

AREA 'A'  
REFER TO SHEET T-2.0 FOR  
ENLARGED PLAN

AREA 'B'  
REFER TO SHEET T-3.0 FOR  
ENLARGED PLAN

**CAMELLIA ELEMENTARY - OVERALL SITE PLAN**

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



ENGINEER LEAF  
SACRAMENTO  
2520 Venture Oaks Way, Suite 440  
Sacramento, CA 95833  
916-682-9484 P  
916-682-0950 F

CAMELLIA E.S. TELE-CENTER UPGRADE PROJECT

6800 COUGAR DRIVE  
SACRAMENTO, CA



KEY PLAN  
NORTH PLAN TRUE

DISCIPLINE

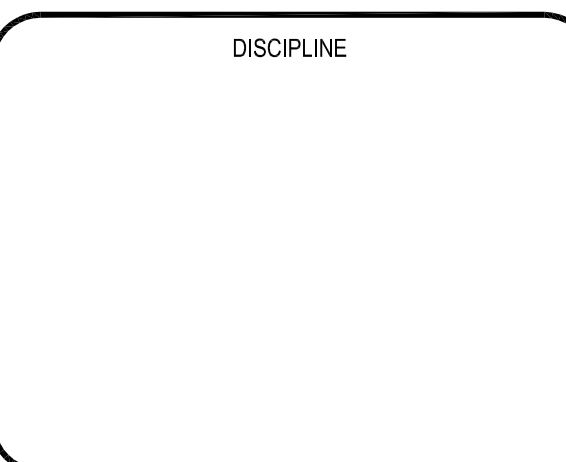
CLIENT  
SACRAMENTO CITY U.S.D.  
DATE 05/30/2023 PROJECT NUMBER 0035-464

DRAWING HISTORY		
No.	Description	Date
1	100% OWNER REVIEW	05/30/2023

Project Status  
BUILDING NUMBER

**OVERALL SITE PLAN  
CAMELLIA ES**

**T-1.0**



CLIENT	
SACRAMENTO CITY U.S.D.	PROJECT NUMBER
DATE	0035-464
05/30/2023	

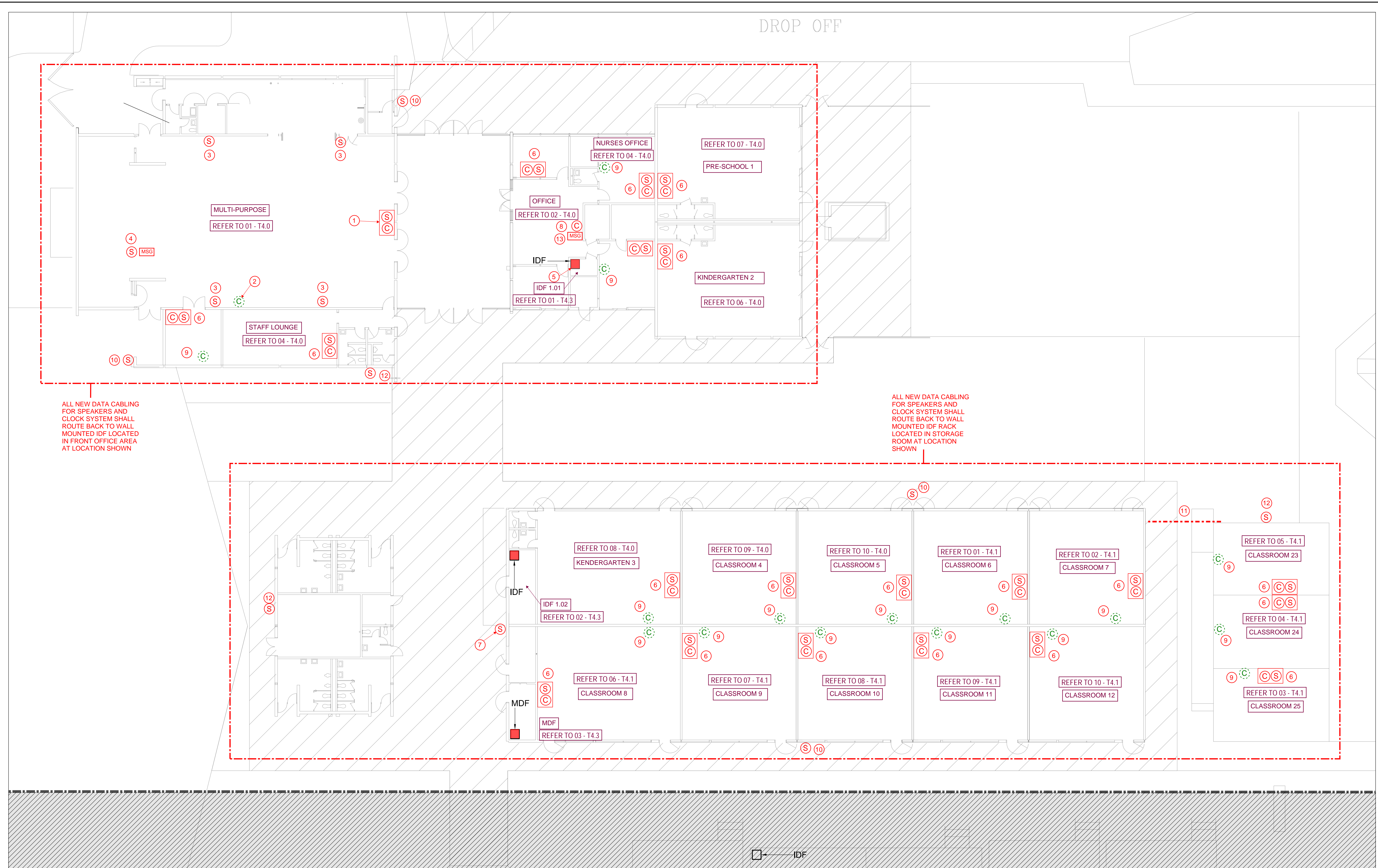
No.	Description	Date
100%	OWNER REVIEW	05/02/2023

