

DEMO 66-BLOCK
AND ASSOCIATED
CABLING

DEMO DISTRIBUTION
BLOCK AND COAX
CABLING

DEMO ANALOG
CLOCK CABLING

DEMO CUT
CABLING

DEMO ABANDONED
MULTIMODE FIBER

PICTURE DETAIL - TYPICAL STC DEMO

GENERAL NOTES:

1. CONTRACTOR SHALL TOUCH UP PAINT TO MATCH EXISTING CONDITIONS FOR ALL AREAS OF NEW INSTALL OR DEMOLITION.
2. CONTRACTOR SHALL DEMO ALL SURFACE RACEWAY OR CONDUIT ABANDONED AS A RESULT OF DEMO.
3. AFTER CUTOVER TO NEW SYSTEMS, ALL ANALOG INTERCOM AND CLOCK CABLING SHALL BE DEMOED FROM ENDPOINT TO ENDPOINT, INCLUDING WITHIN CONDUITS AND PULL BOXES.

SHEET NOTES:

- 1 DEMO (E) CEILING SPEAKER AND CABLE TO SOURCE. PROVIDE REPLACEMENT CEILING TILE TO MATCH EXISTING.
- 2 DEMO (E) SURFACE SPEAKER AND CABLE TO SOURCE. AT EXTERIOR LOCATIONS, WATERPROOF ANY PENETRATIONS.
- 3 DEMO (E) SPEAKER AND PROVIDE FLUSH BLANKING PLATE PER DETAIL 15/T800. PAINT TO MATCH ADJACENT WALL/CEILING SURFACE.
- 4 DEMO ALL ANALOG CLOCK, INTERCOM, COAX, AND ABANDONED DATA CABLES AT THIS STC CABINET. SEE TYPICAL STC DEMO PICTURE DETAIL.
- 5 DEMO TELECENTER HEADEND EQUIPMENT AND CABLING. SEE PICTURE DETAIL.
- 6 DEMO (E) CLOCK AND PROVIDE FLUSH BLANKING PLATE PER DETAIL 15/T800. PAINT TO MATCH ADJACENT WALL/CEILING SURFACE.
- 7 DEMO ANALOG TELEPHONE WALL PLATE AND CABLING TO SOURCE. PROVIDE BLANK COVER PLATE.
- 8 DEMO VIDEO PROJECTOR, CEILING MOUNT, PULL DOWN SCREEN, AND WALL INPUT. DEMO ALL CABLING AND PROVIDE REPLACEMENT CEILING TILE TO MATCH EXISTING.
- 9 DEMO FIBER ENCLOSURE ON WALL AND ASSOCIATED CABLING.



KMM SERVICES, INC.
TECHNOLOGY & FIRE LIFE SAFETY

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Office: (916) 359-4000 www.kmm-services.com

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IF DRAWING IS NOT 30"x42" IT IS A REDUCED PRINT

SHEET REVISIONS

DELTA	DESCRIPTION	DATE
ADDENDUM		2025-08-05

SITE KEY PLAN

PROJECT
**SACRAMENTO CITY
UNIFIED SCHOOL DISTRICT**
MATSUYAMA ES
TELECENTER UPGRADE
7680 WINDBRIDGE DRIVE
SACRAMENTO, CA 95831

SHEET TITLE
**TECHNOLOGY
SITE PLAN - DEMO**

DRAWING STATUS
CONSTRUCTION DOCUMENTS

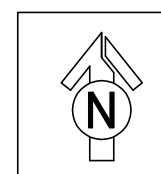
PROJECT NO:	
BID PACKAGE:	0242-411
DESIGNED BY:	CS
CHECKED BY:	SD
ISSUE DATE:	2025-07-07
WORKING DATE:	2025-08-05

REVISION

SHEET
T010

TECHNOLOGY SITE PLAN DEMO

SCALE: 1"=20'



WINDBRIDGE DRIVE

DROP OFF

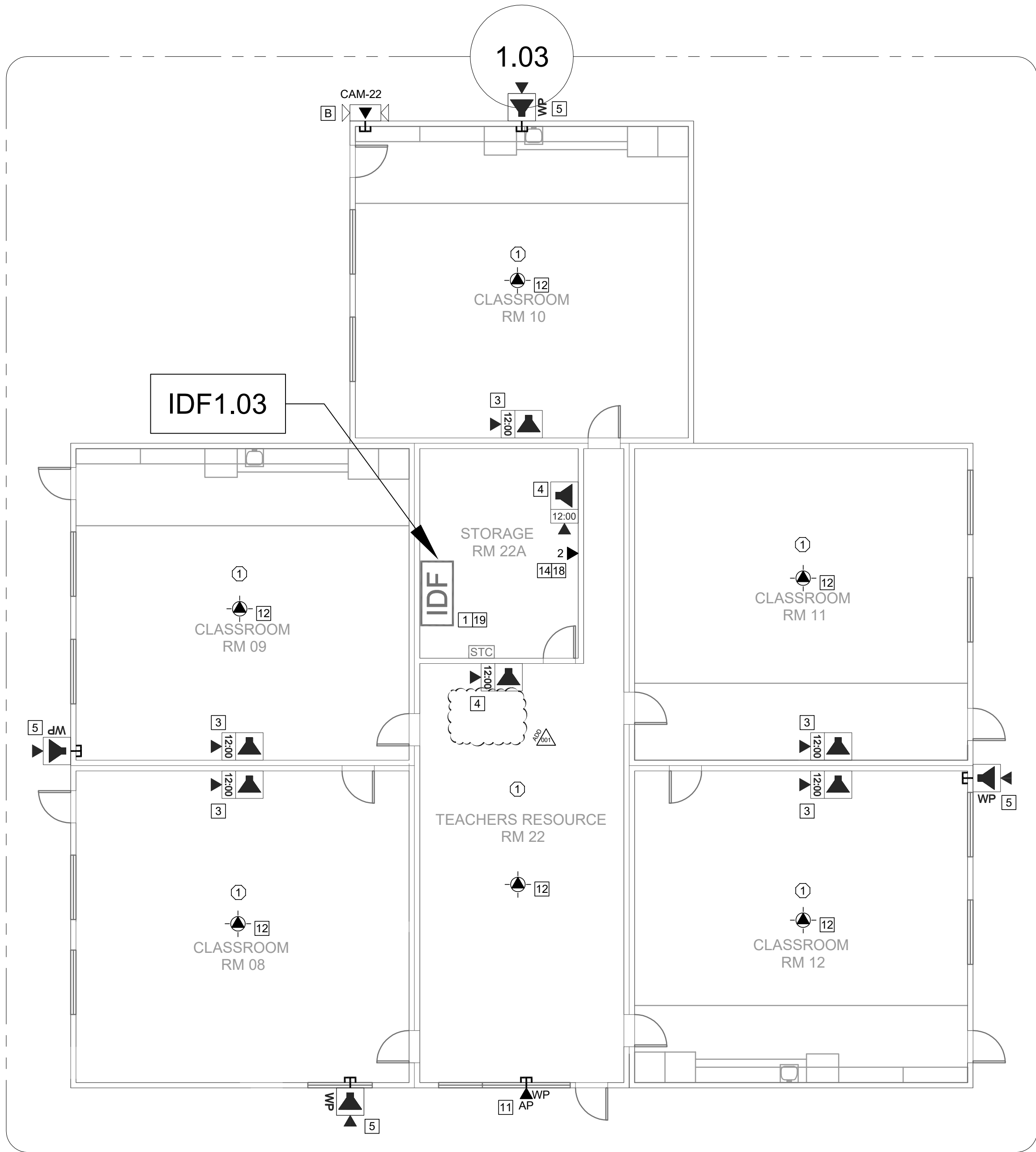
PARKING

PARKING

- GENERAL NOTES:
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 - CONTRACTOR SHALL CONFIRM ALL VIEWS FOR (N) CAMERAS WITH DISTRICT REPRESENTATIVE PRIOR TO PROJECT COMPLETION.

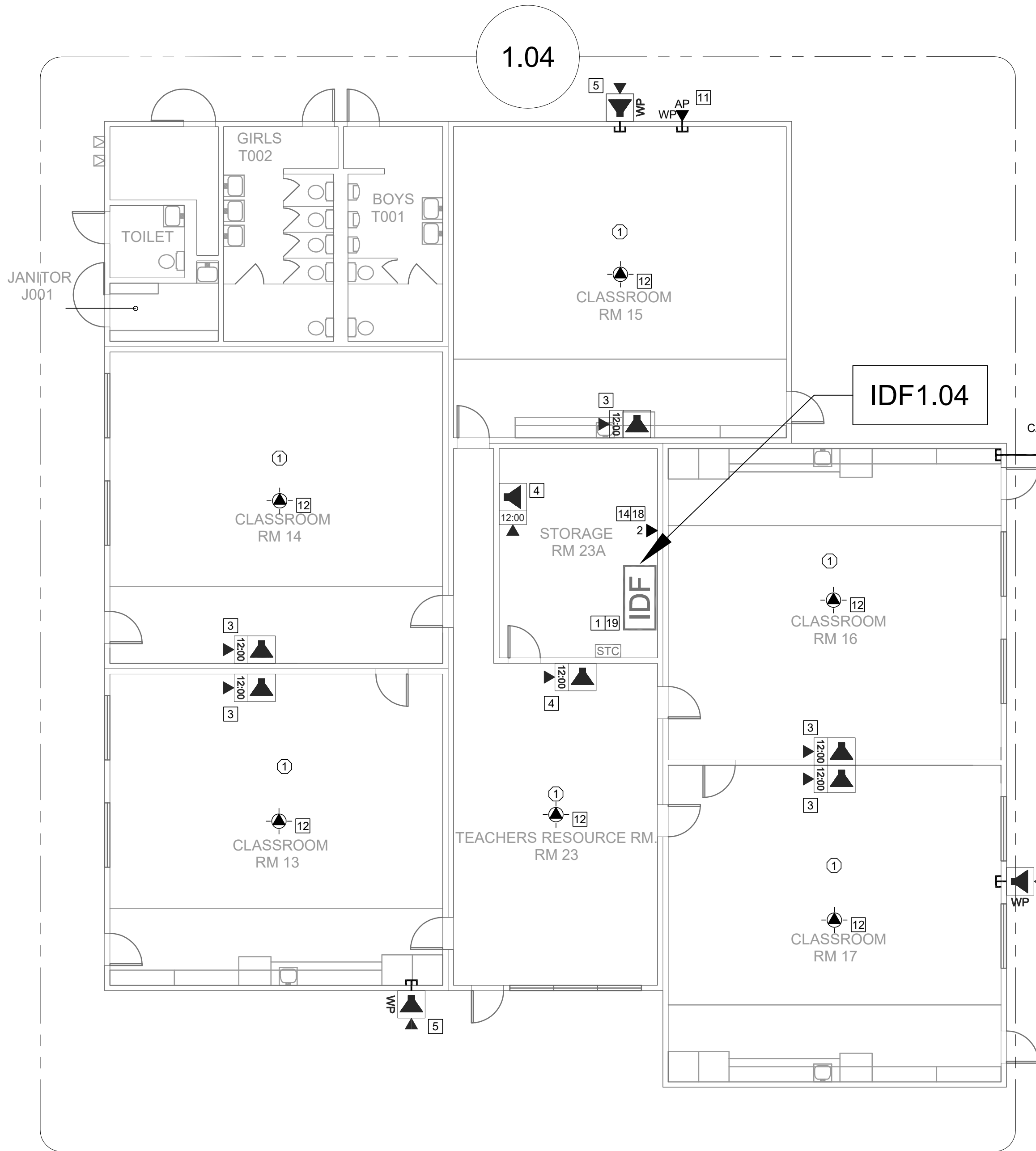
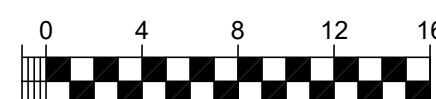
- CEILING CONDITION CHART:
- DROP IN CEILING TILES.
 - HARD LID CEILING.

