1 EXISTING G167 GCNORETE WALLS EXISTING WOOD / METAL WALLS ACCESS CONTROL PANEL FOR NETWORK	8. ONE LINE DOOR LEAF ON A PAIR OF DOORS SHALL HAVE ELECTRIFIED HARDWARE. REMAINING "DEA WILL REMAIN EXIT ONLY AND EXTERIOR HARDWARE PULL WILL BE REMOVED FROM "DEAD" DOOR AND HOLES REPAIRED.					
05 SI 3'-0" x 7-0" HM PT HM PT CC CC STU CC TB 10 2	CONNECTIVITY. TERMINATE OUTLET ON DOOR CONTACT FOR EACH DOOR LEAF. DOUBLE DOORS WILL NEED A "REX" LOCATED INSIDE THE BUILDING ABOVE CONNECTIVITY. TERMINATE OUTLET ON BISCUIT JACK INSIDE PANEL AND CONNECT WIRING BACK TO NEAREST MDF/IDF RACK AND TERMINATE ON EXISTING PATCH PANEL IN	9. DOUBLE DOORS SHALL RECIEVE A REQUEST TO EXIT (REX) DEVICE MOUNTED AT CEILING OR WALL ABOVE DOORS. SINGLE DOORS WILL HAVE REX INSIDE DOOR PANIC HARDWARE.					