Project Status

BUILDING NUMBER

**INTERCOM AREA 'A' CAMELLIA ES**

**T-2.0**



**CAMELLIA ELEMENTARY - INTERCOM PLAN - AREA 'A'**  
SCALE: 3/32" = 1'-0"

**INTERCOM / CLOCK KEYED NOTES:**

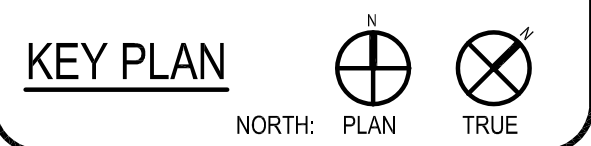
- 1 CONTRACTOR TO REPLACE EXISTING WALL MOUNTED SPEAKER AND CLOCK AND REPLACE WITH NEW COMBO IP SPEAKER / CLOCK UNIT. CONTRACTOR TO RE-USE EXISTING SURFACE MOUNTED RACEWAY OR PROVIDE NEW SURFACE MOUNTED RACEWAY AS REQUIRED TO INSTALL NEW CABLING BACK TO BUILDING IDF LOCATION. PROVIDE WIRING FOR NEW CLOCK.
- 2 EXISTING WALL MOUNTED CLOCK AND WIRING TO BE REMOVED. PATCH SIDE OF DUCTWORK AS REQUIRED.
- 3 NEW WALL MOUNTED SPEAKER SERVING MPR AREA. ROUTE NEW DATA CABLING FROM SPEAKER VIA NEW SURFACE MOUNTED RACEWAY BACK TO BUILDING IDF LOCATION. COORDINATE SPEAKER INSTALLATION WITH EXISTING DUCTWORK ROUTED ALONG WALL.
- 4 IN KITCHEN AREA SERVING LINE, REPLACE EXISTING SPEAKER WITH NEW SPEAKER / DIGITAL MESSAGE BOARD AND CONNECT NEW DATA CABLING BACK TO BUILDING IDF RACK.
- 5 EXISTING WALL MOUNTED IDF RACK TO REMAIN. CONTRACTOR TO INSTALL NEW CISCO 24 PORT NETWORK SWITCH AND CONNECT FIBER TO NEW GBIC MODULE IN SWITCH. ALL NEW SPEAKER / CLOCK CABLING SHALL ROUTE BACK TO THIS LOCATION AND TERMINATE ON NEW 48 PORT PATCH PANEL. CONTRACTOR TO PROVIDE PATCH CABLES ON BOTH ENDS FOR COMPLETE INSTALLATION. USE EXISTING TRIPP-LITE UPS FOR POWER TO NEW NETWORK SWITCH. CONTRACTOR IS TO INSTALL A NEW TRIPP-LITE UPS IN IDF CABINET WHERE NONE IS CURRENTLY INSTALLED.
- 6 INSTALL NEW WALL MOUNTED COMBO CLOCK / SPEAKER ENCLOSURE TO REPLACE EXISTING SPEAKER. PATCH WALL AS REQUIRED, RE-USE EXISTING RACEWAY. INSTALL NEW DATA CABLING FROM ENCLOSURE BACK TO IDF.
- 7 REPLACE EXISTING EXTERIOR SPEAKER WITH NEW IP EXTERIOR SPEAKER. CONTRACTOR TO SEAL ALL BUILDING PENETRATIONS.
- 8 INSTALL NEW CLOCK AND MESSAGE BOARD IN FRONT OFFICE LOCATION. PROVIDE NEW SURFACE MOUNTED RACEWAY AND CABLING BACK TO IDF.
- 9 REMOVE EXISTING CLOCK AND WIRING AND REPAIR WALL.

- 10 INSTALL NEW EXTERIOR SPEAKER TO REPLACE EXISTING SPEAKER CURRENTLY INSTALLED ON UNDERSIDE OF CANOPY. CONNECT NEW DATA CABLING BACK TO IDF CLOSET
- 11 EXISTING CONDUIT FROM MODULAR BUILDING BACK TO BUILDING CAN BE RE-USED FOR INSTALLING NEW DATA CABLING FROM MODULAR BUILDINGS BACK TO EXISTING IDF RACK.
- 12 NEW EXTERIOR SPEAKER MOUNTED AS HIGH AS POSSIBLE ON WALL BELOW ROOF EDGE. ROUTE NEW CABLING FROM SPEAKER BACK INTO BUILDING AND TERMINATE AT HEADEND RACK. SEAL ALL BUILDING PENETRATIONS.
- 13 EXISTING INTERCOM WALL MOUNTED HEADEND UNIT TO BE REMOVED ALONG WITH ALL EXISTING WIRING. CONTRACTOR TO PATCH AND PAINT WALL WHERE UNIT WAS REMOVED.

**GENERAL NOTES:**

1. CONTRACTOR SHALL LEAVE THE EXISTING INTERCOM SYSTEM OPERATIONAL THROUGHOUT ALL PHASES OF CONSTRUCTION IF REPLACEMENT WORK IS TAKING PLACE DURING THE SCHOOL YEAR. ONCE THE NEW SYSTEM IS OPERATIONAL AND WORKING 100%, THE CONTRACTOR SHALL THEN REMOVE ANY EXISTING DEVICES AND EXISTING WIRING THAT IS NO LONGER REQUIRED FOR CAMPUS INTERCOM AND CLOCK SYSTEM TO FUNCTION.
2. THIS INTERCOM AND CLOCK REPLACEMENT PROJECT IS ALSO RESPONSIBLE FOR ALL IP NETWORK SWITCHES, DATA CABLING, PATCH PANELS, UPS EQUIPMENT AND CONDUIT PATHWAYS REQUIRED FOR A COMPLETE INSTALLATION OF THE CLOCK AND INTERCOM SYSTEM. ALL CONTRACTOR WORK SHALL BE PERFORMED BY LICENSED CONTRACTOR THAT IS CERTIFIED TO INSTALL AND SUPPORT SPECIFIC SYSTEM BEING INSTALLED SUCH AS DATA CABLING, NETWORK EQUIPMENT AND INTERCOM EQUIPMENT.
3. AT EACH HEADEND LOCATION (MDF/IDF), THE CONTRACTOR SHALL INSTALL A NEW 24 PORT, POE, CISCO SWITCH, MODEL #5500L-24P-4X-EDU1 WITH DNA ESSENTIALS AND 3 YEAR SERVICE AND SUPPORT LICENSING. PROVIDE AND CONFIGURE NEW 10 GB SFP-10G-T FIBER PORT AND 1 METER CABLE.
4. AT EACH IDF LOCATION, THE CONTRACTOR SHALL USE THE EXISTING TRIPP-LITE UPS UNIT INSTALLED IN THE EXISTING RACK TO SUPPORT NEW NETWORK SWITCH BEING ADDED TO RACK. CONTRACTOR IS TO INSTALL A NEW TRIPP-LITE UPS IN IDF CABINET WHERE NONE IS CURRENTLY INSTALLED.
5. CONTRACTOR SHALL BREAK OUT A NEW PAIR OF FIBER STRANDS FROM THE EXISTING INTERCONNECTIONS BETWEEN THE EXISTING MDF AND IDF CLOSETS WHICH WILL NOW BECOME THE INTERCOM/CLOCK NETWORK VLAN. THE EXISTING FIBER BACKBONE HAS AVAILABLE STRANDS BETWEEN EXISTING CLOSETS FOR THIS WORK TO HAPPEN. CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE NEW FIBER PATCH CORDS AT EACH END TO CONNECT NEW FIBER TO NEW LOCAL NETWORK SWITCHES BEING INSTALLED.
6. CONTRACTOR IS RESPONSIBLE FOR PATCHING / REPAIRING / REPAINTING WALLS WHERE EXISTING SPEAKERS, CLOCKS OR RACEWAY IS BEING REMOVED AS PART OF THIS PROJECT. ANY CMU BLOCK OR BRICK WALLS THAT CANNOT BE REPAIRED WILL NEED TO HAVE METAL PLATE INSTALLED OVER OPENING AND PAINTED TO MATCH SURROUNDING WALL COLOR.
7. ALL SURFACE MOUNTED RACEWAY REQUIRED FOR INSTALLATION OF NEW INTERCOM AND CLOCK WIRING SHALL BE WIREMOLD SERIES 2300, COLOR SHALL MATCH EXISTING COLOR OF SURROUNDING ROOM.
8. ALL EXTERIOR RACEWAY SHALL BE IN RIGID CONDUIT, NO EXCEPTIONS.
9. CONTRACTOR TO INSTALL LABEL ON THE BOTTOM OF EACH DEVICE BEING INSTALLED THAT INDICATES DATA CABLING PORT NUMBER THAT DEVICE IS CONNECTED. LABEL SHALL BE WHITE WITH BLACK LETTERS AT 1/4" HEIGHT. TYPICAL FOR ALL DEVICES INSTALLED.

