ADDENDUM NO. 1
TO THE
CONTRACT DOCUMENTS
JUNE 18, 2024

PROJECT NO. 9558940
MIND IT NETWORK MODERNIZATION

GENERAL

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated May 2024 and consists of pages AD1-1 through AD1-3 and attached ACD-01 plans for Buildings 25 and 26. The following changes, additions and/or deletions shall be made to the following documents; all other conditions shall remain the same.

ITEM NO. I – CONTRACT DOCUMENTS ANNOUNCEMENT TO PREQUALIFIED BIDDERS SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

1. CHANGE Bid Form/Bid Bond deadline to Monday, June 24, 2024, at 2:00 p.m., and Best Value Questionnaire deadline to Tuesday, June 25, 2024, at 2:00 p.m.

ITEM NO. II - DRAWINGS

BUILDING 25 ACD-01

- 1. G000 COVER SHEET
 - AOR information and stamp updated
 - Sheet index update to reflect current sheet revisions
- 2. A101 ENLARGED DEMOLITION PLANS
 - AOR stamp updated
 - Plans updated to reflect electrical scope
- 3. A200 OVERALL FLOOR PLANS
 - AOR stamp updated
 - General notes update for patching of flooring holes
- 4. A201 ENLARGED FLOOR PLANS
 - AOR stamp updated
 - General notes updated for patching of flooring holes
 - Plans updated to reflect electrical scope
- 5. E3.21 ENLARGED 2ND FLOOR PLANS ELECTRICAL
 - Removed (3) equipment racks from Telecom Room 2121, which UCDH IT has removed from the room.
 - Show one existing rack and 6" vertical wire managers to remain in place
 - Removed new power drop circuits for the equipment racks
 - Clarified dimensions
- E3.22 ENLARGED 2ND FLOOR PLANS ELECTRICAL
 - Removed (1) equipment rack from Telecom Room 2285
 - Removed new power drop circuits for the equipment racks
- 7. E4.00 TELECOM BACKBONE RISER DIAGRAM
 - Removed equipment racks from the telecom rooms on the riser diagram
- 8. E6.00 PANEL SCHEDULES
 - Updated panel schedules to reflect spare breakers as a result of the removed power drops

BUILDING 26 ACD-01

- G000 COVER SHEET
 - AOR information and stamp updated
 - Sheet index update to reflect current sheet revisions
- 10. A100 OVERALL DEMOLITION PLANS
 - AOR stamp updated
 - Plans updated to reflect electrical scope



ADDENDUM No. 1 TO THE CONTRACT DOCUMENTS JUNE 18, 2024

PROJECT NO. 9558940
MIND IT NETWORK MODERNIZATION

- 11. A200 OVERALL FLOOR PLANS
 - AOR stamp updated
 - General notes update for patching of flooring holes
- 12. A201 ENLARGED FLOOR PLANS
 - AOR stamp updated
 - General notes updated for patching of flooring holes
 - Additional keynote added to clarify scope for patching (e) wall
 - Plans updated to reflect electrical scope
- 13. E3.11 ENLARGED 1st FLOOR PLANS ELECTRICAL
 - Removed (2) equipment racks from Telecom Room 1448, which UCDH IT has removed from the room.
 - Removed new power drop circuits for the equipment racks
 - Clarified dimensions
- 14. E3.12 ENLARGED 2ND FLOOR PLANS ELECTRICAL
 - Removed (2) equipment rack from Telecom Room 2285, which UCDH IT has removed from the room.
 - Removed new power drop circuits for the equipment racks
 - Showed equipment racks shifting west
 - Clarified dimensions
- 15. E4.00 TELECOM BACKBONE RISER DIAGRAM
 - Removed equipment racks from the telecom rooms on the riser diagram
- 16. E6.00 PANEL SCHEDULES
 - Updated panel schedules to reflect spare breakers as a result of the removed power drops

ITEM NO. III - RFI CLARIFICATIONS

1. **Question**: On Page 2 of the Mandatory Pre-Bid Conference and Project Site Walk-Through Agenda, it states that Notice to Proceed is 07/25/2024 but has no construction start date. Does UC Davis have an expected Construction Start Date and Substantial/Final Completion Date? Please clarify.

Answer: The Notice to Proceed letter will contain the start date, which is estimated to be 7/25/2024. The Notice to Proceed letter would be issued ahead of that date. The construction start date mentioned in the Notice to Proceed letter will be the start of the 365 days of contract time (section H), of which the project must reach Final Completion by the end of the contact time listed.

2. **Question**: The Hazardous Material Report states that the existing conditions of both buildings contain lead in the paint. Will this project require a full-time lead abatement supervisor on-site? Please advise.

Answer: All paints collected from the interior components that are expected to be impacted by the Net V2 Project were determined to be below the laboratory's detectable limit of 100 parts per million (ppm) for lead. No hazardous material handling or supervising is required on this project.

3. **Question**: Will each project be bid separately? I would assume we would price each one individually, but please confirm.

Answer: Although the deadlines are the same, each project is bid separately. Please provide separate sealed envelopes for Building 25 and Building 26.

4. **Question**: Is there a project schedule available yet? Will the jobs go concurrently or will one building go before the other?

Answer: Estimated start date of 7/25/2024 with a contract time duration of 365 calendar days. Jobs to proceed concurrently.

5. Question: Also on project schedule, can the work be done during normal hours or do we need to work after hours?

Answer: Work for this project shall be completed after hours unless specific activities are given permission to be completed during daytime hours.



ADDENDUM NO. 1 TO THE CONTRACT DOCUMENTS JUNE 18, 2024

PROJECT NO. 9558940
MIND IT NETWORK MODERNIZATION

6. **Question**: The specs indicate the fan coils are to connect to the BACS (Building Automation Control System), and the drawings show JCI. Can you confirm if we are to use the JCI Branch office, or a JCI distribution partner for the controls?

Answer: UCDH utilizes JCI products for its controls systems, but sourcing and subcontracting is up to the contractor team.

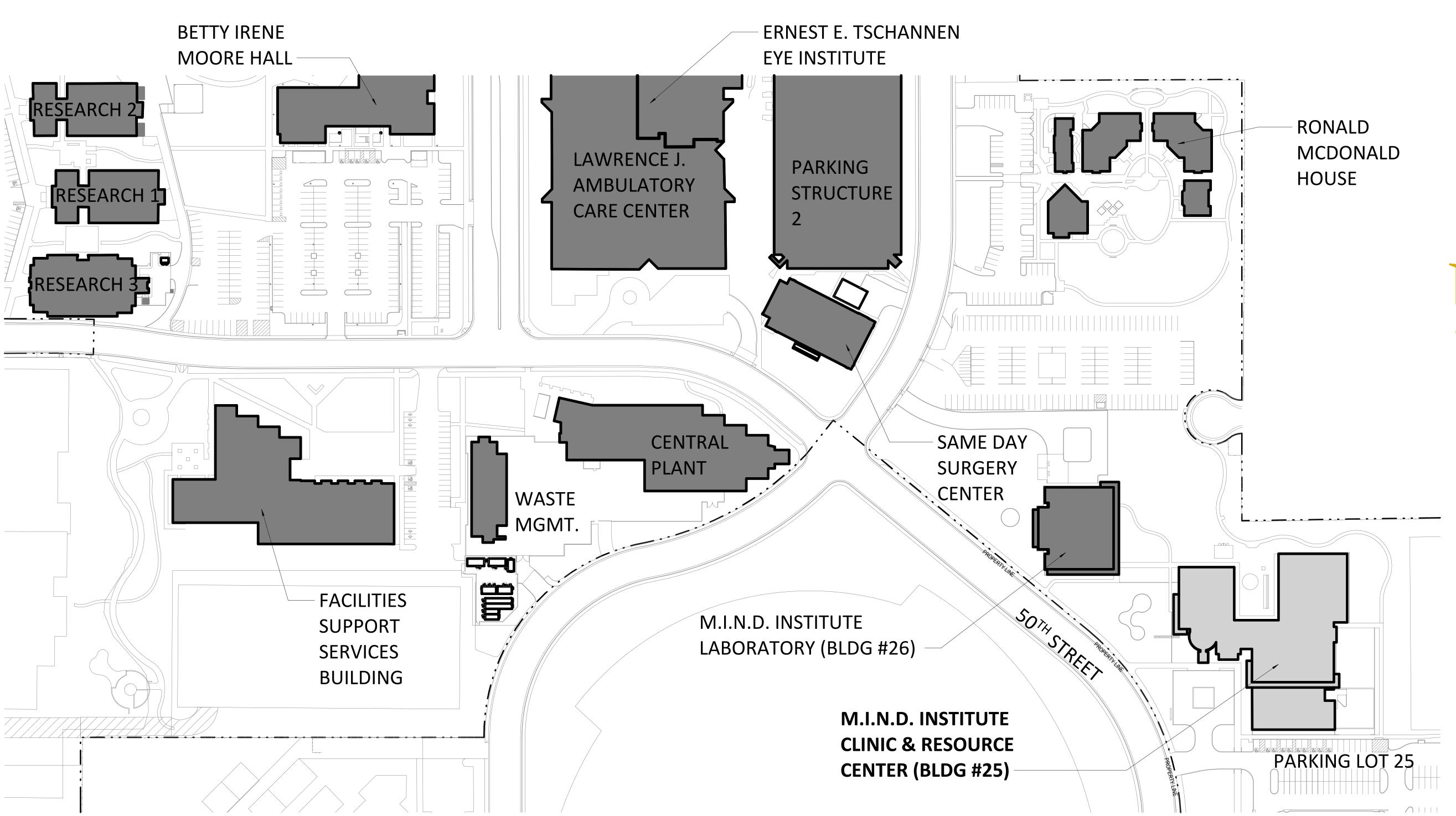
7. **Question**: Please confirm if due date for bid will be changed due to having the due same date as the two other UCDH projects that were previously postponed?

Answer: Although there were separate due dates for Bid Form/Bid Bond and Questionnaire from the original bid documents, we are postponing the deadlines for a few days to give you time to review this Addendum. See item No. I on Page AD1-1.

DocuSigned by:

----2DFBA8A36A624A3..

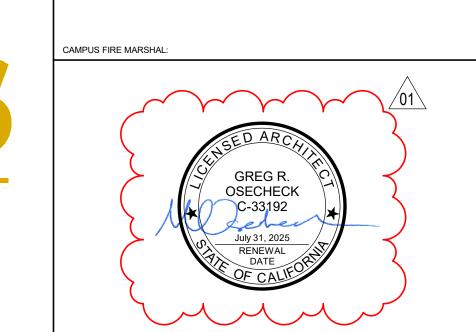
Michael Gomez – Project Manager Facilities Design & Construction UC Davis Health



MIND IT NETWORK
MODERNIZATION
BUILDING #25

2825 50TH STREET, SACRAMENTO, CA 95817

ICCDAVIS HEALTH



HGA

1200 R STREET, SUITE 100 SACRAMENTO, CALIFORNIA 95811 TELEPHONE: 916.787.5100

STRUCTURAL ENGINEER

1200 R Street, Suite 100 Sacramento, CA 95811 916.787.5100

MECHANICAL ENGINEER

R&A Engineering Solutions, Inc. 1111 Howe Ave, Suite 655 Sacramento, CA 95825 916.920.5965

ELECTRICAL ENGINEER

ECOM 1455 Reponse Road, Suite 140

HGA COMMISSION NUMBER: 1500-164-00

Sacramento, CA 95815 916.641.1640

CONTACT INFORMATION

PHONE: (916) 707-3632 MHGOMEZ@UCDAVIS.EDU PHONE: (916) 787-5127 ARCHITECT: HAMMEL, GREEN AND ABRAHAMSON EMAIL: GOSECHECK@HGA.COM -PHONE: (916) 641-5800 **CONTACT: ERIC JOHNSON** EMAIL: ECJ@ECOMENG.COM **MECHANICAL:** R&A ENGINEERING SOLUTIONS, INC. PHONE: (916) 920-5965 CONTACT: ANDREW JONES EMAIL: ANDYJ@RASOLUTIONS.COM PHONE: (916) 787-5120 STRUCTURAL: HAMMEL, GREEN AND ABRAHAMSON EMAIL: BFORSLIN@HGA.COM CONTACT: BRENT FORSLIN

PROJECT INFORMATION

PROJECT NAME: MIND IT NETWORK MODERNIZATION

PROJECT DESCRIPTION: NET V2 IT INFRASTRUCTURE UPGRADE IN THE M.I.N.D. INSTITUTE CLINIC & RESOURCE CENTER BUILDING (BLDG #25). WORK TO EXISTING TELECOM ROOMS WILL UPGRADE ELECTRICAL, IT, AND MECHANICAL SYSTEMS. THIS INCLUDES BUT IS NOT LIMITED TO RELOCATING EXISTING EQUIPMENT RACKS, ADDING NEW RACKS, NEW UPS, NEW WAPS & CABLING, RECEPTACLES, LIGHT FIXTURES, MINI POWER ZONES, AND POWER DISTRIBUTION UNITS. NEW HVAC SYSTEM INSTALLATION AND ASSOCIATED PIPING, AS WELL AS CEILING DEMOLITION ARE ALSO INCLUDED AS PART OF THIS PROJECT. WORK DOES NOT

IMPACT EXISTING FIRE SEPARATION WALLS.

PROJECT ADDRESS:

M.I.N.D. INSTITUTE CLINIC & RESOURCE CENTER (BLDG # 25)
2825 50TH STREET
SACRAMENTO, CA 95817

CONSTRUCTION TYPE:

SEISMIC ZONE:

TYPE II-A

NO. OF STORIES:
2 STORIES

2 STORIES

2 STORIES (33'-01")

FIRE PROTECTION: FULLY FIRE ALARMED (EXISTING)

FULLY SPRINKLED (EXISTING)

 OCCUPANCY:
 PROJECT OCCUPANCY:

 B - BUSINESS
 ACCESSORY, GROUP S-2

 BUILDING AREA:
 PROJECT FLOOR AREA:

 1ST FLOOR:
 42,118 S.F.

 2ND FLOOR:
 32,498 S.F.

 2ND FLOOR:
 424 S.F.

TOTAL BUILDING AREA: TOTAL PROJECT AREA: 661 S.F.

EXISTING CONDITIONS:

AS-BUILT CONDITIONS OF THIS BUILDING HAVE NOT BEEN VERIFIED. CONTRACTOR SHALL DETERMINE EXACT LOCATIONS OF NEW WORK AND EQUIPMENT PER EXISTING CONDITIONS. ALL DIMENSIONS SHOWN ON DRAWINGS SHALL BE VERIFIED IN FIELD BEFORE WORK IS COMPLETE.

CODE INFORMATION

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)

PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

2022 CALIFORNIA BUILDING CODE (CBC):

PART 2, TITLE 24, CCR; BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC)

2022 CALIFORNIA ELECTRICAL CODE (CEC):

PART 3, TITLE 24, CCR; BASED ON THE 2017 NATIONAL ELECTRICAL CODE (NEC)

PART 3, TITLE 24, CCR; BASED ON THE 2017 NATIONAL ELECTRICAL CODE (NEC)

2022 CALIFORNIA MECHANICAL CODE (CMC):

PART 4, TITLE 24, CCR; BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC)

2022 CALIFORNIA PLUMBING CODE:

PART 5, TITLE 24, CCR; BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC)

PART 5, TITLE 24, CCR; BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC)

2022 CALIFORNIA FIRE CODE(CFC):

PART 9, TITLE 24, CCR, BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC)

2022 CALIFORNIA EXISTING BULDING CODE (CEBC):

PART 10, TITLE 24, CCR; BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC)
AND CA AMENDMENTS

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE:

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE:
PART 11, TITLE 24, CCR
2022 CALIFORNIA REFERENCE STANDARDS CODE(CFC):

PART 12, TITLE 24, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

CALIFORNIA CODE OF REGULATIONS:

PART 19, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

LIFE SAFETY CODE:

2012 NFPA 101 LIFE SAFETY CODE
ACCESSIBILITY CODE:

CHAPTER 11/11B, 2022 CBC AND 2010 ADA (28 CFR PART 36)

ENERGY CODE:

2022 CALIFORNIA ENERGY CODE - PART 6. TITLE 24. CCR

SIGN CODE:

IGN CODE:
AMERICANS WITH DISABILITIES ACT (ADA), CBC (TITLE 24), & UFC (TITLE 19)

V	NUMBER	SHEET NAME							
F١	JERAL	OHEET IV WIL							
	G000	COVERSHEET - MIND CLINIC							
	G012	POST INSTALLED ANCHOR GENERAL NOTES AND GENERAL DETAILS							
	G030	LIFE SAFETY PLAN LEVEL 01							
	G031	LIFE SAFETY PLAN LEVEL 02							
	G040	CALIFORNIA GREEN BUILDING STANDARDS CODE							
	G041	CALIFORNIA GREEN BUILDING STANDARDS CODE							
	G042	CALIFORNIA GREEN BUILDING STANDARDS CODE							
RC	CHITECTURAL								
	A010	GENERAL NOTES AND SYMBOLS							
	A020	ARCHITECTURAL SITE PLAN							
	A100	OVERALL DEMOLITION PLANS							
	A101	ENLARGED DEMOLITION PLANS							
	A200	OVERALL FLOOR PLANS							
	A201	ENLARGED FLOOR PLANS							
	A664	INTERIOR METAL STUD FRAMING DETAILS							
	A665	TYPICAL ROOF DETAILS							
EC	CHANICAL								
	MP001	MECHANICAL LEGEND, NOTES AND SHEET INDEX							
	MP002	MECHANICAL SCHEDULES & CONTROLS							
	MP003	TITLE 24 DOCUMENTATION							
	MP101	OVERALL FIRST FLOOR MECHANICAL PLAN							
	MP102	OVERALL SECOND FLOOR MECHANICAL PLAN							
	MP103	OVERALL MECHANICAL ROOF PLAN							
	MP201	ENLARGED FIRST FLOOR MECHANICAL PLANS							
	MP202	ENLARGED SECOND FLOOR MECHANICAL PLANS							
	MP203	ENLARGED MECHANICAL ROOF PLANS							

MECHANICAL DETAILS

MECHANICAL DETAILS

MECHANICAL DETAILS

B1 MP602

B1 MP603

DRAWING INDEX

REV #	NUMBER	SHEET NAME
	ECTRICAL	SHELT WAIVIE
10 LL	E0.01	SYMBOL LEGEND AND DRAWING INDEX
	E0.02	NOTES
 В1	E0.03	SCHEDULES
	E0.04	TITLE 24 COMPLIANCE FORMS
	E1.00	SITE PLAN - ELECTRICAL
B2	E1.01	OVERALL 1ST FLOOR PLAN - ELECTRICA
B2	E1.02	OVERALL 2ND FLOOR PLAN - ELECTRICA
B1	E1.03	OVERALL ROOF PLAN - ELECTRICAL
B1	E3.11	ENLARGED 1ST FLOOR PLANS - ELECTRICAL
01	E3.21	ENLARGED 2ND FLOOR PLANS - ELECTRICAL
01	E3.22	ENLARGED 2ND FLOOR PLANS - ELECTRICAL
01	E4.00	TELECOM BACKBONE RISER DIAGRAM
B1	E5.00	ONE-LINE DIAGRAM
01	E6.00	PANEL SCHEDULES
B1	E7.01	ELECTRICAL / TELECOM DETAILS
	E7.02	ELECTRICAL / TELECOM DETAILS
	E7.03	ELECTRICAL / TELECOM DETAILS
	E7.04	ELECTRICAL / TELECOM DETAILS
	E7.05	ELECTRICAL / TELECOM DETAILS
	E7.06	ELECTRICAL / TELECOM DETAILS
	E7.07	ELECTRICAL / TELECOM DETAILS
B1	E7.08	ELECTRICAL / TELECOM DETAILS
B1	E7.09	ELECTRICAL / TELECOM DETAILS
B1	E7.10	ELECTRICAL / TELECOM DETAILS
Grand	l total: 51	

JUNE, 07 2024

MAP: 2825 50TH ST, SACRAMENTO, CA 95817

PROJECT NO. 9558940

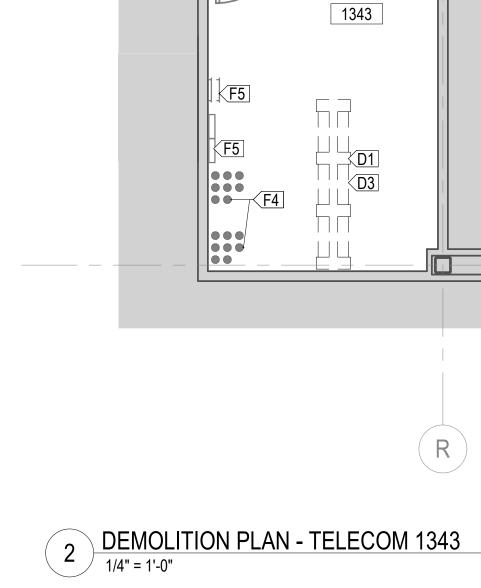
2ND AVE

THIS ISSUE	ISSUED FOR	DATE
	100% CD PLAN REVIEW	01/05/2024
\triangle NO	REVISION DESCRIPTION	DATE
B1	BACKCHECK #1	03/20/2024
B2	BACKCHECK #2	04/19/2024
01	ACD #1	06/07/2024

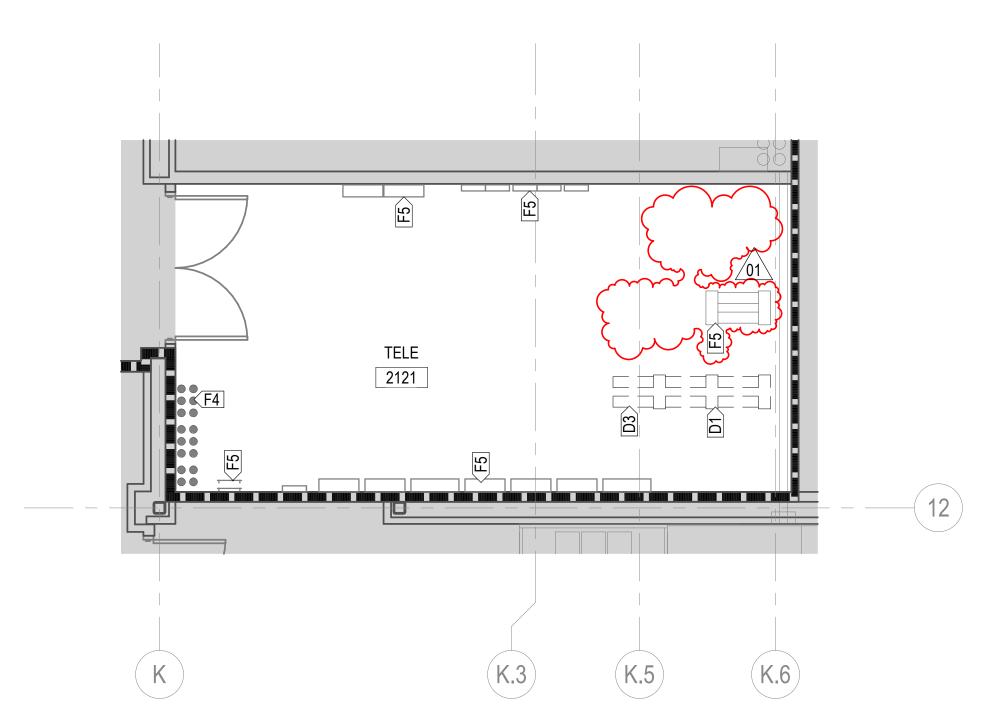
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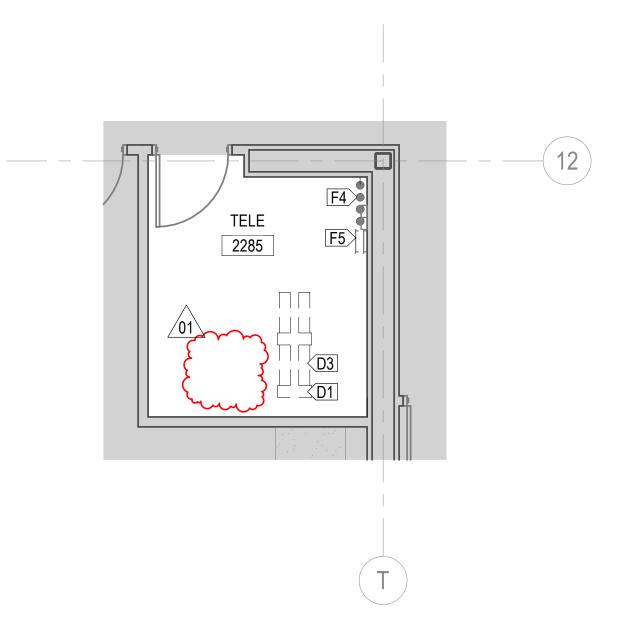


TELECOM



3 DEMOLITION PLAN - TELECOM 2121

1/4" = 1'-0"



