

CENT PLANT 1ST FLR
PO&M Emissions UREA
Project -jELECT. CONNECTION

4840 2nd AVENUE
SACRAMENTO, CA 95817

UC DAVIS
HEALTH

HGA

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



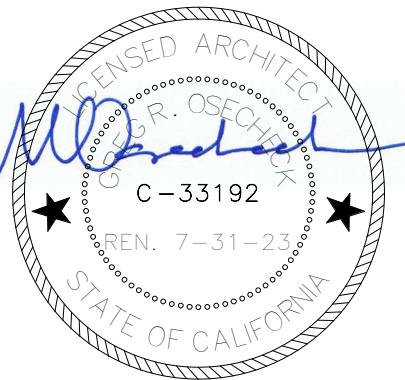
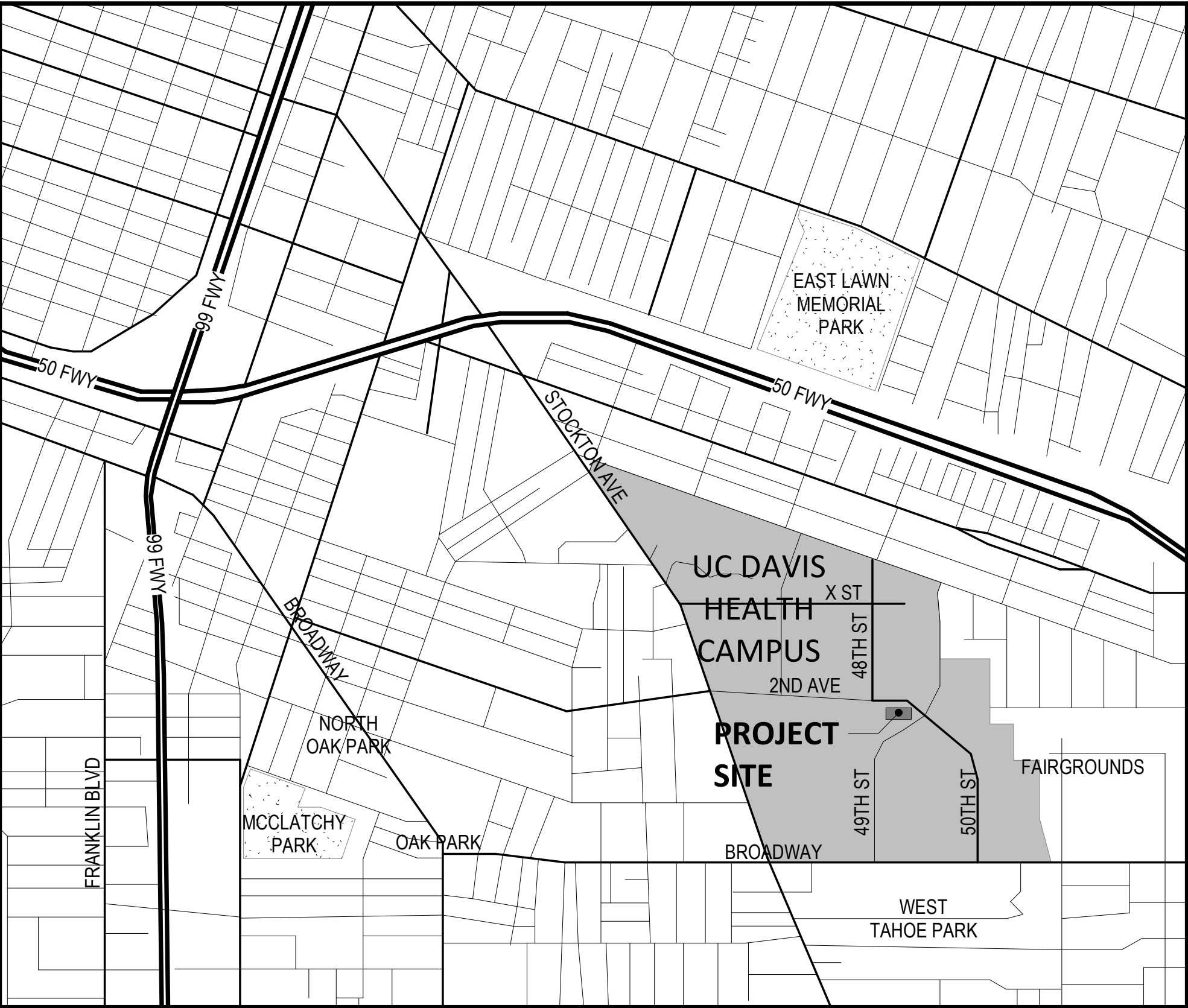
HCAi Project Number: S230637-34-00

Owner Project Number: 9557240

HGA COMMISSION NUMBER: 1500-154-00

June 1, 2023

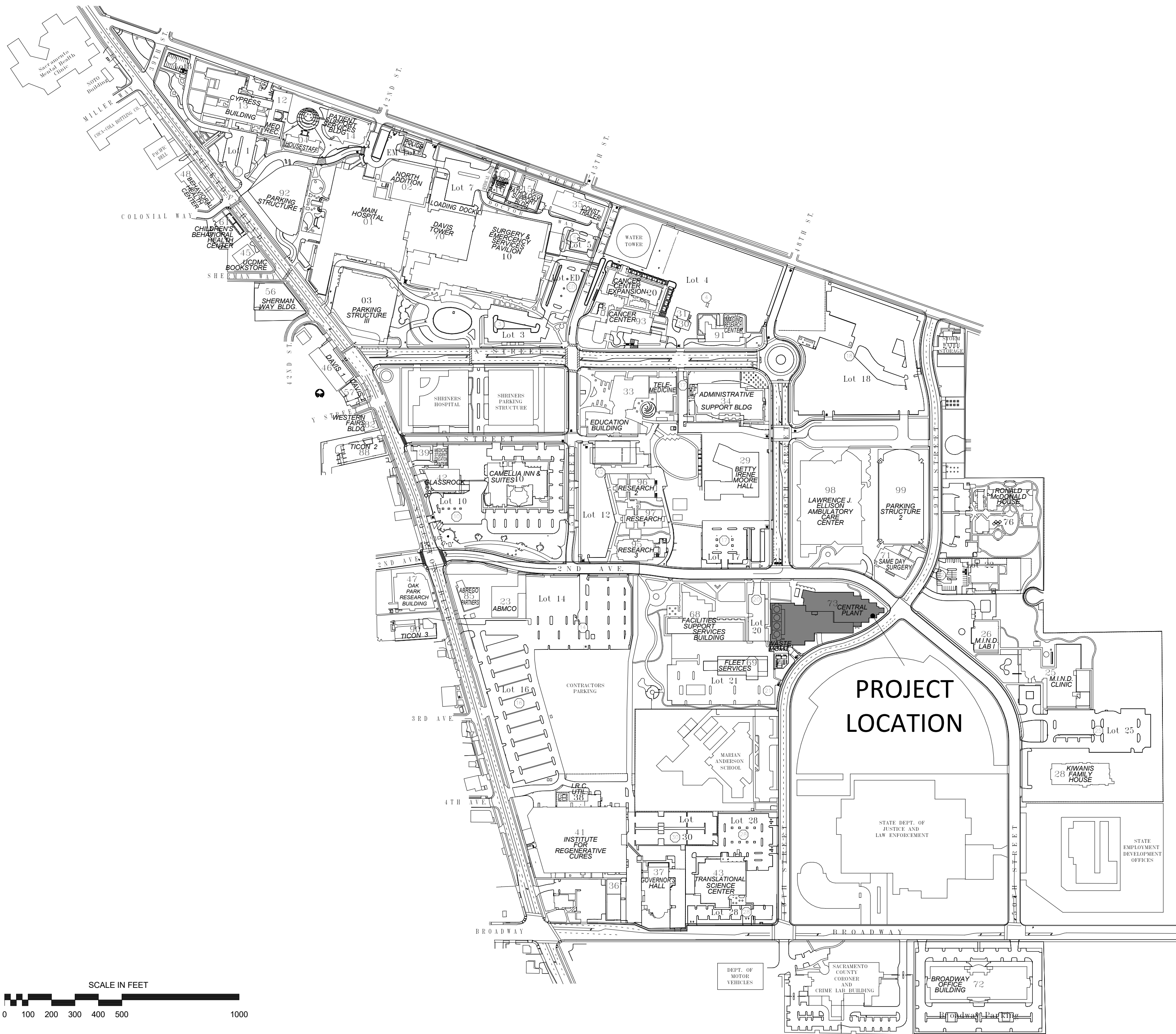
MAP: 4840 2ND AVENUE
SACRAMENTO, CA 95817



G000A

INDEX FACILITY

- 1 MAIN HOSPITAL
- 2 NORTH ADDITION
- 4 HOUSE STAFF FACILITY
- 3 PARKING STRUCTURE
- 10 SURGERY AND EMERGENCY SERVICES PAVILLION
- 12 MEDICAL RECORDS BUILDING
- 13 CYPRESS BUILDING (PRIMARY CARE CENTER)
- 14 PATIENT SUPPORT SERVICES BUILDING (PSSB)
- 15 PATHOLOGY ADMINISTRATION TEACHING & HISTOLOGY (PATH)
- 16 BULK OXYGEN STORAGE YARD
- 20 CANCER CENTER EXPANSION
- 23 ABMCO BUILDING (ABREGO PARTNERSHIP)
- 25 M.I.N.D. INSTITUTE CLINIC & RESOURCE CENTER
- 26 M.I.N.D. INSTITUTE LABORATORY
- 28 KIWANIS FAMILY HOUSE
- 29 BETTY IRENE MOORE HALL
- 30 RADIATION ONCOLOGY TRAILER
- 31 CLINICAL TRIALS TRAILER
- 33 EDUCATION BUILDING
- 34 ADMINISTRATIVE SUPPORT BUILDING (ASB)
- 35 TRAILER 35 (S.E.S.P. CONSTRUCTION TRAILER)
- 36 CLINICAL & TRANSLATION SCIENCE CENTER ANNEX
- 37 GOVERNOR'S HALL
- 38 I.R.C. UTILITY BUILDING
- 39 STUDENT FITNESS CENTER
- 40 COURTYARD BY MARRIOTT MIDTOWN
- 41 INSTITUTE FOR REGENERATIVE CURES (IRC)
- 42 GLASSROCK BUILDING
- 43 TRANSLATIONAL SCIENCE CENTER
- 45 UCDCM BOOKSTORE
- 46 DAVIS I
- 47 OAK PARK RESEARCH BUILDING
- 48 BEHAVIOR HEALTH CENTER
- 49 GRANGE II BUILDING (***)
- 50 BULKLEY BUILDING (***)
- 56 SHERMAN WAY BUILDING
- 60 JACKSON BUSINESS PARK III (***)
- 61 CHILDREN'S BEHAVIORAL HEALTH CENTER
- 63 POLICE BUILDING
- 65 UCDCM-DAVIS (***)
- 68 FACILITIES SUPPORT SERVICES BUILDING (FSF)
- 70 DAVIS TOWER
- 71 SAME DAY SURGERY CENTER
- 72 BROADWAY BUILDING
- 73 CENTRAL PLANT
- 74 WASTE MANAGEMENT FACILITY
- 76 RONALD McDONALD HOUSE
- 77 JACKSON BUSINESS PARK (***)
- 78 CALIFORNIA MEDICAL BUILDING (***)
- 82 WESTERN FAIRS BUILDING
- 84 DONNER SCHOOL BUILDING (***)
- 85 HUNT BUILDING
- 86 JACKSON BUSINESS PARK II (***)
- 87 TICON I (***)
- 88 TICON II
- 90 TICON III
- 91 IMAGING RESEARCH CENTER
- 92 PARKING STRUCTURE
- 95 RESEARCH BUILDING III
- 96 RESEARCH BUILDING II (CLINICAL LABORATORY BUILDING)
- 97 RESEARCH BUILDING I
- 98 LAWRENCE J. ELLISON AMBULATORY CARE CENTER
- 99 PARKING STRUCTURE 2
- (***) FACILITY NOT SHOWN ON THIS PLAN