- SHEET NOTES:
- [A] PROVIDE (N) EXTERIOR NETWORK SECURITY CAMERA. PROVIDE (N) BACK BOX AS REQUIRED. MOUNT (N) CAMERA ON WALL AT BUILDING CORNER. PROVIDE (N) 1 EA. CAT6A DATA DROP.
- [B] PROVIDE (N) EXTERIOR NETWORK SECURITY CAMERA. PROVIDE (N) BACK BOX AS REQUIRED. MOUNT (N) CAMERA ON CANOPY SOFFIT. PROVIDE (N) 1 EA. CAT6A DATA DROP.
- [C] PROVIDE (N) EXTERIOR NETWORK SECURITY CAMERA. PROVIDE (N) BACK BOX AS REQUIRED. MOUNT (N) CAMERA UNDER CANOPY AT EDGE OF SOFFIT. PROVIDE (N) 1 EA. CAT6A DATA DROP.
- [D] PROVIDE (N) EXTERIOR NETWORK SECURITY CAMERA. PROVIDE (N) BACK BOX AS REQUIRED. MOUNT (N) CAMERA ON WALL. PROVIDE (N) 1 EA. CAT6A DATA DROP.
- [1] REWORK MDF/IDF PER RACK ELEVATION. SEE T400/T401.
- [2] ESTABLISH (N) IDF WITH (N) FIBER HOMERUN TO MDF. SEE T400 FOR BUILD OUT REQUIREMENTS.
- [3] REMOVE (E) CLOCK. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP. INTERCEPT CONDUIT ABOVE T-BAR AND FEED THROUGH (E) CLOCK BACKBOX.
- [4] PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP. FISH THROUGH WALL TO (N) CUT-IN BOX BEHIND COMBO BACKBOX.
- [5] PROVIDE (N) EXTERIOR SPEAKER WITH (N) EXTERIOR BACKBOX. PROVIDE (N) INTERIOR ENCLOSURE WITH (N) CLASSROOM IP MODULE. PROVIDE (N) 1 EA. CAT6A DATA DROP AT INTERIOR ENCLOSURE.
- [6] REMOVE (E) SPEAKER. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP THROUGH (E) CONDUIT PATHWAY TO STC IN ELEC 216 AND THEN TO IDF 1.08.
- [7] PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP THROUGH (E) TELEPHONE CONDUIT PATHWAY TO STC IN ELEC 216 AND THEN TO IDF 1.08.
- [8] PROVIDE (N) BACKBOX WITH (N) SPEAKER AND (N) CLASSROOM IP MODULE. PROVIDE (N) 1 EA. CAT6A DATA DROP.
- [9] REMOVE (E) COMBO CLOCK/SPEAKER UNIT. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP. FISH THROUGH WALL TO (N) CUT IN BOX BEHIND COMBO BACKBOX.
- [10] NOT USED.
- [11] REWORK (E) DATA DROP FOR EXTERIOR AP AND PROVIDE REQUIRED COMPONENTS PER DETAIL 12T801, 13T801.
- [12] REMOVE (E) WIRELESS AP. INSTALL (N) OWNER-PROVIDED WIRELESS AP USING (E) DATA DROP AT SAME LOCATION.
- [13] PROVIDE (N) RIGHT ANGLE WALL MOUNT, OBERON P/N 1006-COAP9136
- [14] PROVIDE (N) CAT6A DATA DROP, QUANTITY INDICATED.
- [15] PROVIDE CUT-IN BOX AND FISH TO ACCESSABLE CEILING.
- [16] UTILIZE (E) CONDUIT PATHWAY TO STC IN STORAGE 303 AND THEN TO IDF 1.10.
- [17] UTILIZE (E) CONDUIT PATHWAY FROM FLOOR BOX TO STC IN UT 111 AND THEN TO MDF.
- [18] UTILIZE (E) BACKBOX AND CONDUIT PATHWAY TO ACCESSIBLE CEILING.
- [19] PROVIDE (N) 1 EA. DEDICATED 120V 20A CIRCUIT IN QUAD BOX ON REAR PAN OF (E) IDF RACK.



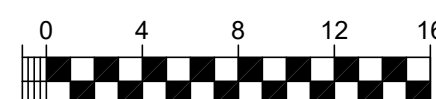
TECHNOLOGY FLOOR PLAN NEW - IDF1.03

SCALE: 1/8"=1'

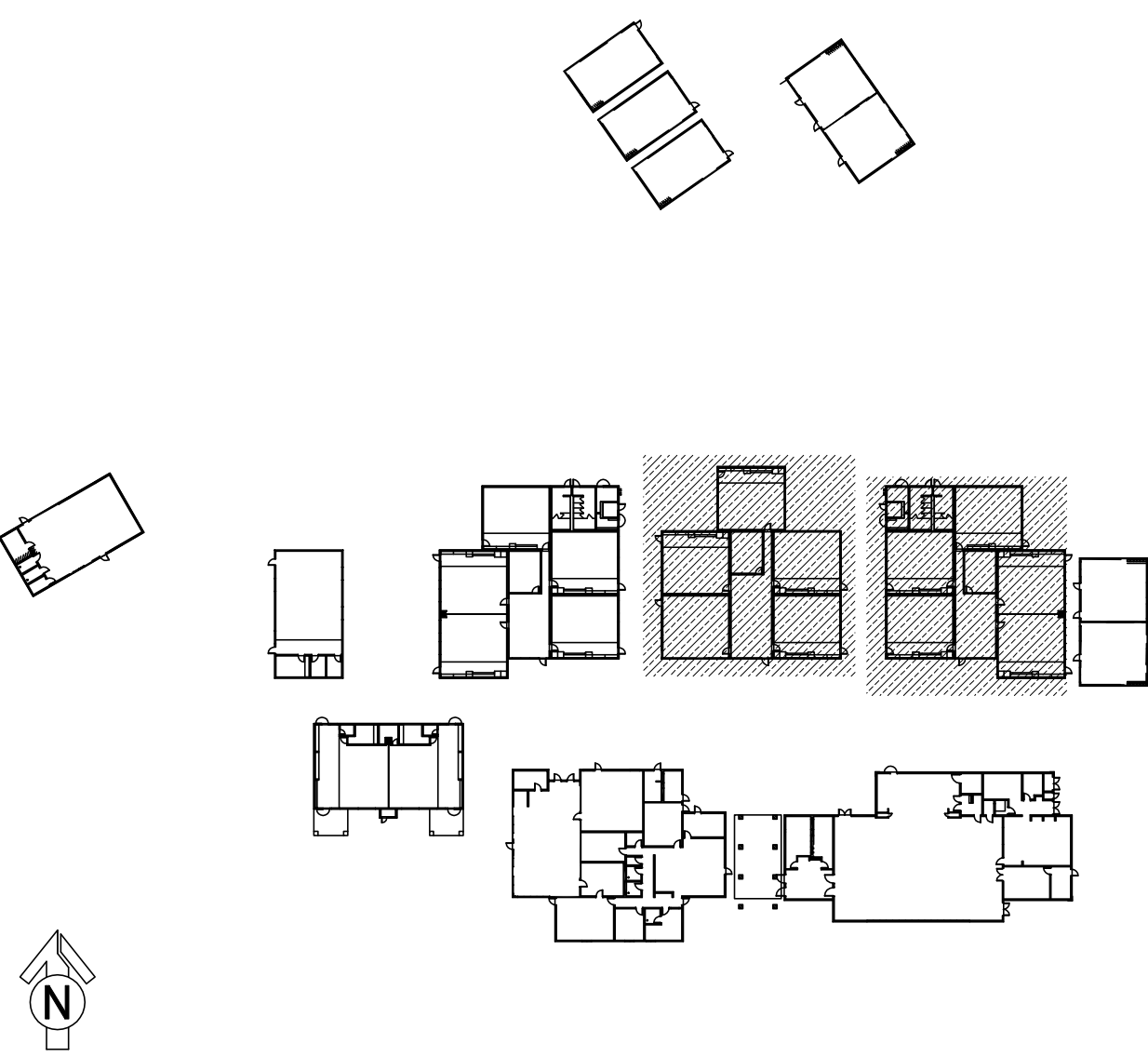


TECHNOLOGY FLOOR PLAN NEW - IDF1.04

SCALE: 1/8"=1'



KEY PLAN



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TECHNOLOGY & FIRE LIFE SAFETY

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SHEET REVISIONS		
DELTA	DESCRIPTION	DATE
1	ADDENDUM	2025-08-05

PROJECT

**SACRAMENTO CITY
UNIFIED SCHOOL DISTRICT
MATSUYAMA ES
TELECENTER UPGRADE**

7680 WINDBRIDGE DRIVE
SACRAMENTO, CA 95831

SHEET TITLE

**TECHNOLOGY
FLOOR PLAN -
IDF1.03 AND 1.04**

DRAWING STATUS

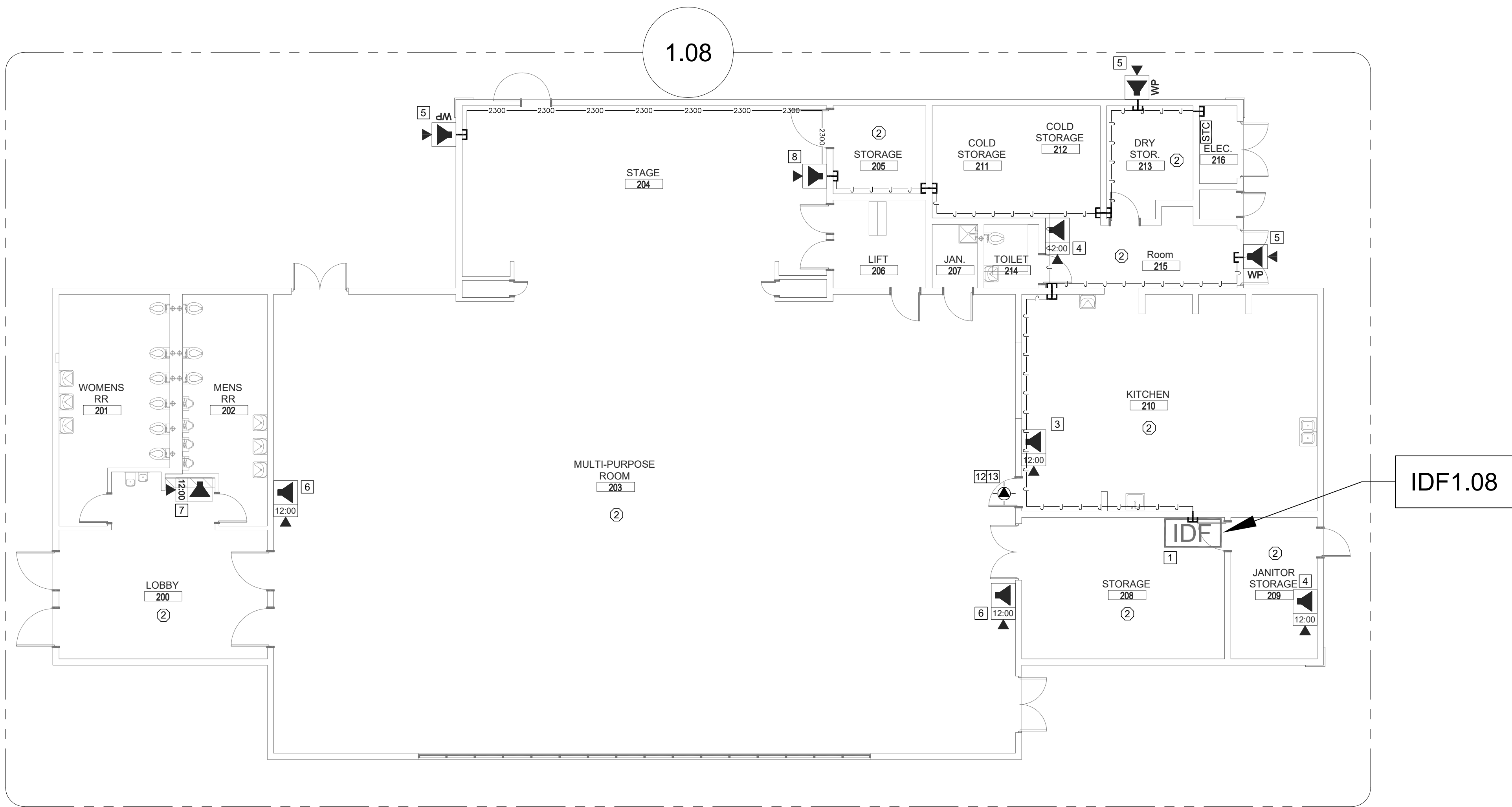
CONSTRUCTION DOCUMENTS

PROJECT NO:	
BID PACKAGE:	0242-411
DESIGNED BY:	CS
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ISSUE DATE:	2025-07-07
WORKING DATE:	2025-08-05

REVISION

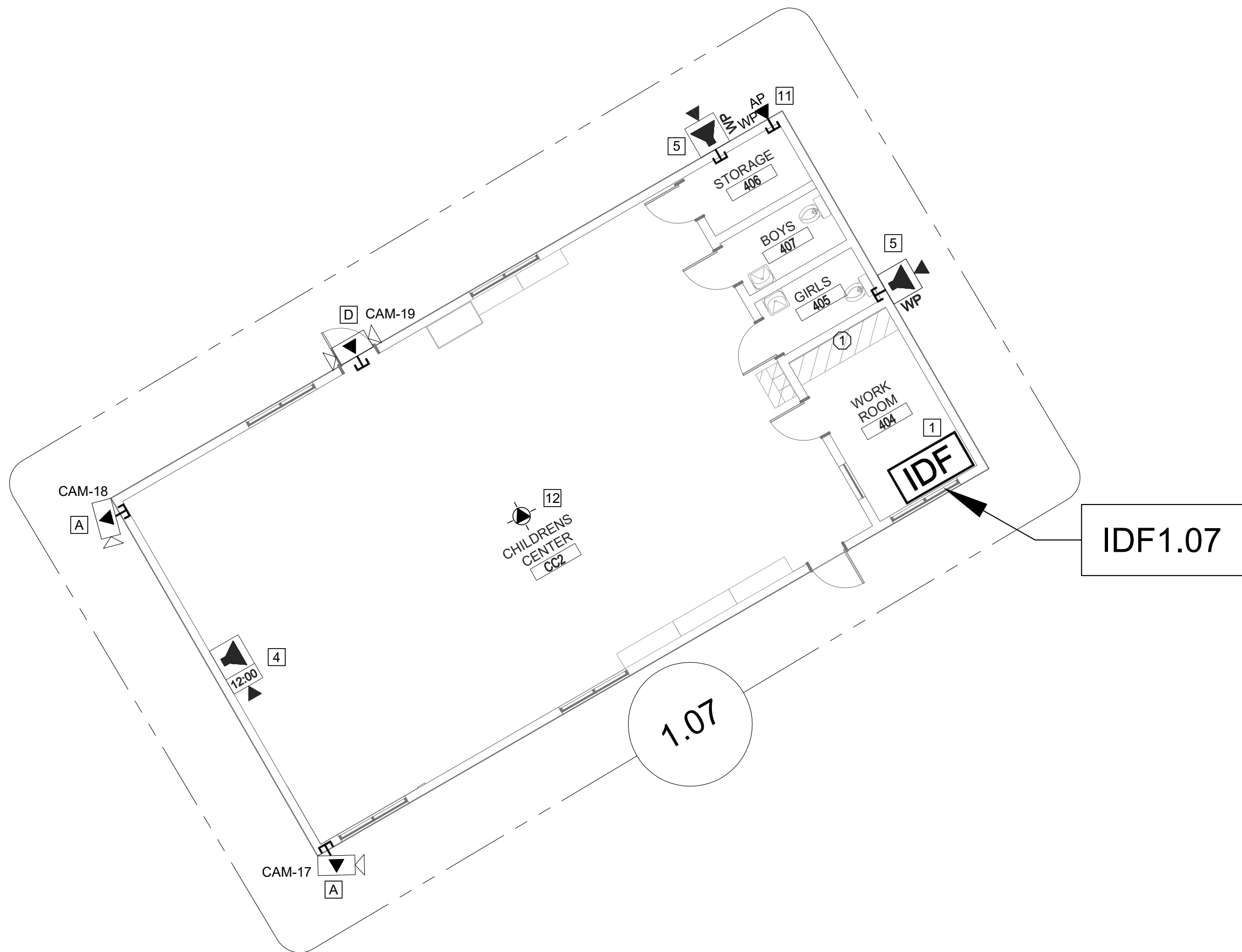
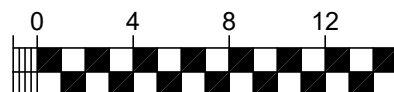
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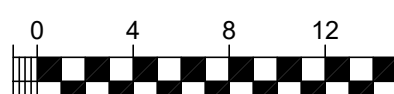
TECHNOLOGY FLOOR PLAN NEW - IDF1.08