4 DEMOLITION PLAN - TELECOM 2285
1/4" = 1'-0"

GENERAL NOTES - DEMOLITION PLAN

- A. COORDINATE EXTENT OF DEMOLITION WITH REQUIREMENTS FOR NEW WORK. B. REMOVE EXISTING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, FLOOR FINISHES, WALLS, CEILINGS, WALL BASE, AND OTHER EXISTING CONSTRUCTION AS INDICATED OR REQUIRED FOR NEW WORK, UNLESS NOTED OTHERWISE.
- C. REMOVE PARTITIONS COMPLETELY TO UNDERSIDE OF STRUCTURAL COMPONENTS ABOVE AND TO TOP OF FLOOR STRUCTURAL COMPONENTS AT BASE. DO NOT LEAVE SECTIONS OR MATERIALS OF WALL ASSEMBLIES IN PLACE.
- D. AT SIDES OF WALLS, THAT ABUT WALLS TO REMAIN, CUT BACK AT LEAST 1 INCH (25 MM) BEYOND FACE OF FINISH OF WALL TO REMAIN TO FACILITATE SUBSEQUENT PATCHING AND
- NEW CONSTRUCTION. E. COMPLETELY REMOVE FINISHES, SUBBASE MATERIALS AND STRUCTURAL FRAMING
- MATERIALS TO LINES INDICATED OR REQUIRED FOR NEW WORK.
- F. EXISTING UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS ARE TO REMAIN, UNLESS INDICATED OTHERWISE.
- G. RELOCATE EXISTING WORK SERVING OCCUPIED PORTIONS OF THE BUILDING AS REQUIRED TO MAINTAIN SERVICE TO OCCUPIED AREAS AND TO ACCOMMODATE NEW WORK.
- H. REMOVE AND CAP PORTIONS OF EXISTING UTILITIES INDICATED TO BE DEMOLISHED AS REQUIRED TO ACCOMMODATE NEW WORK, INCLUDING SURFACE-MOUNTED ELECTRICAL CONDUIT, DEVICES AND LIGHT FIXTURES; RADIATORS, RADIATOR COVERS; PLUMBING
- FIXTURES AND ASSOCIATED PIPING. REMOVE CEILINGS INDICATED TO BE DEMOLISHED INCLUDING INTEGRAL HANGERS, SUPPORTS, ANCHORS AND MATERIALS OR ASSEMBLIES ATTACHED TO CEILING CONSTRUCTION.
- J. REMOVE SUSPENDED CEILINGS TO UNDERSIDE OF STRUCTURE OR ORIGINAL PLASTER OR
- GYPSUM BOARD CEILING SURFACES. K. MAINTAIN EGRESS FROM EXISTING OCCUPIED SPACES AND SURROUNDING BUILDING AREAS AS INDICATED AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION. MAINTAIN EGRESS FROM EXISTING OCCUPIED SPACES AND SURROUNDING BUILDING AREAS AS INDICATED AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- L. PROVIDE AND MAINTAIN FIRE EXTINGUISHERS IN AREA OF WORK, IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- M. COORDINATE UTILITY INTERRUPTIONS WITH OWNER. PROVIDE AT LEAST 48 HOURS WRITTEN NOTICE TO OWNER BEFORE UTILITY INTERRUPTIONS OBTAIN OWNER'S WRITTEN APPROVAL OF INTERRUPTIONS BEFORE PROCEEDING.
- N. COORDINATE OPERATIONS THAT MAY RESULT IN HIGH LEVELS OF NOISE AND VIBRATION, ODORS, OR OTHER DISRUPTIONS TO OCCUPANCY WITH OWNER. OBTAIN OWNER'S WRITTEN PERMISSION BEFORE PROCEEDING.
- O. PROVIDE TEMPORARY BARRIERS AND ENCLOSURES AS REQUIRED TO PROTECT MATERIALS AND PEOPLE. PREVENT DUST, FUMES, AND ODORS FROM ENTERING OCCUPIED AREAS. MAINTAIN AND RELOCATE TEMPORARY BARRIERS AND ENCLOSURES AS REQUIRED BY THE PROGRESS OF THE WORK. REMOVE TEMPORARY BARRIERS AND ENCLOSURES AT COMPLETION OF WORK.
- P. PRIOR TO STARTING DEMOLITION, VERIFY EXISTING CONDITIONS AND DIMENSIONS. COORDINATE EXTENT OF DEMOLITION WORK AND EXISTING CONSTRUCTION TO REMAIN WITH NEW WORK. NOTIFY ARCHITECT OF CONFLICTS OR DISCREPANCIES.
- Q. REFER TO DISCIPLINE-SPECIFIC DRAWINGS FOR RELATED FIRE SUPPRESSION, PLUMBING, HEATING VENTILATION AND AIR CONDITIONING, ELECTRICAL, COMMUNICATIONS, AND ELECTRONIC SAFETY AND SECURITY SYSTEM DEMOLITION WORK.

DEMOLITION LEGEND

SEE G010 FOR ALL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS

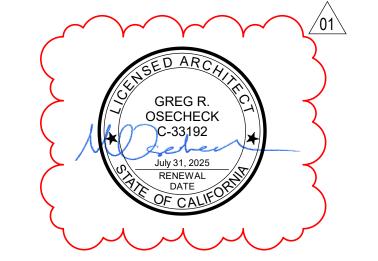
	· · · · · · · · · · · · · · · · · · ·
(E) CONSTRUCTION TO REMAIN	
(E) ONE HOUR RATED	
(E) TWO HOUR RATED	
(E) CONSTRUCTION TO BE REMOVED	=======
DOOR TO BE DEMOLISHED	
AREA OF WORK	

KEYNOTES

_		
	#	DESCRIPTION
	D1	DEMO WORK PER ELECTRICAL; REFER TO ELECTRICAL DRAWINGS
	D3	RELOCATE EXISTING EQUIPMENT PER ELECTRICAL
	F4	EXISTING CONDUIT SLEEVES - SEE ELECTRICAL DRAWINGS
	F5	EXISTING EQUIPMENT - SEE ELECTRICAL DRAWINGS

EXISTING AREA, NOT IN CONTRACT BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:



PROFESSIONAL OF RECORD:

UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION 4800 2nd Avenue, Suite 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

REV	REVISION DESCRIPTION	DATE
01	ACD #1	6/07/2024

CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #25**

2825 50TH ST. SACRAMENTO, CA 95817



MICHAEL GOMEZ AS SHOWN JUNE 07, 2024

> 1500-164-00 ©OPYRIGHT HAMMEL, GREEN AND ABRAHAMSON, INC.

1 FLOOR PLAN - LEVEL 01
1" = 30'-0"

3 ROOF PLAN 1" = 30'-0"

GENERAL NOTES - FLOOR PLAN

- A. PLAN DIMENSIONS ARE FROM FACE OF PARTITION TYPE AND DO NOT INCLUDE APPLIED FINISHES, UNLESS NOTED OTHERWISE. PLAN DIMENSIONS INDICATED AS "HOLD" OR "CLEAR" DIMENSIONS ARE FROM FACE OF APPLIED FINISH.
 - B. INSTALL WORK STRAIGHT, PLUMB, LEVEL, SQUARE, AND TRUE, IN PROPER
 - C. FLATNESS: LEVEL FLOORS TO TRUE PLANE WITHIN 1/4 INCH (6 MM) IN 10'-0" (3 M) WHEN TESTED BY TEN FOOT (3 M) STRAIGHTEDGE PLACED ANYWHERE ON FLOOR IN ANY DIRECTION.
 - OTHER WALL-HUNG ITEMS ARE ATTACHED TO PARTITIONS, INSTALL BACKER PLATES [OR WOOD BLOCKING] ACCURATELY POSITIONED AND FIRMLY SECURED TO METAL STUDS, WHETHER OR NOT SUCH BACKER PLATES OR BLOCKING ARE INDICATED ON
 - SMOOTH AND EVEN TRANSITION AND ELIMINATE EVIDENCE OF PATCHING AND REFINISHING. FINISH NEW WORK TO MATCH ADJACENT UNDISTURBED SURFACES,
 - WHICH EXIST OR RESULT FROM DEMOLITION OR ALTERATION WORK TO MATCH ADJACENT UNDISTURBED SURFACES.
 - AND REPAIR AREAS OF REMOVED OR DAMAGED APPLIED FIREPROOFING. COMPLETE PATCHING AND REPAIR TO MAINTAIN EXISTING FIRE-RESISTANCE DESIGN IN ACCORDANCE WITH FIREPROOFING MANUFACTURER'S WRITTEN INSTRUCTIONS FOR CONDITIONS OF EXPOSURE AND INTENDED USE. COORDINATE TESTING AND
 - FLOOR AND PARTITION ASSEMBLIES AND ROOF INCLUDING EMPTY OPENINGS AND OPENINGS CONTAINING CABLES, PIPES, DUCTS, CONDUIT AND OTHER ELEMENTS. ALL PENETRATION WORK SHALL BE IN ACCORDANCE WITH 714 CBC AND PERFORMED BY A QUALIFIED AND CERTIFIED FIRE STOP APPLICATOR. FMO SHALL APPROVE EACH UL IN ADVANCE OF APPLICATION. PENETRATING ITEMS SHALL BE RIGIDLY

SEE A010 FOR ALL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS

KEYNOTES

C5 CUT & REINSTALL (E) CEILING TILES TO MATCH (N) FURRED WALL

F8 (E) STRUCTURAL BRACING; NEW CORED PENETRATION MUST

MECHANICAL DWGS AND PROVIDE ANCHORAGE PER MECHANICAL

(E) BASE IN ROOM, PROVIDE SEALANT AT EXPOSED EDGES; REFER

F10 NEW FURRED WALLS, BUILT UP TO 6 IN. ABOVE (E) CEILING. MATCH

MAINTAIN AT LEAST 6" CLEARANCE FROM FLANGE

F9 NEW CORED PENETRATION FOR CONDUIT RUN. REFER TO

PERIMETER; INSTALL (N) PERIMETER TRIM.

DESCRIPTION

- AND MECHANICAL FOR QUANTITY OF AND INFORMATION ABOUT PENETRATIONS. ĂT TELECOM ROOMS, FILL AND PATCH ALL HOLES IN FLOORING. MAINTAIN
- CONSISTENT FINISH, COLOR, AND SMOOTHNESS ACROSS FLOORING SURFACE.

(E) CONSTRUCTION

(E) ONE HOUR RATED

(N) CONSTRUCTION

AREA OF WORK

EXISTING AREA, NOT IN CONTRACT

NEW PENETRATION;

C8 (E) CEILING TILES TO REMAIN C9 (E) LIGHT FIXTURES TO REMAIN.

C10 (E) MECHANICAL TO REMAIN.

DWGS. SEE KEYNOTE F8

TO A664 FOR DETAILS

SEE KEYNOTES

TO REMAIN

HEALTH CONSTRUCTION PLAN LEGEND

BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:

FACILITIES DESIGN & CONSTRUCTION 4800 2ND AVENUE, SUITE 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

OSECHECK

C-33192

1200 R Street, Suite 100 Sacramento, California 95811

Telephone 916.787.5100 REVISION DESCRIPTION

01 ACD #1 6/07/2024

CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #25**

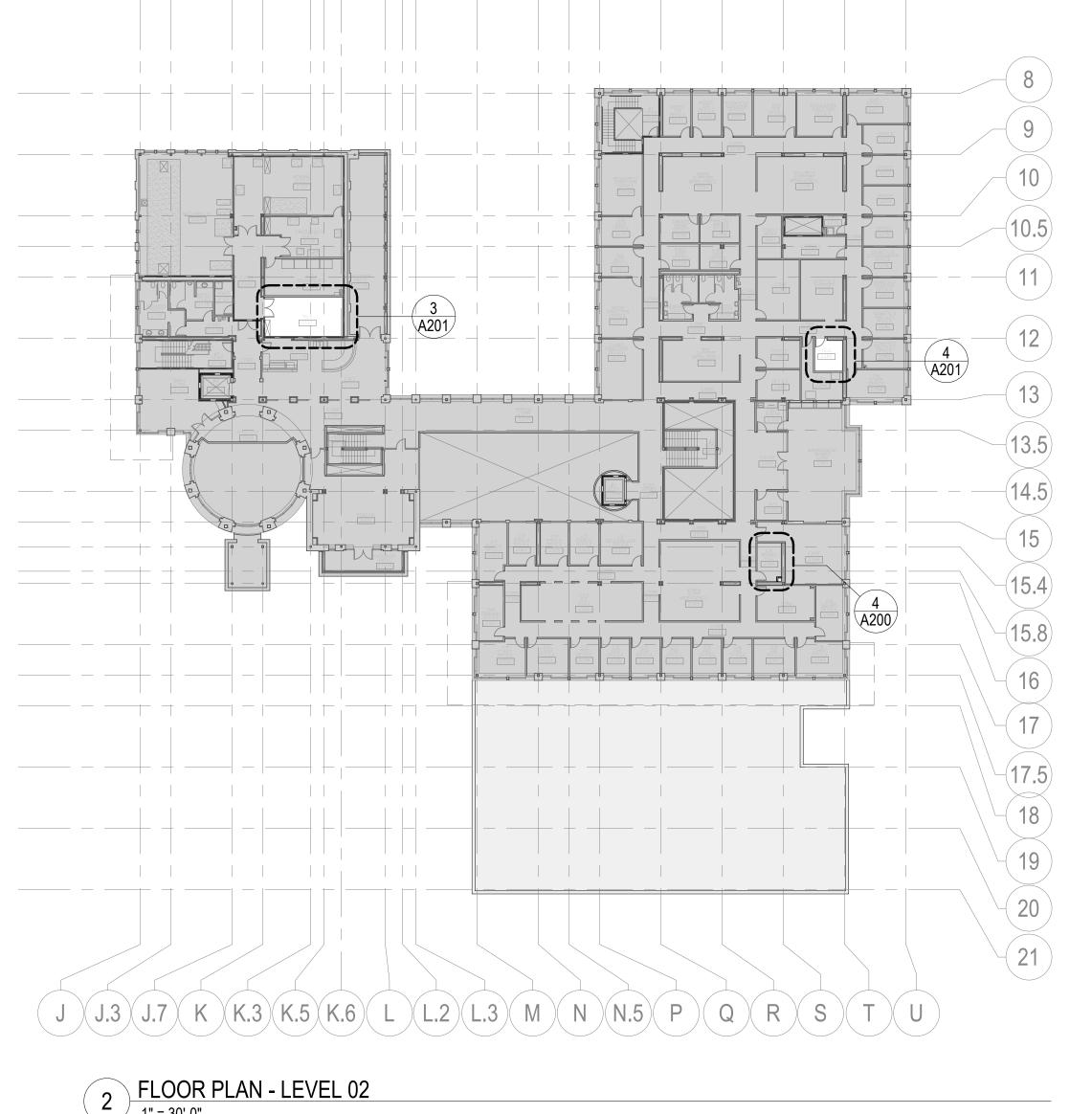
2825 50TH ST. SACRAMENTO, CA 95817

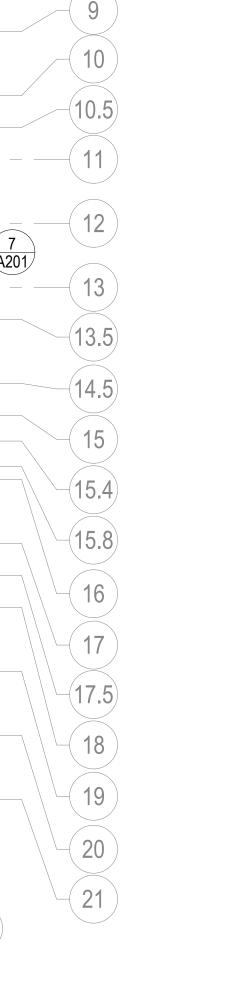
KEYPLAN

9558940 HGA UCDMC PROJECT MANAGER MICHAEL GOMEZ JUNE 07, 2024

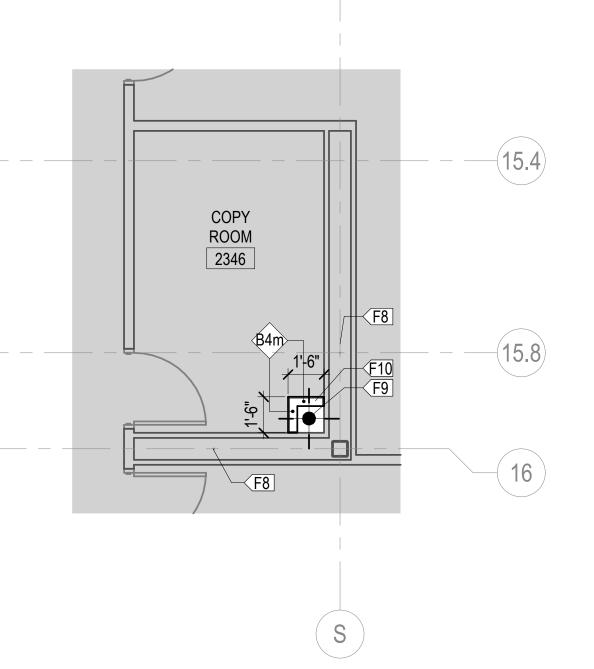
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A200

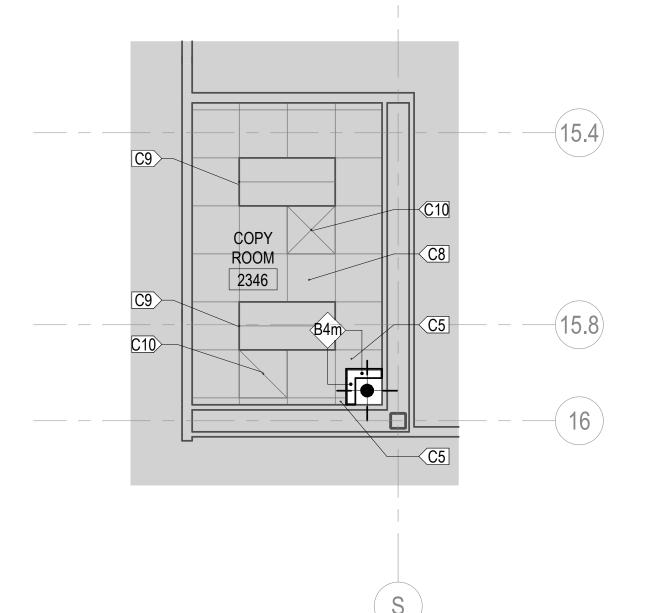




(17.5)

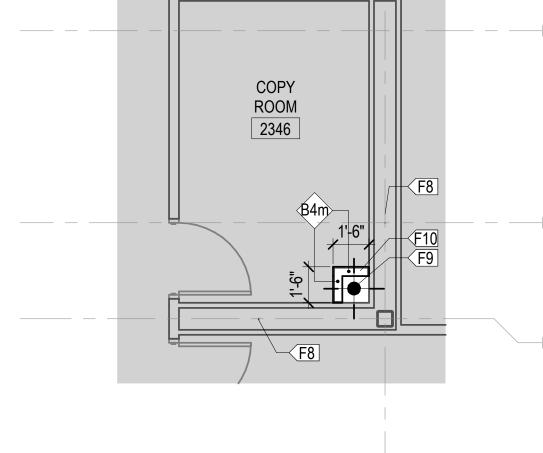


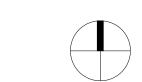
4 FLOOR PLAN - COPY ROOM 2346
1/4" = 1'-0"



5 CEILING PLAN - COPY ROOM 2346

1/4" = 1'-0"





D. WHERE HANDRAILS, GRAB BARS, CABINETS, WALL-MOUNTED DOOR STOPS, OR

E. WHERE NEW WORK ABUTS, ALIGNS OR ADJOINS EXISTING MATERIALS, MAKE

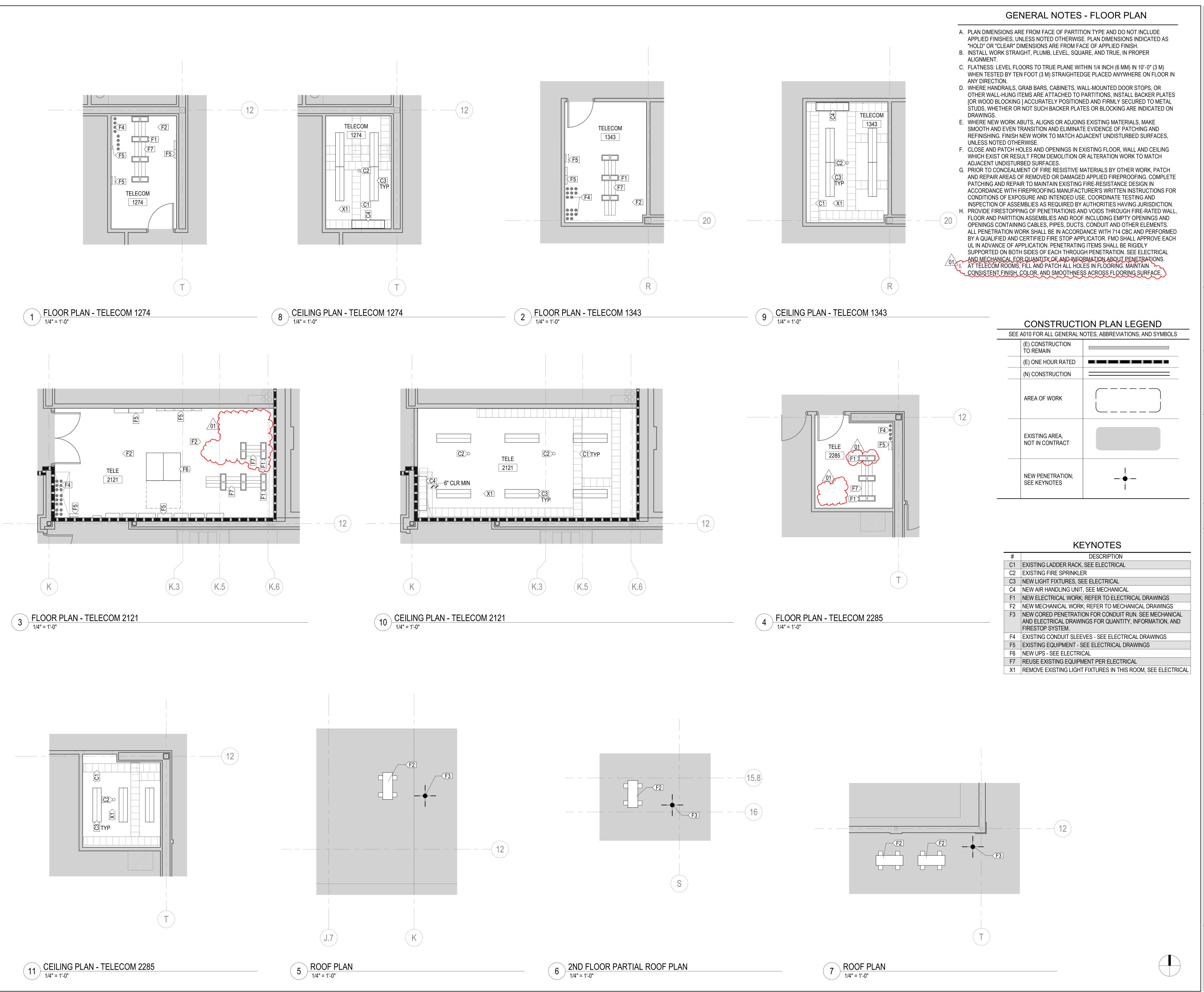
F. CLOSE AND PATCH HOLES AND OPENINGS IN EXISTING FLOOR, WALL AND CEILING

G. PRIOR TO CONCEALMENT OF FIRE RESISTIVE MATERIALS BY OTHER WORK, PATCH

INSPECTION OF ASSEMBLIES AS REQUIRED BY AUTHORITIES HAVING JURISDICTION. H. PROVIDE FIRESTOPPING OF PENETRATIONS AND VOIDS THROUGH FIRE-RATED WALL,

SUPPORTED ON BOTH SIDES OF EACH THROUGH PENETRATION. SEE ELECTRICAL

1500-164-00



UCDAVIS HEALTH

CAMPUS FIRE MARSHAL:

FACILITIES DESIGN & CONSTRUCTION 4800 2nd Avenue, Suite 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

GREG R.

OSECHECK

C-33192

1200 R Street, Suite 100

Sacramento, California 95811 Telephone 916.787.5100

REV	REVISION DESCRIPTION	DATE
01	ACD #1	6/07/2024

CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #25**

2825 50TH ST. SACRAMENTO, CA 95817



KEYPLAN

MICHAEL GOMEZ

A201 JUNE 07, 2024 1500-164-00

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NUMBERED NOTES

- SAFE OFF LIGHT FIXTURE CIRCUIT AND SWITCH LEG FOR RECONNECTION TO REPLACEMENT LIGHT FIXTURES.
- $\langle 2 \rangle$ CONNECT NEW LIGHT FIXTURE TO EXISTING CIRCUIT AND SWITCH LEG. NET LOAD REDUCTION.
- (3) UNBOLT EQUIPMENT RACKS AND RELOCATE AS SHOWN IN THE NEW ENLARGED ELECTRICAL PLANS FOR THE ROOM. REMOVE OLD ANCHOR BOLTS AND REPAIR CONCRETE AS NEEDED.
- $\langle 4 \rangle$ EXISTING VERTICAL WIRE MANAGER TO BE REMOVED. COORDINATE WITH UCDH IT FOR DISPOSAL OR RE-TASKING.
- 5 EXISTING RISER CONDUITS TO REMAIN. SEE TELECOM RISER DIAGRAM ON SHEET E4.00 FOR ADDITIONAL INFORMATION.
- (6) EXISTING CONDUIT SLEEVE(S) TO REMAIN.

 \vee

NUMBERED NOTES

- $\langle 7 \rangle$ EXISTING 3/4" FIRE RATED PLYWOOD MOUNTED AROUND THE PERIMETER OF THE ROOM.
- (8) EXISTING 12" LADDER RACK TO REMAIN IN PLACE.
- 9 L21-30 RECEPTACLE SUSPENDED DIRECTLY ABOVE EQUIPMENT RACKS. SEE DETAIL 5 AND 9 ON SHEET E7.02.
- 10 DEMO RECEPTACLE AND CIRCUIT AFTER TELECOM EQUIPMENT POWER IS CUT OVER TO THE NEW UPS.
- (11) RECEPTACLE IS ON 'UPS' POWER.
- (12) RECEPTACLE IS ON HOUSE POWER.
- (13) COORDINATE LOCATION OF DATA OUTLET WITH NETBOT CAMERA.
- $\langle 14 \rangle$ (2) CAT-6A AT UPS FOR MONITORING.

