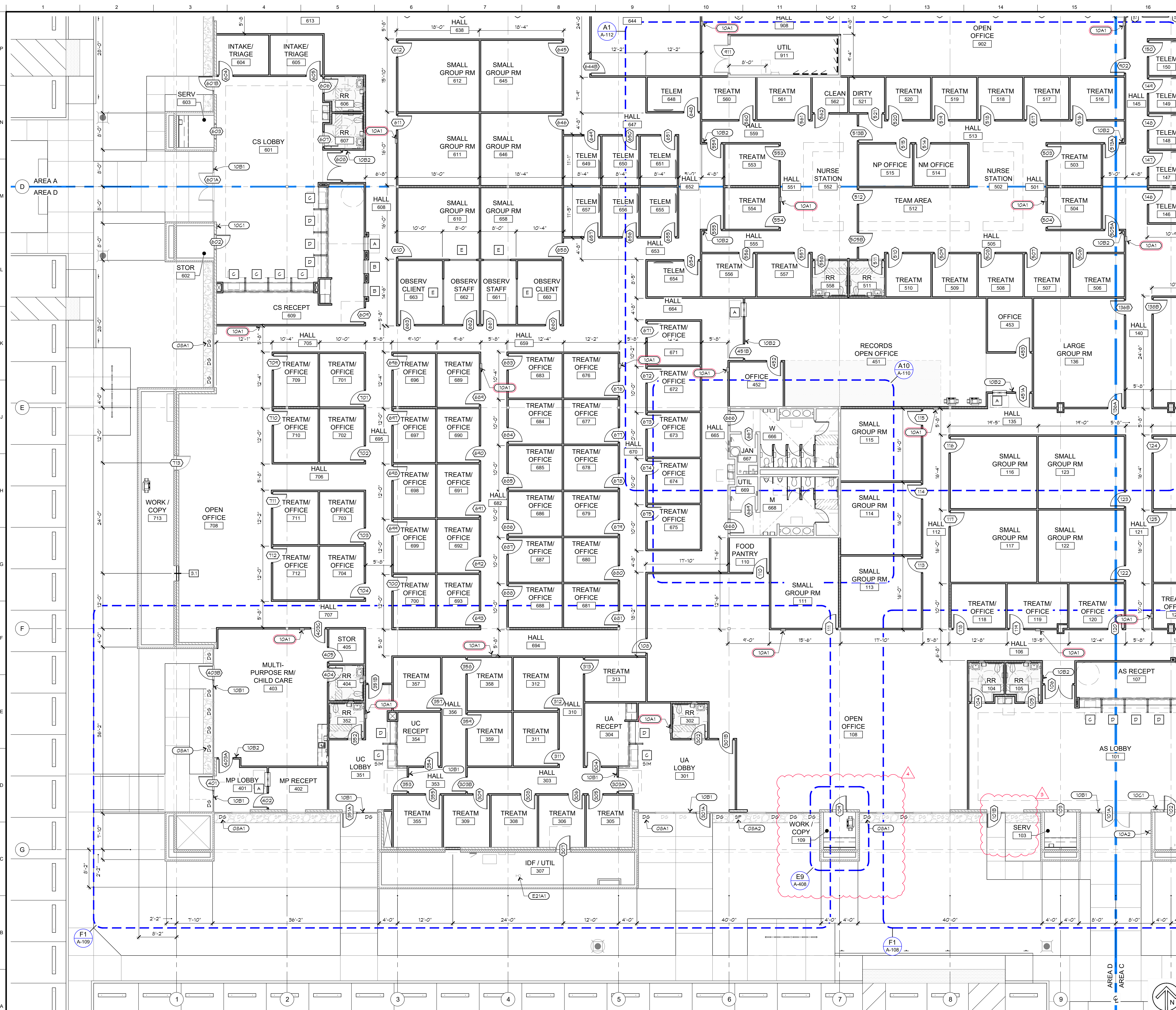
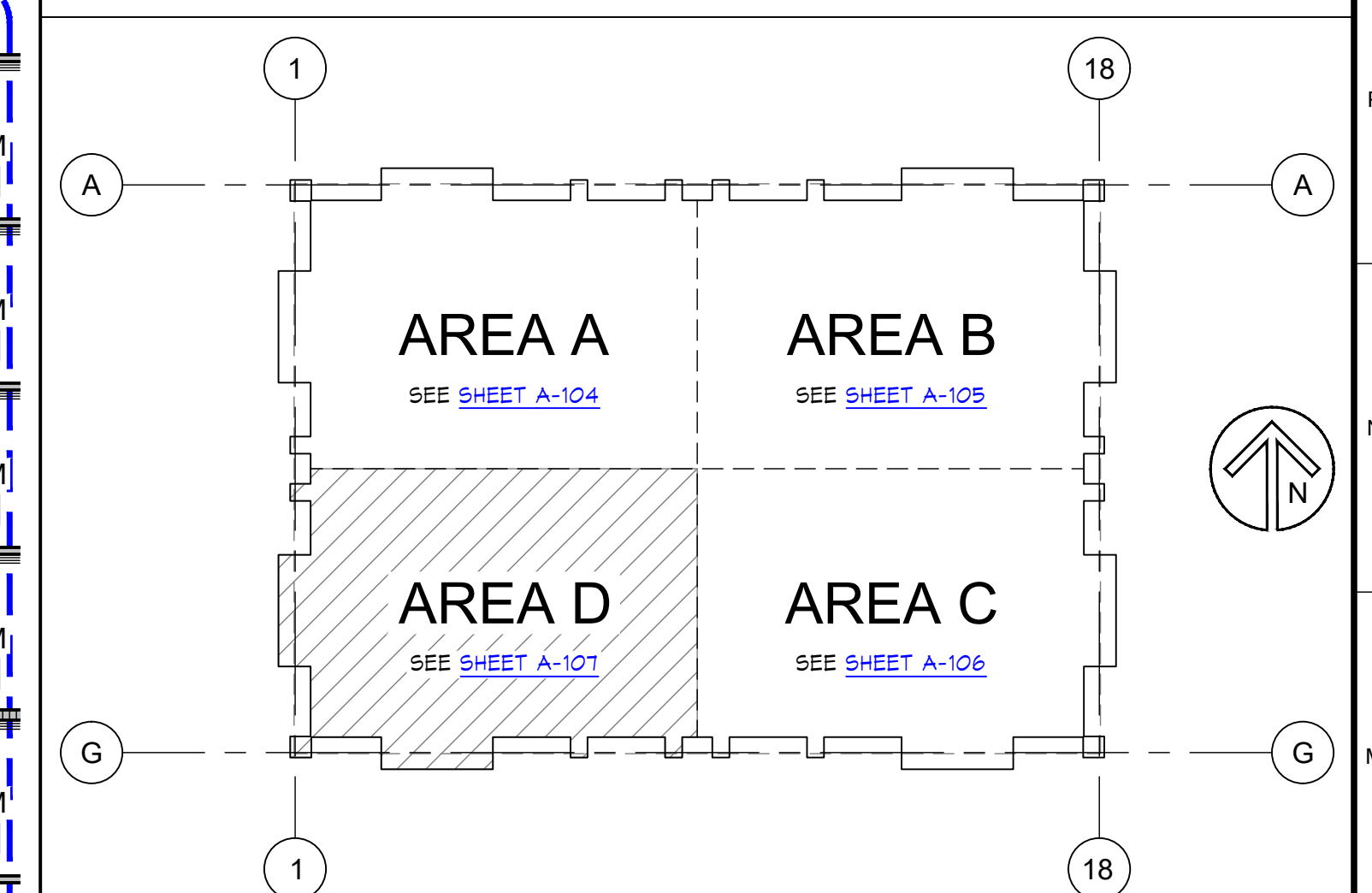




KEY PLAN



FLOOR LEGEND

NOTE: SOME ITEMS IN THIS LEGEND MAY NOT APPEAR ON THIS SHEET.

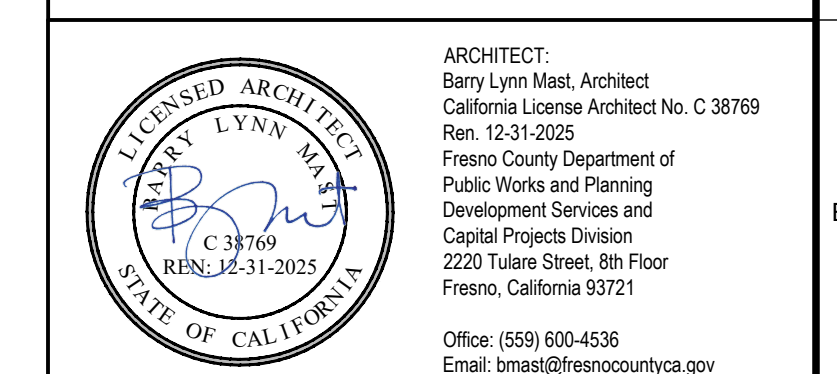
- INDICATES EXISTING GRANT OF EASEMENT AREA
- EXISTING EXTERIOR CONCRETE PANEL WALL TO REMAIN
- EXISTING EXTERIOR WALL WITH BRICK VENEER TO REMAIN
- EXISTING FURRING AT EXTERIOR WALL TO REMAIN
- EXISTING INTERIOR WALL TO REMAIN
- INDICATES AREA OF NEW CONCRETE SLAB. SEE [STRUCTURAL DRAWINGS](#).
- NEW INTERIOR WALL (NR) 3-5/8" X 20 GA METAL STUDS AT 16" O.C. MAX. IN/ 5-1/2" SOUND BATT INSULATION AND 5/8" GYPSUM BOARD EACH SIDE WHERE EXPOSED. EXTEND 6" MIN ABOVE ADJACENT CEILING AND BRACE TO STRUCTURE. PROVIDE WATER-RESISTANT GYPSUM BOARD WHERE INDICATED.
- NEW INTERIOR WALL (NR) SAME AS (1.1) ABOVE EXCEPT USE 6" X 20 GA METAL STUDS AT 16" O.C. MAX.
- NEW INTERIOR WALL (NR) 3-5/8" X 20 GA METAL STUDS AT 16" O.C. MAX. IN/ 5-1/2" SOUND BATT INSULATION AND 5/8" GYPSUM BOARD EACH SIDE WHERE EXPOSED.
- NEW EXTERIOR WALL (NR) 2X WOOD STUD FRAMING AT 16" O.C. MAX. TO MATCH EXISTING IN/ 5-1/2" THERMAL INSULATION AND 5/8" GYPSUM BOARD ON ONE SIDE. EXTEND 6" MIN ABOVE ADJACENT CEILING.

KEYNOTES LEGEND

NOTE: SOME KEYNOTES IN THIS LEGEND MAY NOT APPEAR ON THIS SHEET.

- (E05A1) EXISTING 6X6 STEEL COLUMN, TYPICAL UNLESS NOTED OTHERWISE. SEE [DETAIL E1/A-501](#) FOR TYPICAL FRAMING OF NEW WALLS AT EXISTING COLUMNS. TYPE AS INDICATED.
- (E21A1) EXISTING AUTOMATIC FIRE SPRINKLER MAIN RISER TO REMAIN.
- (09A1) NEW CONCRETE FOOTINGS AND SLAB SUB-FLOOR THIS AREA. SLOPE TO FLOOR DRAIN AT 1/4" PER FOOT MAX. SEE ALSO [STRUCTURAL DRAWINGS](#).
- (09A1) NEW DUAL GLAZING TO MATCH EXISTING AT DG. TYPICAL UNLESS NOTED OTHERWISE.
- (09A2) NEW SPANDREL GLAZING TO MATCH EXISTING AT SP. TYPICAL UNLESS NOTED OTHERWISE.
- (09B1) NEW PRIVACY SCREEN, TYPICAL WINDOW TYPE "F". SEE [DETAIL G1/A-503](#).
- (09A1) FACE OF GYPSUM BOARD SOFFIT ABOVE NEW FIRE EXTINGUISHER CABINET. SEE [DETAIL E19/A-501](#).
- (10A2) PROVIDE AN EXTERIOR KNOX BOX ADJACENT TO THE MAIN ENTRANCE AT A HEIGHT OF 6 FEET FROM GRADE. KEYS PLACED IN THE KNOX BOX SHALL BE IDENTIFIED WITH A TAG OR LABEL. KNOX BOXES MAY BE ORDERED ONLINE AT <https://www.knoxbox.com/store/departmentssearch.cfm>.
- (10B1) NEW EXIT SIGN. SEE [DETAIL A7/A-501](#).
- (10B2) NEW EXIT ROUTE SIGN. SEE [DETAIL A7/A-501](#).
- (10C1) NEW SIGN STATING "MAXIMUM OCCUPANCY THIS ROOM". SEE [SHEET A-102](#) FOR MAXIMUM OCCUPANCY THIS ROOM.

CLARIFICATION
2025-03-03
FD PC M24-046
2024-11-07
PLAN CHECK
2024-04-30



Project:
THE COUNTY OF FRESNO
DEPARTMENT OF BEHAVIORAL HEALTH
OLIVE AVE CAMPUS REMODEL
5555 E Olive Avenue, Fresno, California
APN: 45522312ST
Issue date: 2025-02-28
Project no.: T80373
File name: T80373_A-100_Floor_Plan

