

DOCKETED	
Docket Number:	26-SPPE-03
Project Title:	Charcot Avenue Backup Generating Facility (CABGF)
TN #:	273210
Document Title:	Charcot Avenue Backup Generating Facility SPPE Application Appendix B Part 2 - Part III of XI
Description:	N/A
Filer:	Scott Galati
Organization:	DayZenLLC
Submitter Role:	Applicant Representative
Submission Date:	10/26/2026 12:08:38 PM
Docketed Date:	10/26/2026

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[illegible]

Charcot Data Center

326 Charcot Ave
San Jose, CA 95131

April 24, 2026

CHILLED WATER FLOW DIAGRAM -
ROOF - CHILLER PLANT ONE - A

M01-01

SCALE: AS NOTED

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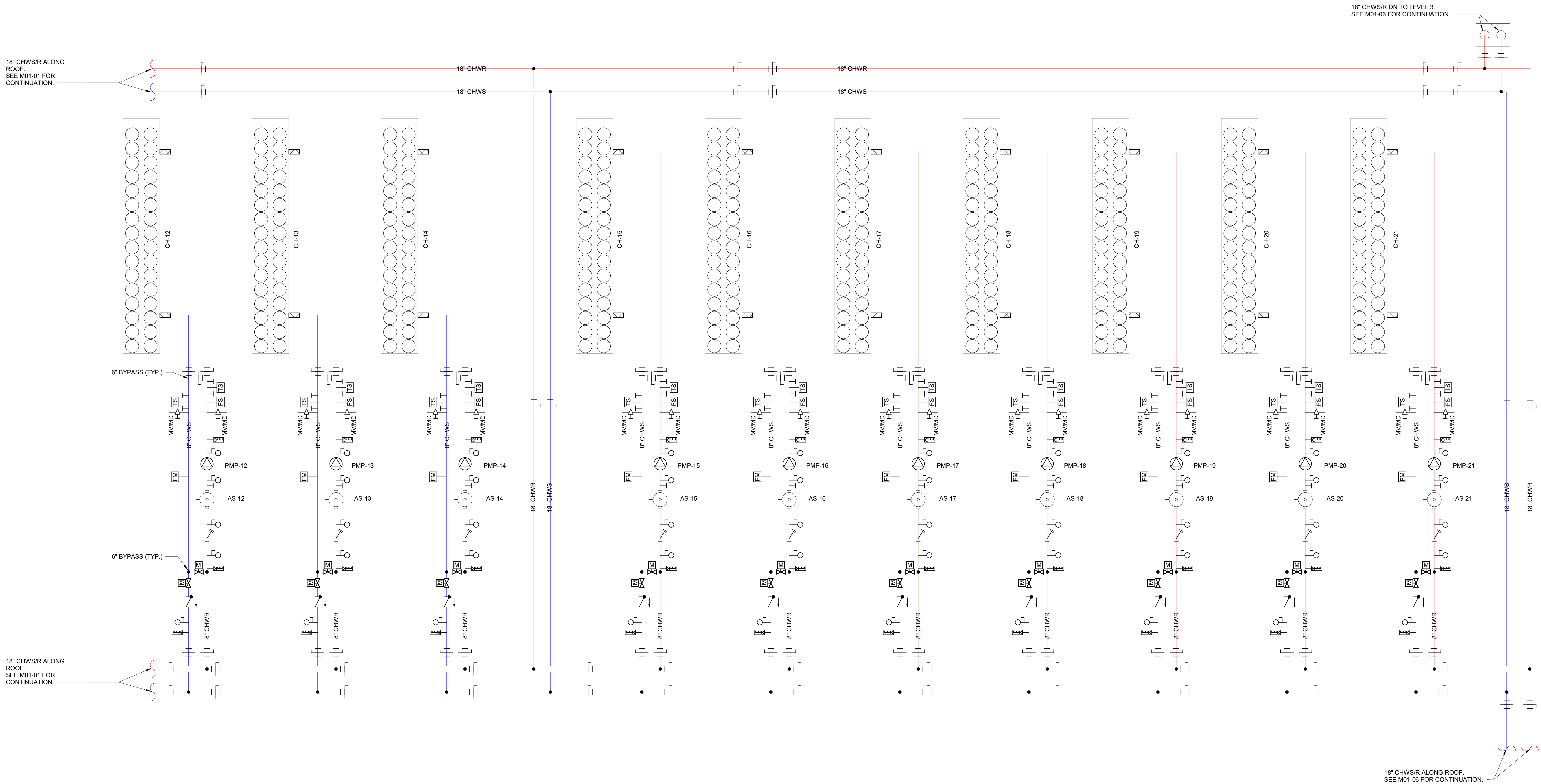
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CHILLER PLANT ONE - DESIGN INFORMATION	
MANUFACTURER/MODEL	GEOCLIMA AIR-COOLED CHILLER MODEL TMA 4D2100B C32 13 1W
MAXIMUM CRITICAL IT LOAD (MW)	72
MAXIMUM CHILLER PLANT LOAD (MW)	82.8
CHILLER CAPACITY (TON/KW) (5% TEST TOLERANCE)	648 / 2,158
CHILLED WATER SUPPLY/RETURN TEMPERATURE (°F)	70 / 86
DESIGN FLOW RATE PER CHILLER (GPM)	1,034
DESIGN AMBIENT TEMPERATURE (°F) (N=20YEAR + 5°F)	115
CHILLER COUNT PER DH (N)	6
CHILLER COUNT WITH REDUNDANCY PER DH (N+1)	7
TOTAL CHILLER QTY	42



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B	Entirement Package Draft 2	2026.04.06
A	Entirement Package Draft 1	2026.03.20

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CHILLED WATER FLOW DIAGRAM -
ROOF - CHILLER PLANT ONE - B

M01-02

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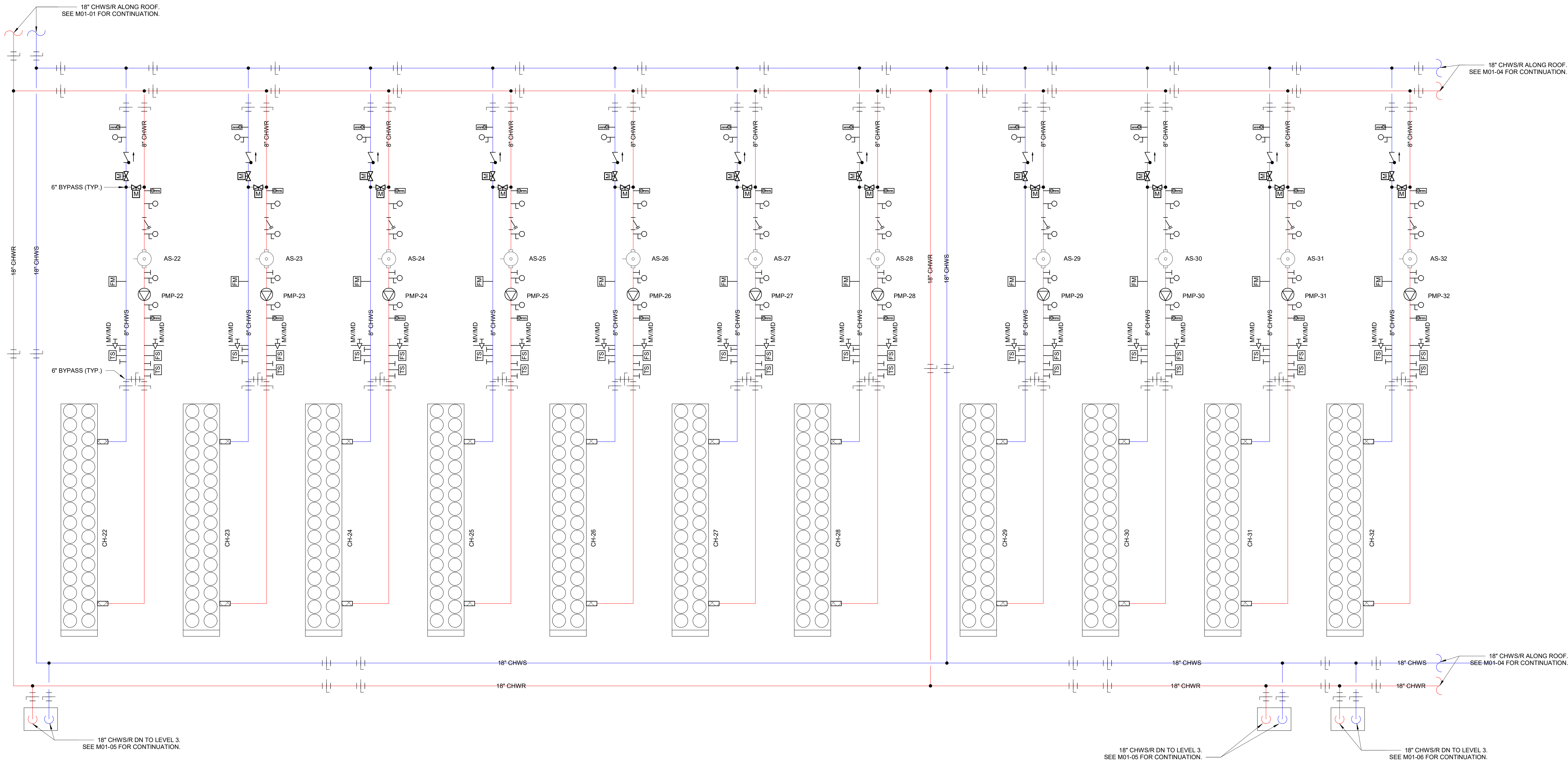
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CHILLED WATER FLOW DIAGRAM -
ROOF - CHILLER PLANT ONE - C

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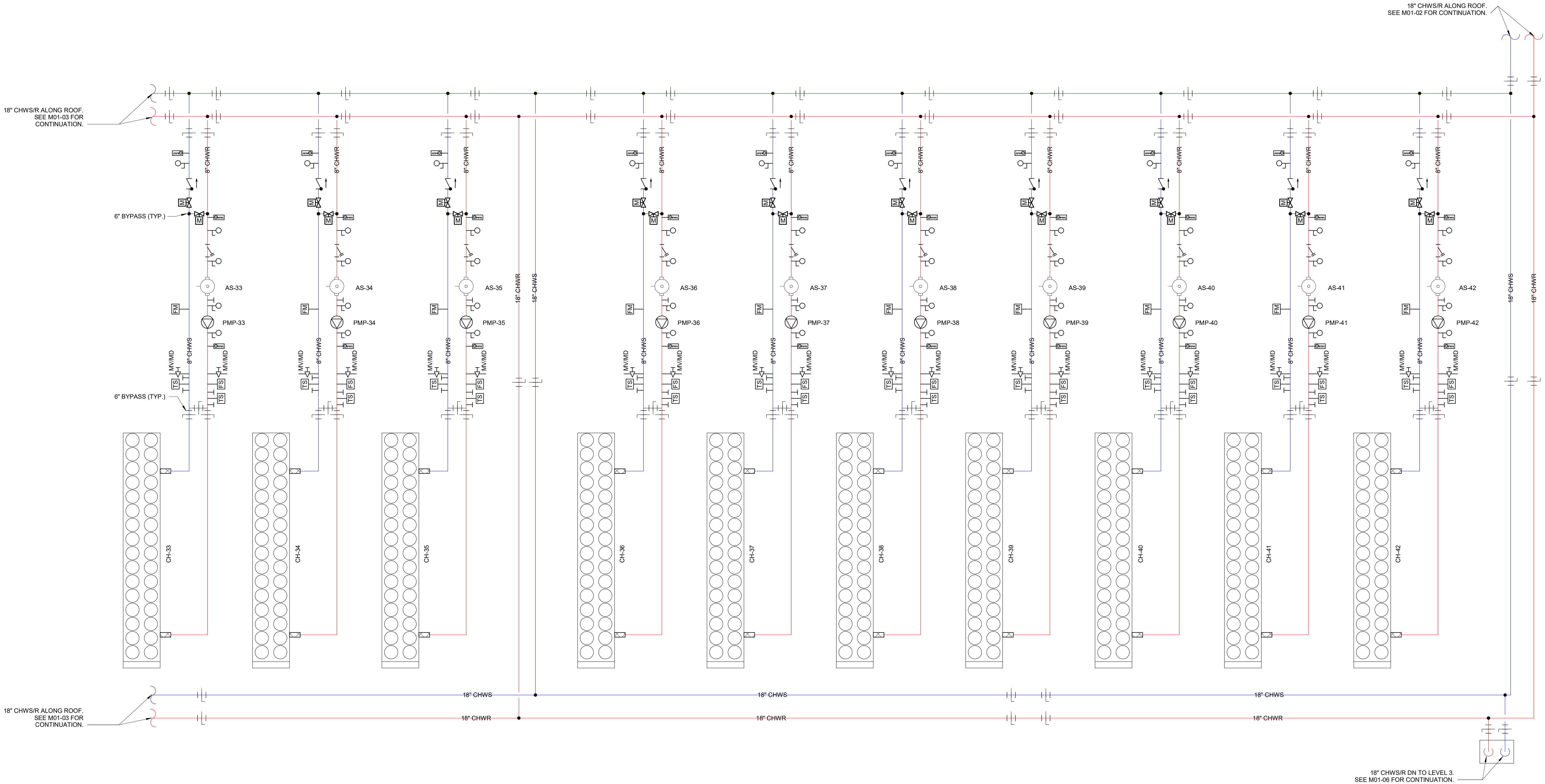
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CHILLED WATER FLOW DIAGRAM -
ROOF - CHILLER PLANT ONE - D