SCALE: 1/8"=1'



TECHNOLOGY FLOOR PLAN NEW - IDF1.07

SCALE: 1/8"=1'



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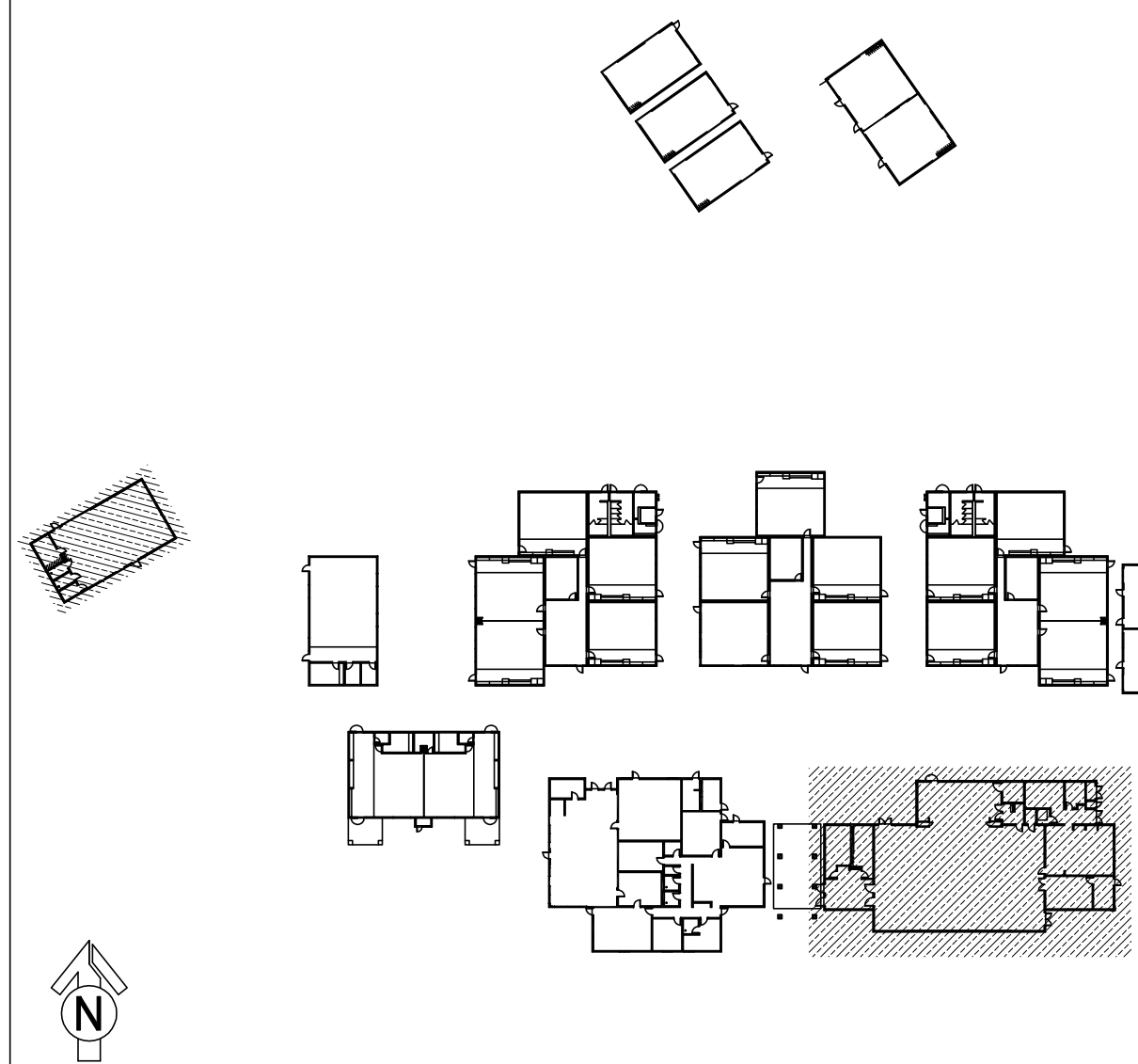
CEILING CONDITION CHART:

- ① DROP IN CEILING TILES.
- ② HARD LID CEILING.

SHEET NOTES:

- A. PROVIDE (N) EXTERIOR NETWORK SECURITY CAMERA. PROVIDE (N) BACK BOX AS REQUIRED. MOUNT (N) CAMERA ON WALL AT BUILDING CORNER. PROVIDE (N) 1 EA. CAT6A DATA DROP.
 - B. PROVIDE (N) EXTERIOR NETWORK SECURITY CAMERA. PROVIDE (N) BACK BOX AS REQUIRED. MOUNT (N) CAMERA ON CANOPY SOFFIT. PROVIDE (N) 1 EA. CAT6A DATA DROP.
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 - D. PROVIDE (N) EXTERIOR NETWORK SECURITY CAMERA. PROVIDE (N) BACK BOX AS REQUIRED. MOUNT (N) CAMERA ON WALL. PROVIDE (N) 1 EA. CAT6A DATA DROP.
1. REWORK MDF/IDF PER RACK ELEVATION. SEE T400/T401.
 2. ESTABLISH (N) IDF WITH (N) FIBER HOMERUN TO MDF. SEE T400 FOR BUILD OUT REQUIREMENTS.
 3. REMOVE (E) CLOCK. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP. INTERCEPT CONDUIT ABOVE T-BAR AND FEED THROUGH (E) CLOCK BACKBOX.
 4. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP. FISH THROUGH WALL TO (N) CUT-IN BOX BEHIND COMBO BACKBOX.
 5. PROVIDE (N) EXTERIOR SPEAKER WITH (N) EXTERIOR BACKBOX. PROVIDE (N) INTERIOR ENCLOSURE WITH (N) CLASSROOM IP MODULE. PROVIDE (N) 1 EA. CAT6A DATA DROP AT INTERIOR ENCLOSURE.
 6. REMOVE (E) SPEAKER. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP THROUGH (E) CONDUIT PATHWAY TO STC IN ELEC 216 AND THEN TO IDF 1.08.
 7. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP THROUGH (E) TELEPHONE CONDUIT PATHWAY TO STC IN ELEC 216 AND THEN TO IDF 1.08.
 8. PROVIDE (N) BACKBOX WITH (N) SPEAKER AND (N) CLASSROOM IP MODULE. PROVIDE (N) 1 EA. CAT6A DATA DROP.
 9. REMOVE (E) COMBO CLOCK/SPEAKER UNIT. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP. FISH THROUGH WALL TO (N) CUT-IN BOX BEHIND COMBO BACKBOX.
 10. NOT USED.
 11. REWORK (E) DATA DROP FOR EXTERIOR AP AND PROVIDE REQUIRED COMPONENTS PER DETAIL 1217801, 1317801.
 12. REMOVE (E) WIRELESS AP. INSTALL (N) OWNER-PROVIDED WIRELESS AP USING (E) DATA DROP AT SAME LOCATION.
 13. PROVIDE (N) RIGHT ANGLE WALL MOUNT, OBERON P/N 1006-COAP9136
 14. PROVIDE (N) CAT6A DATA DROP, QUANTITY INDICATED.
 15. PROVIDE CUT-IN BOX AND FISH TO ACCESSABLE CEILING.
 16. UTILIZE (E) CONDUIT PATHWAY TO STC IN STORAGE 303 AND THEN TO IDF 1.10.
 17. UTILIZE (E) CONDUIT PATHWAY FROM FLOOR BOX TO STC IN UT 111 AND THEN TO MDF.
 18. UTILIZE (E) BACKBOX AND CONDUIT PATHWAY TO ACCESSIBLE CEILING.
 19. PROVIDE (N) 1 EA. DEDICATED 120V 20A CIRCUIT IN QUAD BOX ON REAR PAN OF (E) IDF RACK.

KEY PLAN



KMM SERVICES, INC
TECHNOLOGY & FIRE LIFE SAFETY

5433 El Camino Ave. Suite 5
Carmichael, CA 95608
Office: (916) 359-4000 www.kmm-services.com

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SHEET REVISIONS

DELTA	DESCRIPTION	DATE
ADDENDUM		2025-08-05

SITE KEY PLAN

PROJECT
SACRAMENTO CITY
UNIFIED SCHOOL DISTRICT
MATSUYAMA ES
TELECENTER UPGRADE
7680 WINDBRIDGE DRIVE
SACRAMENTO, CA 95831