SHEET NOTES

- 1. TYPICAL UNLESS OTHERWISE NOTED, EXISTING RECEPTACLES, DEVICES, LIGHT FIXTURES, SWITCHES, ETC. SHOWN SOLID ARE EXISTING TO REMAIN. MAINTAIN CIRCUIT CONTINUITY.
- 2. TYPICAL UNLESS OTHERWISE NOTED, EXISTING RECEPTACLES, DEVICES, LIGHT FIXTURES, SWITCHES, ETC. SHOWN DASHED SHALL BE REMOVED, INCLUDING OUTLET BOX, CONDUIT AND WIRE.

BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:

1455 RESPONSE ROAD, SUITE 140
SACRAMENTO, CA. 95815

UCDAVIS

HEALTH

FACILITIES DESIGN & CONSTRUCTION 4800 2nd Avenue, Suite 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

> 1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

REVISION DESCRIPTION

BACKCHECK #1

BACKCHECK #2

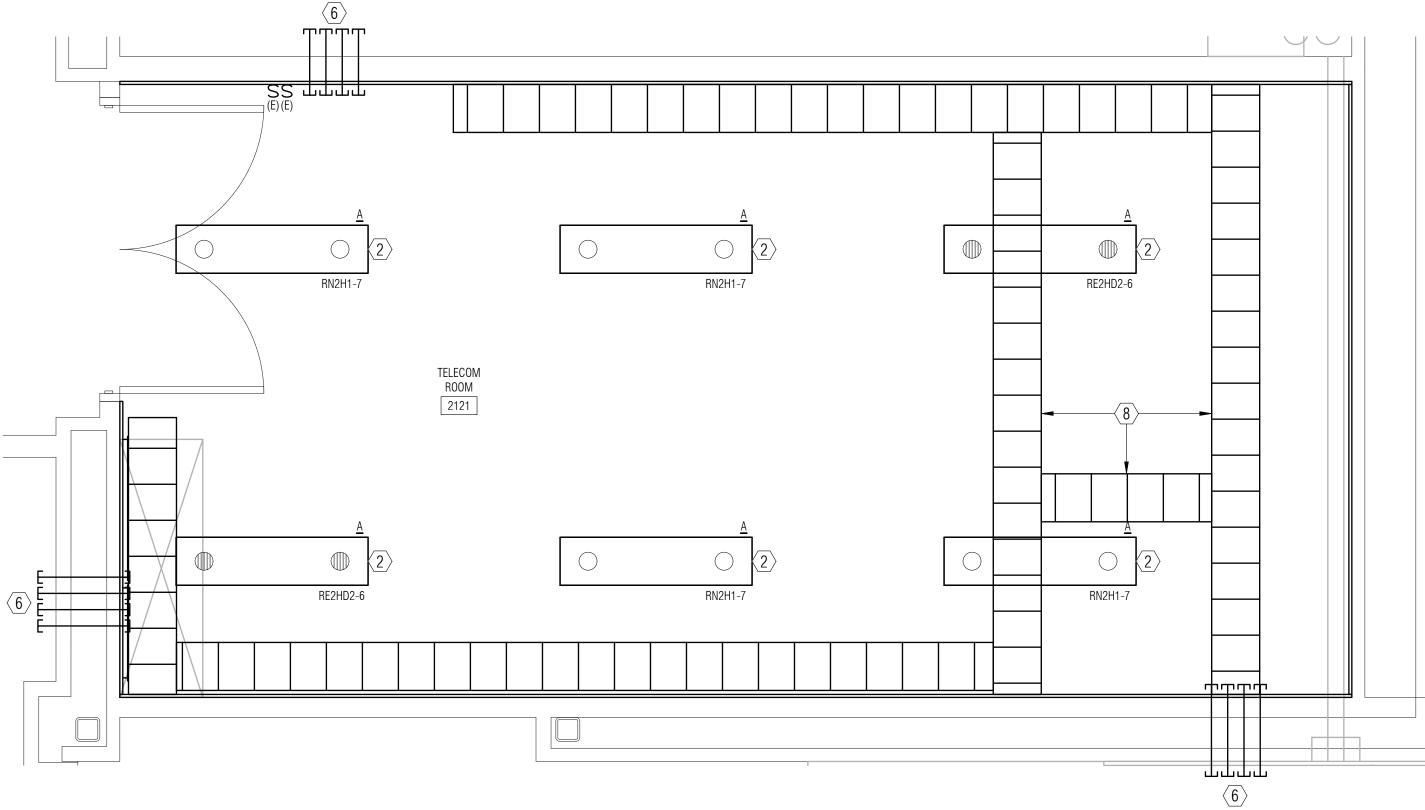
916.641.5600 916.641.1640 FAX WWW.ECOMENG.COM

JOB NO. **21-R175.00** PM. **A.D.**

DRAWN BY **ECOM**

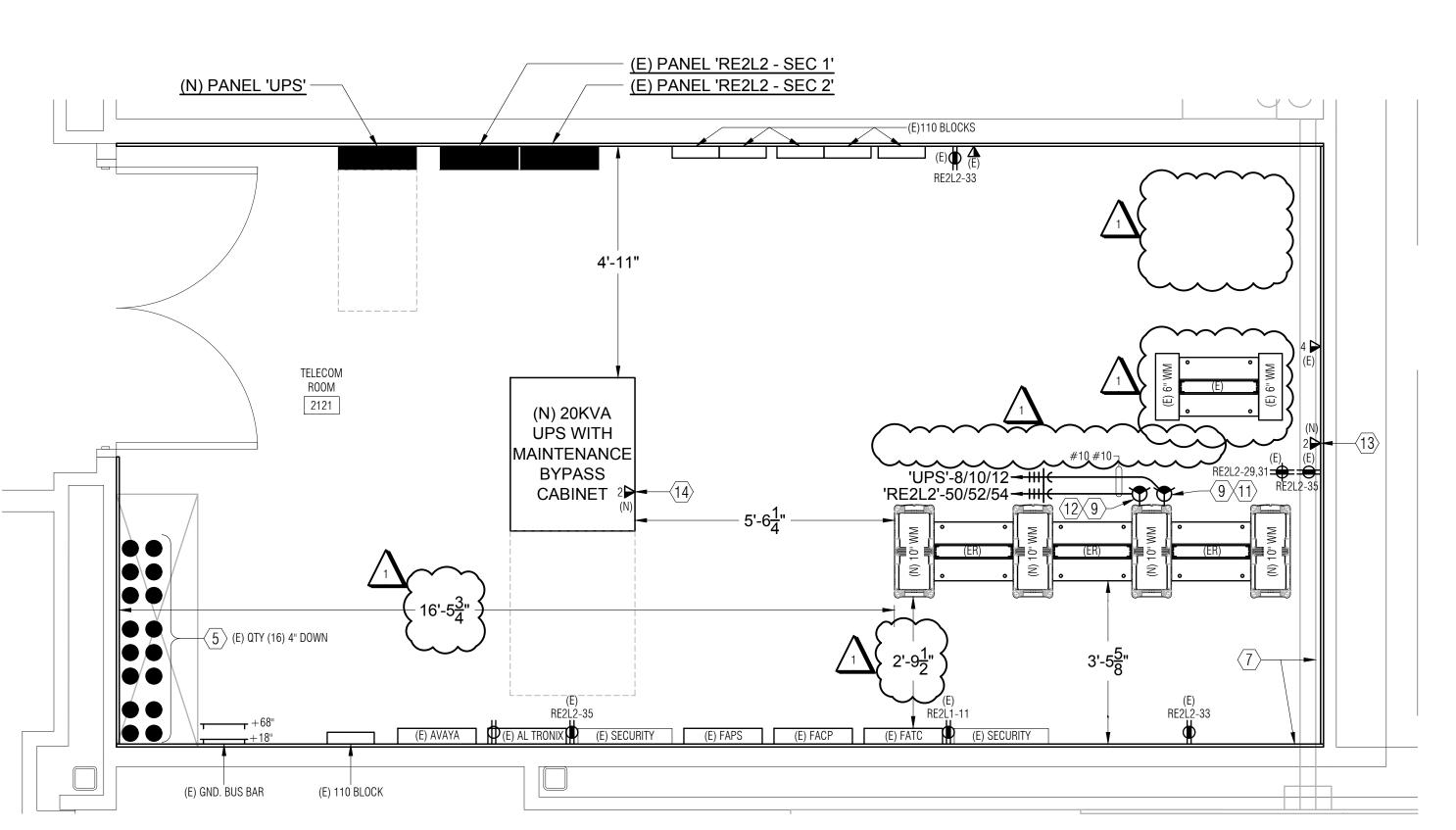
PROFESSIONAL OF RECORD:

- CONTRACTOR RESPONSIBLE FOR PROVIDING ANY TEMPORARY SUPPORT SYSTEMS OR 'FLOATING' RACK OR WALL MOUNTED EQUIPMENT BEING REPLACED IN THE SCOPE OF WORK.
- CONTRACTOR SHALL COORDINATE WITH UCDH IT TO HAVE THEM PRESENT WHEN RELOCATING **EQUIPMENT RACKS AND CABINETS HOUSING LIVE** EQUIPMENT.
- CONTRACTOR SHALL BOND ALL EXISTING, RELOCATED, AND NEW EQUIPMENT RACKS, LADDER RACKS, CABINETS, AND METALLIC RACEWAY IN THE TELECOM ROOM TO THE EXISTING TELECOM GROUND BUS BAR AS REQUIRED IN SPECIFICATION 27 05 26 AND ELECTRICAL DETAILS ON APPROVED PLANS.



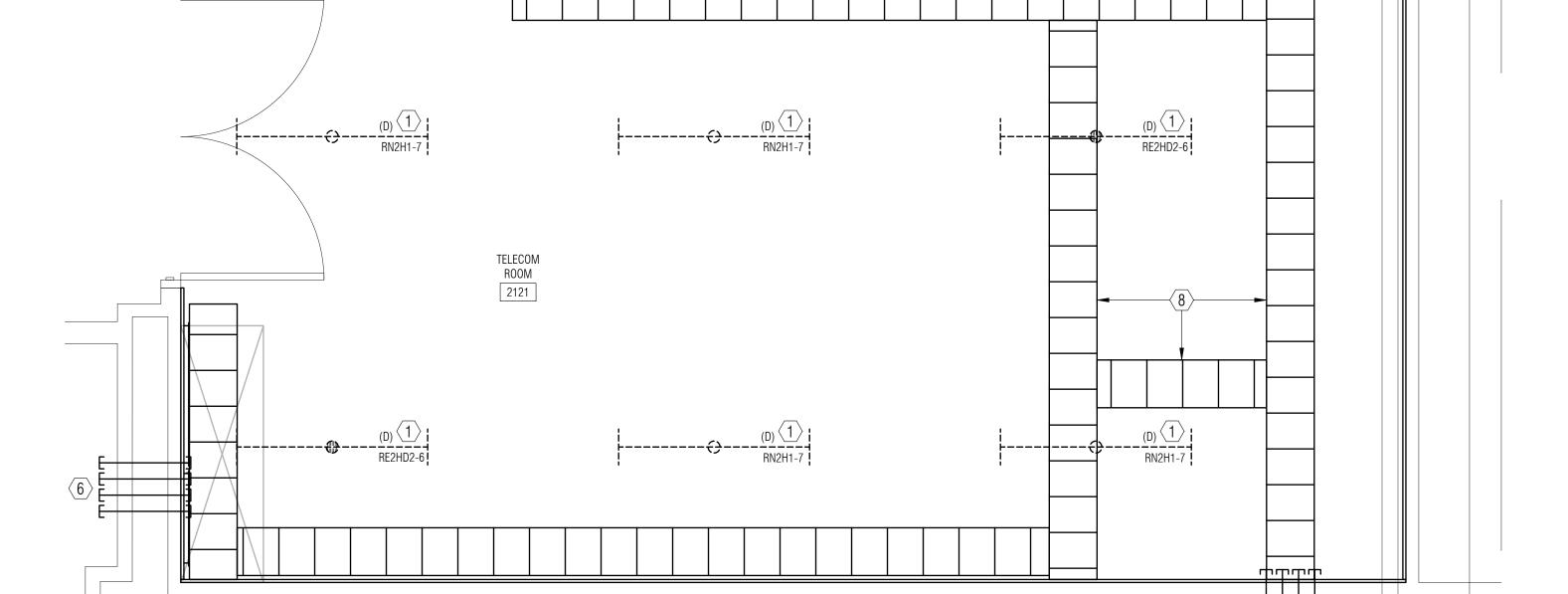
ENLARGED NEW

2 CEILING PLAN - TELECOM 2121 1/2" = 1' - 0"

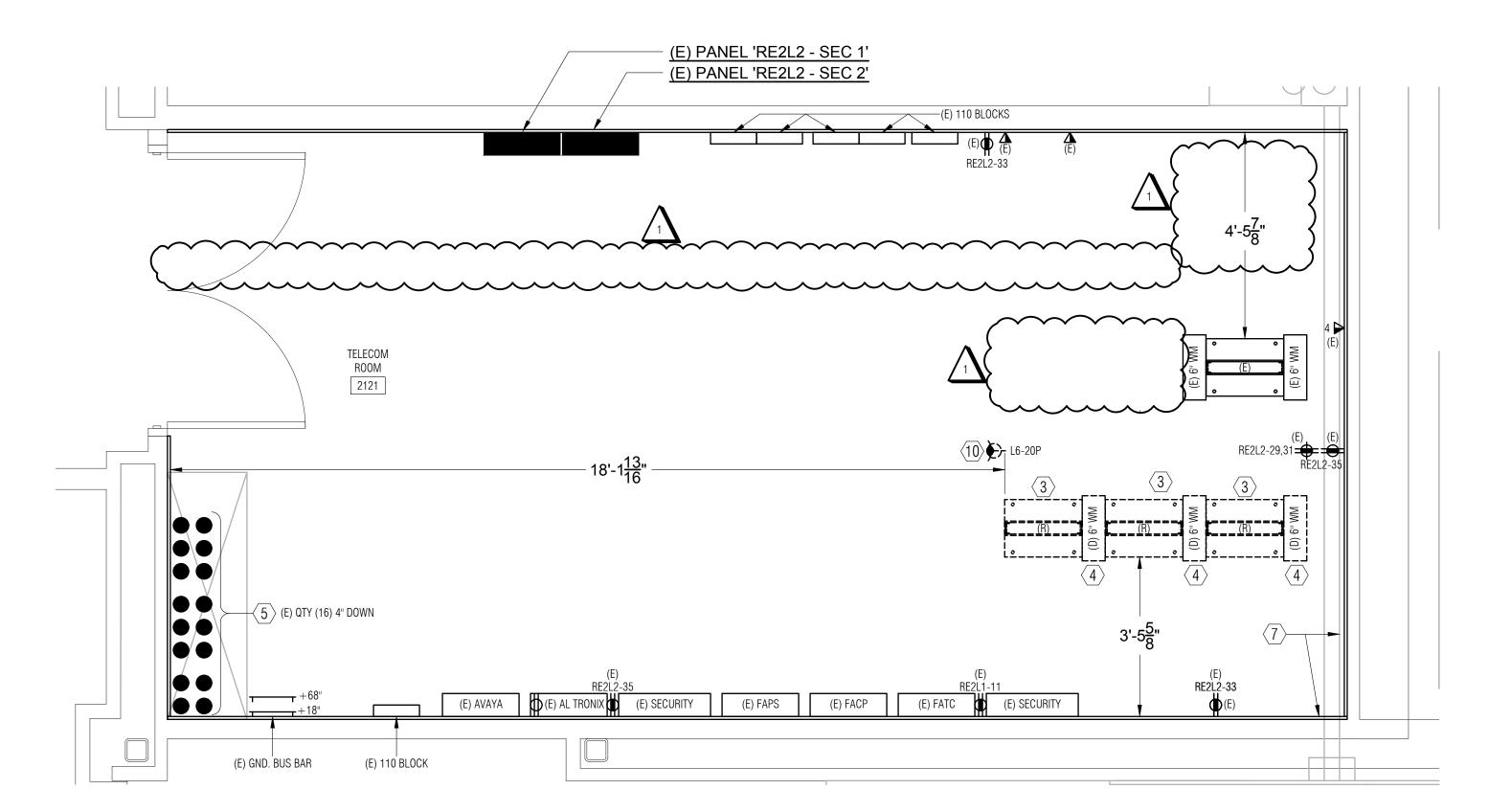


ENLARGED ELECTRICAL NEW FLOOR PLAN - TELECOM 2121

1/2" = 1' - 0"



ENLARGED DEMOLITION CEILING PLAN - TELECOM 2121



ENLARGED ELECTRICAL DEMOLITION PLAN - TELECOM 2121

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MIND IT NETWORK

BUILDING #25

MODERNIZATION

CONSTRUCTION DOCUMENTS



KEYPLAN

X Z

9558940 HGA E3.21 MICHAEL GOMEZ AS SHOWN JUNE 07, 2024 1500-164-00

NUMBERED NOTES

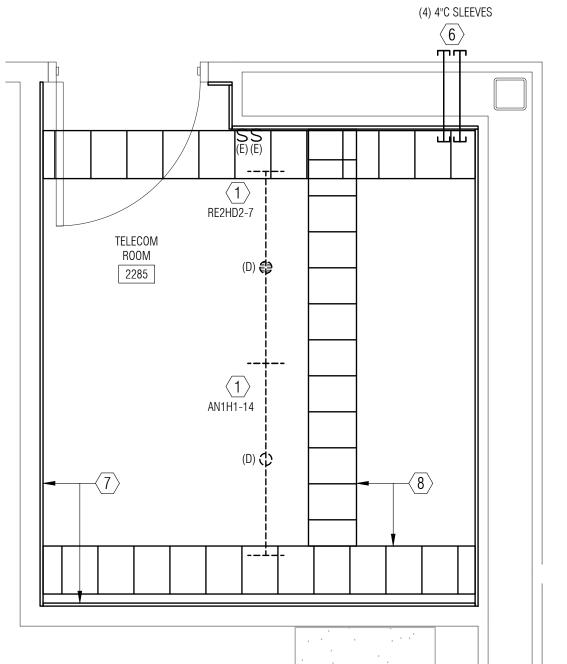
- SAFE OFF LIGHT FIXTURE CIRCUIT AND SWITCH LEG FOR RECONNECTION TO REPLACEMENT LIGHT FIXTURES.
- (2) CONNECT NEW LIGHT FIXTURE TO EXISTING CIRCUIT AND SWITCH LEG. NET LOAD REDUCTION.
- (3) UNBOLT EQUIPMENT RACKS AND RELOCATE AS SHOWN IN THE NEW ENLARGED ELECTRICAL PLANS FOR THE ROOM. REMOVE OLD ANCHOR BOLTS AND REPAIR CONCRETE AS NEEDED.
- $\langle 4 \rangle$ EXISTING VERTICAL WIRE MANAGER TO BE REMOVED. COORDINATE WITH UCDH IT FOR DISPOSAL OR RE-TASKING.
- 5 EXISTING RISER CONDUITS TO REMAIN. SEE TELECOM RISER DIAGRAM ON SHEET E4.0 FOR ADDITIONAL INFORMATION.
- (6) EXISTING CONDUIT SLEEVE(S) TO REMAIN.

NUMBERED NOTES

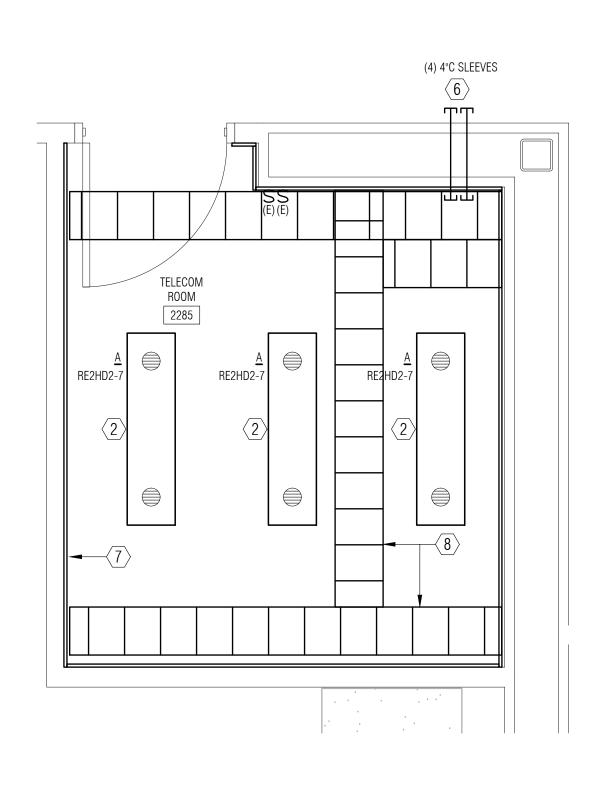
- (7) EXISTING 3/4" FIRE RATED PLYWOOD MOUNTED AROUND THE PERIMETER OF THE ROOM.
- (8) EXISTING 12" LADDER RACK TO REMAIN IN PLACE.
- 9 L21-30 RECEPTACLE SUSPENDED DIRECTLY ABOVE EQUIPMENT RACKS. SEE DETAIL 5 AND 9 ON SHEET E7.02.
- (10) RECEPTACLE IS ON 'UPS' POWER.
- (11) RECEPTACLE IS ON HOUSE POWER.

SHEET NOTES

- 1. TYPICAL UNLESS OTHERWISE NOTED, EXISTING RECEPTACLES, DEVICES, LIGHT FIXTURES, SWITCHES, ETC. SHOWN SOLID ARE EXISTING TO REMAIN. MAINTAIN CIRCUIT CONTINUITY.
- 2. TYPICAL UNLESS OTHERWISE NOTED, EXISTING RECEPTACLES, DEVICES, LIGHT FIXTURES, SWITCHES, ETC. SHOWN DASHED SHALL BE REMOVED, INCLUDING OUTLET BOX, CONDUIT AND WIRE.
- CONTRACTOR RESPONSIBLE FOR PROVIDING ANY TEMPORARY SUPPORT SYSTEMS OR 'FLOATING' RACK OR WALL MOUNTED EQUIPMENT BEING REPLACED IN THE SCOPE OF WORK.
- CONTRACTOR SHALL COORDINATE WITH UCDH IT TO HAVE THEM PRESENT WHEN RELOCATING **EQUIPMENT RACKS AND CABINETS HOUSING LIVE** EQUIPMENT.
- CONTRACTOR SHALL BOND ALL EXISTING, RELOCATED, AND NEW EQUIPMENT RACKS, LADDER RACKS, CABINETS, AND METALLIC RACEWAY IN THE TELECOM ROOM TO THE EXISTING TELECOM GROUND BUS BAR AS REQUIRED IN SPECIFICATION 27 05 26 AND ELECTRICAL DETAILS ON APPROVED PLANS.