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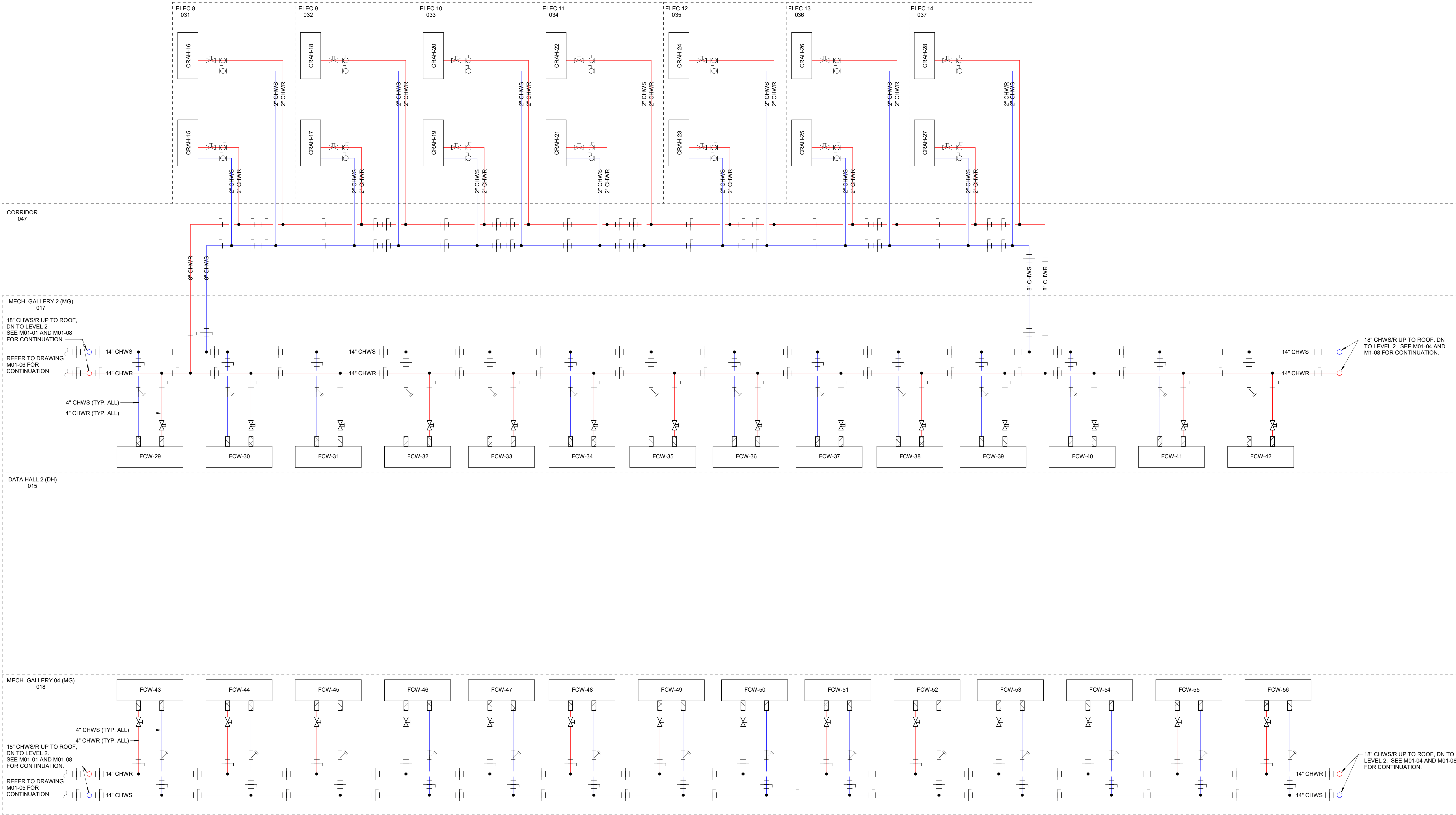
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PROJECT PROLOGIS - DATA HALL	
1 x BUILDINGS PER SITE 6 x 12MW DATA HALLS PER BUILDING 100% AIR COOLING FAN COIL WALL REDUNDANCY: N+4/DH	CHILLED WATER SUPPLY TEMP: 70°F CHILLED WATER RETURN TEMP: 86°F FAN COIL WALL SUPPLY AIR TEMP: 75.2°F FAN COIL WALL AIRFLOW: 160 CFM/KW FLUID: WATER (0% GLYCOL)
	ACTIVE FAN COIL WALLS: 24 REDUNDANT FAN COIL WALLS: 4 TOTAL FAN COIL WALLS: 28



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CHILLED WATER FLOW DIAGRAM -
LEVEL 3 EAST - 12MW

M01-06

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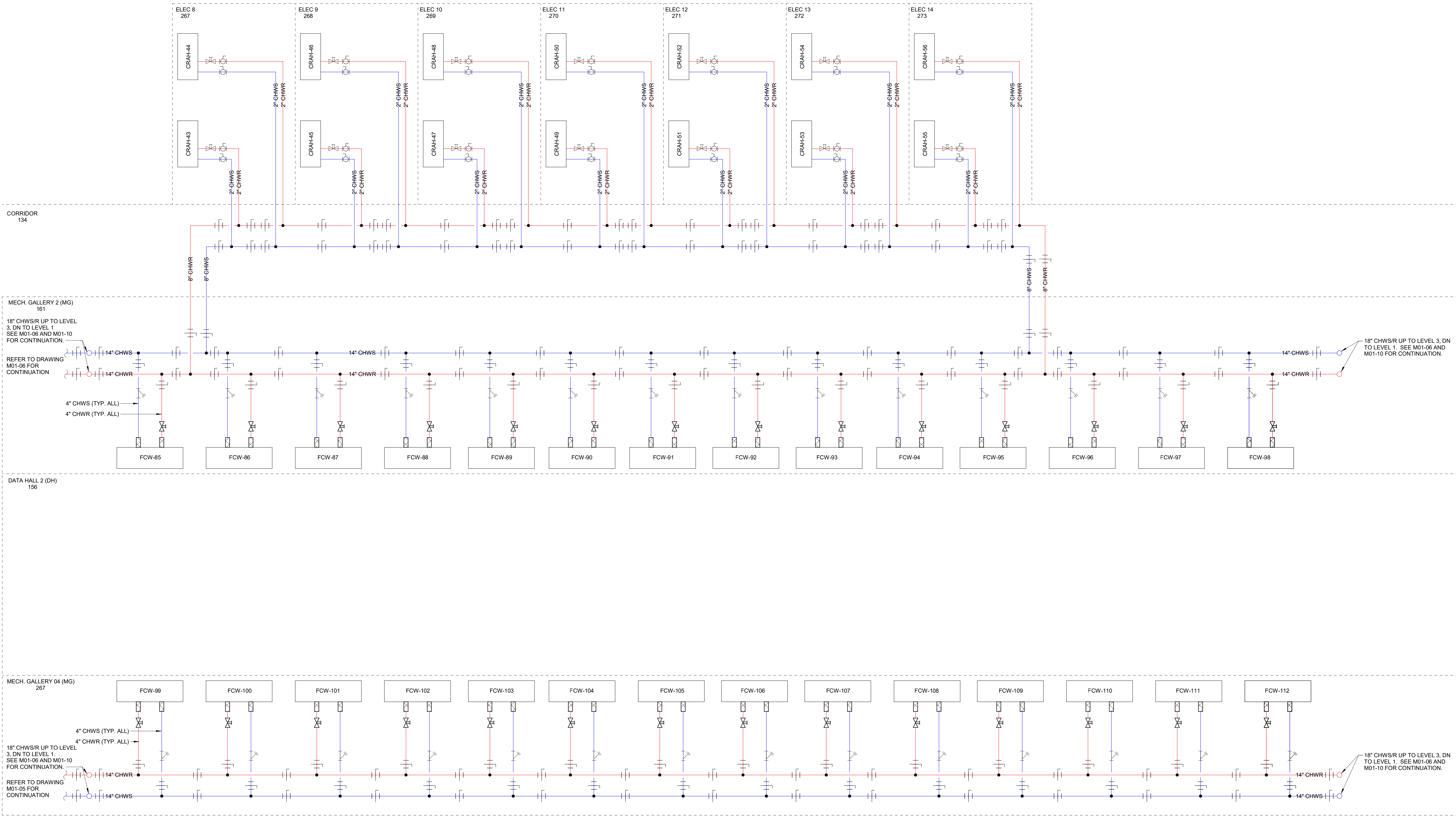
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CHILLED WATER FLOW DIAGRAM -
LEVEL 2 EAST - 12MW