SHEET TITLE

TECHNOLOGY
FLOOR PLAN -
IDF1.07 AND 1.08

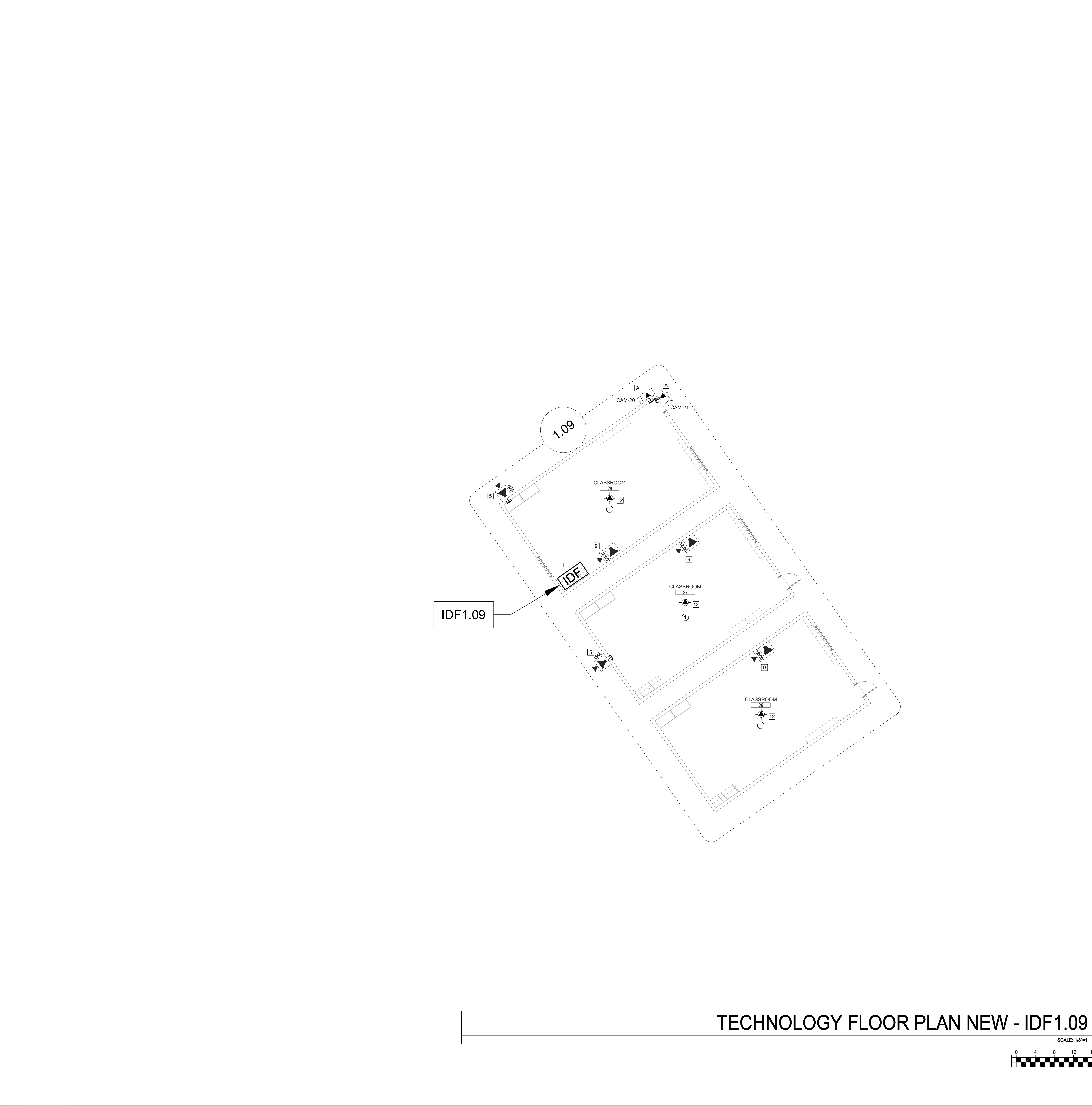
DRAWING STATUS

CONSTRUCTION DOCUMENTS

PROJECT NO:	
BID PACKAGE:	0242-411
DESIGNED BY:	CS
CHECKED BY:	SD
ISSUE DATE:	2025-07-07
WORKING DATE:	2025-08-05

REVISION

SHEET
T204

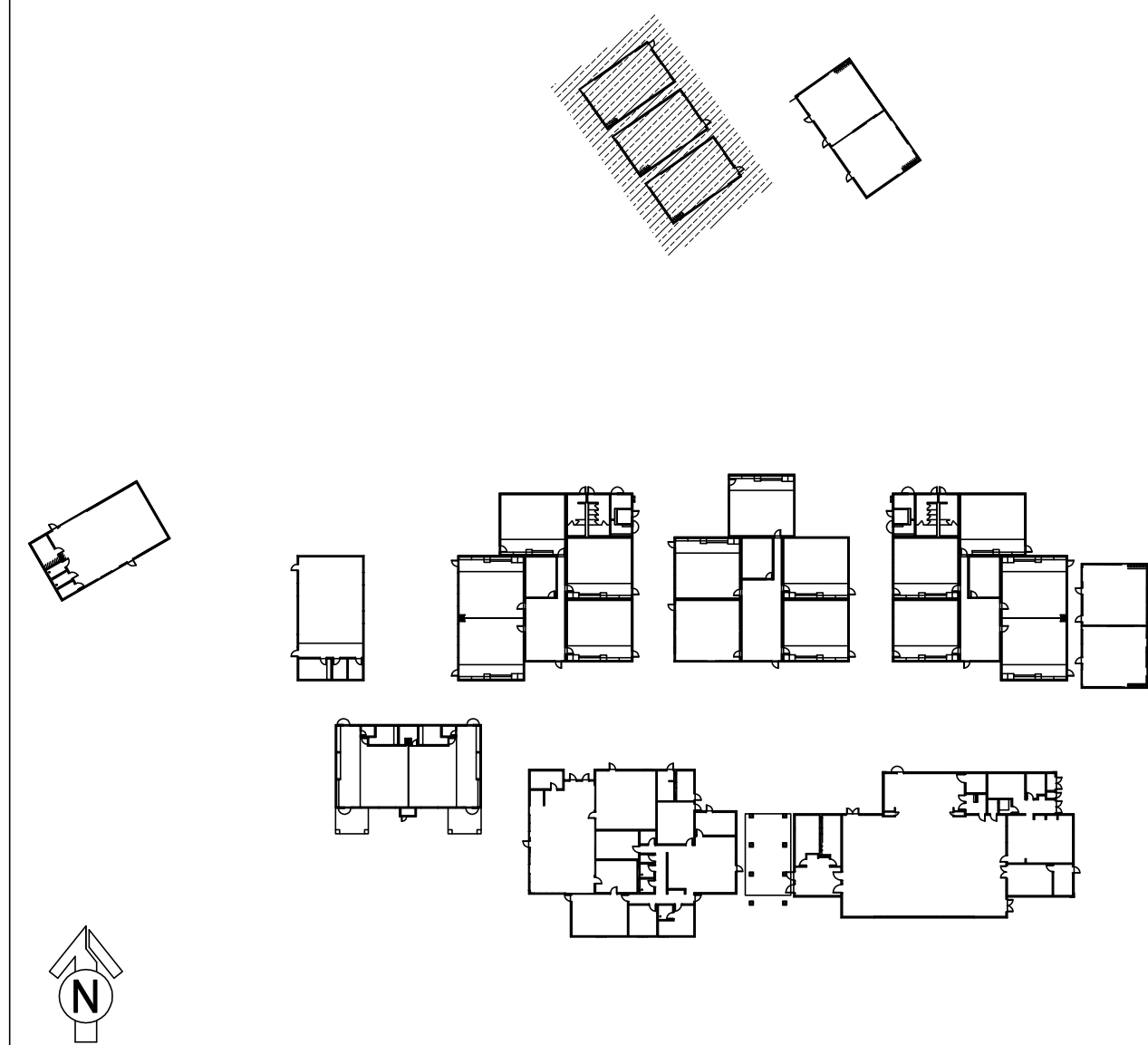


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- CEILING CONDITION CHART:
- DROP IN CEILING TILES.
 - HARD LID CEILING.

- SHEET NOTES:
- [A] PROVIDE (N) EXTERIOR NETWORK SECURITY CAMERA. PROVIDE (N) BACK BOX AS REQUIRED. MOUNT (N) CAMERA ON WALL AT BUILDING CORNER. PROVIDE (N) 1 EA. CAT6A DATA DROP.
- [B] PROVIDE (N) EXTERIOR NETWORK SECURITY CAMERA. PROVIDE (N) BACK BOX AS REQUIRED. MOUNT (N) CAMERA ON CANOPY SOFFIT. PROVIDE (N) 1 EA. CAT6A DATA DROP.
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- [2] ESTABLISH (N) IDF WITH (N) FIBER HOMERUN TO MDF. SEE T400 FOR BUILD OUT REQUIREMENTS.
- [3] REMOVE (E) CLOCK. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP. INTERCEPT CONDUIT ABOVE T-BAR AND FEED THROUGH (E) CLOCK BACKBOX.
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- [5] PROVIDE (N) EXTERIOR SPEAKER WITH (N) EXTERIOR BACKBOX. PROVIDE (N) INTERIOR ENCLOSURE WITH (N) CLASSROOM IP MODULE. PROVIDE (N) 1 EA. CAT6A DATA DROP AT INTERIOR ENCLOSURE.
- [6] REMOVE (E) SPEAKER. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP THROUGH (E) CONDUIT PATHWAY TO STC IN ELEC 216 AND THEN TO IDF 1.08.
- [7] PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP THROUGH (E) TELEPHONE CONDUIT PATHWAY TO STC IN ELEC 216 AND THEN TO IDF 1.08.
- [8] PROVIDE (N) BACKBOX WITH (N) SPEAKER AND (N) CLASSROOM IP MODULE. PROVIDE (N) 1 EA. CAT6A DATA DROP.
- [9] REMOVE (E) COMBO CLOCK/SPEAKER UNIT. PROVIDE (N) COMBO BOX WITH (N) SPEAKER, (N) CLASSROOM IP MODULE, AND (N) IP CLOCK. PROVIDE (N) 1 EA. CAT6A DATA DROP. FISH THROUGH WALL TO (N) CUT IN BOX BEHIND COMBO BACKBOX.
- [10] NOT USED.
- [11] REWORK (E) DATA DROP FOR EXTERIOR AP AND PROVIDE REQUIRED COMPONENTS PER DETAIL 127801, 131801.
- [12] REMOVE (E) WIRELESS AP. INSTALL (N) OWNER-PROVIDED WIRELESS AP USING (E) DATA DROP AT SAME LOCATION.
- [13] PROVIDE (N) RIGHT ANGLE WALL MOUNT, OBERON P/N 1006-COAP9136
- [14] PROVIDE (N) CAT6A DATA DROP, QUANTITY INDICATED.
- [15] PROVIDE CUT-IN BOX AND FISH TO ACCESSABLE CEILING.
- [16] UTILIZE (E) CONDUIT PATHWAY TO STC IN STORAGE 303 AND THEN TO IDF 1.10.
- [17] UTILIZE (E) CONDUIT PATHWAY FROM FLOOR BOX TO STC IN UT 111 AND THEN TO MDF.
- [18] UTILIZE (E) BACKBOX AND CONDUIT PATHWAY TO ACCESSIBLE CEILING.
- [19] PROVIDE (N) 1 EA. DEDICATED 120V 20A CIRCUIT IN QUAD BOX ON REAR PAN OF (E) IDF RACK.

KEY PLAN



KMM SERVICES, INC
TECHNOLOGY & FIRE LIFE SAFETY
5433 El Camino Ave. Suite 5
Carmichael, CA 95608
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SHEET REVISIONS

DELTA	DESCRIPTION	DATE
ADDENDUM		2025-08-05

SITE KEY PLAN

PROJECT
SACRAMENTO CITY
UNIFIED SCHOOL DISTRICT
MATSUYAMA ES
TELECENTER UPGRADE
7680 WINDBRIDGE DRIVE
SACRAMENTO, CA 95831

SHEET TITLE
TECHNOLOGY
FLOOR PLAN -
IDF 1.09

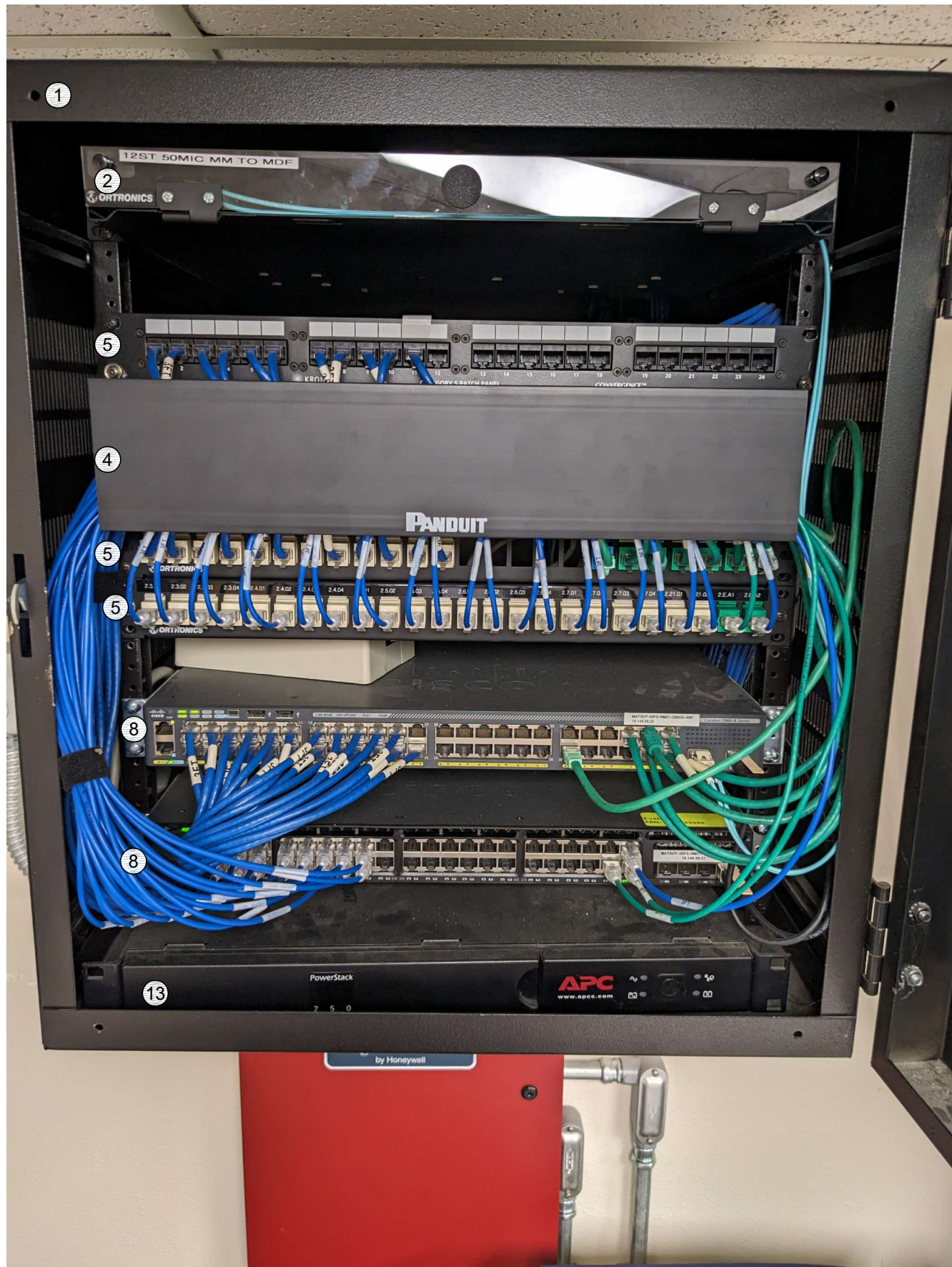
DRAWING STATUS
CONSTRUCTION DOCUMENTS

PROJECT NO:	
BID PACKAGE:	0242-411
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REVISION

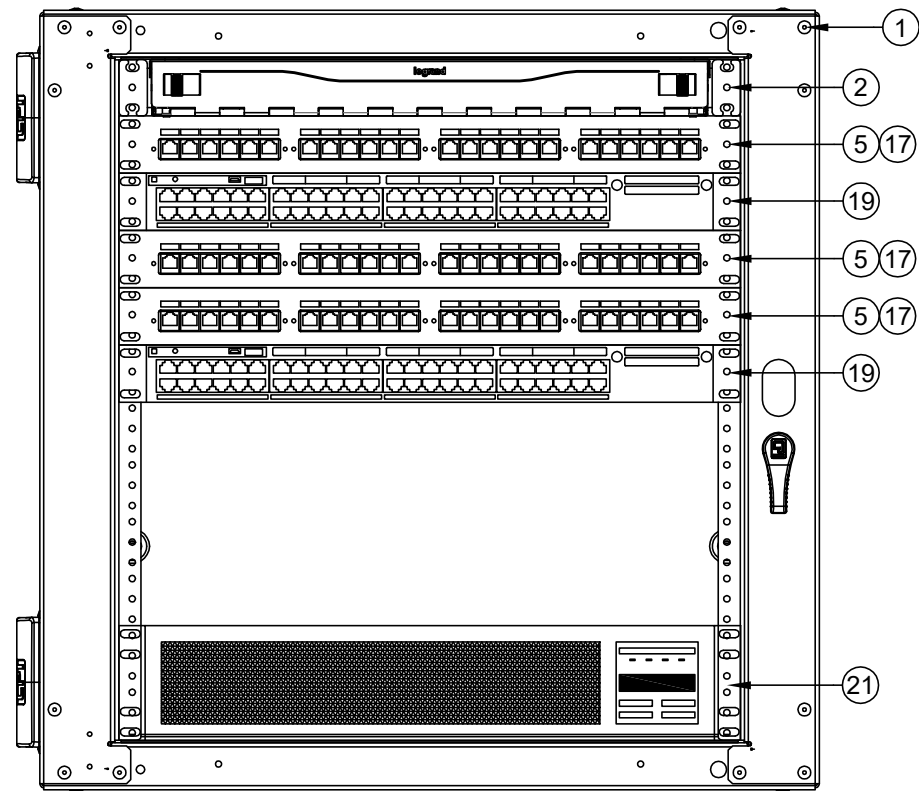
SHEET
T205

SCOPE OF WORK - IDF 1.02
1. DEMO (E) 24P KRONE PATCH PANEL AT TOP OF RACK AND ALL ASSOCIATED CABLING TO FIELD.
2. DEMO (E) UPS #13.
3. PROVIDE (N) UNINTERRUPTIBLE POWER SUPPLY PER THE ELEVATION. ROUTE POWER FOR ALL RACK COMPONENTS SO THAT IT IS PROTECTED BY THE UPS.