CAMELLIA ES - INTERCOM REPLACEMENT.DWG  
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DISCIPLINE

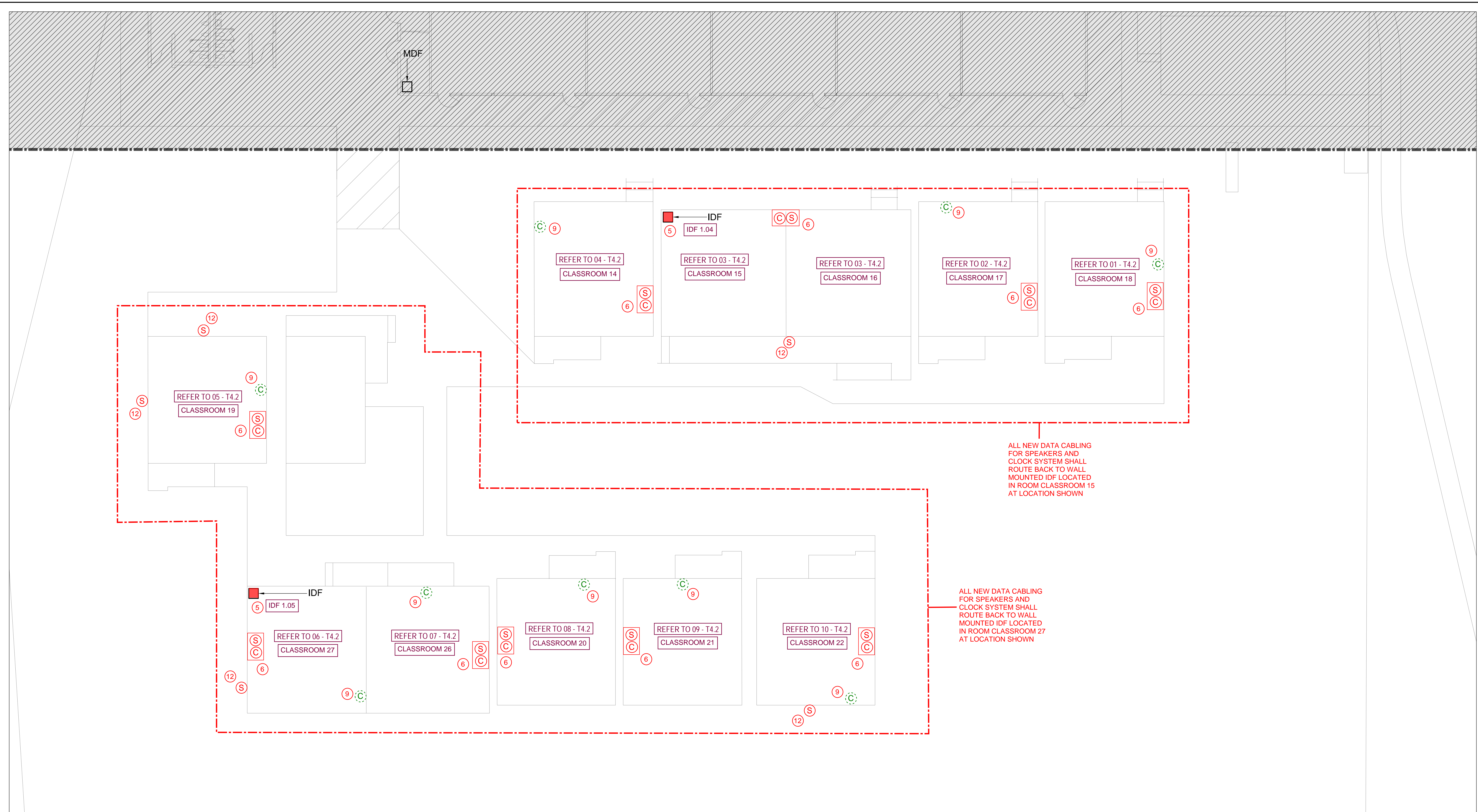
CLIENT  
 SACRAMENTO CITY U.S.D.  
 DATE 05/30/2023 PROJECT NUMBER 0035-464

No.	Description	Date
100%	OWNER REVIEW	05/02/2023

Project Status

BUILDING NUMBER  
**INTERCOM AREA 'B' CAMELLIA ES**

**T-3.0**



**CAMELLIA ELEMENTARY - INTERCOM PLAN - AREA 'B'**  
 SCALE: 3/32" = 1'-0"

**INTERCOM / CLOCK KEYED NOTES:**

- CONTRACTOR TO REPLACE EXISTING WALL MOUNTED SPEAKER AND CLOCK AND REPLACE WITH NEW COMBO IP SPEAKER / CLOCK UNIT. CONTRACTOR TO RE-USE EXISTING SURFACE MOUNTED RACEWAY OR PROVIDE NEW RACEWAY AS REQUIRED TO INSTALL NEW CABLING BACK TO BUILDING IDF LOCATION. PROVIDE WIREGUARD FOR NEW CLOCK.
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- INSTALL NEW CLOCK AND MESSAGE BOARD IN FRONT OFFICE LOCATION. PROVIDE NEW SURFACE MOUNTED RACEWAY AND CABLING BACK TO IDF.
- REMOVE EXISTING CLOCK AND WIRING AND REPAIR WALL.
- INSTALL NEW EXTERIOR SPEAKER TO REPLACE EXISTING SPEAKER CURRENTLY INSTALLED ON UNDERSIDE OF CANOPY. CONNECT NEW DATA CABLING BACK TO IDF CLOSET
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- EXISTING INTERCOM WALL MOUNTED HEADEND UNIT TO BE REMOVED ALONG WITH ALL EXISTING WIRING. CONTRACTOR TO PATCH AND PAINT WALL WHERE UNIT WAS REMOVED.