A5.0





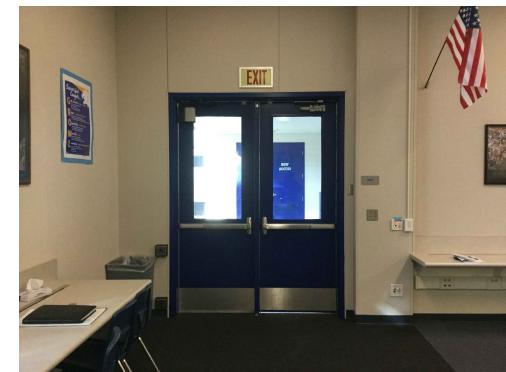
EXTERIOR DOOR # B1



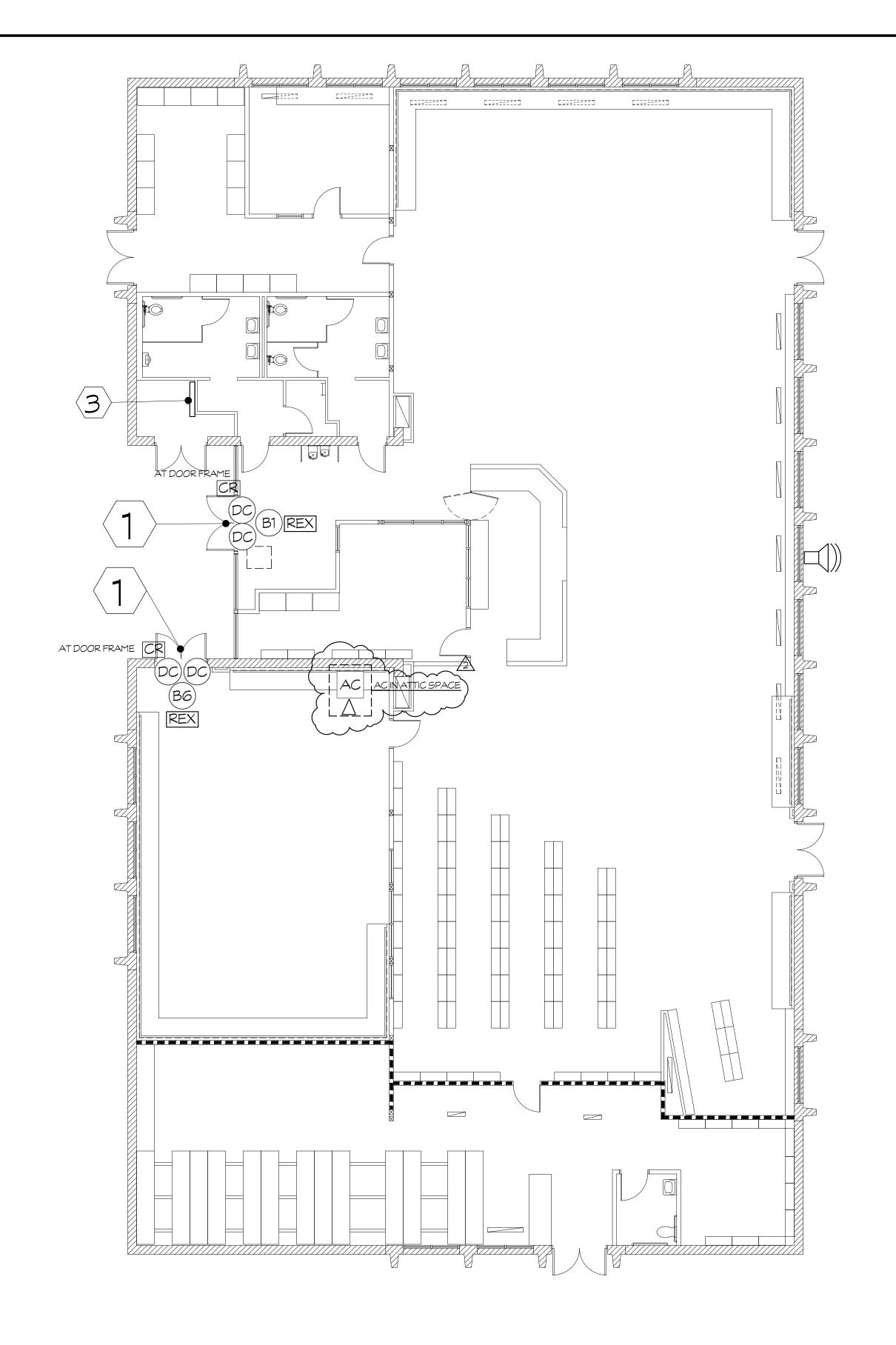
INTERIOR DOOR # B1



EXTERIOR DOOR # B6



INTERIOR DOOR # B6



BUILDING B: LIBRARY															
				DO	OR	FRA	ME		WALL		CEIL	LING			
DOOR No.	DOORTYPE	DOOR SIZE	W.×H.	EXISTING CONST.	EXISTING FINISH	EXISTING CONST.	EXISTING FINISH	EXISTING WALL CONST.	EXISTING EXT. FINISH	EXISTING INT. FINISH	EXISTING EXT. FINISH	EXISTING INT. FINISH	HARDWARE (SEE SPECS)	GENERAL NOTES	DETAIL SHEET D1.1
DOOR SCHEDULE (X)															
B1	DL	Œ	E) 3'-0" × 7'-0"	НМ	PT	НМ	PT	WIN	WIN	WIN	STU	GYP	9	2	8

ABBREVIATIONS

(E) 3'-0" × 7'-0"

- FF FACTORY FINISH FT FACTORY
- HM HOLLOW METAL PT PAINT GYP GYP. BOARD FINISH
- PH PANIC HARDWARE SF STOREFRONT
- WC WOOD CONSTRUCTION SI SINGLE DOOR
- DL DOUBLE DOOR FRP FIBER RESISTANT PANEL STU STUCCO FINISH

TB' T-BAR CEILING SYSTEM

TK TACKBOARD FINISH SGP SEMI-GLOSS PAINT WIN WINDOW SYSTEM

LEGEND

AC NEW ACCESS CONTROL PANEL / DOOR CONTROLLER PANEL TO BE INSTALLED AT THIS LOCATION FOR THIS BUILDING. INSTALL NEW DEDICATED POWER RECEPTACLE INSIDE PANEL. ALL CARD READERS AND DOOR ACCESSORIES TO BE ROUTED BACK TO THIS PANEL FOR _____ DETAIL 15/D1.1 TERMINATION.

LOCK CAMPUS LOCKDOWN
BUTTON WALL MOUNTED

DOOR CONTACT FOR EACH DOOR LEAD DOUBLE DOORS WILL NEED A "REX" DOOR CONTACT FOR EACH DOOR LEAF. LOCATED INSIDE THE BUILDING ABOVE

REX REQUEST TO EXIT MODULE INSTALLED ABOVE DOOR AND CONNECTED BACK TO DOOR CONTROLLER

OUTLET ON BISCUIT JACK INSIDE PANEL AND CONNECT WIRING BACK TO NEAREST MDF/IDF RACK AND TERMINATE ON EXISTING PATCH PANEL IN RACK. **EXISTING RATED WALL**

