GENERAL NOTES

C. EXISTING

THE FOLLOWING GENERAL NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE LANDSCAPE ARCHITECT OF WORK. A CITY OF CHULA VISTA SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE CITY WILL NOT BE RESPONSIBLE FOR THEIR ENFORCEMENT.

- NOTES ARE DIRECTED TO THE WORK OF THE LANDSCAPE CONTRACTOR UNLESS NOTED ON PLANS.
- WORK NOT INTENDED TO BE UNDER LANDSCAPE CONTRACTOR'S CONTRACT A. N.I.C. - NOT IN CONTRACT B. BY OTHERS
- CONTRACTOR SHALL VERIFY WITH LANDSCAPE ARCHITECT THAT PLANS ARE CURRENT AND APPROVED.
- WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF CHULA VISTA LANDSCAPE MANUAL (MOST RECENT EDITION) AND THE SAN DIEGO COUNTY HANDBOOK FOR PUBLIC WORKS CONSTRUCTION.
- THESE LANDSCAPE AND IRRIGATION PLANS HAVE BEEN CHECKED ONLY FOR COMPLIANCE WITH THE REQUIREMENTS OF THE GRADING ORDINANCE. THE ENGINEER'S SIGNATURE OR APPROVAL DOES NOT CONSTITUTE APPROVAL OF ADDITIONAL LANDSCAPE AND IRRIGATION WHICH IS NOT COVERED BY THE BUILDING DEPARTMENT CHECK AND APPROVAL
- 6. THESE PLANS ARE BASED ON HUNSAKER & ASSOCIATES PRECISE GRADING PLANS, W.O. # OR651P1, DRAWING NO. 22006, SHEETS C-1 THROUGH C-5.
- THESE PLANS ARE BASED ON HALE ENGINEERINGS IMPROVEMENT PLANS, W.O. # OR-651I, DRAWING NO. 14012-01
- THESE PLANS ARE BASED ON PUBLIC RESTROOM COMPANYS TRASH ENCLOSURE + COMFORT STATION PLANS
- THESE PLANS ARE BASED ON JUSTUS STUDIOS CONTAINER PLANS (FOR FREEFORM DEVELOPMENT INC.)
- 10. THE OWNER SHALL PROVIDE A COPY OF THE ENGINEERING SOILS REPORT BY AGS, INC. REPORT NO. 2205-03-B-2, DATED MAY 19, 2022 TO THE CONTRACTOR WHO SHALL BECOME FAMILIAR WITH THE REPORT'S RECOMMENDATIONS PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR SHALL COMPLY WITH THE REPORT'S RECOMMENDATIONS AS THEY RELATE TO HIS WORK.
- 11. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY AND/OR REQUIRED PERMITS AND PAY ALL RELATED FEES AND/OR TAXES REQUIRED TO INSTALL THE WORK ON THESE PLANS. INCLUDING, BUT NOT LIMITED TO PLAY STRUCTURES, UMBRELLAS, AND MONUMENT.
- 12. THE CONTRACTOR SHALL BE APPROPRIATELY LICENSED AS REQUIRED BY THE STATE IN WHICH THE WORK TAKES PLACE.
- 13. PRIOR TO INITIATING ANY PHASE OF THE IRRIGATION INSTALLATION, THE CONTRACTOR SHALL VERIFY EXISTENCE, SIZE, AND LOCATION OF ALL RELATED UTILITY SERVICES AND METERS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- 14. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF WORK, TO BE APPROVED BY OWNER AND LANDSCAPE ARCHITECT. PRIOR TO BEGINNING THE PROJECT. ALL WORK SHALL BE IN ACCORDANCE WITH SAID SCHEDULE.
- 15. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING THE WORK AND SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, LANDSCAPE ARCHITECT, GOVERNING AGENCIES AND OTHER TRADES.
- 16. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY ERRORS, OMISSIONS OR DISCREPANCIES IN EXISTING CONDITIONS OR WITHIN THE PLANS PRIOR TO BEGINNING THE WORK. IMMEDIATE NOTIFICATION WILL BE GIVEN TO THE LANDSCAPE ARCHITECT SHOULD SUCH A CONDITION BE DISCOVERED.
- 17. ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE SPECIFIED.
- 18. THE CONTRACTOR SHALL, IMMEDIATELY UPON BEING AWARDED THE CONTRACT, MAKE ANY ARRANGEMENTS NECESSARY TO INSURE THAT ALL MATERIALS, CONNECTIONS, AND SUPPLIES WILL BE AVAILABLE WHEN NEEDED FOR THIS PROJECT.
- 19. ADDITIONS AND/OR DELETIONS OF MATERIAL AND/OR LABOR SHALL BE MADE AT UNIT PRICES.
- 20. NO ALTERATIONS WILL BE CONSIDERED FOR ITEMS SPECIFICALLY CALLED FOR ON THESE PLANS.

Declaration of Responsible Charge

I hereby declare that I am the Landscape Architect of work for this project, that I have exercised responsible charge over the design of the project as defined in section 6703 of the Business and Professions Code, and that the design is consistent with current standards.

I understand that the check of project drawings and specifications by the City of Chula Vista, the Otay Water District, and the County of San Diego Department of Environmental Health is confined to a review only and does not relieve me, as Landscape Architect of work, of my responsibilities for project design.

I am familiar with and agree to comply with the requirements for landscape improvement plans as described in Chapter 20.12 of the Municipal Code. I have prepared these plans in compliance with those regulations. I certify that the plans implement the regulations to provide efficient landscape

SIGNATURE	
THOMAS PICARD, R.L.A. NO. 4001 EXP. DATE: 9-30-23	
TRIBUTARY LA, INC.	
2527 JEFFERSON ST. SUITE 14 CARLSBAD, CA 92008	

21. DETERMINATION OF "EQUAL" SUBSTITUTIONS SHALL BE MADE ONLY BY THE LANDSCAPE ARCHITECT AND /OR OWNER.

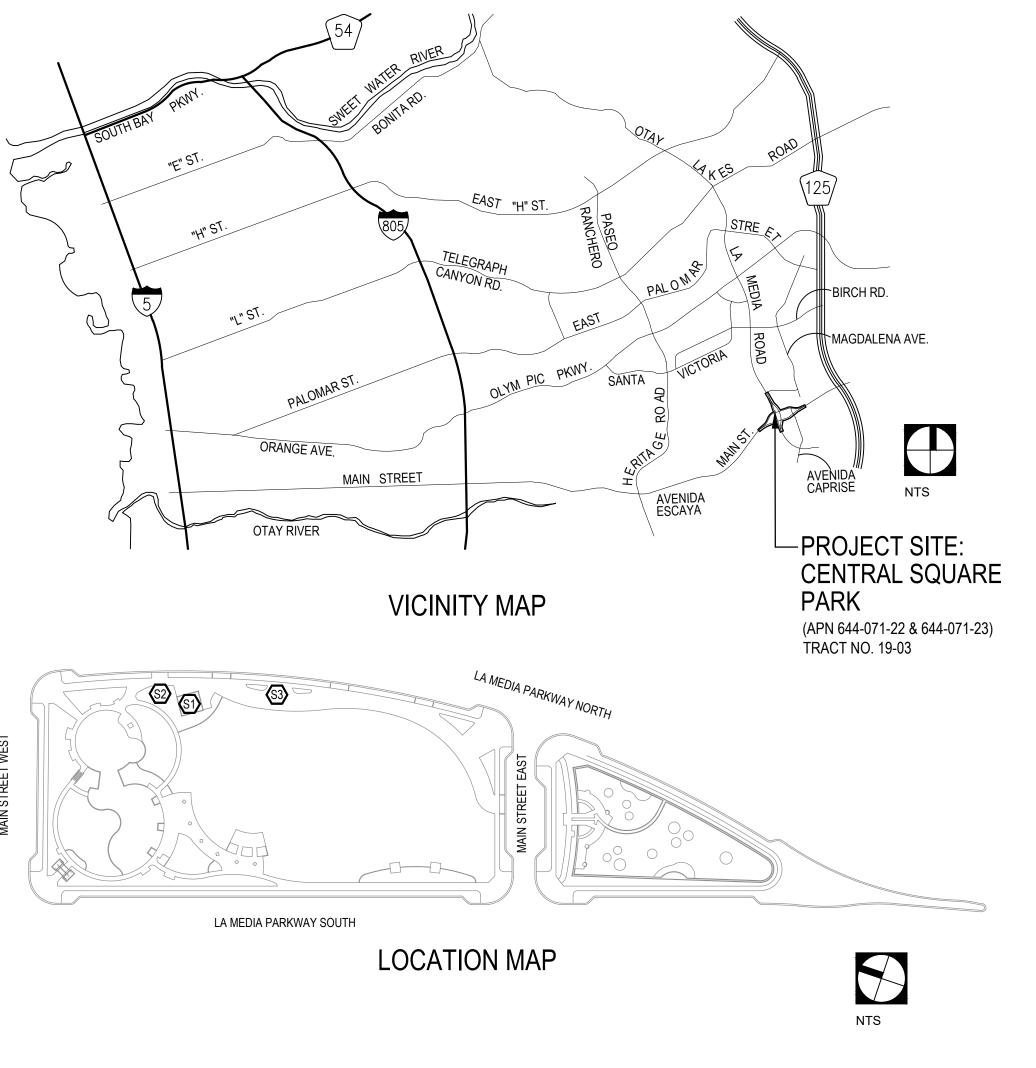
- 22. LANDSCAPE ARCHITECT SHALL BE NOTIFIED NO LESS THAN 48 HOURS IN ADVANCE OF ANY SITE OBSERVATIONS OR MEETINGS.
- 23. SITE OBSERVATIONS AND MEETINGS SHALL INCLUDE:
- A. PRE-CONSTRUCTION
- B. LANDSCAPE GRADING AND SOIL AMENDING C. LANDSCAPE CONSTRUCTION
- D. IRRIGATION PRESSURE AND COVERAGE TEST
- E. SPOTTING OF SPECIMEN PLANTS
- F. PLANTING
- G. PRE-MAINTENANCE
- H. POST-MAINTENANCE (FINAL)
- "LANDSCAPE" SHALL REFER TO ALL IMPROVEMENTS WITHIN THIS SET NOTES: OF DOCUMENTS THAT HAVE BEEN DESIGNED BY THIS OFFICE. THE CONTRACTOR SHALL CONTACT THE CITY OF CHULA VISTA SENIOR LANDSCAPE INSPECTOR, DAVE DEFACCI (619-409-5432 AND DDEFACCI@CHULAVISTACA.GOV) FOR ALL TREE PLACEMENT AND SPOTTING PRIOR TO INSTALLATION. PRIOR TO THE COMMENCEMENT OF THE LANDSCAPE AND IRRIGATION IMPROVEMENTS, THE CONTRACTOR SHALL CONTACT THE CITY OF CHULA VISTA SENIOR LANDSCAPE INSPECTOR, DAVE DEFACCI FOR A LANDSCAPE INSPECTION PACKET, LANDSCAPE AND IRRIGATION BOND EXONERATION WORKSHEET, AND TO SCHEDULE AN INSPECTION OF THE IMPROVEMENTS. https://www.chulavistaca.gov/departments/development-services/ resources/dsdformsspecifications
- 22. SITE OBSERVATIONS BY THE LANDSCAPE ARCHITECT DURING ANY PHASE OF THIS PROJECT DOES NOT RELIEVE THE CONTRACTOR OF HIS PRIMARY RESPONSIBILITY TO PERFORM ALL WORK IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND GOVERNING CODES.
- 23. CONTRACTOR SHALL BE BACK CHARGED FOR LANDSCAPE ARCHITECT'S TIME WHEN OBSERVATIONS ARE CALLED FOR AND IT IS FOUND THAT THE WORK IS NOT SIGNIFICANTLY READY UPON OBSERVATION OR APPOINTMENT IS NOT KEPT. TIME WILL BE CHARGED ON AN HOURLY BASIS, PLUS TRANSPORTATION, FOOD AND LODGING COSTS, IF ANY, AT THE THEN EXISTING HOURLY RATE FOR PERSONNEL PROVIDING THE OBSERVATIONS.
- 24. THIS FIRM DOES NOT PRACTICE OR CONSULT IN THE FIELD OF SAFETY ENGINEERING. THIS FIRM DOES NOT DIRECT THE CONTRACTORS OPERATIONS, AND IS NOT RESPONSIBLE FOR THE SAFETY OF PERSONNEL OTHER THAN OUR OWN ON THE SITE: THE SAFETY OF OTHERS IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHOULD NOTIFY THE OWNER IF HE CONSIDERS ANY OF THE RECOMMENDED ACTIONS PRESENTED HEREIN TO BE UNSAFE.
- 25. THESE PLANS HAVE BEEN PREPARED IN SUBSTANTIAL CONFORMANCE WITH THE LANDSCAPE CONCEPT PLANS, WATER CONSERVATION PLAN AND CONDITIONS OF APPROVAL RELATED TO LANDSCAPING.
- 26. LANDSCAPE IMPROVEMENTS SHOWN ON THESE PLANS ARE TO BE MASTER ASSOCIATION MAINTAINED. THE DEVELOPER / CONTRACTOR SHALL PROVIDE FULL MAINTENANCE OF ALL LANDSCAPE AREA FOR A MINIMUM OF 90 DAYS AFTER INITIAL WRITTEN CLIENT APPROVAL.
- 27. THESE PLANS AND ALL WORK SHALL COMPLY WITH THE 2022 CBC (2022 IBC), 2022 CPC, 2022 CMC, 2022 CEC, 2022 CFC & THE 2022 CALIFORNIA ENERGY CODE, AS ADOPTED AND AMENDED BY THE CITY OF CHULA VISTA.
- 28. THE LANDSCAPE AND IRRIGATION SHALL BE IN COMPLIANCE WITH THE CITY OF CHULA VISTA LANDSCAPE WATER CONSERVATION ORDINANCE, MUNICIPAL CODE CHAPTER 20.12.
- 29. APPLICANT AND CONTRACTOR SHALL VISIT THE CITY'S LANDSCAPE ARCHITECTURE INSPECTION WEBPAGE AT: https://www.chulavistaca.gov/departments/development-services/landscapearchitectureinspection TO UNDERSTAND REQUIREMENTS FOR LANDSCAPE SIGN-OFF AT COMPLETION OF IMPROVEMENTS
- 30. CONTRACTOR TO SUBMIT FIELD RECORD REDLINES TO LANDSCAPE ARCHITECT

water use.	CITY				CITY OF CHULA VIS	LS		IT'S THE LAW! DIAL BEFORE YOU DIG!							
									1ST SUBMITTAL	()5 Jan 24				
		05 Jan 24										SIGNED:		DATE:	
SIGNATURE THOMAS PICARD, R.L.A. NO. 4001 E TRIBUTARY LA, INC.		DATE										PRINT NAME:	THOMAS A.	PICARD R.L.A. # 4001	BEFORE EXCAVAT
2527 JEFFERSON ST. SUITE 14 CAF	RLSBAD, CA 92008											DISCIPLINE: LANDSCAPE	ARCHITECT	REGIST. EXP. <u>9/30/25</u>	UTILITY UNDERGR
CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE	Office	D	Designed By	Drawn By	,	Checked By	_	
Contractor	CV DWG:14011, 140	12 HALE ENGINEERING				DESCRIPTION: CITY OF CHULA VISTA BENCH MARK NO. 5072 ELEVATION	OUALL	Onice		KK/TP	KK/KF		TP		
nspector	CV DWG: 20033	TRIBUTARY LA, INC.					Horizontal N / A	Field		Plans Prepared Une	der Supervision Of			Approved:	
Date Completed						DESCRIPTION: 3" BRASS DISK (LS4324) WELL MON @ CL INT. RUTGERS & OTAY LAKES. PT. NO. 5072 PER ROS 14841	Vertical	Traffic	ТНОМА	AS A. PICARD	Dat R.L			Laura C. Black Director of Development Services	or designee.
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Building Permit: Comfort Station, Trash Enclosure, Container **OTAY RANCH VILLAGE 8 WEST** CENTRAL SQUARE PARK

A Development of HomeFed Corporation



Building Permit Scope of Work

/mbol	Description	Area
S1	Prefabricated Comfort Station	484 sf
S 2	Prefabricated Trash Enclosure	200 sf
\$ 3	Prefabricated Pop-up Retail Container	160 sf

See Sheets / Plans
LS-1, and Approved Plans by Public Restroom Company, State of CA Approval 591-1254 (5-17-23)
LS-1, and Approved Plans by Public Restroom Company, State of CA Approval 591-1255 (5-24-23)
LS-1, Approved Plans by Justus Studio Inc State of CA Approval MAC-CM 10075 (9-3-23) and Approved Plans by Ecod Service Design Group

Approved Plans by Food Service Design Group San Diego County DEH 2023-FFPP-016938

PROJECT DATA Description

	Trash Enclosure	Comfort Station	Container
Construction Type:	VB	VB	VB
Number of Stories	1	1	1
Occupancy / Classification	U	U	В
Area	200sf	484sf	160sf
Height	11'-11"	12'-5"	9'-6"
Wildland Urban Interface	No	No	No
FLCOD Zone Design Criteria	n/a	n/a	No
Fire Sprinklers	No	No	No

SHEET INDEX

heet	Numbe

1	T-1	TITLE SHEET
2	LS-1	SITE PLAN
3	LS-2	CIRCULATION PLAN
4	LS-3	ACCESSIBILITY DETAILS (SITE ONLY)
5-13	T-1, AC, A-1, A-1.1, A-2, A-3, P-1,	COMFORT STATION - STATE OF CA APPROVED
2 LS-1 3 LS-2 4 LS-3 5-13 T-1, <i>A</i> E-1, 5 14-18 T-1, <i>A</i> 19-51 A0-0. THRU PO.1 52-55 KT, K	E-1, S-1	PLANS BY PUBLIC RESTROOM COMPANY
14-18	T-1, A-1, A-2, P-1, S-1	TRASH ENCLOSURE - STATE OF CA APPROVED
2 LS- 3 LS- 4 LS- 5-13 T-1 E-1 14-18 T-1 19-51 A0- THI PO 52-55 KT,		PLANS BY PUBLIC RESTROOM COMPANY
19-51	A0-0.00 THRU A3-2.00, S000	POP-UP RETAIL CONTAINER - STATE OF CA
	THRU S401, E001 THRU E203, PO.1 THRU P2.1	APPROVED PLANS BY JUSTUS STUDIO INC.
52-55	KT, K-0.0, K-1.0, K-2.0,	POP-UP RETAIL CONTAINER- APPROVED COUNTY
		OF SAN DIEGO DEH PLANS BY FOOD SERVICE
		DESIGN GROUP
3 L 4 L 5-13 T E 14-18 T 19-51 <i>A</i> 52-55 K		
	Per Separate Documents	COMFORT STATION STRUCTURAL CALCS
		TRASH ENCLOSURE STRUCTURAL CALCS
		POP-UP RETAIL CONTAINER STRUCTURAL CALCS
		GEOTECHNICAL REPORT BY AGS

Sheet Description

RELATED PERMITS (NOT A PART. FOR REFERENCE ONLY)

Permit No. Description

591-1254 591-1255 MAC-CM 10045 DEH2023-FFPP-016938 WO OR-651P1 S23-0027 PE22-0078

COMFORT STATION TRASH ENCLOSURE POP-UP RETAIL CONTAINER POP-UP RETAIL CONTAINER **IMPROVEMENT PLANS** MONUMENT SIGN ENCROACHMENT AGREEMENT