Sheet Content:
FLOOR PLAN AREA
D

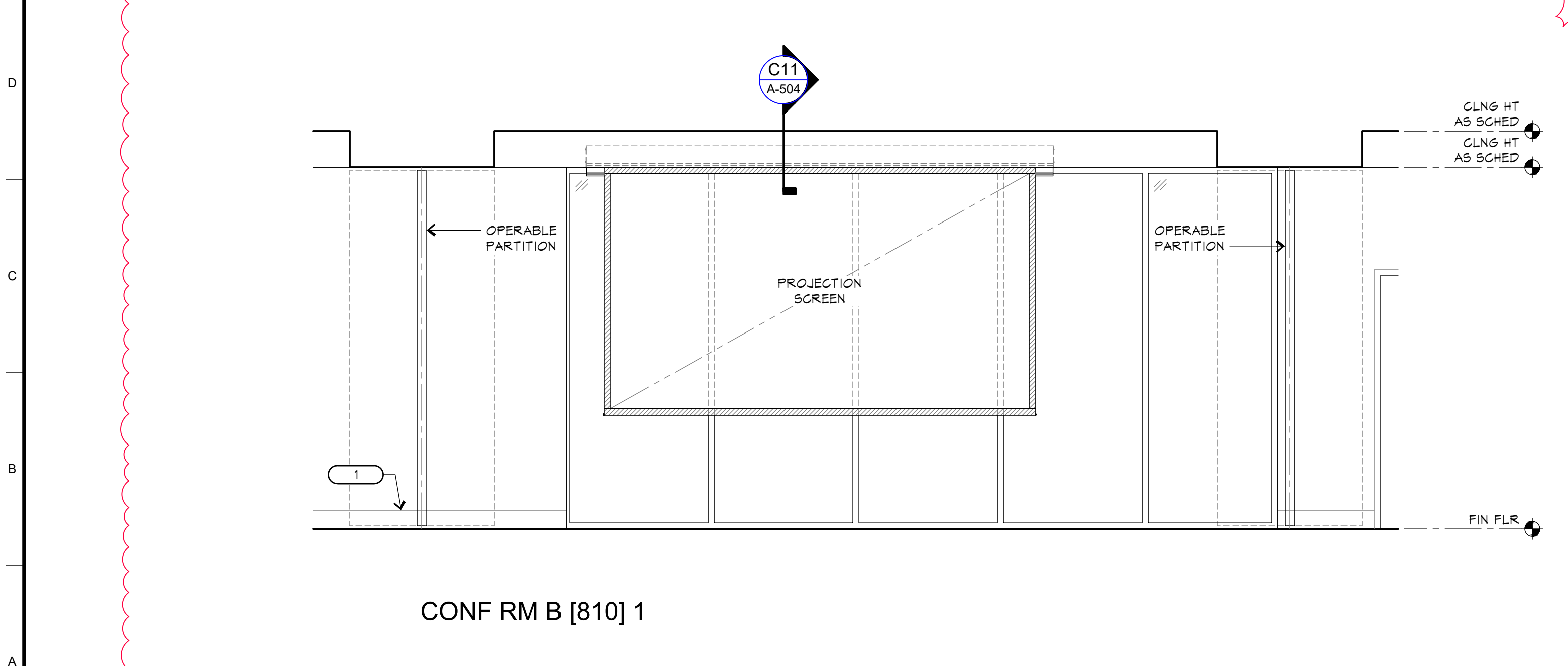
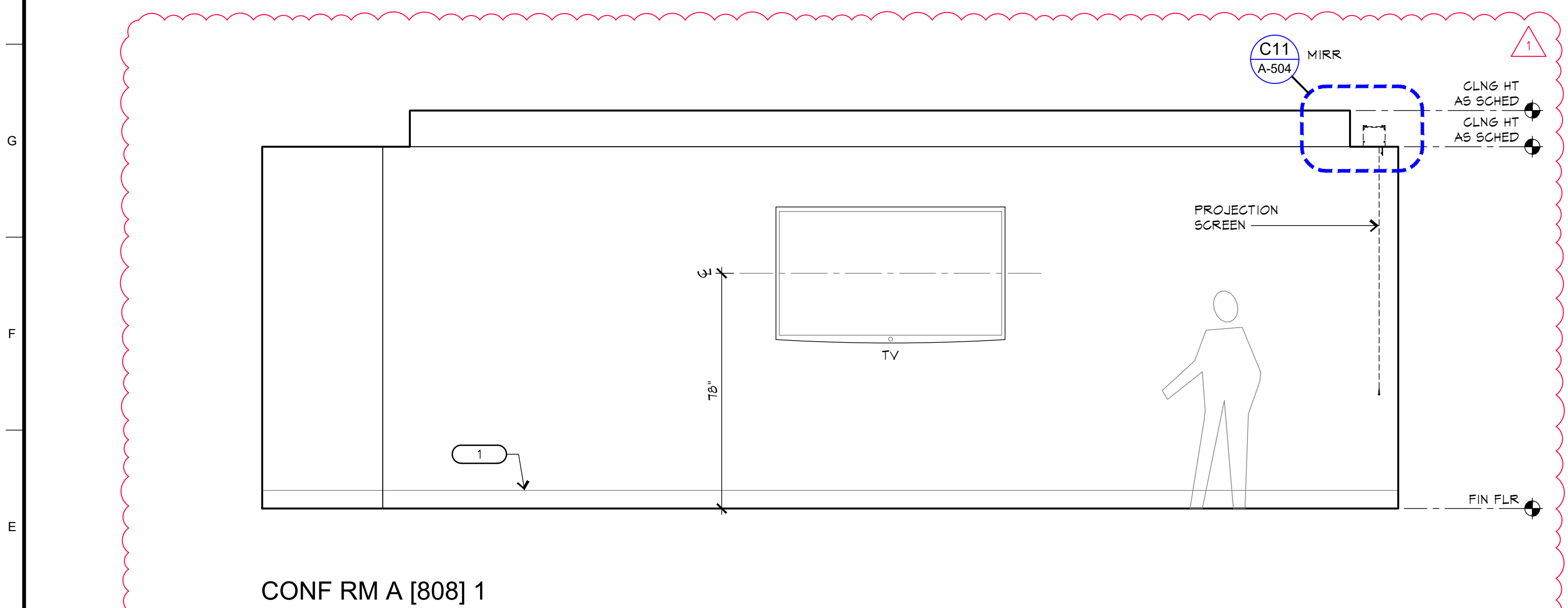
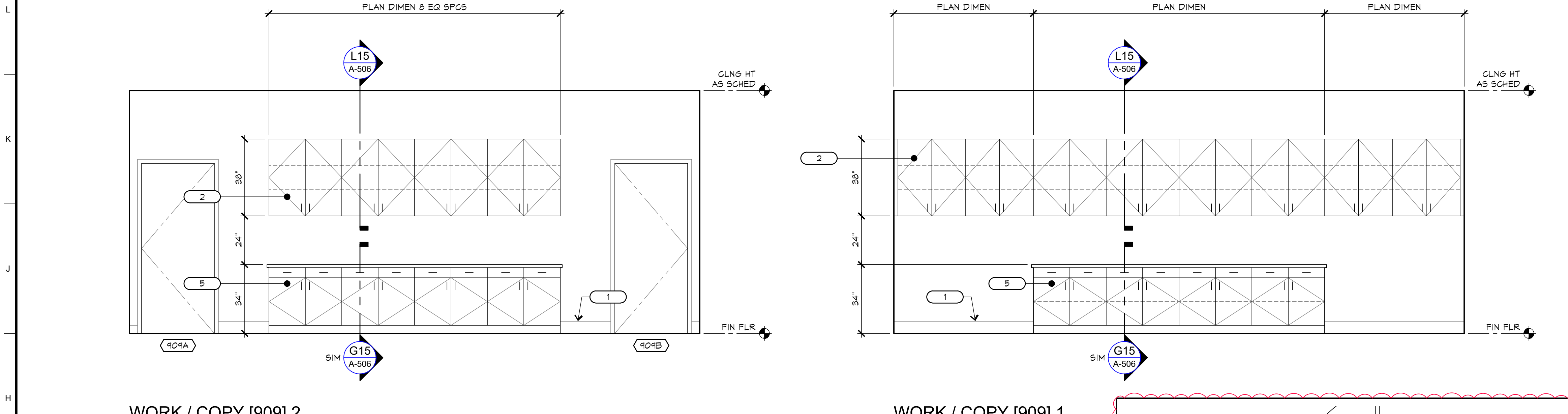
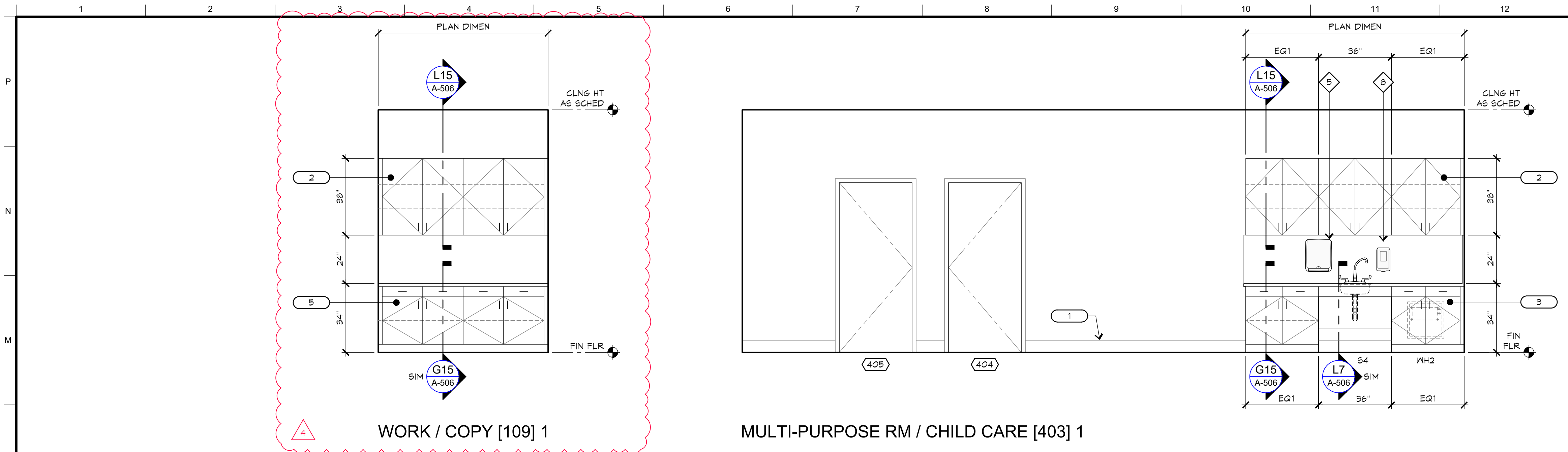
Fresno County Department of
Public Works and Planning
Capital Projects
2220 Tulare Street, 8th Floor
Fresno, California 93721



Sheet No.:
A-107

Sheet 22 of 218
Plot Date: 2025-02-28

A1 FLOOR PLAN AREA D
A-107 SCALE: 1/8" = 1'-0"



A1 INTERIOR ELEVATIONS

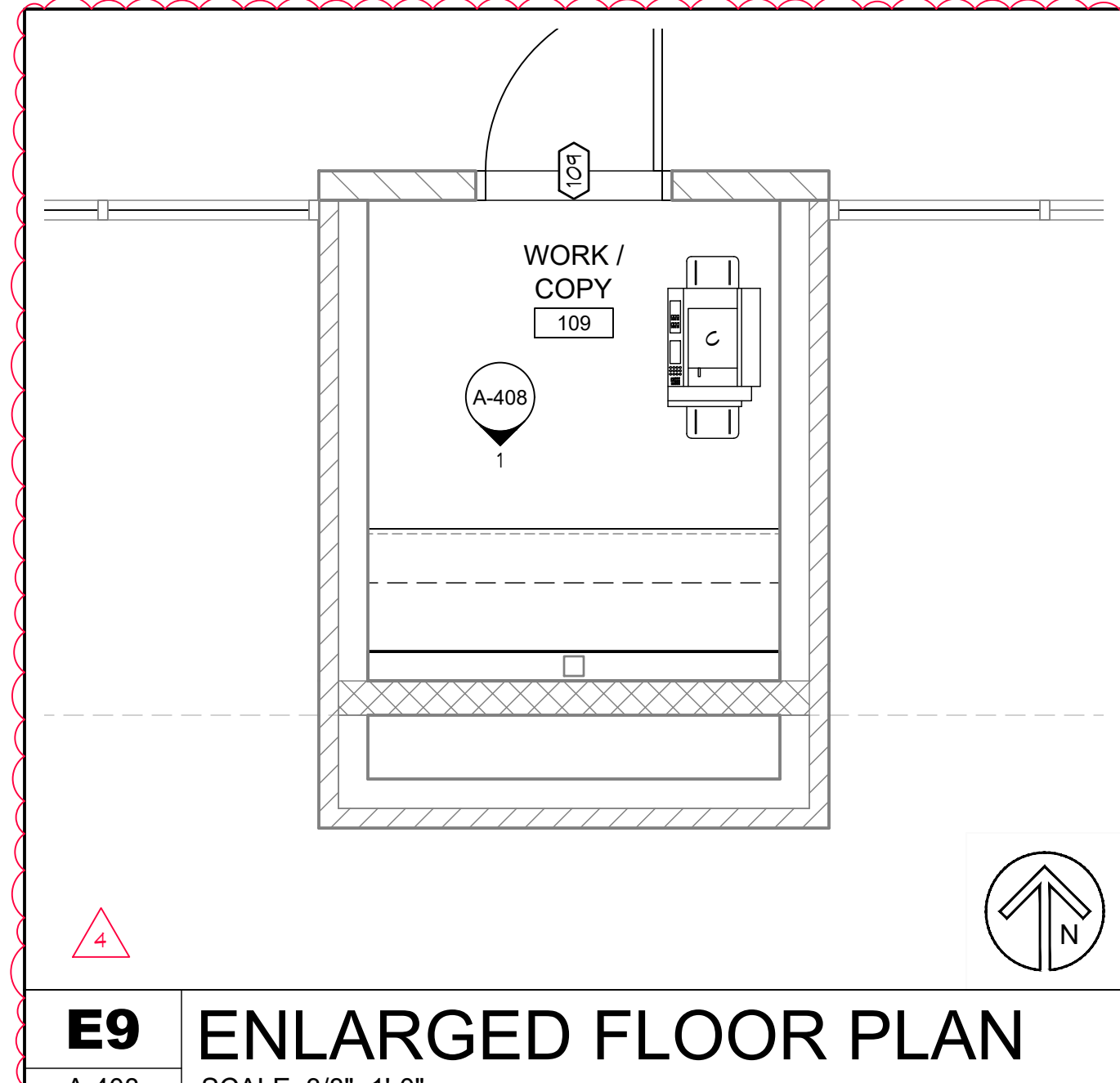
A-408 SCALE: 3/8"=1'-0"