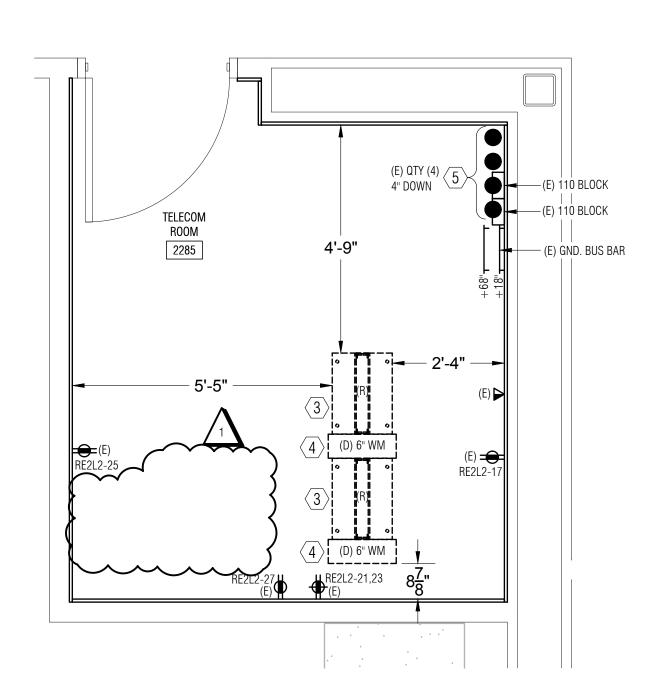


ENLARGED DEMOLITION CEILING PLAN - TELECOM 2285

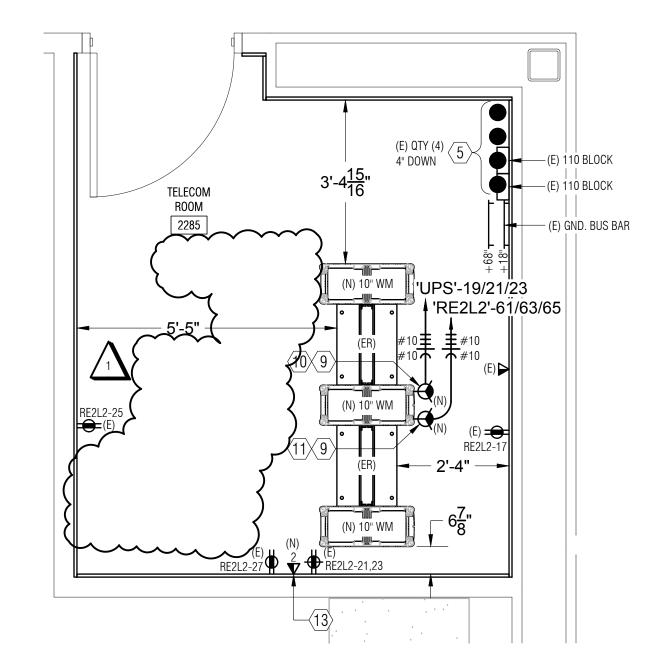


ENLARGED NEW 2 CEILING PLAN - TELECOM 2285

1/2" = 1' - 0"



ENLARGED ELECTRICAL DEMOLITION PLAN - TELECOM 2285



ENLARGED ELECTRICAL NEW FLOOR PLAN - TELECOM 2285

1/2" = 1' - 0" BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:

1455 RESPONSE ROAD, SUITE 140 SACRAMENTO, CA. 95815

916.641.1640 FAX WWW.ECOMENG.COM JOB NO. **21-R175.00** PM. **A.D.** DRAWN BY **ECOM**

916.641.5600

PROFESSIONAL OF RECORD:

UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION 4800 2nd Avenue, Suite 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

HGA

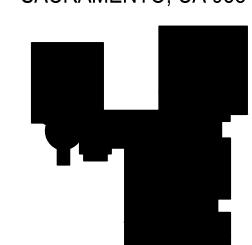
1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

REVISION DESCRIPTION BACKCHECK #1 BACKCHECK #2

CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #25**

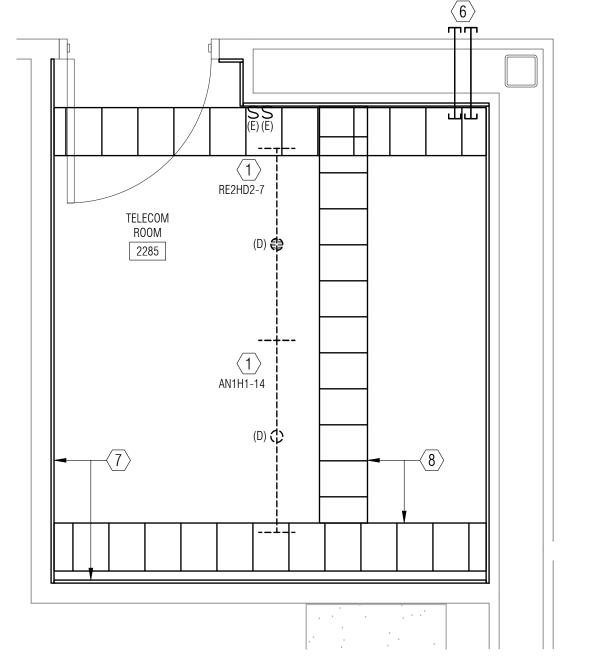
2825 50TH ST. SACRAMENTO, CA 95817



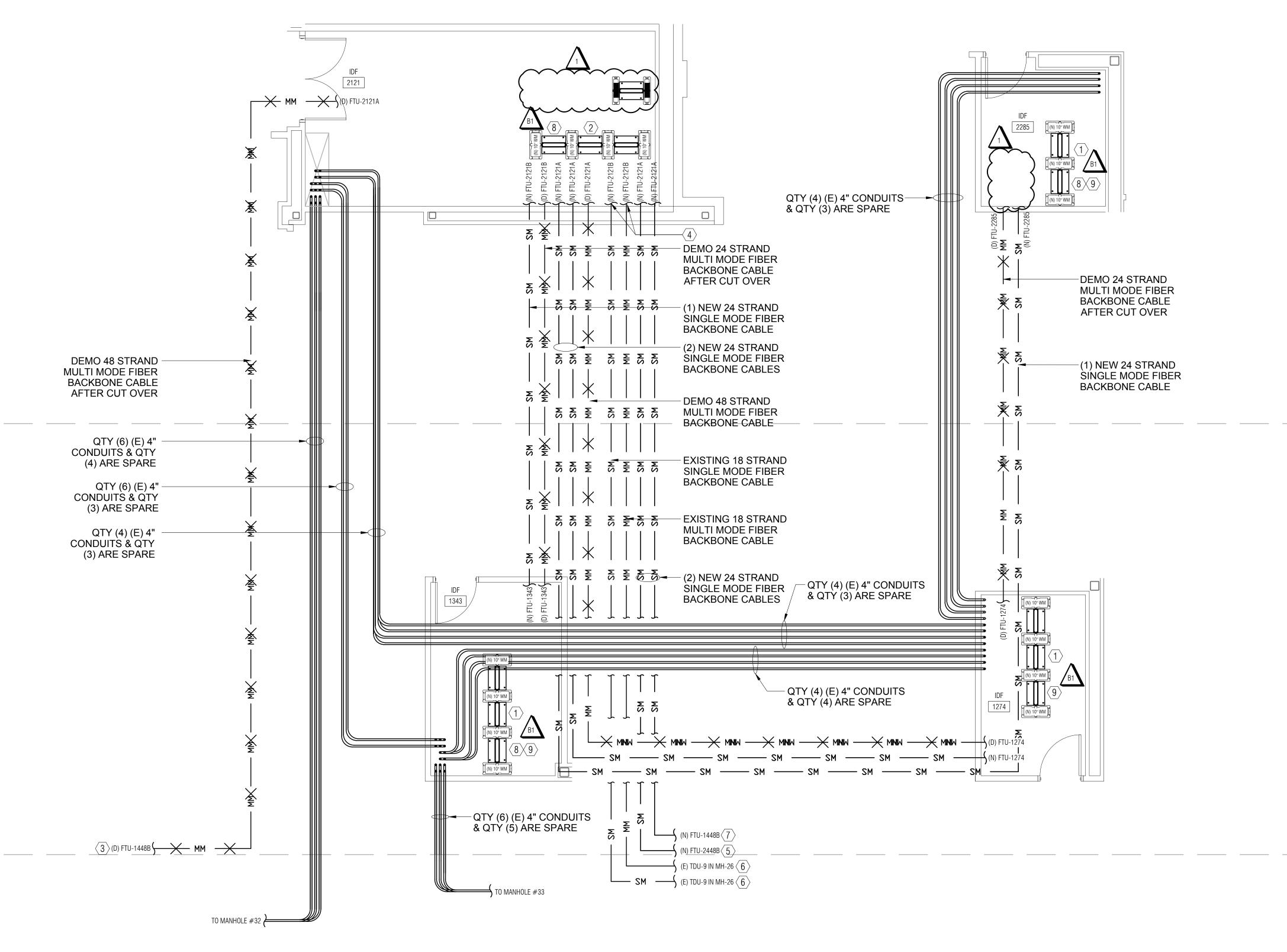
KEYPLAN

ARCH. / ENGR. 9558940 E3.22 AS SHOWN MICHAEL GOMEZ JUNE 07, 2024 HGA COMMISSION NO. 1500-164-00

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	LINE TYPE LEGEND
SYMBOL	DESCRIPTION
ММММ	(24) or (48) STRANDS MULTI-MODE FIBER OPTIC BACKBONE CABLE
-SM-SM-	(24) STRAND SINGLE-MODE FIBER OPTIC BACKBONE CABLE



SHEET NOTES

- 1. DEMOLITION OF EXISTING MULTIMODE FIBER BACKBONE RISER CABLING AND PANDUIT OPTICON FIBER SPLICE ENCLOSURES TO OCCUR AFTER COMPLETION AND CUT OVER TO NEW SINGLE MODE FIBER RISER CABLING AND FIBER TERMINATION ENCLOSURES.
- 2. UTILIZE EXISTING CONDUIT RISERS IN STACKED TELECOM ROOMS TO ROUTE RISER CABLING BETWEEN FLOORS.
- 3. EXISTING COPPER RISER CABLING TO REMAIN.
- 4. COORDINATE WITH UDCH IT ON THE REMOVAL OF MULTI-MODE FIBER RISER CABLING. SOME MAY REMAIN FOR DEVICES LIKE FIRE ALARM CONTROL PANELS.
- SEE ELECTRICAL SITE PLAN ON SHEET E1.00 FOR LOCATIONS OF MANHOLES, PULL BOXES, AND EXISTING UNDERGROUND CONDUIT BANKS.

NUMBERED NOTES

- REPLACE EXISTING QTY (1) RACK MOUNTED FIBER SPLICE ENCLOSURE WITH A NEW AFL ASCEND SERIES ENCLOSURES AND SPLICE CASSETTES.
- REPLACE EXISTING QTY (4) RACK MOUNTED FIBER SPLICE ENCLOSURES WITH A NEW AFL ASCEND SERIES ENCLOSURES AND SPLICE CASSETTES.
- FIBER TERMINATION UNIT 'FTU' LOCATED IN BUILDING 26 1ST FLOOR TELECOM ROOM 1448. SHEET E1.00 FOR ROUTING ON SITE PLAN.
- (4) COORDINATE WITH UCDH IT TO MIGRATE EXISTING CAMPUS BACKBONE FIBER CABLES FROM OLD FTU TO NEW FTU.
- NEW FIBER BACKBONE CABLING TO FOLLOW 'PATH B' ON SHEET E1.00 TO FIBER TERMINATION UNIT 'FTU' LOCATED IN IN BUILDING 26 2ND FLOOR TELECOM ROOM 2448.
- DEMOLISH EXISTING AIR BLOWN SM AND MM FIBER BACK TO SPLICE CASE IN MH-26 AFTER CUT-OVER TO NEW SM CABLE IS INSTALLED AS PART OF THIS WORK.
- NEW FIBER BACKBONE CABLING TO FOLLOW 'PATH B' ON SHEET E1.00 TO FIBER TERMINATION UNIT 'FTU' LOCATED IN IN BUILDING 26 1ST FLOOR TELECOM ROOM 1448.

PROVIDE NEW 24 PORT PATCH PANEL. SEE UCDH IT FINAL **ELEVATIONS FOR LOCATION.**

9 PROVIDE NEW 48 PORT PATCH PANEL. COORDINATE LOCATION WITH FINAL UCDH IT RACK ELEVATIONS.

SECOND FLOOR

FIRST FLOOR

BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:

1455 RESPONSE ROAD, SUITE 140 SACRAMENTO, CA. 95815 916.641.5600 916.641.1640 FAX WWW.ECOMENG.COM

JOB NO. **21-R175.00** PM. **A.D.** DRAWN BY **ECOM**

PROFESSIONAL OF RECORD:

UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION 4800 2nd Avenue, Suite 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

HGA

1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

REV	REVISION DESCRIPTION	DATE
B1	BACKCHECK #1	3/20/2024
B2	BACKCHECK #2	04/19/2024
1	ACD #1	06/07/2024

CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #25**

2825 50TH ST. SACRAMENTO, CA 95817



KEYPLAN

X Z

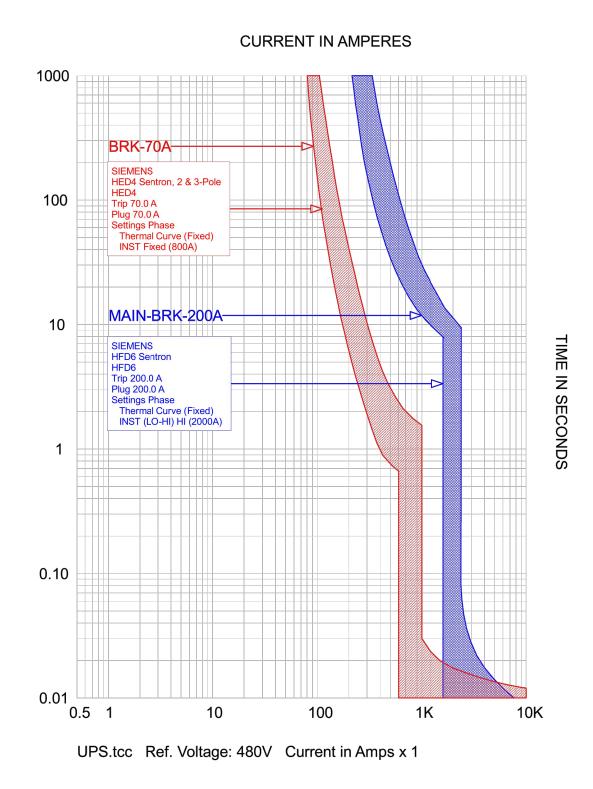
9558940 AS SHOWN

ARCH. / ENGR. E4.00 MICHAEL GOMEZ JUNE 07, 2024

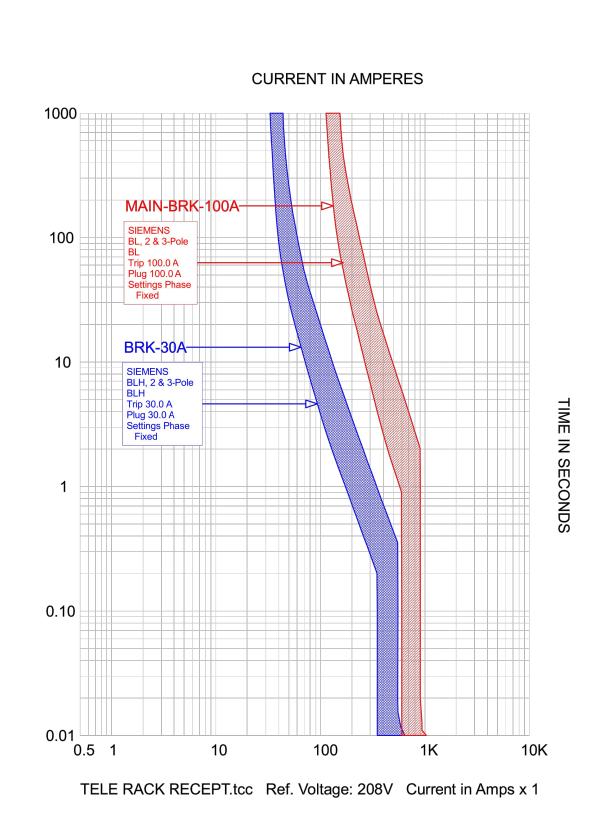
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1500-164-00

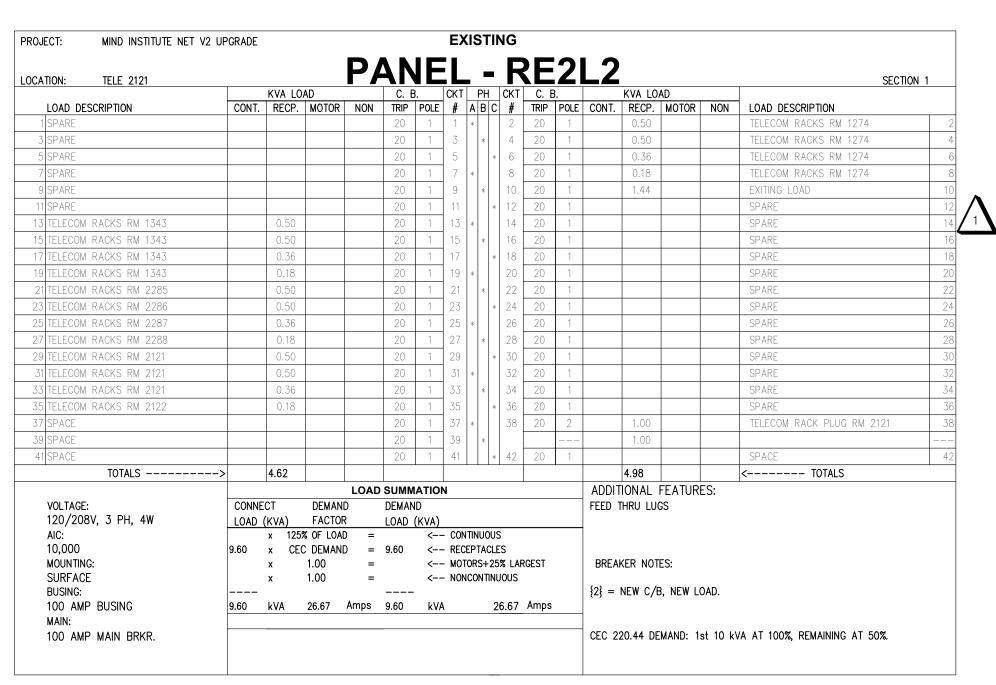
MIND INSTITUTE RESOURCE CENTER & CLINIC ACADEMY BUILDING 25 - TELECOM BACKBONE RISER DIAGRAM

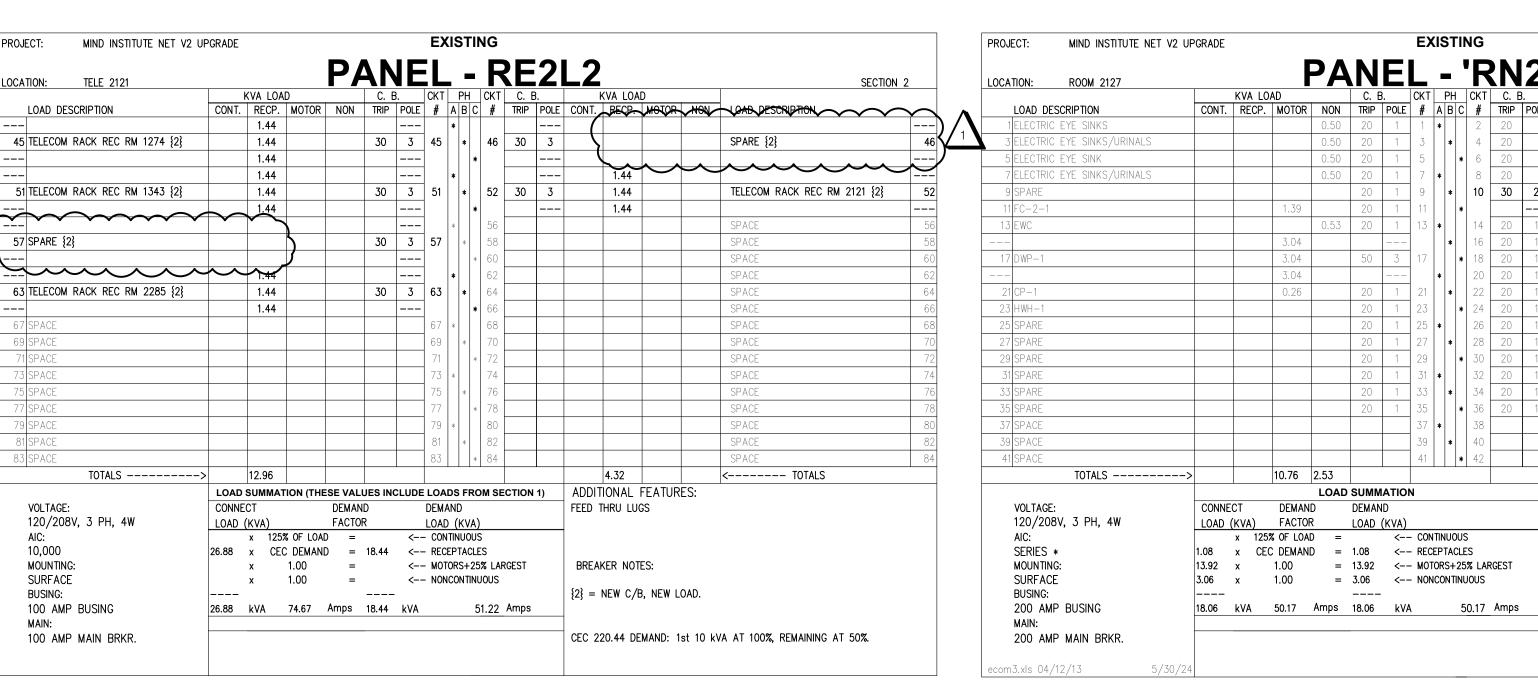


TCC - PANEL RE2HD2

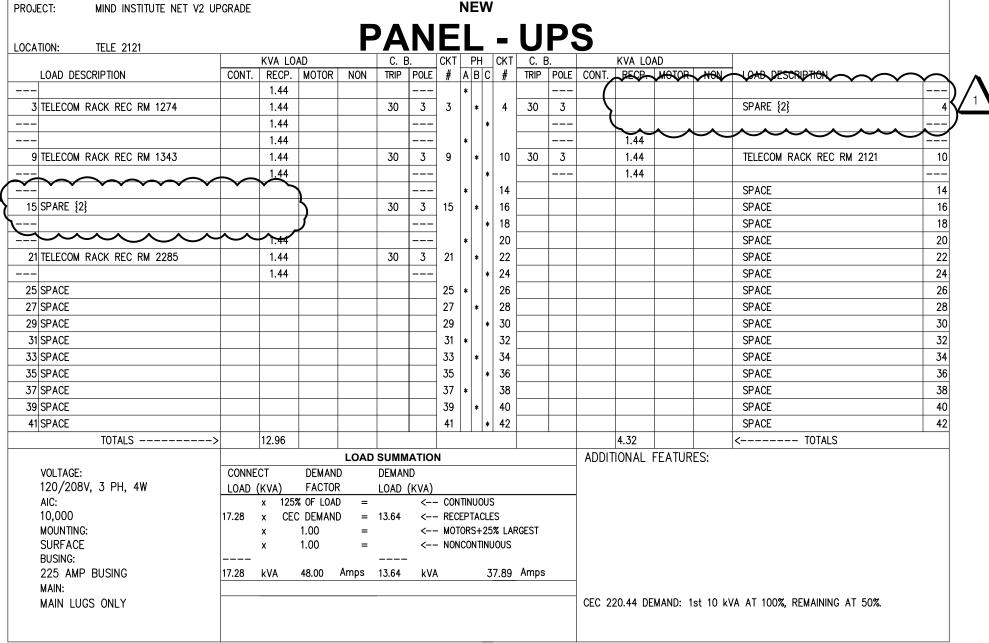


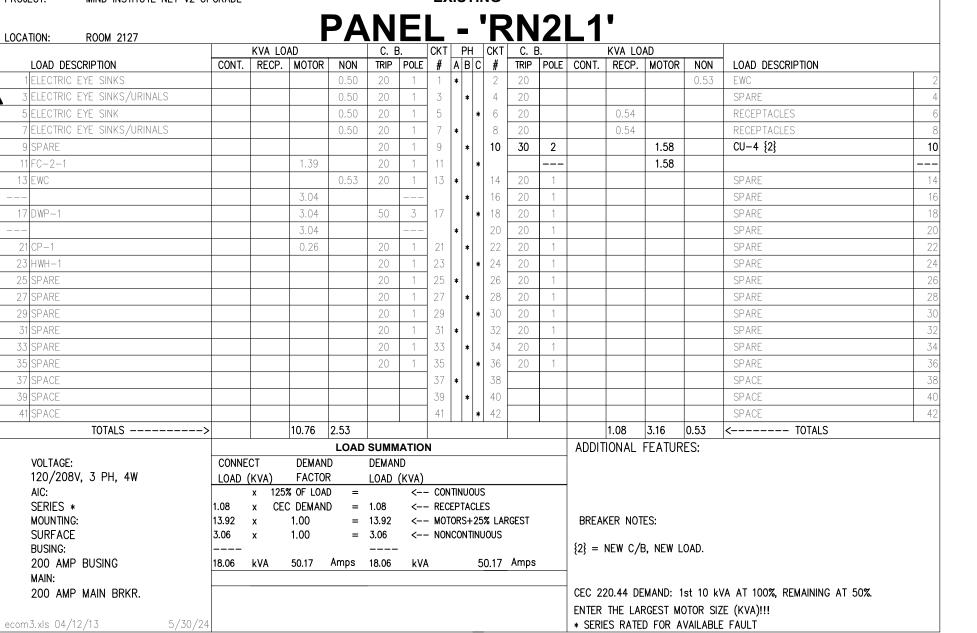
TCC - PANEL RE2L2





ROJECT: MIND INSTITUTE NE	T V2 UPGRADE						E	(IST	ΓΙΝ	IG								
OCATION: ELEC 2286				PΔ	N	Ε	L	_	T	Α	N	2	L1	U				
OCKTION. ELEC 2200		KVA LC		_	C. 1		CKT	PH	1 (CKT	C. E	3.		KVA LO				
LOAD DESCRIPTION	CONT.	RECP.	MOTOR	NON	TRIP	POLE	#	A B	С	#	TRIP	POLE	CONT.	RECP.	MOTOR	NON	LOAD DESCRIPTION	
1 RECEPTACLES		0.72			20	1	1	*		2	20	1					SPARE	
3 SPARE					20	1	3	*		4	20	1					SPARE	
5 POWERED SHADES				1.20	20	1	5		*	6	20	1				0.53	EWC	
7 POWERED SHADES				1.44	20	1	7	*		8	20	1					SPARE	
9 POWERED SHADES				0.96	20	1	9	*		10	20	1				1.56	COPY MACHINE	
11 RECEPTACLES-AHU		0.72			20	1	11		*	12	20	1				1.56	COPY MACHINE	
13 LIGHTING-AHU	0.60				20	1	13	*		14	20	1				1.56	COPY MACHINE	
15 RECEPTACLES—AHU		0.72			20	1	15	*		16	20	1				1.56	COPY MACHINE	
17 LIGHTING-AHU	0.60				20	1	17		*	18	20	1				1.56	COPY MACHINE	
19 SPARE					20	1	19	*		20	20	1				1.56	COPY MACHINE	
21 SPARE					20	1	21	*		22	20	1				0.60	MICROWAVE	
23 CU-3 {2}			1.58		30	2	23			24	20	1				1.20	REFRIGERATOR	
			1.58			 		*		26	20	1				1.80	COFFEE MAKER	
27 CU-2 {2}			1.58		30	2	27	*		28	20	1					SPARE	
			1.58							30	20	1					SPARE	
31 CU-1 {2}			1.58		30	2	31	*		32	20	1					SPARE	
			1.58					*		34	20	1					SPARE	
35 RECEPTACLES-ROOF		0.18			20	1	35		*	36	20	1					SPARE	
37 SPACE							37	*		38							SPACE	
39 SPACE							39	*		40							SPACE	
41 SPACE							41		*	42							SPACE	
TOTALS	> 1.20	2.34	9.48	3.60								•				13.49	< TOTALS	
	LOAD SUMMATION										ADDITIONAL FEATURES:							
VOLTAGE:	CONNE	CT.	DEMAN	D	DEMAN	ND O							†					
120/208V, 3 PH, 4W	LOAD	(KVA)	FACTO	₹	LOAD													
AIC:			% OF LOA		1.50			TINUC										
10,000			C DEMAN		2.34			EPTA										
MOUNTING:	9.48		1.00		10.27						GEST		BREA	KER NOT	ES:			
SURFACE BUSING:	17.09	X	1.00	=	17.09		- NUI	CONT	IINUC	JU5			{2} =	NEW C/	B, NEW L	OAD		
200 AMP BUSING		kVA	83.63	Amps			4		86	.65	Amps		(-) –	.,_,, 0/1	, 11L11 L	JAD.		
MAIN:	30	.,,,,	20.30	···F-	520	15.47	•		30.									
200 AMP MAIN BRKR.													CEC 2	20 44 DE	MAND. 1	et 10 L/	/A AT 100%, REMAINING AT 50%.	