NOTE: RENDERING NOT FOR CONSTRUCTION USE

PROJECT INFORMATION

PROJECT NAME: UCDCM CENTRAL PLANT UREA SYSTEM ELECTRICAL CONNECTION PROJECT

PROJECT DESCRIPTION: CONNECTION OF THE NEW CENTRAL PLANT UREA EMISSIONS EQUIPMENT TO EXISTING ELECTRICAL SYSTEM. NEW UREA EMISSIONS EQUIPMENT IS UNDER A SEPARATE PERMIT AND TO BE INSTALLED IN THE NON-HCAI PORTION OF THE BUILDING. NEW ELECTRICAL WIRING WILL REUSE THE EXISTING CONDUITS AND RACEWAYS - NO NEW STRUCTURAL CONNECTIONS OR NEW RATED WALL PENETRATIONS ARE PROPOSED

OCCUPANCY: MIXED OCCUPANCY:
F-1 & H-3 (B-4 & H3 1992 CBC) YES

PROPOSED USE: SEISMIC ZONE:
(E) ELECTRICAL ROOM - NO CHANGE OF USE D

PROJECT ADDRESS: HCAI FACILITY ID#: 10619
CENTRAL PLANT HCAI BUILDING #: 01444
4840 2nd AVENUE
SACRAMENTO, CA 95817

REQUIRED FIRE SEPARATION: TYPE OF CONSTRUCTION:
(E) 1-HR III-B (III-N 1992 CBC)

PROJECT FLOOR AREA: BLDG STORIES:
20 SF (E) 2 STORIES (55' MAX. HEIGHT)

FIRE SPRINKLER SYSTEM:
YES - PER NFPA 13

CALGREEN:
CODE SECTIONS APPLY ONLY TO PORTIONS OF BUILDING BEING ALTERED - PROPOSED ALTERATIONS ARE FOR ELECTRICAL CONNECTION ONLY - CALGREEN MANDATORY MEASURES DO NOT APPLY

CONTACT INFORMATION

OWNER: UC DAVIS HEALTH PHONE: (916) 281-8795
CONTACT: CASEY LUBAWY EMAIL: clubawy@ucdavis.edu

ARCHITECT: HAMMEL, GREEN AND ABRAHAMSON PHONE: (916) 787-5129
CONTACT: GREG OSECHECK EMAIL: gosecheck@hga.com

INTEGRATED ENGINEER: IEC CORPORATION PHONE: (916) 541-3045
CONTACT: CHAN LAM EMAIL: clam@iec-corporation.com

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 2020 (NFPA 70) 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 (CPC)

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)

LIFE SAFETY CODE:

2021 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:

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

ANSI:

CABO/ANSI A117-1 - 2017 (ACCESSIBILITY)

FM INSURED:

N/A

ELEVATORS:

TITLE 8 - DIVISION 1, CHAPTER 4, SUBCHAPTER 6, CCR

HEALTH DEPARTMENT REGULATIONS:

CALIFORNIA DEPARTMENT PUBLIC HEALTH (CDPH)

HEALTHCARE DESIGN GUIDELINES:

CHAPTER 4, CBC - PART 2, TITLE 24, CCR AND TITLE 22 - DIVISION 5, CCR

AUTHORITY HAVING JURISDICTION:

UC DAVIS - BUILDING PERMIT SERVICES / HCAI (for specific portions)

COUNTY OF:

SACRAMENTO, CA

2022 CALIFORNIA EXISTING BUILDING CODE (CEBC): (when applicable)

PART 10, TITLE 24, CCR, BASED ON THE 2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

2022 CALIFORNIA HISTORIC BUILDING CODE (CHBC): (when applicable)

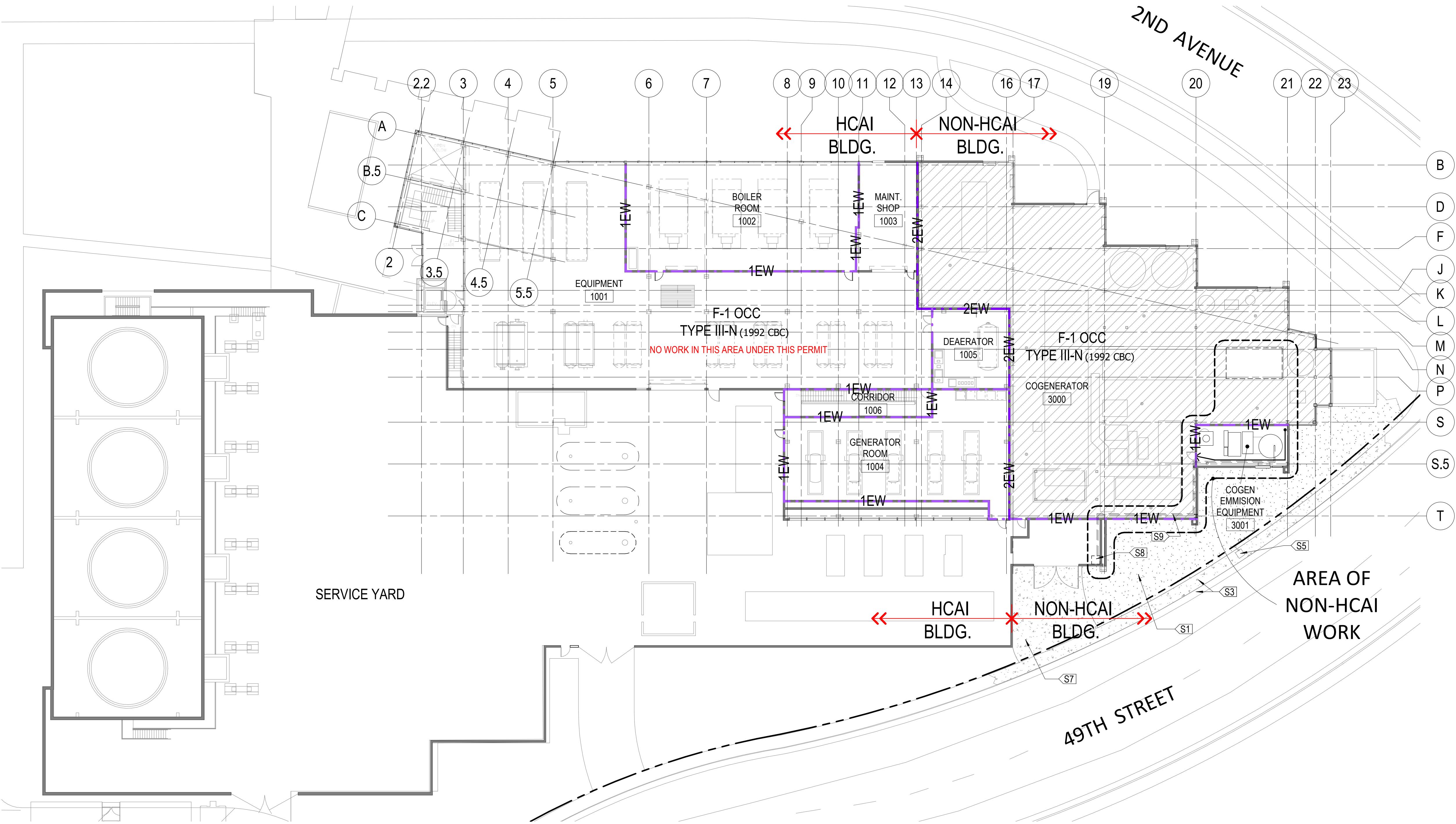
PART 8, TITLE 24, CCR

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC): (when applicable)

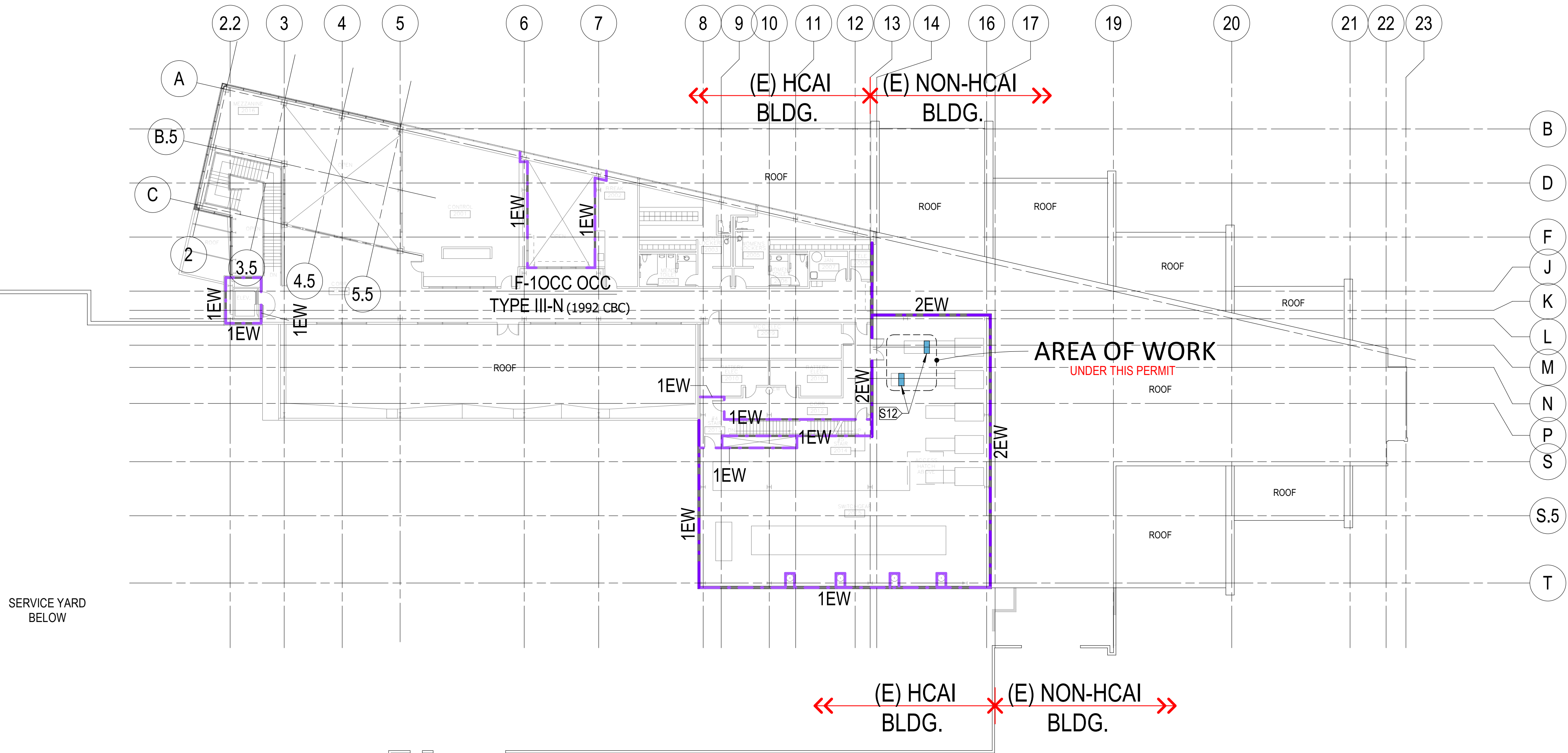
PART 11, TITLE 24, CCR

DRAWING INDEX for HCAi

REV #	NUMBER	SHEET NAME
1-GENERAL (HGA) for HCAi		
1	G000A	COVERSHEET
	G032	LEVELS 1 & 2 - OVERALL FLOOR / SITE PLANS
15-ELECTRICAL (IEC)		
1	E001.1	SYMBOLS 1
1	E002.1	SYMBOLS 2
1	E085	73MCC0235 SINGLE LINE 1 AND FRONT ELEVATION
1	E085D	73MCC0236 SINGLE LINE 1 AND FRONT ELEVATION DEMO
1	E088D	73MCC0236 SINGLE LINE 1 AND FRONT ELEVATION DEMO
1	E089	73MCC0236 SINGLE LINE 2
1	E089D	73MCC0236 SINGLE LINE 2 DEMO
1	E098	EQUIPMENT LOADING SINGLE LINE 4
1	E098D	EQUIPMENT LOADING SINGLE LINE 4 DEMO
Grand total: 11		