EXISTING WOOD / METAL WALLS

CR CARD READER / ACCESS DEVICE

NEW 24"x24" ACCESS PANEL

P.A. SPEAKER ALGO 8186 HORN

INSTALL NEW CAT6A DATA CABLE IN NEW ACCESS CONTROL PANEL FOR NETWORK CONNECTIVITY. TERMINATE

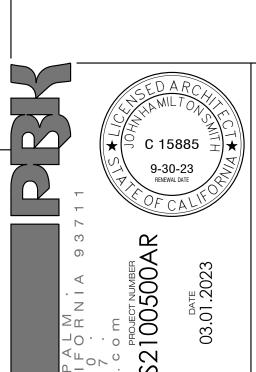
KEYNOTES \bigcirc

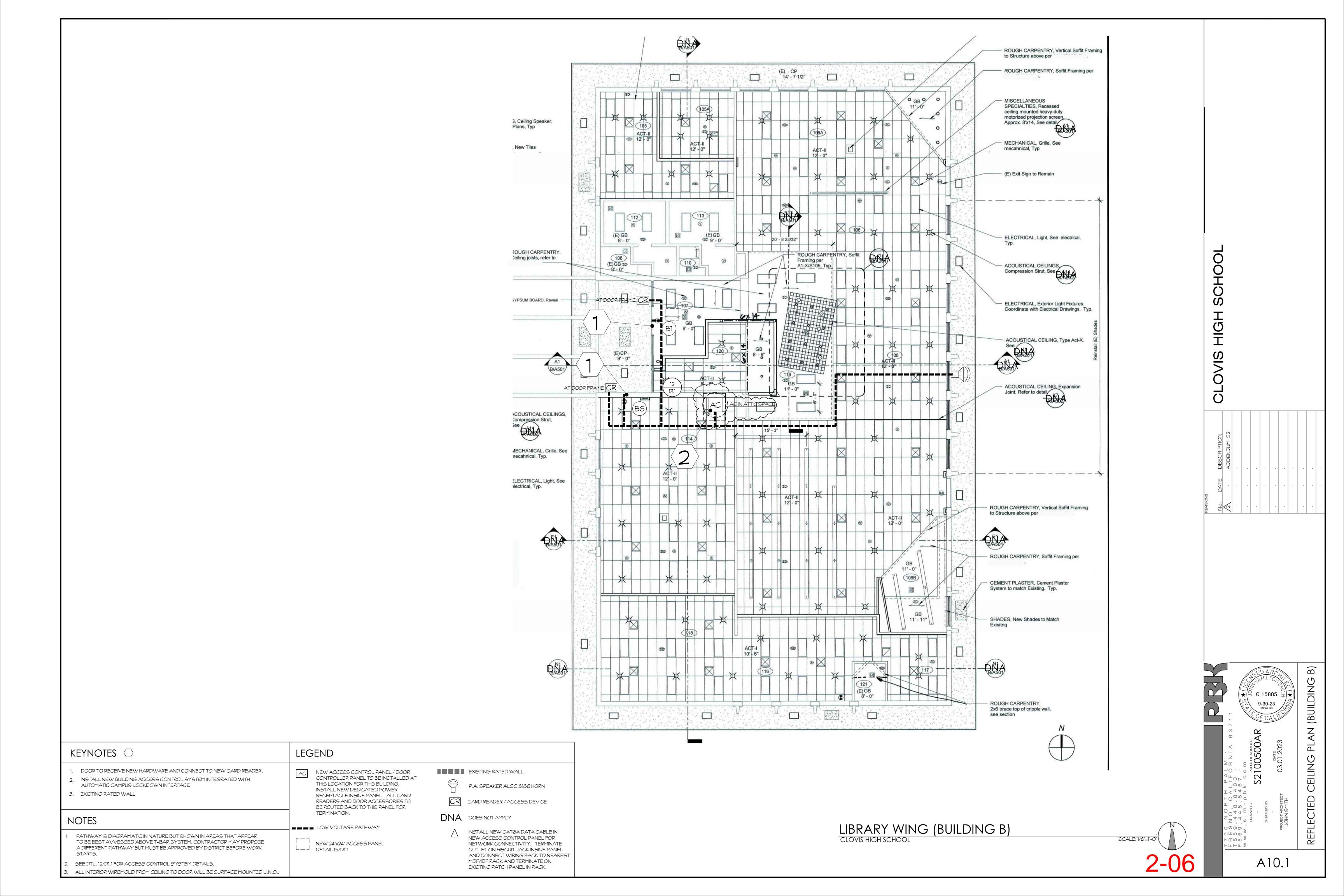
- 1. UNMANNED DOOR, PROVIDE CARD READER
- 2. CAMPUS LOCKDOWN BUTTON. REFER TO SPECIFICATIONS FOR DETAILS
- 3. EXISTING ELECTRICAL PANEL LOCATION. CONTRACTOR TO INSTALL (2) NEW 120V, 20A CIRCUITS FROM PANEL TO NEW ACCESS CONTROL PANEL AND NEW DOOR HARDWARE POWER SUPPLY ENCLOSURE. INSTALL NEW 20A, CIRCUIT BREAKER IN EXISTING PANEL.