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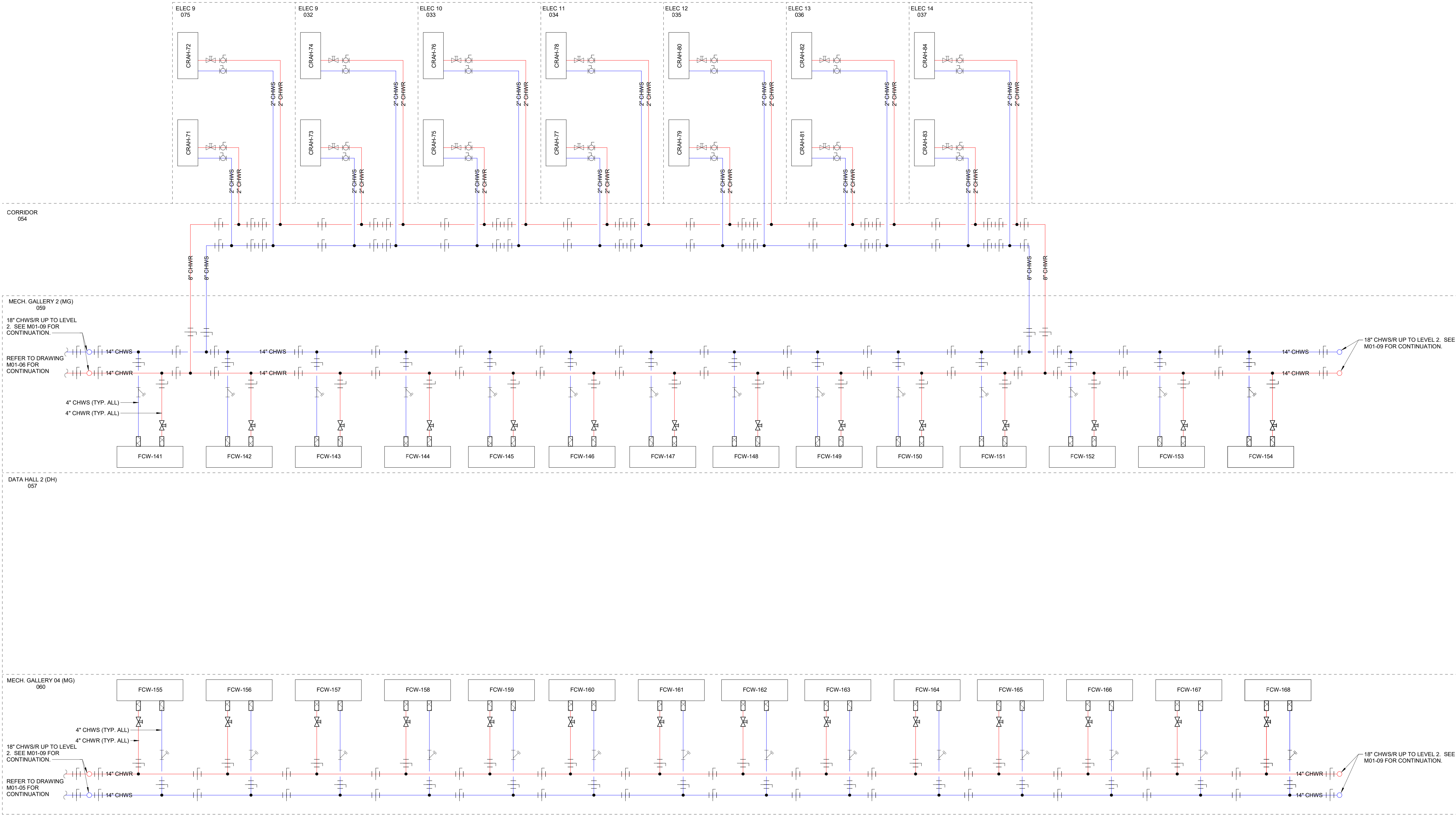
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PROJECT PROLOGIS - DATA HALL	
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CHILLED WATER FLOW DIAGRAM -
LEVEL 1 - EAST - 12MW

M01-10

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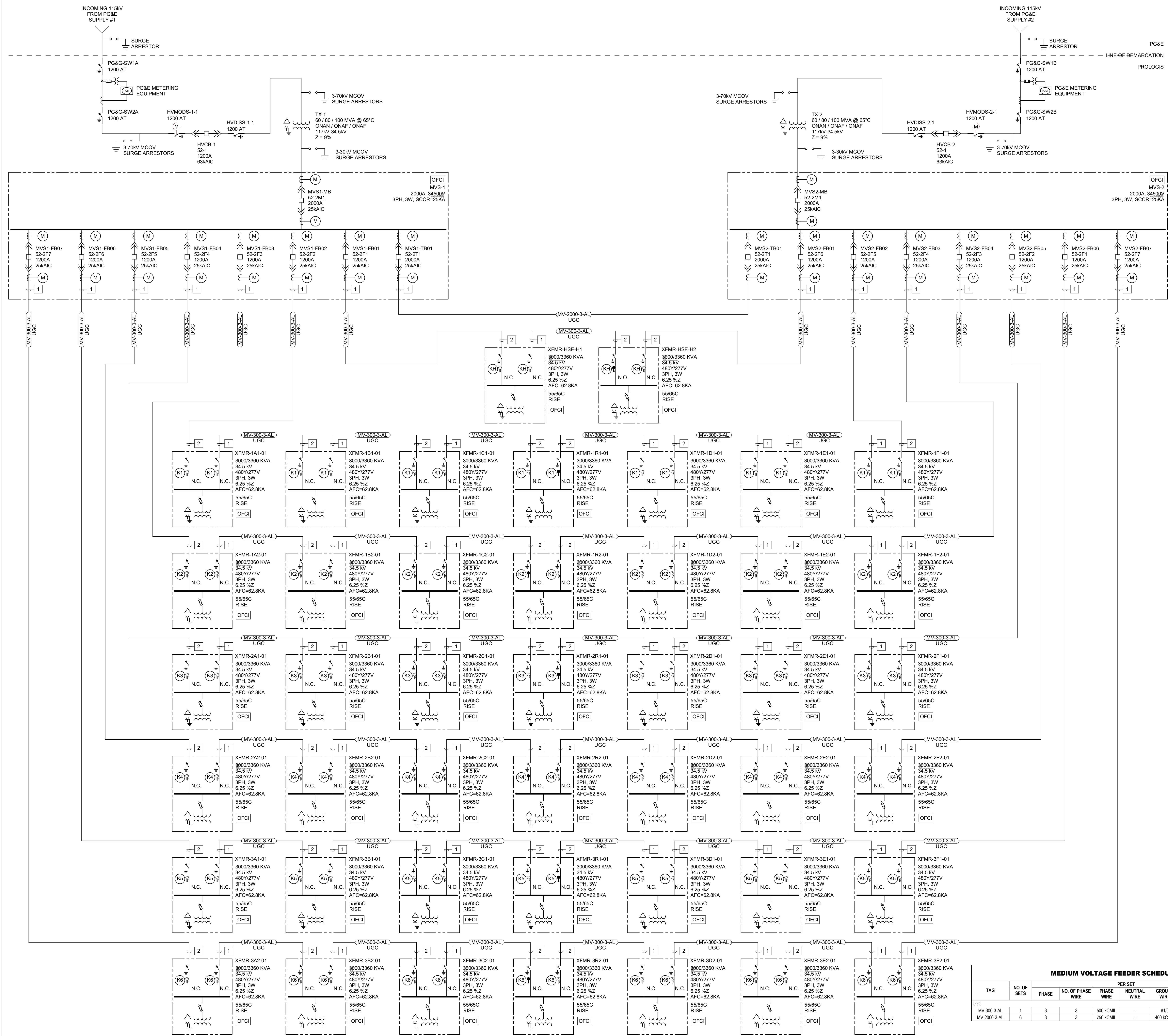
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- GENERAL NOTES**
- A. FOR ALL OWNER-FURNISHED, CONTRACTOR-INSTALLED (OFCI) EQUIPMENT THE CONTRACTOR IS RESPONSIBLE FOR RECEIVING, SETTING IN PLACE, PROPERLY INSTALLING PER MANUFACTURER AND SPECIFICATION REQUIREMENTS, CONNECTING SHIPPING SPLITS AND INTERNAL CONTROL WIRING, PROVIDING ALL INPUT AND OUTPUT POWER AND CONTROL CONNECTIONS, ASSISTING WITH MANUFACTURER STARTUP PROCEDURES, AND TESTING.
- B. AVAILABLE FAULT CURRENT (AFC) SHOWN AT MV TRANSFORMERS IS THE FAULT CURRENT AVAILABLE ON THE PRIMARY.

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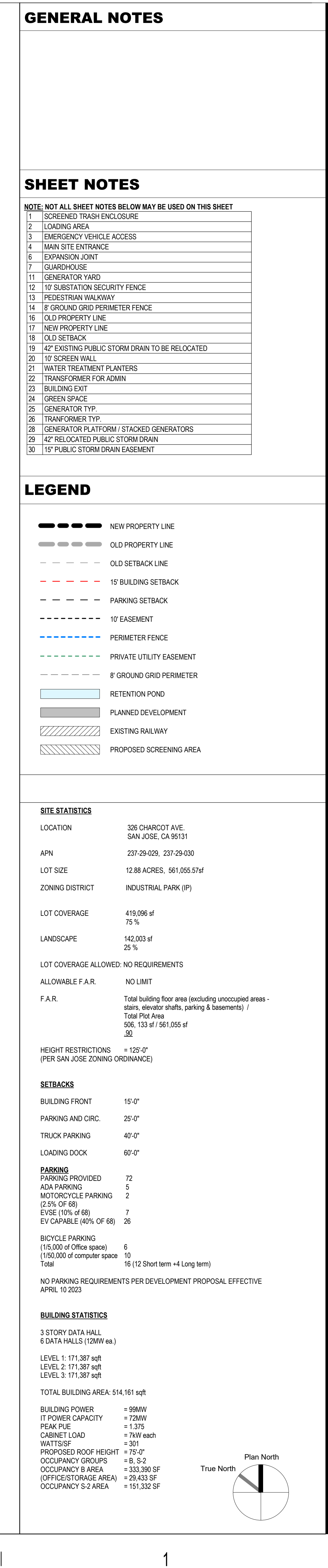
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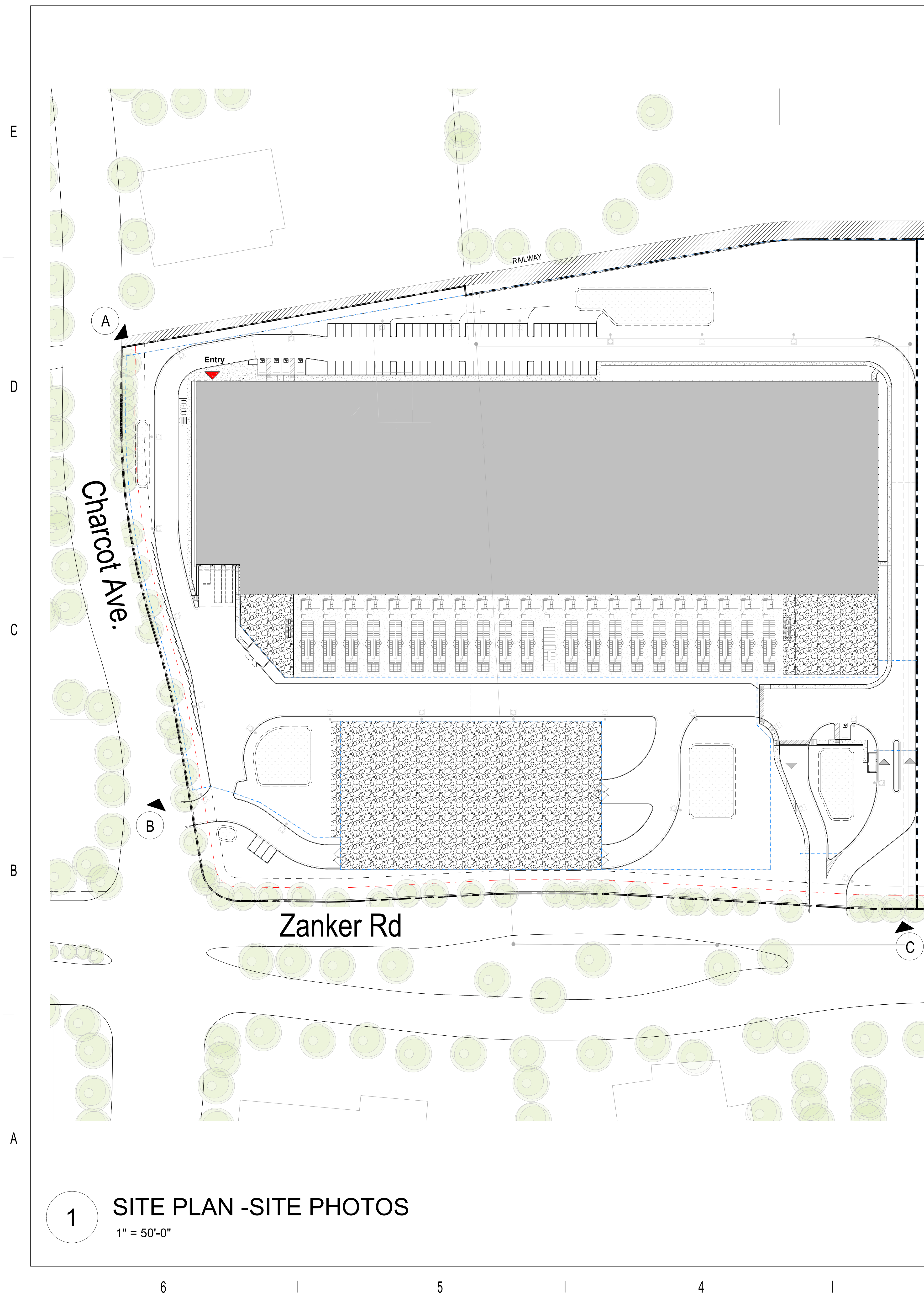
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MEDIUM VOLTAGE SYSTEM