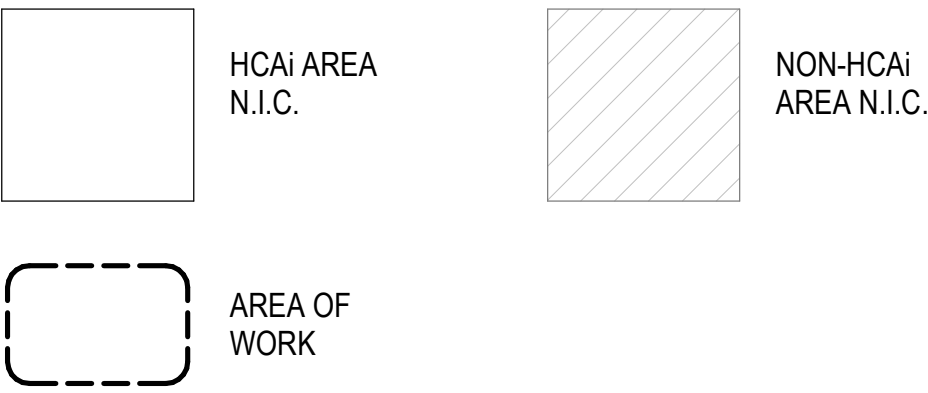
1 OVERALL FLOOR / SITE PLAN - LEVEL 01 (FOR REFERENCE ONLY - NO WORK PROPOSED)
1" = 20'-0"



2 OVERALL FLOOR PLAN - LEVEL 02
1" = 20'-0"

PLAN SYMBOL DESIGNATIONS

(SYMBOLS ONLY - SEE LIFE SAFETY PLANS FOR ACTUAL INFORMATION)

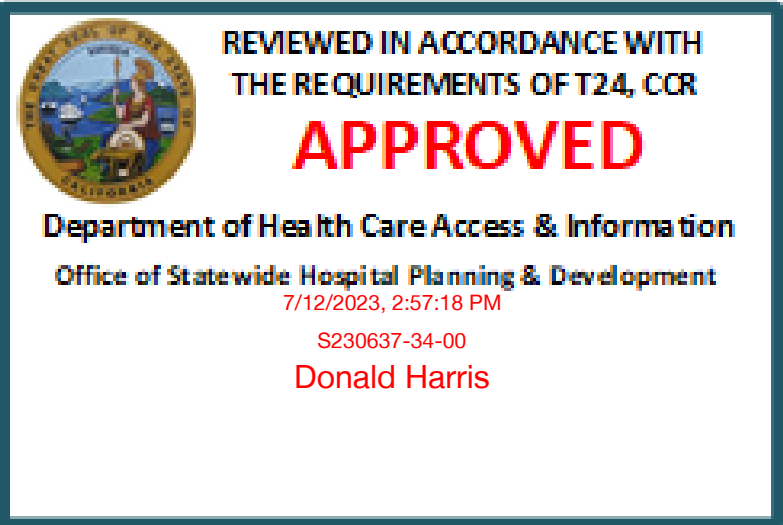


REQUIRED ASSEMBLY RATING

ASSEMBLY TYPE	NEW	EXISTING
1 ONE HOUR FIRE WALL	W	EW
2 TWO HOUR FIRE WALL	W	EW
F FIRE EXTINGUISHER (Coordinate with NFPA 10)	S	FIRE DEPARTMENT CONNECTION
SP STANDPIPE HOSE CONNECTION	HE	HORIZONTAL EXIT

KEYNOTES - SITE PLAN - LIFE SAFETY

#	DESCRIPTION
S1	EXISTING PLANTING AREAS / SHRUBS TO REMAIN AND BE PROTECTED OR REPLACED IN-KIND AT CONCLUSION OF OTHER WORK
S3	EXISTING CONC. SIDEWALK, CURB & GUTTER TO REMAIN AND BE PROTECTED
S5	EXISTING STREET LIGHTING POLE TO REMAIN AND BE PROTECTED
S7	EXISTING CONC. DRIVEWAY TO REMAIN
S8	APPROXIMATE LOCTAION OF (N) TEMPORARY REMOTE FILL STATION, FOR (N) INTERIOR UREA STORAGE TANK, SEE IEC OR FUEL TECH DRAWINGS FOR MORE INFO.
S9	APPROXIMATE LOCATION OF (N) REMOTE FILL LINE PIPING FROM (N) TEMP. REMOTE FILL STATION TO (N) INTERIOR UREA STORAGE TANK, SEE IEC OR FUEL TECH DRAWINGS FOR MORE INFO.
S12	APPROXIMATE LOCATIONS OF ELECTRICAL SCOPE IN (E) SWITCHGEAR ROOM, HCAI JURISDICTION, NEW ELECTRICAL WIRING WILL USE EXISTING CONDUITS & RACEWAYS, NO NEW STRUCTURAL CONNECTIONS PROPOSED, NO NEW FIRE RATED PENETRATIONS PROPOSED



DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION
HGA PROJ. NO: 1500-154-00
HCAI PROJ. NO: S230637-34-00



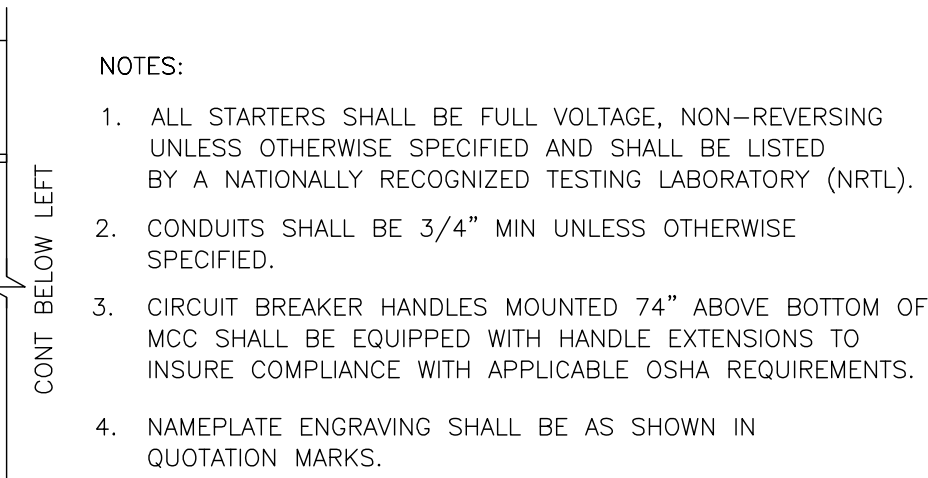
DESIGN PROFESSIONALS OF RECORD
UC DAVIS HEALTH
FACILITIES DESIGN & CONSTRUCTION
4800 2ND AVENUE, SUITE 3010
SACRAMENTO, CALIFORNIA 95817
(916) 734-7024

MECHANICAL/ELECTRICAL/
PLUMBING ENGINEER
IEC
Integrated Engineers & Contractors Corporation
8769 Folsom Blvd, Suite 205 Sacramento, CA 95826
Phone (916) 383-6800 Fax (916) 383-6810

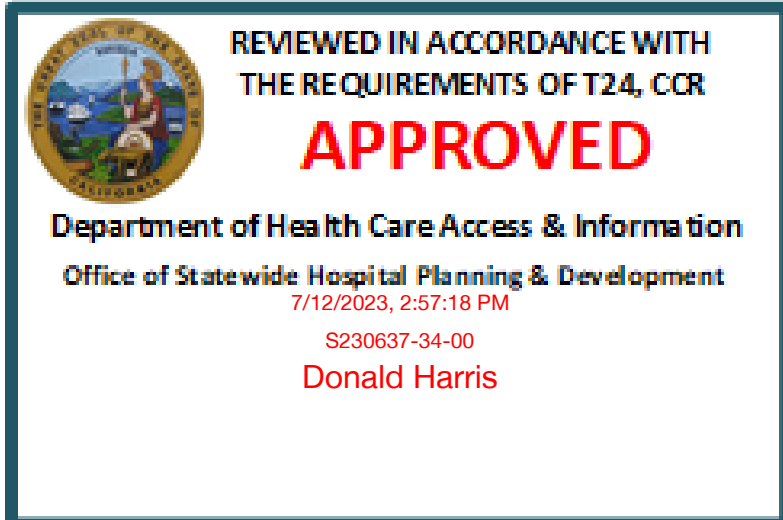
THIS ISSUE	ISSUED FOR	DATE

ACCOUNT NO. 9557240
CENTRAL PLANT
CENT PLANT 1ST FLR PO&M Emissions UREA Project
ELECTRICAL CONNECTION
4840 2nd AVENUE, SACRAMENTO, CA 95817
LEVELS 1 & 2 - OVERALL FLOOR / SITE PLANS

ARCH / ENGR.	PROJECT TITLE	SCALE	SHEET NO.
GO	9557240	AS SHOWN	G032
UCDMC PROJECT MANAGER	DATE	CAD FILE	SHEET OF
CL	April 12, 2023		
DESIGNED BY			
RM			
DRAWN BY			
RM			

 EQUIPMENT TO BE DEMOLISHED

NEMA TYPE 1 INDOOR, ENCLOSURE, GASKETED
 DOOR, SINGLE FACE FRONT ONLY
 NOT ACCESSIBLE FROM REAR
 INCOMING FEEDER ENTERS TOP
 480V, 3- ϕ , 3-WIRE
 GROUND BUS CABLE SIZE: 4/0AWG BC CONNECTORS
 AT BOTH ENDS
 MAIN BUS: 1200AMPS
 BUS BRACING: 65KA (SYM)
 WIRING: NEMA CLASS 2, TYPE B
 MFRG: GENERAL ELECTRIC 8000 SERIES



DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION :

HGA PROJ. NO: 1500-154-00
HCAI PROJ. NO: S230637-34-00

HGA

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

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SACRAMENTO, CALIFORNIA 95817
(916) 734-7024

**MECHANICAL/ELECTRICAL/
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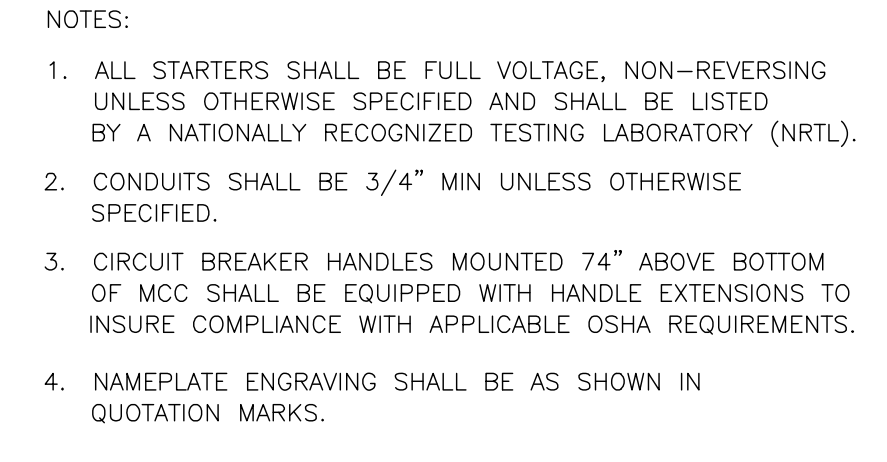
Integrated Engineers &
Contractors Corporation