RACK - EXISTING CONDITION

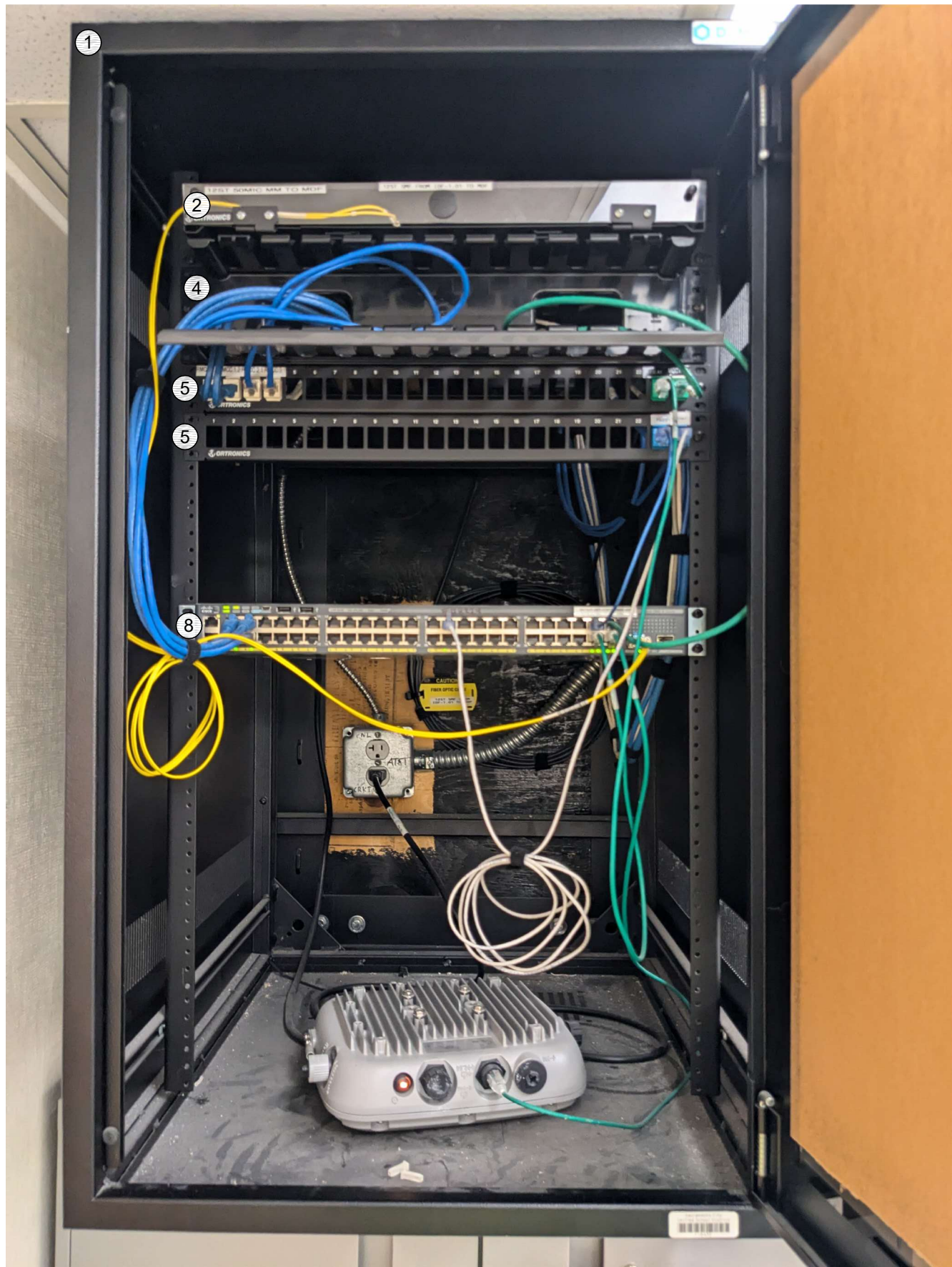
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RACK - FINAL LAYOUT

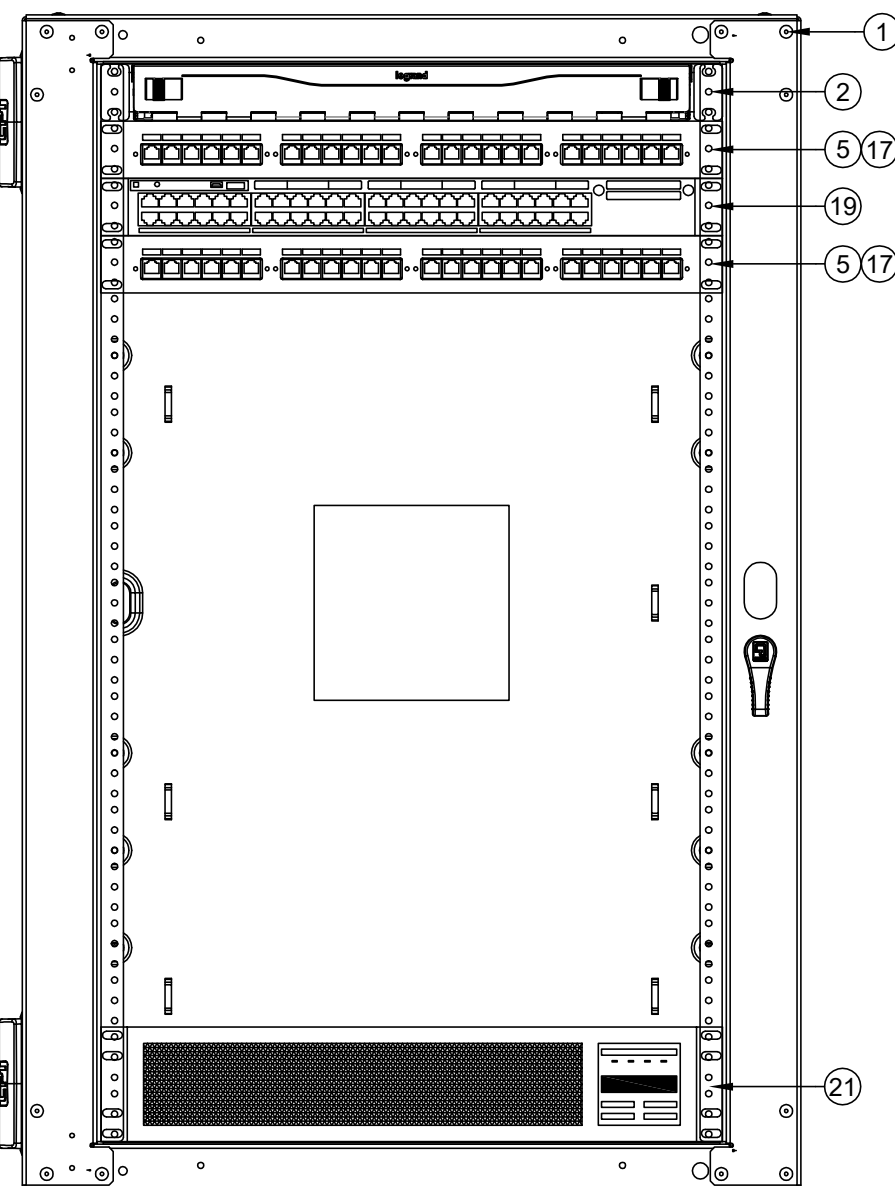
SCALE: NONE

SCOPE OF WORK - IDF 1.01
1. PROVIDE (N) UNINTERRUPTIBLE POWER SUPPLY PER THE ELEVATION. ROUTE POWER FOR ALL RACK COMPONENTS SO THAT IT IS PROTECTED BY THE UPS.



RACK - EXISTING CONDITION

SCALE: NONE



RACK - FINAL LAYOUT

SCALE: NONE

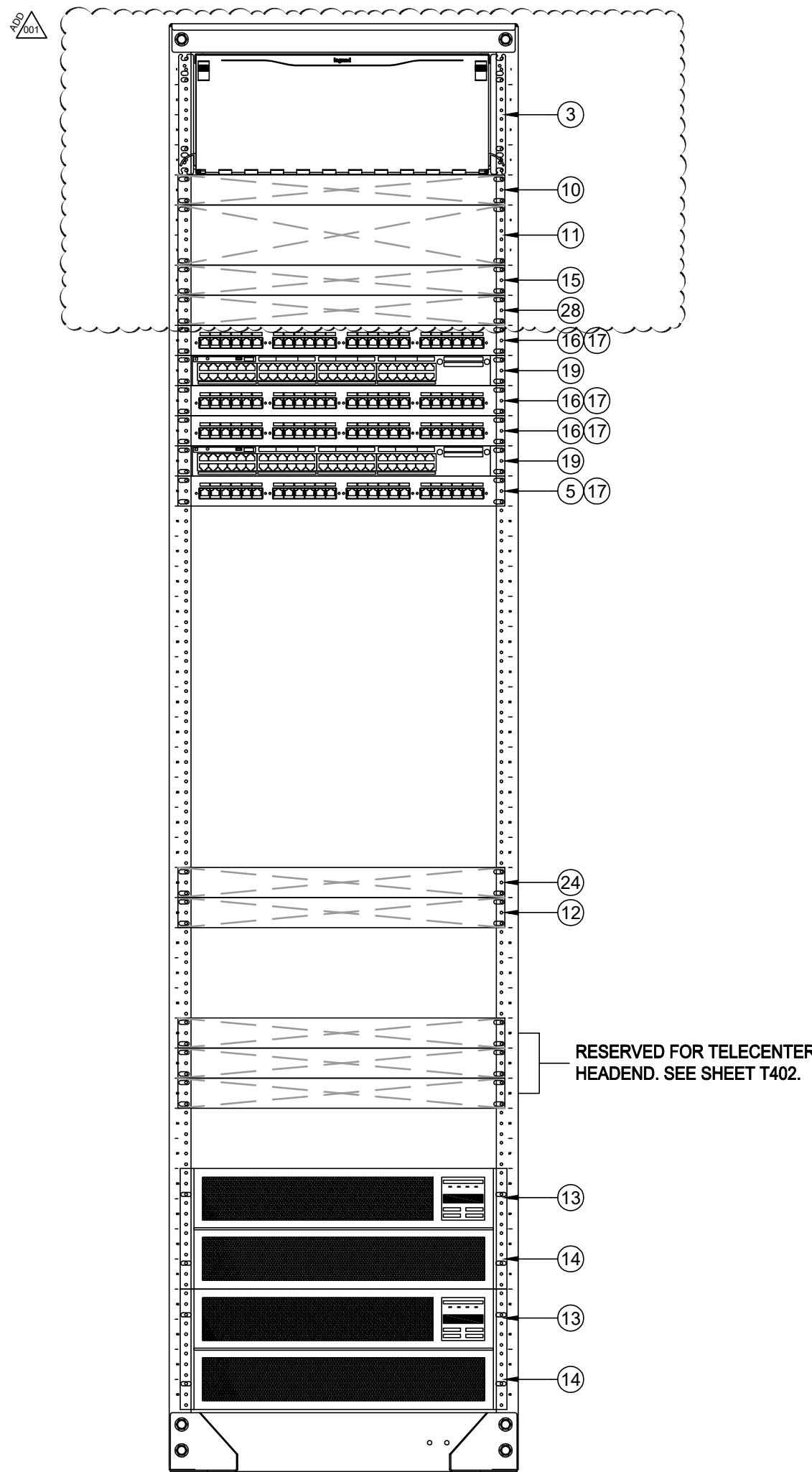
GENERAL SCOPE OF WORK: (ALL IDF/MDF)
1. REMOVE ALL (E) RACK-MOUNTED CABLE MANAGER(S).
2. PROVIDE (N) REAR CABLE MANAGEMENT BAR(S) AT EACH PATCH PANEL AND DRESS (E) CABLES FOR STRAIN RELIEF PER 11/7800.
3. RELOCATE (E) DEVICES PER THE ELEVATION.
4. INSTALL (N) OWNER-FURNISHED SWITCHES PER THE ELEVATION.
5. PROVIDE (N) 12" SLIMLINE CAT6A PATCH CABLES TO REPLACE ALL (E) PATCH CABLES AND FOR ALL (N) DROPS, COLOR CODED TO DISTRICT STANDARD.