**GENERAL NOTES:**

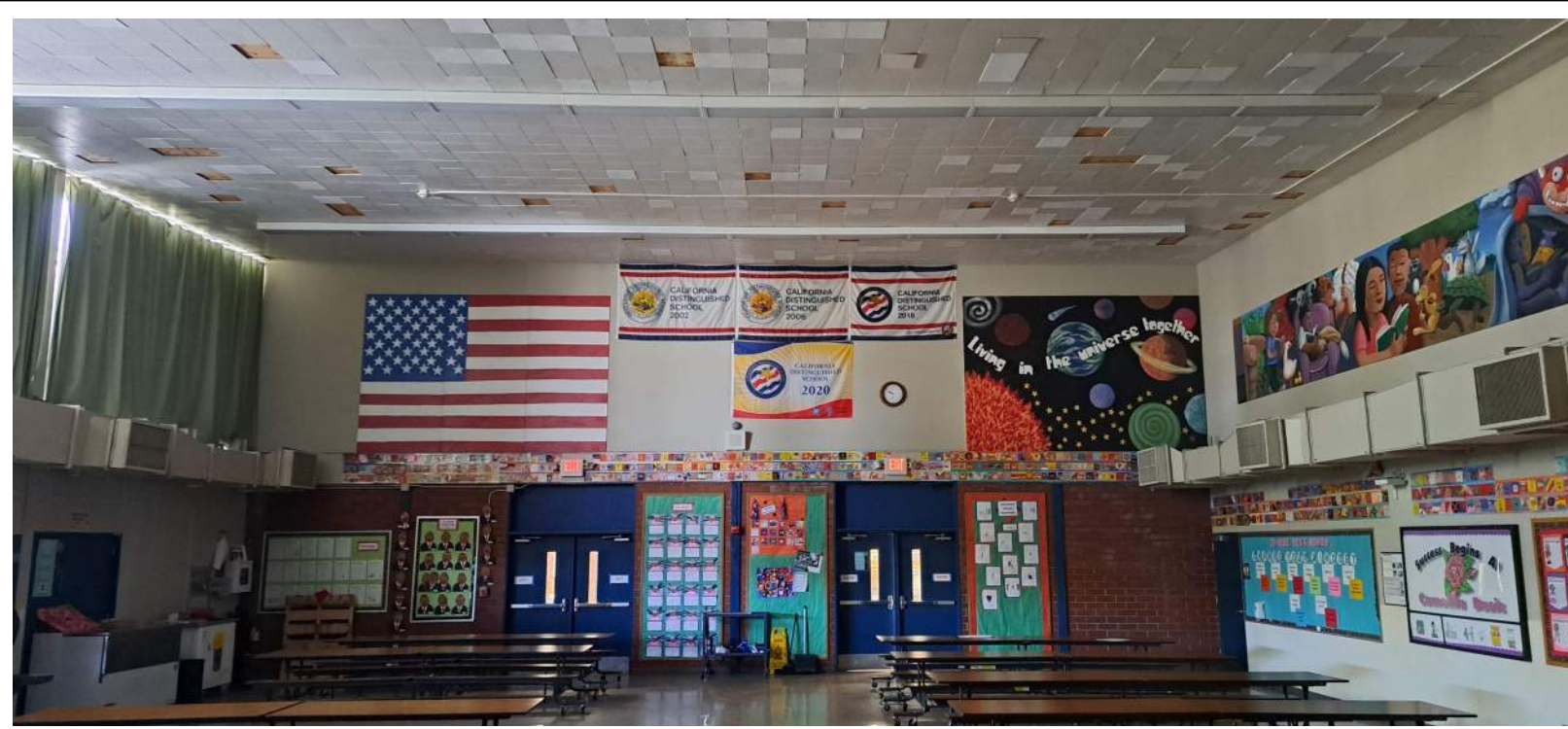
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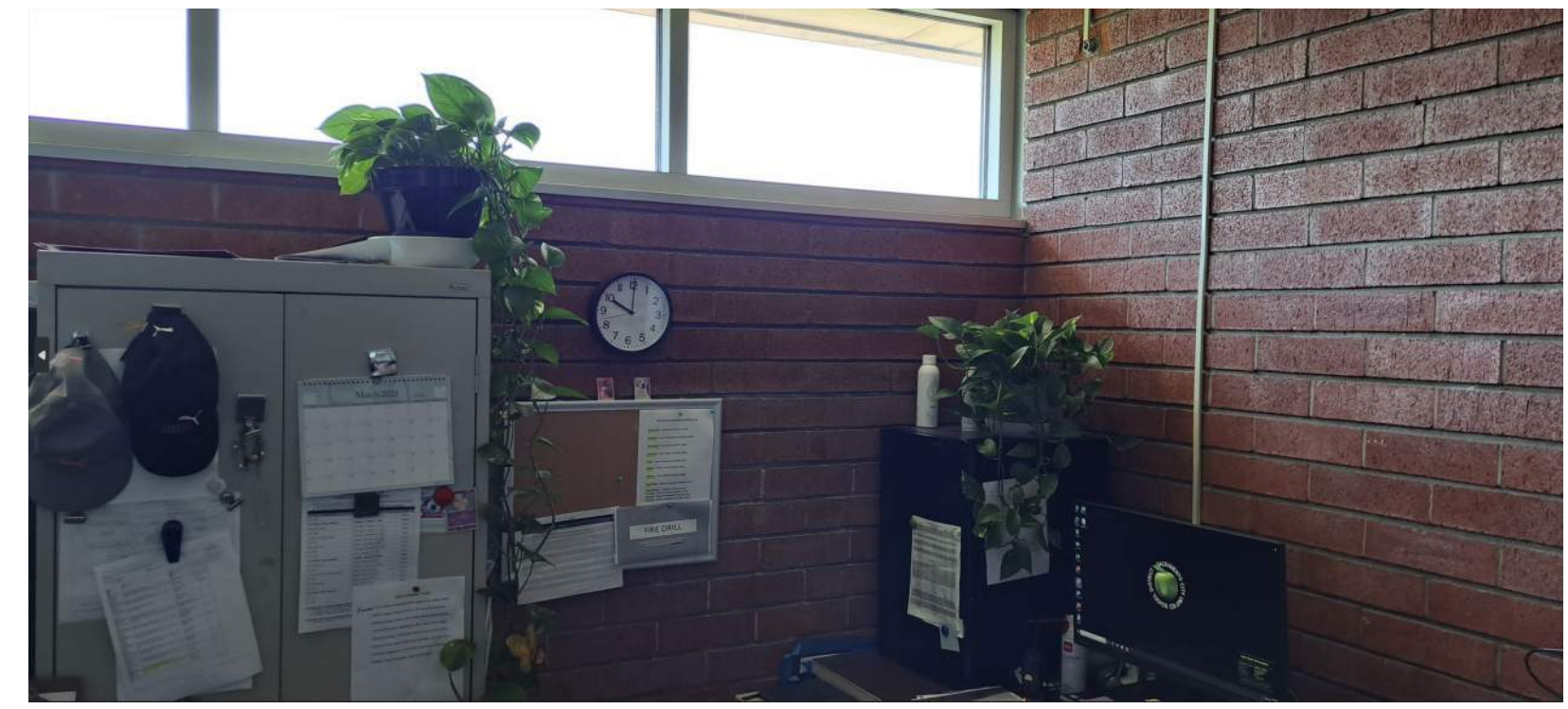


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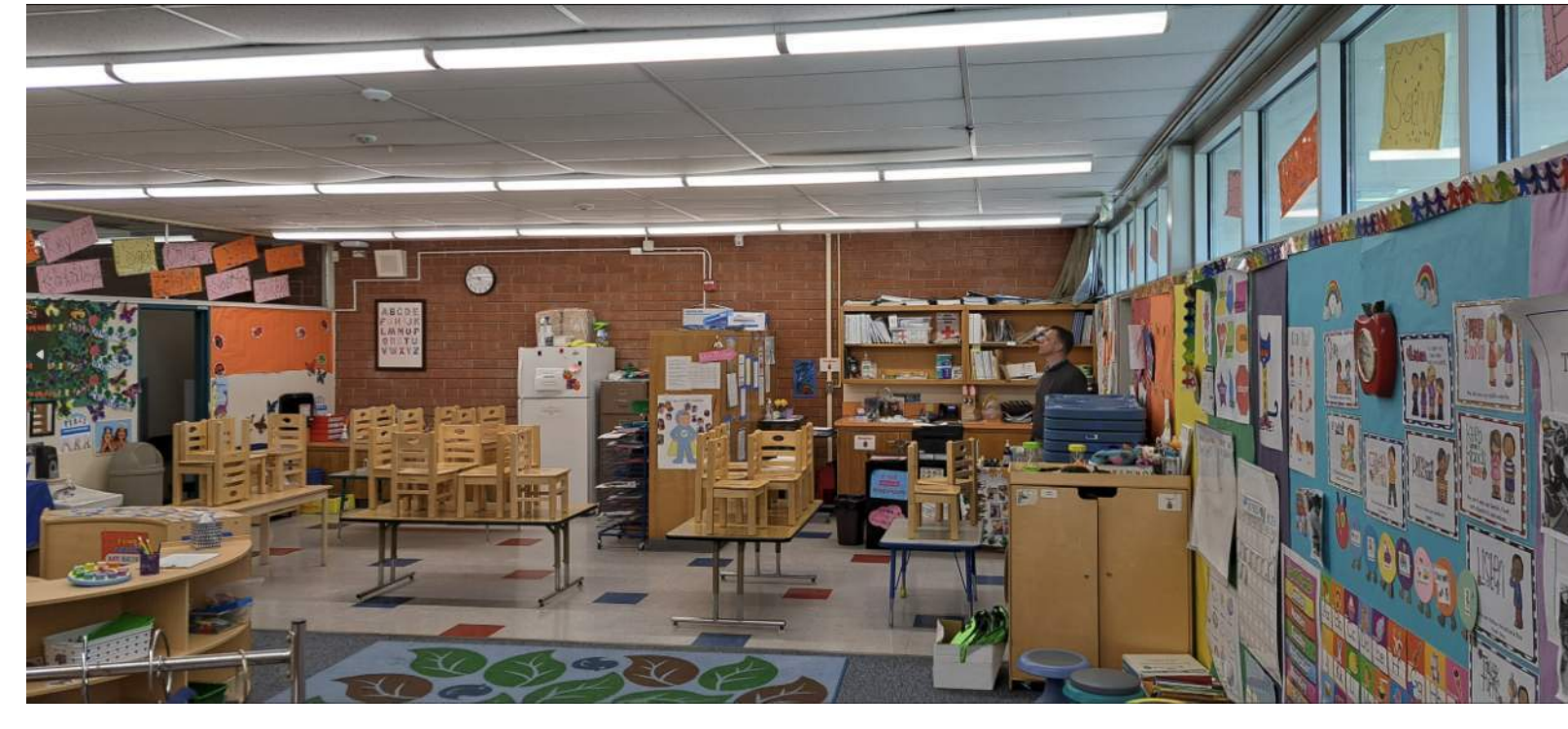
02 NURSES OFFICE