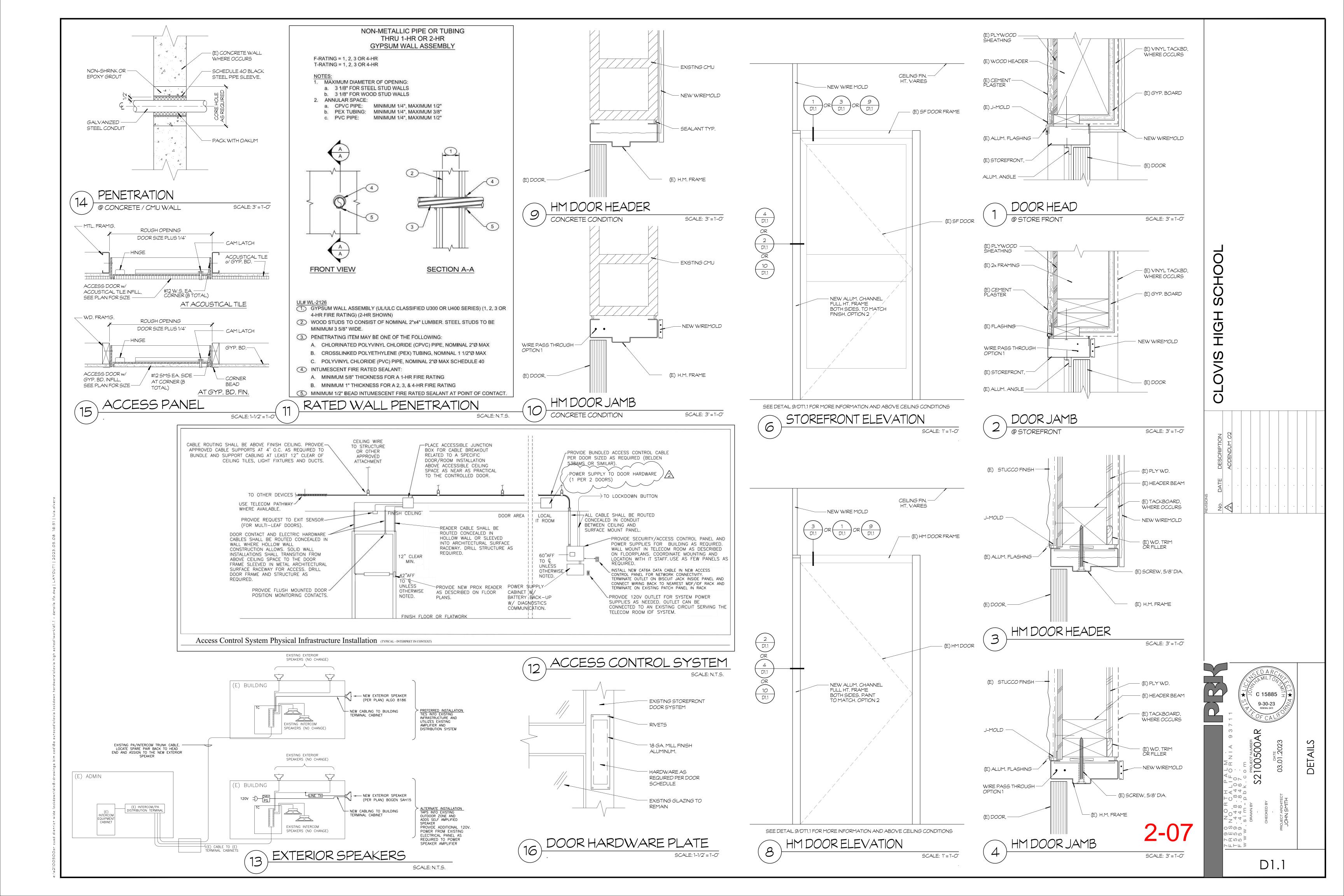
GENERAL NOTES

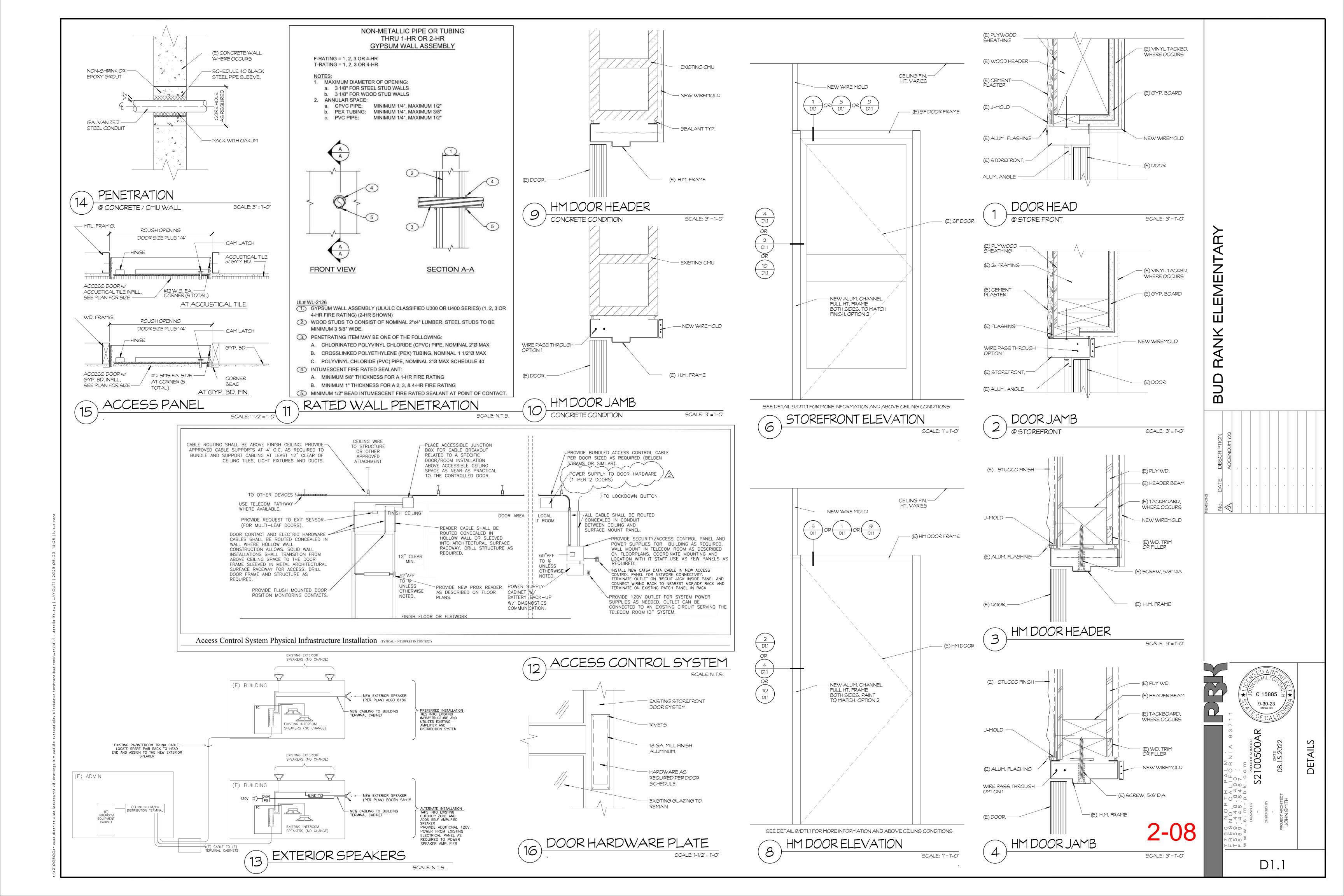
LIBRARY WING (BUILDING B)
CLOVIS HIGH SCHOOL

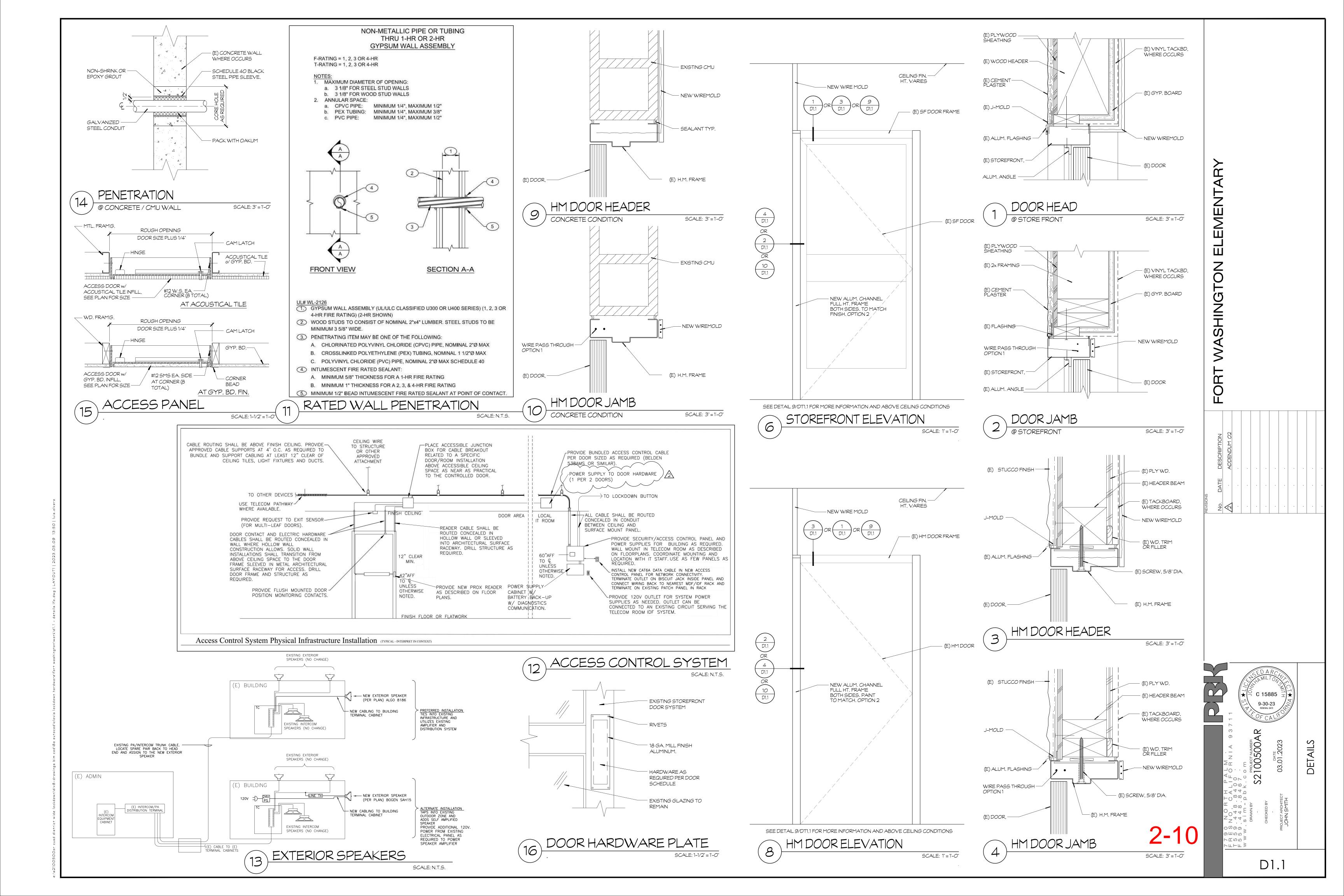
- 1. DEMO FINISHES TO ACCESS WORK. REPAIR ALL FINISHES BACK TO ORIGINAL FINISH/CONDITION.
- 2. SEE SPECIFICATIONS FOR MORE INFORMATION.
- 3. EXISTING EXTERIOR WALL CONDITION IS CONCRETE / CMU SYSTEM U.O.N..
- 4. SEE DTL. 12/D1.1 FOR ACCESS CONTROL SYSTEM DETAILS. 5. ALL INTERIOR WIREMOLD FROM CEILING TO DOOR WILL BE SURFACE MOUNTED U.N.O..
- 6. CONNECT DOOR CONTROLLER TO NEAREST OUTLET PREFERRED OR HARDWIRE THE NEXT OPTION.
- 7. USE WIREMOLD 2000 SERIES AND ACCESSORIES OR EQUAL. 8. ONE LINE DOOR LEAF ON A PAIR OF DOORS SHALL HAVE ELECTRIFIED HARDWARE. REMAINING "DEAD" WILL REMAIN EXIT ONLY AND EXTERIOR HARDWARE PULL WILL BE REMOVED FROM "DEAD" DOOR AND
- 9. DOUBLE DOORS SHALL RECIEVE A REQUEST TO EXIT (REX) DEVICE MOUNTED AT CEILING OR WALL ABOVE DOORS. SINGLE DOORS WILL HAVE REX INSIDE DOOR PANIC HARDWARE.