SCOPE OF WORK - MDF 1.00
1. THE (E) MDF MUST BE PROTECTED AND KEPT OPERATIONAL UNTIL THE (N) MDF CAN BE BROUGHT ONLINE.
2. DEMO THE UPPER TWO KRONE PATCH PANELS AND ALL ASSOCIATED CABLING.
3. PROVIDE (N) 24P PATCH PANELS PER THE ELEVATION.
4. RE-LABEL ALL (E) DROPS PER 11/7800 AT BOTH PATCH PANEL AND FIELD AND BOTH ENDS OF CABLE.
5. DEMO ALL MM FIBER CABLES TERMINATED IN THE ORTRONICS AND PANDUIT FIBER LIUS.
6. ROUTE POWER FOR ALL RACK COMPONENTS SO THEY ARE PROTECTED BY THE UNINTERRUPTIBLE POWER SUPPLIES.
7. RETERMINATE 8 EA. CCTV DATA DROPS, AT REAR OF RACK, ON (N) BLUE KEYSTONES. DEMO CCTV SWITCH AND RETURN TO DISTRICT.

RACK - EXISTING CONDITION

SCALE: NONE

EQUIPMENT SCHEDULE: ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO)				
SYMBOL	DESCRIPTION	MFG	PART NUMBER	NOTES / DETAIL REFERENCES
①	RACK CABINET	EXISTING	EXISTING	N/A
②	(E) 1U FIBER LIU	EXISTING	EXISTING	N/A
③	(E) 4U FIBER LIU	EXISTING	EXISTING	N/A
④	(E) 2U CABLE MANAGER	EXISTING	EXISTING	DEMO
⑤	(E) 1U 24P PATCH PANEL	EXISTING	EXISTING	RELOCATE PER ELEVATION
⑥	(E) 2U 48P PATCH PANEL	EXISTING	EXISTING	RELOCATE PER ELEVATION
⑦	(E) 24P SWITCH	EXISTING	EXISTING	DEMO
⑧	(E) 48P SWITCH	EXISTING	EXISTING	DEMO
⑨	(E) CCTV SWITCH AND PSU	EXISTING	EXISTING	DEMO
⑩	(E) CORE SWITCH	EXISTING	EXISTING	N/A
⑪	(E) VOIP GATEWAY	EXISTING	EXISTING	N/A
⑫	(E) NVR	EXISTING	EXISTING	N/A
⑬	(E) UPS	EXISTING	EXISTING	N/A
⑭	(E) UPS BATTERY	EXISTING	EXISTING	N/A
⑮	(E) CWDM CHASSIS	EXISTING	EXISTING	N/A
⑯	(N) 1U 24P PATCH PANEL	ORTRONICS	SPKSU24	N/A
⑰	(N) REAR CABLE MANAGEMENT BAR	ORTRONICS	OR-CMBFR0RU	N/A
⑱	NOT USED			N/A
⑲	(N) 48P SWITCH	CISCO	OFCL	N/A
⑳	(N) UPS - 1000VA	N1C	N1C.L1000	N/A
㉑	(N) UPS - 1500VA	N1C	N1C.L1500	N/A
㉒	(N) UPS - 2000VA	N1C	N1C.LR2000	N/A
㉓	(N) UPS BATTERY	N1C	N1C.L4850EBM2U	N/A
㉔	(N) 1U RACK MOUNT MONITOR	TRIPP LITE	B021-000-19-HD2	N/A
㉕	(N) 1U FIBER LIU	ORTRONICS	EQ01U-CHC	WITH SPLICE TRAY AND FIBER ADAPTERS AS REQ'D.
㉖	(E) BACNET ROUTER	EXISTING	EXISTING	N/A
㉗	(N) RACK CABINET 19U	CHATSWORTH	12419-736	N/A
㉘	(E) SERVICE PROVIDER LIU	EXISTING	EXISTING	N/A



RACK - FINAL LAYOUT

SCALE: NONE



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SHEET REVISIONS

DELTA	DESCRIPTION	DATE
ADDENDUM		2025-08-05

SITE KEY PLAN

PROJECT
SACRAMENTO CITY
UNIFIED SCHOOL DISTRICT
MATSUYAMA ES
TELECENTER UPGRADE
7680 WINDBRIDGE DRIVE
SACRAMENTO, CA 95831

SHEET TITLE
TECHNOLOGY
RACK ELEVATIONS

DRAWING STATUS
CONSTRUCTION DOCUMENTS

PROJECT NO:	
BID PACKAGE:	0242-411
DESIGNED BY:	CS
CHECKED BY:	SD
ISSUE DATE:	2025-07-07
WORKING DATE:	2025-08-05

REVISION

SHEET
T700

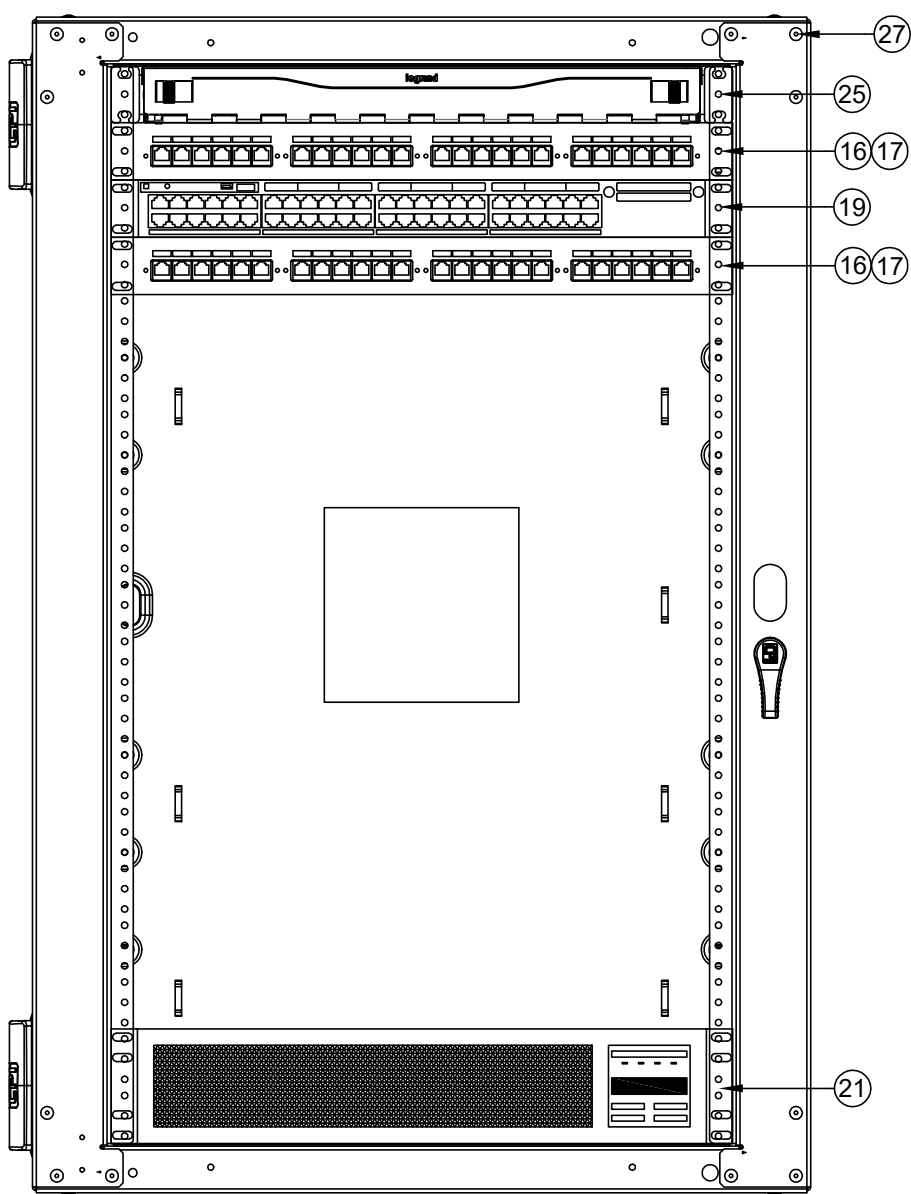
- SCOPE OF WORK - IDF 1.10
1. PROVIDE (N) 19U RACK MOUNT CABINET.
 2. PROVIDE (N) 24-STRAND SM FIBER TO MDF.
 3. PROVIDE (N) PATCH PANELS PER THE ELEVATION.
 4. PROVIDE (N) 1 EA. DEDICATED 120V 20A CIRCUIT IN QUAD BOX ON REAR PAN OF (N) CABINET.
 5. PROVIDE (N) UNINTERRUPTIBLE POWER SUPPLY PER THE ELEVATION. ROUTE POWER FOR ALL RACK COMPONENTS SO THAT IT IS PROTECTED BY THE UPS.

- SCOPE OF WORK - IDF 1.09
1. PROVIDE (N) 19U RACK MOUNT CABINET. INSTALL AT SAME LOCATION AS (E) CABINET.
 2. REWORK (E) SM FIBER AND LIU INTO (N) CABINET.
 3. REWORK, RETERMINATE, AND RETEST 29 EA. COPPER DATA DROPS INTO (N) CABINET ON (N) PATCH PANELS, AS INDICATED.
 4. REWORK (E) BACKNET ROUTER INTO (N) CABINET.
 5. PROVIDE (N) 1 EA. DEDICATED 120V 20A CIRCUIT IN QUAD BOX ON REAR PAN OF (N) CABINET.
 6. PROVIDE (N) UNINTERRUPTIBLE POWER SUPPLY PER THE ELEVATION. ROUTE POWER FOR ALL RACK COMPONENTS SO THAT IT IS PROTECTED BY THE UPS.