ACCESSIBILITY NOTES

- 1. THESE PLANS AND ALL WORK SHALL COMPLY WITH THE CURRENT (2022) EDITION OF THE CALIFORNIA BUILDING CODE, TITLE 24, CHAPTER 11B, THE INSTALLING CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THIS CHAPTER OF THE CBC.
- 2. ACCESSIBLE ROUTES SHALL COMPLY WITH 11B-402
- A. NO WALK SHALL HAVE A RUNNING SLOPE OF 1:20 (5%) OR GREATER. IF A WALK IS CONSTRUCTED WITH A RUNNING SLOPE OF 1:20 (5%) OR GREATER, IT MUST COMPLY WITH THE RAMP REQUIREMENTS OF SECTION 11B-405.
- B. WALKS THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL BE 48" MINIMUM IN WIDTH (11B-403.5.1) C. WALK SURFACES SHALL BE SLIP RESISTANT
- D. CHANGES IN LEVEL ¹/₄"H MAX SHALL BE PERMITTED TO BE VERTICAL. CHANGES IN LEVEL BETWEEN $\frac{1}{4}$ "H MIN. AND $\frac{1}{2}$ "H MAX. SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. (11B-303)
- E. THE MAXIMUM PERMITTED CROSS SLOPE IS 1:48 (2%) (11B-403.3) 3. SWINGING DOORS AND GATES ON AN ACCESSIBLE ROUTE SHALL COMPLY WITH SECTION 11B-404
- A. THERE SHALL BE A LEVEL AREA PROVIDED AT AREAS WHERE A DOOR OR GATE SWINGS INTO AN ACCESSIBLE ROUTE OF TRAVEL, AND SHALL COMPLY WITH THE SIZES IN TABLE 11B-404.2.4.1
- B. ALL DOOR AND GATE MANEUVERING CLEARANCES MUST COMPLY WITH TABLE 11B-404.2.4.1

OWNER HOMEFED CORPORATION 1903 WRIGHT PLACE, SUITE 220 CARLSBAD, CA 92008 (760) 798-1765 CONTACT: Don Ross

LANDSCAPE ARCHITECT TRIBUTARY LA, INC. 2725 JEFFERSON STREET, SUITE 14 CARLSBAD, CA 92008 (760) 434-9300 CONTACT: TOM PICARD

CIVIL ENGINEER HUNSAKER & ASSOCIATES 9707 WAPLES STREET SAN DIEGO, CA 92121 (858) 558-1414 CONTACT: YOLANDA CALVO

IRRIGATION CONSULTANT VELOCITY IRRIGATION 33686 Harvest Way Wildomar, CA 92595 (951) 312-4466 CONTACT: Rick Dortch

RTM ENGINEERING CONSULTANTS 39249 LEOPARD STREET, SUITE A-101 PALM DESERT, CALIFORNIA 92211 (760) 340-9005 CONTACT: VICTOR LEON STRUCTURAL ENGINEER (LANDSCAPE PLANS) **ORIE 2 ENGINEERING** 9750 MIRAMAR ROAD, SUITE 310

SAN DIEGO, CA 92126 (858) 335-7643 CONTACT: JAMES ORIE GEOTECHNICAL ENGINEER

ELECTRICAL ENGINEER

AGS 485 CORPORATE DRIVE, SUITE B ESCONDIDO, CA 92029 (619) 867-0487 CONTACT: ANDRES BERNAL, PAUL DeRISI

CONTAINER CONSULTANT FREEFORM DEVELOPMENT, INC. 1148 INDUSTRIAL AVE Escondido, CA 92029 (760) 801-2384 CONTACT: ADAM JUBELA

COMFORT STATION + TRASH CONSULTANT PUBLIC RESTROOM COMPANY 2587 BUSINESS PARKWAY MINDEN, NV 89423 (888) 888-2060

CONTACT: JOSIE CHELOTTI

GOVERNING MUNICIPALITY THE CITY OF CHULA VISTA 276 FOURTH AVENUE CHULA VISTA, CALIFORNIA 92010 (619) 476-2385 CONTACT: MARK CARO

GOVERNING WATER AGENCY **OTAY WATER DISTRICT** 2554 SWEETWATER SPRINGS BOULEVARD SPRING VALLEY, CALIFORNIA 91977 (619) 670-2241 CONTACT: PUBLIC SERVICES

GOVERNING HEALTH AGENCY COUNTY OF SAN DIEGO DEPT. OF ENVIRONMENTAL HEALTH 5500 OVERLAND AVENUE, SUITE 170 SAN DIEGO, CALIFORNIA 92123 (858) 505-6700 CONTACT:

Responsibility Disclaimer

All screened facilities, existing or proposed, were obtained from Civil Improvement Plans OR-651I and OR-651P1, and OWD Work Order No. D0944-060297. For this project, OWD Project No. D0944-090297, actual size and location of facilities shall be verified. Contractor shall pothole all existing utilities to verify tie-in locations, pipe size and type prior to any work being performed. To the best of our knowledge the facilities exist or will exist as shown. The Otay Water District and Tributary LA, Inc. shall not be held responsible for actual size and location. Any discrepancies shall be immediately brought to the attention of the Otay Water District Engineer.

Omission Statement

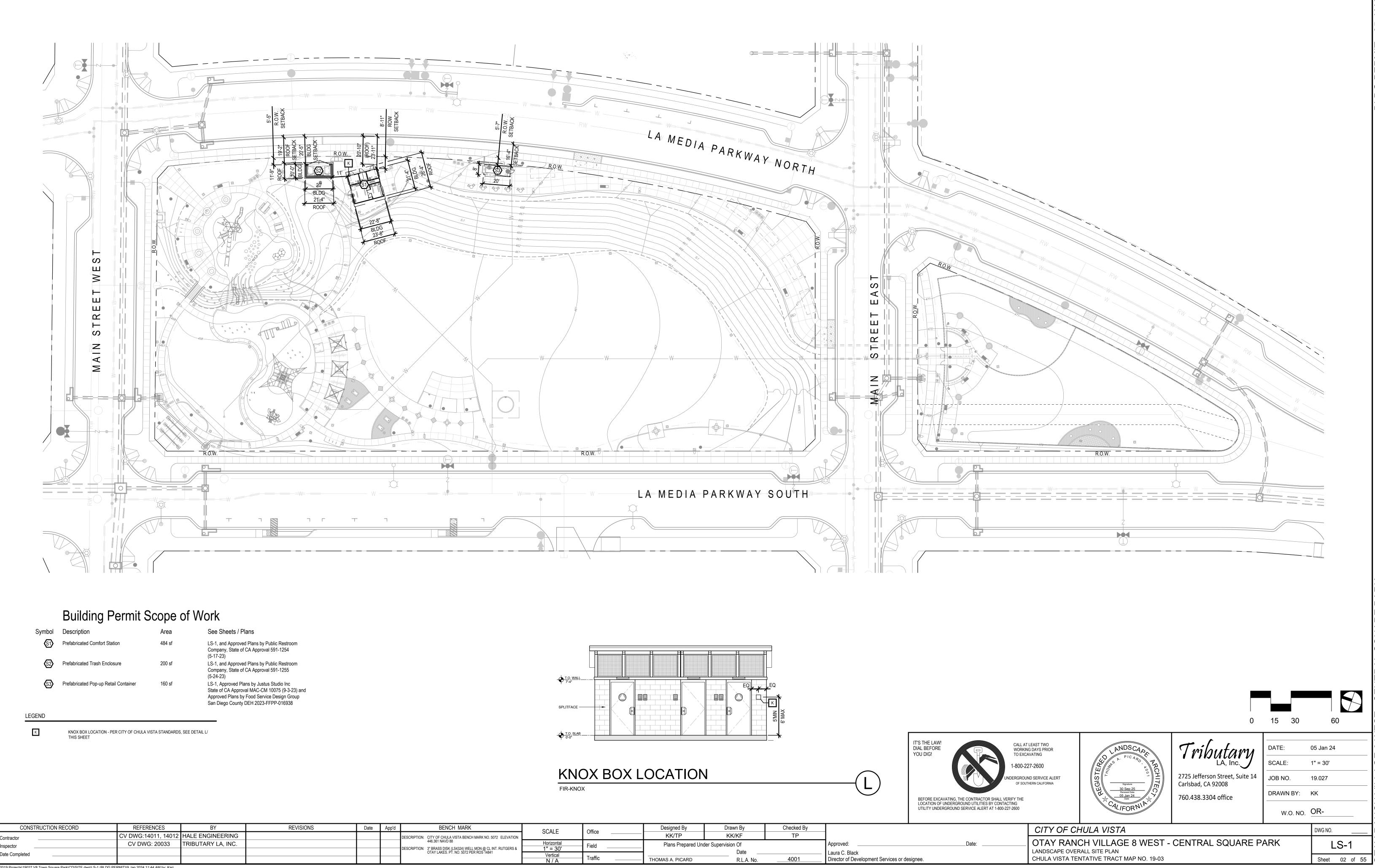
There are no decorative fountains, swimming pools, or wells on the site

Drinking fountains, comfort stations, playground equipment, and outdoor eating areas shall be protected against contact with recycled water spray, mist, or run-off.

Inspection Note

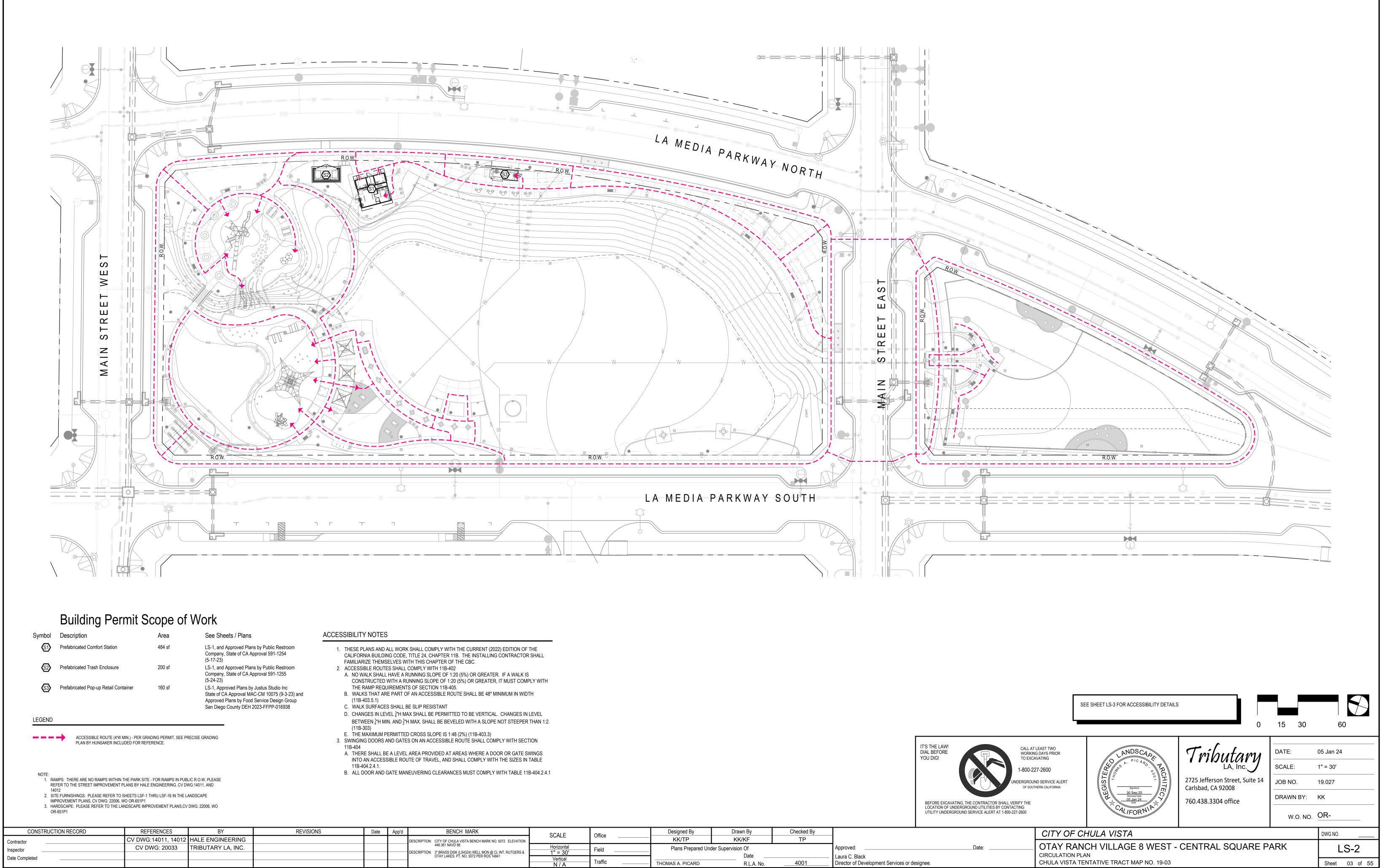
Otay Water District Inspection shall be notified five (5) working days prior to the start of construction at (619) 670-2241. All work performed without the benefit of inspection shall be subject to rejection and removal.





CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE	Office	Designed By	Drawn By	Checked By	
Contractor	CV DWG:14011, 14012	HALE ENGINEERING				DESCRIPTION: CITY OF CHULA VISTA BENCH MARK NO. 5072 ELEVATION			KK/TP	KK/KF	TP	
	CV DWG: 20033	TRIBUTARY LA, INC.				446.361 NAVD 88	Horizontal	Field	Plans Prepared Un	der Supervision Of		Approved:
.						DESCRIPTION: 3" BRASS DISK (LS4324) WELL MON @ CL INT. RUTGERS & OTAY LAKES. PT. NO. 5072 PER ROS 14841	1" = 30'		4	Date		Laura C. Black
Date Completed							Vertical	Traffic			4001	
							N / A	Traine	THOMAS A. PICARD	R.L.A. No.	4001	Director of Development Services or designee.

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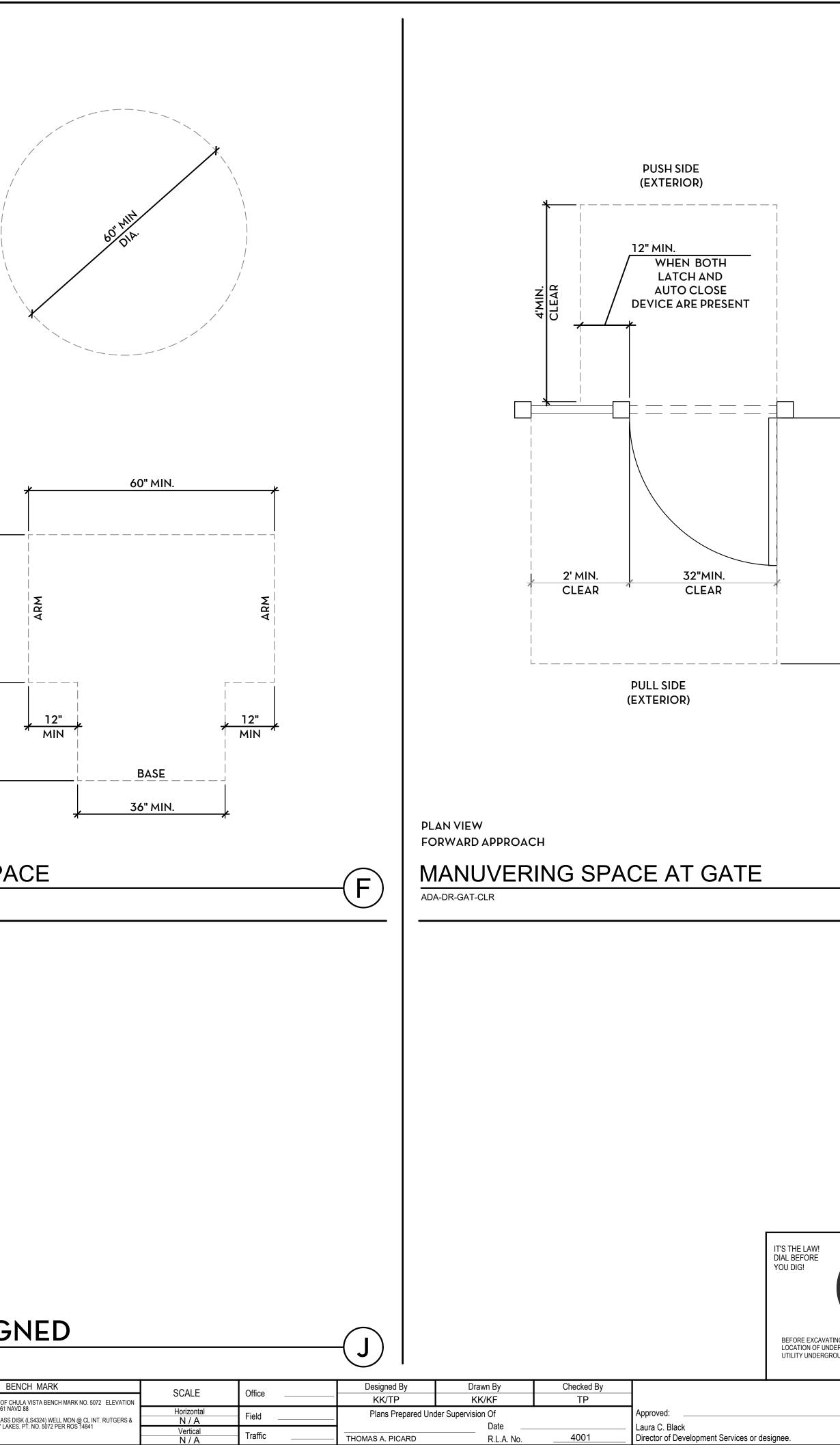


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BENCH MARK	SCALE	Office	Designed By	Drawn By	Checked By	
OF CHULA VISTA BENCH MARK NO. 5072 ELEVATION	JUALE		KK/TP	KK/KF	TP	
61 NAVD 88	Horizontal	Field	Plans Prepared Unc	ler Supervision Of		Approved:
ASS DISK (LS4324) WELL MON @ CL INT. RUTGERS & LAKES, PT. NO. 5072 PER ROS 14841	1" = 30'			Date		
LAKES. PT. NO. 5072 PER ROS 14841	Vertical	Traffic			4004	Laura C. Black
	N/A		THOMAS A. PICARD	R.L.A. No.	4001	Director of Development Services or designee.

30"MIN.	48	" MIN	2		
PLAN VIEW CLEAR FLOOR (ADA-GRND-FLR-CLR	OR GROU	ND SPACE	Ξ	PLAN VII CIRCULA	EW AR SPACE
				PLAN VII -SHAPE	EW ED SPACE
NOT ASSIGN	ED				NING SP
NOT ASSIGN CONSTRUCTION RECORD Contractor Inspector	REFERENCES CV DWG:14011, 14012 CV DWG: 20033	BY HALE ENGINEERING TRIBUTARY LA, INC.	REV	Date	App'd DESCRIPTION: CITY 446.3 DESCRIPTION: 3" BR OTAY

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THOMAS A. PICARD

R.L.A. No.