8795 Folsom Blvd, Suite 208 Sacramento, CA 9582
 Phone (916) 383-6000 Fax (916) 383-6010

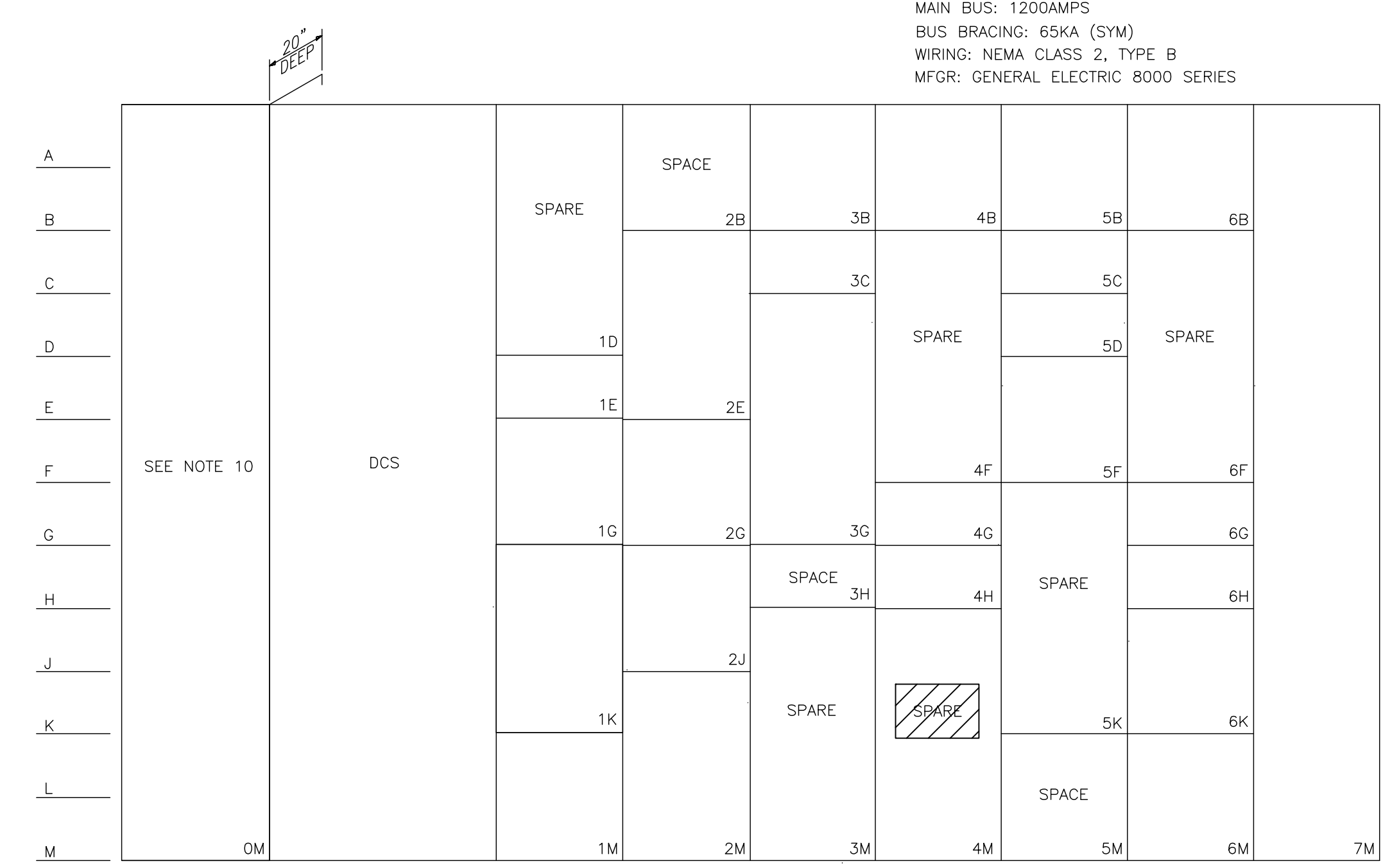


CONSULTANT LOGO

THIS ISSUE	ISSUED FOR :	DATE
REV	REVISION DESCRIPTION	DATE
1	HCAI BC #1	7/7/2023



EQUIPMENT TO BE
DEMOLISHED



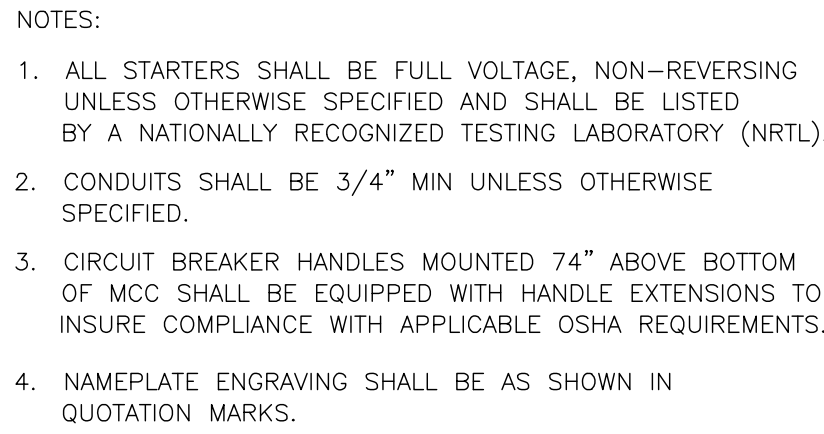
NEMA TYPE 1 INDOOR, ENCLOSURE, GASKETED
DOOR, SINGLE FACE FRONT ONLY
NOT ACCESSIBLE FROM REAR
INCOMING FEEDER ENTERS TOP
480V, 3-Ø, 3-WIRE
GROUND BUS CABLE SIZE: 4/0AWG BC CONNECTORS
AT BOTH ENDS
MAIN BUS: 1200AMPS
BUS BRACING: 6SKA (SYM)
WIRING: NEMA CLASS 2, TYPE B
MFRG: GENERAL ELECTRIC 8000 SERIES

FRONT ELEVATION
NOT TO SCALE

**CENT PLANT 1ST FLR PO&M Emissions UREA Project
ELECTRICAL CONNECTION**
4840 2nd AVENUE, SACRAMENTO, CA 95817

73MCC0236 Single Line 1 and Front Elevation

Demo

EQUIPMENT TO BE
DEMOLISHED

The image shows the official seal of the State of Tennessee on the left, featuring a plow, a sheaf of wheat, and a cotton plant, surrounded by the words "THE GREAT SEAL OF THE STATE OF TENNESSEE" and the date "1796". To the right of the seal is a rectangular stamp with the text: "REVIEWED IN ACCORDANCE WITH THE REQUIREMENTS OF T24, CCR", "APPROVED" in large red letters, "Department of Health Care Access & Information", "Office of Statewide Hospital Planning & Development", "7/12/2003, 2:57:18 PM", "S230637-34-00", and "Donald Harris".

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION:

HGA PROJ. NO: 1500-154-00
HCAI PROJ. NO: S230637-34-00

HGA

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

DESIGN PROFESSIONALS OF RECORD

UC DAVIS
HEALTH

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

**MECHANICAL/ELECTRICAL/
PLUMBING ENGINEER**



Integrated Engineers &
Contractors Corporation

8795 Folsom Blvd, Suite 205 Sacramento, CA 9582
Phon (916) 383-6000 Fax (916) 383-6010



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1	HCAI BC #1	7/7/2023

9557240

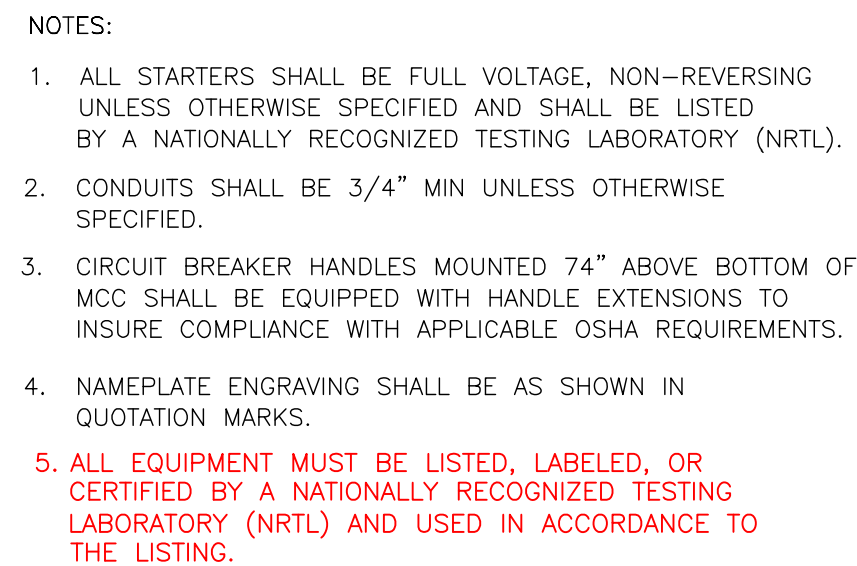
CENTRAL PLANT

CENT PLANT 1ST FLR PO&M Emissions UREA Project ELECTRICAL CONNECTION

4840 2nd AVENUE., SACRAMENTO, CA 95817

**73MCC0236 Single Line 2
Demo**

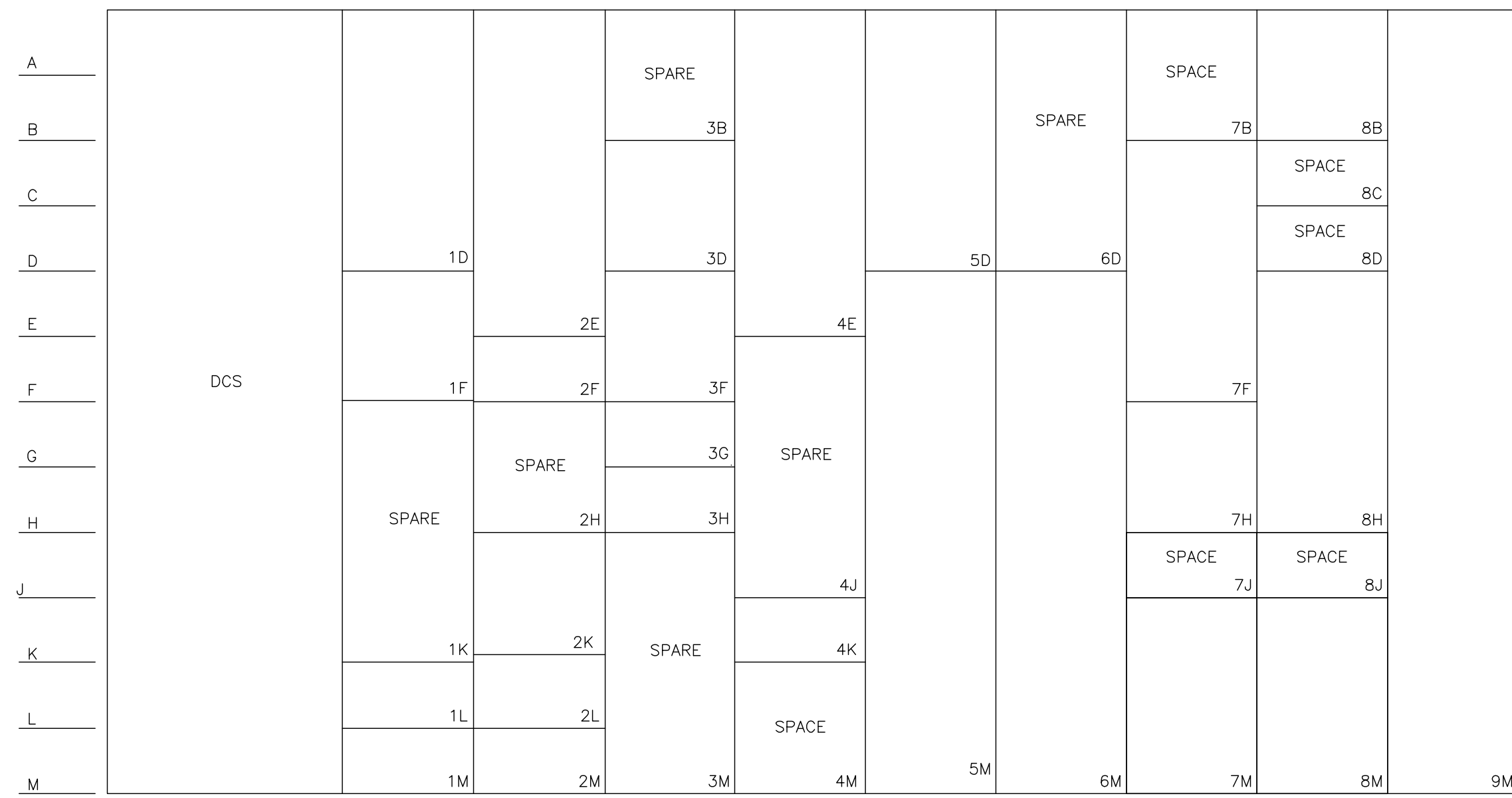
ARCH. 1 ENGR. GO	FDAC JOB NO. 9557240	SHEET NO.	
UDCMG PROJECT MANAGER CL	SCALE AS SHOWN	E089D	
DESIGNED BY RM	DATE March 20, 2023		
DRAWN BY RM	CAD FILE	SHEET	OF