04 STAFF LOUNGE



05 PLANT MANAGER'S OFFICE

06 KINDERGARTEN 2



07 PRESCHOOL 1

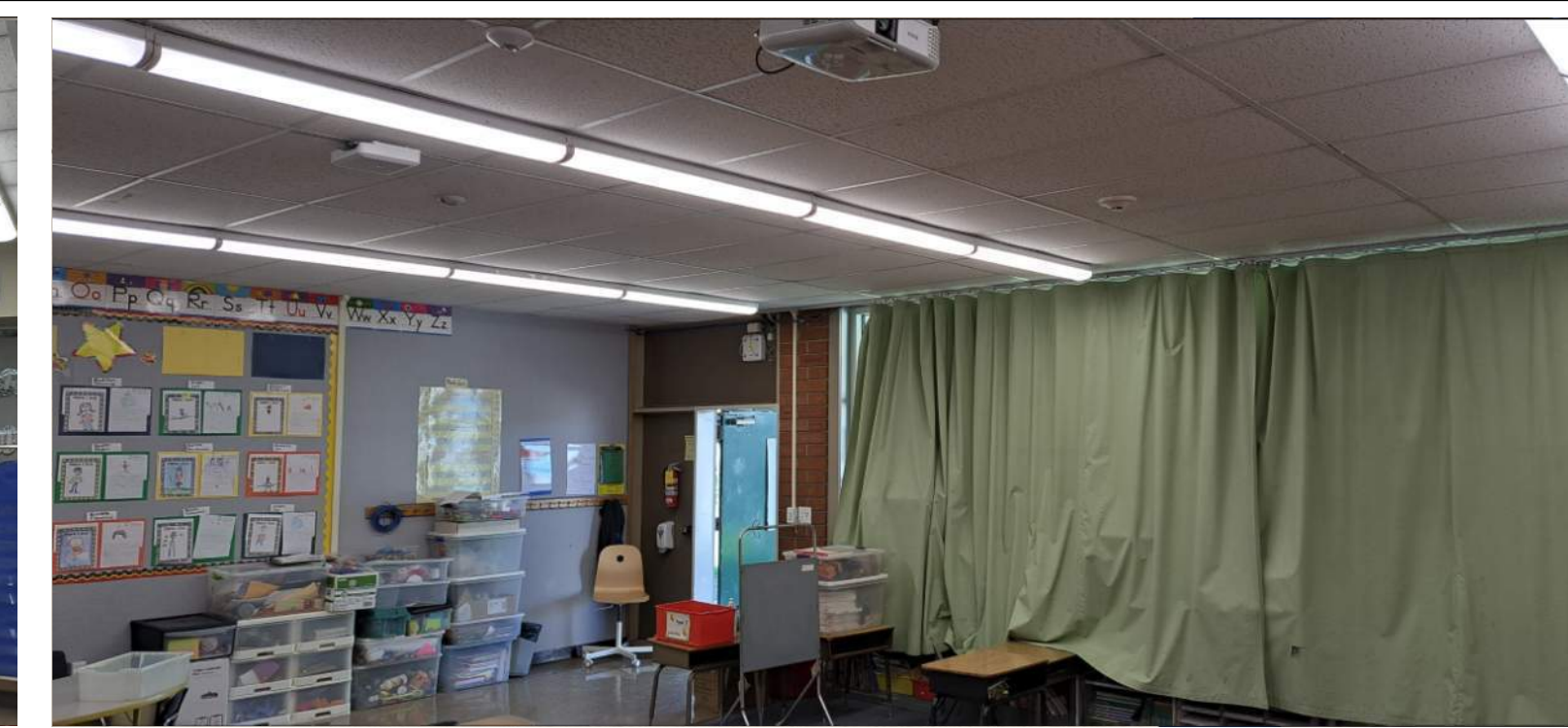
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09 CLASSROOM 4

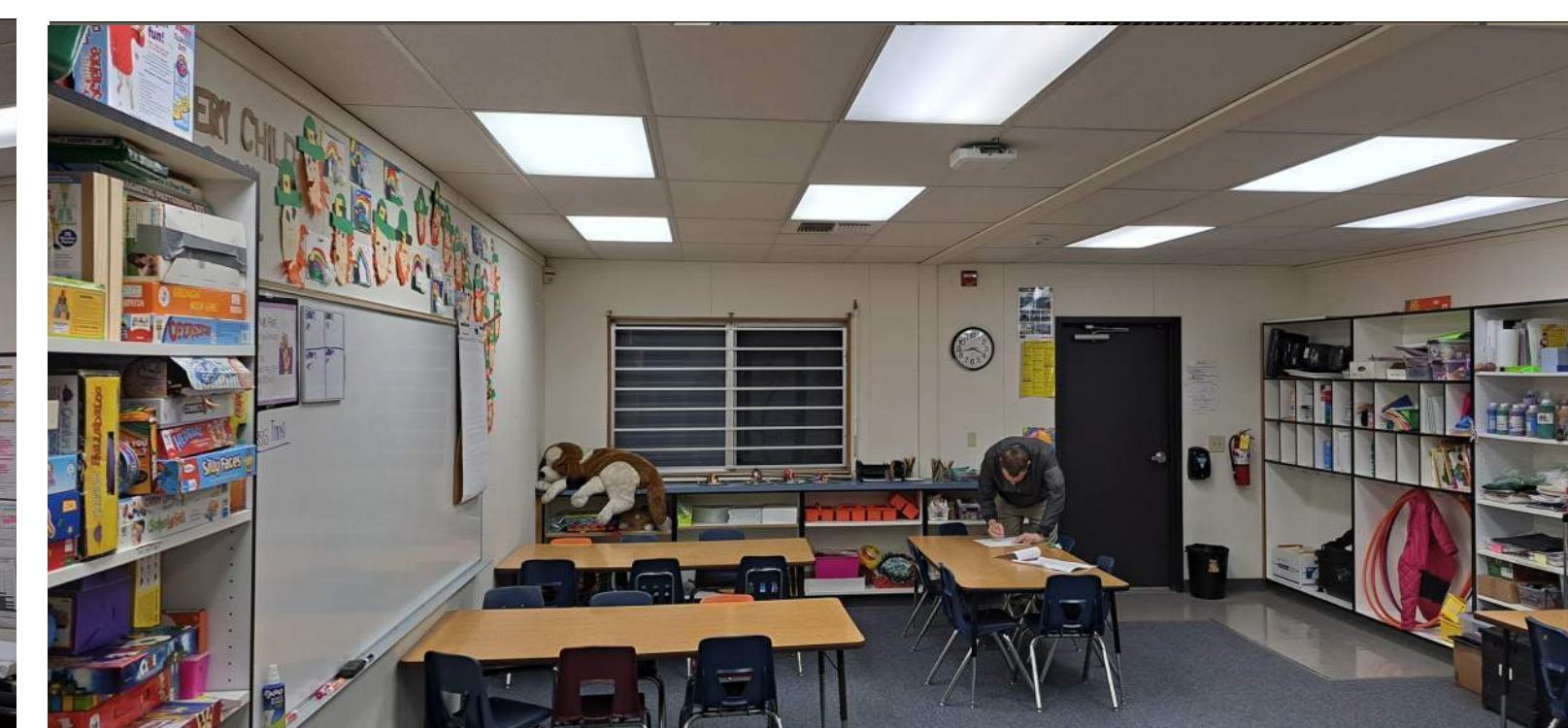
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No.	Description	Date
100%	OWNER REVIEW	05/30/2023