(D)

 (\mathbf{H})

NOT ASSIGNED

5' MIN. CLEAR

G

NOT ASSIGNED

WORKING TO EXCA 1-800-22 UNDERGROUN	-	LANDSCAPE PICAPO A. PICAPO PO BIGINATURE 30 Sep 25 Renoval Date OS May 23 Date CALIFORNIA	Tributary LA, Inc. 2725 Jefferson Street, Suite 14 Carlsbad, CA 92008 760.438.3304 office	SCALE: JOB NO. DRAWN BY:	05 Jan 24 N / A 19.027 КК OR-
	CITY OF CH	IULA VISTA			DWG NO.
Date:	ACCESSIBILITY DE		CENTRAL SQUARE PA	ARK	LS-3 Sheet 04 of 55

8 WEST - CENTRAL SQUARE PARK AGE RANCH X

CODE COMPLIANCE

APPLICABLE CODES:

OCCUPANCY & USE:

TYPE OF CONSTRUCTION

FIRE SPRINKLERS:

FIRE SEPARATION DISTANCE:

HEIGHT & STORIES: **BUILDING HEIGHT** NUMBER OF STORIES

BUILDING AREA:

PRC JOB NUMBER

BUILDING MODEL NUMBER:

NUMBER OF BUILDING MODS:

 2022 CALIFORNIA BUILDING CODE 2022 CALIFORNIA PLUMBING CODE

U

NO

V-B

10' OR GREATER ON ALL SIDES

11'-11" (40'-0" ALLOWED) 1 STORY (1 STORY ALLOWED)

200 s.f. (5,500 ALLOWED)

11385B

TF

GENERAL NOTES

- THE STRUCTURAL DESIGN DETAILS HEREIN ARE SPECIFIC TO THE BUILDING SIZE AND MODULE CONFIGURATION SHOWN ON THE FLOOR PLAN OF THESE DRAWINGS.

- LOCATION OF THIS BUILDING SHALL MEET REQUIRED PROPERTY CODE SETBACKS PER LOCAL JURISDICTION.
- ACCESSIBILITY TO THIS STRUCTURE SHALL BE IN CONFORMANCE WITH LOCAL CODE
- INCLUDING ALL PATHWAYS, RAMPS AND PATHS OF TRAVEL FROM PARKING TO THE BUILDING. - SOIL BEARING REQUIREMENT IS 1500 PSF, SUB GRADE COMPACTION AT 90%. SITE BUILDING
- PAD PREPARATION BY OTHERS.
- ALL DIMENSIONS HEREIN ARE NOMINAL AND SUBJECT TO CHANGE AS LONG AS THEY DO NOT VIOLATE CODE.
- THIS BUILDING IS NOT DESIGNED TO BE LOCATED IN A WUI (WILDLAND URBAN INTERFACE) FIRE AREA.

- ALL WORK REQUIRED TO BE COMPLETED ON SITE SUBJECT TO LOCAL REVIEW, APPROVAL AND INSPECTION BY LOCAL AHJ. OWNER / GENERAL CONTRACTOR RESPONSIBLE FOR ALL INSPECTIONS.

- a. SITE CONCRETE FOUNDATION (IF APPLICABLE)
- b. COMPACTED BUILDING PAD
- c. UNDER SLAB UTILITY PIPING (SEE NOTE)
- d. SEWER (DWV) CONNECTION

e. CONCRETE WALKWAY COMPLIANT WITH PATH OF TRAVEL FROM ACCESSIBLE PARKING

NOTE: PUBLIC RESTROOM COMPANY WILL ONLY FURNISH AND INSTALL UNDERGROUND UTILITIES (UNDER SLAB) EXTENDING 6 FEET (MAX.) BEYOND THE BUILDING LINE. MIN. OF 24" -MAX. OF 36" BELOW GRADE - U.N.O. ALL UTILITY BOXES TO BE PROVIDED BY OTHERS.

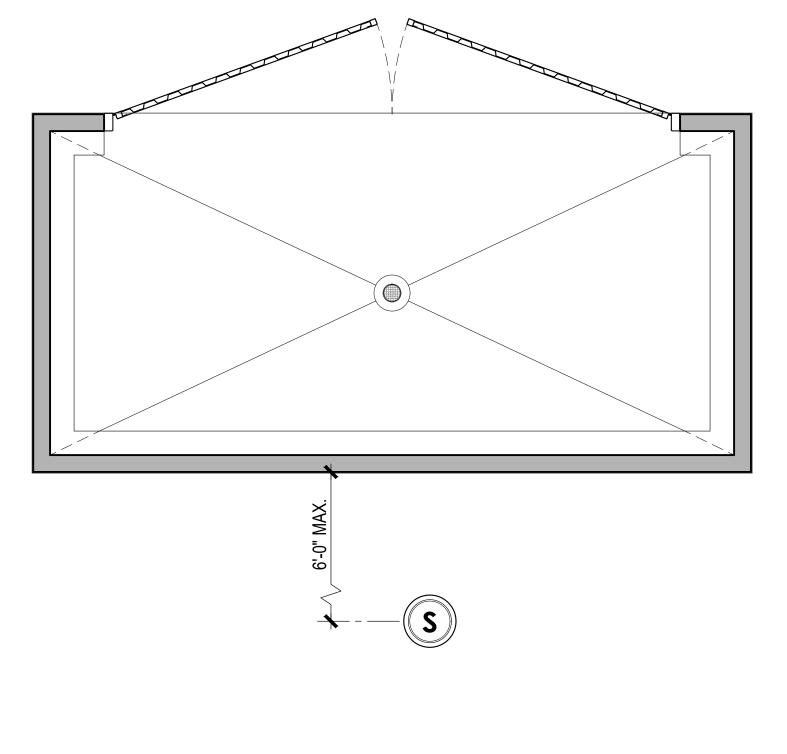
- SITE INSTALLATION DETAILS ARE NOTED ON SHEETS S-1 FOR STRUCTURAL CONNECTIONS, A-2 FOR WEATHERIZATION FINISH, P-1 FOR PLUMBING CONNECTIONS & E-1 FOR ELECTRICAL CONNECTIONS IN ACCORDANCE w/ SECTION 4368.

- a. SERVICE HOOKUPS (PLUMBING CONNECTIONS).
- b. PATCH AND FINISH AT CRANE PICK LOCATIONS AS NEEDED
- c. INSTALL AND CONNECT FLOOR DRAIN.
- d. PATCH CONCRETE @ FLOOR DRAIN

Description

No









DESIGNER / DEALER:

FAX:

E-MAIL:

PUBLIC RESTROOM COMPANY

2587 Business Parkway

CONTACT: Chad Kaufman

PHONE: (888) 888-2060

(888) 888-1448

chad@publicrestroomcompany.com

Minden, NV 89423

NOTE: FINAL LOCATIONS OF P.O.C. TO BE COORDINATED WITH P.R.C. AND TO BE CONFIRMED ON SITE . UTILITY BOXES TO BE PROVIDED BY OTHERS.

PROJECT INFORMATION

SITE ADDRESS: OTAY RANCH VILLAGE 8 - La Media North & Main Street West, Chula Vista, CA 91911

R & S TAVARES ASSOCIATES

CONTACT: Mariana Cardoso

PHONE: (858) 444 3344

San Diego, CA 92127

POSITION: Controller

11590 W. Bernardo Court, Suite 100

STRUCTURAL ENGINEER:

EMAIL:

PROJECT OWNER: HOMEFED CORPORATION 1903 Wright Place #220 Carlsbad, CA 92008 CONTACT: Don Ross POSITION: Project Manager PHONE: (760) 219-1159 EMAIL: dross@hfc-ca.com

CONSULTANT - LANDSCAPE ARCHITECT: TRIBUTARY LA, INC. 2725 Jefferson Street - Suite 14 Carlsbad, CA 92008 CONTACT: Kari Kiehnau POSITION: Architect PHONE: (608) 513-2903 E-MAIL: kari@trib-la.com

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PROJECT OWNER:

mariana@rstavares.com

HOMEFED CORPORATION Carlsbad, CA

PROJECT NAME AND LOCATION:

OTAY RANCH VILLAGE 8 Chula Vista, CA



DRAWING INDEX

SHE	EETS	PM PLAN REVIEW - 03/14/2023	PRC PLAN REVIEW - 03/20/2023	STRUCTURAL REVIEW - 03/22/2023	CONSTRUCTION DOCUMENTS - 05/23/2023		
T-1	TITLE SHEET						
A-1	FLOOR PLAN, EXTERIOR ELEVATIONS & SCHEDULES						
A-2	CAP BEAM & ROOF FRAMING PLANS, BUILDING SECTIONS						
P-1	PLUMBING PLANS, SCHEDULES & DETAILS						
S-1	CONCRETE SLAB PLAN & DETAILS						

DESIGN LOADS

	STRU	TURAL D	ESIGN CRITERIA				
GRAVITY	LOADS		SEISMIC				
	FLOOR LIVE	100 psf	SEISMIC DESIGN CATEGORY	D			
	FLOOR DEAD	100 psf	SITE CLASS	D			
	ROOF LIVE	20 psf	IMPORTANCE FACTOR	1.0			
	ROOF DEAD	10 psf	RISK CATEGORY	II			
	EXTERIOR WALL DEAD	50 psf	MAPPED ACCELERATIONS				
			S _s	0.771			
			S ₁	0.279			
SNOW			SPECTRAL RESPONSE				
	GROUND SNOW, P _g	0 psf	S _{DS}	0.617			
	FLAT-ROOF SNOW, P _f	0 psf	S _{D1}	0.380			
	IMPORTANCE FACTOR, I_s	1.00	SEISMIC FORCE RESISTING SYSTEM	A7			
	EXPOSURE FACTOR, C _e	1.00	DESIGN BASE SHEAR	0.123W			
	THERMAL FACTOR, C _t	1.00	RESPONSE MODIFICATION FACTOR	5.0			
			ANALYSIS PROCEDURE	ASCE7-16			
WIND							
	ULTIMATE WIND SPEED, Vult	97 mph					
	EXPOSURE CATEGORY	С	FLOOD				
	RISK CATEGORY	II	BUILDING SHALL NOT BE LOCATED, IN WH	IOI F OR IN			
	INTERNAL PRESSURE, Gcpi	+/- 0.18	PART, IN A FLOOD HAZARD AREA AS ESTA				
	MEAN ROOF HEIGHT	15 Ft	BY THE AUTHORITY HAVING JURISDICTION UNLESS SET ON A FOUNDATION DESIGNED IN ACCORDANCE WITH ASCE/SEI 25. THE FLOOD RESISTANT				
	BUILDING SHALL NOT BE PLA UPPER HALF OF A HILL OR ES EXCEEDING 15 FEET IN HEIGI	SCARPMENT	FOUNDATION SHALL BE DESIGNED BY A R DESIGN PROFESSIONAL AND CONSTRUCT RESIST ALL FLOOD LOADS WITHOUT TRAI LOADS TO THE MODULAR STRUCTURE.	TED TO			

RE FACTOR, C _e	1.00		DESIGN BASE SHEAR	0.123W				
AL FACTOR, C _t	1.00	RESPON	SE MODIFICATION FACTOR	5.0				
			ANALYSIS PROCEDURE	ASCE7-16				
ND SPEED, Vult RE CATEGORY SK CATEGORY	97 mph C II	FLOOD				APPRO	VED	
RESSURE, Gcpi	 +/- 0.18		ALL NOT BE LOCATED, IN V .OOD HAZARD AREA AS ES			BY RADCC		Ū
ROOF HEIGHT	15 Ft	BY THE AUTH SET ON A FO WITH ASCE/S	IORITY HAVING JURISDICTI UNDATION DESIGNED IN AG EI 25. THE FLOOD RESISTA I SHALL BE DESIGNED BY A	ON UNLESS CCORDANCE .NT		Department o And Comm Development third party	nunity approved design	hula Victa
ALL NOT BE PLA	CED ON THE		FESSIONAL AND CONSTRU			approval a		ء
OF A HILL OR ES	-		LOOD LOADS WITHOUT TR	ANSFERRING	Approval [DM9202 Date	Expiration Date	
15 FEET IN HEIGI	HI	LOADS TO TH	IE MODULAR STRUCTURE.		5/24/20		8/31/2024	1
						APPROVA 591-12		
COMPONE	NTS & CLA	ADDING W	IND LOADS	7	STR	JCTUR	AL ONLY	- Ľ
	END	ZONE	INTERIOR ZONE	-	compliance includ		only. All other matters of code lowable area, fire resistance, an	
MPONENT	(p	sf)	(psf)			egress are the respons	sibility of others.	∣ת
WS & SIDING	+25.1	/ -25.1	+20.4 / -20.4					ЦЦ
DOORS	-	/ -25.1	+20.4 / -20.4			PROFESS	19ta	ΙË
CLADDING		/ -55.3	+37.9 / -37.9			M. (ADA	Ľ.
OVERHANGS	+65.8	/ -65.8	+55.3 / -55.3			AM No.60		
						X	1. 1	
						EXP: 06.30	^{0.2024} /★ //	Ц С
						CIVI	L	
						STATE OF CAN	LIFORM	
					F	RST#230		
						05/24/2	2023	
					24x30	OT SCALE - DIN SHEET = SCAI SHEET = NTS	MENSIONS PRESIDE LE AS NOTED	
SHEET TITLE	:			Drawn by:	PD	Job No.	11385B	קר
				Checked by:	JC / KM		_ /	 >

05/23/2023

03/02/2023

COMPONENT

WINDOWS & SIDING

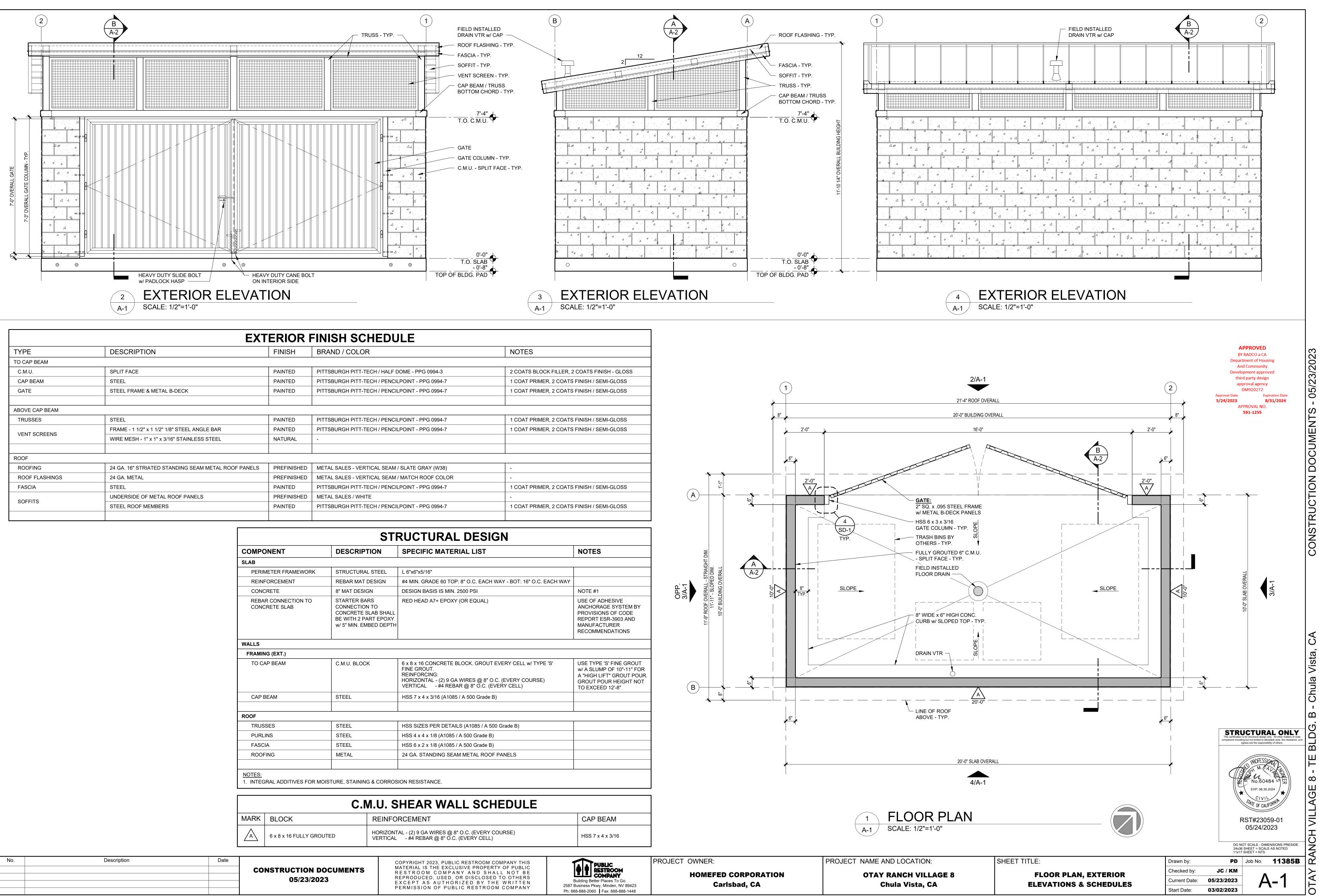
DOORS

ROOF CLADDING

ROOF OVERHANGS

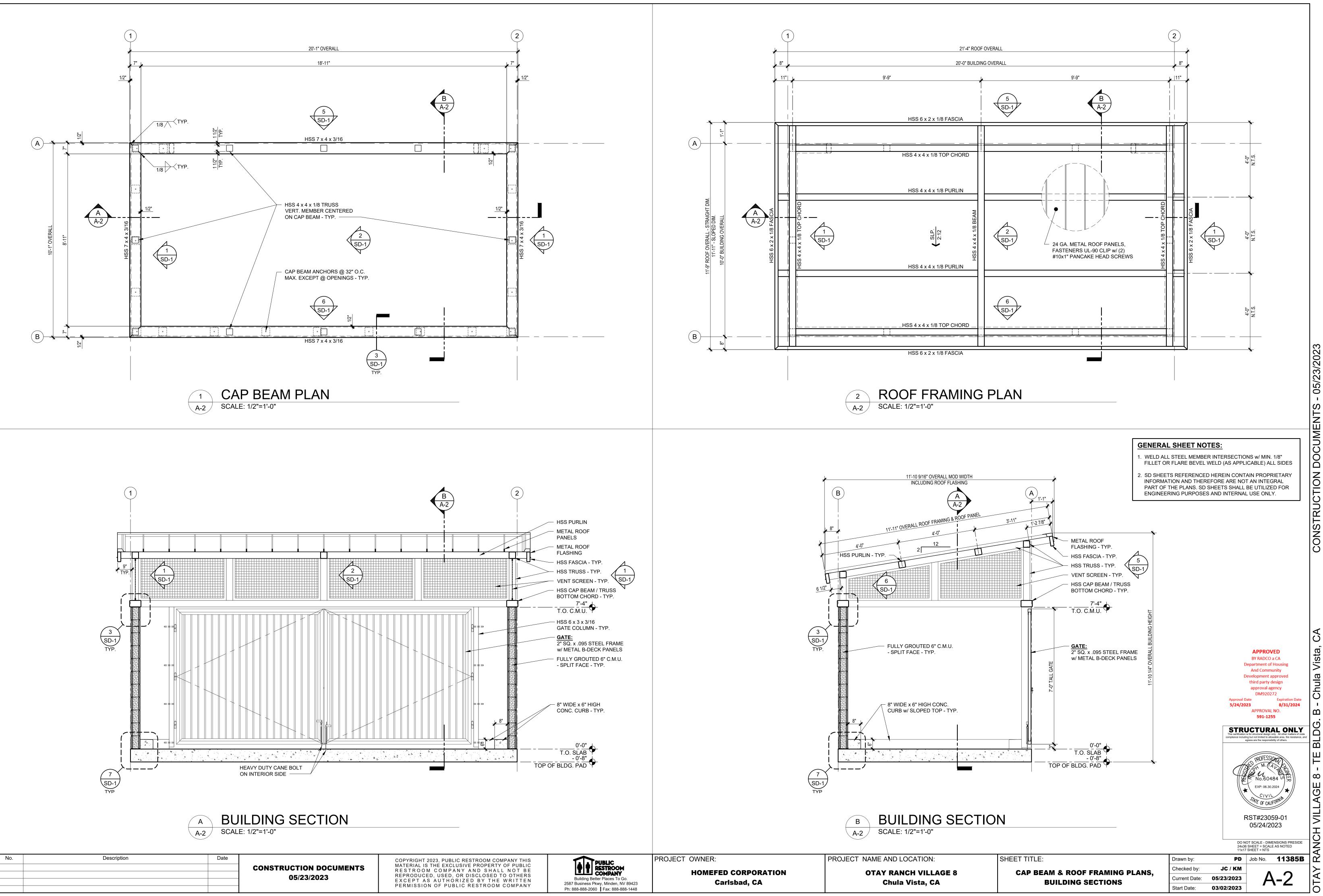
TITLE SHEET

Current Date: Start Date:

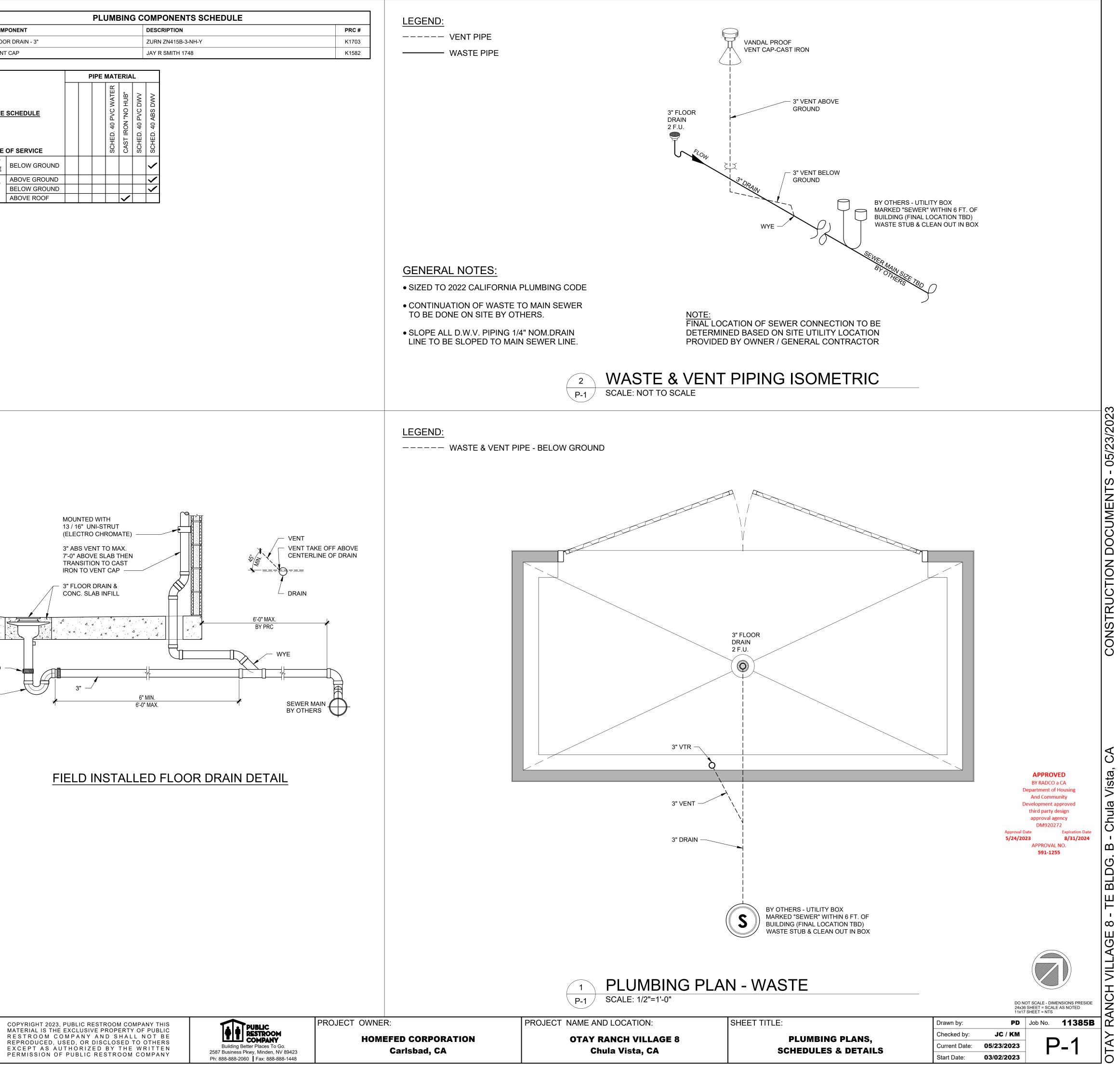


(W38)	-
COLOR	-
994-7	1 COAT PRIMER, 2 COATS FINISH / SEMI-GLOSS
	-
994-7	1 COAT PRIMER, 2 COATS FINISH / SEMI-GLOSS

ATERIAL LIST	NOTES
	NOTED
E 60 TOP: 8" O.C. EACH WAY - BOT: 16" O.C. EACH WAY	
IS MIN. 2500 PSI	NOTE #1
- EPOXY (OR EQUAL)	USE OF ADHESIVE ANCHORAGE SYSTEM BY PROVISIONS OF CODE REPORT ESR-3903 AND MANUFACTURER RECOMMENDATIONS
CRETE BLOCK. GROUT EVERY CELL w/ TYPE 'S' : (2) 9 GA WIRES @ 8" O.C. (EVERY COURSE) #4 REBAR @ 8" O.C. (EVERY CELL)	USE TYPE 'S' FINE GROUT w/ A SLUMP OF 10"-11" FOR A "HIGH LIFT" GROUT POUR GROUT POUR HEIGHT NOT TO EXCEED 12'-8"
6 (A1085 / A 500 Grade B)	
R DETAILS (A1085 / A 500 Grade B)	
(A1085 / A 500 Grade B)	
(A1085 / A 500 Grade B)	
NG SEAM METAL ROOF PANELS	
E.	



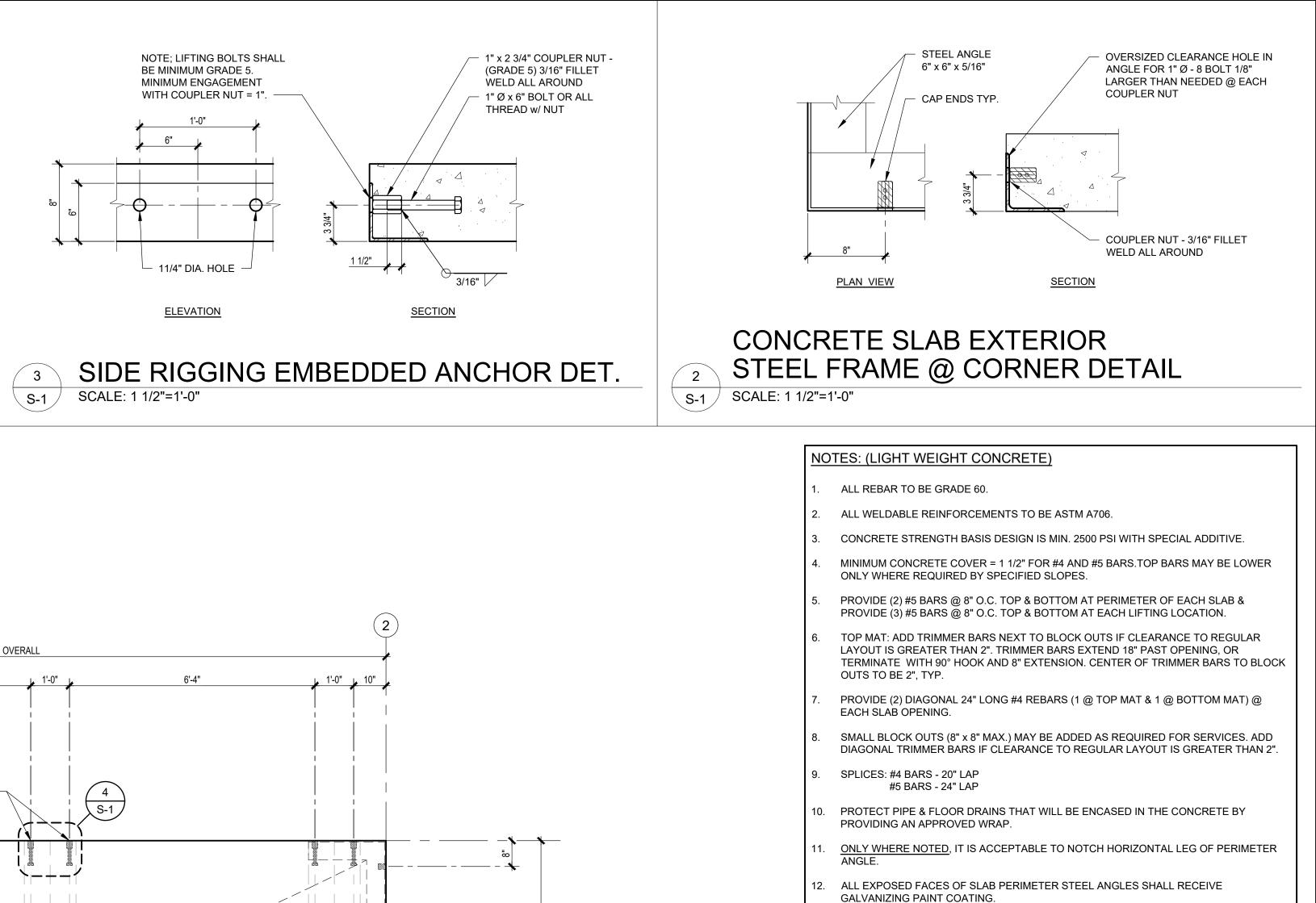
No.	Description	Date	CONSTRUCTION DOCUMENTS 05/23/2023	COPYRIGHT 2023, MATERIAL IS THE RESTROOM CO REPRODUCED, US EXCEPT AS AU
				<u>FI</u>
				.H. BAND
				TYPE OF SERVICEANITARY RAINAGEBELOW GROUNDANITARY ENTABOVE GROUNDBELOW GROUNDABOVE ROOF
				PIPE SCHEDULE
				 FLOOR DRAIN - 3" VENT CAP
				TY. COMPONENT

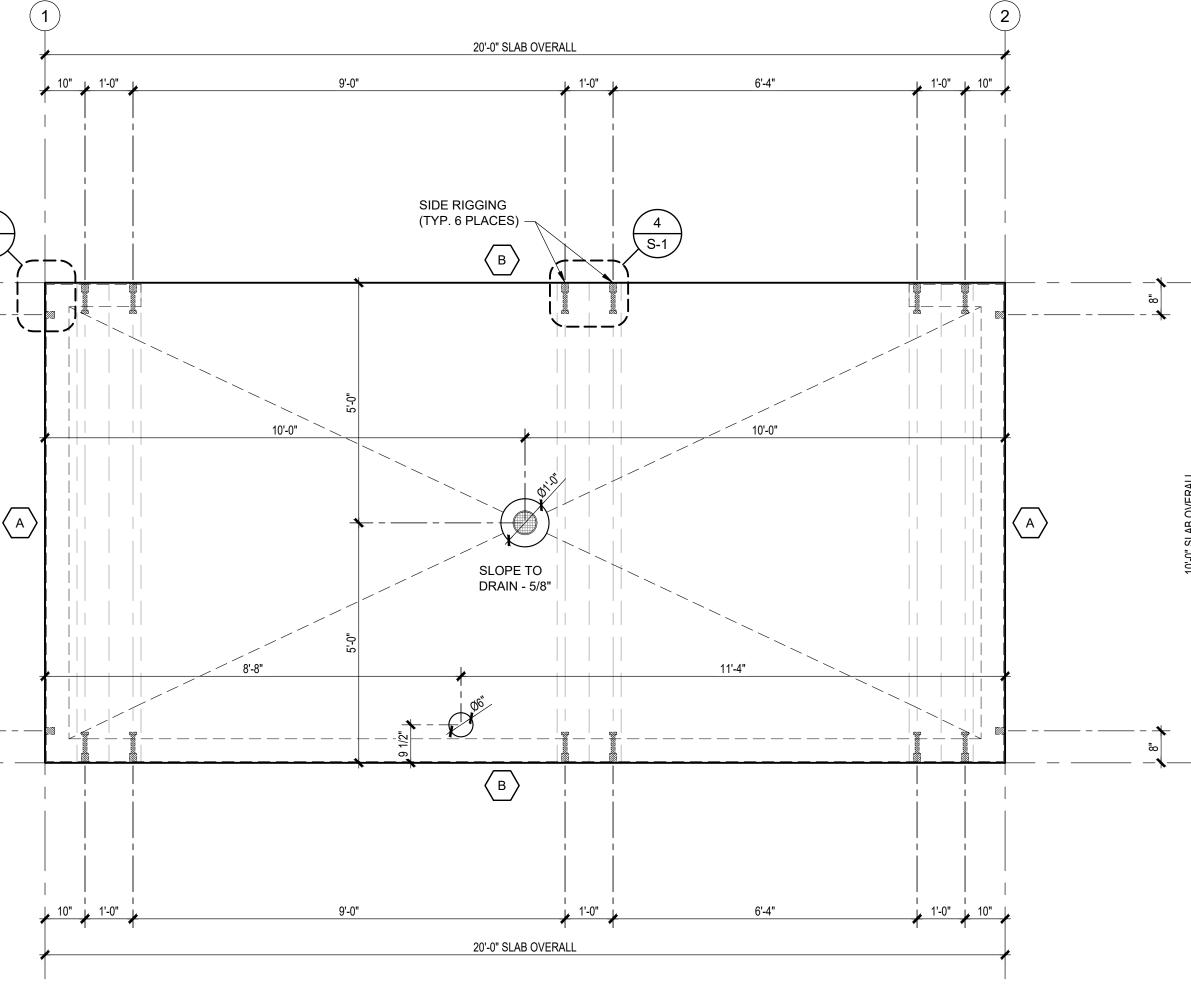




			(A)	
			F	
			10-0" SLAB OVERALL	A
			B	\$ ∞ ↓
No.	Description	Date	1	
110.			CONSTRUCTION DOCUMENTS	COPYRIGHT 2023, PUBLI MATERIAL IS THE EXCLI RESTROOM COMPA

05/23/2023





CONCRETE SLAB PLAN S-1 SCALE: 1/2"=1'-0"

IC RESTROOM COMPANY THIS USIVE PROPERTY OF PUBLIC RESTROOM COMPANY AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY THE WRITTEN PERMISSION OF PUBLIC RESTROOM COMPANY

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PROJECT OWNER:

HOMEFED CORPORATION Carlsbad, CA

PROJECT NAME AND LOCATION:

OTAY RANCH VILLAGE 8 Chula Vista, CA

SLAB LOADS SCHEDULE MARK LOCATION VERTICAL LOAD LATERAL LOAD $\langle A \rangle$ WALL LINE (GRID) 1 & 2

660 - PLF

380 - PLF

NOTE: SCHEDULE VALUES PER ASD LOAD COMBINATION

FLOOR FINISH SCHEDULE: • LIGHT BROOM FINISH - SEALED

WALL LINE (GRID) A & B

 $\langle B \rangle$

Department of Housing >hula Development approved Expiration Date 8/31/2024 l m STRUCTURAL ONLY m M. (ALALA No.60484 VH ∞ Ш ר) RST#23059-01 DO NOT SCALE - DIMENSIONS PRESIDE 24x36 SHEET = SCALE AS NOTED 11x17 SHEET = NTS Z PD Job No. 11385B

 \cap

SHEET TITLE:

CONCRETE SLAB PLAN & DETAILS

Drawn by: Checked by: Current Date: Start Date:

JC / KM 05/23/2023 03/02/2023

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290 - LBF

330 - LBF

APPROVED BY RADCO a CA

And Community

third party design approval agency

DM920272

APPROVAL NO.

591-1255

egress are the responsibility of others.

PROFESS/OW

EXP: 06.30.2024

CIVIL STATE OF CALIFORN

05/24/2023

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5-

Approval Date 5/24/2023



CODE COMPLIANCE

APPLICABLE CODES:

OCCUPANCY & USE:

FIRE SPRINKLERS:

HEIGHT & STORIES: BUILDING HEIGHT

BUILDING AREA:

CLIMATE ZONE

PRC JOB NUMBER:

BUILDING MODEL NUMBER:

NUMBER OF BUILDING MODS

NUMBER OF STORIES

TYPE OF CONSTRUCTION:

FIRE SEPARATION DISTANCE:

- 2022 CALIFORNIA BUILDING CODE
- 2022 CALIFORNIA PLUMBING CODE 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA GREEN CODE
- 2022 CALIFORNIA ENERGY CODE
- ADA TITLE II (28 CFR PART 35) & 2010 ADAS APPLICABLE TO STATE & LOCAL GOVERNMENT SERVICES, PROGRAMS & ACTIVITIES

U (WITH ACCESSIBILITY PROVISIONS FOR RESTROOMS)

V-B

NO

10' OR GREATER ON ALL SIDES

12'-5" (40'-0" ALLOWED) 1 STORY (1 STORY ALLOWED)

484 s.f. (5,500 ALLOWED)

11385A

PS-033-ST-CUSTOM

GENERAL NOTES

- THE STRUCTURAL DESIGN DETAILS HEREIN ARE SPECIFIC TO THE BUILDING SIZE AND MODULE CONFIGURATION SHOWN ON THE FLOOR PLAN OF THESE DRAWINGS.

- LOCATION OF THIS BUILDING SHALL MEET REQUIRED PROPERTY CODE SETBACKS PER LOCAL JURISDICTION.

- ACCESSIBILITY TO THIS STRUCTURE SHALL BE IN CONFORMANCE WITH LOCAL CODE

INCLUDING ALL PATHWAYS, RAMPS AND PATHS OF TRAVEL FROM PARKING TO THE BUILDING. - SOIL BEARING REQUIREMENT IS 1500 PSF, SUB GRADE COMPACTION AT 90%. SITE BUILDING

PAD PREPARATION BY OTHERS.

- ALL DIMENSIONS HEREIN ARE NOMINAL AND SUBJECT TO CHANGE AS LONG AS THEY DO NOT VIOLATE CODE.

- THIS BUILDING IS NOT DESIGNED TO BE HEATED OR COOLED FOR OCCUPANT COMFORT AND DOES NOT CONFORM WITH TITLE 24 MINIMUM INSULATION REQUIREMENTS.

- THIS BUILDING IS NOT DESIGNED TO BE LOCATED IN A WUI (WILDLAND URBAN INTERFACE) FIRE AREA.