PANEL SCHEDULE NOTES

- 1. ALL CIRCUITS INDICATED "LIGHT" ON PANEL SCHEDULES ARE EXISTING TO REMAIN AND HAVE NOT BEEN MODIFIED AS PART OF THIS PROJECT.
- 2. ALL CIRCUITS INDICATED "BOLD" ON PANEL SCHEDULES HAVE BEEN MODIFIED, ALTERED, OR NEW AS PART OF THIS PROJECT.

BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:



PROFESSIONAL OF RECORD:

HEALTH

FACILITIES DESIGN & CONSTRUCTION 4800 2ND AVENUE, SUITE 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

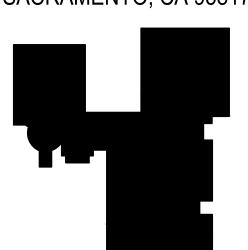
1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

ONOCIANI ECC.								
REV	REVISION DESCRIPTION	DATE						
B1	B1 BACKCHECK #1							
B2	B2 BACKCHECK #2							
1	ACD #1	06/07/2024						

CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #25**

2825 50TH ST. SACRAMENTO, CA 95817

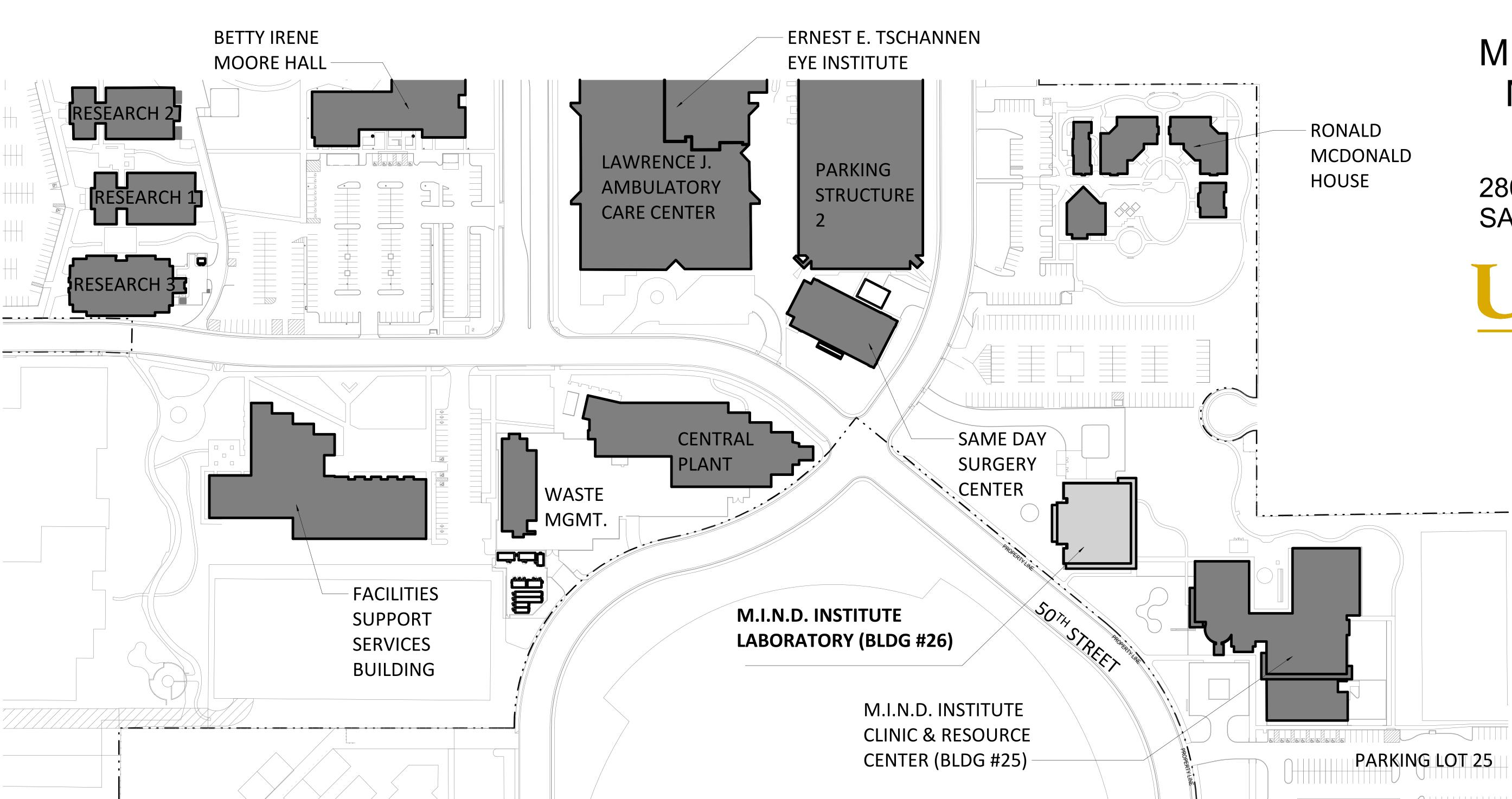


KEYPLAN

9558940 E6.00 MICHAEL GOMEZ AS SHOWN JUNE 07, 2024

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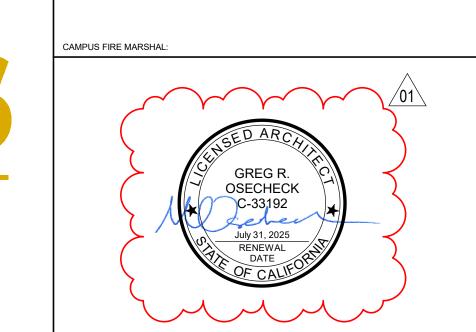
1500-164-00



MIND IT NETWORK MODERNIZATION BUILDING #26

2805 50TH STREET, SACRAMENTO, CA 95817

HEALTH



1200 R STREET, SUITE 100 SACRAMENTO, CALIFORNIA 95811 TELEPHONE: 916.787.5100

STRUCTURAL ENGINEER

1200 R Street, Suite 100 Sacramento, CA 95811 916.787.5100

MECHANICAL ENGINEER

R&A Engineering Solutions, Inc. 1111 Howe Ave, Suite 655 Sacramento, CA 95825 916.920.5965

ELECTRICAL ENGINEER

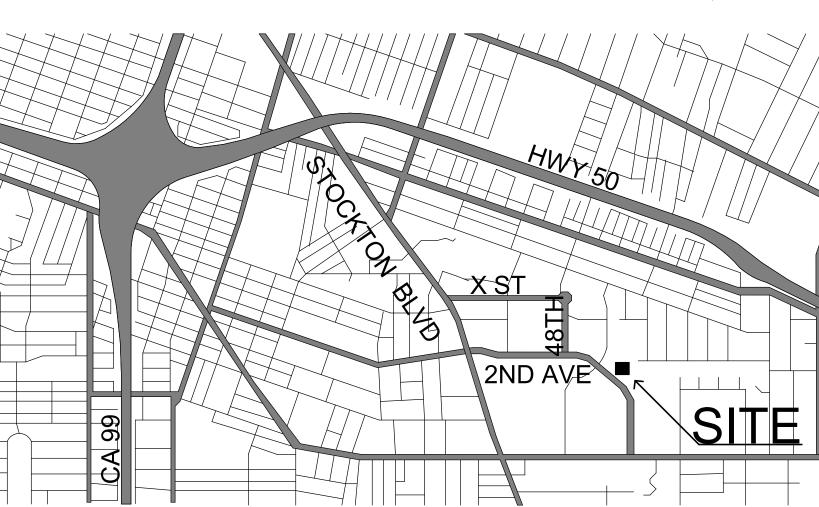
ECOM

1455 Reponse Road, Suite 140 Sacramento, CA 95815 916.641.1640

HGA COMMISSION NUMBER: 1500-164-00

JUNE, 07 2024

MAP: 2805 50TH ST, SACRAMENTO, CA 95817



PROJECT NO. 9558940

THIS ISSUE	ISSUED FOR	DATE
	100% CD PLAN REVIEW	01/05/2024
\triangle NO	REVISION DESCRIPTION	DATE
B1	BACKCHECK #1	03/20/2024
01	ACD #01	06/07/2024

CONTACT INFORMATION

1	OWNER: UC DAVIS CONTACT: MICHAEL COMEZ	PHONE: (916) 707-3632 EMAIL: MHGOMEZ@UCDAVIS,EDU
(ARCHITECT: HAMMEL, GREEN AND ABRAHAMSON CONTACT: GREG OSECHECK	PHONE: (916) 787-5127 EMAIL: GOSECHECK@HGA.COM
	ELECTRICAL: ECOMENGINEERING CONTACT: ERIC JOHNSON	PHONE: (916) 641-5600 EMAIL: ECJ@ECOMENG.COM
	MECHANICAL: R&A ENGINEERING SOLUTIONS, INC. CONTACT: ANDREW JONES	PHONE: (916) 920-5965 EMAIL: ANDYJ@RASOLUTIONS.COM
	STRUCTURAL: HAMMEL, GREEN AND ABRAHAMSON CONTACT: BRENT FORSLIN	PHONE: (916) 787-5120 EMAIL: BFORSLIN@HGA.COM

PROJECT INFORMATION

PROJECT DESCRIPTION: NET V2 IT INFRASTRUCTURE UPGRADE IN THE M.I.N.D. INSTITUTION INSTALLATION AND ASSOCIATED PIPING ARE ALSO INCLUDED AS PART OF THIS PROJECT. ANY NEW WORK WILL ADHERE TO THE STANDARDS OF THE BUILDINGS ORIGINAL CONSTRUCTION

PROJECT ADDRESS:	BUILT
M.I.N.D. INSTITUTE LABORATORY (BLDG #26)	200
2805 50TH STREET	
SACRAMENTO, CA 95817	
CONSTRUCTION TYPE:	SEISMIC ZONE
TYPE II-A	ZONE
NO. OF STORIES:	BUILDING HEIGHT
2 STORIES	2 STORIES + PENTHOUSE (45'-2'
FIRE PROTECTION:	
FULLY FIRE ALARMED (EXISTING)	

FULLY SPRINKLED (EXISTING)	
OCCUPANCY:	PROJECT OCCUPANCY:
H-4	ACCESSORY, GROUP S-2
BUILDING AREA:	PROJECT FLOOR AREA:
1ST FLOOR: 13,345 S.F.	1ST FLOOR: 122 S.F.

TOTAL NET BUILDING AREA :	TOTAL PROJECT AREA :

2ND FLOOR: 104 S.F.

226 S.F.

30,890 S.F. **EXISTING CONDITIONS:**

2ND FLOOR: 13,645 S.F.

(PENTHOUSE: 3,600 S.F.)

AS-BUILT CONDITIONS OF THIS BUILDING HAVE NOT BEEN VERIFIED. CONTRACTOR SHALL DETERMINE EXACT LOCATIONS OF NEW WORK AND EQUIPMENT PER EXISTING CONDITIONS. ALL DIMENSIONS SHOWN ON DRAWINGS SHALL BE VERIFIED IN FIELD BEFORE WORK IS COMPLETE.

CODE INFORMATION
2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)
PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2022 CALIFORNIA BUILDING CODE (CBC):
PART 2, TITLE 24, CCR; BASED ON THE 2021 INTERNATIONAL BUILDING CODE (
2022 CALIFORNIA ELECTRICAL CODE (CEC):
PART 3, TITLE 24, CCR; BASED ON THE 2017 NATIONAL ELECTRICAL CODE (NE
2022 CALIFORNIA MECHANICAL CODE (CMC):
PART 4, TITLE 24, CCR;BASED ON THE 2021 UNIFORM MECHANICAL CODE (UM
2022 CALIFORNIA PLUMBING CODE:
PART 5, TITLE 24, CCR; BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC)
2022 CALIFORNIA FIRE CODE(CFC):
PART 9, TITLE 24, CCR, BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC)
2022 CALIFORNIA EXISTING BULDING CODE (CEBC):

2022 CALIFORNIA PLUMBING CODE:
PART 5, TITLE 24, CCR; BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC)
2022 CALIFORNIA FIRE CODE(CFC):
PART 9, TITLE 24, CCR, BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC)
2022 CALIFORNIA EXISTING BULDING CODE (CEBC):
PART 10, TITLE 24, CCR; BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBO
AND CA AMENDMENTS
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE:

2022 CALIFORNIA REFERENCE STANDARDS CODE(CFC):
PART 12, TITLE 24, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
CALIFORNIA CODE OF REGULATIONS:
PART 19, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

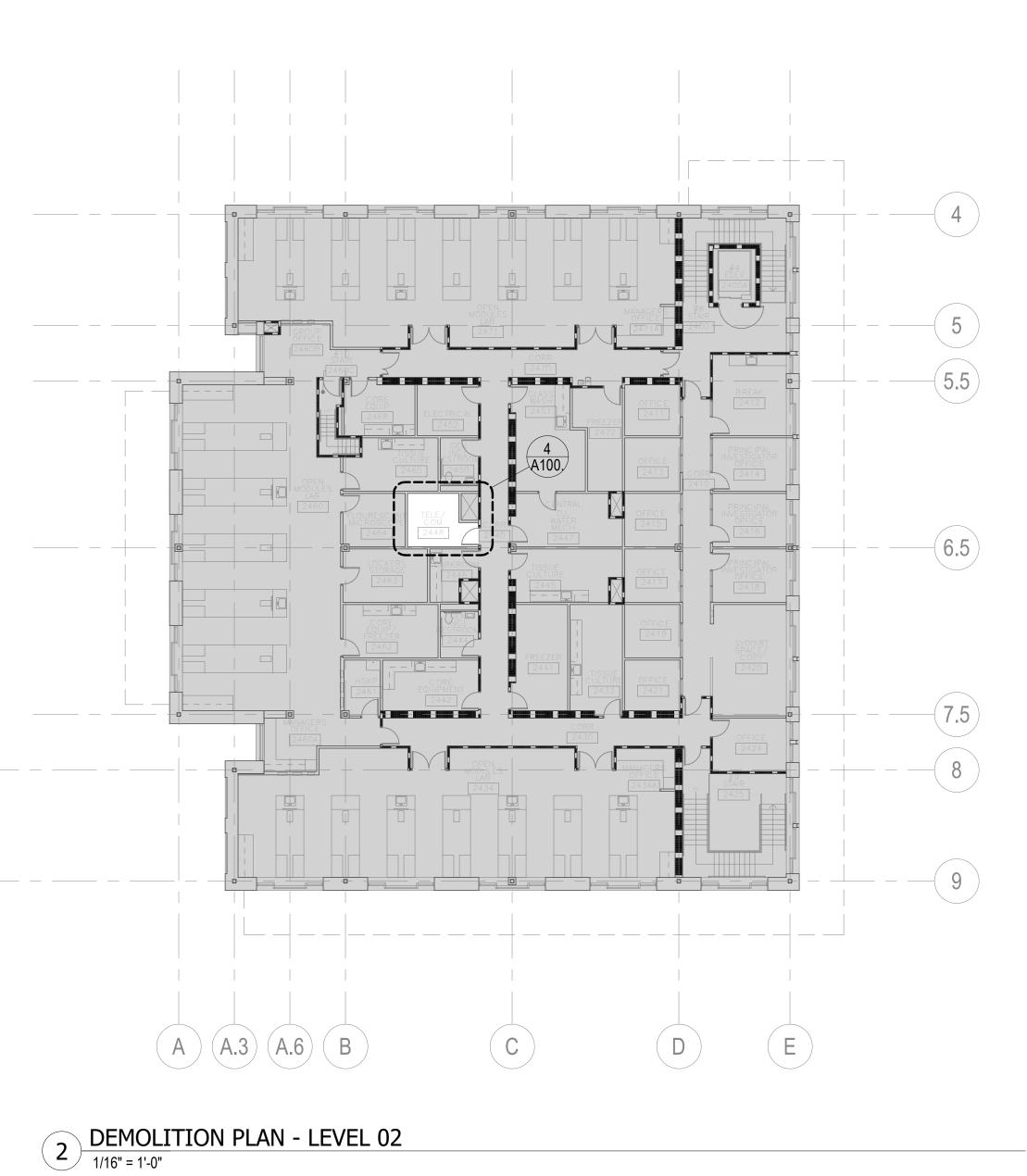
PART 11, TITLE 24, CCR

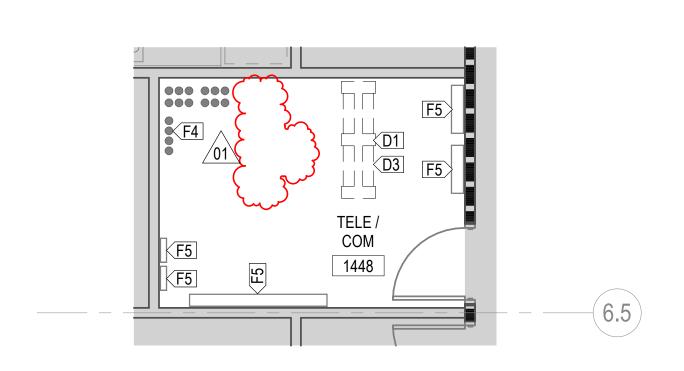
LIFE SAFETY CODE:
2012 NFPA 101 LIFE SAFETY CODE
ACCESSIBILITY CODE:
CHAPTER 11/11B, 2022 CBC AND 2010 ADA (28 CFR PART 36)
ENERGY CODE:
2022 CALIFORNIA ENERGY CODE - PART 6, TITLE 24, CCR

2022 CALIFORNIA LINERGT CODE - FART 0, TITLE 24, CCR	_
N CODE:	
N OODE.	
AMERICANS WITH DISABILITIES ACT (ADA), CBC (TITLE 24), & UFC (TITLE 19)	
WERROTHE WITH BIOTBIETHEOTION (TIDIN), OBO (THEE 24), & OF O (THEE 13)	_

	DF	RAWING INDEX
REV #	NUMBER	SHEET NAME
1-GEI	NERAL	
01	G000	COVERSHEET - MIND LABORATORY
	G012	POST INSTALLED ANCHOR GENERAL NOTES AND GENERAL DETAILS
	G030	LIFE SAFETY PLANS
	G040	CALIFORNIA GREEN BUILDING STANDARDS CODE
	G041	CALIFORNIA GREEN BUILDING STANDARDS CODE
	G042	CALIFORNIA GREEN BUILDING STANDARDS CODE
8-AR	CHITECTURAL	
	A010	GENERAL NOTES AND SYMBOLS
	A020	ARCHITECTURAL SITE PLAN
01	A100	OVERALL DEMOLITION PLANS
01	A200	OVERALL FLOOR PLANS
01	A201	ENLARGED FLOOR PLANS
	A665.	TYPICAL ROOF DETAILS
9-ME	CHANICAL	
	MP001	MECHANICAL LEGEND, NOTES AND SHEET INDEX
B1	MP002	MECHANICAL SCHEDULES & CONTROLS
	MP003	TITLE 24 DOCUMENTATION
B1	MP201	OVERALL AND ENLARGED FIRST FLOOR MECHANICAL PLANS
B1	MP202	OVERALL AND ENLARGED SECOND FLOOR MECHANICAL PLANS
	MP203	OVERALL AND ENLARGED MECHANICAL ROOF PLANS
B1	MP601	MECHANICAL DETAILS
	MP602	MECHANICAL DETAILS
	MP603	MECHANICAL DETAILS

10-ELECTRICAL E0.01 SYMBOL LEGEND AND DRAWING INE E0.02 NOTES E0.03 SCHEDULES E0.04 TITLE 24 COMPLIANCE FORMS E1.00 SITE PLAN - ELECTRICAL E1.01 OVERALL 1ST FLOOR PLAN - ELECTRICAL E1.02 OVERALL 2ND FLOOR PLAN - ELECTRICAL O1 E3.11 ENLARGED 1ST FLOOR PLANS - ELECTRICAL 01 E3.12 ENLARGED 2ND FLOOR PLANS - ELECTRICAL 01 E4.01 TELECOM BACKBONE RISER DIAGRA B1 E5.00 ONE LINE DIAGRAM 01 E6.00 PANEL SCHEDULES E7.01 ELECTRICAL / TELECOM DETAILS E7.02 ELECTRICAL / TELECOM DETAILS	SHEET NAME	NUMBER
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E0.04 TITLE 24 COMPLIANCE FORMS E1.00 SITE PLAN - ELECTRICAL E1.01 OVERALL 1ST FLOOR PLAN - ELECTRICAL E1.02 OVERALL 2ND FLOOR PLAN - ELECTRICAL OVERALL ROOF PLAN - ELECTRICAL OVERALL RO		
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E7.01 ELECTRICAL / TELECOM DETAILS E7.02 ELECTRICAL / TELECOM DETAILS	ONE LINE DIAGRAM	E5.00
E7.02 ELECTRICAL / TELECOM DETAILS	PANEL SCHEDULES	E6.00
	ELECTRICAL / TELECOM DETAILS	E7.01
E7.03 ELECTRICAL / TELECOM DETAILS	ELECTRICAL / TELECOM DETAILS	E7.02
	ELECTRICAL / TELECOM DETAILS	E7.03
E7.04 ELECTRICAL / TELECOM DETAILS	ELECTRICAL / TELECOM DETAILS	E7.04
E7.05 ELECTRICAL / TELECOM DETAILS	ELECTRICAL / TELECOM DETAILS	E7.05
E7.06 ELECTRICAL / TELECOM DETAILS	ELECTRICAL / TELECOM DETAILS	E7.06
B1 E7.07 ELECTRICAL / TELECOM DETAILS	ELECTRICAL / TELECOM DETAILS	E7.07

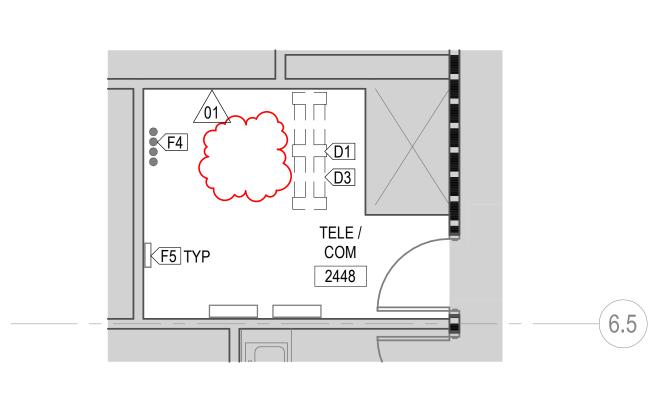




3 DEMOLITION PLAN - TELECOM 1448

1/4" = 1'-0"

DEMOLITION PLAN - LEVEL 01
1/16" = 1'-0"



4 DEMOLITION PLAN - TELECOM 2448

1/4" = 1'-0"

GENERAL NOTES - DEMOLITION PLAN

- A. COORDINATE EXTENT OF DEMOLITION WITH REQUIREMENTS FOR NEW WORK. B. REMOVE EXISTING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, FLOOR FINISHES, WALLS, CEILINGS, WALL BASE, AND OTHER EXISTING CONSTRUCTION AS INDICATED OR REQUIRED FOR NEW WORK, UNLESS NOTED OTHERWISE.
 - C. REMOVE PARTITIONS COMPLETELY TO UNDERSIDE OF STRUCTURAL COMPONENTS ABOVE AND TO TOP OF FLOOR STRUCTURAL COMPONENTS AT BASE. DO NOT LEAVE SECTIONS OR MATERIALS OF WALL ASSEMBLIES IN PLACE.
 - D. AT SIDES OF WALLS, THAT ABUT WALLS TO REMAIN, CUT BACK AT LEAST 1 INCH (25 MM) BEYOND FACE OF FINISH OF WALL TO REMAIN TO FACILITATE SUBSEQUENT PATCHING AND
 - NEW CONSTRUCTION. E. COMPLETELY REMOVE FINISHES, SUBBASE MATERIALS AND STRUCTURAL FRAMING
 - MATERIALS TO LINES INDICATED OR REQUIRED FOR NEW WORK. F. EXISTING UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS ARE TO REMAIN,
 - UNLESS INDICATED OTHERWISE. G. RELOCATE EXISTING WORK SERVING OCCUPIED PORTIONS OF THE BUILDING AS REQUIRED
 - TO MAINTAIN SERVICE TO OCCUPIED AREAS AND TO ACCOMMODATE NEW WORK. H. REMOVE AND CAP PORTIONS OF EXISTING UTILITIES INDICATED TO BE DEMOLISHED AS REQUIRED TO ACCOMMODATE NEW WORK, INCLUDING SURFACE-MOUNTED ELECTRICAL

CONDUIT, DEVICES AND LIGHT FIXTURES; RADIATORS, RADIATOR COVERS; PLUMBING

- FIXTURES AND ASSOCIATED PIPING. REMOVE CEILINGS INDICATED TO BE DEMOLISHED INCLUDING INTEGRAL HANGERS, SUPPORTS, ANCHORS AND MATERIALS OR ASSEMBLIES ATTACHED TO CEILING
- CONSTRUCTION. J. REMOVE SUSPENDED CEILINGS TO UNDERSIDE OF STRUCTURE OR ORIGINAL PLASTER OR
- GYPSUM BOARD CEILING SURFACES. K. MAINTAIN EGRESS FROM EXISTING OCCUPIED SPACES AND SURROUNDING BUILDING AREAS AS INDICATED AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION. MAINTAIN EGRESS FROM EXISTING OCCUPIED SPACES AND SURROUNDING BUILDING AREAS AS INDICATED AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- L. PROVIDE AND MAINTAIN FIRE EXTINGUISHERS IN AREA OF WORK, IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- M. COORDINATE UTILITY INTERRUPTIONS WITH OWNER. PROVIDE AT LEAST 48 HOURS WRITTEN NOTICE TO OWNER BEFORE UTILITY INTERRUPTIONS OBTAIN OWNER'S WRITTEN APPROVAL
- OF INTERRUPTIONS BEFORE PROCEEDING. N. COORDINATE OPERATIONS THAT MAY RESULT IN HIGH LEVELS OF NOISE AND VIBRATION, ODORS, OR OTHER DISRUPTIONS TO OCCUPANCY WITH OWNER. OBTAIN OWNER'S WRITTEN PERMISSION BEFORE PROCEEDING.
- O. PROVIDE TEMPORARY BARRIERS AND ENCLOSURES AS REQUIRED TO PROTECT MATERIALS AND PEOPLE. PREVENT DUST, FUMES, AND ODORS FROM ENTERING OCCUPIED AREAS. MAINTAIN AND RELOCATE TEMPORARY BARRIERS AND ENCLOSURES AS REQUIRED BY THE PROGRESS OF THE WORK. REMOVE TEMPORARY BARRIERS AND ENCLOSURES AT
- P. PRIOR TO STARTING DEMOLITION, VERIFY EXISTING CONDITIONS AND DIMENSIONS. COORDINATE EXTENT OF DEMOLITION WORK AND EXISTING CONSTRUCTION TO REMAIN WITH NEW WORK. NOTIFY ARCHITECT OF CONFLICTS OR DISCREPANCIES.
- Q. REFER TO DISCIPLINE-SPECIFIC DRAWINGS FOR RELATED FIRE SUPPRESSION, PLUMBING, HEATING VENTILATION AND AIR CONDITIONING, ELECTRICAL, COMMUNICATIONS, AND ELECTRONIC SAFETY AND SECURITY SYSTEM DEMOLITION WORK.