MULTI-PURPOSE RM / CHILD CARE [403] 1

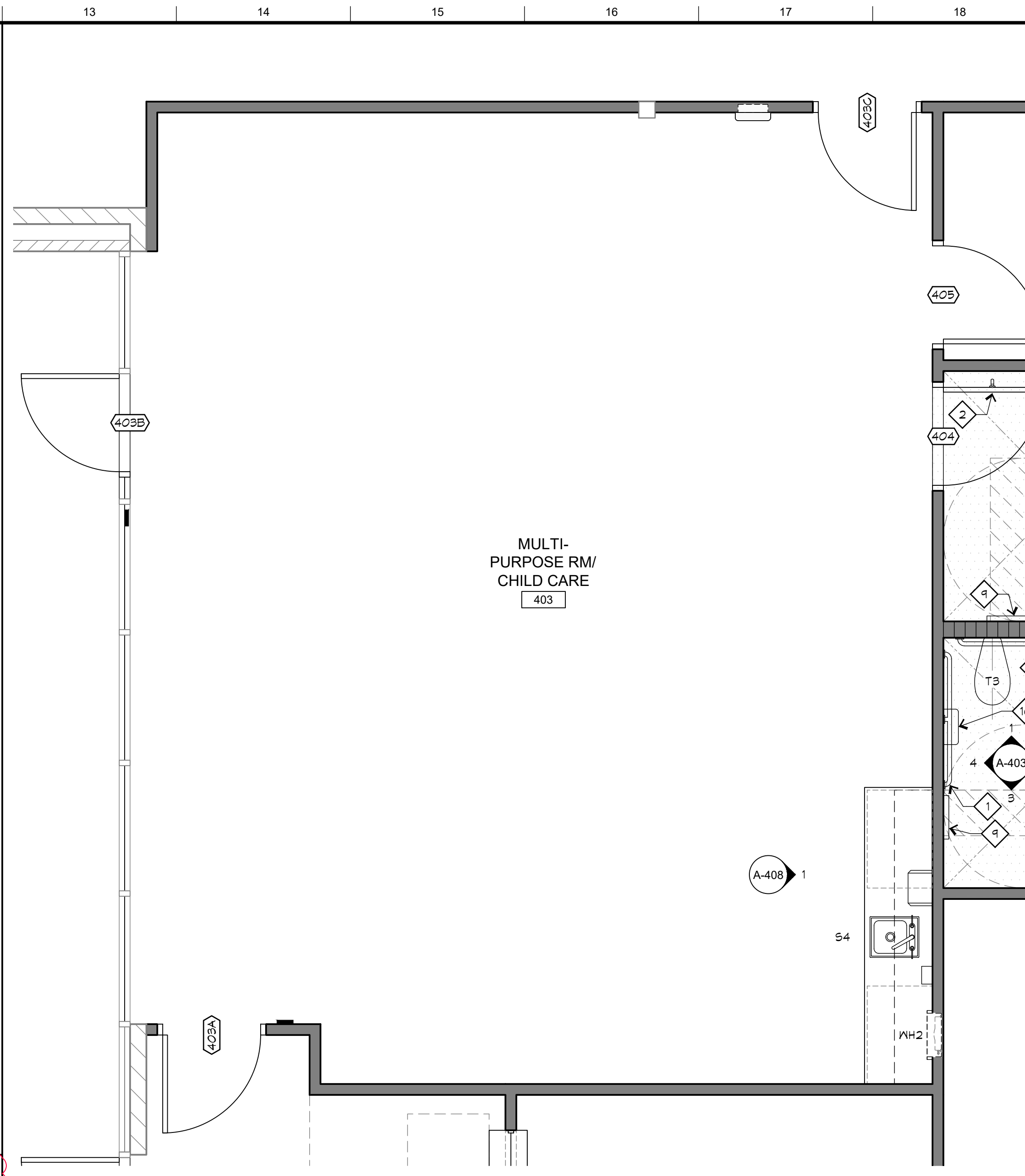
WORK / COPY [909] 1

CONF RM A [808] 1

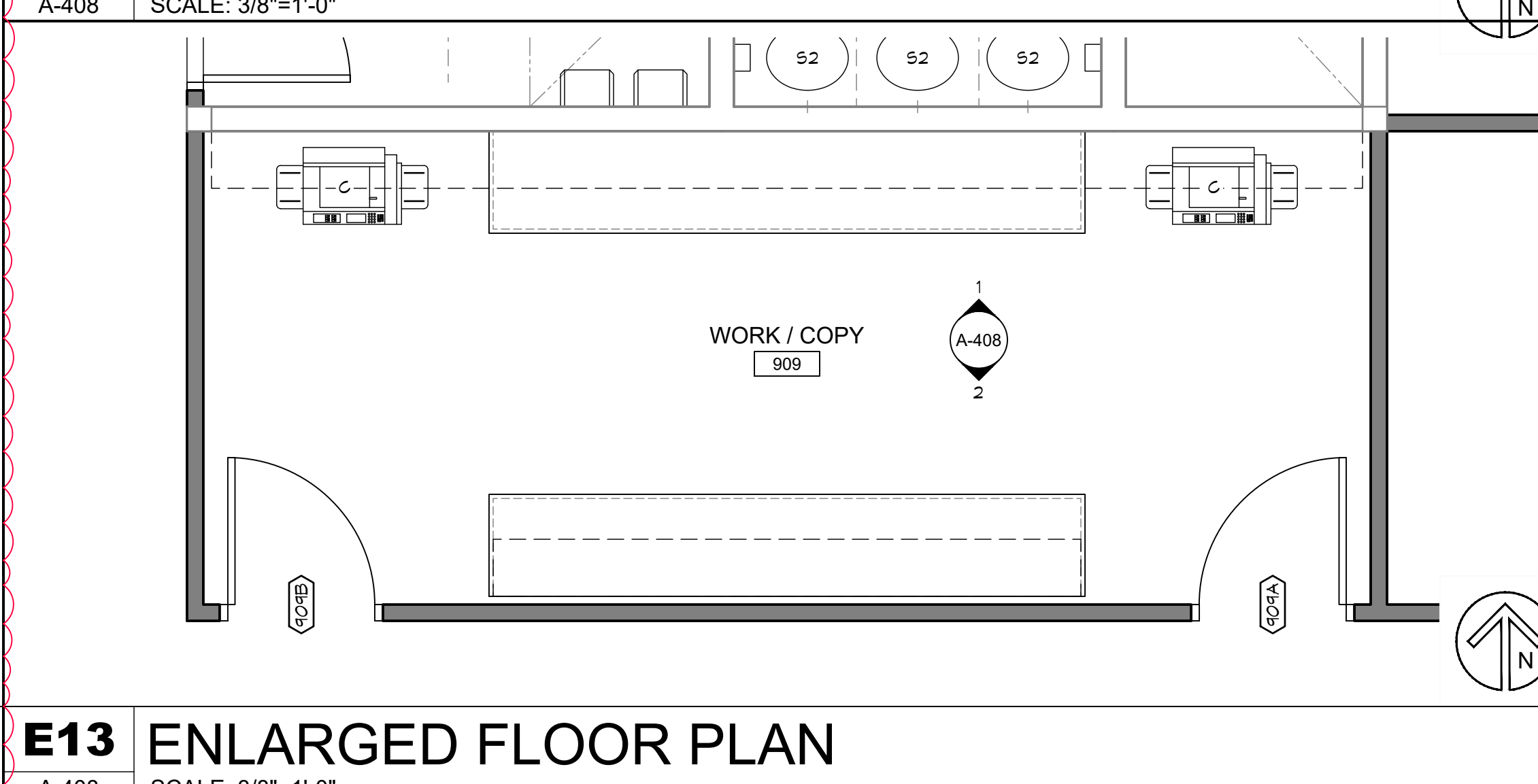
CONF RM B [810] 1



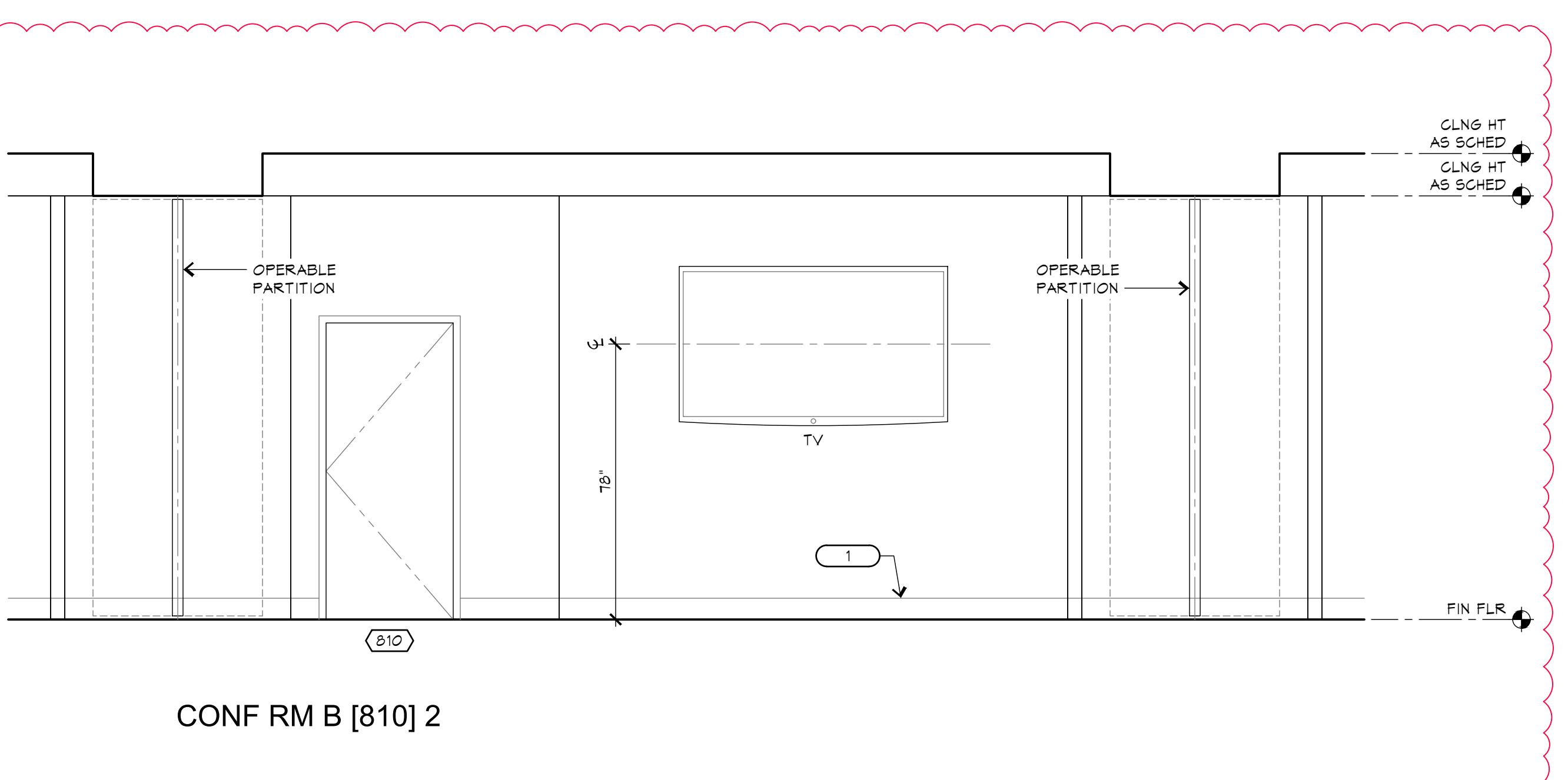
E9 ENLARGED FLOOR PLAN
A-408 SCALE: 3/8"=1'-0"



H13 ENLARGED FLOOR PLAN
A-408 SCALE: 3/8"=1'-0"



E13 ENLARGED FLOOR PLAN
A-408 SCALE: 3/8"=1'-0"



CONF RM B [810] 2

SHEET NOTES

- SEE ALSO 'FIXTURE AND EQUIPMENT LEGEND', SHEETS A-108 THRU A-112
- SEE ALSO 'ACC TOILET STANDARDS', DETAIL A/A-503

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION
1	GRAB BARS, LENGTH AS SHOWN, CFCI, BOBRICK B-6806 OR SIMILAR.
2	HOOK, CFCI, BOBRICK B-682 OR SIMILAR.
3	HOOK, CFCI, TOILET PARTITION MFR'S STANDARD.
4	HOOK STRIP, CFCI, BOBRICK B-252 OR SIMILAR.
5	MIRROR, STAINLESS STEEL CHANNEL FRAME, CFCI, BOBRICK B-165 OR SIMILAR.
6	PAPER TOWEL DISPENSER, CFCI, 6P PRO PACIFIC BLUE ULTRA AUTOMATED 59540 OR SIMILAR.
7	SANITARY NAPKIN DISPOSAL, CFCI, BOBRICK B-254 OR SIMILAR.
8	SHOWER SEAT, CFCI, PART OF ACC SHOWER INSERT, SEE PLUMBING.
9	SOAP DISPENSER, CFCI, 6P PRO PACIFIC BLUE ULTRA AUTOMATED 59540 OR SIMILAR.
10	TOILET SEAT COVER DISPENSER, CFCI, BOBRICK B-221 OR SIMILAR.
11	TOILET TISSUE DISPENSER, CFCI, 6P PRO COMPACT 56788 OR SIMILAR.
12	UTILITY SHELF WITH MOP HOLDERS, CFCI, BOBRICK B-224 OR SIMILAR.
13	SHOWER CURTAIN AND ROD, CFCI, BOBRICK B-207 X 60

KEYNOTES LEGEND

- NOTE: SOME ITEMS IN THIS LEGEND MAY NOT APPEAR ON THIS SHEET.
- BASE AS SCHEDULED.
 - 14" DEEP PLASTIC LAMINATE UPPER CABINET W/ ADJUSTABLE SHELVING.
 - 24" DEEP PLASTIC LAMINATE BASE CABINET W/ SOLID SURFACE COUNTER, FULL HEIGHT SOLID SURFACE BACK SPLASH AND 4" HIGH TOE KICK.
 - 24" DEEP PLASTIC LAMINATE BASE CABINET W/ SOLID SURFACE COUNTER, 4" HIGH SOLID SURFACE BACK SPLASH AND 4" HIGH TOE KICK.
 - 24" DEEP PLASTIC LAMINATE BASE CABINET W/ SOLID SURFACE COUNTER AND 4" HIGH TOE KICK.

- CLARIFICATION
2025-03-03
INTERNAL REV.
PLAN CHECK
2024-01-30



Project:
THE COUNTY OF FRESNO
DEPARTMENT OF BEHAVIORAL HEALTH
OLIVE AVE CAMPUS REMODEL
5555 E Olive Avenue, Fresno, California
APN: 45522312ST
Issue date: 2025-02-28
Project no.: T80373
File name: T80373_A-400_Intr_Elev

Sheet Content:
ENLARGED PLANS
AND INTERIOR
ELEVS



Sheet No.:
A-408

INDOOR UNIT SCHEDULE																		
DESIGNATION	IDU 1A	IDU 1B	IDU 2A	IDU 2B	IDU 3A	IDU 3B	IDU 4A	IDU 4B	IDU 5	IDU 6	IDU 7	IDU 8	IDU 8A	IDU 8B	IDU 10	IDU 11	IDU 12	IDU 13
BLOWER	SUPPLY AIR (CFM)	450	450	450	450	800	800	800	800	300	800	800	800	800	800	500	800	300
	MOCP	-	-	-	-	15	15	15	15	-	-	-	-	15	15	-	-	-
	MCA / FLA (AMPS)	-	-	-	-	- / 0.81	- / 0.81	- / 0.81	- / 0.81	-	-	-	-	- / 0.81	- / 0.81	-	-	-
	VOLTS/PHASE	ODU-1	ODU-1	ODU-2	ODU-2	208-1	208-1	208-1	208-1	ODU-5	ODU-6	ODU-7	ODU-8	208-1	208-1	ODU-10	ODU-11	ODU-13
COOLING	SEER2 / EER2										19 / 10	19 / 10	19 / 10				19 / 10	19 / 10
	SENSIBLE (MBH)	24.0	24.0	24.0	24.0	35.5	35.5	35.5	35.5	12.0	33.0	33.0	33.0	35.5	35.5	21.6	33.0	12.0
	TOTAL (MBH)	24.0	24.0	24.0	24.0	37.0	37.0	37.0	37.0	13.8	34.0	34.0	34.0	38.9	38.9	34.0	34.0	13.8
HEATING	REFRIGERANT	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	CAPACITY (MBH) @47°F	25.6	25.6	25.6	25.6	NA	NA	NA	NA	13.6	NA	NA	NA	NA	NA	21.6	NA	13.6
	COP / HPSF2	3.5	3.5	3.5	3.5	NA	NA	NA	NA	- / 10	NA	NA	NA	NA	NA	- / 9.5	NA	- / 10
FILTER	QUANTITY/SIZE	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY
	TYPE	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8	MERV-8
MANUFACTURER	TYPE	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG
	MODEL NUMBER	LMN249HVT	LMN249HVT	LMN249HVT	LMN249HVT	ARNU363SVA4	ARNU363SVA4	ARNU363SVA4	ARNU363SVA4	LSN120HSV5	LSN363HLV3	LSN363HLV3	LSN363HLV3	ARNU363SVA4	ARNU363SVA4	LS181HSV5	LSN363HLV3	LSN120HSV5
	CONDENSING UNIT	ODU-1	ODU-1	ODU-2	ODU-2	ODU-3	ODU-3	ODU-4	ODU-5	ODU-6	ODU-7	ODU-8	ODU-9	ODU-9	ODU-10	ODU-10	ODU-12	ODU-13
	LOCATION	620	620	713	713	307	307	265	265	249	250	840	840	818	818	924	923	890
	OPER. WT. (LBS)	35	35	35	35	50	50	50	50	30	50	50	50	50	50	40	50	30
	ACCESSORIES	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	2 3 4	2 3 4	1 2 3 4	1 2 3 4	1 2 3 4

1. IDU POWERED BY ODU.
2. MANUFACTURER PROVIDED THERMOSTAT INTERFACE.
3. EMS CONTRACTOR TO PROVIDE WALL MOUNTED NETWORK SENSOR AND JOHNSON METASYS FIELD CONTROLLER
4. FACTORY CONDENSATE PUMP (POWERED BY IDU) W/ OVERFLOW SAFETY SWITCH

NOTE: HIGH PROBABILITY SYSTEM PER CMC 1103.2 IN REGARDS TO REFRIGERANT.

RECTANGULAR DUCT SEISMIC REGULATIONS

24 GA. (LBS/SQFT)	1.00	HANGER SPACING: 8' O.C.	
22 GA. (LBS/SQFT)	1.25		
20 GA. (LBS/SQFT)	1.50		
18 GA. (LBS/SQFT)	2.00		
16 GA. (LBS/SQFT)	2.50		

DUCT DIM. W X D (IN.)		SHEET METAL GA.	CROSS- SECTIONAL AREA (SQFT)	SHEET METAL LBS/FT	P/2
14"	14"	24	1.36	4.7	56"
16"	16"	24	1.78	5.3	64"
18"	14"	22	1.75	6.7	64"
18"	16"	22	2.00	7.1	68"
20"	14"	20	1.94	8.5	68"
20"	16"	20	2.22	9.0	72"
20"	18"	20	2.50	9.5	76"
22"	14"	18	2.14	12.0	72"
22"	16"	18	2.44	12.7	76"
22"	18"	18	2.75	13.3	80"
22"	22"	18	3.36	14.7	88"
24"	10"	18	1.67	11.3	68"
24"	12"	18	2.00	12.0	72"
24"	16"	18	2.67	13.3	80"
24"	18"	18	3.00	14.0	84"
24"	20"	18	3.33	14.7	88"
24"	24"	18	4.00	16.0	96"
26"	14"	18	2.53	13.3	80"
26"	18"	18	3.25	14.7	88"
28"	18"	18	3.50	15.3	92"
30"	16"	18	3.33	15.3	92"
30"	18"	18	3.75	16.0	96"
32"	18"	16	4.00	20.8	100"
38"	18"	16	4.75	23.3	112"
68"	20"	16	9.44	36.7	176"

NOTES:

1. CROSS-SECTIONAL AREA FOR ALL DUCTS IS LESS THAN 6 SQ.FT.

2. ALL DUCTS ARE LESS THAN 20 LBS PER LINEAL FOOT.

3. THE SEPARATION DISTANCE BETWEEN AN UNBRACED COMPONENT AND BRACED ELEMENTS OR COMPONENTS SHALL BE BASED ON A MINIMUM HORIZONTAL DISTANCE OF 12 INCHES. WHEN ADJACENT COMPONENTS ARE ALSO UNBRACED, THIS SEPARATION SHALL BE INCREASED TO A MINIMUM OF 18 INCHES.