- ALL WORK REQUIRED TO BE COMPLETED ON SITE SUBJECT TO LOCAL REVIEW, APPROVAL AND INSPECTION BY LOCAL AHJ. OWNER / GENERAL CONTRACTOR RESPONSIBLE FOR ALL INSPECTIONS.

a. SITE CONCRETE FOUNDATION (IF APPLICABLE)

b. COMPACTED BUILDING PAD

- c. UNDER SLAB UTILITY PIPING (SEE NOTE)
- d. ELECTRICAL CONNECTION
- e. WATER SUPPLY CONNECTION
- f. SEWER (DWV) CONNECTION

g. CONCRETE WALKWAY COMPLIANT WITH PATH OF TRAVEL FROM ACCESSIBLE PARKING NOTE: PUBLIC RESTROOM COMPANY WILL ONLY FURNISH AND INSTALL UNDERGROUND UTILITIES (UNDER SLAB) EXTENDING 6 FEET (MAX.) BEYOND THE BUILDING LINE. MIN. OF 24" -MAX. OF 36" BELOW GRADE - U.N.O. ALL UTILITY BOXES TO BE PROVIDED BY OTHERS.

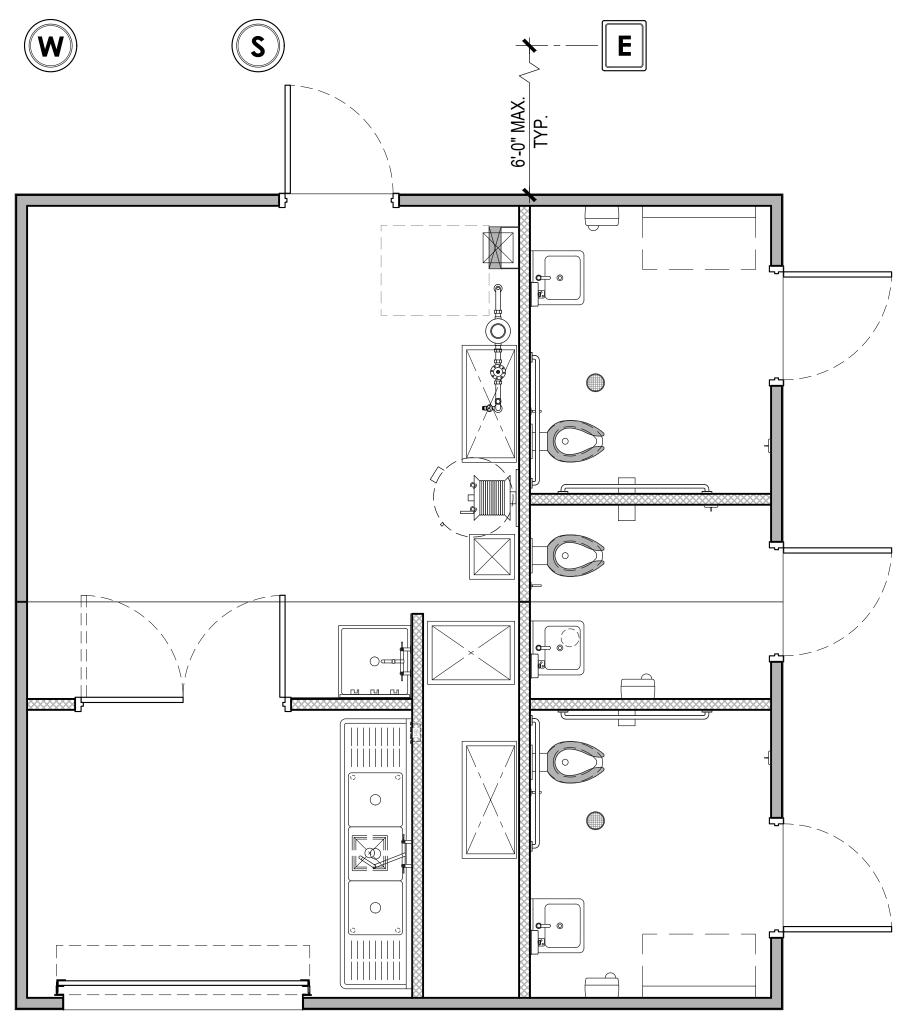
- SITE INSTALLATION DETAILS ARE NOTED ON SHEETS S-1 FOR STRUCTURAL CONNECTIONS, A-2 FOR WEATHERIZATION FINISH, P-1 FOR PLUMBING CONNECTIONS & E-1 FOR ELECTRICAL CONNECTIONS IN ACCORDANCE w/ SECTION 4368.

- a. SERVICE HOOKUPS (PLUMBING AND ELECTRICAL CONNECTIONS).
- b. PATCH AND FINISH AT CRANE PICK LOCATIONS AS NEEDED

c. INSTALL AND CONNECT PLUMBING DRAIN TRAPS ASSEMBLIES

- d. INSTALL ROOFING @ MOD LINE.
- e. INSTALL LIGHT FIXTURE @ MOD LINE.
- f. INSTALL MOD LINE CONNECTORS

No.	Description	Date		COPYRIGHT 2023
No.			CONSTRUCTION DOCUMENTS	RESTROOM C
			05/16/2023	REPRODUCED, EXCEPT AS A
				PERMISSION O
	No.	No. Description	No. Description Date	CONSTRUCTION DOCUMENTS



Utility Location

NOTE: FINAL LOCATIONS OF P.O.C. TO BE COORDINATED WITH P.R.C. AND TO BE CONFIRMED ON SITE . UTILITY BOXES TO BE PROVIDED BY OTHERS



DESIGNER / DEALER:

PHONE:

E-MAIL:

FAX:

PUBLIC RESTROOM COMPANY

(888) 888-2060

(888) 888-1448

chad@publicrestroomcompany.com

2587 Business Parkway

CONTACT: Chad Kaufman

Minden, NV 89423

PROJECT INFORMATION

SITE ADDRESS: OTAY RANCH VILLAGE 8 - La Media North & Main Street West, Chula Vista, CA 91911

R & S TAVARES ASSOCIATES

CONTACT: Mariana Cardoso

PHONE: (858) 444 3344

San Diego, CA 92127

POSITION: Controller

1590 W. Bernardo Court, Suite 100

STRUCTURAL ENGINEER:

EMAIL:

PROJECT OWNER: HOMEFED CORPORATION 1903 Wright Place #220 Carlsbad, CA 92008 CONTACT: Don Ross POSITION: Project Manager PHONE: (760) 219-1159 EMAIL: dross@hfc-ca.com

CONSULTANT - LANDSCAPE ARCHITECT: TRIBUTARY LA, INC. 2725 Jefferson Street - Suite 14 Carlsbad, CA 92008 CONTACT: Kari Kiehnau **POSITION:** Architect PHONE: (608) 513-2903 E-MAIL: kari@trib-la.com

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SHE	EETS	PM PLAN REVIEW - 03/14/2023	PRC PLAN REVIEW - 03/20/2023	STRUCTURAL REVIEW - 03/22/2023	CONSTRUCTION DOCUMENTS - 05/16/2023		
T-1	TITLE SHEET		ullet				
AC	ACCESSIBILITY COMPLIANCE						
A-1	FLOOR PLAN, STRUCTURAL DESIGN & SCHEDULES						
A-1.1	ROOF FRAMING PLAN, BUILDING SECTIONS & FASTENING SCHEDULE						
A-2	EXTERIOR ELEVATIONS & FINISH SCHEDULE						
A-3	INTERIOR ELEVATIONS & SCHEDULES						
P-1	PLUMBING PLANS, SCHEDULES & DETAILS						
E-1	ELECTRICAL PLAN & SCHEDULES						
S-1	CONCRETE SLAB PLAN & DETAILS						

DESIGN LOADS

STRUC	TURAL D	ESIGN CRITERIA	
GRAVITY LOADS		SEISMIC	
FLOOR LIVE	100 psf	SEISMIC DESIGN CATEGORY	D
FLOOR DEAD	100 psf	SITE CLASS	D
ROOF LIVE	20 psf	IMPORTANCE FACTOR	1.0
ROOF DEAD	10 psf	RISK CATEGORY	II
EXTERIOR WALL DEAD	30 psf	MAPPED ACCELERATIONS	
		S _S	0.771
		S ₁	0.279
SNOW		SPECTRAL RESPONSE	
GROUND SNOW, P _g	0 psf	S _{DS}	0.617
FLAT-ROOF SNOW, P _f	0 psf	S _{D1}	0.380
IMPORTANCE FACTOR, Is	1.00	SEISMIC FORCE RESISTING SYSTEM	A7
EXPOSURE FACTOR, Ce	1.00	DESIGN BASE SHEAR	0.123W
THERMAL FACTOR, C _t	1.00	RESPONSE MODIFICATION FACTOR	5.0
		ANALYSIS PROCEDURE	ASCE7-16
NIND			
ULTIMATE WIND SPEED, Vult	97 mph		
EXPOSURE CATEGORY	С	FLOOD	
RISK CATEGORY	II	BUILDING SHALL NOT BE LOCATED, IN WH	IOLE OR IN
INTERNAL PRESSURE, Gcpi	+/- 0.18	PART, IN A FLOOD HAZARD AREA AS ESTA	
MEAN ROOF HEIGHT	15 Ft	BY THE AUTHORITY HAVING JURISDICTION	
		SET ON A FOUNDATION DESIGNED IN ACC	
		WITH ASCE/SEI 25. THE FLOOD RESISTAN FOUNDATION SHALL BE DESIGNED BY A R	
BUILDING SHALL NOT BE PLAC	ED ON THE	DESIGN PROFESSIONAL AND CONSTRUCT	
UPPER HALF OF A HILL OR ESC		RESIST ALL FLOOD LOADS WITHOUT TRAN	
EXCEEDING 15 FEET IN HEIGH	Г	LOADS TO THE MODULAR STRUCTURE.	

			3		
			S ₁	0.279	
			SPECTRAL RESPONSE		
GROUND SNOW, P _g	0 psf		S _{DS}	0.617	
FLAT-ROOF SNOW, P _f	0 psf		S _{D1}	0.380	
IPORTANCE FACTOR, I_s	1.00	SEISMIC	FORCE RESISTING SYSTEM	A7	
EXPOSURE FACTOR, C _e	1.00		DESIGN BASE SHEAR	0.123W	
THERMAL FACTOR, C _t	1.00	RESPO	NSE MODIFICATION FACTOR	5.0	
			ANALYSIS PROCEDURE	ASCE7-16	
MATE WIND SPEED, Vult	97 mph				
EXPOSURE CATEGORY	С	FLOOD			
RISK CATEGORY	Ш		HALL NOT BE LOCATED, IN WH		APPRO
ERNAL PRESSURE, Gcpi	+/- 0.18		LOOD HAZARD AREA AS EST		BY RADCO
MEAN ROOF HEIGHT	15 Ft	,	HORITY HAVING JURISDICTIO		Department o
		SET ON A FO	DUNDATION DESIGNED IN ACC	CORDANCE	And Comr
			SEI 25. THE FLOOD RESISTAN		Development
LDING SHALL NOT BE PLA			N SHALL BE DESIGNED BY A F		third party approval a
PER HALF OF A HILL OR E			DFESSIONAL AND CONSTRUC FLOOD LOADS WITHOUT TRA	-	DM920
CEEDING 15 FEET IN HEIG			HE MODULAR STRUCTURE.		Approval Date
					5/17/2023
					APPROVA
					591-12
COMPONE	NTS & CL	ADDING W	/IND LOADS		STRUCTUR/
		ZONE	INTERIOR ZONE		compliance including but not limited to allo egress are the responsib
COMPONENT	q) (p	osf)	(psf)		
WINDOWS & SIDING	+25.1	/ -25.1	+20.4 / -20.4		
DOORS	+25.1	/ -25.1	+20.4 / -20.4		
ROOF CLADDING	+43.2	/ -43.2	+32.7 / -32.7		PROFESS/C
ROOF OVERHANGS	+58.8	/ -58.8	+43.2 / -43.2		M. TA
					man



11385A

PD Job No.

JC / KM

05/16/2023

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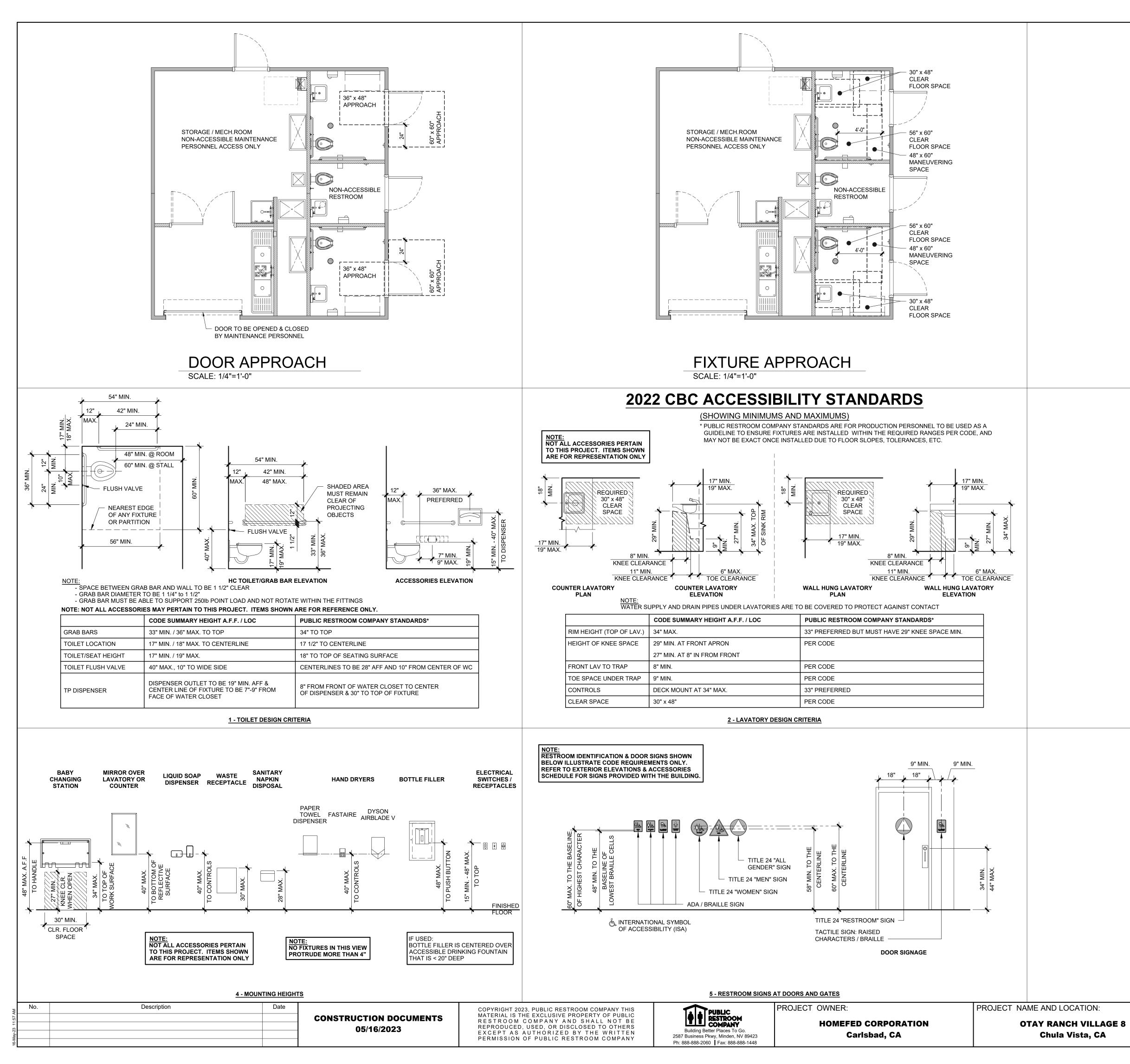
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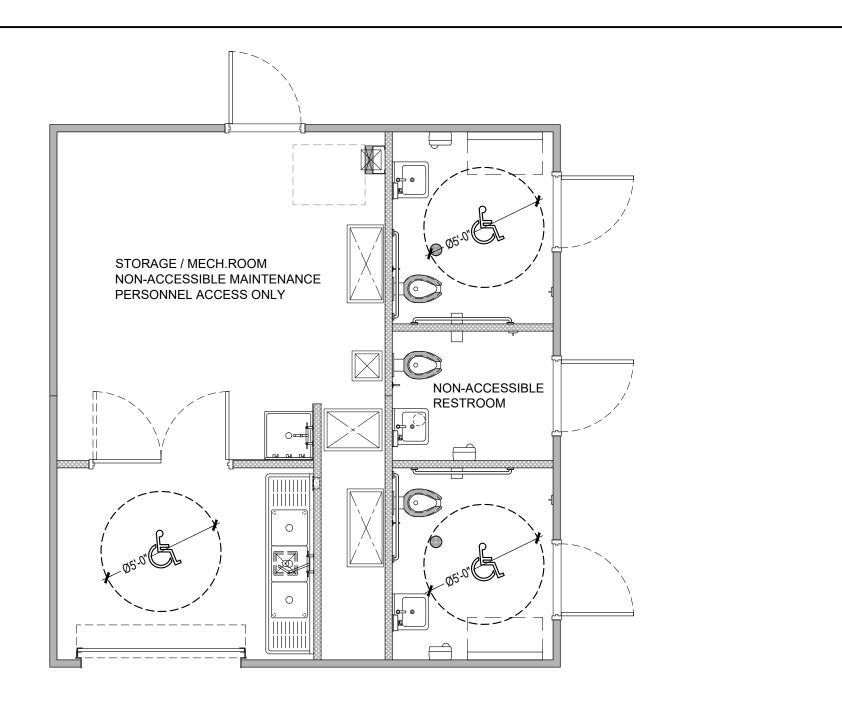
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SHEET TITLE:

TITLE SHEET

Drawn by: Checked by: Current Date: Start Date: 02/22/2023





TURNING SPACE SCALE: 1/4"=1'-0"

3 - NOT USED

APPROVED BY RADCO a CA Department of Housing And Community Development approved third party design approval agency DM920272 Approval Date Expiration D 5/17/2023 APPROVAL NO.