COMPLETION OF WORK.

DEMOLITION LEGEND

SEE G010 FOR ALL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS

	· · · · · · · · · · · · · · · · · · ·
(E) CONSTRUCTION TO REMAIN	
(E) ONE HOUR RATED	
(E) TWO HOUR RATED	
(E) CONSTRUCTION TO BE REMOVED	=======
DOOR TO BE DEMOLISHED	
AREA OF WORK	

KEYNOTES

		KLTNOTES
•	#	DESCRIPTION
	D1	DEMO WORK PER ELECTRICAL; REFER TO ELECTRICAL DRAWINGS
	D3	RELOCATE EXISTING EQUIPMENT PER ELECTRICAL
	F4	EXISTING CONDUIT SLEEVES - SEE ELECTRICAL DRAWINGS
	F5	EXISTING EQUIPMENT - SEE ELECTRICAL DRAWINGS

EXISTING AREA, NOT IN CONTRACT BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:



HEALTH

FACILITIES DESIGN & CONSTRUCTION 4800 2nd Avenue, Suite 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

1200 R Street, Suite 100

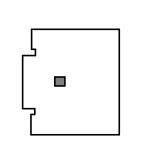
Sacramento, California 95811 Telephone 916.787.5100

REV	REVISION DESCRIPTION	DATE
01	ACD #1	6/07/2024
		· ·

CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #26**

2805 50TH ST. SACRAMENTO, CA 95817



KEYPLAN

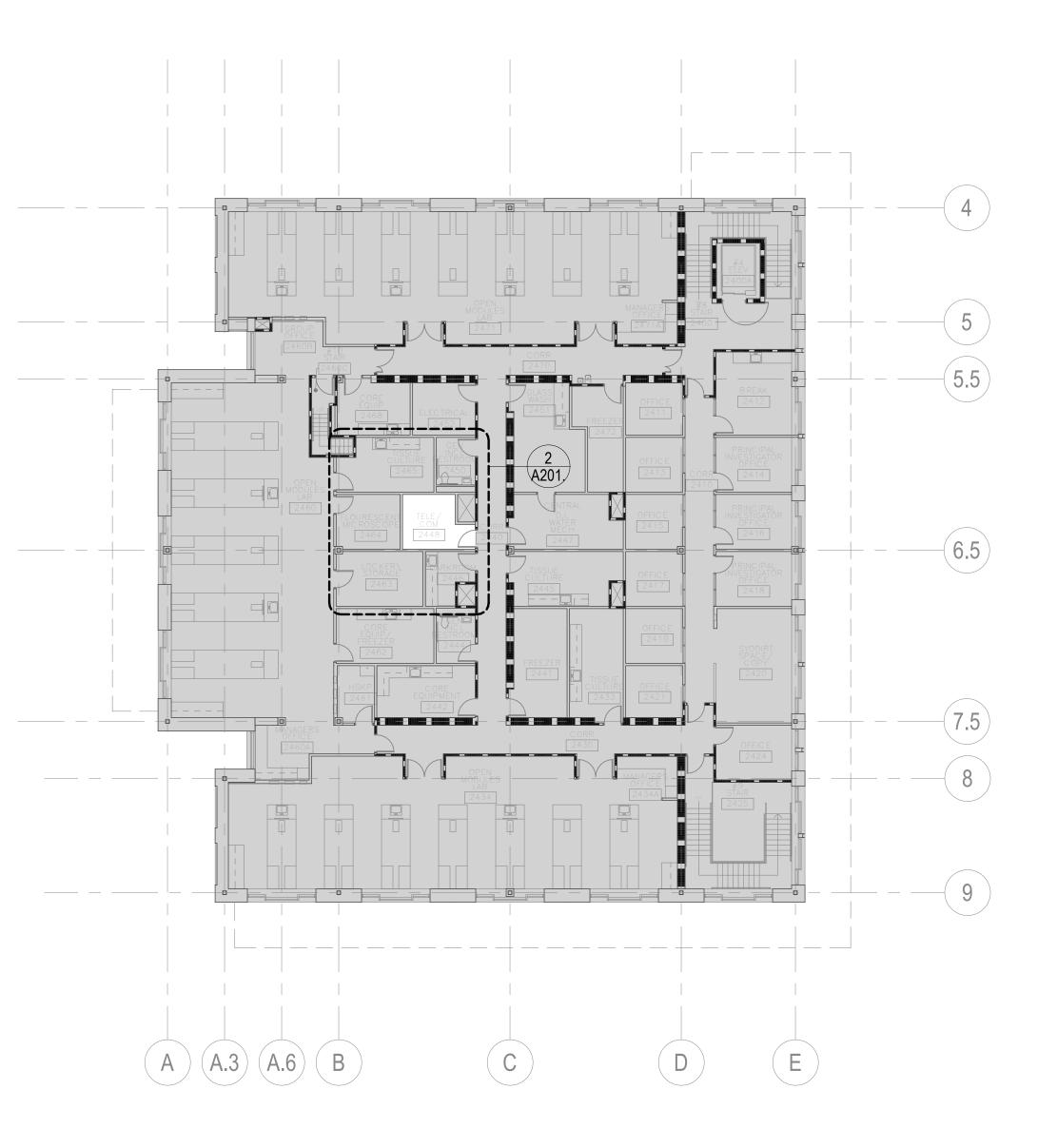
MICHAEL GOMEZ AS SHOWN JUNE 07, 2024

1500-164-00

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1 FLOOR PLAN - LEVEL 01
1/16" = 1'-0"

3 MIND LAB PENTHOUSE PLAN
1/16" = 1'-0"



2 FLOOR PLAN - LEVEL 02
1/16" = 1'-0"

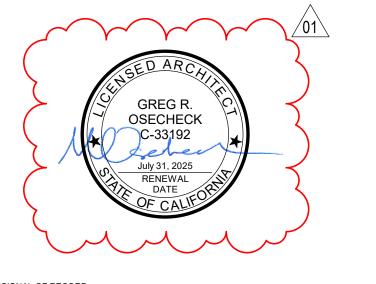


- A. PLAN DIMENSIONS ARE FROM FACE OF PARTITION TYPE AND DO NOT INCLUDE APPLIED FINISHES, UNLESS NOTED OTHERWISE. PLAN DIMENSIONS INDICATED AS "HOLD" OR "CLEAR" DIMENSIONS ARE FROM FACE OF APPLIED FINISH.
 - B. INSTALL WORK STRAIGHT, PLUMB, LEVEL, SQUARE, AND TRUE, IN PROPER
- C. FLATNESS: LEVEL FLOORS TO TRUE PLANE WITHIN 1/4 INCH (6 MM) IN 10'-0" (3 M) WHEN TESTED BY TEN FOOT (3 M) STRAIGHTEDGE PLACED ANYWHERE ON FLOOR IN ANY DIRECTION.
- D. WHERE HANDRAILS, GRAB BARS, CABINETS, WALL-MOUNTED DOOR STOPS, OR OTHER WALL-HUNG ITEMS ARE ATTACHED TO PARTITIONS, INSTALL BACKER PLATES [OR WOOD BLOCKING] ACCURATELY POSITIONED AND FIRMLY SECURED TO METAL STUDS, WHETHER OR NOT SUCH BACKER PLATES OR BLOCKING ARE INDICATED ON DRAWINGS.
- E. WHERE NEW WORK ABUTS, ALIGNS OR ADJOINS EXISTING MATERIALS, MAKE SMOOTH AND EVEN TRANSITION AND ELIMINATE EVIDENCE OF PATCHING AND REFINISHING. FINISH NEW WORK TO MATCH ADJACENT UNDISTURBED SURFACES, UNLESS NOTED OTHERWISE.
- F. CLOSE AND PATCH HOLES AND OPENINGS IN EXISTING FLOOR, WALL AND CEILING WHICH EXIST OR RESULT FROM DEMOLITION OR ALTERATION WORK TO MATCH ADJACENT UNDISTURBED SURFACES.
- G. PRIOR TO CONCEALMENT OF FIRE RESISTIVE MATERIALS BY OTHER WORK, PATCH AND REPAIR AREAS OF REMOVED OR DAMAGED APPLIED FIREPROOFING. COMPLETE PATCHING AND REPAIR TO MAINTAIN EXISTING FIRE-RESISTANCE DESIGN IN ACCORDANCE WITH FIREPROOFING MANUFACTURER'S WRITTEN INSTRUCTIONS FOR CONDITIONS OF EXPOSURE AND INTENDED USE. COORDINATE TESTING AND INSPECTION OF ASSEMBLIES AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- H. PROVIDE FIRESTOPPING OF PENETRATIONS AND VOIDS THROUGH FIRE-RATED WALL, FLOOR AND PARTITION ASSEMBLIES AND ROOF INCLUDING EMPTY OPENINGS AND OPENINGS CONTAINING CABLES, PIPES, DUCTS, CONDUIT AND OTHER ELEMENTS. ALL PENETRATION WORK SHALL BE IN ACCORDANCE WITH 714 CBC AND PERFORMED BY A QUALIFIED AND CERTIFIED FIRE STOP APPLICATOR. FMO SHALL APPROVE EACH UL IN ADVANCE OF APPLICATION. PENETRATING ITEMS SHALL BE RIGIDLY
- SUPPORTED ON BOTH SIDES OF EACH THROUGH PENETRATION. SEE ELECTRICAL AND MECHANICAL FOR QUANTITY OF AND INFORMATION ABOUT PENETRATIONS.
 AT TELECOM ROOMS, FILL AND PATCH ALL HOLES IN FLOORING. MAINTAIN
- CONSISTENT FINISH, COLOR, AND SMOOTHNESS ACROSS FLOORING SURFACE.

CONSTRUCTION PLAN LEGEND

_		
	SEE A010 FOR ALL GENERAL N	NOTES, ABBREVIATIONS, AND SYMBOLS
	(E) CONSTRUCTION TO REMAIN	
	(E) ONE HOUR RATED	
	(N) CONSTRUCTION	
	AREA OF WORK	
	EXISTING AREA, NOT IN CONTRACT	
	NEW PENETRATION; SEE KEYNOTES	

CAMPUS FIRE MARSHAL:



HEALTH FACILITIES DESIGN & CONSTRUCTION

4800 2ND AVENUE, SUITE 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

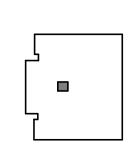
1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

	REV	REVISION DESCRIPTION	DATE
	01	ACD #1	6/07/2024
1			

CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #26**

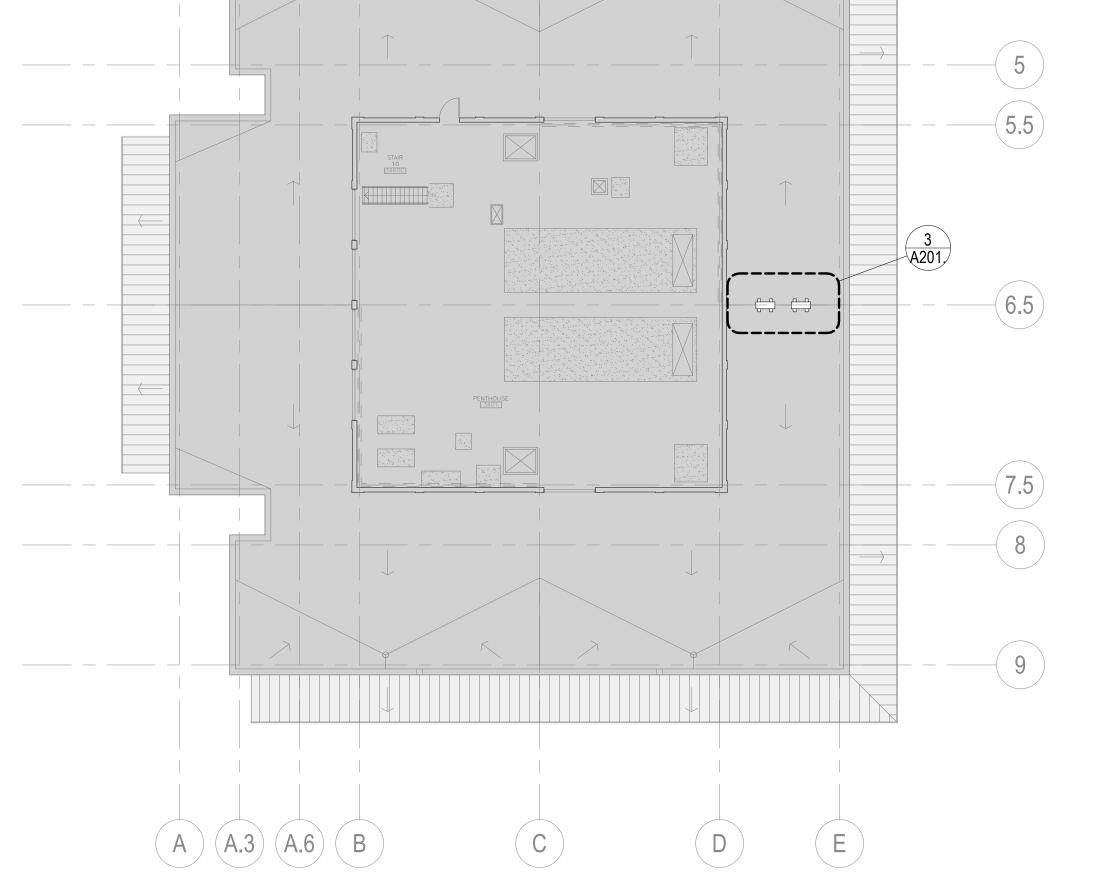
2805 50TH ST. SACRAMENTO, CA 95817

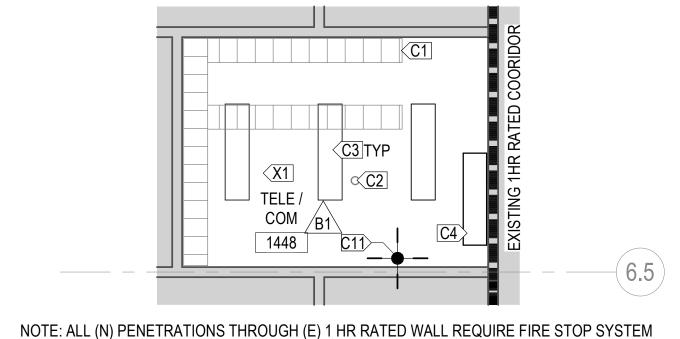


KEYPLAN

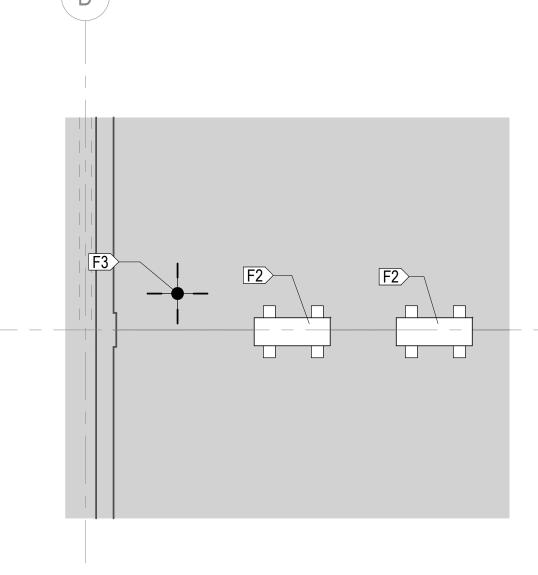
9558940

HGA MICHAEL GOMEZ JUNE 07, 2024 1500-164-00





4 CEILING PLAN - TELECOM 1448 1/4" = 1'-0"



3 MAIN ROOF OUTSIDE PENTHOUSE PLAN
1/4" = 1'-0"

GENERAL NOTES - FLOOR PLAN

- A. PLAN DIMENSIONS ARE FROM FACE OF PARTITION TYPE AND DO NOT INCLUDE APPLIED FINISHES, UNLESS NOTED OTHERWISE. PLAN DIMENSIONS INDICATED AS "HOLD" OR "CLEAR" DIMENSIONS ARE FROM FACE OF APPLIED FINISH.
- B. INSTALL WORK STRAIGHT, PLUMB, LEVEL, SQUARE, AND TRUE, IN PROPER ALIGNMENT.
- C. FLATNESS: LEVEL FLOORS TO TRUE PLANE WITHIN 1/4 INCH (6 MM) IN 10'-0" (3 M) WHEN TESTED BY TEN FOOT (3 M) STRAIGHTEDGE PLACED ANYWHERE ON FLOOR IN
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- E. WHERE NEW WORK ABUTS, ALIGNS OR ADJOINS EXISTING MATERIALS, MAKE SMOOTH AND EVEN TRANSITION AND ELIMINATE EVIDENCE OF PATCHING AND REFINISHING. FINISH NEW WORK TO MATCH ADJACENT UNDISTURBED SURFACES, UNLESS NOTED OTHERWISE.
- F. CLOSE AND PATCH HOLES AND OPENINGS IN EXISTING FLOOR, WALL AND CEILING WHICH EXIST OR RESULT FROM DEMOLITION OR ALTERATION WORK TO MATCH ADJACENT UNDISTURBED SURFACES.
- G. PRIOR TO CONCEALMENT OF FIRE RESISTIVE MATERIALS BY OTHER WORK, PATCH AND REPAIR AREAS OF REMOVED OR DAMAGED APPLIED FIREPROOFING. COMPLETE PATCHING AND REPAIR TO MAINTAIN EXISTING FIRE-RESISTANCE DESIGN IN ACCORDANCE WITH FIREPROOFING MANUFACTURER'S WRITTEN INSTRUCTIONS FOR CONDITIONS OF EXPOSURE AND INTENDED USE. COORDINATE TESTING AND INSPECTION OF ASSEMBLIES AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- H. PROVIDE FIRESTOPPING OF PENETRATIONS AND VOIDS THROUGH FIRE-RATED WALL, FLOOR AND PARTITION ASSEMBLIES AND ROOF INCLUDING EMPTY OPENINGS AND OPENINGS CONTAINING CABLES, PIPES, DUCTS, CONDUIT AND OTHER ELEMENTS. ALL PENETRATION WORK SHALL BE IN ACCORDANCE WITH 714 CBC AND PERFORMED BY A QUALIFIED AND CERTIFIED FIRE STOP APPLICATOR. FMO SHALL APPROVE EACH UL IN ADVANCE OF APPLICATION. PENETRATING ITEMS SHALL BE RIGIDLY
- SUPPORTED ON BOTH SIDES OF EACH THROUGH PENETRATION. SEE ELECTRICAL AND MECHANICAL FOR QUANTITY OF AND INFORMATION ABOUT PENETRATIONS. AT TÉLÉCOM ROOMS, FILL AND PATCH ALL HOLES IN FLOORING. MAINTAIN >> CONSISTENT FINISH, COLOR, AND SMOOTHNESS ACROSS FLOORING SURFACE.

CONSTRUCTION PLAN LEGEND

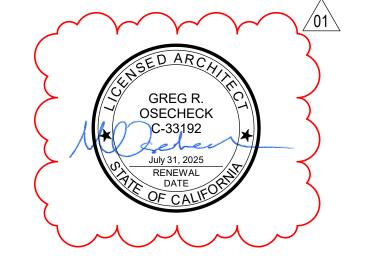
	SEE	A010 FOR ALL GENERAL N	OTES, ABBREVIATIONS, AND SYMBOLS
		(E) CONSTRUCTION TO REMAIN	
		(E) ONE HOUR RATED	
_		(N) CONSTRUCTION	
		AREA OF WORK	
		EXISTING AREA, NOT IN CONTRACT	
-		NEW PENETRATION; SEE KEYNOTES	_

KEYNOTES

DESCRIPTION C1 EXISTING LADDER RACK, SEE ELECTRICAL

- C2 EXISTING FIRE SPRINKLER
- C3 NEW LIGHT FIXTURES, SEE ELECTRICAL
- C4 NEW AIR HANDLING UNIT, SEE MECHANICAL
- C11 NEW CORED PENETRATION FOR CONDUIT RUN. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR QUANTITY, INFORMATION, AND FIRESTOP SYSTEM.
- F1 NEW ELECTRICAL WORK; REFER TO ELECTRICAL DRAWINGS
- F2 NEW MECHANICAL WORK; REFER TO MECHANICAL DRAWINGS
- F3 NEW CORED PENETRATION FOR CONDUIT RUN. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR QUANTITY, INFORMATION, AND FIRESTOP SYSTEM.
- F4 EXISTING CONDUIT SLEEVES SEE ELECTRICAL DRAWINGS F5 EXISTING EQUIPMENT - SEE ELECTRICAL DRAWINGS
- FZ REUSE EXISTING EQUIPMENT PER ELECTRICAL
- F15 PATCH EXISING WALL INCLUDE LAYER OF GYP AND SHEATHING CONSISTENT WITH EXISTING WALL FINISH.
- X1 REMOVE EXISTING LIGHT FIXTURES IN THIS ROOM, SEE ELECTRICAL

BUILDING OFFICIAL: CAMPUS FIRE MARSHAL:



HEALTH FACILITIES DESIGN & CONSTRUCTION

4800 2nd Avenue, Suite 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

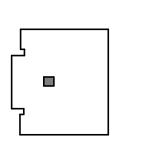
1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

REVISION DESCRIPTION	DATE
ACD #1	6/07/2024

CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #26**

2805 50TH ST. SACRAMENTO, CA 95817

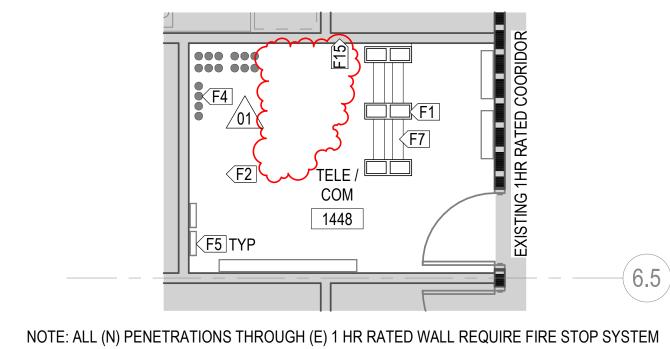


KEYPLAN

MICHAEL GOMEZ AS SHOWN JUNE 07, 2024

1500-164-00

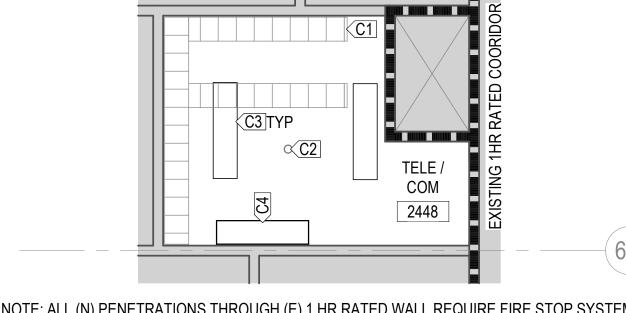
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FLOOR PLAN - TELECOM 1448

NOTE: ALL (N) PENETRATIONS THROUGH (E) 1 HR RATED WALL REQUIRE FIRE STOP SYSTEM

2 FLOOR PLAN - TELECOM 2448
1/4" = 1'-0"



NOTE: ALL (N) PENETRATIONS THROUGH (E) 1 HR RATED WALL REQUIRE FIRE STOP SYSTEM

5 <u>CEILING PLAN - TELECOM 2448</u>
1/4" = 1'-0"

SAFE OFF LIGHT FIXTURE CIRCUIT AND SWITCHLEG FOR RECONNECTION TO REPLACEMENT LIGHT FIXTURES.