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02 CLASSROOM 7



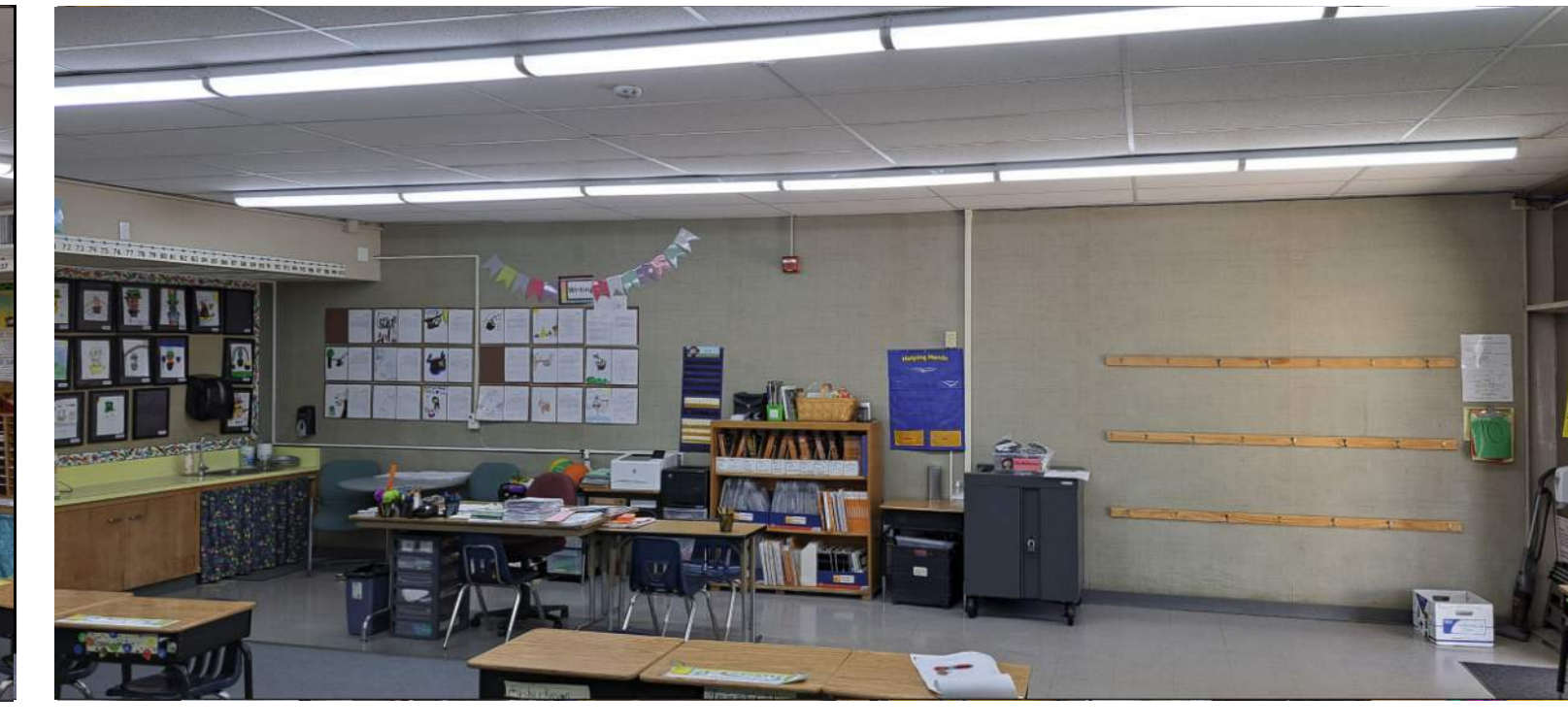
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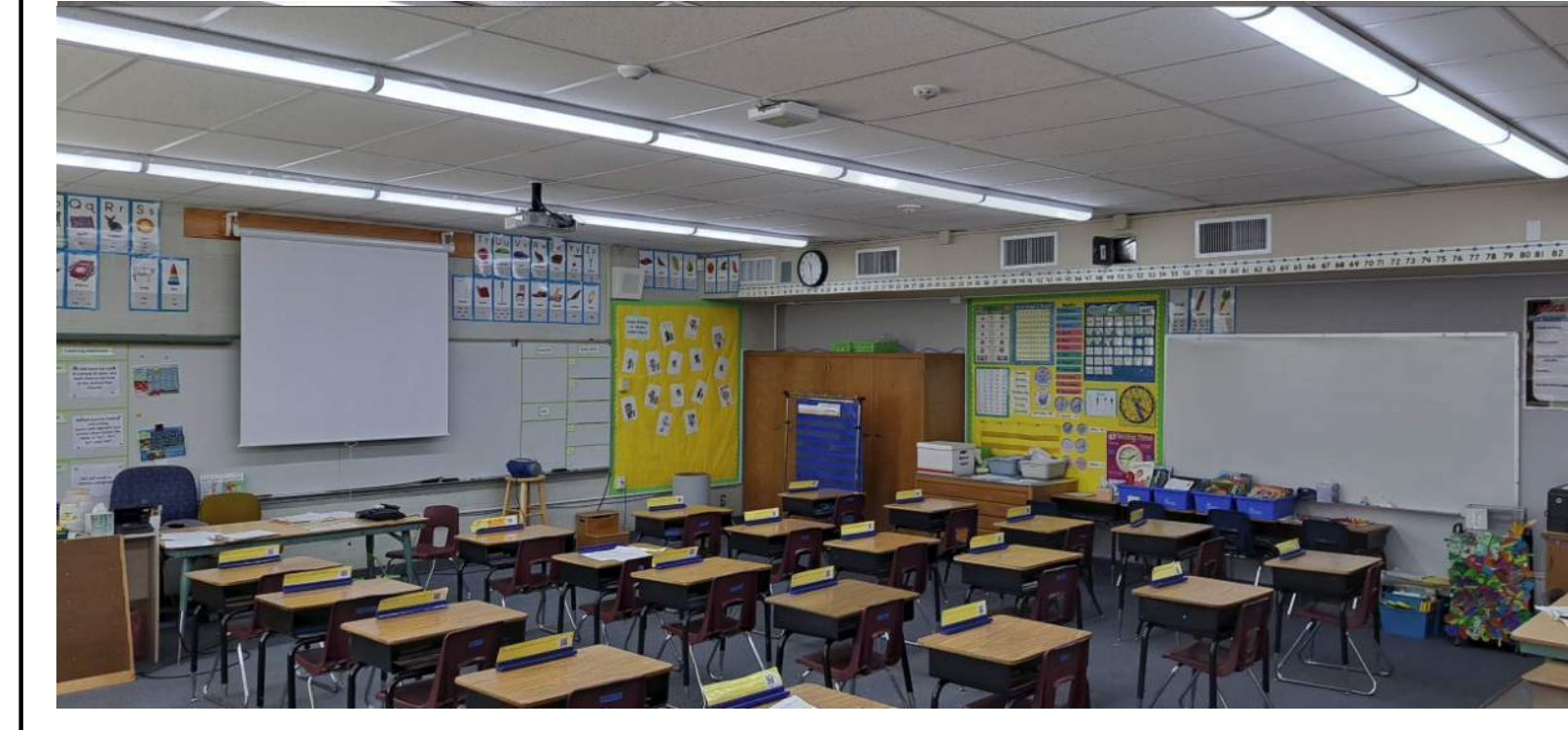
05 CLASSROOM 23