E01-01

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B	Entitlement Package	2026.04.06
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NO.	DESCRIPTION	DATE

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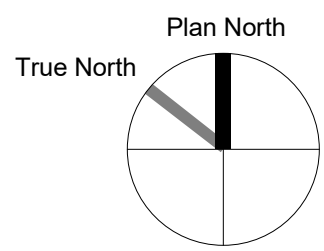
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EXISTING CONDITIONS/ CONTEXT

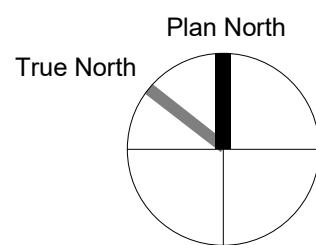
A1.2

A


$$1'' = 25'-0''$$

A2.1

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LEGEND

1	ROOF MECHANICAL CHILLER
2	ROOF EQUIPMENT SCREENWALLS
3	ROOF DRAINAGE
4	RIDGE
5	PARAPET
6	POWER EXHAUST
7	EQUIPMENT PLATFORM
8	EXPANSION JOINT
9	SBS MODIFIED BITUMINOUS MEMBRANE ROOF ASSEMBLY

SEC, CTRL, AV[illegible]

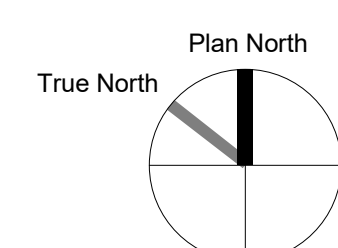
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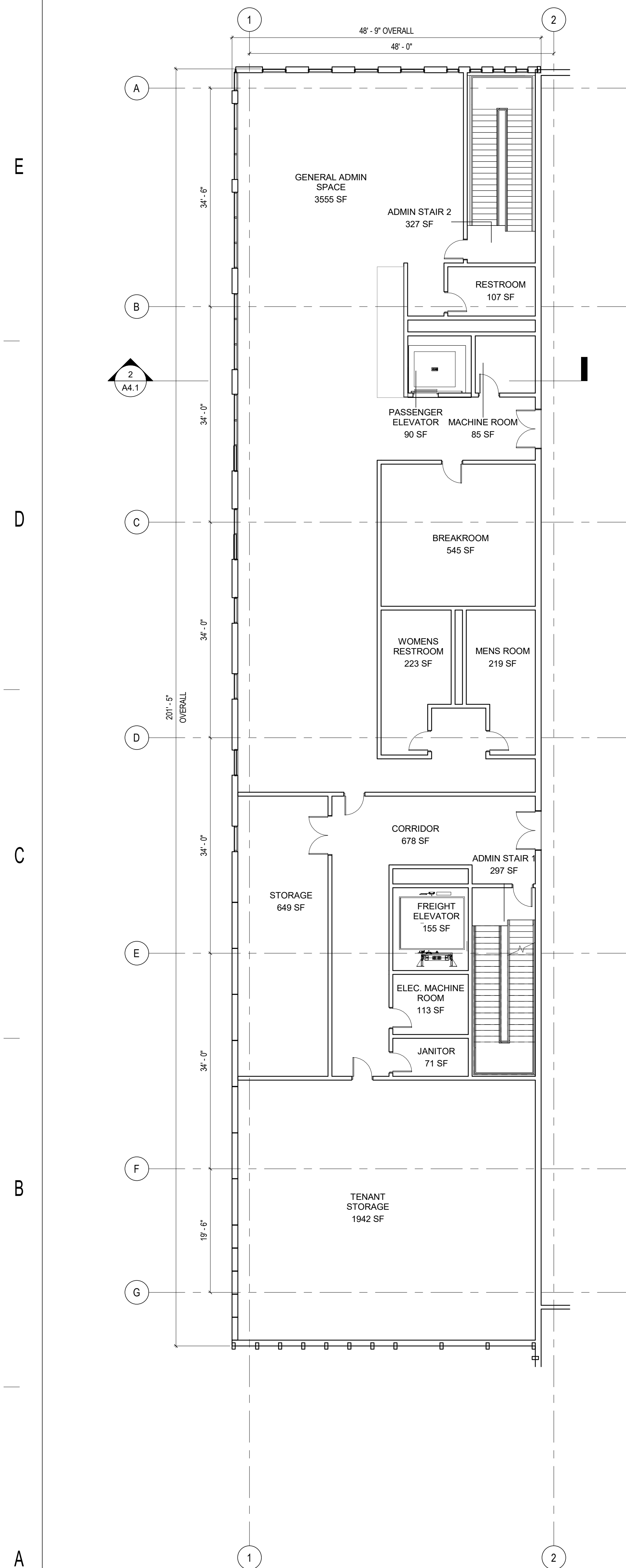
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FLOOR PLAN - LEVEL 02

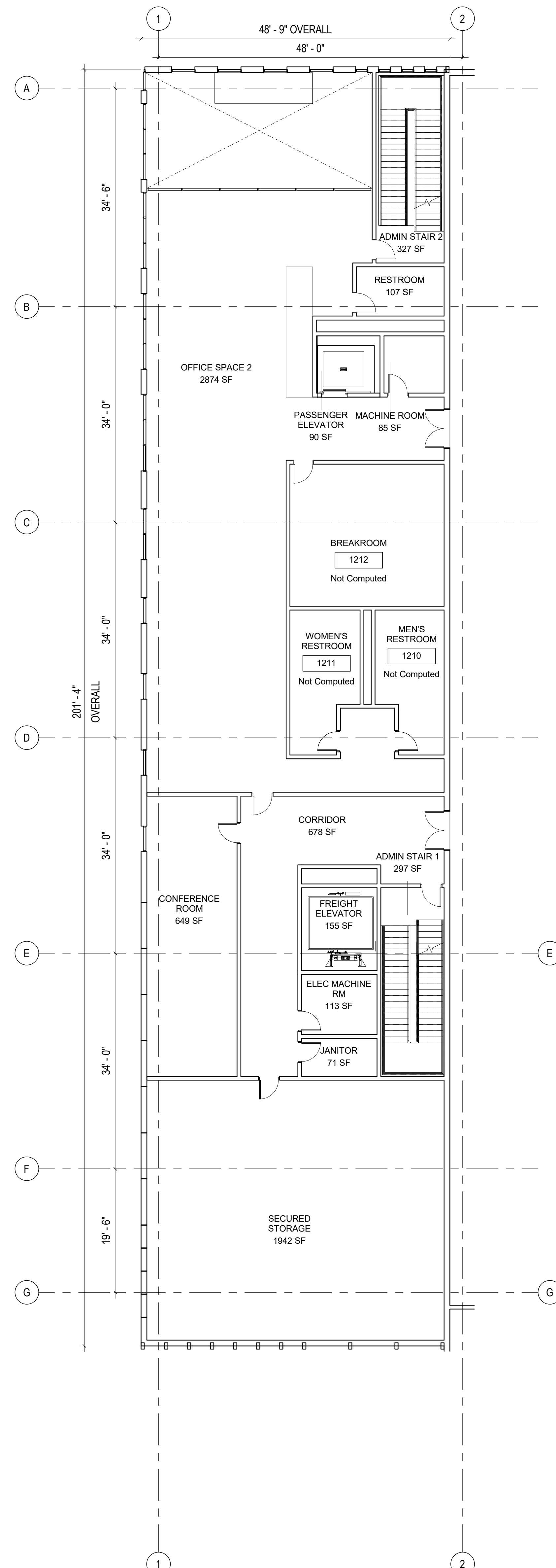
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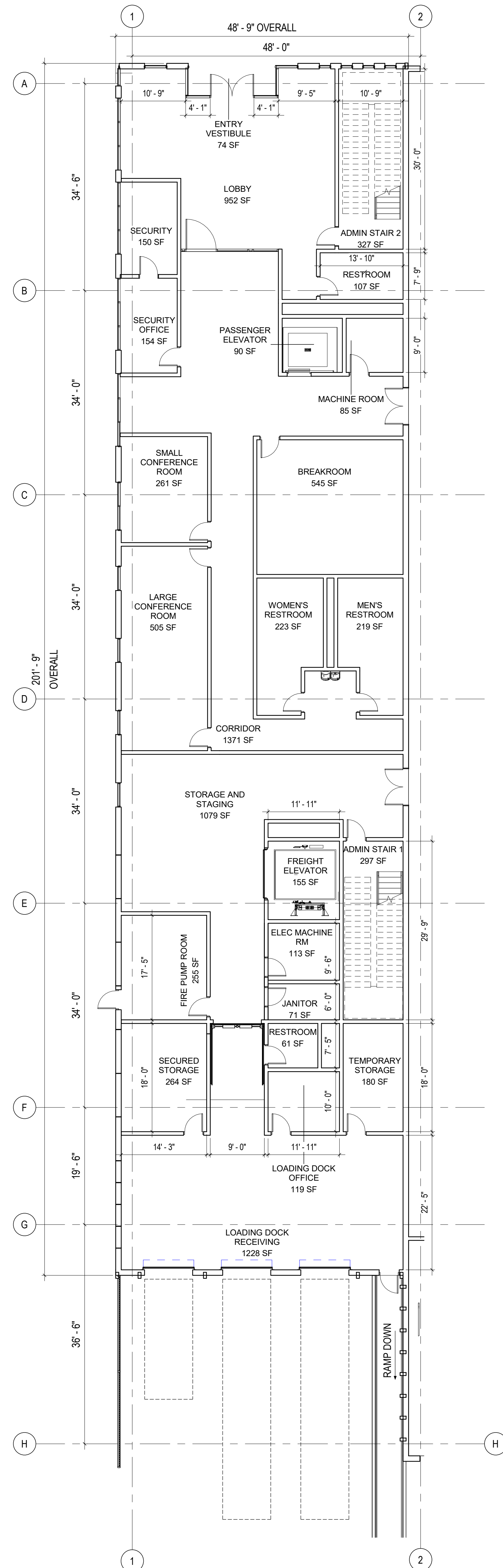
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ENLARGED ADMIN - LEVEL 03

$$1'' = 10'-0''$$


2

ENLARGED ADMIN - LEVEL 02

$$1'' = 10'-0''$$


1

ENLARGED ADMIN - LEVEL 01

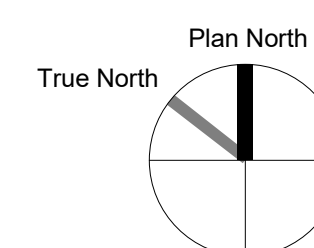
$$1'' = 10'-0''$$

GENERAL NOTES

SHEET NOTES

NOTE: NOT ALL SHEET NOTES BELOW MAY BE USED ON THIS SHEET

LEGEND



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ADMIN - ENLARGED FLOOR PLANS