DO NOT SCALE - DIMENSIONS PRESIDE 24x36 SHEET = SCALE AS NOTED 11x17 SHEET = NTS

AU

8/31/2024 591-1254

m R ∞ 7 PD Job No. 11385A

<u>6 - NOT</u>	USED

ACCESSIBILITY COMPLIANCE

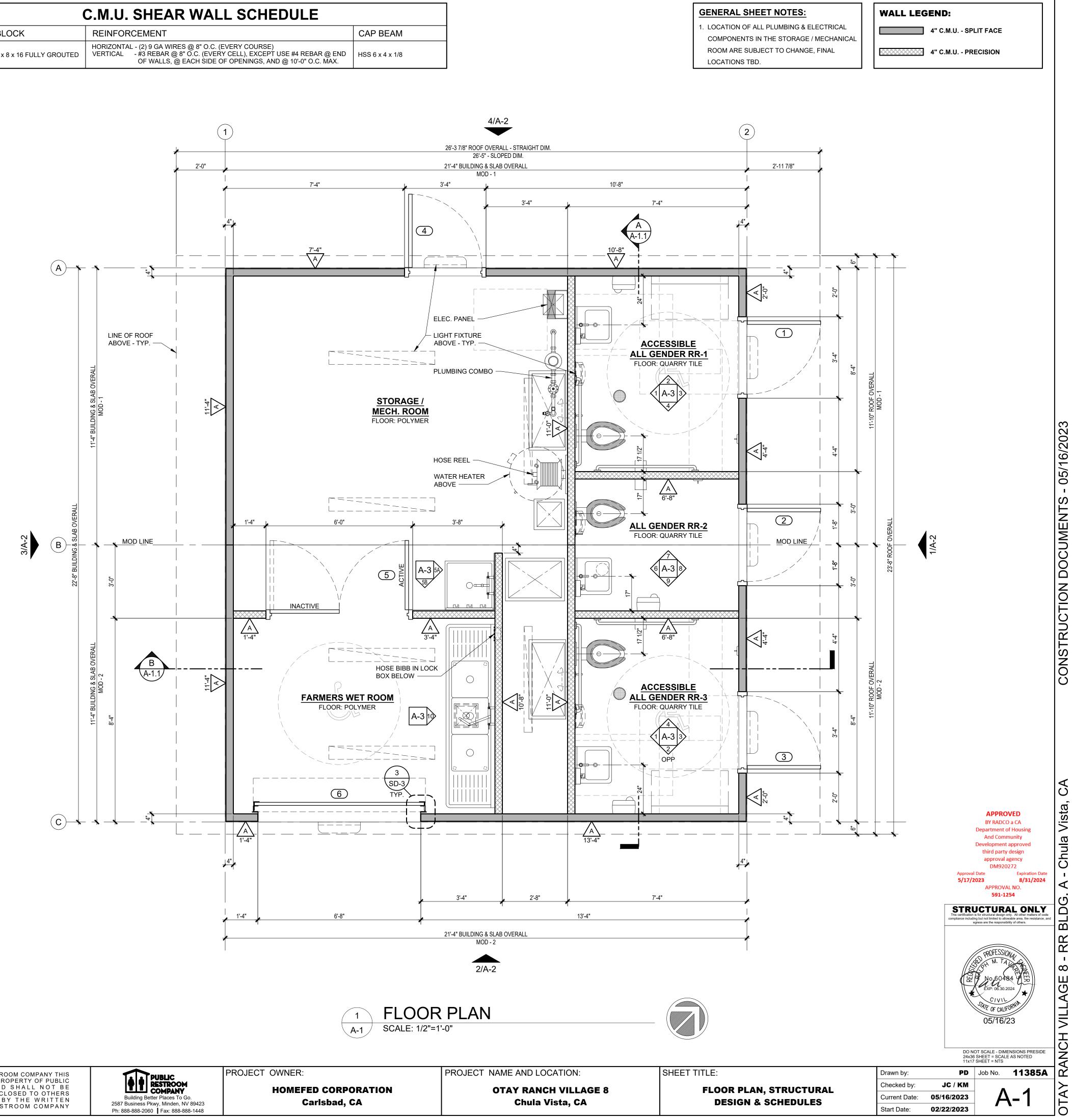
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Checked by: Current Date: Start Date:

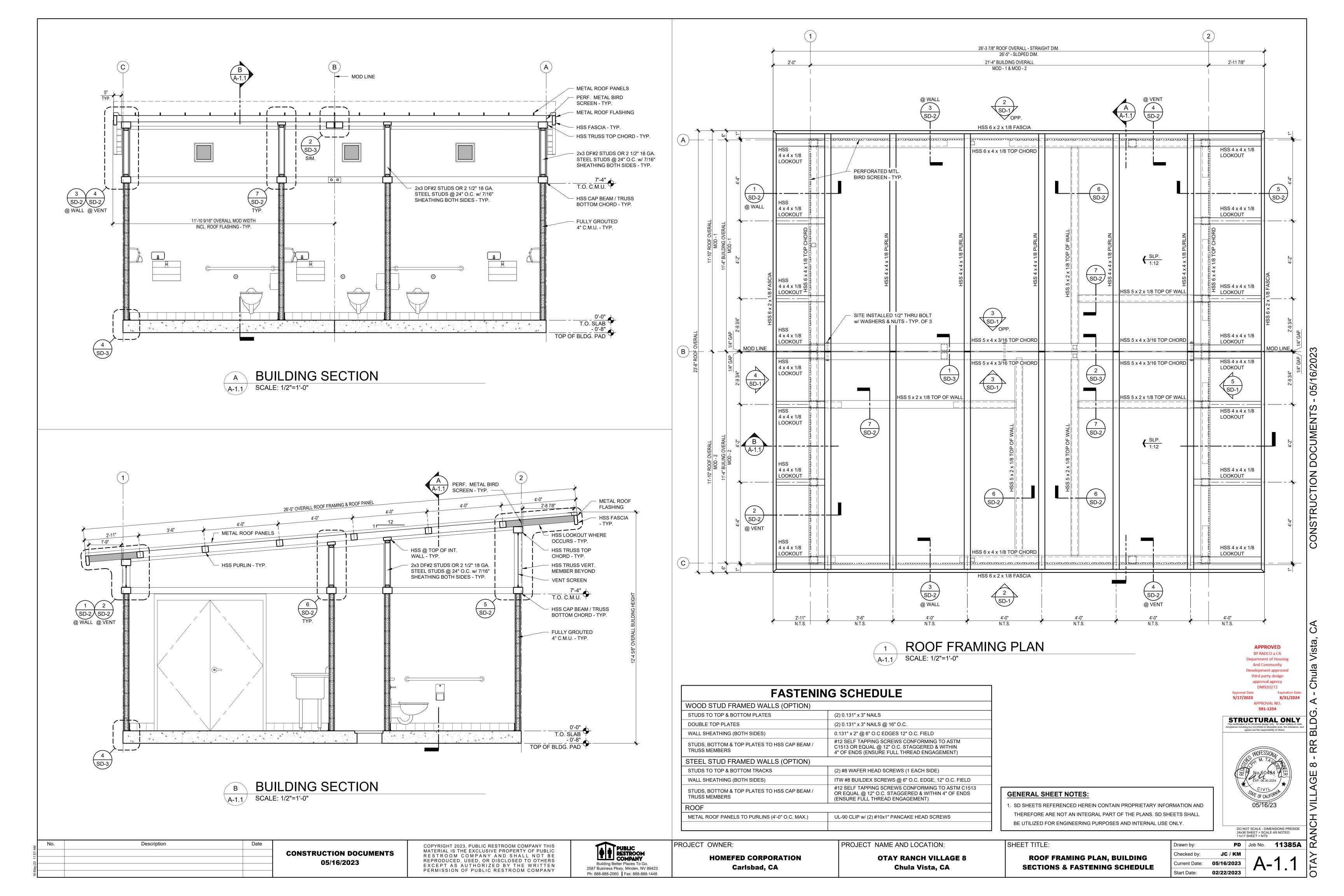
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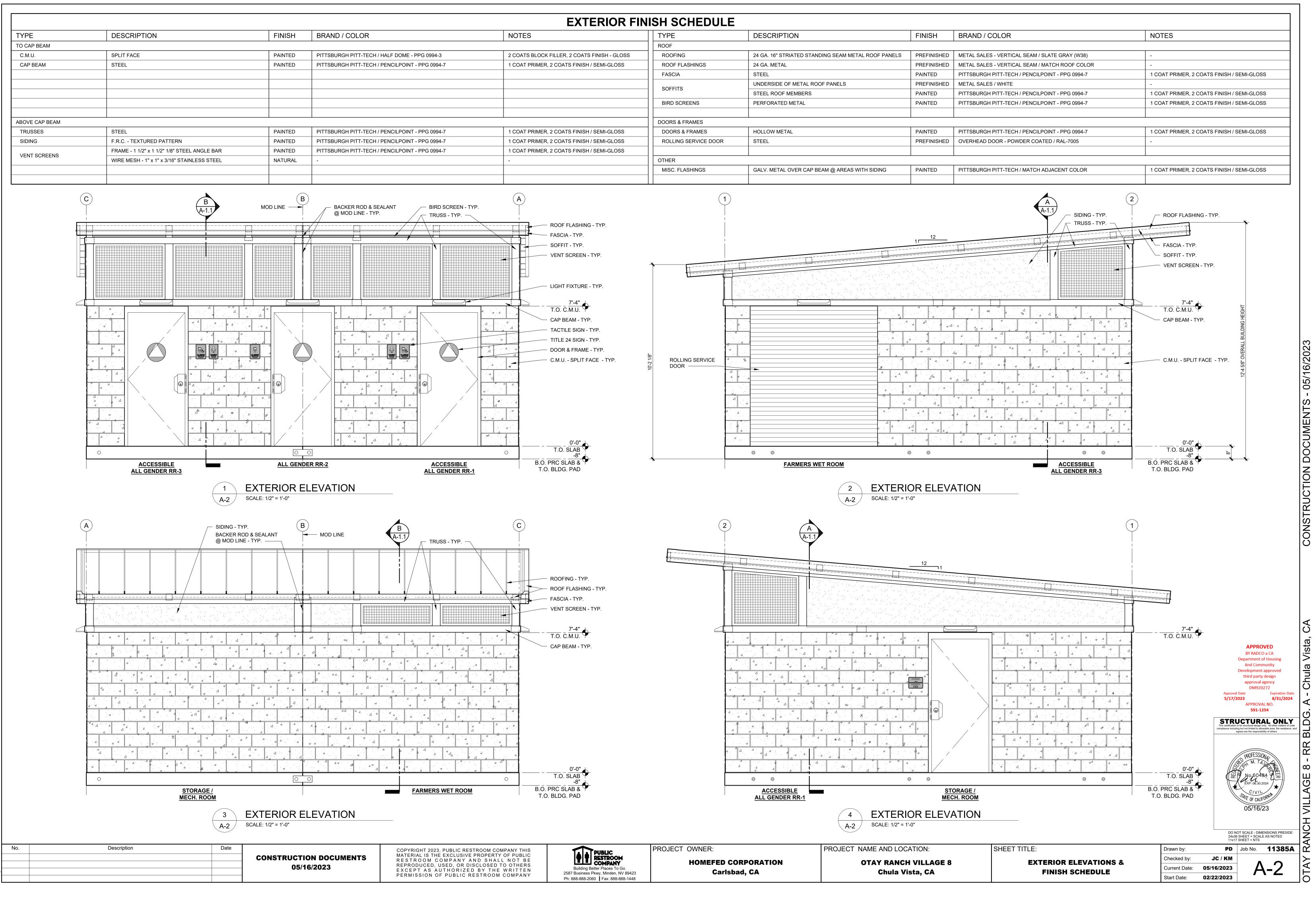
	DOOR	R. FRA	ME & I	HARDW	ARE SCH	EDULE							C.M.U.	SHEA	R WALI	LSCHEDULE		
	1	2	3	4	5.a 5.b	5.b		5.d	6	MARK	BLOCK						CAP BEAM	
NO. ROOM NAME	SIZE DOC TYF			LOCK CI	OSER OUTSIDE	TE PUSH PLATE		WEEP OTH	HER		4 x 8 x 16 FUL	LY GROUTED	HORIZONTAL VERTICAL	- #3 REBAR @		CELL), EXCEPT USE #4 REBAR @ EI		
ACCESSIBLE ALL GENDER RR-1	3'-0" x 7'-0" 1.a	a 2.a	3.a	4.a	YES YES	YES	5.c.1	NO	-					OF WALLS, @	@ EACH SIDE OF	OPENINGS, AND @ 10'-0" O.C. MAX.		
2 ALL GENDER RR-2		a 2.a	3.a	4.a	YES YES	YES	5.c.1	NO	-									
ALL GENDER RR-3	3'-0" x 7'-0" 1.a	a 2.a	3.a	4.a	YES YES	YES	5.c.1	NO	-									
4 MECH. ROOM	3'-0" x 7'-0" 1.a		3.a	4.a	NO YES	YES		6.2	5.a , 6.b,						(1			
5 MECH. ROOM	2'-10" x 7'-0"		3.a SERVICE DO	4.b DR, OVERHEAD	NO NO DOOR MODEL 610 w/ 0	NO -187 SLATS & FACE	NO -OF-WALL MO	NO 6	6.c					-	¢			26'-3 7/8"
WET ROOM					ONLY. 6'-8" x 7'-4" IS										2'-0"	¢		21'-4" BU
<u>SPECS:</u> 1. DOOR TYPES: a) 14 GA. GALVANIZE 2. DOOR FRAMES: a) 4 3/4" WIDE 14 GA. 3. HINGE: a) PEMKO KCFM-83" STAINLESS STEEL	. GALVANIZED HOL HD (OR EQ.) CONTI	LOW METAL (3								<u>4"</u> <u>4"</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>		<u>3'-4"</u>
4. LOCK: a) DEADBOLT: SCHLA FULL SIZE INTERC <u>AND</u> UNLOCKS b) LEVER: SCHLAGE FULL SIZE INTERC LOCKS AND UNLO 5. HARDWARE: a) CLOSER: LCN 4217 b) PUSH / PULL PLAT BLACK COOL COA	HANGEABLE CORE ND66PD SPA 626 W HANGEABLE CORE CKS 1 (CUSH ARM) ES: ROCKWOOD V	E (FSIC), ADA 1 VITH TEMPORA E (FSIC), KEYE	THUMB TURN ARY CONSTRI D BOTH SIDE	LOCKS JCTION S		<u>2'-1</u>	0" ACTIVE INACTIVE	2'-10"					LINE OF ABOVE					ELEC. PAN
c) THRESHOLD: 1) PEMKO 229 2) PEMKO 270 d) SWEEP: PEMKO 32 6. OTHER: a) CHECK CHAIN: IVE b) WALL STOP: IVES c) LOCK INACTIVE LE LEAF TO RECEIVE	9A (OR EQ.) 9A (OR EQ.) 21 SSN (OR EQ.) ES CS115-25 (OR EQ WS449 626 (OR EQ EAF WITH FLUSH B	.) - BOTH LEAN	ES ON DBL.	DOORS		6'-8"	SIZE						11'4" BUILDING & SLAB OVERALL MOD - 1	ר 	11'-4"		STORAGE / MECH. ROOM FLOOR: POLYMER	
					D	OTE: IMENSIONS ARE FOI NLY, FRAMES ARE N		D.										HOSE REE WATER HE ABOVE —
		ST	RUCT	URAL I	DESIGN							ERALL						
COMPONENT	DESCR	IPTION	SPECIF	C MATERIA	L LIST		NOTES) LAB OVE				<u>6</u>	-0"	3'-8"
SLAB PERIMETER FRAMEWORK	K STRUCTU	RAL STEEL	L 6"x6"x5/1	6"							3/A-2	B-se SNI		<u>DD LINE</u>				
REINFORCEMENT CONCRETE REBAR CONNECTION TO CONCRETE SLAB	8" MAT DE STARTER CONNECT CONCRET BE WITH 2	BARS	DESIGN BA	ADE 60 TOP: 8" ASIS IS MIN. 250 A7+ EPOXY (OF		: 16" O.C. EACH WAY	NOTE #1 USE OF AE ANCHORA PROVISION	GE SYSTEM E NS OF CODE SR-3903 AND TURER				22'-8" BUILI	30"			A 1'-4"		3 5A
WALLS													/ERALL					
FRAMING (EXT.)		0.01/											NG & SLAB OV MOD - 2	A-1.1			HOSE BIBB IN LO BOX BELOW —	ОСК
TO CAP BEAM	C.M.U. BL	OCK	FINE GROU REINFORC HORIZONT	JT. ING: AL - (2) 9 GA WII - #3 REBAR @ #4 REBAR @	CK. GROUT EVERY CE RES @ 8" O.C. (EVERY @ 8" O.C. (EVERY CELI @ END OF WALLS, @ E AND @ 10'-0" O.C. MA	COURSE)), EXCEPT USE ACH SIDE OF	w/ A SLUM A "HIGH LI	'S' FINE GROU IP of 10"-11" F FT" grout Po Dur Height N D 12'-8"	FOR OUR.				11'-4" BUILDING & MOD 8'-4"		114		S WET ROOM R: POLYMER	
CAP BEAM	STEEL WOOD			< 1/8 (A1085 / A 5 OR BETTER STU	•												===	
ABOVE CAP BEAM (OPTIC			2 1/2" 18 G		STUDS @ 24" O.C.													
FRAMING (INT.)				, 2010 													$ \frac{3}{\text{SD-3}}$ $ -$	ı <u> </u>
TO CAP BEAM	C.M.U.BLC	DCK	FINE GROU REINFORC HORIZONT	JT. ING: AL - (2) 9 GA WII - #3 REBAR (#4 REBAR (CK. GROUT EVERY CE RES @ 8" O.C. (EVERY @ 8" O.C. (EVERY CELI @ END OF WALLS, @ E AND @ 10'-0" O.C. MA	COURSE)), EXCEPT USE ACH SIDE OF	w/ A SLUM A "HIGH LI	'S' FINE GROU IP OF 10"-11" F FT" GROUT P DUR HEIGHT N D 12'-8"	FOR OUR.			C				E		
CAP BEAM	STEEL WOOD			< 1/8 (A1085 / A 5												4"		
ABOVE CAP BEAM (OPTIC	ON) STEEL		2 1/2" 18 G	DR BETTER STU A. GALV. STEEL 3 STUDS, 25012	STUDS @ 24" O.C.										+	1		3'-4
ALL FRAMED WALLS	WOOD		7/16" SHEA	THING BOTH SI	DES		NOTE #2								' 	<u> </u>	-8"	
ROOF																′1 ∕	٩	21'-4" BL
TRUSSES	STEEL				A1085 / A 500 Grade B)													
PURLINS LOOKOUTS	STEEL STEEL			< 1/8 (A1085 / A 5	•													
FASCIA	STEEL METAL			(1/8 (A1085 / A 5	00 Grade B) ETAL ROOF PANELS													
ROOFING <u>NOTES:</u> 1. INTEGRAL ADDITIVES FOF 2. PAINT WALL SHEATHING F	R MOISTURE, STAIN		SION RESIST	ANCE.													1 FLOC A-1 SCALE: 1/2	
No.	Description	1		Date	ĺ			1	J					<u> </u>	r			
110.	Description			Dale		CTION DOCU		COP	PYRIGHT 2	2023, PUBLIC RE	ESTROOM COMF /E PROPERTY C	PANY THIS		PUBLIC RESTRO		PROJECT OWNER:		PROJ