LEGEND:

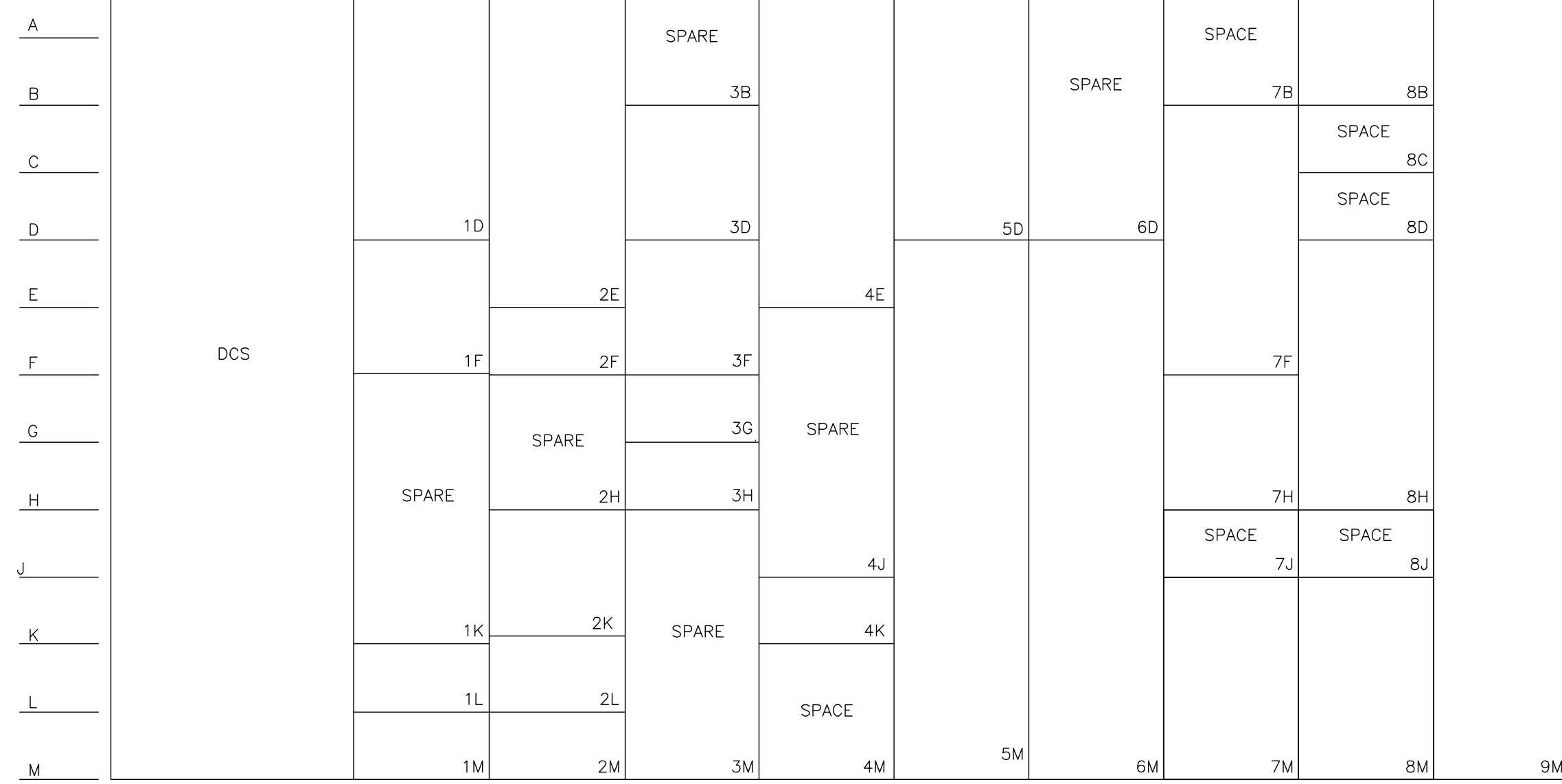
————— DESIGNATED AREA OUTSIDE OF HCAJ JURISDICTION

----- DESIGNATED AREA INSIDE OF HCAJ JURISDICTION



FRONT ELEVATION
NOT TO SCALE

NEMA TYPE 1 INDOOR, ENCLOSURE, GASKETED
 DOOR, SINGLE FACE FRONT ONLY
 NOT ACCESSIBLE FROM REAR
 INCOMING FEEDER ENTERS TOP
 480V, 3- ϕ , 3-WIRE
 GROUND BUS CABLE SIZE: 4/0AWG BC CONNECTORS
 AT BOTH ENDS
 MAIN BUS: 1200AMPS
 BUS BRACING: 65KA (SYM)
 WIRING: NEMA CLASS 2, TYPE B
 MFR: GENERAL ELECTRIC 8000 SERIES



FRONT ELEVATION
NOT TO SCALE

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION:
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HCAI PROJ. NO: S230637-34-00

HGA


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1	HCAI BC #1	7/7/2

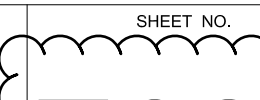
9557240

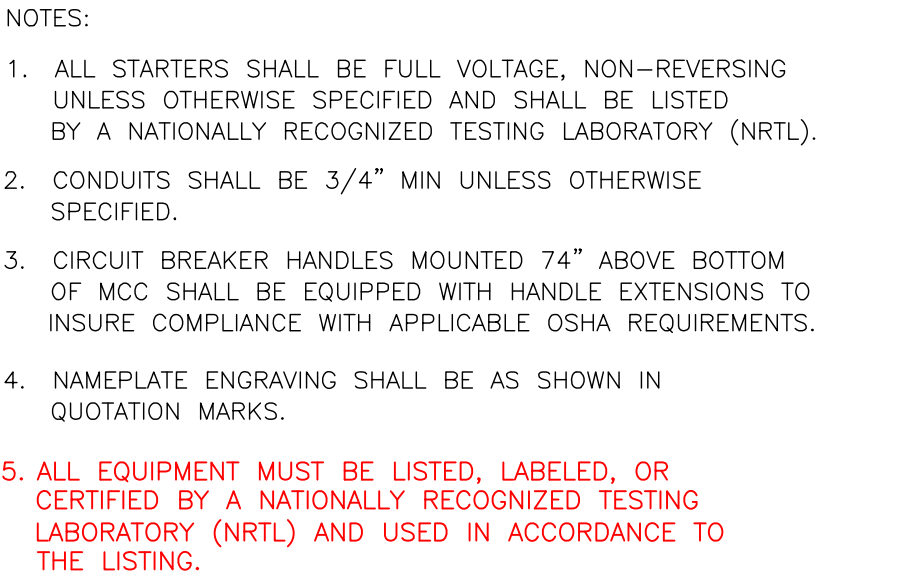
CENTRAL PLANT

CENT PLANT 1ST FLR PO&M Emissions UREA Project
ELECTRICAL CONNECTION

4840 2nd AVENUE., SACRAMENTO, CA 95817

73MCC0235 Single Line 1 and Front Elevation

ACCOUNT NUMBER	HEAT NO:	BUILDING	FLOOR / WING	PROJECT TITLE	SHEET TITLE	
ARCH. / ENGR.		FDMC JOB NO.			SHEET NO.	
GO		9557240				
UCDMC PROJECT MANAGER		SCALE				
CL		AS SHOWN				
DESIGNED BY		DATE				
RM		March 20, 2023				
DRAWN BY		CAD FILE			SHEET	OF
RM						



LEGEND:

————— DESIGNATED AREA OUTSIDE OF HCAI JURISDICTION

————— DESIGNATED AREA INSIDE OF HCAI JURISDICTION

CENTRAL PLANT

CENT PLANT 1ST FLR PO&M Emissions UREA Project
ELECTRICAL CONNECTION
 4840 2nd AVENUE., SACRAMENTO, CA 95817
73MCC0236 Single Line 2

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION :

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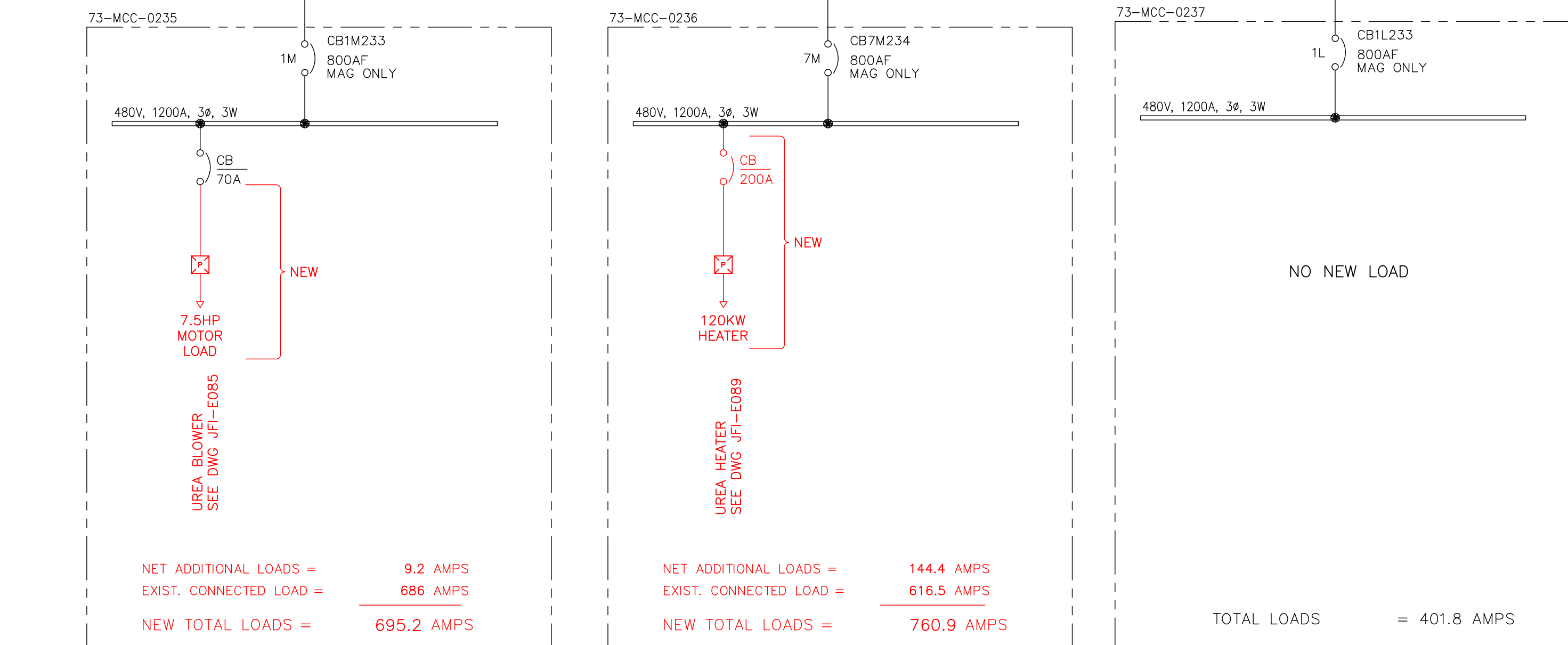
Integrated Engineers &
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8795 Folsom Blvd, Suite 208 Sacramento, CA 95820
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CONSULTANT LOGO

THIS ISSUE	ISSUED FOR :	DATE
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1	HCAI BC #1	7/7/2