A2.5

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LEGEND

1	GENERATOR YARD SCREEN WALL
2	PARAPET
3	EQUIPMENT SCREEN WALLS
4	STAIRCASE TO GENERATOR PLATFORM/ STACKED GENERATORS
5	EXPANSION JOINT
6	EQUIPMENT PLATFORM
7	OVERHEAD DOOR
8	1.5MW GENERATOR TYP.
9	3MW GENERATOR TYP.
10	METAL WALL PANEL
11	EXTERIOR EXIT DOOR
12	ROOF ACCESS STAIR
13	ROOF EQUIPMENT SCREENWALLS
14	ELEVATOR PENTHOUSE
15	POWER EXHAUST
16	EQUIPMENT PLATFORM
17	SCREENED TRASH ENCLOSURE
18	10' SCREEN WALL
19	GLAZING PANEL
20	ADMIN ENTRANCE
21	TRANSFORMER TYP.
22	GUARDHOUSE
23	ROOF MECHANICAL CHILLER

SEC, CTRL, AV[illegible]

A3.2

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- 1 GENERATOR YARD SCREEN WALL
- 2 PARAPET
- 3 EQUIPMENT SCREEN WALLS
- 4 STAIRCASE TO GENERATOR PLATFORM/
STACKED GENERATORS
- 5 EXPANSION JOINT
- 6 EQUIPMENT PLATFORM
- 7 OVERHEAD DOOR
- 8 1.5MW GENERATOR TYP.
- 9 3MW GENERATOR TYP.
- 10 EXTERIOR WALL PANEL
- 11 METALLIC EXT. DOOR
- 12 ROOF ACCESS STAIR
- 13 ROOF EQUIPMENT SCREENWALLS
- 14 ELEVATOR PENTHOUSE
- 15 POWER EXHAUST
- 16 EQUIPMENT PLATFORM
- 17 SCREENED TRASH ENCLOSURE
- 18 10' SCREEN WALL
- 19 GLAZING PANEL
- 20 ADMIN ENTRANCE
- 21 TRANSFORMER TYP.
- 22 GUARDHOUSE
- 23 ROOF MECHANICAL CHILLER

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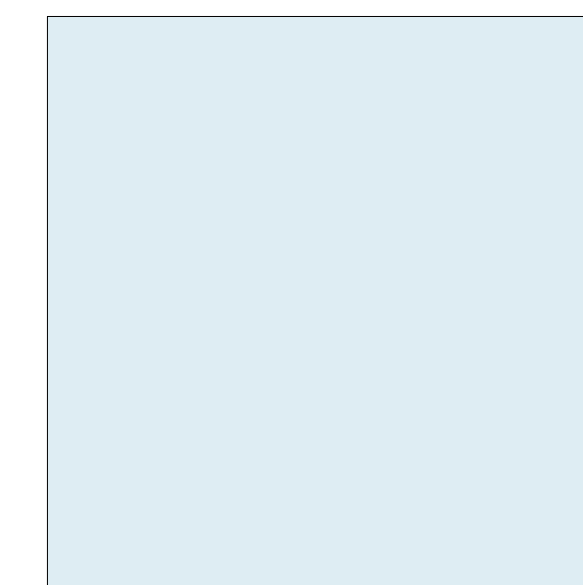
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San Jose, CA 95131**

April 06, 2026

EXTERIOR RENDERINGS & MATERIAL PALETTE 1

A5.1

D

C

B

A



SOUTH EAST - MAIN VEHICULAR ENTRANCE VIEW

SOUTH EAST - GENERATOR YARD VIEW

EIFS
(EXTERIOR INSULATION
and FINISH SYSTEMS)
PANEL - GREY -
CONCRETE TEXTURE

OWNER



CONTRACTOR

ARCHITECT



CIVIL



STRUCTURAL



MEP, FP, FA, TCOM



LANDSCAPE



SEC, CTRL, AV

PROGRESS SET
NOT FOR CONSTRUCTION

[illegible]

Charcot Ave Data Center

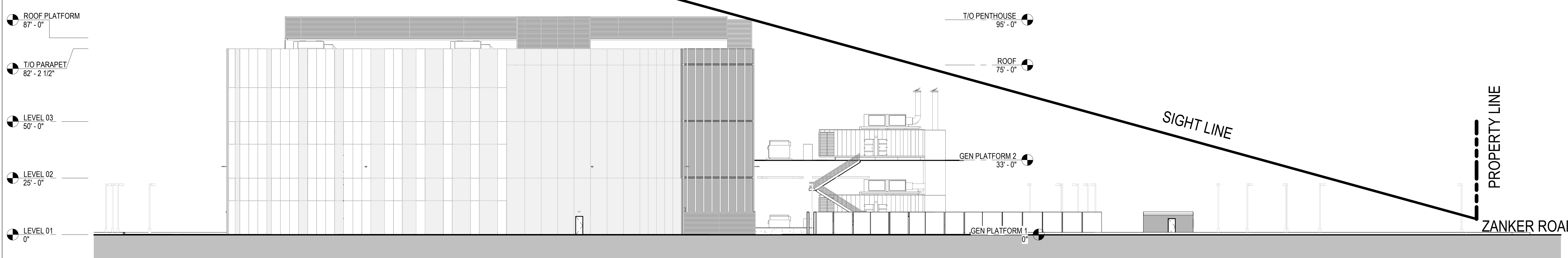
**326 Charcot Ave
San Jose, CA 95131**

April 06, 2026

EXTERIOR RENDERINGS & MATERIAL PALETTE 2

A5.2

A



1 FLOOR PLAN - TRASH ENCLOSURE
1" = 10'-0"

GENERAL NOTES	SHEET NOTES	LEGEND
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SEC, CTRL, AV[illegible]

A5.3

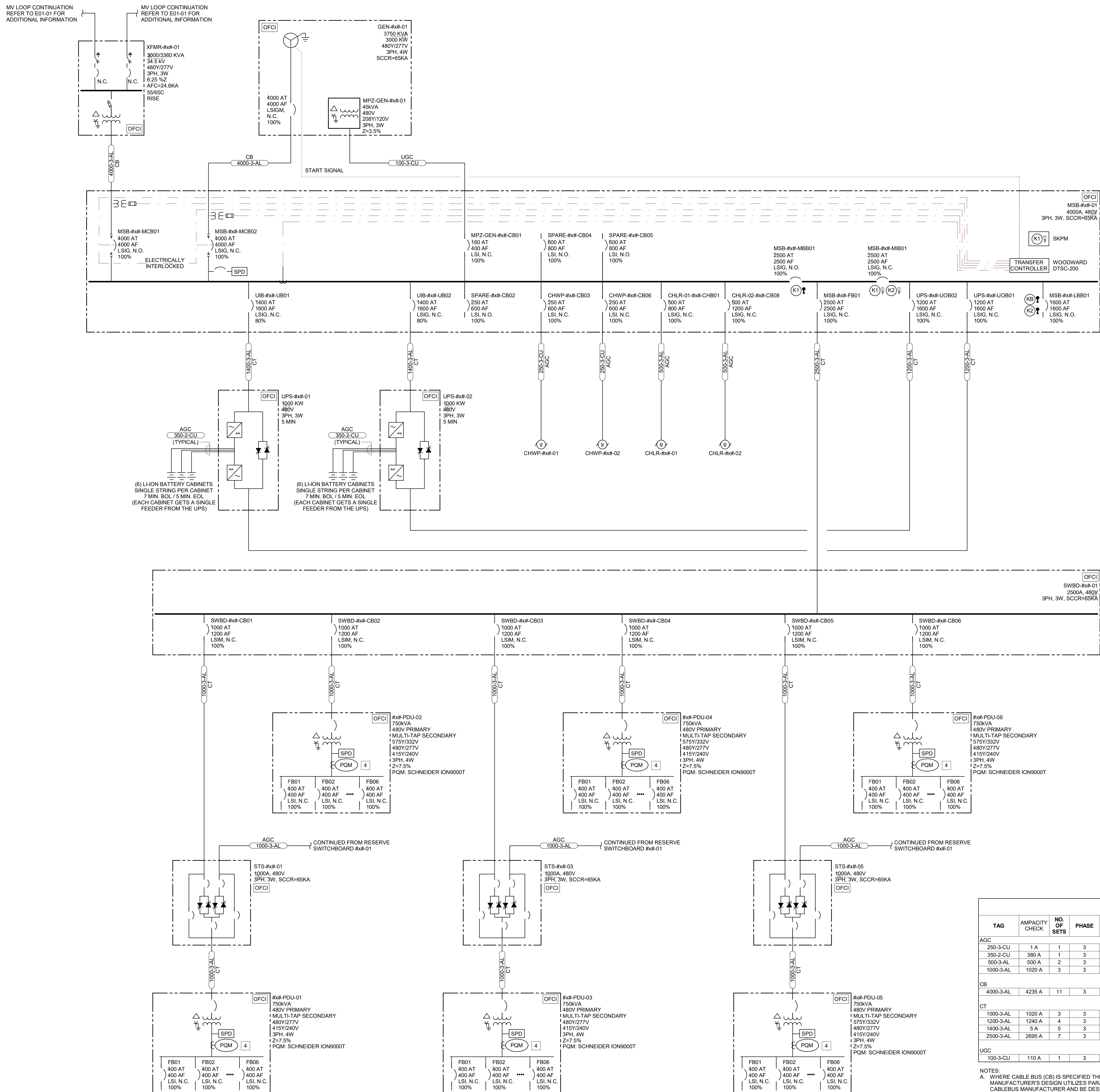
E

D

C

B

A



GENERAL NOTES

- A. FOR ALL OWNER-FURNISHED, CONTRACTOR-INSTALLED (OFCI) EQUIPMENT THE CONTRACTOR IS RESPONSIBLE FOR RECEIVING, SETTING IN PLACE, PROPERLY INSTALLING PER MANUFACTURER AND SPECIFICATION REQUIREMENTS, CONNECTING SHIPPING SPLITS AND INTERNAL CONTROL WIRING, PROVIDING ALL INPUT AND OUTPUT POWER AND CONTROL CONNECTIONS, ASSISTING WITH MANUFACTURER STARTUP PROCEDURES, AND TESTING.
- B. THIS DRAWING IS TYPICAL OF ALL PRIMARY BLOCKS. REPLACE THE FOLLOWING TEXT FOR EACH BLOCK.
- a. DHM TO BE REPLACED WITH SPECIFIC DATA HALL DESIGNATION: I.E. DH150, DH160, DH170 OR DH180
- b. xA TO BE REPLACED WITH SPECIFIC PRIMARY BLOCK DESIGNATION WITHIN THE DATA HALL. I.E. BLOCK A, B, C, D, OR E.
- C. REFER TO MECHANICAL SCHEDULES TO DETERMINE WHICH CHILLER AND CHILLED WATER PUMP IS FED FROM WHICH PRIMARY BLOCK.