SECTION 01 10 00

SUMMARY

PART 1 - GENERAL

2-12

1.01 SUMMARY

A. General: Construction of BASE BID and Alternate portions of the work for <u>Clovis Unified School District – Campus Security Improvement Project</u> 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 7:00 a.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

Not Applicable.

ALTERNATES

1. None.

SUBMITTALS AND MATERIAL PROCUREMENT

- 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.

CREW SIZES

 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

- 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 preinstallation meeting prior to the start of their work onsite. All bid packages shall be available for preinstallation 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.
- Lunch and breaks shall be at designated areas only. No other areas will be allowed.
- 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.
- 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 and spoils generated by each bid package.
- 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.
- 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. Any work that needs to be performed in/above classrooms will need to be completed before or after school. All employees working on site shall be wearing badges and pass CUSD background check. Any communication with teachers/students will not be acceptable and employees will be removed from the job site immediately.

BID PACKAGE

CDL-01 - 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

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. See General Notes at beginning of summary of work specification section for other items.

COORDINATION WITH OTHER TRADES -

- 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. Furnish and install new doors where shown.
- 4. Furnish and install any cover plates as shown on drawings to cover any existing holes in doors/frames.

FOB Items

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

INSTALLATION OF FOB ITEMS

1. None

END OF BID PACKAGE

BID PACKAGE

CDL-02 - 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. See General Notes at beginning of summary of work specification section for other items

COORDINATION WITH OTHER TRADES

- Coordinate physical connection to door hardware with low voltage 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.
- 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 as shown on drawings. Wiring to be concealed inside wall if possible.
- 3. Furnish and install surface mount EMT conduit in gymnasiums. Paint conduit to match adjacent surroundings.

- 4. Furnish and install ceiling wires and cable supports for cabling running above accessible ceiling. Brace every 4'.
- 5. Remove and reinstall any glass in storefront/HM systems as required for access to own work.
- 6. Remove and reinstall acoustical ceiling tiles as required for access to own work. Any damaged tiles shall be replaced at contractors expense.
- 7. Furnish and install firestopping for own work as required at any penetrations through firewalls. Refer to plans for firewall locations.
- Furnish and install all access doors necessary to provide access to work included in this bid package.
 Anticipated access doors are shown on drawings. Provide required ceiling/soffit framing for installation of access doors.
- 9. Furnish and install watertight closures at all penetrations through exterior walls.
- 10. Furnish and install all new speakers and cabling for PA system upgrade as shown on drawings. Make physical connection to existing system.
- 11. Drill all necessary holes/sleeves in walls, doors, and frames as required to allow for installation of own work.
- 12. Furnish and install all security/access control panels and power supplies for all buildings as required.
- 13. Make final connection/termination where cabling connects to door hardware.
- 14. Furnish and install power for door notifier/power supplies/battery backups. See detail 12/D1.1 for additional information. Provide power from existing electrical panel to equipment location as called out on plans.
- 15. Furnish and install emergency push button located at front desk as indicated on drawings.
- 16. Furnish and install lockable enclosure panel for all power supplies and battery backups to allow for clean installation and to eliminate potential vandalism to equipment exposed to public view. Refer to drawings for exact locations and sizes.
- 17. Furnish and install network cabling to access control equipment.
- 18. Furnish and install card readers, security wiring, and headend equipment.
- 19. Furnish and install interface relays, door position contacts, and request to exit devices.