ROUND DUCT SEISMIC REGULATIONS

24 GA. (LBS/SQFT)	1.156	HANGER SPACING: 8' O.C.	
22 GA. (LBS/SQFT)	1.406		

DUCT DIAM. (IN.)	GALV. METAL GA.	CROSS- SECTIONAL AREA (SQFT)	GALV. METAL LBS/FT
6"	24	0.20	2.0
8"	24	0.35	2.8
10"	24	0.55	3.1
12"	24	0.79	4.1
14"	24	1.07	4.8
16"	24	1.40	5.5
18"	24	1.77	6.1
20"	24	2.18	6.8
22"	22	2.64	9.1
24"	22	3.14	9.9

NOTES:

1. CROSS-SECTIONAL AREA FOR ALL DUCTS IS LESS THAN 6 SQ.FT.

2. ALL DUCTS ARE LESS THAN 20 LBS PER LINEAL FOOT.

3. THE SEPARATION DISTANCE BETWEEN AN UNBRACED COMPONENT AND BRACED ELEMENTS OR COMPONENTS SHALL BE BASED ON A MINIMUM HORIZONTAL DISTANCE OF 12 INCHES. WHEN ADJACENT COMPONENTS ARE ALSO UNBRACED, THIS SEPARATION SHALL BE INCREASED TO A MINIMUM OF 18 INCHES.

OUTDOOR UNIT SCHEDULE													
DESIGNATION	ODU 1	ODU 2	ODU 3	ODU 4	ODU 5	ODU 6	ODU 7	ODU 8	ODU 9	ODU 10	ODU 11	ODU 12	ODU 13
COOLING CAPACITY (MBH)	48.0	48.0	72.0	72.0	12.0	33.0	33.0	33.0	33.0	72.0	18.0	33.0	12.0
HEATING CAPACITY (MBH)	54	54	81	81	13.6	35.2	35.2	35.2	35.2	81	21.6	35.2	13.6
NOMINAL TONS	4	4	6	6	1	3	3	3	3	6	1.5	3	1
VOLTS/PHASE	208/1	208/1	460/3	460/3	208/1	208/1	208/1	208/1	208/1	460/3	208/1	208/1	208/1
FLA	29.2	29.2	10.8	10.8	7.4	15.3	15.3	15.3	15.3	10.8	15.1	15.3	7.4
MCA / MOCP	32.7 / 40	32.7 / 40	12.8 / 20	12.8 / 20	10 / 15	23 / 30	23 / 30	23 / 30	23 / 30	12.8 / 20	19 / 30	23 / 30	10 / 15
SEER2 / EER2 (AT ARI)	20.8 / 12.8	20.8 / 12.8	18.9 (IEER) / 10.4	18.9 (IEER) / 10.4	22 / 12.5	19 / 10	19 / 10	19 / 10	18.9 (IEER) / 10.4	22 / 12.55	19 / 10	19 / 10	22 / 12.5
COP / HPSF2	3.5 / 9.5	3.5 / 9.5	3.83 / -	3.83 / -	- / 10	- / 7.9	- / 7.9	- / 7.9	- / 7.9	3.83 / -	- / 9.5	- / 7.9	- / 10
AMBIENT (°F)	105	105	105	105	105	105	105	105	105	105	105	105	105
REFRIG. LINE SIZE													
LIQUID (IN. OD)	3/8	3/8	3/8	3/8	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/4
SUCTION (IN. OD)	3/4	3/4	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	3/8
REFRIG. TYPE	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
MANUFACTURER	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG
	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
	MODEL NUMBER	LMU481HV	LMU481HV	ARUM072DTE5	ARUM120HSV5	LSU363HLV3	LSU363HLV3	LSU363HLV3	LSU363HLV3	ARUM072DTE5	LSU18HSV5	LSU363HLV3	LSU120HSV5
	OPER. WT. (LBS)	250	250	450	450	100	180	180	180	450	120	180	100
ACCESSORIES	1 2 3	1 2 3	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2

1. ELECTRICAL CONTRACTOR TO PROVIDE INTERLOCK POWER WIRING
2. BACNET ENABLED
3. PROVIDE FACTORY 2-PORT BRANCH DISTRIBUTION UNIT PMBD3620. POWERED BY ODU.

EXHAUST FAN SCHEDULE													
DESIGNATION	EF 1	EF 2	EF 3	EF 4	EF 5	EF 6	EF 7	EF 8	EF 9	EF 10	EF 11	EF 12	EF 13
CFM	1125	200	1025	875	200	1225	200	300	100	100	100	50	100
EXT. S.P. (IN. WC)	0.2"	0.2"	0.2"	0.2"	0.2"	0.2"	0.2"	0.5"	0.1"	0.1"	0.1"	0.1"	0.1"
HP / BHP	1/4 / 0.19	1/8 / 0.02	1/6 / 0.15	1/6 / 0.15	1/8 / 0.02	1/2 / 0.23	1/8 / 0.02	1/8 / 0.04	1/20 / 0.03	1/20 / 0.03	1/20 / 0.03	1/30 / 0.02	1/20 / 0.03
VOLTS / PHASE	115/1	115/1	115/1	115/1	115/1	115/1	115/1	115/1	115/1	115/1	115/1	115/1	115/1
RPM	1507	1231	1595	1532	1231	1620	1231	1519	608	608	608	634	608
TIP SPEED/ SONES	- / 12.7	- / 4.2	- / 12.1	- / 11.2	- / 4.2	- / 14.6	- / 4.8	- / 4.8	- / -	- / -	- / -	- / -	- / -
DRIVE	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT
MOUNTING	CURB	CURB	CURB	CURB	CURB	CURB	CURB	CURB	CEILING	CEILING	CEILING	CEILING	CEILING
MANUFACTURER	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY	TWIN CITY
TYPE	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	CEILING	CEILING	CEILING	CEILING	CEILING
MODEL NUMBER	VC-120	VC-085	VC-112	VC-112	VC-085	VC-120	VC-089	VC-089	T-150LPH	T-150LPH	T-150LPH	T-080LPH	T-150LPH
CONTROL	EMS	EMS	EMS	EMS	EMS	EMS	EMS	EMS	INTERLOCK	INTERLOCK	INTERLOCK	INTERLOCK	INTERLOCK
SERVES	AC-5	AC-7	AC-19	AC-20	AC-13	AC-14	AC-17	AC-16, 21 & 23	IDU-1	IDU-2	IDU-5	IDU-7	IDU-10
LOCATION	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	[820]	[713]	[249]	[839]	[924]
OPER. WT. (LBS)	100	80	80	80	80	100	80	80	15	15	15	15	15
ACCESSORIES	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	2 5	2 5	2 5	2 5	2 5

1. EXISTING SLOPED CURB
2. FACTORY PROVIDED BIRDSCREEN AND ALUMINUM BACKDRAFT DAMPER
3. FACTORY PROVIDED 0-10 VDC
4. FACTORY PROVIDED NEMA 1 DISCONNECT SWITCH (UNFUSED) - FIELD INSTALLED
5. TITLE 20 COMPLIANT

GRILLE SCHEDULE		
MARK	DUTY	DESCRIPTION
A	CEILING SUPPLY	NAILOR 7500-L MODULAR CORE DIFFUSER WITH SQUARE OR RECTANGULAR NECK DIFFUSER FOR STD. LAY-IN CEILING, AND OFF-WHITE FINISH. (18"x18" NECK ADAPTER SIZE SHOWN).
B	CEILING RETURN / EXHAUST	NAILOR 51EC-L ALUMINUM EGG CRATE REGISTER WITH 1/2" x 1/2" GRID, FOR LAY-IN CEILING, AND OFF-WHITE FINISH.
C	CEILING SUPPLY	NAILOR 7500-S MODULAR CORE DIFFUSER WITH SQUARE OR RECTANGULAR NECK DIFFUSER FOR SURFACE MOUNTING, AND OFF-WHITE FINISH.
D	CEILING RETURN / EXHAUST	NAILOR 51EC-S ALUMINUM EGG CRATE REGISTER WITH 1/2" x 1/2" GRID, FOR SURFACE MOUNTING WITH OFF-WHITE FINISH.

4. CLARIFICATION
2025-03-03
INTERNAL REV.
PLAN CHECK
2024-09-30



Project:
THE COUNTY OF FRESNO
DEPARTMENT OF BEHAVIORAL HEALTH
OLIVE AVE CAMPUS REMODEL
5555 E Olive Avenue, Fresno, California
APN: 45522312ST
Issue date: 2025-02-25
Project no.: T80317
File name: M101-M104 Mechanical Schedules

Sheet Content:
MECHANICAL
SCHEDULES

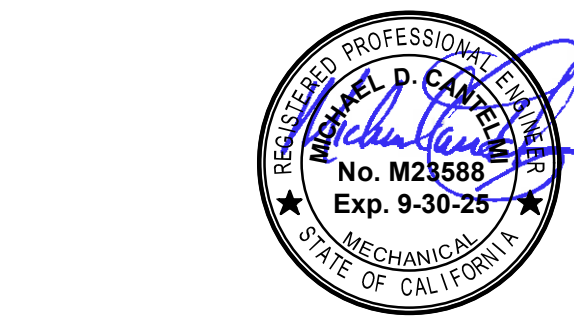
Fresno County Department of
Public Works and Planning
Capital Projects
2220 Tulare Street, 8th Floor
Fresno, California 93721

Sheet No.:

M-104

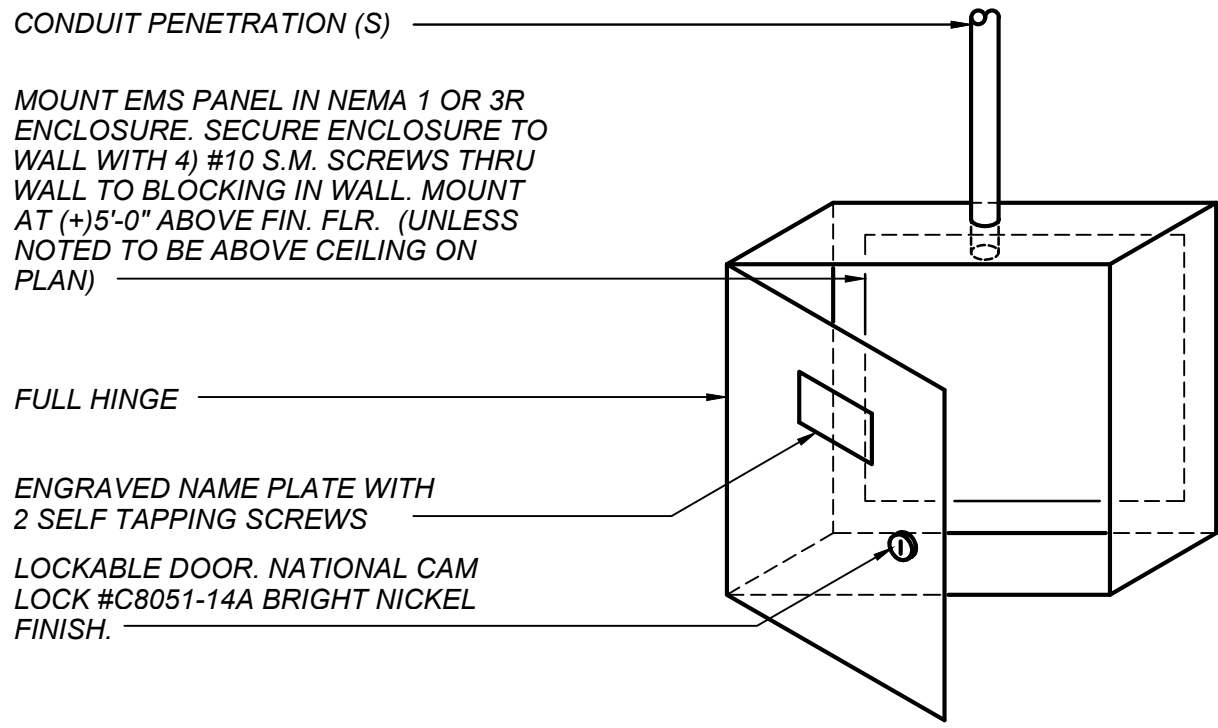
Sheet 105 of 218

Plot Date: 2025-02-25



LAWRENCE
ENGINEERING GROUP
4110 E. Clinton Way, Suite 101

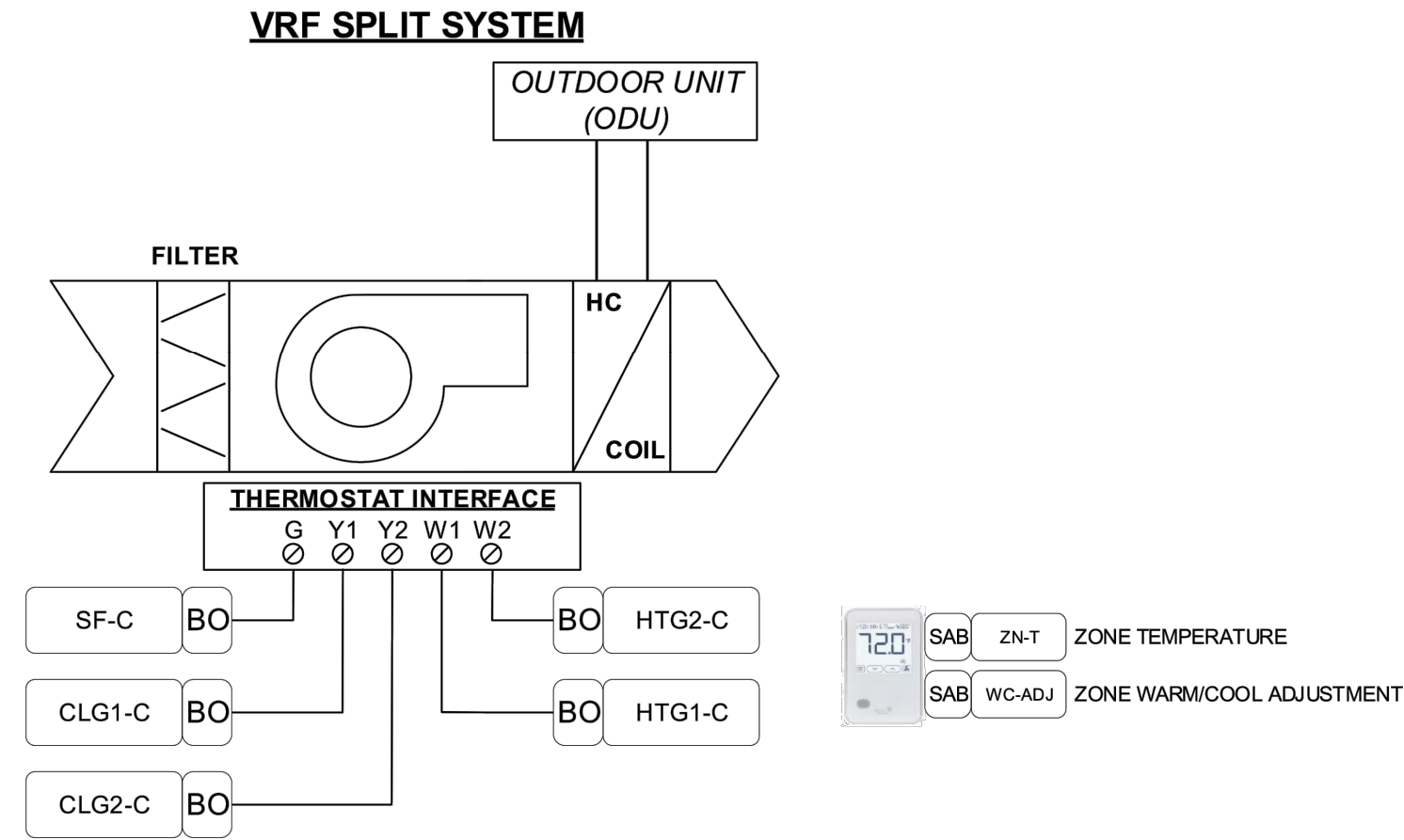
25 February 2025 4:11 PM F:\2024\2009 Fresno County Behavioral Health Remodel\4-Drawings\4 M\105-M107 Mechanical Details.dwg chris