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LANDSCAPE

siTe. SITE LANDSCAPE
ARCHITECTURE,
440 Cochran Circle,
Morgan Hill, CA 95037

SEC. CTRL. AV

PROGRESS SET
NOT FOR CONSTRUCTION

C	Entirement Package Final Draft	2026.04.24
B	Entirement Package Draft 2	2026.04.06
A	Entirement Package Draft 1	2026.03.20
NO.	DESCRIPTION	DATE

Charcot Data Center

326 Charcot Ave
San Jose, CA 95131

April 24, 2026

ELECTRICAL SINGLE-LINE -
TYPICAL PRIMARY CRITICAL
SYSTEM

E01-02

SCALE: AS NOTED

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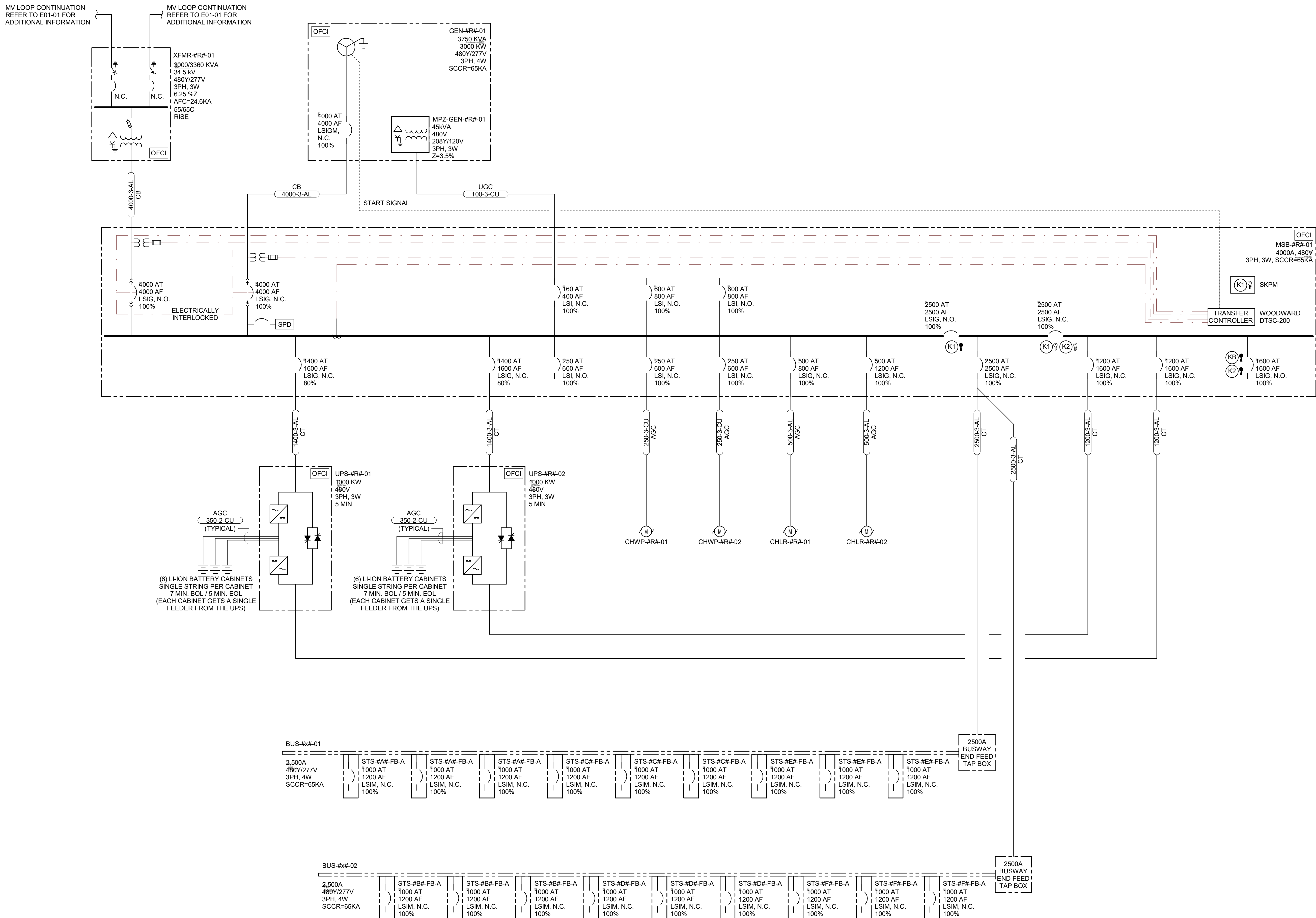
E

D

C

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A



GENERAL NOTES

- A. FOR ALL OWNER-FURNISHED, CONTRACTOR-INSTALLED (OFCI) EQUIPMENT THE CONTRACTOR IS RESPONSIBLE FOR RECEIVING, SETTING IN PLACE, PROPERLY INSTALLING PER MANUFACTURER AND SPECIFICATION REQUIREMENTS, CONNECTING SHIPPING SPLITS AND INTERNAL CONTROL WIRING, PROVIDING ALL INPUT AND OUTPUT POWER AND CONTROL CONNECTIONS, ASSISTING WITH MANUFACTURER STARTUP PROCEDURES, AND TESTING.
- B. THIS DRAWING IS TYPICAL OF ALL RESERVE BLOCKS. REPLACE THE FOLLOWING TEXT FOR EACH BLOCK.
- a. DH# TO BE REPLACED WITH SPECIFIC DATA HALL DESIGNATION; I.E. DH150, DH 160, DH 170 OR DH180

OWNER

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Suite 165
Clifton Park, NY 12065

LANDSCAPE

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ARCHITECTURE
440 Cochrane Circle,
Morgan Hill, CA 95037

SEC. CTRL. AV

PROGRESS SET NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE
C	Entirement Package Final Draft	2026.04.24
B	Entirement Package Draft 2	2026.04.06
A	Entirement Package Draft 1	2026.03.20

Charcot Data Center

326 Charcot Ave
San Jose, CA 95131

April 24, 2026

ELECTRICAL SINGLE-LINE -
TYPICAL RESERVE CRITICAL
SYSTEM

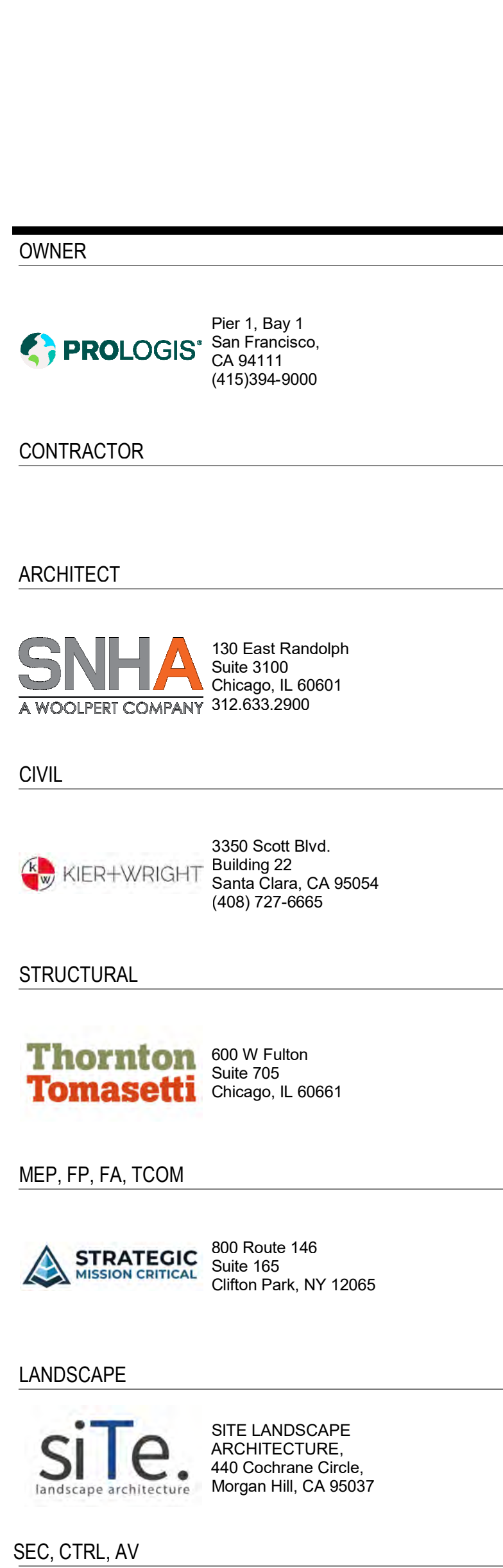
E01-03

SCALE: AS NOTED

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LOW VOLTAGE FEEDER SCHEDULE									
TAG	AMPACITY CHECK	NO. OF SETS	PHASE	PER SET				CONDUIT	CONDUCTOR MATERIAL
				NO. OF WIRES	NO. OF PHASE WIRE	PHASE WIRE	NEUTRAL WIRE		
AGC									
250-3-CU	1 A	1	3	3		250 kCMIL		#4	2-1/2"
350-2-CU	380 A	1	3	2		#900		#3	3"
500-3-AL	500 A	2	3	3		#350		#1/0	3"
CB									
4000-3-AL	4235 A	11	3	3		#750		#800	4"
CT									
1200-3-AL	1240 A	4	3	3		#500		#250	3"
1400-3-AL	5 A	5	3	3		500 kCMIL		350 kCMIL	3-1/2"
2500-3-AL	2695 A	7	3	3		#750		#600	4"
UGC									
100-3-CU	110 A	1	3	3		#1		#8	1-1/2"

NOTES:
A. WHERE CABLE BUS (CB) IS SPECIFIED THERE IS ONLY A SINGLE GROUND WIRE PER CABLE BUS UNLESS MANUFACTURER'S DESIGN UTILIZES PARALLEL GROUNDS. FINAL CABLEBUS SIZING SHALL BE PROVIDED BY CABLEBUS MANUFACTURER AND BE DESIGNED IN ACCORDANCE WITH NEC TABLE 310.16 FOR A 75C OPERATING TEMPERATURE IN A 40C AMBIENT.



C	Enrollment Package Final Draft	2026-04-24
B	Enrollment Package Draft 2	2026-04-08
A	Enrollment Package Draft 1	2026-03-20
NO.	DESCRIPTION	DATE

SCALE: AS NOTED

LOW VOLTAGE FEEDER SCHEDULE											
TAG	AMPACITY CHECK	NO. OF SETS	PHASE	PER SET					GROUND WIRE	CONDUIT	CONDUCTOR MATERIAL
				NO. OF WIRE	NO. OF PHASE WIRE	PHASE WIRE	NEUTRAL WIRE				
AGC											
T-40-3-AL	35 A	1	3	3			#8		#8	3/4"	AL
50-3-AL	55 A	1	3	3			#8		#8	1-1/4"	AL
T-100-3-CU	110 A	1	3	3			#4		#6	1-1/4"	CU
150-3-CU	150 A	1	3	3			#1/0		#6	1-1/2"	CU
250-3-CU	1 A	1	3	3			250 KCMIL		#4	2-1/2"	CU
T-250-3-CU	1 A	1	3	3			250 KCMIL		#2	2-1/2"	CU
400-3-CU	200 A	1	3	3			#3		#2	2"	CU
400-3-AL	410 A	2	3	3			#250		#1	2-1/2"	AL
600-3-AL	620 A	2	3	3			#500		#2/0	3"	AL
1600-3-AL	1700 A	5	3	3			#600		#350	MC	AL
CB											
2000-3-AL	6 A	6	3	3			600 KCMIL		400 KCMIL	3"	AL
UGC											
100-3-CU	110 A	1	3	3			#1		#8	1-1/2"	CU
350-3-CU	380 A	1	3	3	3		500 KCMIL	--	#3	3"	CU

A



1

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A



1

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1 LEVEL 03
1" = 30'-0"

5

3

1

 **PROLOGIS**
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Tomasetti** 600 W Fulton
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Chicago, IL 60661

MEP, FP, FA, TCOM

 **STRATEGIC**
MISSION CRITICAL

LANDSCAPE

siTe.
landscape architecture

SITE LANDSCAPE
ARCHITECTURE,
440 Cochrane Circle,
Morgan Hill, CA 95037

SEC, CTRL, AV

PROGRESS SET
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C	Entirement Package Final Draft	2020-06-26
B	Entirement Package Draft 2	2020-06-09
A	Entirement Package Draft 1	2020-03-20
NO.	DESCRIPTION	DATE