NEW LOAD TABULATIONS			
"73-MCC-0235"			
UNIT SERVED	LOAD		
	HP	FLA	
—	—	—	—
—	—	—	—
"73-P-3031A"	30	40.0	—
—	—	—	—
"73-F-7121A"	5	7.6	—
"73-F-7121C"	5	7.6	—
"73-HTR-3001"	5	7.6	5.4
"73-PNL-3001"	—	—	24.0
—	—	—	—
—	—	—	—
"73-F-7041A"	40	52.0	—
"73-F-7041B"	20	27.0	—
"73-F-7051A"	30	40.0	—
"73-F-7051B"	20	27.0	—
"73-PNL-5001B"	—	—	21.4
"73-PNL-5002B"	—	—	21.4
"73-F-7112B"	.75	1.6	—
"73-P-4008B"	5	7.6	—
"73-P-3018"	20	27.0	21.4
"73-P-3031B"	30	40.0	—
"73-PNL-5004B"	—	—	21.4
"73-MEE-3011C"	—	—	16.0
"73-MEE-3012"	—	—	48.0
"73-MEE-0420"	—	—	48.0
"73-P-9020"	5	7.6	—
"73-P-1015B"	100	124.0	—
"73-P-1081"	60	77.0	—
"URECA PANEL 2 BLOWER"	7.5	9.2	—
TOTAL FULL LOAD AMPS			695.2

"73-MCC-0236"			
UNIT SERVED	LOAD		
	HP	FLA	
*73-P-1012B	100	124.0	
*73-P-8161A	7.5	9.0	
—	—	—	
—	—	—	
73-MME-8154A	15	21.0	
73-MME-8154B	15	21.0	
73-MEE-9051	5	1.1	
73-F-7111A	5	1.1	
73-F-7111B	2	3.4	
73-F-7121B	5	7.6	
73-F-7121C	5	1.1	
73-F-7121E	5	1.1	
73-F-7112A	1.5	3.0	
73-F-7121A	.5	1.1	
73-F-7121C	5	1.1	
73-P-9100	20	27.0	
73-MEE-0370	—	48.0	
73-F-7121C	.5	1.1	
73-MEE-0371	—	48.0	
73-PN-0401	5	54.0	
73-MEE-9050	5	1.1	
73-MEE-9052	.5	1.1	
73-P-1083	6.0	77.0	
73-F-1083	1	156.0	
73-MEE-9053	1	0.5	
UREA PANEL 2 HEATER*			144.0
TOTAL FULL LOAD AMPS			760.0

EXISTING LOAD TABULATIONS		
"73-MCC-0237"		
UNIT SERVED	LOAD	
	HP	FLA
—	—	—
—	—	—
—	—	—
—	—	—
"73-PNL-1011"	—	16.0
"73-PNL-5005B"	—	24.0
"73-P-8150"	3	4.8
"73-P-1011B"	100	124.0
"73-P-1084"	60	77.0
"73-F-1084"	125	156.0
TOTAL FULL LOAD AMPS		401.8

NOTES:

1. 3 DAY PANEL READ PERFORMED FROM 04/25/2023 TO 04/28/2023
RESULTS SHOW ACTUAL LOADS SIGNIFICANTLY LOWER THAN ESTIMATED
LOAD TABULATIONS.

3 PHASE CURRENT RESULTS FOR MCC 235:
MAX. = 117.74 AMPS, MIN. = 71.80 AMPS.

3 PHASE CURRENT RESULTS FOR MCC 236:
MAX. = 60.30 AMPS, MIN. = 5.08 AMPS.

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

HGA PROJ. NO: 1500-154-00
HCAI PROJ. NO: S230637-34-00

HGA

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DESIGN PROFESSIONALS OF RECORD

UC DAVIS
HEALTH

FACILITIES DESIGN & CONSTRUCTION
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MECHANICAL/ELECTRICAL/
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CONSULTANT LOGO

THIS ISSUE	ISSUED FOR :	DATE
REV	REVISION DESCRIPTION	DATE
1	HCAI BC #1	7/7/2023

9557240


CENTRAL PLANT

CENT PLANT 1ST FLR PO&M Emissions UREA Project
ELECTRICAL CONNECTION

4840 2nd AVENUE., SACRAMENTO, CA 95817

Equipment Loading Single Line 4

9557240

ACCOUNT NO.	ACCA NO.	BUILDING	FLOOR / WING	PROJECT TITLE	SHEET TITLE
ARCH. / ENGR.	FD&C JOB NO.	SHEET			
GO	9557240				
UCOMC PROJECT MANAGER	SCALE				
CL	AS SHOWN				
DESIGNED BY	DATE				
RM	March 20, 2023				
DRAWN BY	CAD FILE	SHEET			
RM					

SHEET NO.