NUMBERED NOTES

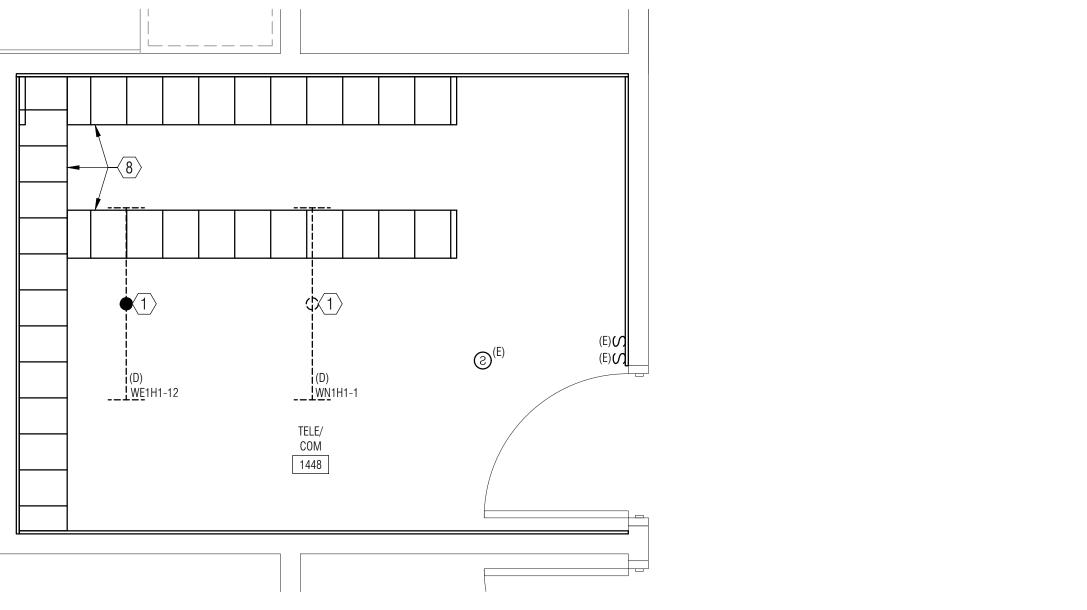
- (2) CONNECT NEW LIGHT FIXTURE TO EXISTING CIRCUIT AND SWITCHLEG NET LOAD REDUCTION.
- UNBOLT EQUIPMENT RACKS AND RELOCATE AS SHOWN IN THE NEW ENLARGED ELECTRICAL PLANS FOR THE ROOM. REMOVE OLD ANCHOR BOLTS AND REPAIR CONCRETE AS NEEDED.
- 4 EXISTING VERTICAL WIRE MANAGER TO BE REMOVED. COORDINATE WITH UCDH IT FOR DISPOSAL OR RETASKING.
- (5) EXISTING RISER CONDUITS TO REMAIN. SEE TELECOM RISER DIAGRAM ON SHEET E4.00 FOR ADDITIONAL INFORMATION.
- (6) EXISTING CONDUIT SLEEVE(S) TO REMAIN.
- (7) EXISTING 3/4" FIRE RATED PLYWOOD MOUNTED AROUND THE PERIMETER OF THE ROOM.
- 8 EXISTING 12" LADDER RACK TO REMAIN IN PLACE.

NUMBERED NOTES

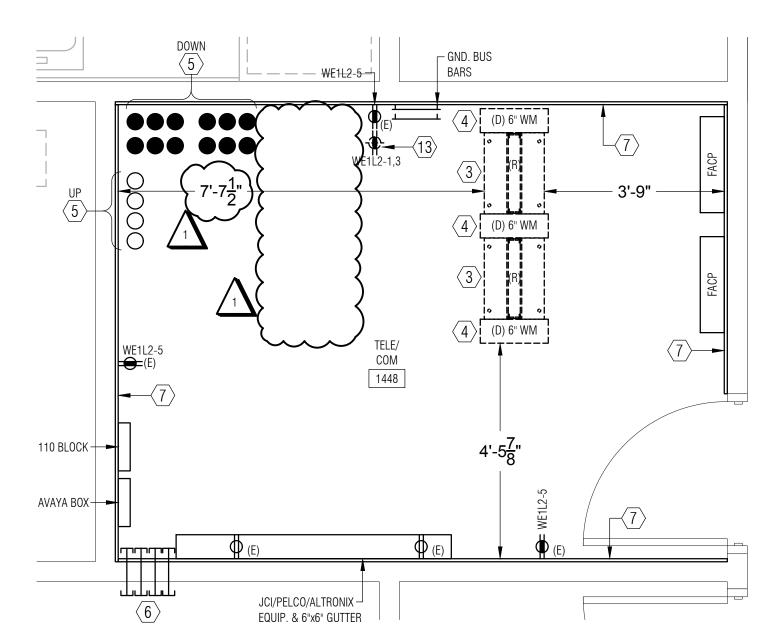
- 9 L5-30 RECEPTACLE SUSPENDED DIRECTLY ABOVE EQUIPMENT RACK FOR OFOI 3KVA RACK MOUNTED UPS. SEE DETAIL 9 ON SHEET E7.2.
- L5-30 RECEPTACLE SUSPENDED DIRECTLY ABOVE EQUIPMENT RACK FOR CONNECTION TO PDU. SEE DETAIL 9 ON SHEET E7.2.
- (11) COORDINATE LOCATION OF DATA OUTLET WITH NETBOT CAMERA.
- (12) REMOVE EXISTING (2) 20A/1P CIRCUIT BREAKERS IN PANEL. PROVIDE NEW (2) 30A/1P CIRCUIT BREAKERS IN PLACE.
- 13 EXISTING DOUBLE DUPLEX RECEPTACLE AND WIRING TO BE REMOVED. UTILIZE EXISTING RACEWAY TO PULL NEW WIRE TO NEW EQUIPMENT RACK RECEPTACLES SHOWN ON 4/E3.11.

SHEET NOTES

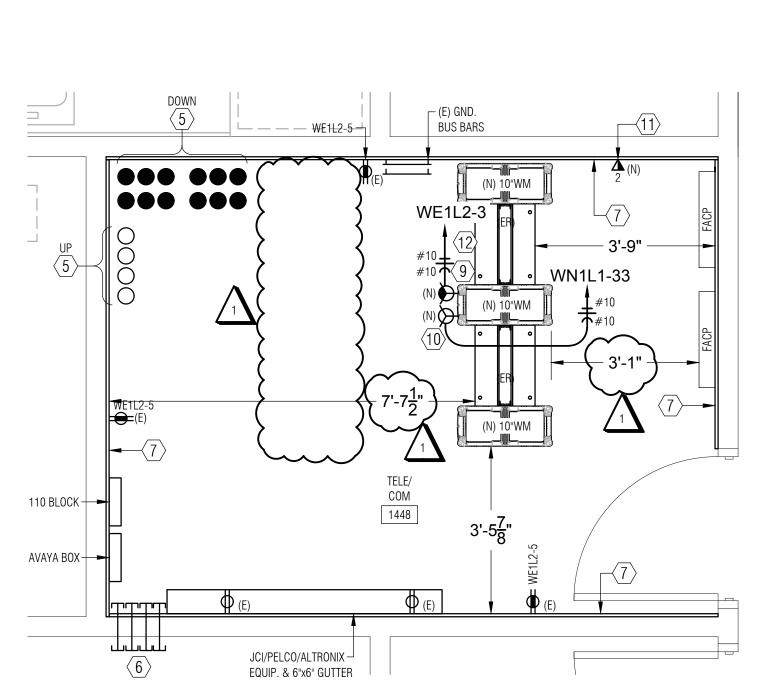
- TYPICAL UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, SWITCHES, RECEPTACLES, DEVICES, ETC. SHOWN SOLID ARE EXISTING TO REMAIN. MAINTAIN CIRCUIT CONTINUITY.
- 2. TYPICAL UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, SWITCHES, RECEPTACLES, DEVICES, ETC. SHOWN DASHED SHALL BE REMOVED, INCLUDING OUTLET BOX, CONDUIT AND WIRE.
- 3. PLANS ONLY SHOW EXISTING AND RELOCATED CABLE TRAY MOUNTED AT 7' AFF. THERE IS ADDITIONAL EXISTING CABLE TRAY MOUNTED AT 12' AFF WHICH IS EXISTING TO REMAIN. CONTRACTOR SHALL COORDINATE NEW LIGHT FIXTURE SUPPORTS WITH EXISTING LADDER RACK SYSTEMS..
- 4. CONTRACTOR RESPONSIBLE FOR PROVIDING ANY TEMPORARY SUPPORT SYSTEMS OR 'FLOATING' RACK OR WALL MOUNTED EQUIPMENT BEING REPLACED IN THE SCOPE OF WORK.
- 5. CONTRACTOR SHALL COORDINATE WITH UCDH IT TO HAVE THEM PRESENT WHEN RELOCATING EQUIPMENT RACKS AND CABINETS HOUSING LIVE EQUIPMENT.
- 6. CONTRACTOR SHALL PROVIDE FIRE ALARM SHOP DRAWINGS TO SHOW THE ADDITION OF FIRE SMOKE DAMPERS TO THE EXISTING NOTIFIER FIRE ALARM SYSTEM.
- 7. CONTRACTOR SHALL BOND ALL EXISTING,
 RELOCATED, AND NEW EQUIPMENT RACKS, LADDER
 RACKS, CABINETS, AND METALLIC RACEWAY IN THE
 TELECOM ROOM TO THE EXISTING TELECOM GROUND
 BUS BAR AS REQUIRED IN SPECIFICATION 27 05 26
 AND ELECTRICAL DETAILS ON APPROVED PLANS.







ENLARGED ELECTRICAL DEMOLITION FLOOR
PLAN - TELE/COM 1448



TELE/ COM 1448

ENLARGED NEW CEILING PLAN -

2 TELE/COM 1448

1/2" - 1'-0"

ENLARGED ELECTRICAL NEW FLOOR PLAN - TELE/COM 1448 TED CABLE
ONAL
WHICH IS
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IG ANY
TING' RACK

CAMPUS FIRE MARSHAL:

PROFESSIONAL OF RECORD:

BUILDING OFFICIAL:





FACILITIES DESIGN & CONSTRUCTION 4800 2nd AVENUE, SUITE 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

HGA

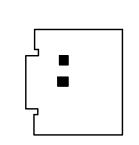
1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

REV	REVISION DESCRIPTION	DATE
B1	BACKCHECK #1	3/20/2024
1	ACD #1	06/07/2024

CONSTRUCTION DOCUMENTS

MIND IT NETWORK MODERNIZATION BUILDING #26

2805 50TH ST. SACRAMENTO, CA 95817



KEYPLAN

6 M.I.N.D. INSTITUTE LABORATORY
MIND IT NETWORK
ODERNIZATION
UILDING #26

ARCH. / ENGR.

HGA

9558940

UCDMC PROJECT MANAGER
MICHAEL GOMEZ

DESIGNED BY

DATE
JUNE 07, 2024

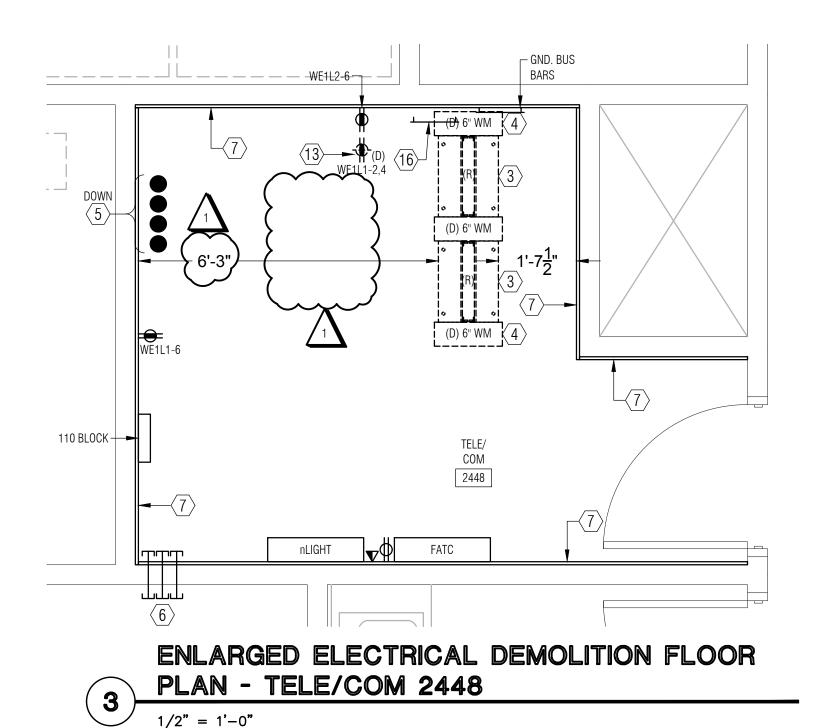
DRAWN BY

HGA COMMISSION NO.
1500-164-00

COOPYRIGHTAIDAEARGRIBECASIAMBENGANEERS, INCO

ENLARGED DEMOLITION CEILING PLAN TELE/COM 2448

1/2" - 1'-0"



NUMBERED NOTES

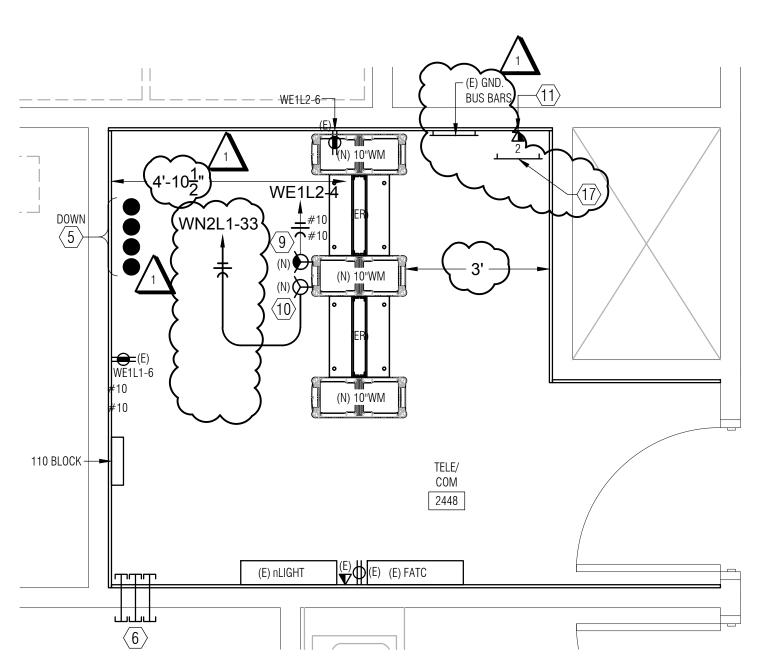
- SAFE OFF LIGHT FIXTURE CIRCUIT AND SWITCHLEG FOR RECONNECTION TO REPLACEMENT LIGHT FIXTURES.
- (2) CONNECT NEW LIGHT FIXTURE TO EXISTING CIRCUIT AND SWITCHLEG NET LOAD REDUCTION.
- UNBOLT EQUIPMENT RACKS AND RELOCATE AS SHOWN IN THE NEW ENLARGED ELECTRICAL PLANS FOR THE ROOM. REMOVE OLD ANCHOR BOLTS AND REPAIR CONCRETE AS NEEDED.
- 4 EXISTING VERTICAL WIRE MANAGER TO BE REMOVED. COORDINATE WITH UCDH IT FOR DISPOSAL OR RETASKING.
- (5) EXISTING RISER CONDUITS TO REMAIN. SEE TELECOM RISER DIAGRAM ON SHEET E4.00 FOR ADDITIONAL INFORMATION.
- (6) EXISTING CONDUIT SLEEVE(S) TO REMAIN.
- (7) EXISTING 3/4" FIRE RATED PLYWOOD MOUNTED AROUND THE PERIMETER OF THE ROOM.
- (8) EXISTING 12" LADDER RACK TO REMAIN IN PLACE.

NUMBERED NOTES

- 9 L5-30 RECEPTACLE SUSPENDED DIRECTLY ABOVE EQUIPMENT RACK FOR OFOI 3KVA RACK MOUNTED UPS. SEE DETAIL 9 ON SHEET E7.2.
- L5-30 RECEPTACLE SUSPENDED DIRECTLY ABOVE EQUIPMENT RACK FOR CONNECTION TO PDU. SEE DETAIL 9 ON SHEET E7.2.
- (11) COORDINATE LOCATION OF DATA OUTLET WITH NETBOT CAMERA.
- 12 L5-30 RECEPTACLE SUSPENDED DIRECTLY ABOVE EQUIPMENT RACK FOR FUTURE RACK MOUNTED EQUIPMENT. SEE DETAIL 9 ON SHEET E7.2.
- 13 EXISTING DOUBLE DUPLEX RECEPTACLE AND WIRING TO BE REMOVED. UTILIZE EXISTING RACEWAY TO PULL NEW WIRE TO NEW EQUIPMENT RACK RECEPTACLES SHOWN ON 4/E3.11.
- EXISTING ANGLE BRACKET TO BE RELOCATED TO OPPOSITE SIDE OF NEW EQUIPMENT RACK LOCATION.
- RE-ANCHOR AND RE-ATTACH RELOCATED ANGLE BRACKET TO WALL AND EXISTING WALL MOUNTED LADDER RACK RESPECTIVELY.
- (16) RELOCATE EXISTING GROUND BUS BAR.
- COORDINATE EXACT LOCATION OF RELOCATED
 GROUND BUS BAR WITH UCDH IT ON WALL. PROVIDE
 NEW #3/0 AWG BONDING CONDUCTOR TO EXISTING
 GROUND BUS BAR FROM NEW LOCATION IF

REQUIRED. 8 TELE/ COM (2) (N) A WEIHI 12 (E) (N) A WNIH1 18 (E) (N) A WNIH1 18

ENLARGED NEW CEILING PLAN TELE/COM 2448



ENLARGED ELECTRICAL NEW FLOOR

PLAN - TELE/COM 2448

SHEET NOTES

- TYPICAL UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, SWITCHES, RECEPTACLES, DEVICES, ETC. SHOWN SOLID ARE EXISTING TO REMAIN. MAINTAIN CIRCUIT CONTINUITY.
- 2. TYPICAL UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, SWITCHES, RECEPTACLES, DEVICES, ETC. SHOWN DASHED SHALL BE REMOVED, INCLUDING OUTLET BOX, CONDUIT AND WIRE.
- 3. PLANS ONLY SHOW EXISTING AND RELOCATED CABLE TRAY MOUNTED AT 7' AFF. THERE IS ADDITIONAL EXISTING CABLE TRAY MOUNTED AT 12' AFF WHICH IS EXISTING TO REMAIN. CONTRACTOR SHALL COORDINATE NEW LIGHT FIXTURE SUPPORTS WITH EXISTING LADDER RACK SYSTEMS..
- 4. CONTRACTOR RESPONSIBLE FOR PROVIDING ANY TEMPORARY SUPPORT SYSTEMS OR 'FLOATING' RACK OR WALL MOUNTED EQUIPMENT BEING REPLACED IN THE SCOPE OF WORK.
- 5. CONTRACTOR SHALL COORDINATE WITH UCDH IT TO HAVE THEM PRESENT WHEN RELOCATING EQUIPMENT RACKS AND CABINETS HOUSING LIVE EQUIPMENT.
- 6. CONTRACTOR SHALL PROVIDE FIRE ALARM SHOP DRAWINGS TO SHOW THE ADDITION OF FIRE SMOKE DAMPERS TO THE EXISTING NOTIFIER FIRE ALARM SYSTEM.
- CONTRACTOR SHALL BOND ALL EXISTING, RELOCATED, AND NEW EQUIPMENT RACKS, LADDER RACKS, CABINETS, AND METALLIC RACEWAY IN THE TELECOM ROOM TO THE EXISTING TELECOM GROUND BUS BAR AS REQUIRED IN SPECIFICATION 27 05 26 AND ELECTRICAL DETAILS ON APPROVED PLANS.

BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:

ECCOM ENGINEERING 1455 RESPONSE ROAD, SUITE 140 SACRAMENTO, CA. 95815

916.641.5600 916.641.1640 FAX WWW.ECOMENG.COM JOB NO. **R175** PM. **A.D** DESIGNERS **A.D.**

DRAWN BY **ECOM**

PROFESSIONAL OF RECORD:

BENJAMIN
SCHLENKER
No. E 021982
Exp. 9/30/25
ELECTRICAL

UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION 4800 2ND AVENUE, SUITE 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

HGA

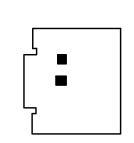
1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

REV	REVISION DESCRIPTION	DATE
B1	BACKCHECK #1	3/20/2024
1	ACD #1	06/07/2024

CONSTRUCTION DOCUMENTS

MIND IT NETWORK MODERNIZATION BUILDING #26

2805 50TH ST. SACRAMENTO, CA 95817



KEYPLAN

NG IT NETWORK
DERNIZATION
ILDING #26

ARCH. / ENGR.

HGA

9558940

UCDMC PROJECT MANAGER
MICHAEL GOMEZ

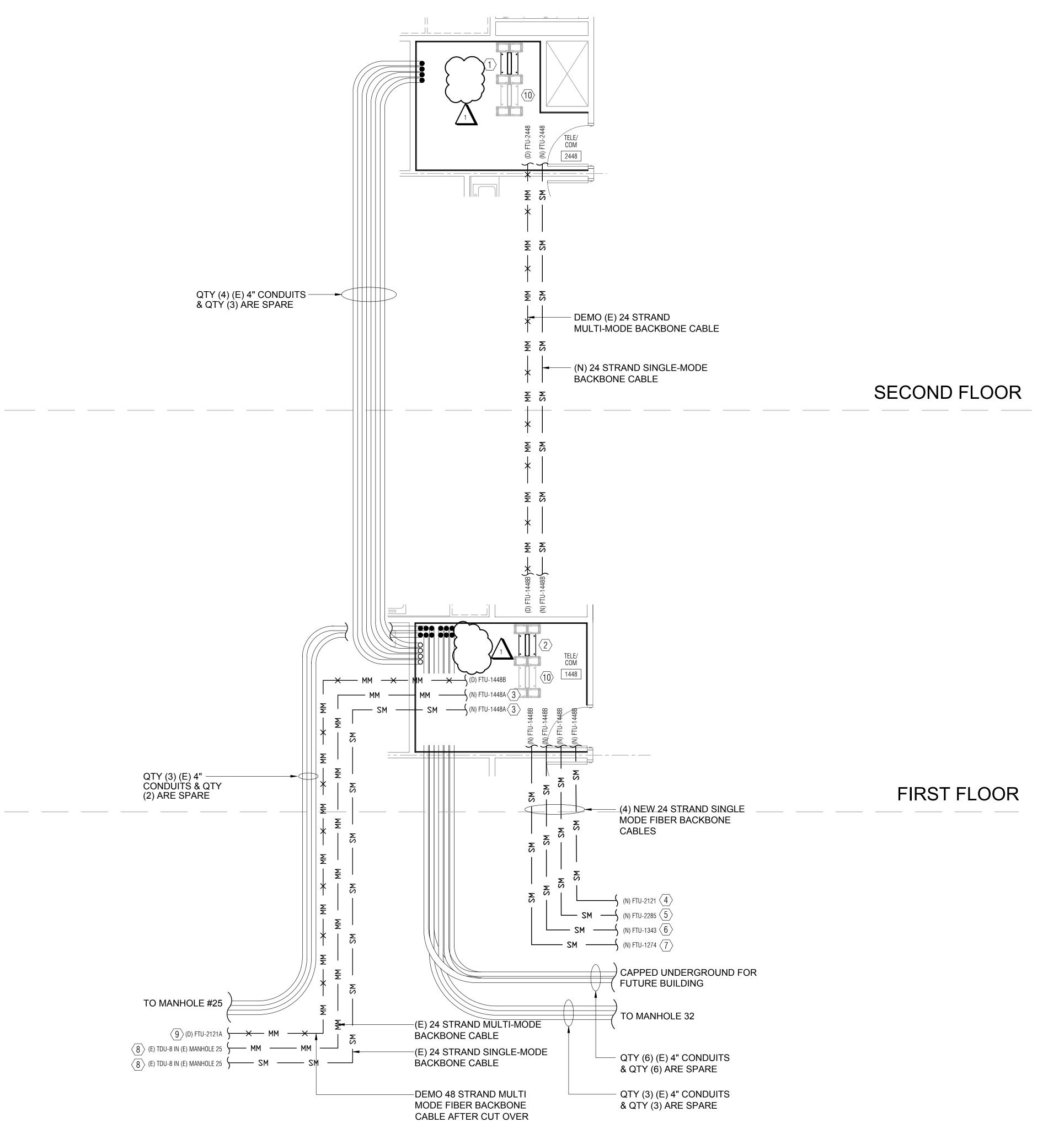
DESIGNED BY

DATE
JUNE 07, 2024

COORTRICITATION AFAR GRIFFIE CASIAND RENGANISERS, INCO

1500-164-00

	LINE TYPE LEGEND
SYMBOL	DESCRIPTION
-MM-MM-	(24) or (48) STRANDS MULTI-MODE FIBER OPTIC BACKBONE CABLE
-SM-SM-	(24) STRAND SINGLE-MODE FIBER OPTIC BACKBONE CABLE



SHEET NOTES

- DEMOLITION OF EXISTING MULTIMODE FIBER BACKBONE RISER CABLING AND PANDUIT OPTICON FIBER SPLICE ENCLOSURES TO OCCUR AFTER COMPLETION AND CUT OVER TO NEW SINGLE MODE FIBER RISER CABLING AND FIBER TERMINATION ENCLOSURES.
- 2. UTILIZE EXISTING CONDUIT RISERS IN STACKED TELECOM ROOMS TO ROUTE RISER CABLING BETWEEN FLOORS.
- 3. EXISTING COPPER RISER CABLING TO REMAIN.
- 4. COORDINATE WITH UDCH IT ON THE REMOVAL OF MULTI-MODE FIBER RISER CABLING. SOME MAY REMAIN FOR DEVICES LIKE FIRE ALARM CONTROL PANELS.
- SEE ELECTRICAL SITE PLAN ON SHEET E1.00 FOR LOCATIONS OF MANHOLES, PULL BOXES, AND EXISTING UNDERGROUND CONDUIT BANKS.