EMS PANEL ENCLOSURE DETAIL

SCALE: NONE

D
M-107

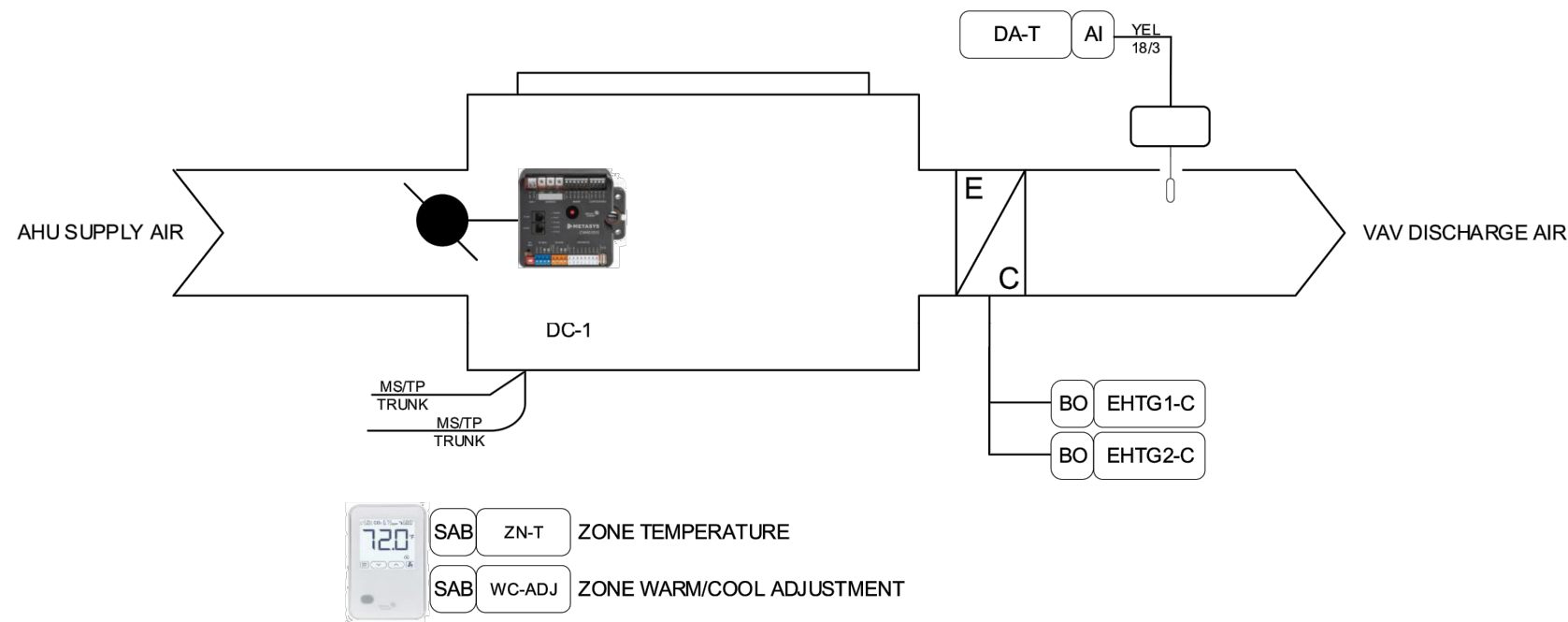


CONTROL DETAIL - SPLIT SYSTEM

SCALE: NONE

A
M-107

VARIABLE AIR VOLUME BOX WITH ELECTRIC REHEAT

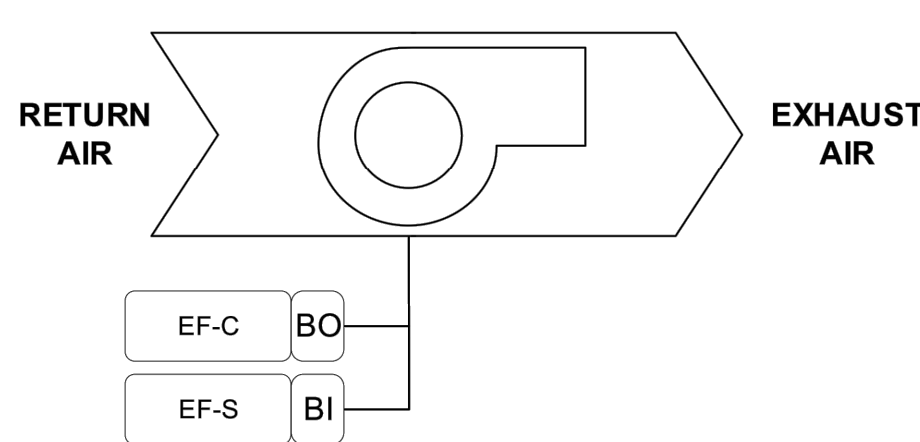


CONTROL DETAIL - VAV W/ ELEC. REHEAT

SCALE: NONE

B
M-107

EXHAUST FAN



CONTROL DETAIL - EXHAUST FAN

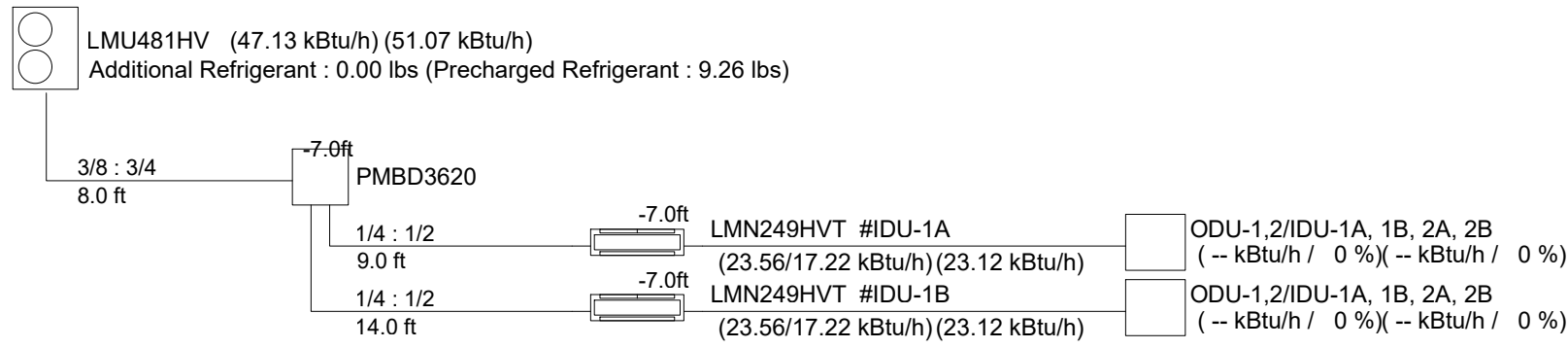
SCALE: NONE

C
M-107

PIPING DIAGRAM FOR ODU-1,2

SCALE: NONE

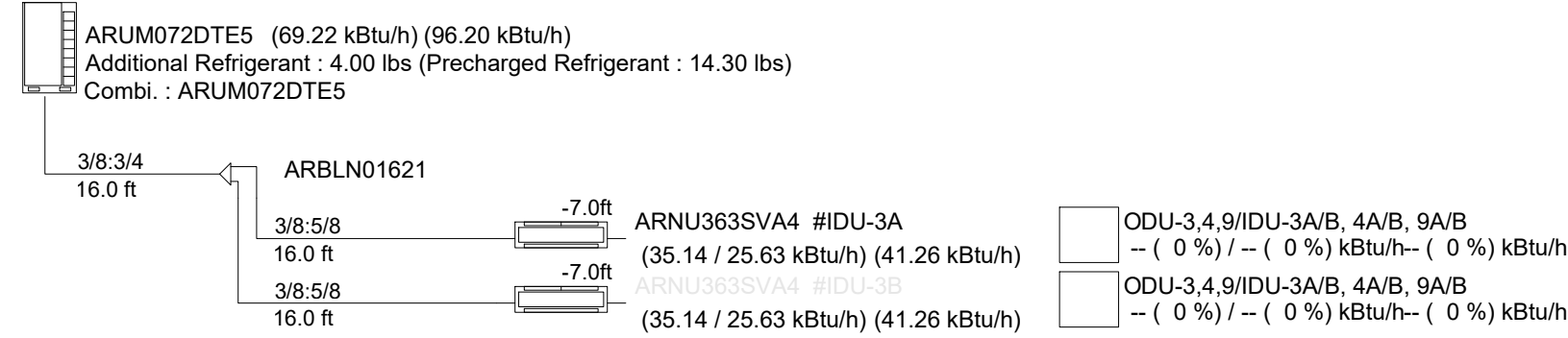
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PIPING DIAGRAM FOR ODU-3,4,9

SCALE: NONE

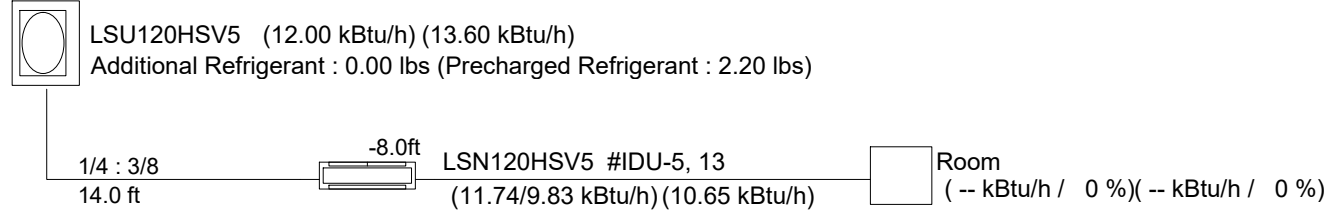
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PIPING DIAGRAM FOR ODU-5,13

SCALE: NONE

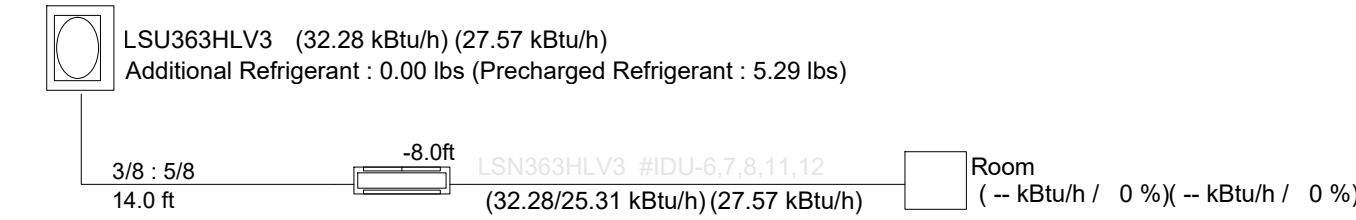
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PIPING DIAGRAM FOR ODU-6,7,8,11,12

SCALE: NONE

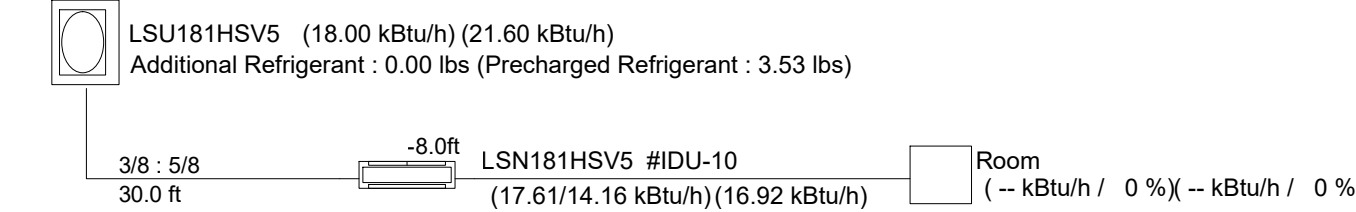
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M-107



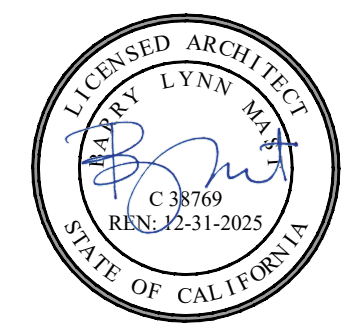
PIPING DIAGRAM FOR ODU-10

SCALE: NONE

J
M-107



CLARIFICATION
2025-03-03
PLAN CHECK
2024-09-30



ARCHITECT:
Barry Lynn Mast, Architect
California License Architect No. C 38769
Plan: 12-31-2025
Fresno County Department of
Public Works and Planning
Development Services and
Capital Projects Division
C 38769
RFS-12-31-2025
Fresno, California 93721
Office: (559) 600-4536
Email: bman@fresnocountyca.gov

Project:
THE COUNTY OF FRESNO
DEPARTMENT OF BEHAVIORAL HEALTH
OLIVE AVE CAMPUS REMODEL
5555 E Olive Avenue, Fresno, California
APN: 45522312ST
Issue date: 2025-02-25
Project no.: T80317
File name: M105-M107 Mechanical Details

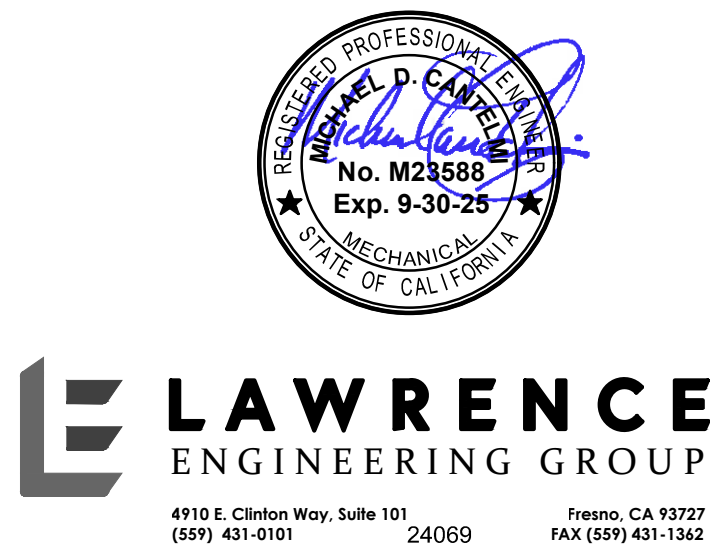
Sheet Content:
MECHANICAL
DETAILS



Sheet No.:

M-107

Sheet 108 of 218



LAWRENCE
ENGINEERING GROUP

4110 E. Clinton Way, Suite 101
(559) 431-9101 24069 Fresno, CA 93727
FAX (559) 431-1363

Plot Date: 2025-02-25

CABLE AND CONDUIT SCHEDULE

NO.	QTY	SIZE	NO. WIRES	WIRE SIZE	GND	TAG	FUNCTION	FROM	TO
1			Per Rule 16/Utility				(N) Main Service Primary	PG&E Service	PG&E Transformer
2			Per Rule 16/Utility				(N) Main Service Secondary	PG&E Transformer	(N) 4000A Main Utility Switchboard
3	2	4"	8 (2/PH)	#600MCM	#2/0		(N) Panel A-AC	(N) 4000A Main Utility Switchboard	(N) Panel A-AC
4	2	4"	8 (2/PH)	#600MCM	#2/0		(N) Panel B-AC	(N) 4000A Main Utility Switchboard	(N) Panel B-AC
5	2	4"	8 (2/PH)	#600MCM	#2/0		(N) Panel C-AC	(N) 4000A Main Utility Switchboard	(N) Panel C-AC
6	2	4"	8 (2/PH)	#600MCM	#2/0		(N) Panel D-AC	(N) 4000A Main Utility Switchboard	(N) Panel D-AC
7	2	3"	8 (2/PH)	#4/0	#1		(N) Panel A-VAV	(N) Panel A-AC	(N) Panel A-VAV
8	2	3"	8 (2/PH)	#4/0	#1		(N) Panel B-VAV	(N) Panel B-AC	(N) Panel B-VAV
9	2	3"	8 (2/PH)	#4/0	#1		(N) Panel C-VAV	(N) Panel C-AC	(N) Panel C-VAV
10	2	3"	8 (2/PH)	#4/0	#1		(N) Panel D-VAV	(N) Panel D-AC	(N) Panel D-VAV
11	3	4"	12 (3/PH)	#600MCM	#4/0		(E) Distribution Bus Feeder	(N) 4000A Main Utility Switchboard	1200A Feed to (E) Distrubtion Bus
12	1	2.5"	4	#3/0	#2		(N) Panel MBS UPS Input 1 - Normal	(E) Distribution Bus 'A'	(N) Panel MBS
13	1	2.5"	4	#3/0	#2		(N) Panel MBS UPS Input 2 - Bypass	(E) Distribution Bus 'B'	(N) Panel MBS
14	1	3"	5	#300MCM	#1		UPS Distribution Panel	(N) Panel MBS	UPS Distribution Panel
15	1	2.5"	4	#3/0	#1		(N) Panel MDF - 890	UPS Distribution Panel	(N) Panel MDF - 890
16	1	2"	4	#1	#6		(N) Panel IDF - 923	UPS Distribution Panel	(N) Panel IDF - 923
17	1	2"	4	#1	#6		(N) Panel IDF - 840	UPS Distribution Panel	(N) Panel IDF - 840
18	1	2"	4	#1	#6		(N) Panel IDF - 307	UPS Distribution Panel	(N) Panel IDF - 307
19	1	2"	4	#1	#6		(N) Panel IDF - 265	UPS Distribution Panel	(N) Panel IDF - 265
20	1	3/4"	2	#10	#10		Site Lighting	Panel Site	Site Lighting
21	1	3/4"	2	#10	#10		Gate Controllers/Motors	Panel Site	Gate Controllers/Motors - xfmsr
22									
23	1	3/4"	2	#10	#10		Area A Lighting	(N) Panel A-LT	Area A Lighting
24	1	3/4"	2	#10	#10		Area B Lighting	(N) Panel B-LT	Area B Lighting
25	1	3/4"	2	#10	#10		Area C Lighting	(N) Panel C-LT	Area C Lighting
26	1	3/4"	2	#10	#10		Area D Lighting	(N) Panel D-LT	Area D Lighting
27	1	3/4"	2	#10	#10		Area A Receptacles	Panels A-RECP & A1-RECP	Area A Receptacles
28	1	3/4"	2	#10	#10		Area B Receptacles	Panels B-RECP & B1-RECP	Area B Receptacles
29	1	3/4"	2	#10	#10		Area C Receptacles	Panels C-RECP & C1-RECP	Area C Receptacles
30	1	3/4"	2	#10	#10		Area D Receptacles	Panels D-RECP & D1-RECP	Area D Receptacles
31	1	3/4"	2	#10	#10		Area A Dedicated Circuits - 120V	Panel A-SP	Area A Dedicated Branch Circuits
32	1	3/4"	2	#10	#10		Area B Dedicated Circuits - 120V	Panel B-SP	Area B Dedicated Branch Circuits
33	1	3/4"	2	#10	#10		Area C Dedicated Circuits - 120V	Panel C-SP	Area C Dedicated Branch Circuits
34	1	3/4"	2	#10	#10		Area D Dedicated Circuits - 120V	Panel D-SP	Area D Dedicated Branch Circuits
35	1	3/4"	3	#8	#8		Area A Dedicated Circuits - 208V	Panel A-SP	Area A Dedicated Branch Circuits
36	1	3/4"	3	#8	#8		Area B Dedicated Circuits - 208V	Panel B-SP	Area B Dedicated Branch Circuits
37	1	3/4"	3	#8	#8		Area C Dedicated Circuits - 208V	Panel C-SP	Area C Dedicated Branch Circuits
38	1	3/4"	3	#8	#8		Area D Dedicated Circuits - 208V	Panel D-SP	Area D Dedicated Branch Circuits
39	1	3/4"	3	#8	#8	VAV 1-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 1-1
40	1	3/4"	2	#10	#10	VAV 1-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 1-2
41	1	3/4"	2	#8	#8	VAV 1-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 1-3
42	1	3/4"	3	#10	#10	VAV 2-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 2-1
43	1	3/4"	2	#10	#10	VAV 2-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 2-2
44	1	3/4"	3	#10	#10	VAV 2-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 2-3
45	1	3/4"	3	#10	#10	VAV 3-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 3-1
46	1	3/4"	2	#8	#8	VAV 3-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 3-2
47	1	3/4"	2	#8	#8	VAV 3-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 3-3
48	1	3/4"	2	#8	#8	VAV 4-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 4-1
49	1	3/4"	2	#8	#8	VAV 4-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 4-2
50	1	3/4"	2	#8	#8	VAV 4-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 4-3
51	1	3/4"	2	#10	#10	VAV 7-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 7-1
52	1	3/4"	2	#10	#10	VAV 7-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 7-2
53	1	3/4"	2	#10	#10	VAV 7-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 7-3
54	1	3/4"	2	#10	#10	VAV 7-4	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 7-4
55	1	3/4"	3	#10	#10	VAV 7-5	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 7-5
56	1	3/4"	3	#10	#10	VAV 19-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 19-1
57	1	3/4"	2	#8	#8	VAV 19-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel A-VAV	VAV 19-2
58	1	3/4"	2	#8	#8	VAV 5-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 5-1
59	1	3/4"	2	#8	#8	VAV 5-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 5-2
60	1	3/4"	2	#10	#10	VAV 5-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 5-3
61	1	3/4"	3	#10	#10	VAV 5-4	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 5-4
62	1	3/4"	2	#8	#8	VAV 6-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 6-1
63	1	3/4"	2	#8	#8	VAV 6-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 6-2
64	1	3/4"	2	#6	#8	VAV 6-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 6-3
65	1	3/4"	2	#8	#8	VAV 6-4	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 6-4
66	1	3/4"	2	#8	#8	VAV 8-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 8-1
67	1	3/4"	2	#6	#8	VAV 8-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 8-2
68	1	3/4"	2	#8	#8	VAV 8-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 8-3
69	1	3/4"	2	#8	#8	VAV 8-4	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 8-4
70	1	3/4"	2	#6	#8	VAV 9-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 9-1
71	1	3/4"	3	#10	#10	VAV 9-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 9-2
72	1	3/4"	2	#8	#8	VAV 9-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 9-3
73	1	3/4"	2	#8	#8	VAV 10-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 10-1
74	1	3/4"	2	#8	#8	VAV 10-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 10-2
75	1	3/4"	2	#8	#8	VAV 10-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 10-3
76	1	3/4"	2	#10	#10	VAV 10-4	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel B-VAV	VAV 10-4

NO.	QTY	SIZE	NO. WIRES	WIRE SIZE	GND	TAG	FUNCTION	FROM	TO
77	1	3/4"	2	#12	#12	VAV 14-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 14-1
78	1	3/4"	2	#12	#12	VAV 14-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 14-2
79	1	3/4"	2	#8	#8	VAV 14-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 14-3
80	1	3/4"	2	#10	#10	VAV 14-4	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 14-4
81	1	3/4"	2	#10	#10	VAV 14-5	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 14-5
82	1	3/4"	2	#8	#8	VAV 14-6	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 14-6
83	1	3/4"	2	#8	#8	VAV 15-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 15-1
84	1	3/4"	2	#6	#8	VAV 15-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 15-2
85	1	3/4"	2	#6	#8	VAV 15-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 15-3
86	1	3/4"	3	#8	#8	VAV 17-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 17-1
87	1	3/4"	2	#8	#8	VAV 17-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 17-2
88	1	3/4"	3	#8	#8	VAV 17-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 17-3
89	1	3/4"	3	#6	#8	VAV 18-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 18-1
90	1	3/4"	2	#8	#8	VAV 18-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 18-2
91	1	3/4"	2	#6	#8	VAV 18-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 18-3
92	1	3/4"	2	#6	#8	VAV 24-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 24-1
93	1	3/4"	2	#6	#8	VAV 24-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 24-2
94	1	3/4"	2	#8	#8	VAV 24-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel C-VAV	VAV 24-3
95	1	3/4"	2	#8	#8	VAV 11-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 11-1
96	1	3/4"	2	#8	#8	VAV 11-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 11-2
97	1	3/4"	2	#8	#8	VAV 11-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 11-3
98	1	3/4"	3	#10	#10	VAV 12-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 12-1
99	1	3/4"	2	#8	#8	VAV 12-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 12-2
100	1	3/4"	2	#6	#8	VAV 12-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 12-3
101	1	3/4"	2	#8	#8	VAV 13-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 13-1
102	1	3/4"	3	#10	#10	VAV 13-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 13-2
103	1	3/4"	2	#8	#8	VAV 13-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 13-3
104	1	3/4"	3	#8	#8	VAV 13-4	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 13-4
105	1	3/4"	2	#8	#8	VAV 16-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 16-1
106	1	3/4"	3	#8	#8	VAV 16-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 16-2
107	1	3/4"	3	#8	#8	VAV 16-3	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 16-3
108	1	3/4"	2	#10	#10	VAV 16-4	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 16-4
109	1	3/4"	2	#8	#8	VAV 21-1	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 21-1
110	1	3/4"	3	#10	#10	VAV 21-2	Variable Air Volume (VAV) with Electric Re-Heat	(N) Panel D-VAV	VAV 21-2
111	1	1"	3	#6	#8	AC-1	Air Conditioner Unit	(N) Panel A-AC	AC-1
112	1	1"	3	#6	#8	AC-2	Air Conditioner Unit	(N) Panel A-AC	AC-2
113	1	1"	3	#6	#8	AC-3	Air Conditioner Unit	(N) Panel A-AC	AC-3
114	1	1"	3	#6	#8	AC-4	Air Conditioner Unit	(N) Panel A-AC	AC-4
115	1	1"	3	#6	#8	AC-7	Air Conditioner Unit	(N) Panel A-AC	AC-7
116	1	1"	3	#6	#8	AC-19	Air Conditioner Unit	(N) Panel A-AC	AC-19
117	1	1"	3	#6	#8	AC-5	Air Conditioner Unit	(N) Panel B-AC	AC-5
118	1	1"	3	#6	#8	AC-6	Air Conditioner Unit	(N) Panel B-AC	AC-6
119	1	1"	3	#4	#8	AC-8	Air Conditioner Unit	(N) Panel B-AC	AC-8
120	1	1"	3	#4	#8	AC-9	Air Conditioner Unit	(N) Panel B-AC	AC-9
121	1	1"	3	#6	#8	AC-10	Air Conditioner Unit	(N) Panel B-AC	AC-10
122	1	3/4"	3	#10	#10	ODU-9	Outdoor Unit	(N) Panel B-AC	ODU-9
123	1	1"	3	#4	#8	AC-14	Air Conditioner Unit	(N) Panel C-AC	AC-14
124	1	1"	3	#6	#8	AC-15	Air Conditioner Unit	(N) Panel C-AC	AC-15
125	1	1"	3	#6	#8	AC-17	Air Conditioner Unit	(N) Panel C-AC	AC-17
126	1	1"	3	#6	#8	AC-18	Air Conditioner Unit	(N) Panel C-AC	AC-18
127	1	1"	3	#6	#8	AC-24	Air Conditioner Unit	(N) Panel C-AC	AC-24
128	1	3/4"	3	#10	#10	ODU-4	Outdoor Unit	(N) Panel C-AC	ODU-4
129	1	1"	3	#6	#8	AC-11	Air Conditioner Unit	(N) Panel D-AC	AC-11
130	1	1"	3	#6	#8	AC-12	Air Conditioner Unit	(N) Panel D-AC	AC-12
131	1	1"	3	#6	#8	AC-13	Air Conditioner Unit	(N) Panel D-AC	AC-13
132	1	1"	3	#6	#8	AC-16	Air Conditioner Unit	(N) Panel D-AC	AC-16
133	1	3/4"	3	#8	#8	AC-20	Air Conditioner Unit	(N) Panel D-AC	AC-20
134	1	3/4"	3	#10	#10	AC-21	Air Conditioner Unit	(N) Panel D-AC	AC-21
135	1	3/4"	3	#10	#10	AC-22	Air Conditioner Unit	(N) Panel D-AC	AC-22
136	1	3/4"	3	#10	#10	AC-23	Air Conditioner Unit	(N) Panel D-AC	AC-23
137	1	3/4"	3	#10	#10	ODU-3	Outdoor Unit	(N) Panel D-AC	ODU-3

138									
139	2	4"	8 (2/PH)	#600MCM	#2/0		Panel A-SP	Existing T10	Panel A-SP
140	1	3"	4	#4/0	#1		Panel A-SP	Panel A-SP	Panel B-SP
141	1	3"	4	#4/0	#1		Panel D-SP	Panel A-SP	Panel D-SP
142									
143									

1234567891011121314151617181920

EXTERIOR FIXTURE SCHEDULE

DESIG	DESCRIPTION	MOUNT	VOLTS	WATTS	MFG'R	MODEL	QTY
E1	AREA SINGLE HEAD	POLE	277	124	LUMARK	NVN-SA3B-740-U-SWQ-A15-BZ-LCF-MS/DIM-L40	1
E2	AREA DUAL HEAD	POLE	277	248	LUMARK	(2)NVN-SA3B-740-U-SWQ-A15-BZ-LCF-MS/DIM-L40	5
E3	AREA SINGLE HEAD	POLE	277	166	LUMARK	NVN-SA3C-740-U-T4W-A15-BZ-LCF-MS/DIM-L40	13
E4	POST TOP	POLE	277	66	INVUE	MSA-SA2A-740-U-T3-BZ-LCF-MD/DIM-L20	9
E5	WALKWAY BOLLARD	BOLLARD	277	6.48	VISTA	1470-DZ-42-4Q-40-A-MV-010	7
E6	SOFFIT FIXTURE	CEILING	277	26.8	HALO	HC8-25-D010-REM14-HM8-2555-840-81WDC	12
W	WALL PACK	WALL	277	86	STREETWORKS	GAW-SA2-A-740-U-T4w-BZ-LCF-MS/DIM-L20	4
TOTAL							51