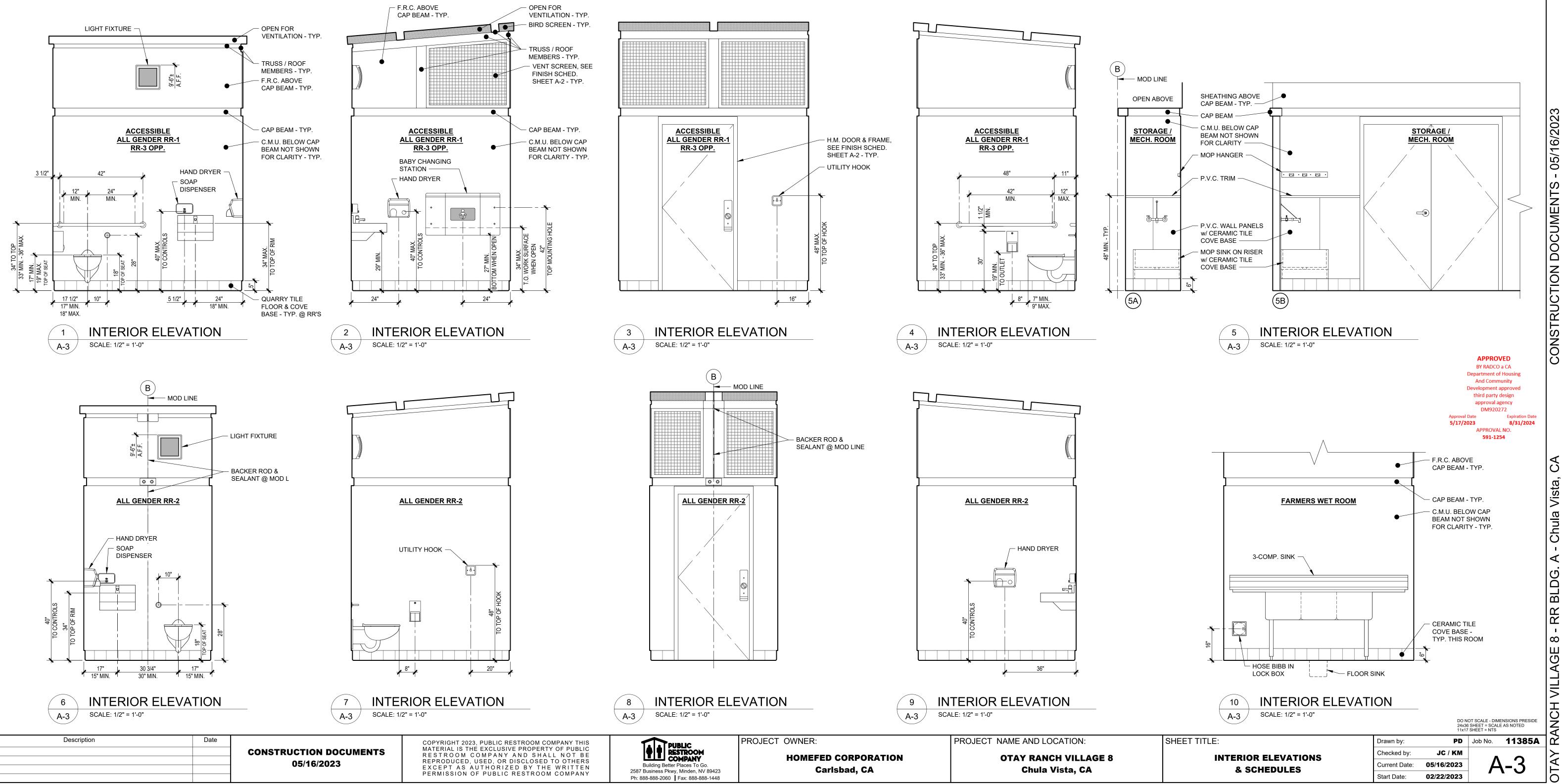
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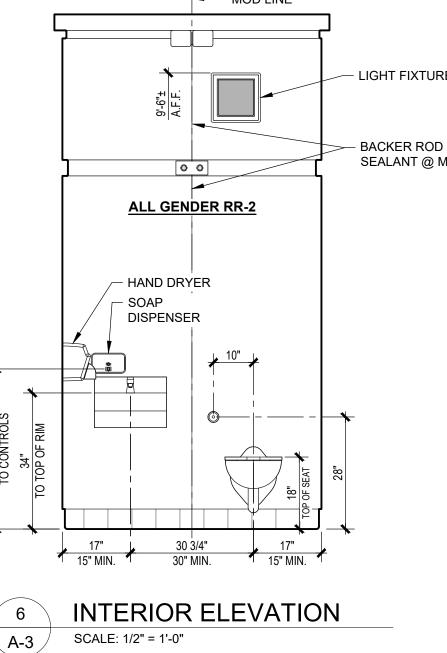


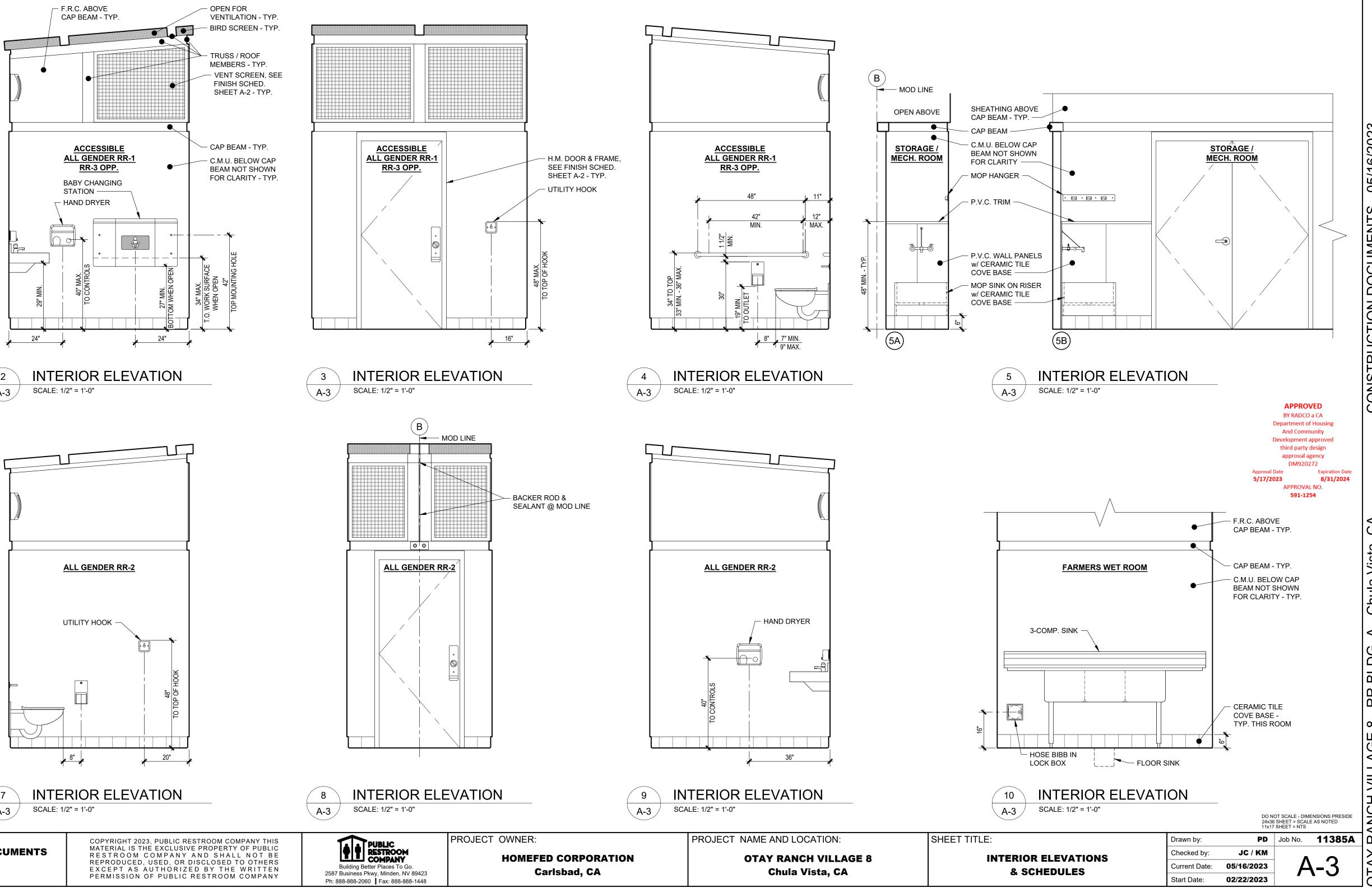




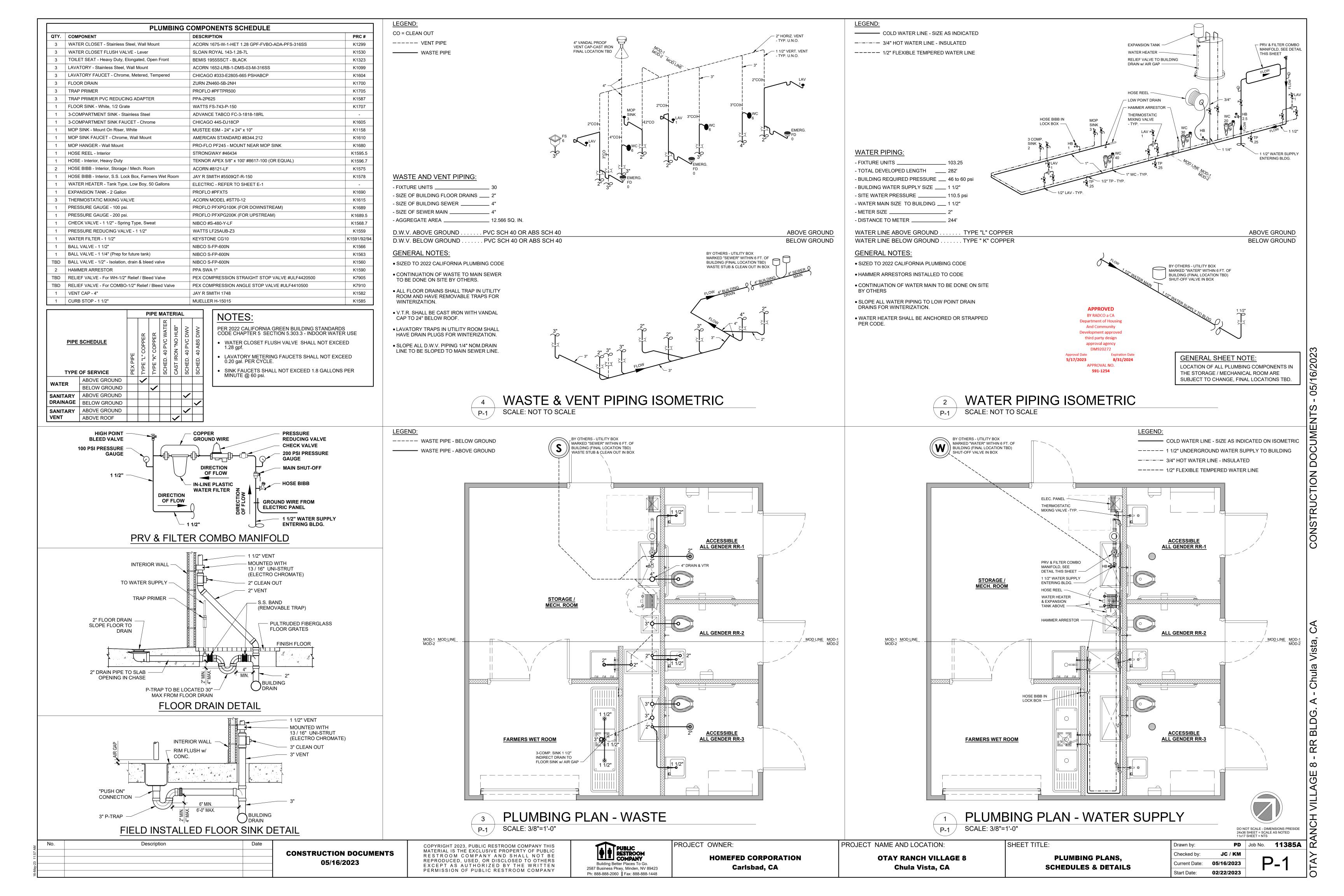
RESTROOM ACCESSORIES & SPECIALTIES MOUNT WITH VANDAL RESISTANT SS SCREWS				INTERIOR FINISH SCHEDULE						
ACCESSORIES	QTY SIZE / STYLE	MANUF. / ITEM #	PRC#	FINISH / COLOR / STYLE	NOTES	COMPONENT	DESCRIPTION	FINISH	BRAND / COLOR	NOTES
GRAB BAR	2 42"	BOBRICK B-6806-42 (OR EQ.)	H1118	STAINLESS STEEL	MOUNT 34" A.F.F. TO TOP (33" MIN 36" MAX.)	FLOOR			•	
GRAB BAR	2 48"	BOBRICK B-6806-48 (OR EQ.)	H1119	STAINLESS STEEL	MOUNT 34" A.F.F. TO TOP (33" MIN 36" MAX.)	RESTROOMS	CONCRETE	6x6 QUARRY TILE	DALTILE - QUARRY TEXTURES / ASHEN GRAY - OTO3	EPOXY GROUT COLOR: BISCUIT - 14; DO NOT SEAL CONCRETE
TOILET PAPER HOLDER	3 SURFACE MOUNTED 2-ROLL	BRADLEY 5402	-	STAINLESS STEEL	MOUNT 30" A.F.F. TO TOP	RESTROOMS		6x5 QUARRY COVE BASE	DALTILE - QUARRY TEXTURES / ASHEN GRAY - 0103	EPOXY GROUT COLOR: BISCUIT - 14; DO NOT SEAL CONCRETE
BABY CHANGING STATION	2 SURFACE MOUNTED	FOUNDATIONS 200-EH-01	H1108	STAINLESS STEEL / GRAY POLY	MOUNT 34" MAX. A.F.F. TO TOP OF WORK SURFACE	STORAGE / MECH. ROOM	CONCRETE	POLYMER COATING	CROWN POLYMERS / GRAY	SKID RESISTANT COLOR CHIPS: A1435 - BLUE BLEND #B22-2104
HAND DRYER	3 SURFACE MOUNTED	WORLD DRYER DA52-973	-	STAINLESS STEEL / BRUSHED	MOUNT 40" MAX. A.F.F. TO CONTROLS	FARMERS WET ROOM	CONCRETE	POLYMER COATING	CROWN POLYMERS / GRAY	SKID RESISTANT COLOR CHIPS: A1435 - BLUE BLEND #B22-2104
UTILITY HOOK	3 SURFACE MOUNTED	ACORN 1830	H1144	STAINLESS STEEL	MOUNT 48" MAX. A.F.F. TO TOP OF HOOK	FARMERS WET ROOM	CONCRETE	6x6 CERAMIC COVE BASE	DALTILE - GLAZED CERAMIC - S3619TN / ARCTIC WHITE 0190	EPOXY GROUT COLOR: BISCUIT - 14
SOAP DISPENSER	3 SURFACE MOUNTED	BRADLEY 6542	-	STAINLESS STEEL	MOUNT 40" MAX. A.F.F. TO CONTROLS	WALLS				
SIGN - TACTILE "ALL GENDER RESTROOM" ACCESSIBLE	2 RECESSED	SIGN ELEMENTS	H1315	ALUMINUM BLUE	MOUNT 64" A.F.F. TO TOP - SEE SHEET A-2	RESTROOMS	C.M.U PRECISION	BLOCK FILLER / PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	2 COATS BLOCK FILLER, 2 COATS FINISH / SEMI-GLOSS
SIGN - TACTILE "ALL GENDER RESTROOM"	1 RECESSED	SIGN ELEMENTS	H1310	ALUMINUM BLUE	MOUNT 64" A.F.F. TO TOP - SEE SHEET A-2	CAP BEAM & TRUSSES	STEEL	PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	1 COAT PRIMER, 2 COATS FINISH / SEMI-GLOSS
SIGN - CA TITLE 24 PICTOGRAM "BLANK"	3 12" CIRCLE / TRIANGLE - SURFACE MOUNTED	SIGN ELEMENTS	H1307	BLUE ON SILVER	MOUNT 59" A.F.F. TO CENTER - SEE SHEET A-2	ABOVE CAP BEAM	F.R.C TEXTURED PATTERN	PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	1 COAT PRIMER, 2 COATS FINISH / SEMI-GLOSS
SIGN - TACTILE "BABY CHANGING STATION"	2 RECESSED	SIGN ELEMENTS	H1320	ALUMINUM BLUE	MOUNT 64" A.F.F. TO TOP - SEE SHEET A-2	STORAGE / MECH. ROOM	C.M.U PRECISION	BLOCK FILLER / PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	1 COAT BLOCK FILLER, 1 COAT FINISH / SEMI-GLOSS
SIGN - TACTILE "STORAGE"	1 RECESSED	SIGN ELEMENTS	H1333	ALUMINUM BLUE	MOUNT 60" A.F.F. TO TOP - SEE SHEET A-2	STORAGE / MECH. ROOM	P.V.C. PANELS & TRIM	PREFINISHED	EXTRUTECH PLASTICS / WHITE	BEHIND MOP SINK; CLASS A RATED
SIGN - TACTILE "MECHANICAL ROOM"	1 RECESSED	SIGN ELEMENTS	H1331	ALUMINUM BLUE	MOUNT BELOW "STORAGE" SIGN - SEE SHEET A-2	CAP BEAM & TRUSSES	STEEL	PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	1 COAT PRIMER, 2 COATS FINISH / SEMI-GLOSS
						ABOVE CAP BEAM	WOOD SHEATHING	PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	1 COAT PRIMER, 2 COATS FINISH / SEMI-GLOSS
						FARMERS WET ROOM	C.M.U PRECISION	BLOCK FILLER / PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	2 COATS BLOCK FILLER, 2 COATS EPOXY FINISH / SEMI-GLOSS
						CAP BEAM & TRUSSES	STEEL	PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	1 COAT PRIMER, 2 COATS FINISH / SEMI-GLOSS
						ABOVE CAP BEAM	F.R.C TEXTURED PATTERN	PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	1 COAT PRIMER, 2 COATS FINISH / SEMI-GLOSS
						CEILING				
						ALL ROOMS	UNDERSIDE OF METAL ROOFING	PREFINISHED	METAL SALES / WHITE	-
							STEEL ROOF MEMBERS	PAINTED	PITTSBURGH PITT-TECH / PURE WHITE - 90-374	1 COAT PRIMER, 2 COATS FINISH / SEMI-GLOSS







No.