Charcot Data Center

326 Charcot Ave
San Jose, CA 95131

April 24, 2026

POWER PLAN - LEVEL THREE -
OVERALL

E02-03

SCALE: AS NOTED

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1

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E

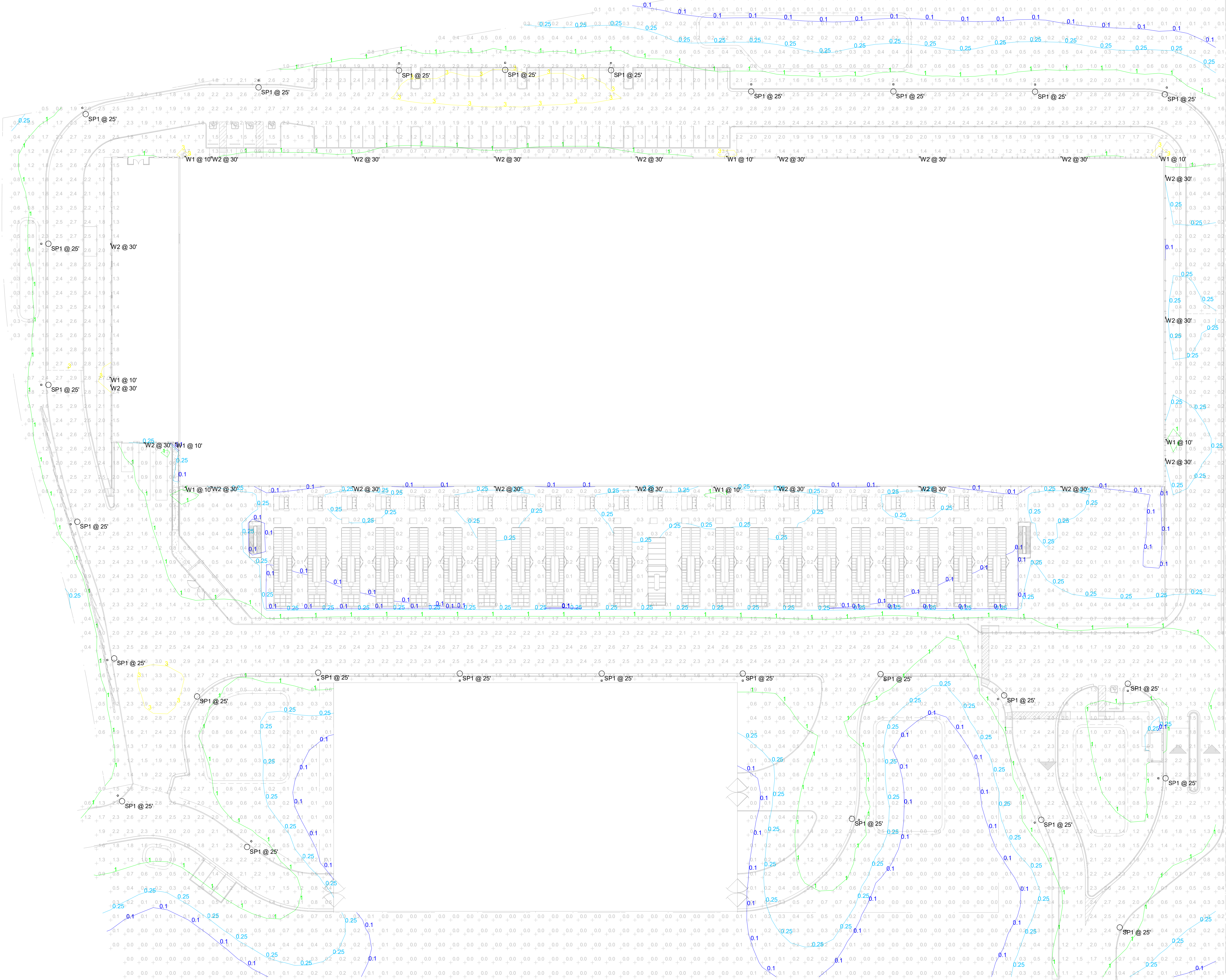
D

C

B

A

LUMINAIRE SCHEDULE															SITE AREA POLE LIGHTING			
TAG	COUNT	DESCRIPTION	ELECTRICAL REQUIREMENTS		LAMP REQUIREMENTS			CONTROL	DIMENSIONS		FIXTURE COLOR	FIXTURE MOUNTING	LISTING	MANUFACTURER	CATALOG NUMBER	HEIGHTS		
			VOLT-AMPS	VOLTAGE	TYPE	TEMP	CRI		LENGTH	WIDTH	RADIUS					CONCRETE BASE	POLE	HEAD
SP1	27	LED SQUARE ARM MOUNT LUMINAIRES, CUTOFF AREA LIGHT FIXTURE LED ARRAYS	144 VA	277 V	LED	4000K	70	0-10V DIMMING	1'-11"	1'-11"	BLACK ANODIZED	POLE/ARM	WET LISTED	LITHONIA	DSX2-LED-P1-40K-70CRI-T2M-HS	2'-6"	22'-6"	25'-0"
W1	8	WALL MOUNTED EGRESS FIXTURE		277 V	LED	4000K	70	0-10V DIMMING				WALL MOUNTED AT 10'-0" AFF	WET LISTED	LITHONIA	WPX1 LED P1 40K MVOLT			
W2	20	MAST ARM FIXTURE WITH 4000K LED TYPE 5 OPTICS	74 VA	277 V	LED	4000K	70	0-10V DIMMING				WALL MOUNTED AT 30'-0" AFF	WET LISTED	LITHONIA	DSXW1 LED P2 40K 70CRI T4M			



1 SITE PHOTOMETRIC PLAN
1" = 30'-0"

OWNER

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Suite 165 Clifton Park, NY 12065

LANDSCAPE

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ARCHITECTURE, 440 Cochrane Circle,
landscape architecture Morgan Hill, CA 95037

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PROGRESS SET
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NO.	DESCRIPTION	DATE
C	Entirement Package Final Draft	2026.04.24
B	Entirement Package Draft 2	2026.04.06
A	Entirement Package Draft 1	2026.03.20

Charcot Data Center

326 Charcot Ave
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April 24, 2026

SITE LIGHTING PHOTOMETRICS

E03-00.1

SCALE: AS NOTED

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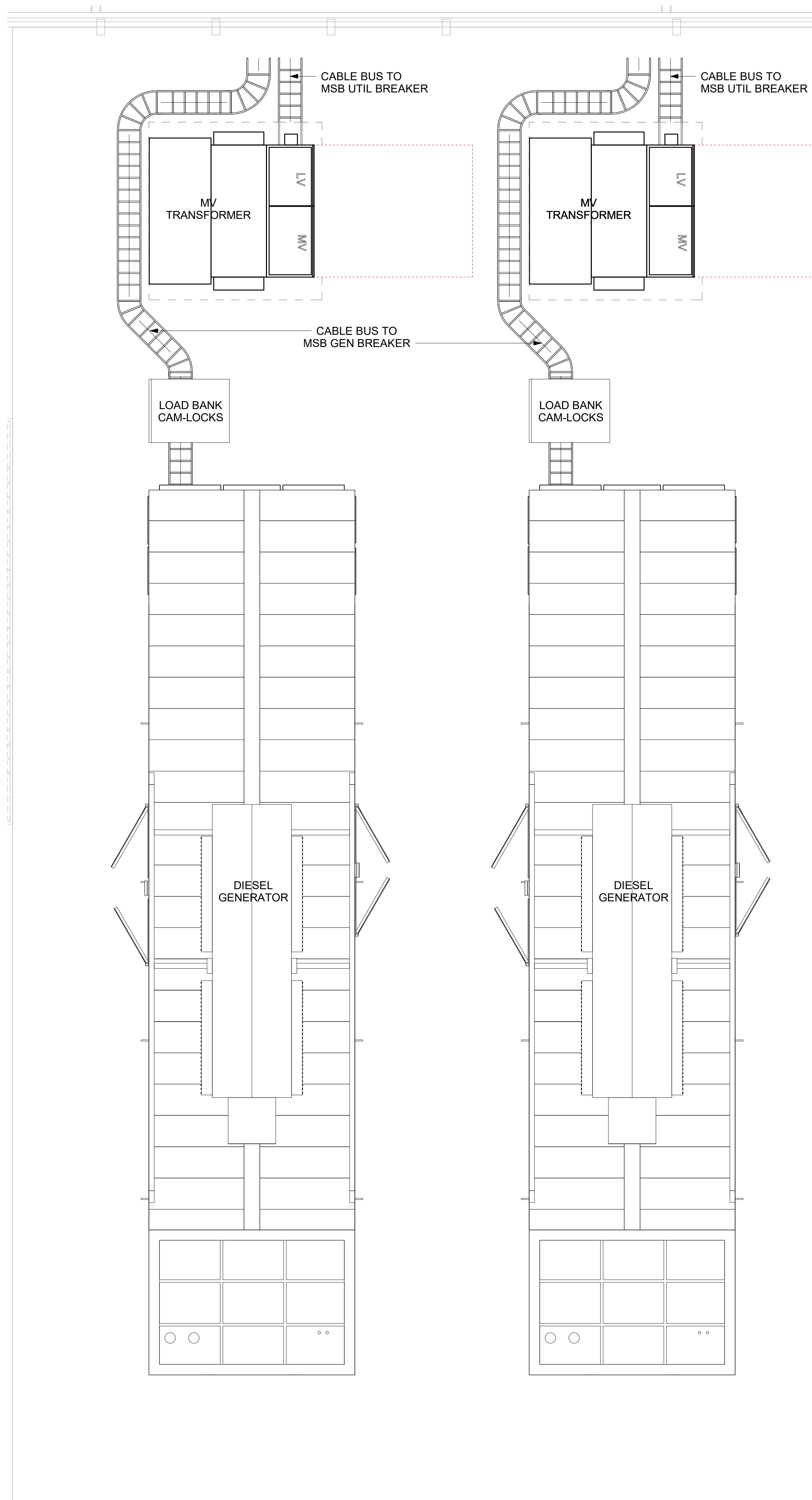
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D