FOB ITEMS

1. None

INSTALLATION OF FOB ITEMS

Install power supplies/battery backups furnished FOB by Door Hardware Contractor.

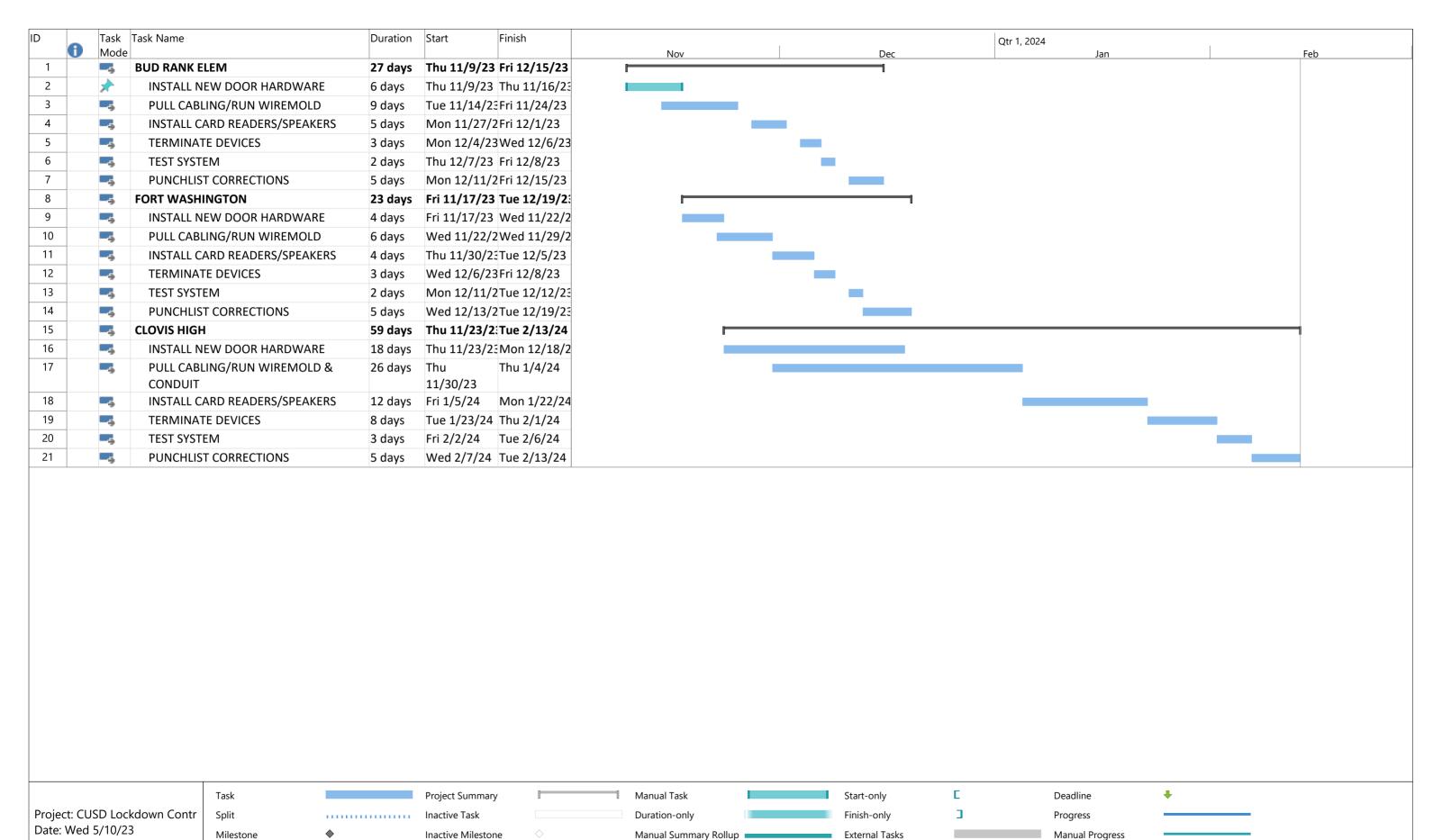
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2. Any equipment/material provided FOB from the door hardware bid package and installed by this bid package, the installing contractor shall meet all certifications/licensing requirements necessary to install and warranty the product.

END OF BID PACKAGE

SEE ATTACHED SCHEDULE

END OF SECTION 01 10 00



Summary Inactive Summary

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Manual Summary

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External Milestone