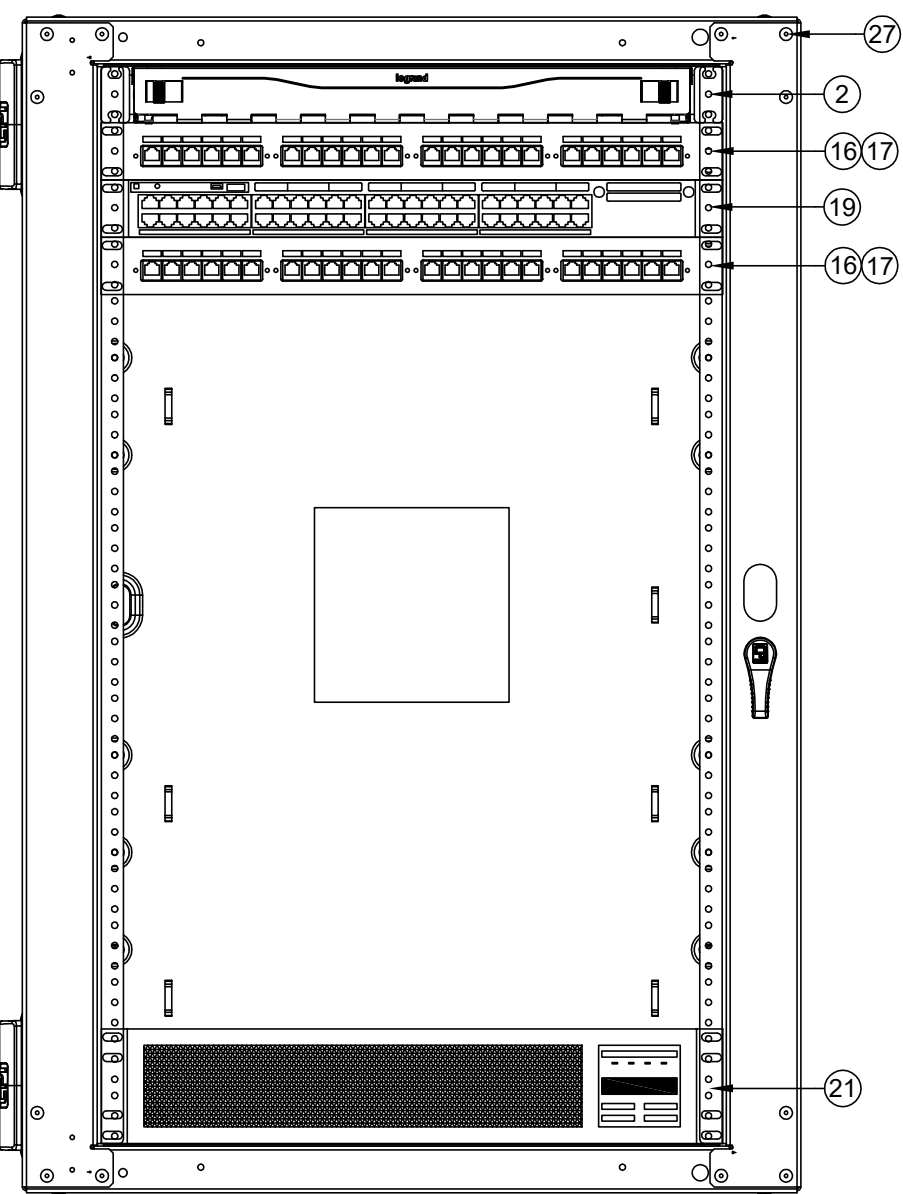
RACK - EXISTING CONDITION

SCALE: NONE



RACK - FINAL LAYOUT

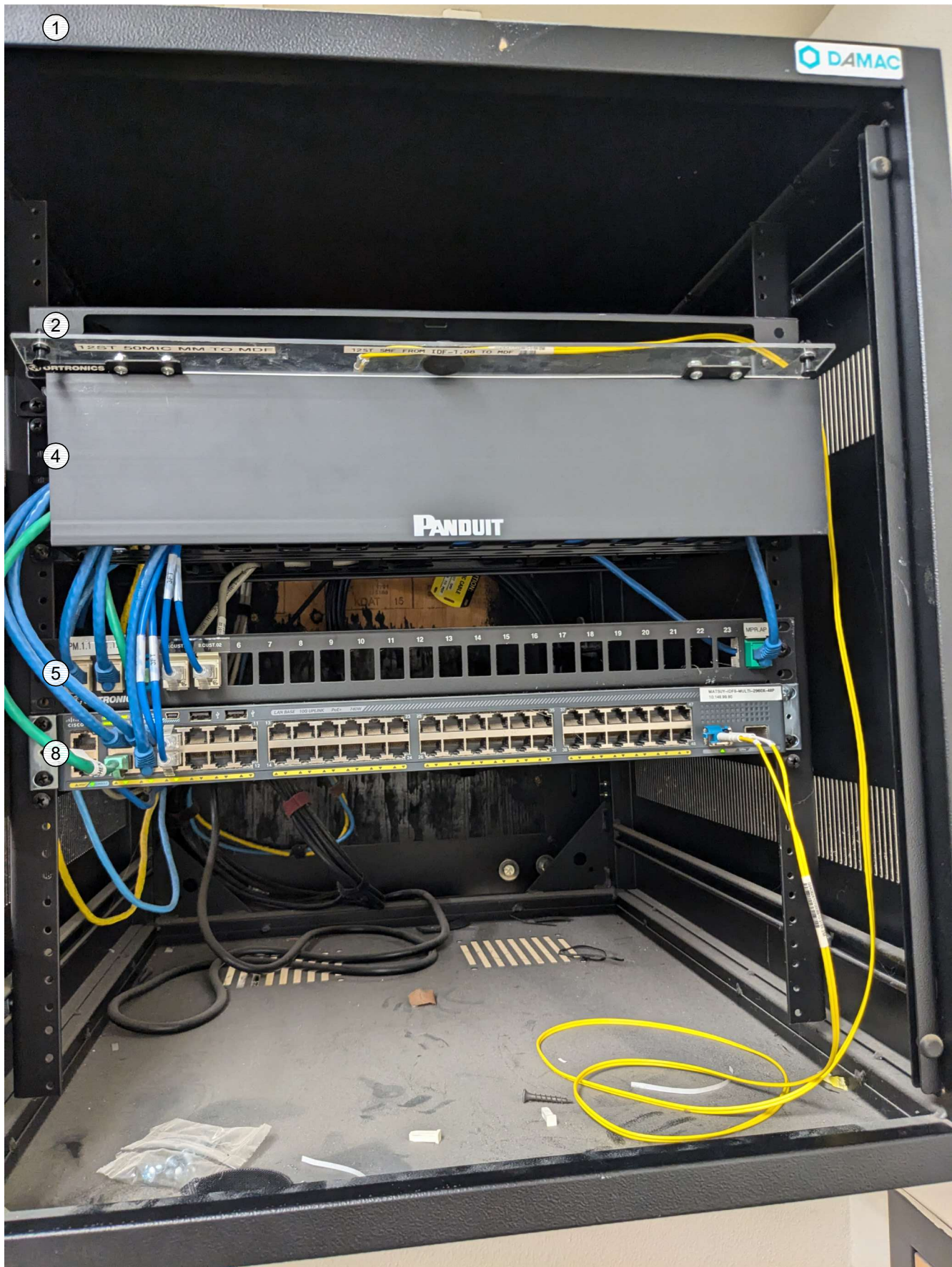
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RACK - FINAL LAYOUT

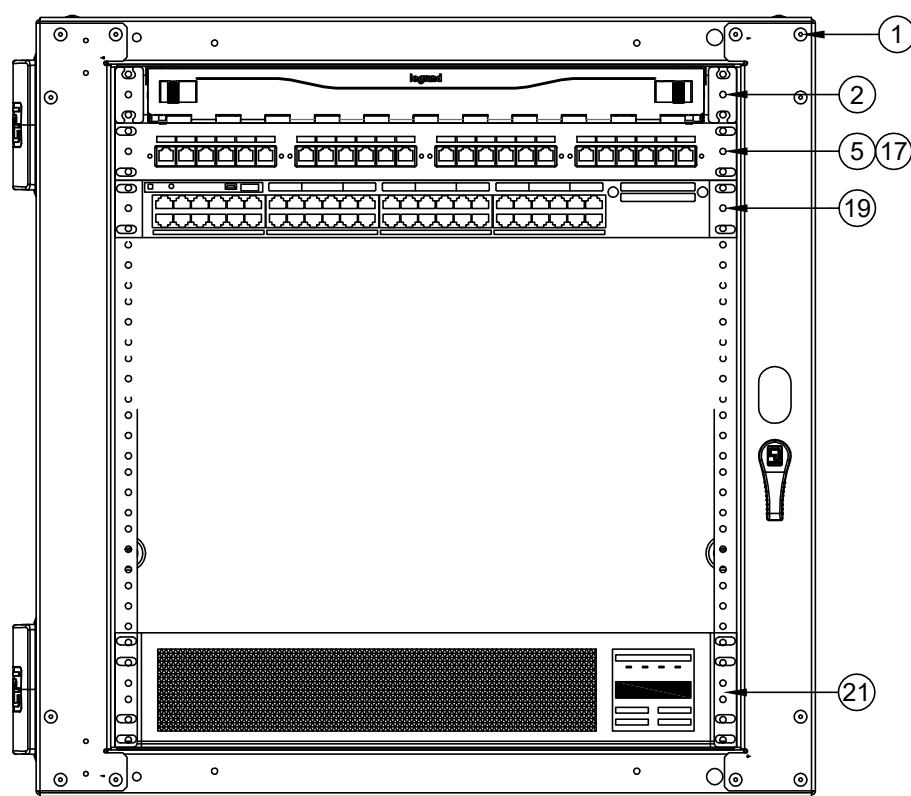
SCALE: NONE

- SCOPE OF WORK - IDF 1.08
1. PROVIDE (N) UNINTERRUPTIBLE POWER SUPPLY PER THE ELEVATION. ROUTE POWER FOR ALL RACK COMPONENTS SO THAT IT IS PROTECTED BY THE UPS.



RACK - EXISTING CONDITION

SCALE: NONE

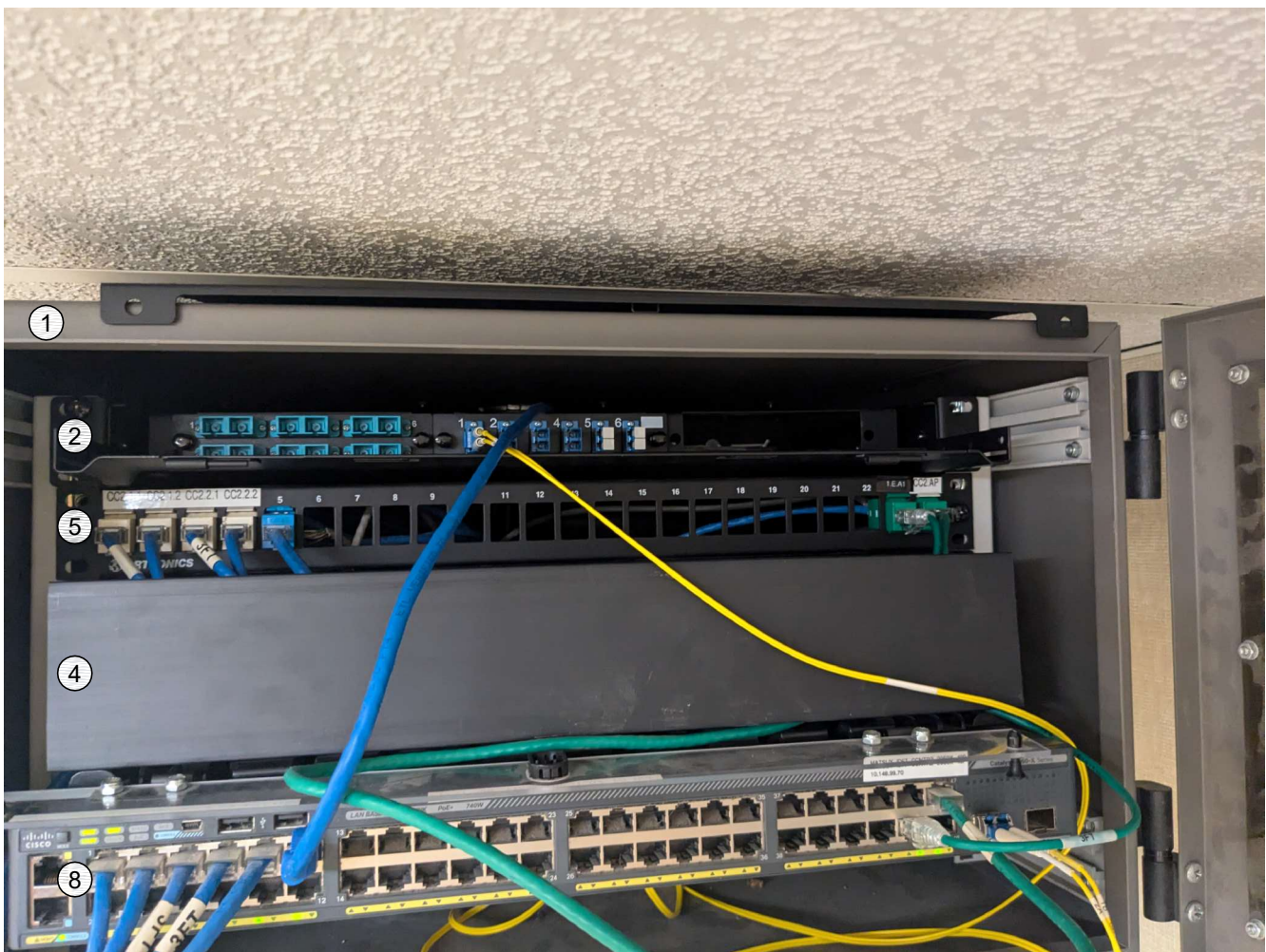


RACK - FINAL LAYOUT

SCALE: NONE

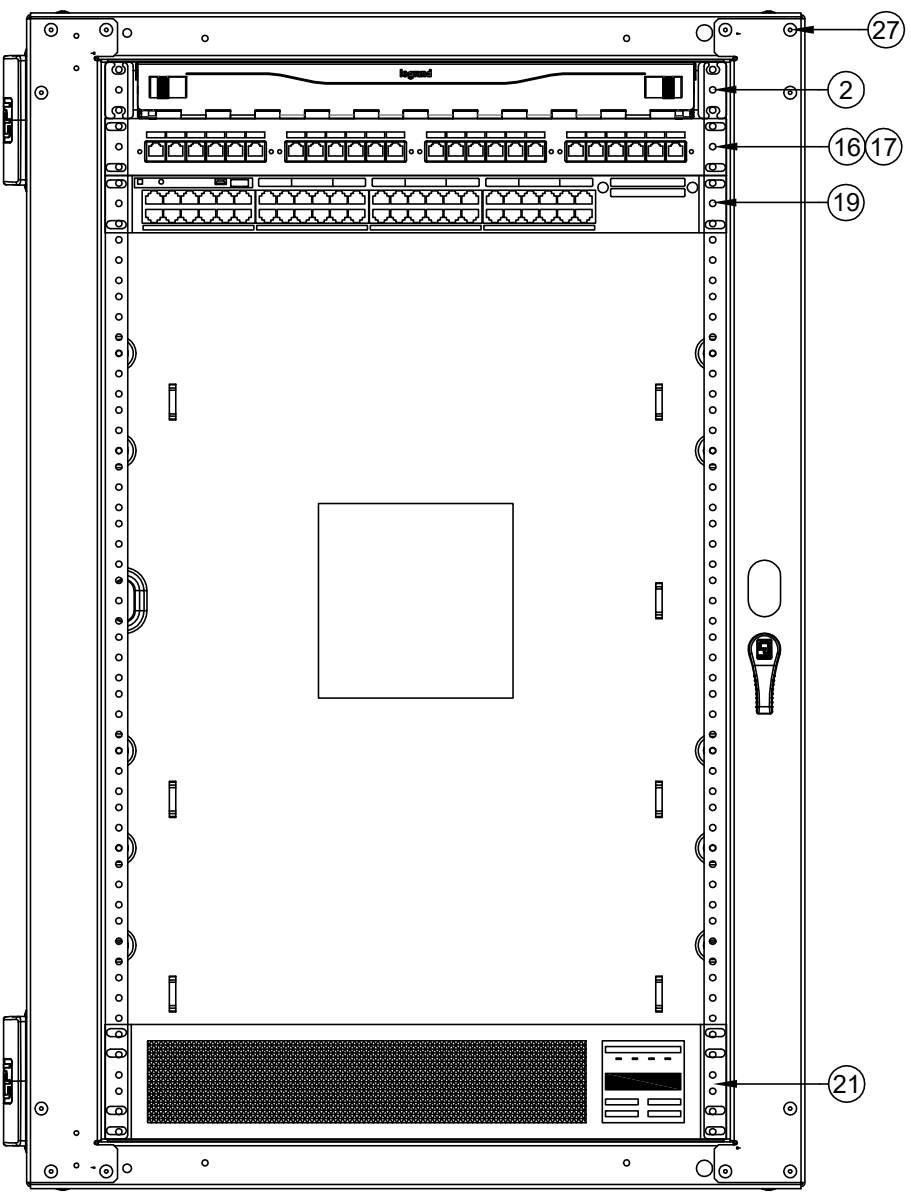
REFER TO SYMBOL LEGEND ON T400 FOR ALL DEVICES ON THIS SHEET

- SCOPE OF WORK - IDF 1.07
1. PROVIDE (N) 19U RACK MOUNT CABINET. INSTALL AT SAME LOCATION AS (E) CABINET.
 2. REWORK (E) SM FIBER AND LIU INTO (N) CABINET.
 3. REWORK (E) 7 EA. COPPER DATA DROPS INTO (N) CABINET.
 4. PROVIDE (N) 1 EA. DEDICATED 120V 20A CIRCUIT IN QUAD BOX ON REAR PAN OF (N) CABINET.
 5. PROVIDE (N) UNINTERRUPTIBLE POWER SUPPLY PER THE ELEVATION. ROUTE POWER FOR ALL RACK COMPONENTS SO THAT IT IS PROTECTED BY THE UPS.