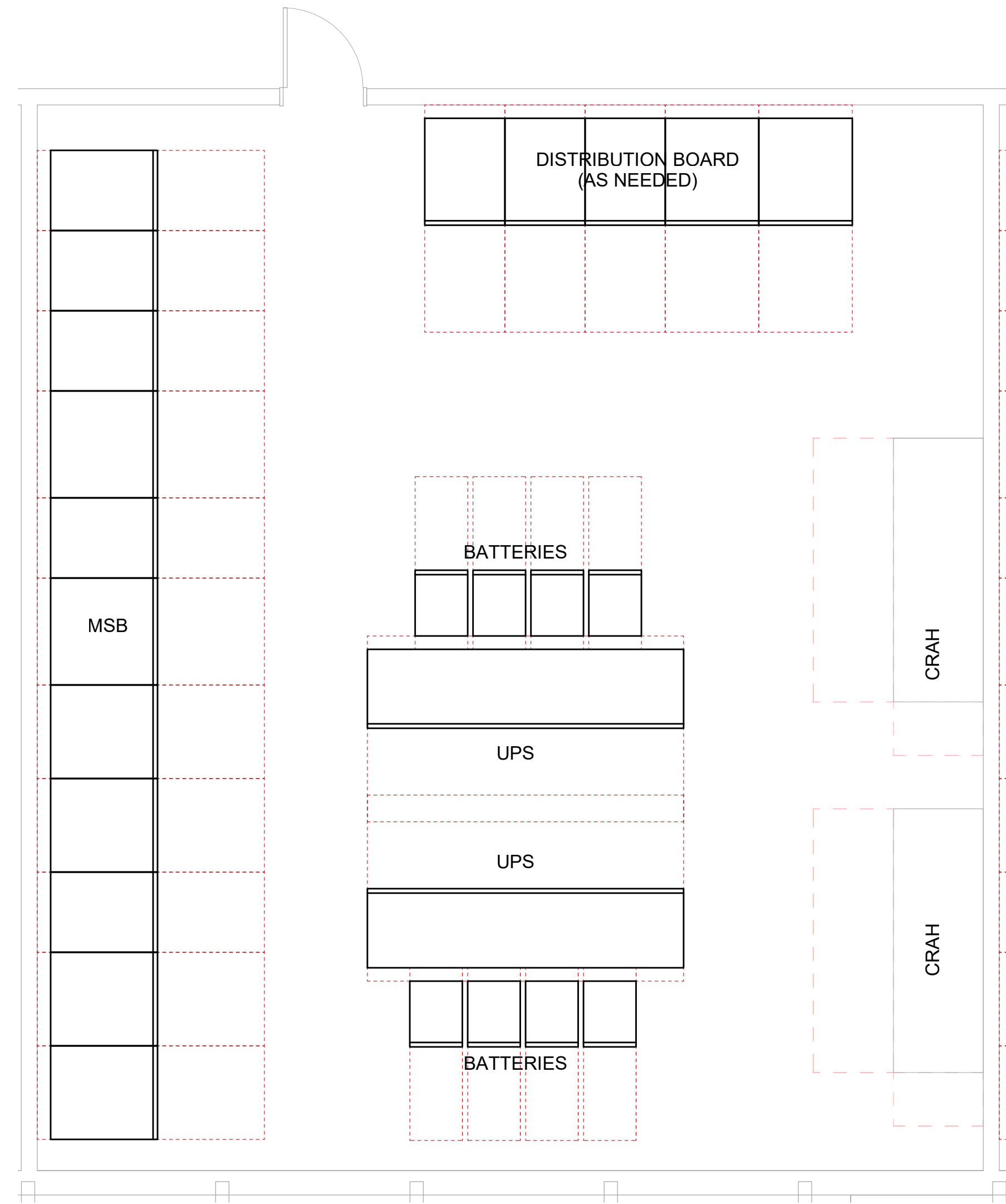
C

B

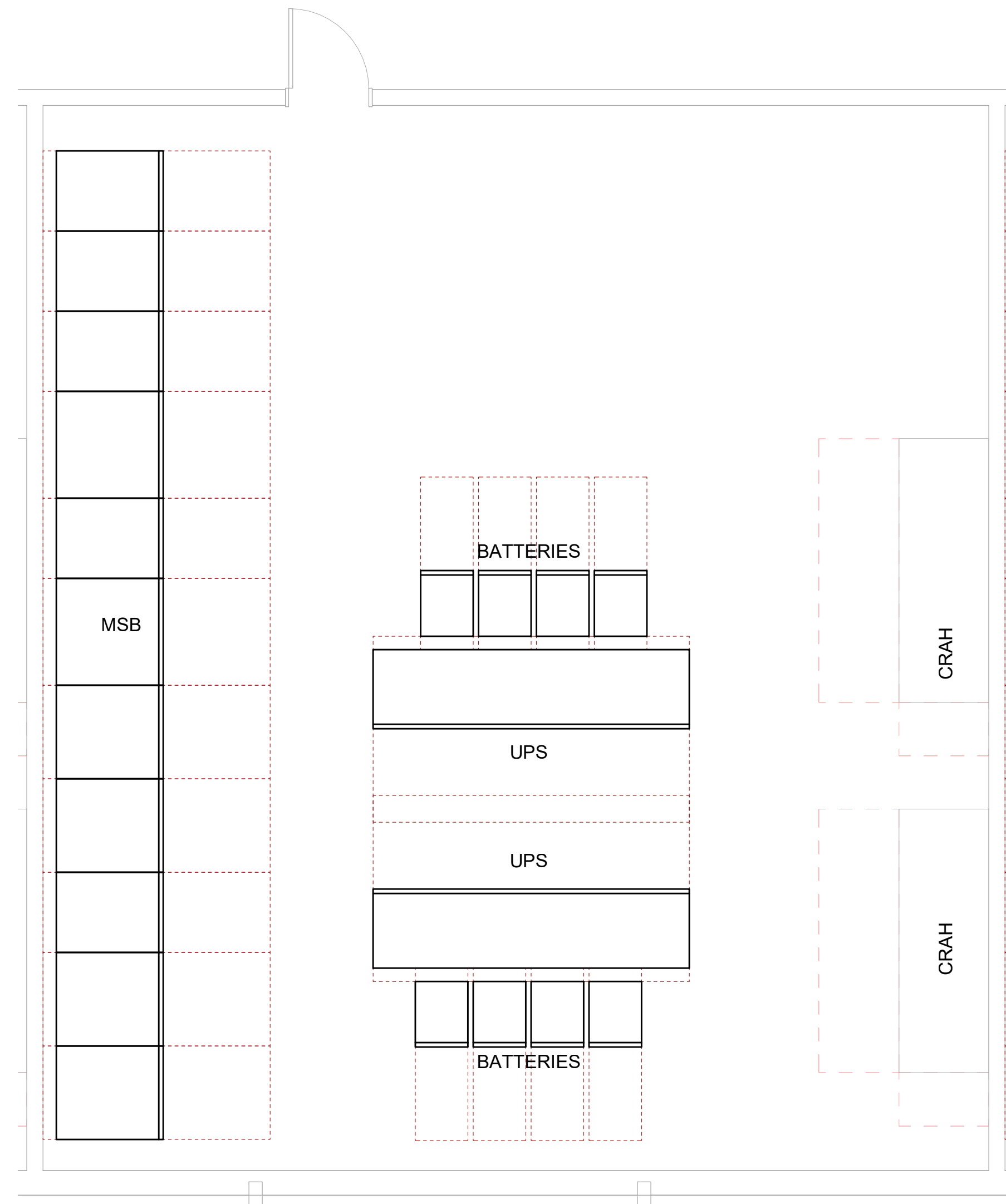
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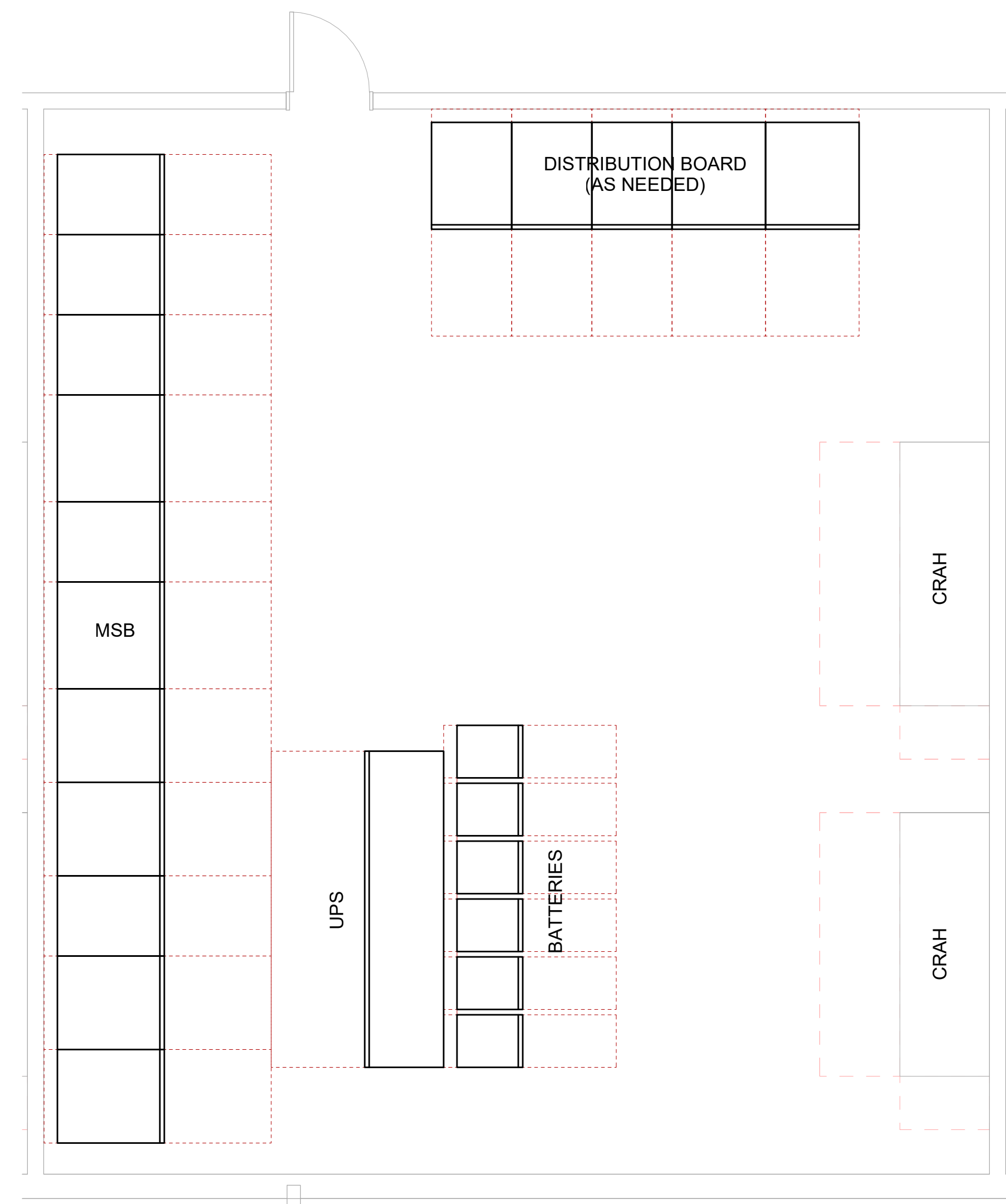
① ENLARGED PLAN - TYPICAL GENERATOR YARD
1/4" = 1'-0"



④ ENLARGED PLAN - TYPICAL PRIMARY CRITICAL ROOM
1/4" = 1'-0"



② ENLARGED PLAN - TYPICAL RESERVE CRITICAL ROOM
1/4" = 1'-0"



③ ENLARGED PLAN - TYPICAL HOUSE ELECTRICAL ROOM
1/4" = 1'-0"

GENERAL NOTES

- A. COORDINATE FINAL EQUIPMENT LOCATIONS, RATINGS AND INSTALLATION REQUIREMENTS OF EQUIPMENT WITH OTHER RELEVANT TRADES PRIOR TO ROUGH-IN.
- B. ELECTRICAL EQUIPMENT, INCLUSIVE BUT NOT LIMITED TO: SWITCHBOARDS, SWITCHGEAR, ENCLOSED PANELBOARDS, CONTROL PANELS, AND MOTOR CONTROL CENTERS SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ARC FLASH HAZARDS PER NEC 110.16 & NFPA 70E. CONTRACTOR SHALL BE RESPONSIBLE FOR PRINTING AND INSTALLATION OF LABELS USING DATA PROVIDED BY ENGINEER.
- C. TRANSFORMERS 112.5KVA AND SMALLER SHALL BE SUSPENDED FROM STRUCTURE OR MOUNTED USING MANUFACTURER WALL MOUNT BRACKET UNLESS OTHERWISE NOTED.
- D. ALL RECEPTACLES IN UPS AND ELECTRICAL ROOMS CONTAINING SWITCHBOARDS, PANELBOARD, OR OTHER MAJOR ELECTRICAL EQUIPMENT SHALL BE GFCI TYPE PER THE REQUIREMENTS OF NEC 210.13 AND 210.63.

OWNER

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Morgan Hill, CA 95037

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PROGRESS SET NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE
C	Enrichment Package Final Draft	2026.04.24
B	Enrichment Package Draft 2	2026.04.06
A	Enrichment Package Draft 1	2026.03.20

Charcot Data Center

326 Charcot Ave
San Jose, CA 95131

April 24, 2026

ENLARGED ELECTRICAL FLOOR
PLANS

E04-01

SCALE: AS NOTED

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