06 LIBRARY 8



07 CLASSROOM 9

08 CLASSROOM 10



09 CLASSROOM 11

10 CLASSROOM 12

No.	Description	Date
1	100% OWNER REVIEW	05/30/2023



01 CLASSROOM 18

02 CLASSROOM 17



03 CLASSROOM 15/16

04 CLASSROOM 14



05 CLASSROOM 19

06 CLASSROOM 27



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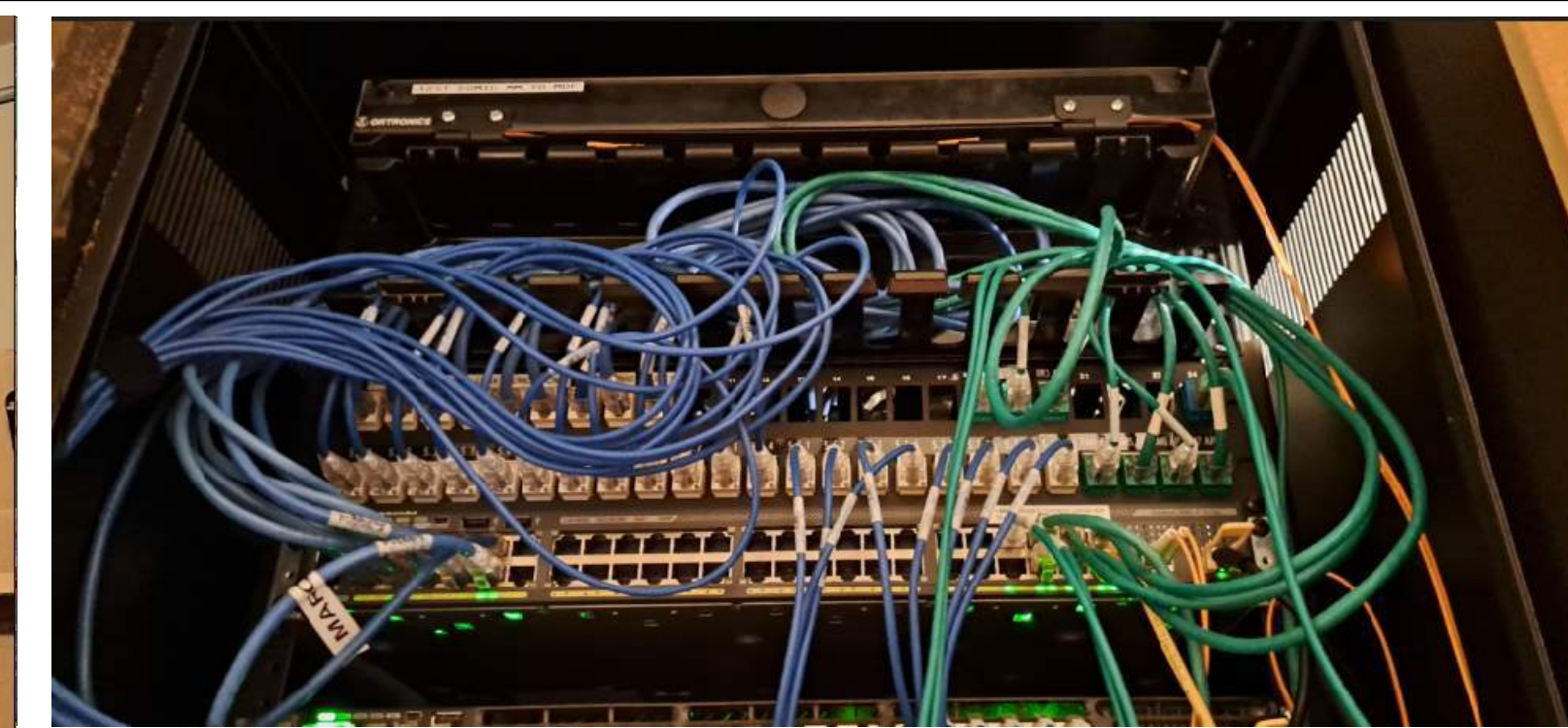
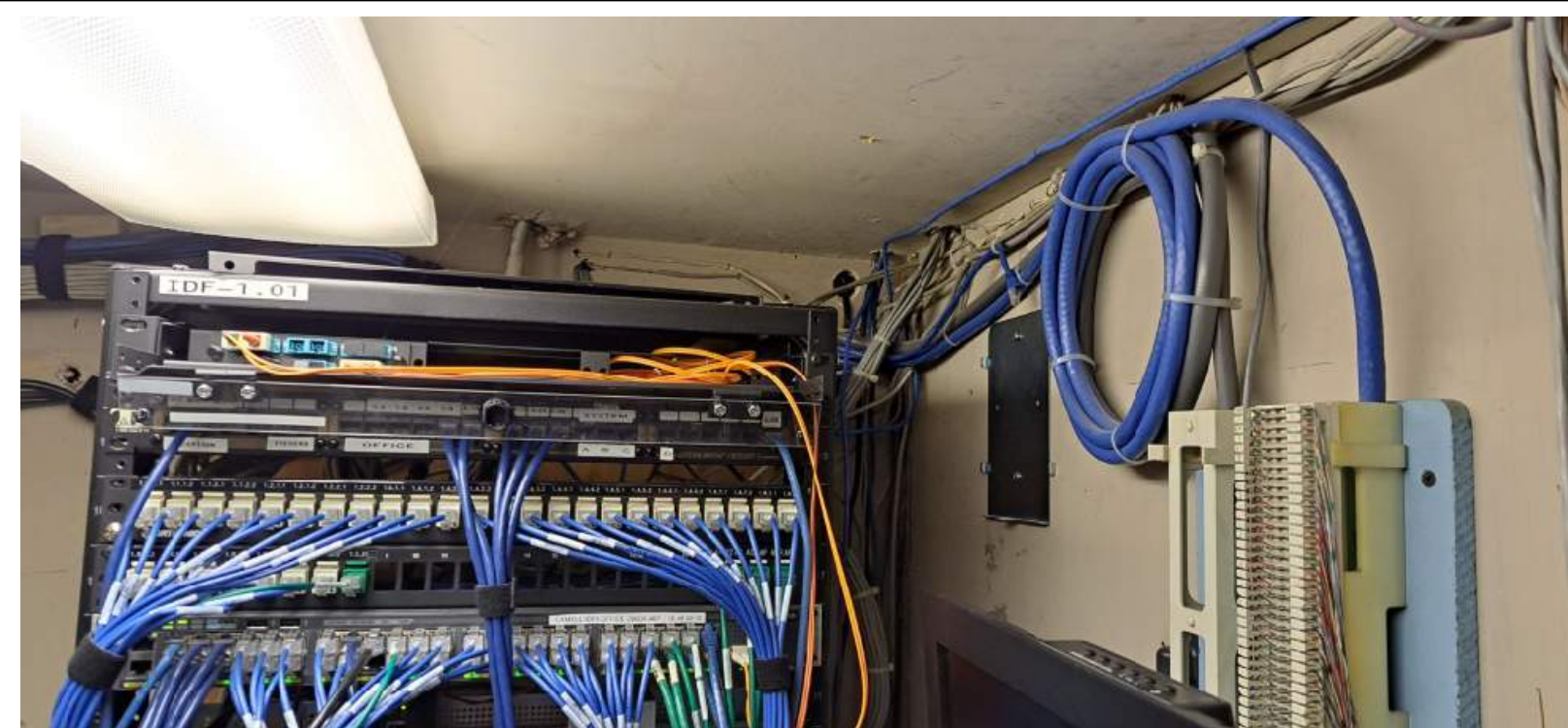
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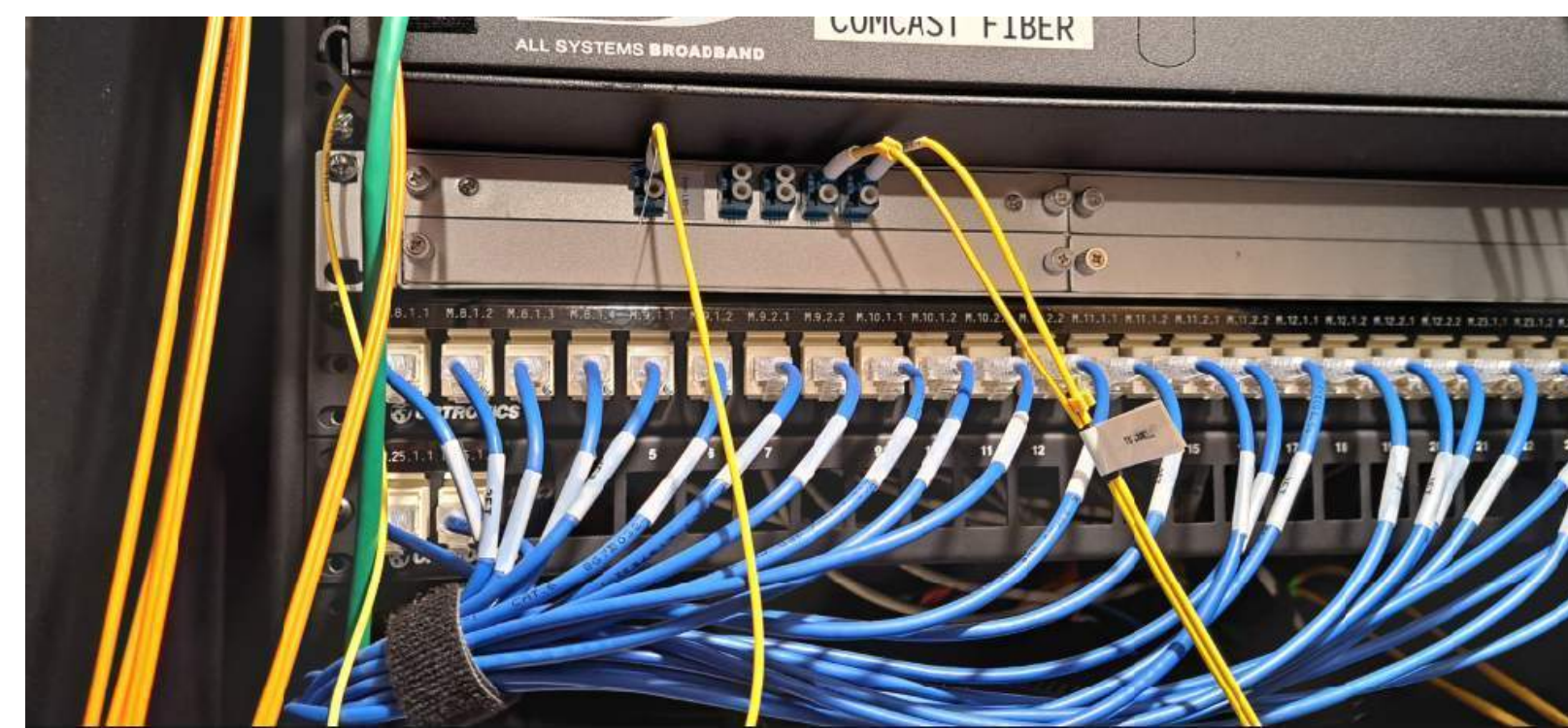
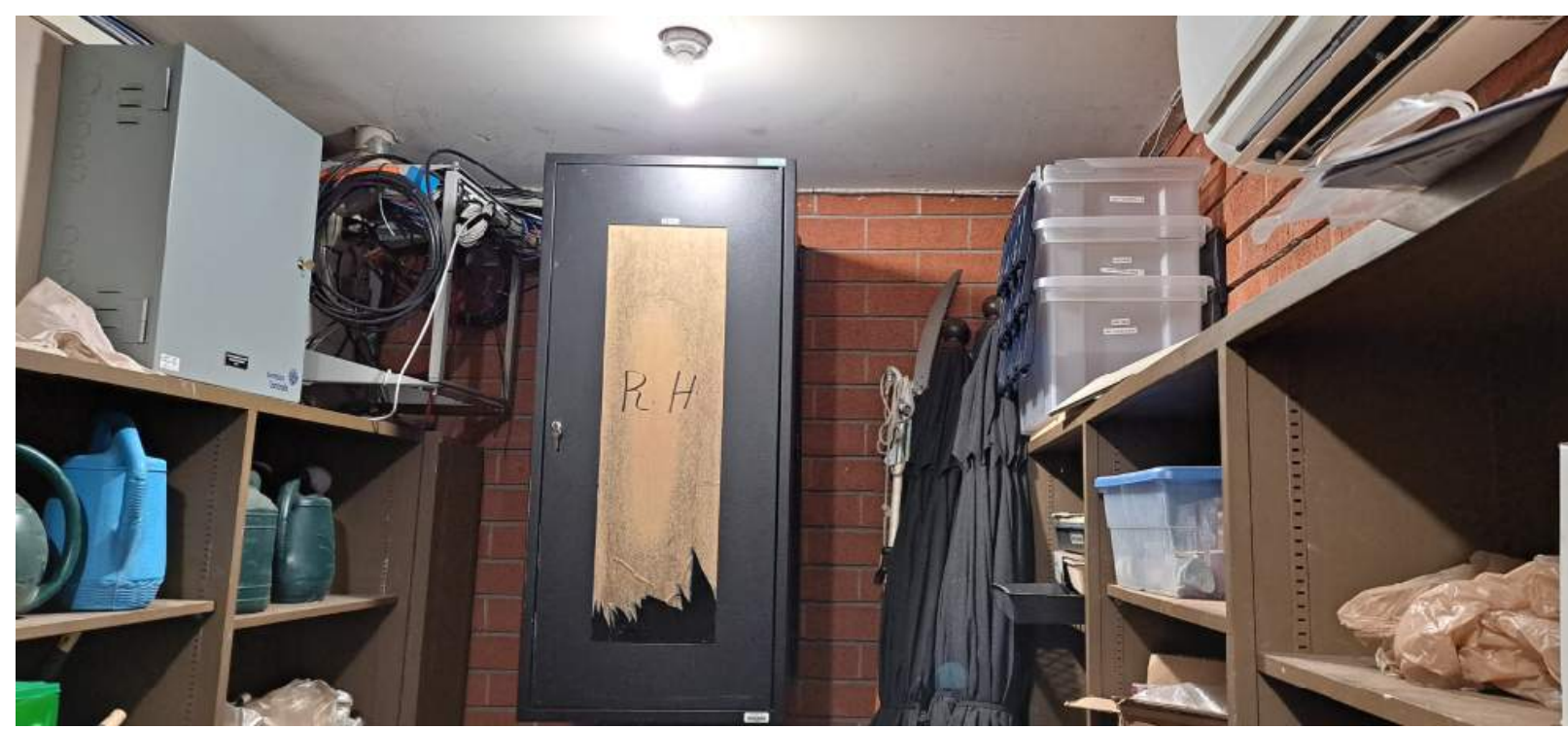
10 CLASSROOM 22

No.	Description	Date
100%	OWNER REVIEW	06/09/2023



01 IDF 1.01

02 IDF 1.02



03 MDF



ENGINEER LEAF  
SACRAMENTO  
2520 Venture Oaks Way, Suite 440  
Sacramento, CA 95833  
916-682-9484 P  
916-682-0950 F

CAMELLIA E.S. TELE-CENTER UPGRADE PROJECT

6800 COLUCCARD DRIVE  
SACRAMENTO, CA



KEY PLAN  
NORTH: PLAN TRUE

DISCIPLINE

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DATE: 05/30/2023 PROJECT NUMBER: 0035-464

No.	Description	Date
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Project Status

BUILDING NUMBER  
**ROOM  
PHOTOS  
CAMELLIA ES**

**T-4.3**