RACK - EXISTING CONDITION

SCALE: NONE



RACK - FINAL LAYOUT

SCALE: NONE



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SHEET TITLE
TECHNOLOGY
SINGLE LINE DIAGRAMS

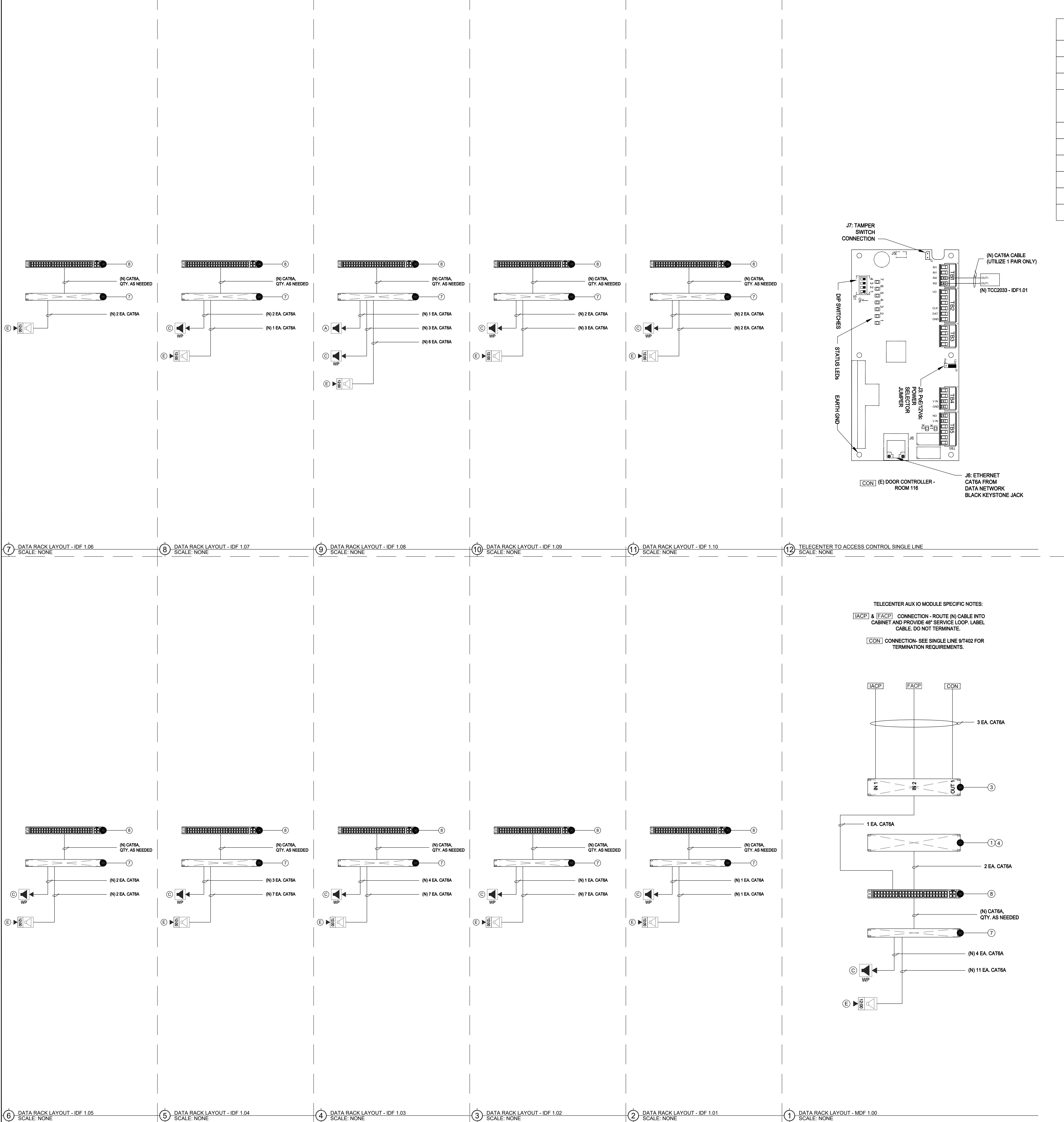
DRAWING STATUS

CONSTRUCTION DOCUMENTS

PROJECT NO:	
BID PACKAGE:	0242-411
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REVISION

SHEET
T702



EQUIPMENT INTERCOM SCHEDULE: ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO)				
SYMBOL	DESCRIPTION	MODEL	PART NUMBER	NOTES / DETAIL REFERENCES
①	TELECENTER U IP CONTROLLER	RAULAND	TCC2000	N/A
②	TELECENTER U ADMIN CONSOLE		TCC2045	N/A
③	TELECENTER U AUX. IN/OUT. MODULE		TCC2033	N/A
	UNIVERSAL RACK MOUNTING KIT		TCC2099	N/A
④	TELECENTER U PROGRAM LINE INPUT MODULE		TCC2055	N/A
⑦	24-PORT OR 48-PORT PATCH PANEL	SEE DATA TECHNOLOGY RACK ELEVATIONS BELOW FOR MORE INFORMATION.		(N) OR (E) AS NOTED
⑧	48-PORT NETWORK SWITCH	SEE DATA TECHNOLOGY RACK ELEVATIONS BELOW FOR MORE INFORMATION.		(N) OR (E) AS NOTED
[IACP]	INTRUSION ALARM CONTROL PANEL	EXISTING	EXISTING	N/A
[FACP]	FIRE ALARM CONTROL PANEL	EXISTING	EXISTING	N/A
[CON]	ACCESS CONTROL PANEL	EXISTING	EXISTING	N/A

EQUIPMENT SCHEDULE INTERIOR SURFACE SPEAKER: ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO)				
DESCRIPTION	MODEL	PART NUMBER	NOTES / DETAIL REFERENCES	
TELECENTER U IP CLASSROOM MODULE	RAULAND	TCC2011B	MOUNT INSIDE ENCLOSURE	
8 OHM, 8" SPEAKER WITH RJ45 CONNECTOR	RAULAND	US0880	N/A	
SPEAKER BAFFLE	RAULAND	ACC1003	N/A	
SURFACE MOUNT SPEAKER ENCLOSURE	RAULAND	ACC1112	N/A	

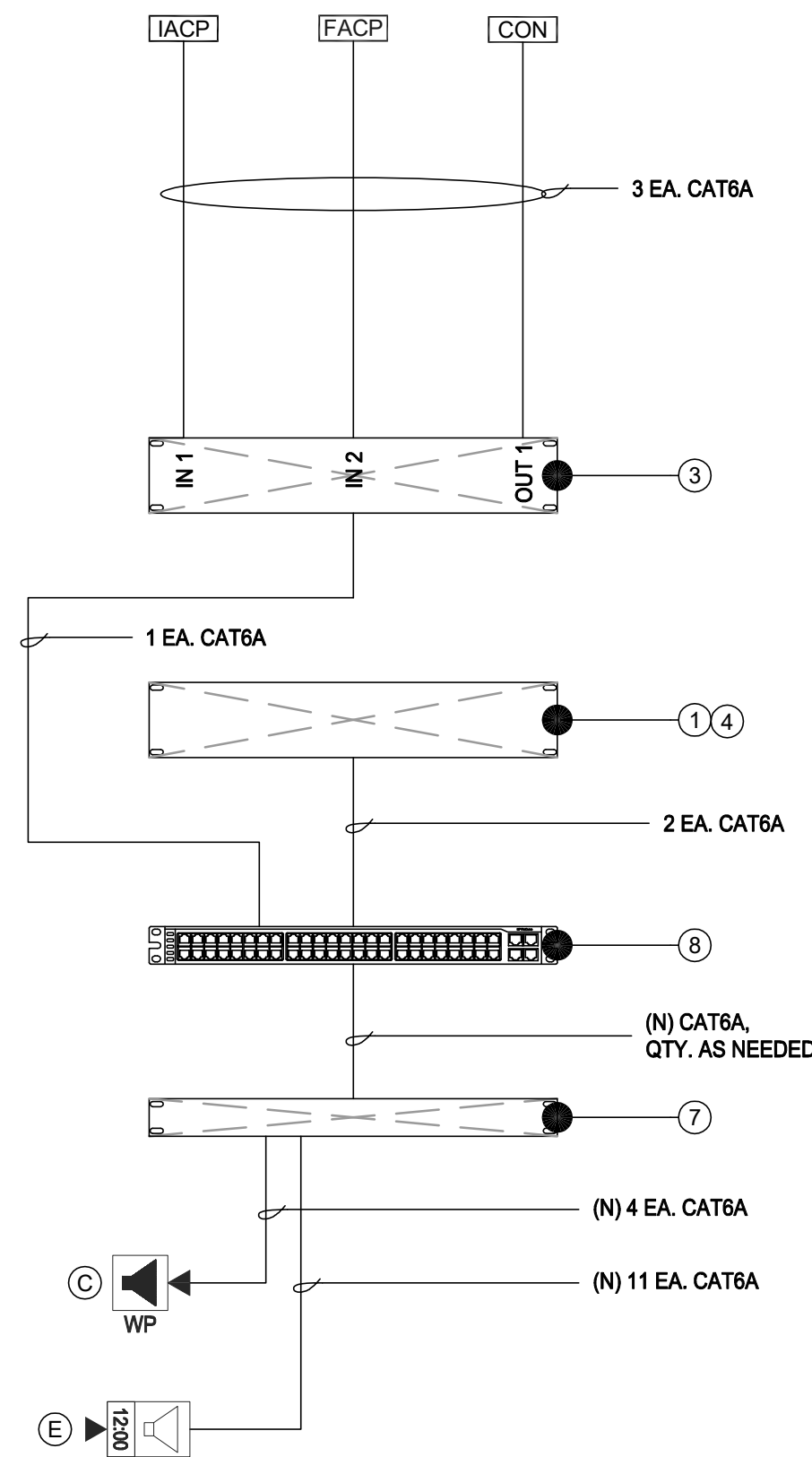
EQUIPMENT SCHEDULE EXTERIOR SURFACE SPEAKER: ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO)				
DESCRIPTION	MODEL	PART NUMBER	NOTES / DETAIL REFERENCES	
TELECENTER U IP CLASSROOM MODULE	RAULAND	TCC2011B	MOUNT INSIDE BUILDING	
TELECENTER U BREAKOUT MODULE	RAULAND	603101	MOUNT INSIDE BUILDING	
8 OHM, 8" MOISTURE RESISTANT SPEAKER	LOWELL	8C10MRB	N/A	
GRILLE VANDAL RESISTANT	RAULAND	ACC1012	N/A	
SURFACE MOUNT SPEAKER ENCLOSURE	RAULAND	ACC1113	N/A	
(N) SURFACE MOUNTED 4 GANG BACKBOX - WHITE	FSR	SMWB-4G-WHT	MOUNT INSIDE BUILDING	

EQUIPMENT SCHEDULE INTERIOR SURFACE CLOCK/SPEAKER COMBO: ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO)				
DESCRIPTION	MODEL	PART NUMBER	NOTES / DETAIL REFERENCES	
TELECENTER U IP CLASSROOM MODULE	RAULAND	TCC2011B	MOUNT IN ENCLOSURE	
IP DIGITAL CLOCK	RAULAND	TCC3011S	N/A	
BAFFLE ASSEMBLY WITH SPEAKER	RAULAND	ACC3011S	N/A	
SURFACE MOUNT ENCLOSURE CLOCK/SPEAKER COMBO	RAULAND	ACC3011SBB	N/A	

TELECENTER AUX IO MODULE SPECIFIC NOTES:

[IACP] & [FACP] CONNECTION - ROUTE (N) CABLE INTO CABINET AND PROVIDE 48" SERVICE LOOP. LABEL CABLE. DO NOT TERMINATE.

[CON] CONNECTION- SEE SINGLE LINE 9T402 FOR TERMINATION REQUIREMENTS.



ACTION MATRIX: INTERCONNECTIONS TO OTHER SYSTEMS				
MODULES	TCC2033 (IDF 1.01)			
I/O PORTS	IN-1	IN-2	OUT-1	OUT-2
EVENT: LOCKDOWN			[C]	
EVENT: INTRUSION ALARM ACTIVE	[A]			
EVENT: FIRE ALARM ACTIVE		[B]		
[A]	INPUT: CLOSURE FROM INTRUSION ALARM PANEL			
[B]	INPUT: CLOSURE FROM FIRE ALARM PANEL			
[C]	OUTPUT: CLOSURE TO ACCESS CONTROL			



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T703