NUMBERED NOTES

- (1) REPLACE EXISTING RACK MOUNTED FIBER SPLICE ENCLOSURE WITH A NEW AFL ASCEND SERIES ENCLOSURES AND SPLICE
- (2) REPLACE QTY (4) EXISTING RACK MOUNTED FIBER SPLICE ENCLOSURES WITH NEW AFL ASCEND SERIES ENCLOSURES AND SPLICE CASSETTES.
- (3) COORDINATE WITH UCDH IT TO MIGRATE EXISTING CAMPUS BACKBONE FIBER CABLES FROM OLD FTU TO NEW FTU.
- (4) FIBER TERMINATION UNIT 'FTU' LOCATED IN BUILDING 25 2ND FLOOR TELECOM ROOM 2121. SEE PATHWAY 'A' ON SHEET E1.00 FOR ROUTING ON SITE PLAN.
- 5 FIBER TERIMINATION UNIT 'FTU' LOCATED IN BUILDING 25 2ND FLOOR TELECOM ROOM 2285. SEE PATHWAY 'A' ON SHEET E1.00 FOR ROUTING ON SITE PLAN.
- 6 FIBER TERIMINATION UNIT 'FTU' LOCATED IN BUILDING 25 1ST FLOOR TELECOM ROOM 1343. SEE PATHWAY 'A' ON SHEET E1.00 FOR ROUTING ON SITE PLAN.
- 7 FIBER TERIMINATION UNIT 'FTU' LOCATED IN BUILDING 25 1ST FLOOR TELECOM ROOM 1274. SEE PATHWAY 'A' ON SHEET E1.00 FOR ROUTING ON SITE PLAN.
- DEMO EXISTING AIR BLOWN SM AND MM FIBER BACK TO SPLICE CASE IN MH-25 AFTER CUT-OVER TO NEW SM CABLE IS INSTALLED AS PART OF THIS PROJECT.
- 9 FIBER TERMINATION UNIT 'FTU' LOCATED IN BUILDING 25 2ND FLOOR TELECOM ROOM 2121. SEE SHEET E1.00 FOR ROUTING ON SITE PLAN.
- PROVIDE NEW 48 PORT PATCH PANEL. COORDINATE LOCATION WITH FINAL UCDH IT RACK ELEVATIONS.

BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:

1455 RESPONSE ROAD, SUITE 140 SACRAMENTO, CA. 95815

916.641.1640 FAX WWW.ECOMENG.COM JOB NO. **R175** DESIGNERS A.D. DRAWN BY **ECOM**

PROFESSIONAL OF RECORD:

916.641.5600

UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION 4800 2ND AVENUE, SUITE 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

HGA

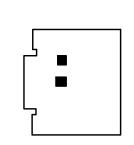
1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

	REV	REVISION DESCRIPTION	DATE
	B1	BACKCHECK #1	3/20/2024
	1	ACD #1	06/07/2024
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CONSTRUCTION DOCUMENTS

MIND IT NETWORK **MODERNIZATION BUILDING #26**

2805 50TH ST. SACRAMENTO, CA 95817

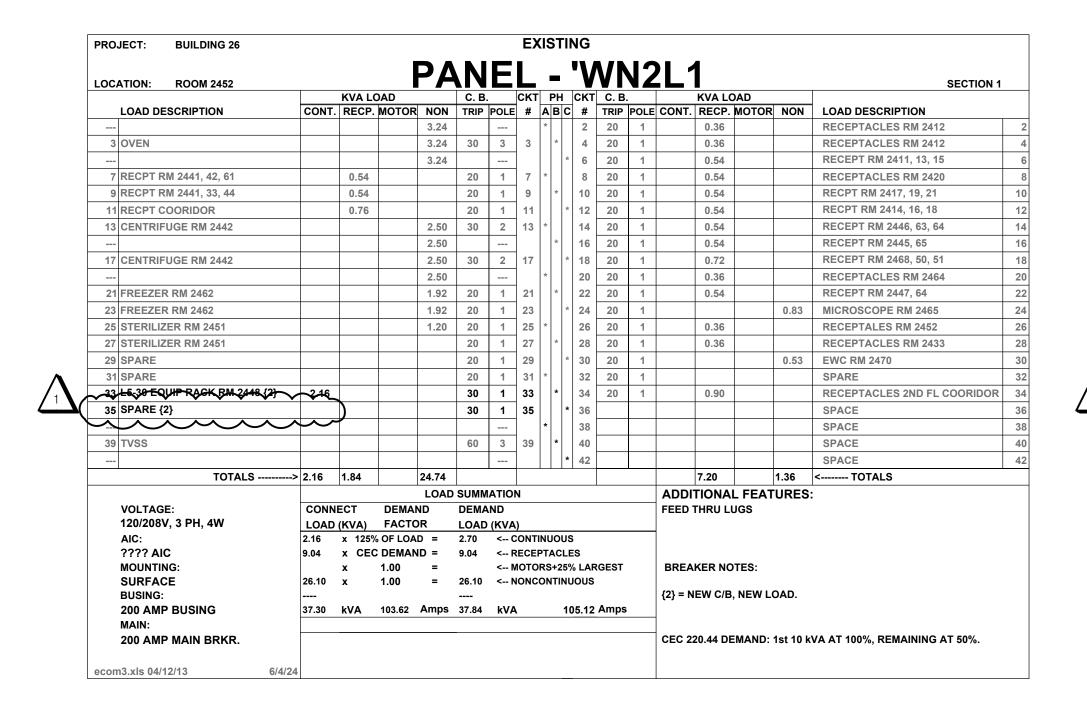


KEYPLAN

AC ARCH. / ENGR. FD&C JOB NO. HGA 9558940 UCDMC PROJECT MANAGER AS SHOWN MICHAEL GOMEZ DESIGNED BY JUNE 07, 2024

E4.01 1500-164-00

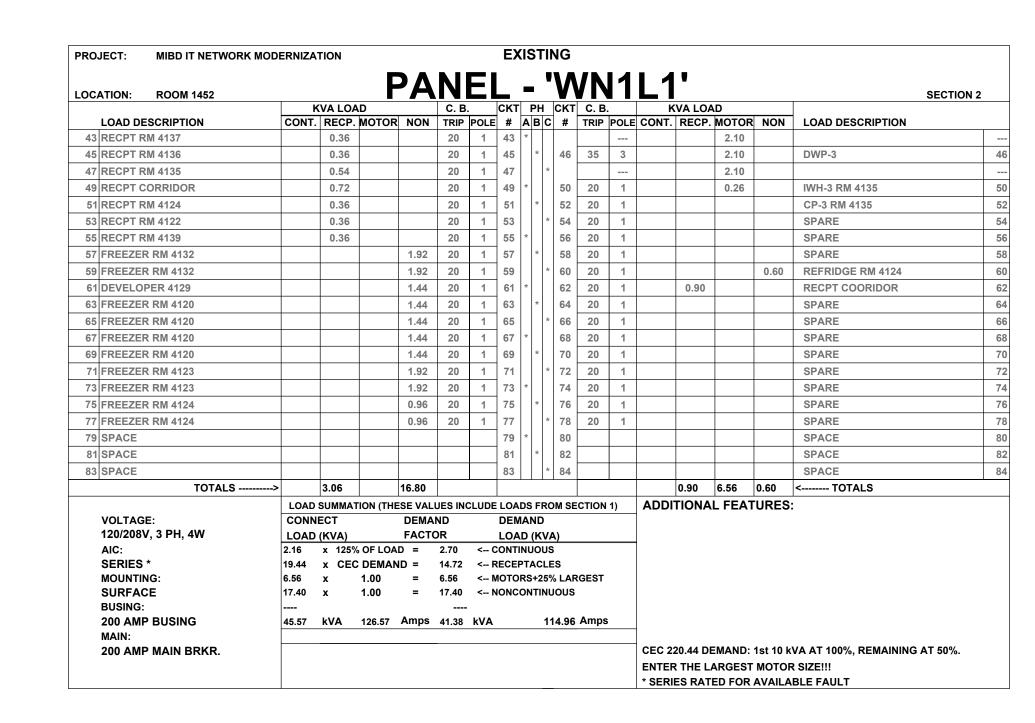
MIND INSTITUTE RESOURCE CENTER & CLINIC ACADAMY BUILDING 26 - TELECOM BACKBONE RISER DIAGRAM

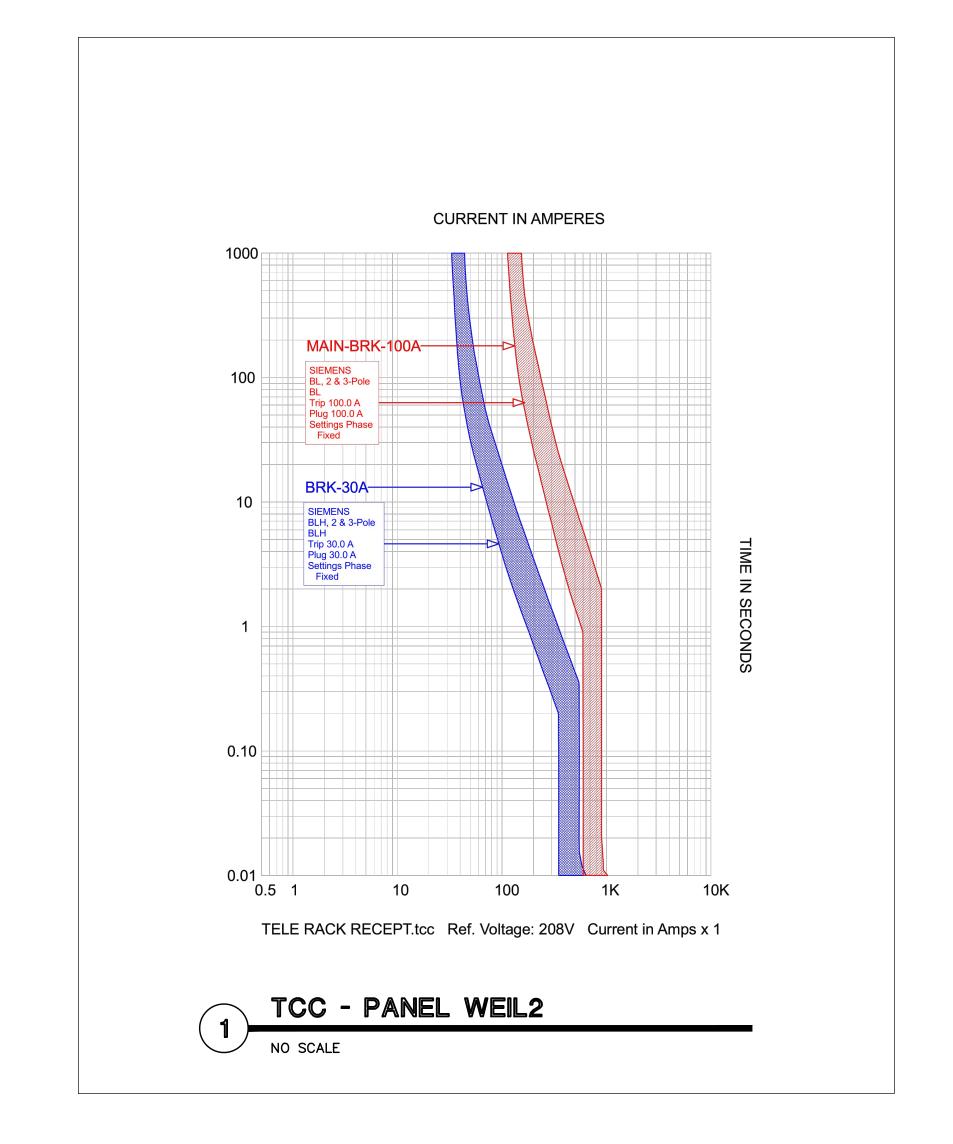


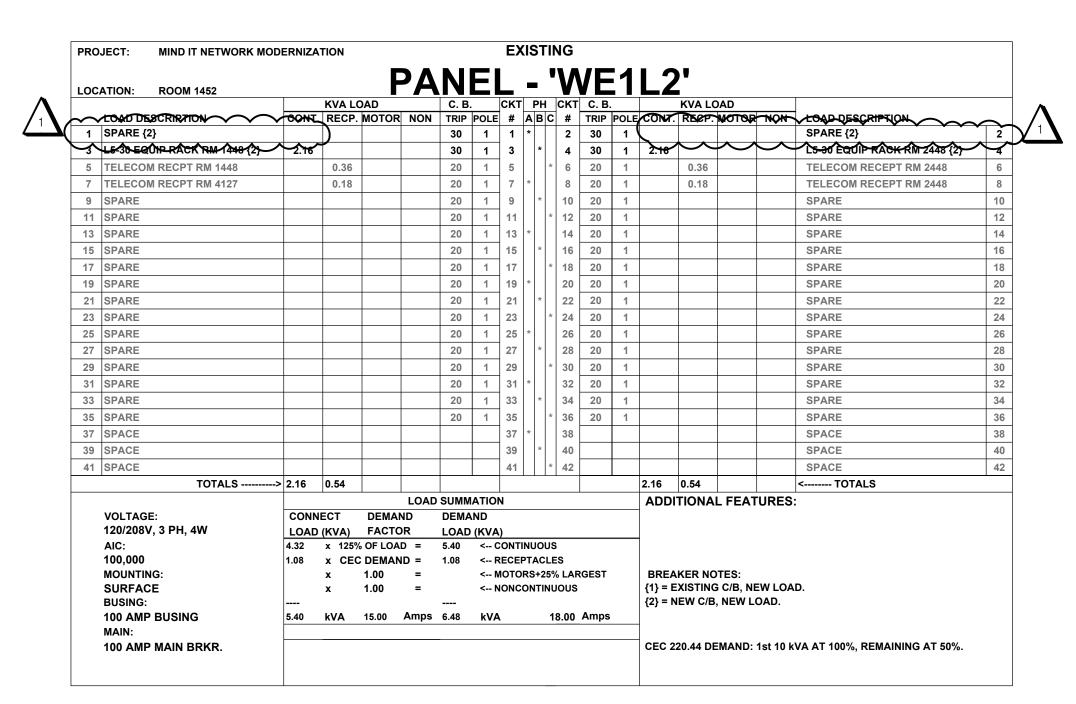
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1 SURFACE METAL RACEWAY RM 4119	CONT.	0.54	WOTOK	NON	20	1	1	*	-	2	20	1	CONT.	0.54	WICTOR	NON	RECEPT RM 4138	
3 SURFACE METAL RACEWAY RM 4119		0.54			20	1	3	*		4	20	1		0.36		1	RECEPT RM 4140, 41	-
5 SURFACE METAL RACEWAY RM 4119		0.54			20	1	5			6	20	1		0.72			RECPT RM 4138, 1	
7 SURFACE METAL RACEWAY RM 4119		0.54			20	1	7	*		8	20	1		0.72		1	RECPT RM 4103	
9 SURFACE METAL RACEWAY RM 4119		0.54			20	1	9	*		10	20	1		0.54		1	RECPT RM 4104-6	
11 SURFACE METAL RACEWAY RM 4119		0.54			20	1	11			12	20	1		0.36			RECPT RM 4107	
13 SURFACE METAL RACEWAY RM 4117		0.54			20	1	13	*		14	20	1		0.36			RECPT RM 4112, 13	
15 SURFACE METAL RACEWAY RM 4117		0.54			20	1	15	*		16	20	1		0.36			RECPT RM 4110, 11	
17 SURFACE METAL RACEWAY RM 4117		0.54			20	1	17			18	20	1		0.36			RECEPT RM 4108, 09	
19 SURFACE METAL RACEWAY RM 4133		0.34			20	1	19	*		20	20	1		0.30			RECPT RM 4123	
21 SURFACE METAL RACEWAY RM 4133		0.36			20	1	21	*		22	20	1		0.18			RECPT RM 4120	
23 SURFACE METAL RACEWAY RM 4124		0.36			20	1	23			24	20	1		0.18			RECPT RM 4119	
25 SURFACE METAL RACEWAY RM 4124		0.36			20	1	25	*		26	20	1		0.10			RECPT RM 4126, 28, 29	
27 SURFACE METAL RACEWAY RM 4128		0.72			20	1	27	*		28	20	1		0.34			RECPT RM 4126, 28	
29 SURFACE METAL RACEWAY RM 4128		0.72			20	1	29			30	20	1		0.36			RECPT RM 4126	
31 SURFACE METAL RACEWAY RM 4128		0.72			20	1	31	*		32	20	1		0.36		1	RECPT RM 4133, 17	
33 L5-30 EQUIP RACK BM 1/48 (2)	246	0.72			30	1	33	*		34	20	1		0.36		1	RECPT RM 4130, 31	
35 SPARE {2}	***				30	1	35			36	20	1		0.30		1	RECPT RM 4132	
)			30		33	*		38	20	'		0.10			SPACE	
39 TVSS					60	3	39	*		90 40							SPACE	
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1	FC-4-1			0.69		15	1	1	*		2	30	2			1.58		CU-2 {2}	
3	FC-4-2			1.40		15	1	3	*	.						1.58		-	
5	FC-4-3			0.69		15	1	5		*	6	30	2			1.58		CU-1 {2}	
7	SPARE					20	1	7	*							1.58			
9	SPARE					20	1	9	*	.	10	20	1					SPARE	
11	SPARE					20	1	11		*	12	20	1					SPARE	
13	SPARE					20	1	13	*		14	20	1					SPARE	
15	SPARE					20	1	15	*	.	16	20	1					SPARE	
17	SPARE					20	1	17		*	18	20	1					SPARE	
19	SPARE					20	1	19	*		20	20	1					SPARE	
21	SPARE					20	1	21	*	.	22	20	1					SPARE	
23	SPARE					20	1	23		*	24	20	1					SPARE	
25	SPARE					20	1	25	*		26	20	1					SPARE	
27	SPARE					20	1	27	*	.	28	20	1					SPARE	
29	SPARE					20	1	29		*	30	20	1					SPARE	
31	SPARE					20	1	31	*		32	20	1					SPARE	
33	SPARE					20	1	33	*	.	34	20	1					SPARE	
35	SPARE					20	1	35		*	36	20	1					SPARE	
37	SPACE							37	*		38							SPACE	
39	SPACE							39	*	.	40							SPACE	
41	SPACE							41		*	42							SPACE	
	TOTALS	>		2.78			1		-							6.32		< TOTALS	
				'	LOAD	SUMN	IATIO	N						ADDI	TIONA	L FEAT	URES		
	VOLTAGE:	CONN	ECT	DEMA	ND	DEMA	AND							1					
	120/208V, 3 PH, 4W	LOAD (KVA) FACTOR LOAD (KVA)																	
	AIC:	x 125% OF LOAD = < CONTINUOUS																	
	10,000	x CEC DEMAND =				< RECEPTACLES													
	MOUNTING:	9.10 x 1.00 =				9.89 < MOTORS+25% LARGEST								BREAKER NOTES:					
	SURFACE	x 1.00 = < NONCONTINUOUS																	
	BUSING:									{2} = N	EW C/B	, NEW L	OAD.						
	200 AMP BUSING	9.10 kVA 25.28 Amps 9.89 kVA 27.47 Amps																	
	MAIN:]					
	200 AMP MAIN BRKR.									_	_								
														LARGE	EST MO	TOR LO	AD (kVA	.) = 3.16	
														1			•	•	

ROJECT: BUILDING 26						E	(IST	TIN	1G								
OCATION: ROOM 2452			PΔ	١N	E	L		. •	'V	1	12	2L	1			SECTION	2
		(VA LOAD		C. B		-		_		C. B.			VA LOA				
LOAD DESCRIPTION	CONT.	RECP. MOTOF		+	POLE	_	АВ	3 C				CONT.	RECP.	MOTOR		LOAD DESCRIPTION	_
43 BIOHAZRAD CABINET RM 4227			1.56	20	1	43	*		44	20	1				1.92	FREEZER RM 4218	
45 BIOHAZRAD CABINET RM 4227			1.56	20	1	45	*		46	20	1				1.92	FREEZER RM 4218	_
47 INCUBATOR RM 4227			0.96	20	1	47		*	48	20	1				1.20	ICE MACHINE RM 4219	
49 INCUBATOR RM 4227			0.96	20	1	49	*		50	20	1				0.96	MICROSCOPE RM 4220, 22, 29	
51 REFRIDGE RM 4227			0.60	20	1	51	*		52	20	1		0.54			RECPT RM 4300	_
53 DEVELOPER RM 4229			1.44	20	1	53		*	54	20	1		0.72			RECPT RM 4300	_
55 SPARE				20	1	55	*		56	20	1					SPARE	
57 SPARE				20	1	57	*	r	58	20	1					SPARE	
59 SPARE				20	1	59		*	60	20	1					SPARE	
61 SPARE				20	1	61	*		62	20	1					SPARE	
63 SPARE				20	1	63	*		64	20	1					SPARE	
65 SPARE				20	1	65		*	66	20	1					SPARE	
67 SPARE				20	1	67	*		68	20	1					SPARE	
69 SPARE				20	1	69	*	r	70	20	1					SPARE	
71 SPARE				20	1	71		*	72	20	1				0.53	EWC RM 4216.2	
73 SPARE				20	1	73	*		74	20	1					SPARE	
75 SPARE				20	1	75	*		76	20	1					SPARE	
77 SPARE				20	1	77		*	78	20	1					SPARE	
79 SPACE						79	*		80							SPACE	
81 SPACE						81	*		82							SPACE	_
83 SPACE						83		*	84							SPACE	
TOTALS>			7.08								l		1.26		6.53	< TOTALS	_
	LOAD	SUMMATION (TH	FSF VAI	LIFS IN	CLUDE	- - I OA	DS F	ROI	M SF	CTION	1)	ADDI	TIONA	L FEAT	URES	•	_
VOLTAGE: 120/208V, 3 PH, 4W AIC:	CONNECT DEMAND LOAD (KVA) FACTOR 2.16 x 125% OF LOAD = 2.70 10.30 x CEC DEMAND = 10.15										-,						
???? AIC MOUNTING: SURFACE BUSING:																	
200 AMP BUSING MAIN: 200 AMP MAIN BRKR.	52.17	kVA 144.92	Amps	52.56	KVA			14	6.00	Amps		CEC 2	20.44 DE	EMAND:	1st 10 k	VA AT 100%, REMAINING AT 50%.	
com3.xls 04/12/13 6/4/24																	







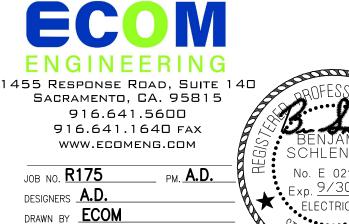
PANEL SCHEDULE NOTES

- 1. ALL CIRCUITS INDICATED "LIGHT" ON PANEL SCHEDULES ARE EXISTING TO REMAIN AND HAVE NOT BEEN MODIFIED AS PART OF THIS PROJECT.
- ALL CIRCUITS INDICATED "BOLD" ON PANEL SCHEDULES HAVE BEEN MODIFIED, ALTERED, OR NEW AS PART OF THIS PROJECT.

BUILDING OFFICIAL:

CAMPUS FIRE MARSHAL:

PROFESSIONAL OF RECORD:



UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION 4800 2ND AVENUE, SUITE 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7024

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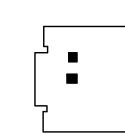
1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100

REV	REVISION DESCRIPTION	DATE
B1	BACKCHECK #1	3/20/2024
1	ACD #1	06/07/2024

CONSTRUCTION DOCUMENTS

MIND IT NETWORK MODERNIZATION BUILDING #26

2805 50TH ST. SACRAMENTO, CA 95817



KEYPLAN

M.I.N.D. INSTITUTE LABORATORY

M.I.N.D. INSTITUTE LABORATORY

ND IT NETWORK

ODERNIZATION

JILDING #26

ARCH. / ENGR.
HGA
9558940

UCDMC PROJECT MANAGER
MICHAEL GOMEZ

DESIGNED BY

DATE
JUNE 07, 2024

DRAWN BY

HGA COMMISSION NO.
1500-164-00

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