E098

PROJECT/SITE CONDITIONS				LIGHTING FIXTURE SHAPES AND SCALE ARE REPRESENTED WHERE POSSIBLE. THE EXAMPLES SHOWN BELOW ARE TYPICAL APPLICATIONS.		RECEPTACLES:		GENERAL NOTES:																																																																																																																																																																			
<div>INDICATES THAT ALL ELECTRICAL EQUIPMENT AND MATERIALS INSTALLED WITHIN THE ROOM OR AREA IN WHICH THIS NOTATION APPEARS SHALL BE OF NEMA 4X CORROSION RESISTANT CONSTRUCTION SUITABLE FOR USE IN A WET LOCATION, UNLESS NOTED OTHERWISE</div> <div>CORROSIVE</div>		<div>DUCTBANK</div> <div>MH-8</div> <div>MANHOLE (MH) OR HANDHOLE (HH),</div> <div>(N)</div> <div>NORMAL POWER</div> <div>(E)</div> <div>EMERGENCY POWER</div> <div>(C)</div> <div>COMMUNICATIONS</div> <div>JB2700A</div> <div>JUNCTION BOX. OPTIONAL IDENTIFIER.</div> <div>TB1035</div> <div>TERMINAL BOX. OPTIONAL IDENTIFIER.</div> <div>3#10, 1#10 G, 1" C</div> <div>RACEWAY SIZE WITH CONDUCTOR CONTENTS AND SIZES.</div> <div>E.Q. SUPPORT</div> <div>CONDUIT SUPPORT – SEE STRUCTURAL DWG. S330.</div>		<div>FLUORESCENT FIXTURE</div> <div>INCANDESCENT OR HID FIXTURE</div> <div>WALL MOUNTED FIXTURE</div> <div>DIRECTIONAL LIGHT</div> <div>POLE MOUNTED AREA LIGHT</div> <div>EMERGENCY LIGHTING UNIT. SELF CONTAINED.</div> <div>EXIT SIGN. DARK QUADRANTS INDICATE FACES ILLUMINATED. DIRECTIONAL ARROWS INDICATED.</div> <div>CIRCUIT IDENTIFIER: WHEN SHOWN ADJACENT TO FIXTURE IDENTIFIES CIRCUIT NUMBER AND SWITCH. EXAMPLE: CIRCUIT 3, CONTROLLED BY SWITCH A.</div> <div>3A</div>		<div>DUPLEX RECEPTACLE, 20 AMP, 3 WIRE</div> <div>RECEPTACLE MODIFIERS:</div> <div>WP = WEATHER PROOF</div> <div>GF = GROUND FAULT CIRCUIT INTERRUPTER</div> <div>H = HAZARDOUS AREA-EXPLOSION PROOF</div> <div>SPECIAL RECEPTACLE. RATING OR NEMA CONFIGURATION AS SHOWN. EXAMPLE: NEMA 10-50R, 125/250V, 3 POLE, 3 WIRE, 50 AMP, NON- GROUNDING TYPE.</div> <div>10-50R</div> <div>RECESSED FLOOR RECEPTACLE-- ANY RECEPTACLE INSIDE A SQUARE.</div> <div>SURFACE FLOOR RECEPTACLE-- ANY RECEPTACLE INSIDE A TRIANGLE.</div> <div>GANGED RECEPTACLES--IN COMMON BOX, WITH COMMON WALL PLATE.</div> <div>480V, 3 PHASE, 60AMP RECEPTACLE</div>		<div>THIS DRAWING IS GENERAL IN NATURE. SOME SYMBOLS SHOWN HEREON MAY NOT BE USED ON THE CONTRACT DRAWINGS.</div> <div>SEE DRAWING E002.1 FOR ADDITIONAL SYMBOLS.</div> <div>IDENTIFICATIONS (ID), SIZES, RATINGS, LOCATIONS AND SIMILAR INFORMATION SHOWN ASSOCIATED WITH SYMBOLS ARE OPTIONAL; EXAMPLES OF SUCH INFORMATION ARE SHOWN WITH SOME SYMBOLS FOR CLARITY.</div> <div>THE ELECTRICAL DRAWINGS USE THE ONE LINE AND RISER DIAGRAMS AND PANEL SCHEDULES IN CONJUNCTION WITH SHOWING THE LOCATION OF THE ELECTRICAL/INSTRUMENTATION SOURCES AND LOADS/DEVICES SHOWN ON THE PLAN DRAWINGS TO DEPICT THE WORK. THE CONTRACTOR SHALL USE THESE DOCUMENTS TO DETERMINE AND PROVIDE THE NECESSARY RACEWAY AND WIRING SYSTEM FOR EACH CIRCUIT. ALL INDOOR RACEWAY SHALL BE RUN EXPOSED, AND ROUTED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED. THE TYPE OF RACEWAY AND WIRE USED SHALL BE AS SPECIFIED.</div> <div>IF EQUIPMENT SUPPLIED BY MANUFACTURER HAS A LARGER LOAD THAN INDICATED ON THE ONE LINE DIAGRAM, THE UNIVERSITY'S REPRESENTATIVE SHALL BE NOTIFIED. THE CABLE, CONDUIT AND ELECTRICAL EQUIPMENT SHALL BE SIZED AS REQUIRED, TO ACCOMMODATE THE HIGHER VALUE.</div> <div>IN AREAS WHERE THERE ARE OVERHEAD BRIDGE CRANES, HOISTS, ETC., OR WHERE EQUIPMENT IS LIFTED AND MOVED FOR MAINTENANCE OR REPLACEMENT, NO CONDUITS SHALL BE RUN OVERHEAD THAT WILL INTERFERE WITH THE OPERATION OF THE EQUIPMENT.</div> <div>THE LOCATION OF THE CONTROL STATIONS SHOWN ON THE PLAN DRAWINGS ARE DIAGRAMMATIC AND THE ACTUAL LOCATION SHALL BE COORDINATED IN THE FIELD WITH THE UNIVERSITY'S REPRESENTATIVE.</div> <div>THE EXACT LOCATION OF THE MOTORS AND ACCESSORIES ARE NOT SHOWN. THE CONTRACTOR SHALL COORDINATE WITH ACTUAL EQUIPMENT FURNISHED FOR CONDUIT STUBUP AND TERMINATION LOCATIONS.</div> <div>ALL EQUIPMENT SHALL BE LABELED WITH NAMEPLATES. DESCRIPTION OF EQUIPMENT SHALL BE IN ACCORDANCE WITH THE ONE LINE DIAGRAM DESCRIPTION CONTAINED IN QUOTATION MARKS.</div> <div>CONDUIT SIZES SHOWN ON THE ONE LINE DIAGRAMS ARE FOR ABOVE GROUND AND/OR INSIDE OF STRUCTURE. CONDUITS THAT ENTER DUCTBANKS OR ARE EMBEDDED MAY BE LARGER.</div> <div>LOCATIONS OF EXISTING FACILITIES ARE TAKEN FROM OWNER FURNISHED DRAWINGS AND PLANS. CONTRACTOR SHALL VERIFY ALL LOCATIONS AND ACTUAL CONDITIONS IN THE FIELD.</div> <div>GROUND CONDUCTOR IN CONDUITS AND DUCTBANK GROUND SHALL ALL BE CONNECTED TO SWITCH/CIRCUIT BREAKER ENCLOSURE GROUND BUSESSES AND TRANSFORMER GROUNDING PLATES.</div> <div>CONTRACTOR SHALL CONNECT NEW GROUND CONDUCTORS TO EXISTING GROUND GRIDS AT ALL ELECTRICAL CONNECTIONS.</div> <div>UNLESS DETAILED ON DRAWINGS, CABLE TRAY AND CONDUIT SUPPORT SYSTEMS SHALL BE DESIGNED BY THE CONTRACTOR TO MEET THE MINIMUM LOAD AND SPAN REQUIREMENT PER 2001 CBC SECTION 1632A AND AS SPECIFIED BY OSHPD. CABLE TRAYS AND CONDUITS SHALL BE SUPPORTED AND SEISMICALLY BRACED IN ACCORDANCE WITH OSHPD APPROVED DETAILS. SEE SMACNA "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL SYSTEMS" No. R-0010, WITH SEISMIC HAZARD LEVEL A OR OTHER OSHPD PREAPPROVED SUPPORT AND BRACING SYSTEMS SUCH AS UNISTRUT, SUPERSTRUT OR EQUAL. SEE STRUCTURAL DWG JFI-S330 FOR MORE INFORMATION.</div> <div>PRIOR TO INSTALLATION OF ANY NEW CABLES IN EXISTING CABLE TRAYS, THE CONTRACTOR SHALL IDENTIFY ALL EXISTING CABLES TO BE DEMOLISHED AND REARRANGE THESE CABLES IN THE EXISTING TRAYS TO ACCOMMODATE INSTALLA- TION OF NEW CABLES. EXISTING CABLES THAT ARE TO BE DEMOLISHED SHALL BE REMOVED AFTER COMMISSIONING AND ACCEPTANCE OF NEW EQUIPMENT.</div>																																																																																																																																																																			
CIRCUITS AND RACEWAYS		GROUNDING		DISTRIBUTION EQUIPMENT		MOTORS AND EQUIPMENT																																																																																																																																																																					
<div>P1357A RACEWAY IDENTIFIER</div> <div>RACEWAY EXPOSED</div> <div>RACEWAY CONCEALED</div> <div>RACEWAY TURNED TOWARD THE VIEWER.</div> <div>RACEWAY TURNED DOWN</div> <div>CONDUIT PLUGGED FLUSH</div> <div>CONDUIT CAPPED</div> <div>RACEWAY CHANGE IN ELEVATION</div> <div>B.O.C. BOTTOM OF CONDUIT</div> <div>B.O.T. BOTTOM OF CABLE TRAY</div>		<div>GROUND ROD</div> <div>GROUND ROD WITH GROUND WELL</div> <div>GROUND CONNECTION, BOLTED TYPE</div> <div>GROUND CONNECTION, COMPRESSION TYPE</div> <div>GROUNDING CONDUCTOR</div>		<div>APPROXIMATE SHAPE AND SCALE REPRESENTED WHERE POSSIBLE. HOWEVER, EXACT SIZE AND NUMBER OF SECTIONS IS ESTIMATED.</div> <div>FLOOR-STANDING DISTRIBUTION ASSEMBLY, SUCH AS A SWITCHBOARD, TRANSFORMER, OR MOTOR CONTROL CENTER</div> <div>MCC1234 EQUIPMENT DESIGNATION (EXAMPLE)</div> <div>WALL-MOUNTED DISTRIBUTION ASSEMBLY, SUCH AS PANELBOARD, MOTOR STARTER PANEL, OR TERMINAL CABINET</div> <div>PBD1234 EQUIPMENT DESIGNATION (EXAMPLE)</div>		<div>MOTOR STARTER, INDIVIDUAL. NOT LOCATED IN AN MCC OR SIMILAR GROUP ASSEMBLY</div> <div>COMBINATION MOTOR STARTER. NOT LOCATED IN AN MCC OR SIMILAR GROUP ASSEMBLY</div> <div>DISCONNECT SWITCH, NON-FUSED</div> <div>DISCONNECT SWITCH, FUSED</div> <div>M=MOTOR</div> <div>SV=SOLENOID VALVE</div> <div>CV=CONTROL VALVE</div> <div>A=ADJUSTABLE SPEED DRIVE</div> <div>FIELD INSTRUMENT</div> <div>CONTROL STATION. SEE CONTROL DIAGRAMS FOR DEVICES REQUIRED</div> <div>VENDOR SUPPLIED PACKAGED EQUIPMENT – SINGLE POINT ELECTRICAL CONNECTION</div>																																																																																																																																																																					
LIGHTING		WIRING DEVICES		TELEPHONE & COMMUNICATION SYSTEMS		ABBREVIATIONS																																																																																																																																																																					
<div>FIXTURE IDENTIFIER:</div> <div>NUMBER OF FIXTURES (SHOWN ONLY WHEN REQUIRED FOR CLARITY)</div> <div>FIXTURE TYPE. REFER TO LIGHT FIXTURE SCHEDULE (SEE DWG. JFI-E203A). TYPE APPLIES TO ALL FIXTURES OF THE SAME SHAPE WITHIN A ROOM OR AREA.</div> <div>MOUNTING:<div>L = POLE R = RECESSED</div><div>G = GROUND S = SURFACE</div><div>P = PENDANT W = WALL</div></div> <div>MOUNTING HEIGHT, FLOOR TO BOTTOM OF FIXTURE UON. AHAP= AS HIGH AS POSSIBLE.</div> <div>NUMBER OF LAMPS/LAMP WATTAGE</div>		<div>SWITCHES:</div> <div>UNLESS OTHERWISE NOTED, ALL SWITCHES ARE WALL MOUNTED.</div> <div>TOGGLE SWITCH, SINGLE POLE, 20 AMP</div> <div>GANGED SWITCHES IN COMMON BOX WITH COMMON WALL PLATE</div> <div>SUPERSCRIPT INDICATES CIRCUIT CONTROLLED: a, b, c, ETC. MAY BE COMBINED WITH CIRCUIT NUMBER. EXAMPLE: 1a, 4b, ETC.</div> <div>SUBSCRIPT MODIFIER INDICATES:<div>2 = DOUBLE POLE</div><div>3 = THREE WAY</div><div>4 = FOUR WAY</div><div>K = KEY OPERATED</div><div>MC = MOMENTARY CONTACT, THREE POSITION</div><div>MS = MANUAL (MOTOR) STARTER OR SWITCH</div><div>R = RHEOSTAT (DIMMER, SPEED CONTROL)</div></div>		<div>UNLESS OTHERWISE NOTED, TELEPHONE OUTLETS SHALL BE MOUNTED AT SAME HEIGHT AS THE RECEPTACLES. VERIFY.</div> <div>EXTERNAL LINE OR PLANT PHONE SYSTEM OUTLET</div> <div>MODIFIERS:<div>A = ATTENDANT'S CONSOLE</div><div>F = FUTURE INSTRUMENT</div><div>J = JACK, PLUG-IN TYPE</div><div>W = WALL INSTRUMENT</div></div> <div>SPEAKER (OUTDOOR)</div> <div>SPEAKER (INDOOR)</div>		<div>UCD MC – UC DAVIS MEDICAL CENTER</div> <div>M.I.N.D. – MEDICAL INVESTIGATIONS OF NEURODEVELOPMENTAL DISORDERS</div>																																																																																																																																																																					
						INSTRUMENT TAG NUMBERS		FUNCTIONAL IDENTIFICATION (FOR USE WITH INSTRUMENT TAG NUMBERS)																																																																																																																																																																			
						<div>73 P D IT 1015 A</div> <div>SUFFIX – USED ONLY WHEN TWO OR MORE INSTRUMENTS WOULD OTHERWISE HAVE THE SAME TAG NUMBER</div> <div>LOOP NUMBER-ASSOCIATED WITH EQUIPMENT NUMBER</div> <div>SUCCESSING LETTERS; READOUT OR PASSIVE FUNCTION AND/OR OUTPUT FUNCTION WITH MODIFIER WHEN REQUIRED</div> <div>MODIFIER LETTER, WHEN REQUIRED</div> <div>MEASURED OR INITIATING VARIABLE LETTER</div> <div>BUILDING "CENTRAL PLANT"</div> <div>EXAMPLE: PDIT1015A</div>		<table><thead><tr><th></th><th>MEASURED OR INITIATING VARIABLE</th><th>MODIFIER</th><th>READOUT OR PASSIVE FUNCTION</th><th>OUTPUT FUNCTION</th><th>MODIFIER</th></tr></thead><tbody><tr><td>A</td><td>ANALYSIS</td><td></td><td>ALARM</td><td></td><td></td></tr><tr><td>B</td><td>BURNER, COMBUSTION</td><td></td><td></td><td></td><td></td></tr><tr><td>C</td><td>CONDUCTIVITY</td><td></td><td></td><td>CONTROL</td><td>CLOSE</td></tr><tr><td>D</td><td>DENSITY, SPECIFIC GRAVITY</td><td>DIFFERENTIAL</td><td></td><td></td><td></td></tr><tr><td>E</td><td>VOLTAGE</td><td></td><td>PRIMARY ELEMENT</td><td></td><td></td></tr><tr><td>F</td><td>FLOW RATE</td><td></td><td></td><td></td><td></td></tr><tr><td>G</td><td>FIRE, SMOKE</td><td></td><td>GLASS</td><td></td><td></td></tr><tr><td>H</td><td>HAND</td><td></td><td></td><td></td><td>HIGH</td></tr><tr><td>I</td><td>CURRENT (ELEC)</td><td></td><td>INDICATE</td><td></td><td></td></tr><tr><td>J</td><td>POWER</td><td>SCAN</td><td></td><td></td><td></td></tr><tr><td>K</td><td>TIME, TIME SCHEDULE</td><td>TIME RATE OF CHANGE</td><td></td><td>CONTROL STATION</td><td></td></tr><tr><td>L</td><td>LEVEL</td><td></td><td>LIGHT</td><td></td><td>LOW</td></tr><tr><td>M</td><td>MOISTURE, HUMIDITY</td><td>MOMENTARY</td><td></td><td></td><td>MIDDLE</td></tr><tr><td>N</td><td>EQUIPMENT STATUS</td><td></td><td></td><td></td><td></td></tr><tr><td>O</td><td>DISSOLVED OXYGEN</td><td></td><td>ORIFICE</td><td></td><td>OPEN</td></tr><tr><td>P</td><td>PRESSURE, VACUUM</td><td></td><td>POINT (TEST) CONNECTION</td><td></td><td></td></tr><tr><td>Q</td><td>QUANTITY</td><td>INTEGRATE, TOTALIZE</td><td></td><td></td><td></td></tr><tr><td>R</td><td>RADIATION</td><td></td><td>RECORD</td><td></td><td></td></tr><tr><td>S</td><td>SPEED, FREQUENCY</td><td>SAFETY</td><td></td><td>SWITCH</td><td></td></tr><tr><td>T</td><td>TEMPERATURE</td><td></td><td></td><td>TRANSMIT</td><td></td></tr><tr><td>U</td><td>MULTIVARIABLE</td><td></td><td>MULTIFUNCTION</td><td>MULTIFUNCTION</td><td>MULTIFUNCTION</td></tr><tr><td>V</td><td>VIBRATION, MECHANICAL ANALYSIS</td><td></td><td></td><td>VALVE, DAMPER, LOUVER</td><td></td></tr><tr><td>W</td><td>WEIGHT, FORCE, TORQUE</td><td></td><td>WELL</td><td></td><td></td></tr><tr><td>X</td><td>UNCLASSIFIED</td><td>X AXIS</td><td></td><td></td><td></td></tr><tr><td>Y</td><td>EVENT, STATE, OR PRESENCE</td><td>Y AXIS</td><td></td><td>RELAY, COMPUTE, CONVERT</td><td></td></tr><tr><td>Z</td><td>POSITION, DIMENSION</td><td>Z AXIS</td><td></td><td>DRIVER, ACTUATOR, FINAL CONTROL ELEMENT</td><td></td></tr></tbody></table>			MEASURED OR INITIATING VARIABLE	MODIFIER	READOUT OR PASSIVE FUNCTION	OUTPUT FUNCTION	MODIFIER	A	ANALYSIS		ALARM			B	BURNER, COMBUSTION					C	CONDUCTIVITY			CONTROL	CLOSE	D	DENSITY, SPECIFIC GRAVITY	DIFFERENTIAL				E	VOLTAGE		PRIMARY ELEMENT			F	FLOW RATE					G	FIRE, SMOKE		GLASS			H	HAND				HIGH	I	CURRENT (ELEC)		INDICATE			J	POWER	SCAN				K	TIME, TIME SCHEDULE	TIME RATE OF CHANGE		CONTROL STATION		L	LEVEL		LIGHT		LOW	M	MOISTURE, HUMIDITY	MOMENTARY			MIDDLE	N	EQUIPMENT STATUS					O	DISSOLVED OXYGEN		ORIFICE		OPEN	P	PRESSURE, VACUUM		POINT (TEST) CONNECTION			Q	QUANTITY	INTEGRATE, TOTALIZE				R	RADIATION		RECORD			S	SPEED, FREQUENCY	SAFETY		SWITCH		T	TEMPERATURE			TRANSMIT		U	MULTIVARIABLE		MULTIFUNCTION	MULTIFUNCTION	MULTIFUNCTION	V	VIBRATION, MECHANICAL ANALYSIS			VALVE, DAMPER, LOUVER		W	WEIGHT, FORCE, TORQUE		WELL			X	UNCLASSIFIED	X AXIS				Y	EVENT, STATE, OR PRESENCE	Y AXIS		RELAY, COMPUTE, CONVERT		Z	POSITION, DIMENSION	Z AXIS		DRIVER, ACTUATOR, FINAL CONTROL ELEMENT	
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REVIEWED IN ACCORDANCE WITH THE REQUIREMENTS OF T24, CCR