INTERIOR FIXTURE SCHEDULE

DESIG	DESCRIPTION	MOUNT	EM OPTION	VOLTS	WATTS	MFG'R	MODEL	QTY
L1	2X2 TROFFER	FLUSH T-BAR		277	16.5	METALUX	22CZ2-24VHE-HRP-UNV-L835-CD1	9
L1A	2X2 TROFFER	FLUSH T-BAR		277	24.3	METALUX	22CZ2-34HE-HRP-UNV-L835-CD1	883
L1A EM	2X2 TROFFER	FLUSH T-BAR	90M BATT	277	24.3	METALUX	22CZ2-34HE-HRP-UNV-EL7W-L835-CD1	166
L1B	2X2 TROFFER	FLUSH T-BAR		277	35	METALUX	22CZ2-50VHE-HRP-UNV-L835-CD1	90
L1B EM	2X2 TROFFER	FLUSH T-BAR	90M BATT	277	35	METALUX	22CZ2-50VHE-HRP-UNV-EL7W-L835-CD1	11
L1C	2X2 TROFFER	FLUSH T-BAR		277	42.1	METALUX	22CZ2-60VHE-HRP-UNV-L835-CD1	33
L1C EM	2X2 TROFFER	FLUSH T-BAR	90M BATT	277	42.1	METALUX	22CZ2-60VHE-HRP-UNV-EL7W-L835-CD1	7
L2	DOWNLIGHT	RECESSED		277	9.9	HALO COMMERCIAL	HC6-10-D010-HM6-0525-835-61-WD-C	63
L2 EM	DOWNLIGHT	RECESSED	90M BATT	277	9.9	HALO COMMERCIAL	HC6-10-D010-REM7-HM6-0525-835-61-WD-C	16
L2A	DOWNLIGHT	RECESSED		277	21.4	HALO COMMERCIAL	HC6-20-D010-HM6-0525-835-61-WD-C	8
L2A EM	DOWNLIGHT	RECESSED	90M BATT	277	21.4	HALO COMMERCIAL	HC6-20-D010-REM7-HM6-0525-835-61-WD-C	13
L4C	2X4 TROFFER	FLUSH T-BAR		277	47.8	METALUX	24CZ2-70VHE-HRP-UNV-L835-CD1	322
L4C EM	2X4 TROFFER	FLUSH T-BAR	90M BATT	277	47.8	METALUX	24CZ2-70VHE-HRP-UNV-EL7W-L835-CD1	2
L5	LINEAR 15'	FLUSH LINEAR		277	37.5	AXIS	GPRLED-NL-300-80-35-RG2-15'-W-UNV-DP-1	8
L5A	LINEAR 6'	FLUSH LINEAR		277	15	AXIS	GPRLED-NL-300-80-35-RG2-6'-W-UNV-DP-1	8
L5B	LINEAR 3'	FLUSH LINEAR		277	7.5	AXIS	GPRLED-NL-300-80-35-RG2-3'-W-UNV-DP-1	8
L6	UNDERCABINET	SURFACE		277	9.5	FAIL-SAFE	UCL-1-LD4-35-A12125-ED1D1-UNV-ALH-GSK	10
X	EXIT	CEILING	BATT EXIT	277	4.05	ISOLITE	LPDC2-EM-G-U-WH-WH-MTEB-SD	31
TOTALS								1688

INTERIOR DEVICE SCHEDULE

DESIG.	DESCRIPTION	MFG'R	MODEL	QUANTITY
C1	EISS DEMAND RESPONSE BOX	ilc LightLEEDer		2
C2	ILC-PARTITION	ilc LightLEEDer	ILC-PARTITION	3
C3	Distributed Lighting Controller	ilc LightLEEDer	LLEVO-TC	96
C4	LLNC-HLD	ilc LightLEEDer	LLNC-HLD	2
C5	LLSI-BACIP-N	ilc LightLEEDer	LLSI-BACIP-N	2
C6	LSCIM-R	ilc LightLEEDer	LSCIM-R	2
C7	LSEVO-4X	ilc LightLEEDer	LSEVO-4X	34
C8	LSEVO-8X	ilc LightLEEDer	LSEVO-8X	49
C9	LSEVO-RC	ilc LightLEEDer	LSEVO-RC	1
C10	LSG3-WH-1-MZD	ilc LightLEEDer	LSG3-WH-1-MZD	92
C11	LSG3-WH-2-MZD	ilc LightLEEDer	LSG3-WH-2-MZD	3
C12	LSIM-R	ilc LightLEEDer	LSIM-R	2
C13	LSOSM-R	ilc LightLEEDer	LSOSM-R	2
C14	LSOSR6-R	ilc LightLEEDer	LSOSR6-R	6
C15	LSWS-WH-1-MZD	ilc LightLEEDer	LSWS-WH-1-MZD	287
C16	R20D	ilc LightLEEDer	R20D	863
C17	SWX-101-XX	ilc LightLEEDer	SWX-101-XX	11
C18	SWX-102-XX	ilc LightLEEDer	SWX-102-XX	13
C19	SWX-201-1	ilc LightLEEDer	SWX-201-1	13
C20	SWX-202-1	ilc LightLEEDer	SWX-202-1	178
C21	SWX-221-1	ilc LightLEEDer	SWX-221-1	69
C22	SWX-222-1	ilc LightLEEDer	SWX-222-1	21
C23	SWX-801-XX	ilc LightLEEDer	SWX-801-XX	8
C24	SWX-900-AX	ilc LightLEEDer	SWX-900-AX	8

SHEET REFERENCES

E-058 - SITE LIGHTING PLAN

E-059 - SITE LIGHTING PLAN PHOTOMETRICS

E-115 - LIGHTING PLAN AREA A1

E-116 - LIGHTING PLAN AREA A2

E-117 - LIGHTING PLAN AREA A3

E-118 - LIGHTING PLAN AREA A4

E-119 - LIGHTING AREA A PHOTOMETRICS

E-125 - LIGHTING PLAN AREA B1

E-126 - LIGHTING PLAN AREA B2

E-127 - LIGHTING PLAN AREA B3

E-128 - LIGHTING PLAN AREA B4

E-129 - LIGHTING AREA B PHOTOMETRICS

E-135 - LIGHTING PLAN AREA C1

E-136 - LIGHTING PLAN AREA C2

E-137 - LIGHTING PLAN AREA C3

E-138 - LIGHTING PLAN AREA C4

E-139 - LIGHTING AREA C PHOTOMETRICS

E-145 - LIGHTING PLAN AREA D1

E-146 - LIGHTING PLAN AREA D2

E-147 - LIGHTING PLAN AREA D3

E-148 - LIGHTING PLAN AREA D4

E-149 - LIGHTING AREA D PHOTOMETRICS

4

2025-03-03

FD PC M24-046

2024-11-07

2

2024-10-22

INTERNAL REV.

1

2024-09-30

PLAN CHECK

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PROJECT:
DEPARTMENT OF BEHAVIORAL HEALTH
OLIVE AVE CAMPUS REMODEL
5555 E Olive Avenue, Fresno, California
APN: 455223128T
Issue date: 2025-02-28
Project no.: T80317
File name: D:\Electrical Power Systems, Inc\Electrical Power
Systems, Inc\PROJECTS - Documents\FC-PW Fresno
County\41.6 DBH Olive Ave Campus\DWGS

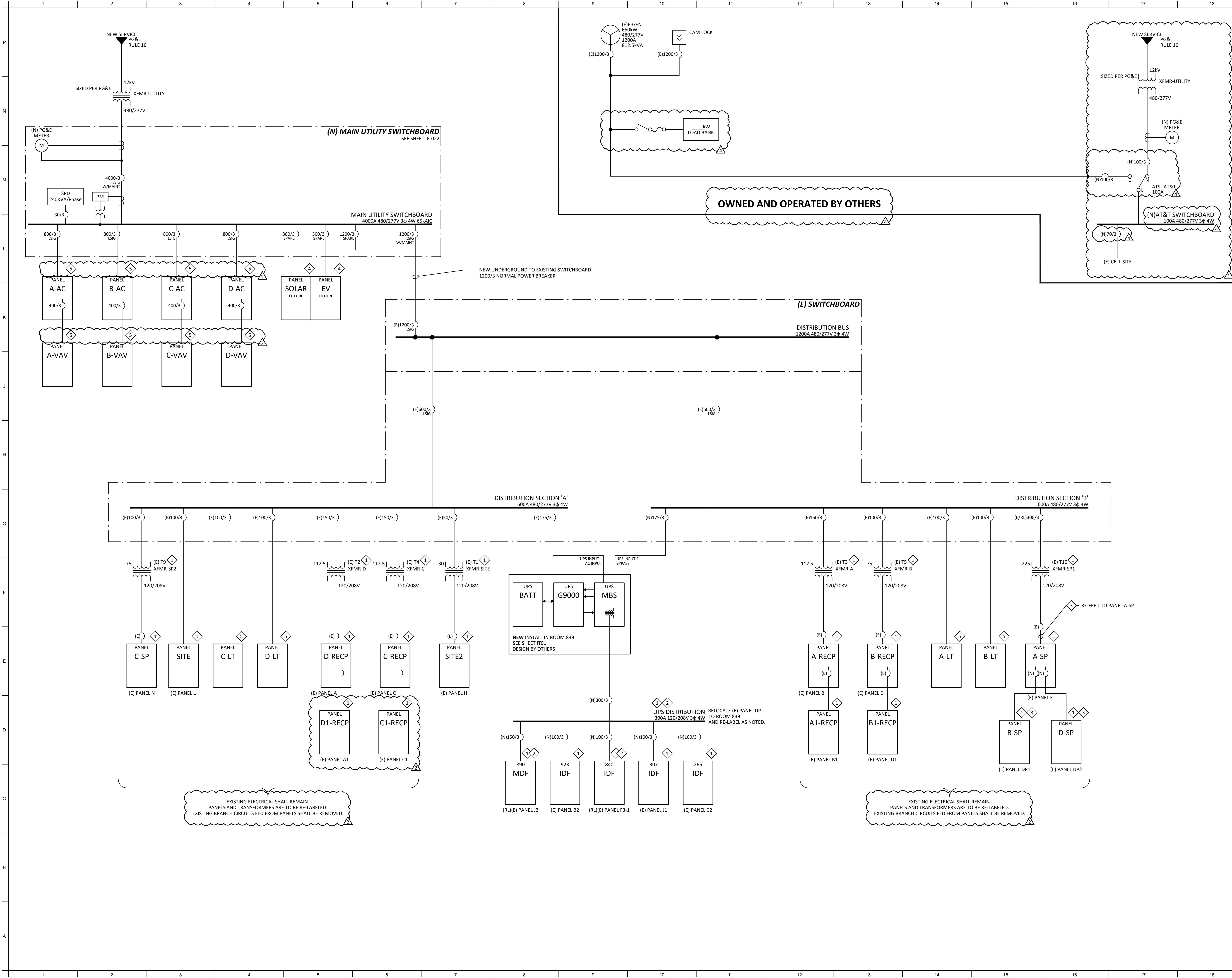
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2220 Tulare Street, 8th Floor
Fresno, California 93721

SHEET NO.:
E-017

Sheet 148 of 218

Plot Date: 2025-02-28



SHEET NOTES

- RE-LABEL EXISTING ELECTRICAL EQUIPMENT AS SHOWN.
- RE-LOCATE PANEL.
- RE-FEED PANEL.
- FUTURE TO BE DETERMINED.
- NEW PANEL.

SHEET REFERENCES

- SEE E-011 - CABLE AND CONDUIT SCHEDULE
- SEE E-010 - ELECTRICAL SCHEDULES
- SEE E-012 - AREA A PANEL SCHEDULES
- SEE E-013 - AREA B PANEL SCHEDULES
- SEE E-014 - AREA C PANEL SCHEDULES
- SEE E-015 - AREA D PANEL SCHEDULES
- SEE E-016 - SITE PANEL SCHEDULES

DEMO NOTES

ALL UNUSED WIRING SHALL BE REMOVED.

- CLARIFICATION
2025-03-03
FD PC M24-046
2024-11-07
PC 24-1021
2024-10-22
INTERNAL REV.
PLAN CHECK
2024-09-30

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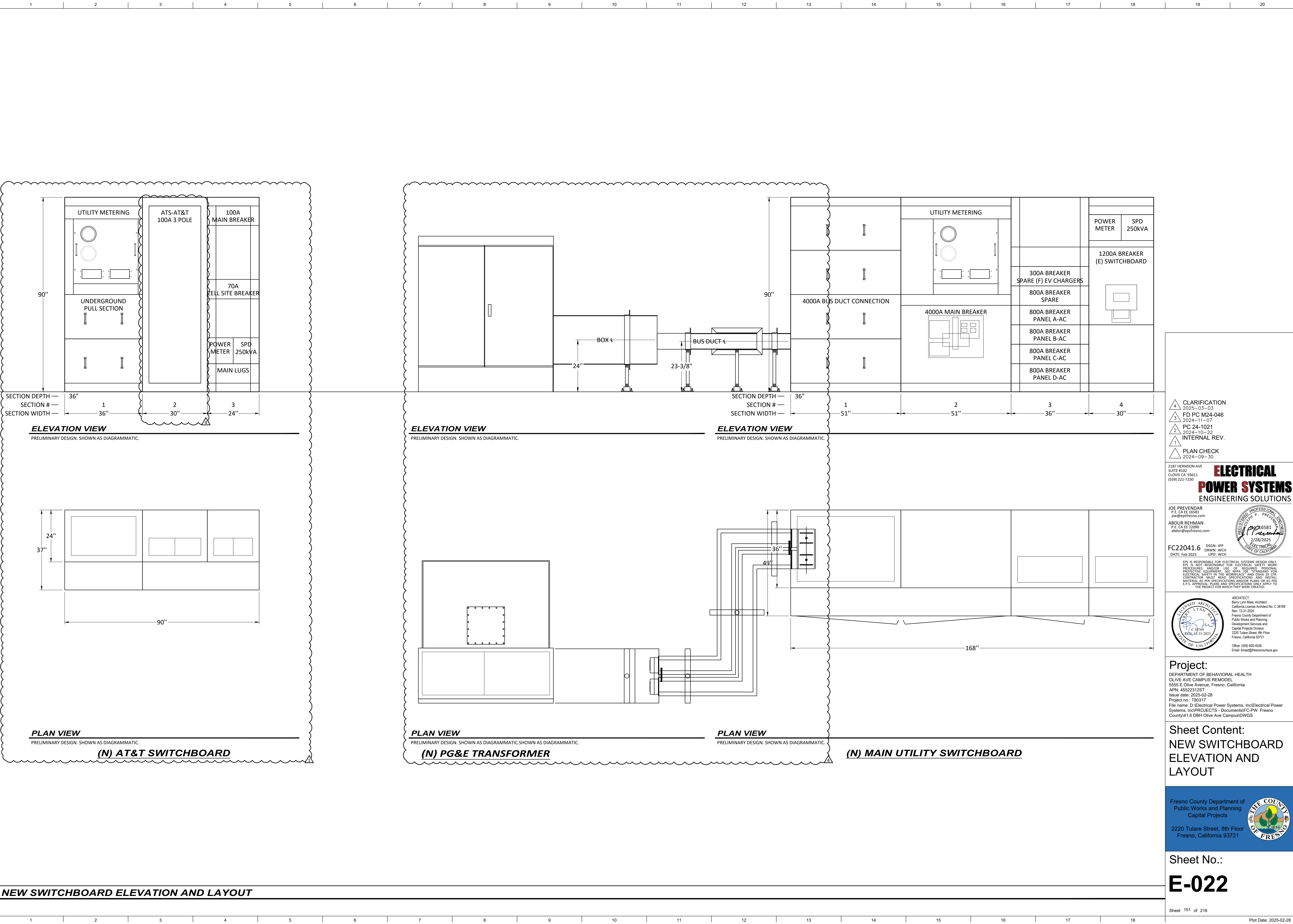
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NEW SINGLE LINE
DIAGRAM

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Capital Projects
2220 Tulare Street, 8th Floor
Fresno, California 93721

**THE COUNTY
OF FRESNO**

Sheet No.:

E-021



- 4

CLARIFICATION

2025-03-03
- 1

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- 2

PC 24-1021

2024-10-22
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INTERNAL REV.
- 1

PLAN CHECK

2024-09-30

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2/28/2025

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STATE OF CALIFORNIA

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REGISTERED ARCHITECT

BARRY LYNN MAST

C 38769

RENEWED 12-31-2025

STATE OF CALIFORNIA

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Ren. 12-31-2025
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Sheet Content:

NEW SWITCHBOARD
ELEVATION AND
LAYOUT

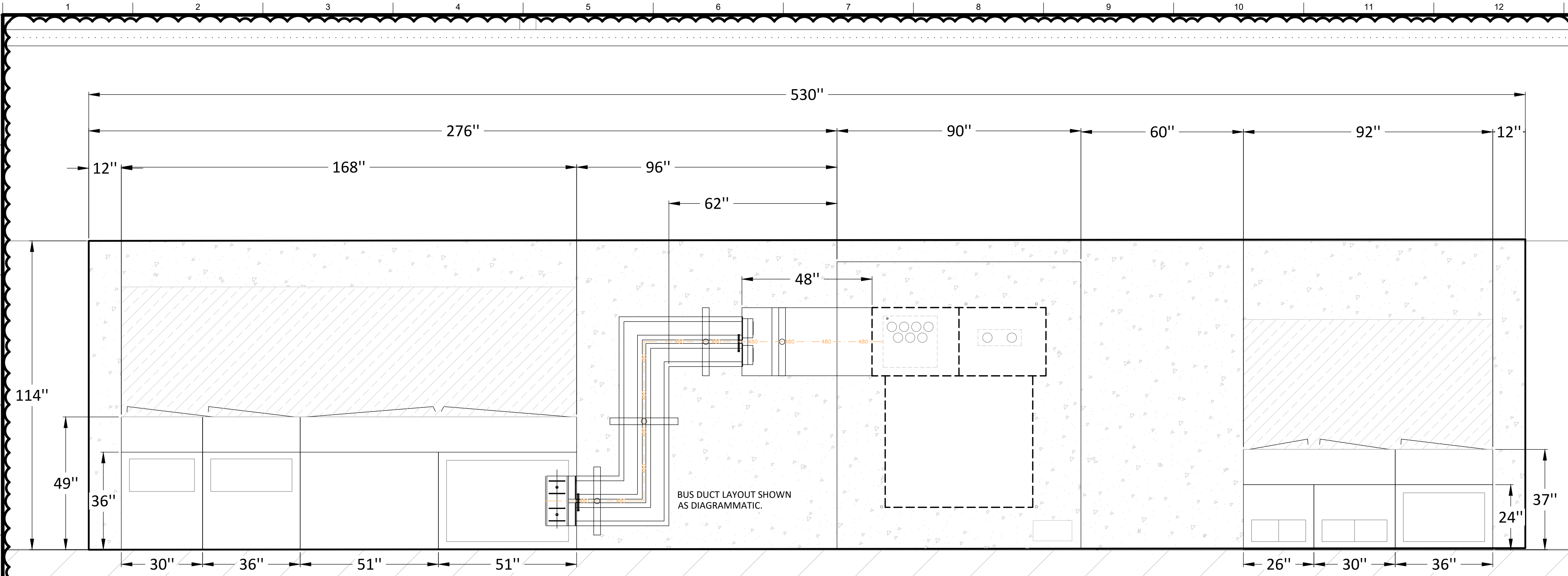
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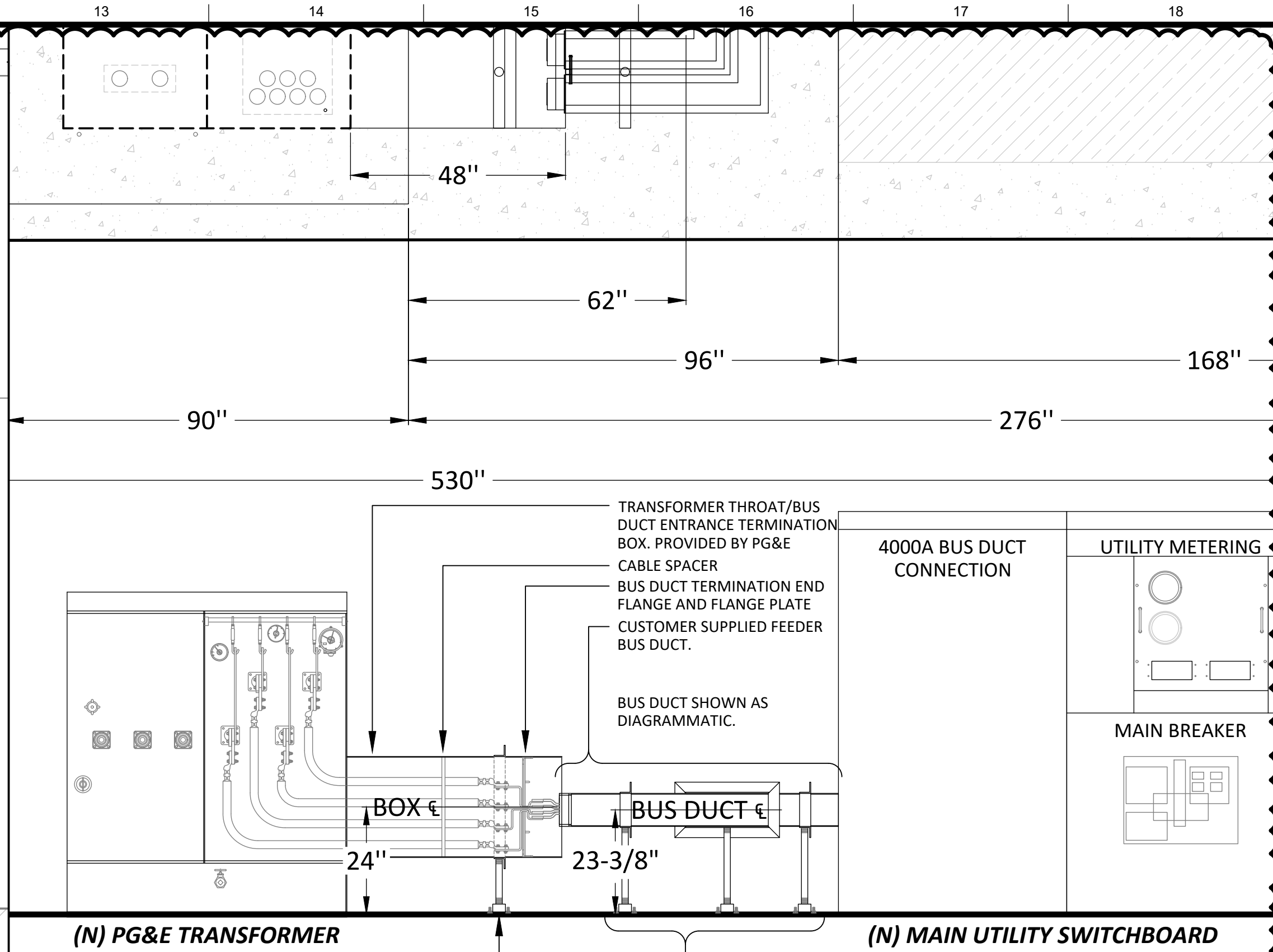
E-022



ENLARGED NEW ELECTRICAL UTILITY PLAN

SCALE: 1" = 2'

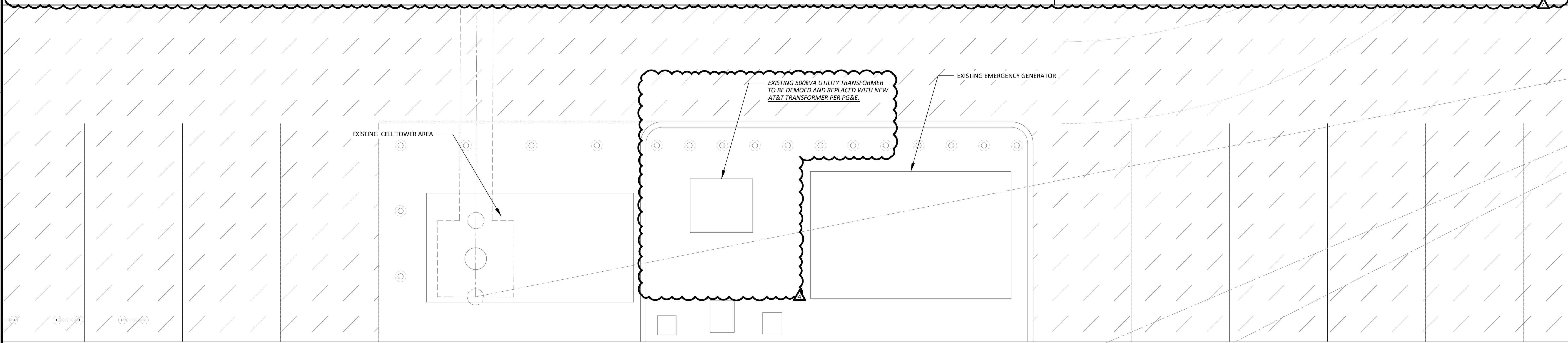
SEE PG&E 063929 FOR REQUIREMENTS FOR BUS DUCT ENTRANCE TERMINATION



TRANSFORMER & MAIN UTILITY SWITCHGEAR ELEVATION

SCALE: 1" = 2'

SEE PG&E 063929 FOR REQUIREMENTS FOR BUS DUCT ENTRANCE TERMINATION



NEW ELECTRICAL UTILITY PLAN

SCALE: 1" = 4'

SHEET REFERENCES

SEE CABLE AND CONDUIT SCHEDULE: E-011
SEE SITE PANEL SCHEDULES: E-016

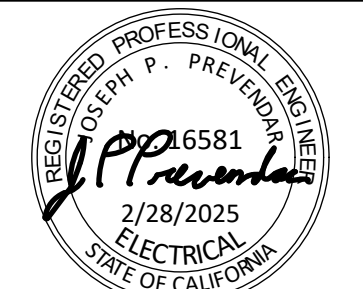
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ELECTRICAL POWER SYSTEMS ENGINEERING SOLUTIONS

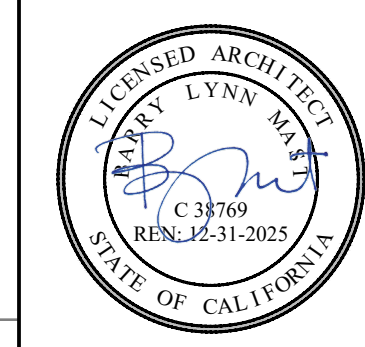
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OLIVE AVE CAMPUS REMODEL
5555 E Olive Avenue, Fresno, California
APN: 4552231281
Issue date: 2025-02-28
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NEW ELECTRICAL
UTILITY PLAN

Fresno County Department of
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Capital Projects

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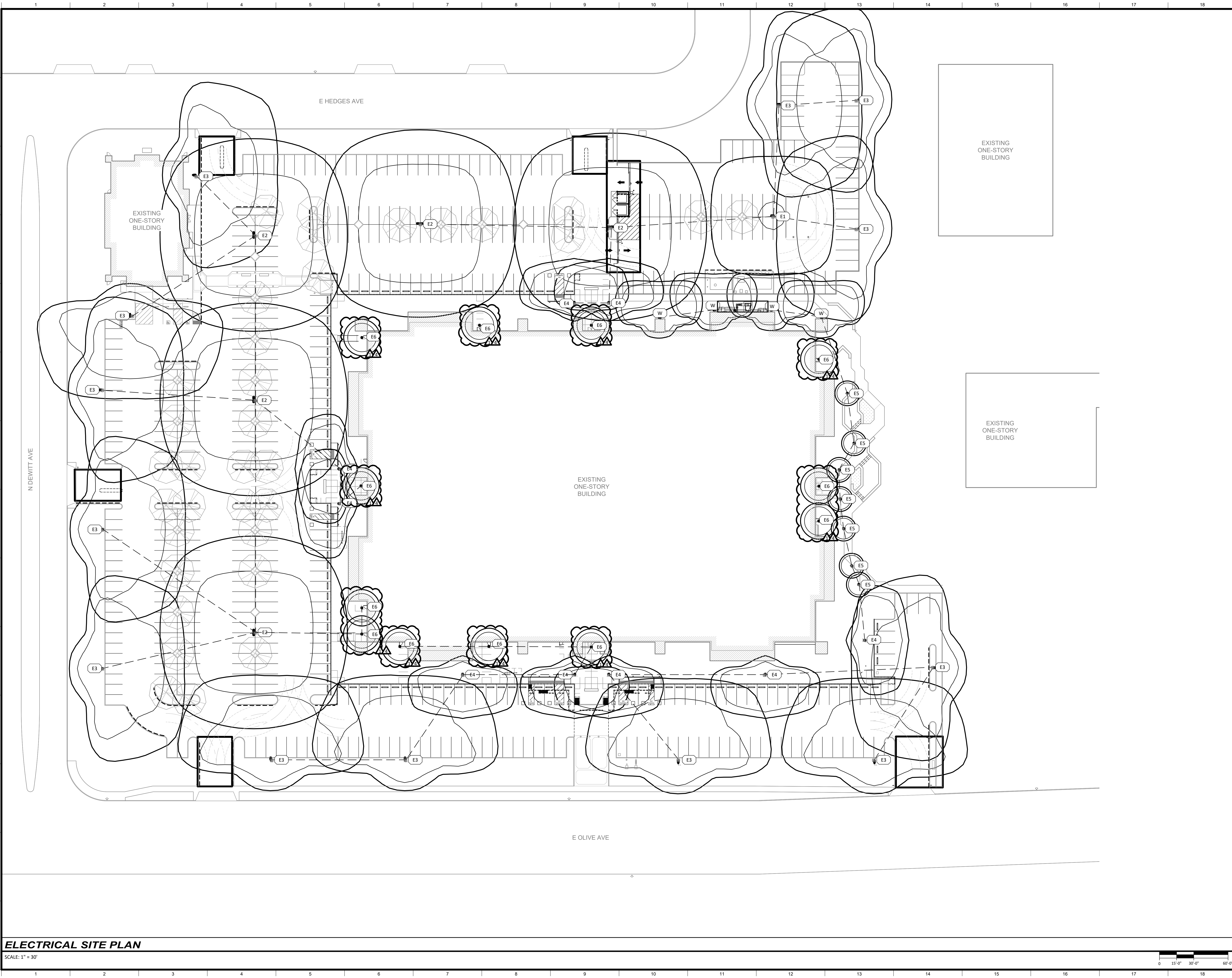


Sheet No.:

E-051

Sheet 155 of 218

Plot Date: 2025-02-28



ELECTRICAL SITE PLAN

SCALE: 1" = 30'

SHEET REFERENCES

- SEE E-011 - CABLE AND CONDUIT SCHEDULE
- SEE E-012 - AREA A PANEL SCHEDULES
- SEE E-013 - AREA B PANEL SCHEDULES
- SEE E-014 - AREA C PANEL SCHEDULES
- SEE E-015 - AREA D PANEL SCHEDULES
- SEE E-016 - SITE PANEL SCHEDULES
- SEE E-017 - FIXTURES AND DEVICES
- SEE E-059 - SITE LIGHTING PLAN PHOTOMETRICS

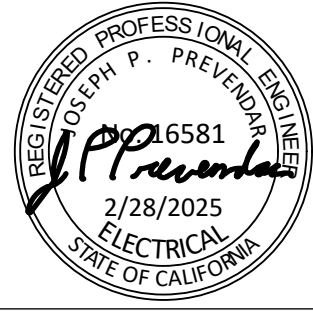
- CLARIFICATION
2025-03-03
- FD PC M24-046
2024-11-07
- PC 24-1021
2024-10-22
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ELECTRICAL
POWER SYSTEMS
ENGINEERING SOLUTIONS

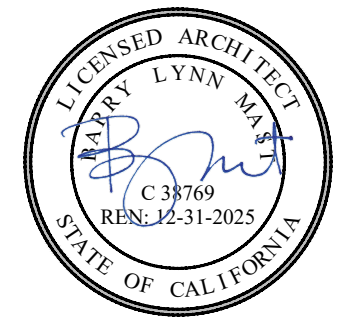
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Sheet Content:

SITE LIGHTING PLAN

Fresno County Department of
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Capital Projects

2220 Tulare Street, 8th Floor
Fresno, California 93721



Sheet No.:

E-058

Sheet 156 of 218

Plot Date: 2025-02-28