APPROVED

Department of Health Care Access & Information

Office of Statewide Hospital Planning & Development

7/12/2023, 2:57:18 PM

S230637-34-00

Donald Harris

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

HGA PROJ. NO: 1500-154-00

HCAI PROJ. NO: S230637-34-00

HGA

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8795 Folsom Blvd, Suite 205 Sacramento, CA 95826
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CONSULTANT LOGO:

THIS ISSUE

ISSUED FOR:

DATE

REV

REVISION DESCRIPTION

DATE

1

HCAI BC #1

7/7/2023

ACCOUNT NO: 9557240

HCAI NO:

ARCH/ENGR: GO

UCDMC PROJECT MANAGER: CL

DESIGNED BY: RM

DRAWN BY: RM

BUILDING: CENTRAL PLANT

FLOOR/WIRE: CENTRAL PLANT 1ST FLR PO&M Emissions UREA Project

PROJECT TITLE: CENT PLANT 1ST FLR PO&M Emissions UREA Project ELECTRICAL CONNECTION

DATE: March 20, 2023

SHEET TITLE: Symbols 1

SCALE: AS SHOWN

DATE: March 20, 2023

CAD FILE

SHEET

OF

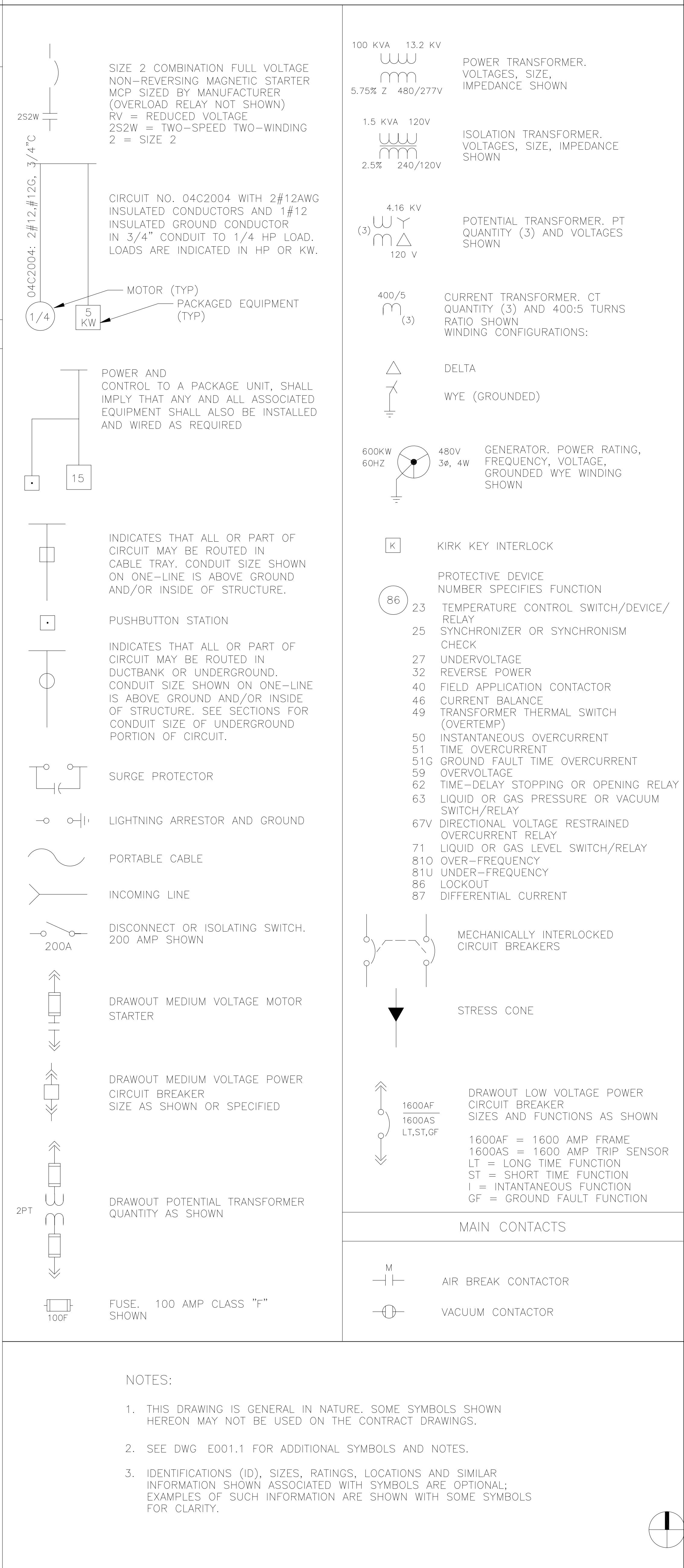
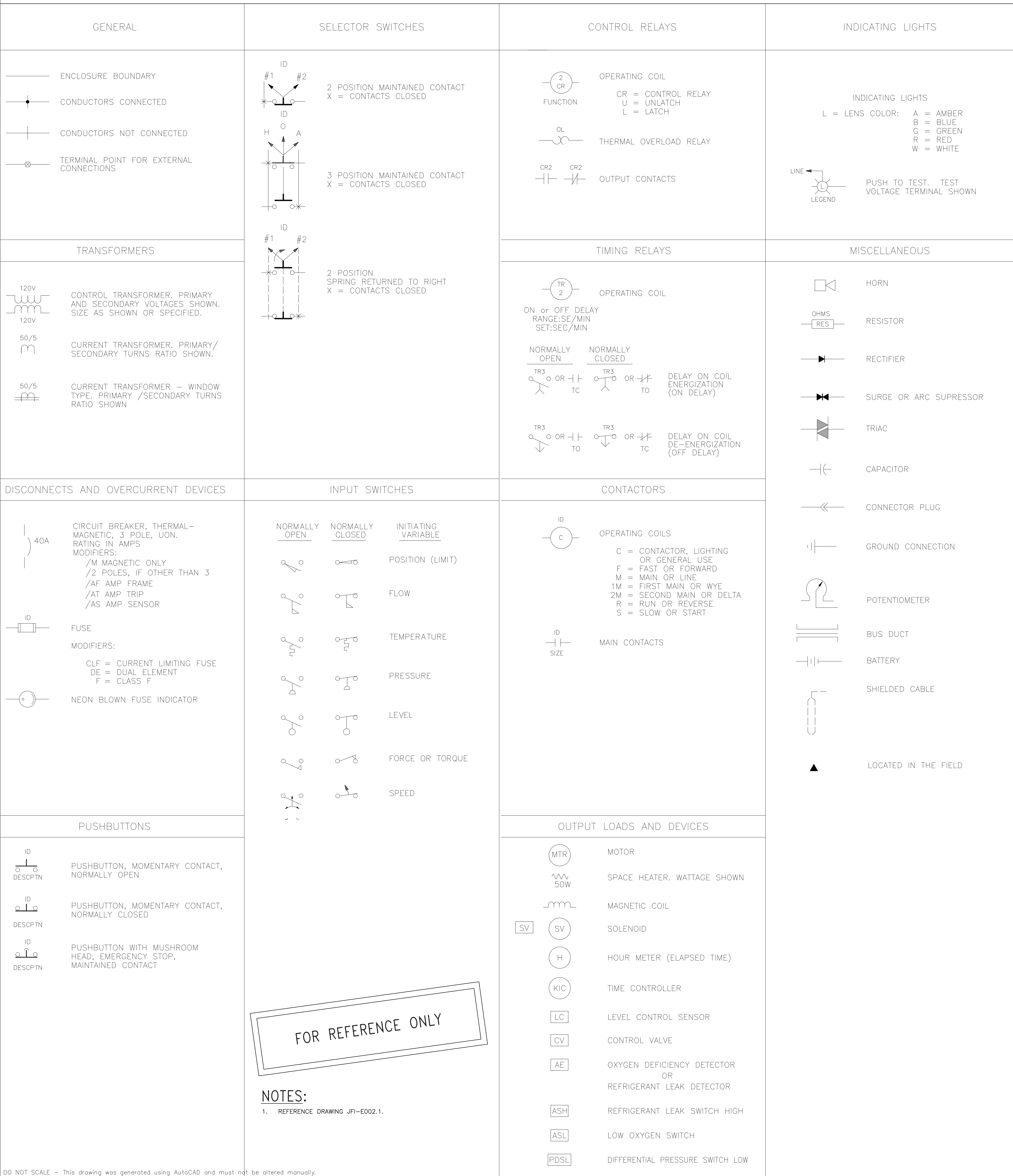
E001.1

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CONTROL DIAGRAM SYMBOLS

ONE LINE DIAGRAM SYMBOLS



REVIEWED IN ACCORDANCE WITH THE REQUIREMENTS OF T24, CCR <h2 style="color: red; margin: 0;">APPROVED</h2> <p>Department of Health Care Access & Information Office of Statewide Hospital Planning & Development <i>7/12/2023, 2:57:18 PM</i> S230637-34-00 Donald Harris</p>			
DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION:			
HGA PROJ. NO: 1500-154-00 HCAl PROJ. NO: S230637-34-00			
<h1 style="font-size: 100px; margin: 0;">HGA</h1> <p>1200 R Street, Suite 100 Sacramento, California 95811 Telephone 916.787.5100</p> <div style="text-align: right; font-family: cursive;"> </div> <p style="margin-top: 10px;">DESIGN PROFESSIONALS OF RECORD:</p>			
<h2 style="margin: 0;">UCDAVIS</h2> <h3 style="margin: 0;">HEALTH</h3> <p style="font-size: small; margin-top: 10px;">FACILITIES DESIGN & CONSTRUCTION 4800 2ND AVENUE SUITE 3010 SACRAMENTO, CALIFORNIA 95817 (916)734-7030</p>			
MECHANICAL/ELECTRICAL/ PLUMBING ENGINEER			
 Integrated Engineers & Contractors Corporation <small>8709 Folsom Blvd., Suite 205 Sacramento, CA 95826 Phone (916) 383-6000 Fax (916) 385-0110</small>			
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1	HCAl BC #1	7/7/2023	

CENTRAL PLANT

CENT PLANT 1ST FLR PO&M Emissions UREA Project

ELECTRICAL CONNECTION

Symbols 2

ACCOUNT NO: **9557240**

HCAI NO:

BUILDING:

FLOOR / WING:

PROJECT TITLE:

SHEET TITLE:

ARCH. I ENGR

GO

UCDMC PROJECT MANAGER

CL

DESIGNED BY

RM

DRAWN BY

RM

FORM: JOB NO.

9557240

SCALE

AS SHOWN

DATE

March 20, 2023

CAD FILE

SHEET NO.

E002.1

SHEET

OF