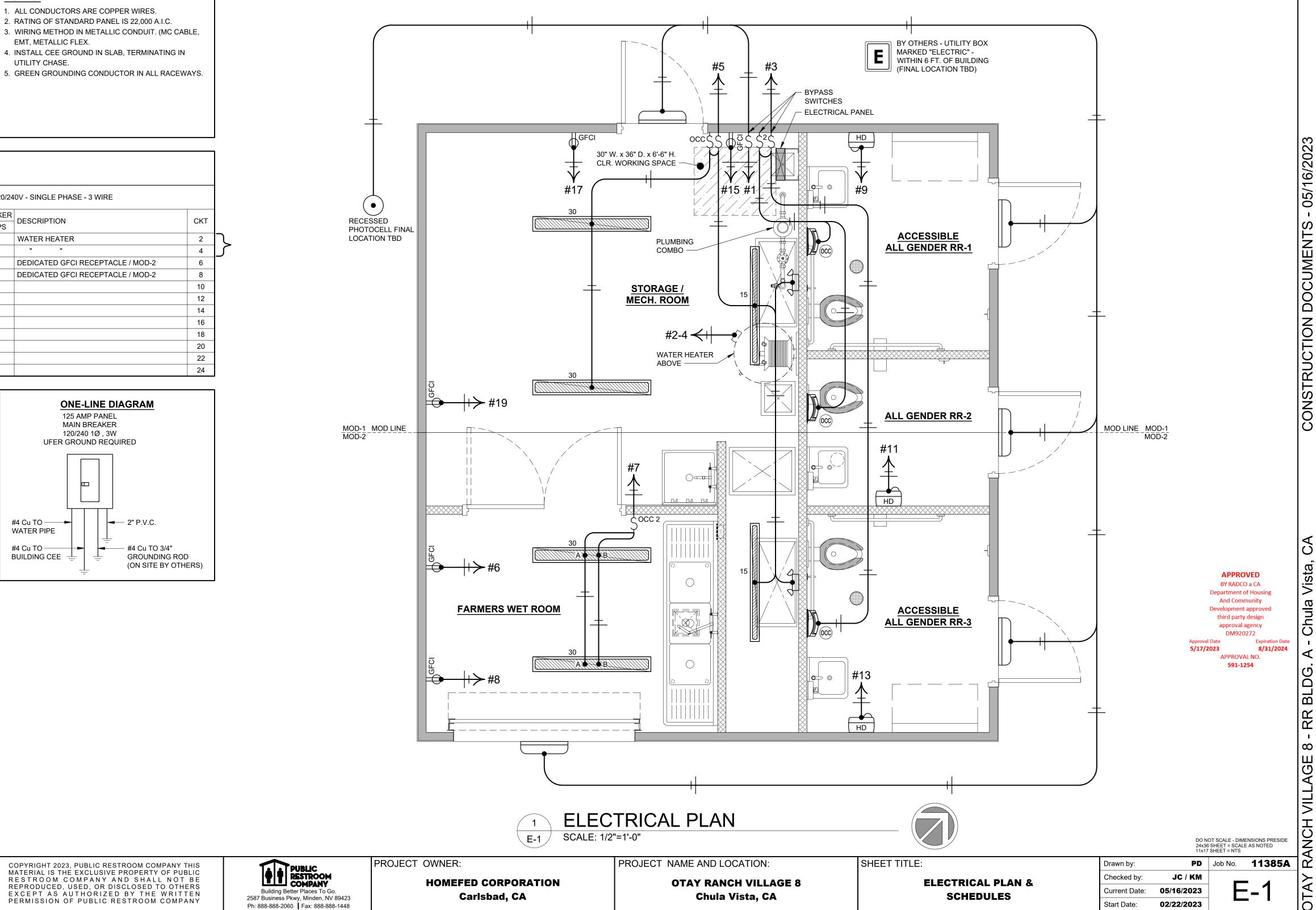
				ELECTRICAL	COMPONENTS SCHEDULE			
SYMBOL		QTY.	RATING	DESCRIPTION	MODEL	HEIGHT	COMMENTS	PRC #
ELECTRICAL PANEL		1	125 AMP MAIN BREAKER	120/240V SINGLE PHASE - 3 WIRE, PLUG-ON BREAKERS, NEMA 1 ENCLOSURE	SQUARE D QO124M125P (OR EQUAL)	72" A.F.F. TOP OF PANEL	FURRED OUT AS NEEDED	-
LIGHT - EXTERIOR		5	10 WATTS	LED - WALL MOUNT, VANDAL RESISTANT, FULL CUT-OFF	LUMINAIRE AEL-12-NODIM-10W-40K-120-DP-BZH	ON CAP BEAM	-	L1153
LIGHT - RESTROOMS		3	15 WATTS	LED - SURFACE MOUNT, VANDAL RESISTANT	LUMINAIRE SWP1212-NODIM-15W-40K-120-OP-BRZ-OCC	SEE SHEET A-3	BUILT-IN OCCUPANCY SENSOR	L1168.5
LIGHT- ST. / M.R. & FARMERS	30	4	30 WATTS	LED T8 (2) TUBE - SURFACE MOUNT, SEALED SHATTERPROOF PLASTIC HOUSING	GREENLIGHTING AL-42L	CEILING MOUNTED	-	L1108
LIGHT- STOR. / MECH. ROOM	27/////////////////////////////////////	2	15 WATTS	LED T8 (1) TUBE - SURFACE MOUNT, SEALED SHATTERPROOF PLASTIC HOUSING	GREENLIGHTING AL-41L	CEILING MOUNTED	-	L1107
EMERGENCY LIGHT		2	3 WATTS	LED - WALL MOUNT	LITHONIA MODEL #ELM2L (OR EQUAL)	ABOVE CAP BEAM	WIRE AHEAD OF SWITCH	L1198
SWITCH	ၚ၀ငင	1	-	SINGLE POLE MANUAL ON/OFF SWITCH WITH OCCUPANCY SENSOR	LEVITON DECORA ODS10-IDW	48" MAX. A.F.F. TO TOP	-	L1879
SWITCH	\$ OCC2	1	-	DOUBLE POLE MANUAL ON/OFF SWITCH WITH OCCUPANCY SENSOR	LEVITON DECORA ODS0D-IDW	48" MAX. A.F.F. TO TOP	-	-
SWITCH	Ś	2	-	SINGLE POLE MANUAL ON/OFF SWITCH	LEVITON 1221-2W	48" MAX. A.F.F. TO TOP	(1) STOR. / MECH. ROOM - (1) BYPASS SWITCH - RR-3 LIGHT	L1868
SWITCH	\$2	1	-	DOUBLE POLE MANUAL ON/OFF SWITCH	LEVITON 1222-2W	48" +/- A.F.F. TO TOP	BYPASS SWITCH - RR-1 & RR-2 LIGHTS	L1872
SWITCH	Ś	1	-	SINGLE POLE MANUAL ON/OFF SWITCH	LEVITON 1221-2R	48" +/- A.F.F. TO TOP	BYPASS SWITCH - EXTERIOR LIGHTS	L1870
PHOTOCELL	\bullet	1	1800 WATTS	NIGHTFOX WALL MOUNT ELECTRONIC PHOTOCONTROL, 120-277V	INTERMATIC EK4336S	SEE SHEET A-2	CONTROLS EXTERIOR LIGHTS	L1896
RECEPTACLE - DUPLEX	∯ GFCI	5	1500 WATTS	20 AMP, 125 VOLT GFCI DUPLEX RECEPTACLE	LEVITON GFNT2-W	48" A.F.F. TO TOP	-	L1876
HAND DRYER	ਜਿ	3	1725 WATTS	SURFACE MOUNTED - PUSH BUTTON HAND DRYER	WORLD DRYER DA52-973 - STAINLESS STEEL / BRUSHED	40" MAX. A.F.F. TO CONTROLS	-	-
WATER HEATER - TANK TYPE, L	OW BOY	1	10000 WATTS	50 GALLON COMMERCIAL ELECTRIC WATER HEATER	AO SMITH DEL-50 (OR EQ.) - 5000/5000 ELEMENTS	-	WIRED FOR 240V SIMULTANEOUS OPERATION, STRAP PER CODE	-
MOD LINE ELECTRICAL CONNEC	TOR	-	-	MOD LINE ELECTRICAL CROSSOVER CONNECTOR	AUTOMATION DIRECT STD SERIES	-	COMPONENTS & QUANTITIES AS NEEDED	-

	LIGHTING CONTROLS SCHEDULE	1. ALL CONDUCTO
AREA	CONTROLS	2. RATING OF STAI 3. WIRING METHO
RESTROOMS	OCCUPANCY SENSOR BUILT-IN TO LIGHT FIXTURE / PHOTOCELL OVERRIDES OCCUPANCY SENSOR / BYPASS SWITCH OVERRIDES OCCUPANCY SENSOR & PHOTOCELL FOR MAINTENANCE	EMT, METALLIC 4. INSTALL CEE GF
STORAGE	MANUAL ON/OFF SWITCH WITH OCCUPANCY SENSOR	UTILITY CHASE. 5. GREEN GROUNI
MECH. ROOM	MANUAL ON/OFF SWITCH	
FARMERS WET ROOM	MANUAL ON/OFF SWITCH WITH OCCUPANCY SENSOR, MULTI-LEVEL LIGHTING 50% & 100%	
EXTERIOR	PHOTOCELL / BYPASS SWITCH "ON" OVERRIDES PHOTOCELL FOR MAINTENANCE	

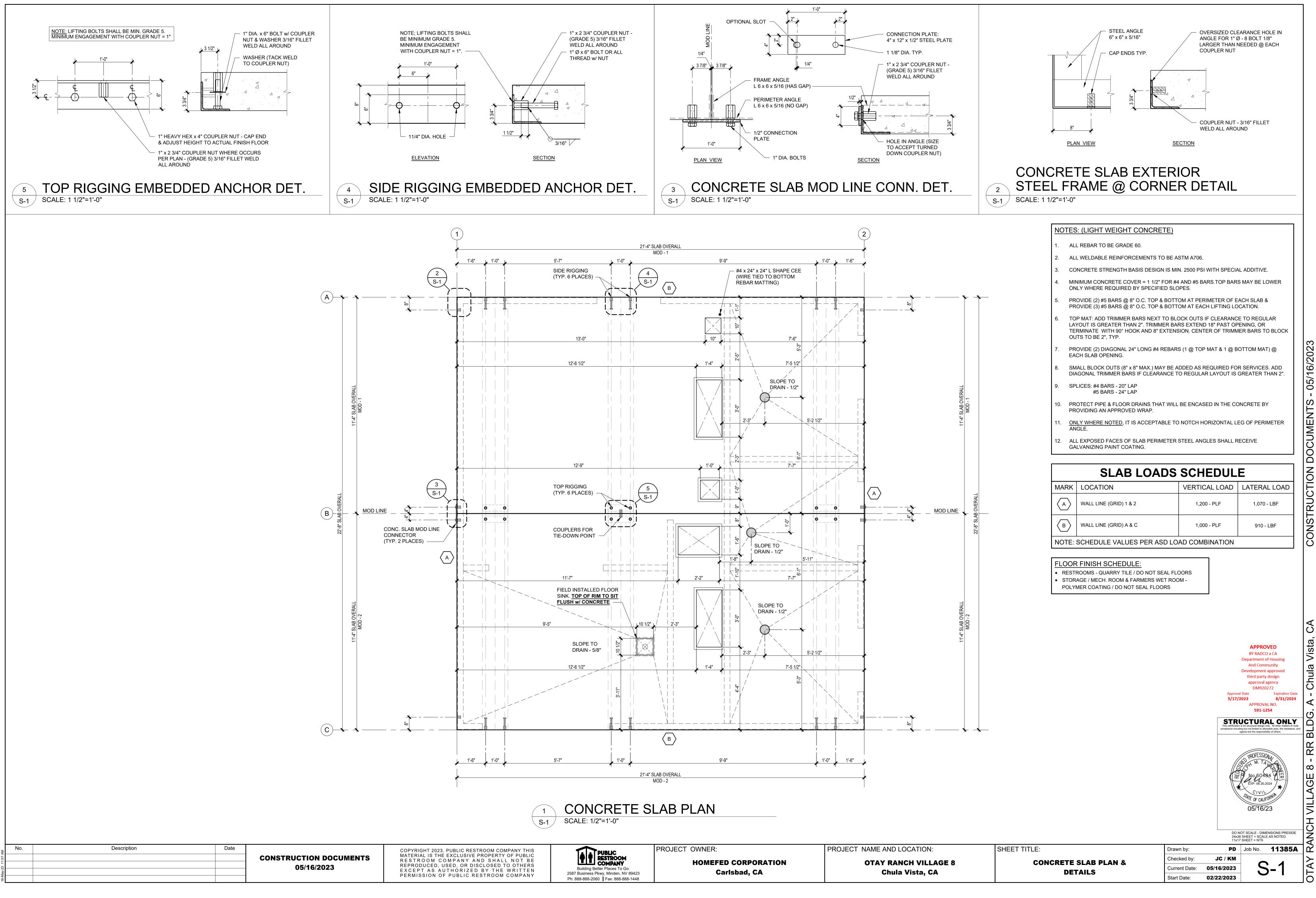
PANEL SCHEDULE

	NOTE: ALL CONDUCTORS COPPER						MAIN BREAKER				120/240V - SINGLE PHA					
СКТ	DESCRIPTION	CIR. BREAKER	WIRE	TOTAL	-	105	AMP		TOTAL	WIRE	CIR. BREAKER	DESCRIPTION				
CKI	DESCRIPTION	TRIP AMPS	SIZE	V.A.		125			V.A.	SIZE	TRIP AMPS	DESCRIPTION				
1	EXTERIOR LIGHTS	20	12	50			+		5000	6	60	WATER HEATER				
3	RESTROOM LIGHTS	20	12	45]	\rightarrow	- \		5000	6	60					
5	STORAGE / MECH. ROOM LIGHTS	20	12	96]		+		1500	12	20	DEDICATED GFCI				
7	FARMERS WET ROOM LIGHTS	20	12	60]	\rightarrow +	- \		1500	12	20	DEDICATED GFCI				
9	HAND DRYER / RR-1	20	12	1725]		+									
11	HAND DRYER / RR-2	20	12	1725]	\rightarrow	- \									
13	HAND DRYER / RR-3	20	12	1725]		+									
15	DEDICATED GFCI RECEPTACLE / MOD-1	20	12	1500]	\rightarrow	- \									
17	DEDICATED GFCI RECEPTACLE / MOD-1	20	12	1500]		+									
19	DEDICATED GFCI RECEPTACLE / MOD-1	20	12	1500]	\rightarrow	- \									
21							+									
23]	\rightarrow	- •									

	ELECTRICAL LOAD CALCULATIONS								
PANEL: 125 AMP 120/240V - SIN	IGLE PHASE -	3 WIRE				- MA 120			
COMPONENT		CONNECTED LOAD (V.A.)	CA	LCULATED LOA	D (V.A.)				
EXTERIOR LIGHTING		50	CONNECTED LOAD x 1.25		62.50				
INTERIOR LIGHTING		201	CONNECTED LOAD x 1.25		251.25				
WATER HEATER		10000	CONNECTED LOAD x 1.25		12500.00				
(1) HAND DRYER (LARGEST M	OTOR)	1725	CONNECTED LOAD x 1.25		2156.25				
(2) HAND DRYERS		3450	CONNECTED LOAD x 1.00		3450.00	1			
(5) RECEPTACLES		7500	CONNECTED LOAD x 1.00		7500.00	#4 Cu TO ——►			
TOTAL LOAD		22926	TOTAL LOAD		25920.00	WATER PIPE			
TOTAL CONNECTED LOAD AMPS		22.926	TOTAL CALCULATED	KVA	25.920	BUILDING CEE			
		95.525	LOAD	AMPS	108.000				



GENERAL SHEET NOTE: LOCATION OF ALL ELECTRICAL COMPONENTS IN THE STORAGE / MECHANICAL ROOM ARE SUBJECT TO CHANGE, FINAL LOCATIONS TBD.



DRAWI	NG INDEX			
ARCHITECTUR	RAL			
SHEET #	SHEET TITLE	SCALE		
A0-0.00	COVER SHEET	-	•	
A0-1.00	ABBREVIATIONS & SYMBOLS	NTS	•	
A0-2.01	CAL GREEN	NTS	•	
A0-2.02	CAL GREEN	NTS	•	
A0-2.03	CAL GREEN	NTS	•	
A0-3.00	ACCESSIBILITY NOTES	NTS	•	
A0-3.01	ACCESSIBILITY DETAILS	NTS	•	
A2-1.00	PLANS, WALL TYPE & SCHEDULES	AS NOTED	•	
A3-1.00	EXTERIOR ELEVATIONS	1/4"=1'	•	
A3-1.01	INTERIOR ELEVATIONS	1/4"=1'	•	
A3-2.00	SECTIONS	1/2"=1'	•	

SHEET TITLE	SCALE			
STRUCTURAL GENERAL NOTES	AS NOTED	•		
STRUCTURAL GENERAL NOTES	AS NOTED	•		
TYP DETAILS	AS NOTED	•		
TYP DETAILS	AS NOTED	•		
TYP DETAILS	AS NOTED	•		
FRAMING & FOUNDATION PLANS	AS NOTED	•		
EXTERIOR STRUCTURAL ELEVATIONS	AS NOTED	•		
STRUCTURAL DETAILS	AS NOTED	•		
STRUCTURAL DETAILS	AS NOTED	•		
STRUCTURAL DETAILS	AS NOTED	•		
	SHEET TITLESTRUCTURAL GENERAL NOTESSTRUCTURAL GENERAL NOTESTYP DETAILSTYP DETAILSTYP DETAILSFRAMING & FOUNDATION PLANSEXTERIOR STRUCTURAL ELEVATIONSSTRUCTURAL DETAILSSTRUCTURAL DETAILS	SHEET TITLESCALESTRUCTURAL GENERAL NOTESAS NOTEDSTRUCTURAL GENERAL NOTESAS NOTEDTYP DETAILSAS NOTEDTYP DETAILSAS NOTEDTYP DETAILSAS NOTEDFRAMING & FOUNDATION PLANSAS NOTEDEXTERIOR STRUCTURAL ELEVATIONSAS NOTEDSTRUCTURAL DETAILSAS NOTEDAS NOTEDSTRUCTURAL DETAILSAS NOTEDAS NOTEDAS NOTED	SHEET TITLESCALESTRUCTURAL GENERAL NOTESAS NOTEDSTRUCTURAL GENERAL NOTESAS NOTEDTYP DETAILSAS NOTEDTYP DETAILSAS NOTEDTYP DETAILSAS NOTEDTYP DETAILSAS NOTEDFRAMING & FOUNDATION PLANSAS NOTEDEXTERIOR STRUCTURAL ELEVATIONSAS NOTEDSTRUCTURAL DETAILSAS NOTEDSTRUCTURAL DETAILSAS NOTEDSTRUCTURAL DETAILSAS NOTEDSTRUCTURAL DETAILSAS NOTED	SHEET TITLESCALEISTRUCTURAL GENERAL NOTESAS NOTEDAS NOTEDISTRUCTURAL GENERAL NOTESAS NOTEDAS NOTEDITYP DETAILSAS NOTEDAS NOTEDITYP DETAILSAS NOTEDIITYP DETAILSAS NOTEDIIFRAMING & FOUNDATION PLANSAS NOTEDIEXTERIOR STRUCTURAL ELEVATIONSAS NOTEDISTRUCTURAL DETAILSAS NOTEDISTRUCTURAL DETAILSAS NOTEDISTRUCTURAL DETAILSAS NOTEDI

ELECTRICAL				
SHEET #	SHEET TITLE	SCALE		
E001	ELECTRICAL SYMBOLS, LEGEND AND NOTES	AS NOTED	•	
E001A	ELECTRICAL SYMBOLS, LEGEND AND NOTES	AS NOTED	٠	
E010	SINGLE LINE DIAGRAM, PANEL SCHEDULES / CALCULATIONS	AS NOTED	•	
E110	POWER / LIGHTING PLANS	AS NOTED	•	
E111	EMERGENCY LIGHTING PHOTOMETRIC PLAN	AS NOTED	•	
E112	GENERAL LIGHTING PHOTOMETRIC PLAN	AS NOTED	•	
E201	ELECTRICAL GENERAL DETAILS	AS NOTED	•	
E202	LIGHTING CONTROL DETAILS	AS NOTED	•	
E203	LIGHTING CONTROL DETAILS	AS NOTED	٠	

MECHANICAL & PLU	JMBING			
SHEET #	SHEET TITLE	SCALE		
P0.1	TITLE SHEET	AS NOTED	•	
P0.2	SCHEDULES / SPECS	AS NOTED	•	
P2.1	GAS / WATER / WASTE PLAN	AS NOTED	•	

DELINEATION LIST

Pre-Construction Disclosure (Delineation of Plan Review and Inspection) MODEL: HFCS20-2023CATER California Commercial Modular S/N: HFCS-20-2023 **Freeform Development** Plan Review Inspection
DAA LEA QAA LEA Section / Description

	DAA	LEA	QAA	LEA
CM compliance with Title 24, CCR Parts 2, 3, 4, 5, 6, 11	X		X	X
Design Codes, Design Loads, Design Criteria	X		X	
Compliance with Local Planning and Zoning Requirements, includes:	-			
Local Zone Use Requirements			1	
Local Snow Load Requirements				
Local Wind Pressure Requirements				1.000
State Fire Zone Requirements		-		1.1
Local Fire Zone Requirements		x		x
Building Setback Requirements		1.1		1.12
Side and Rear Yard Requirements				
Site Development Requirements				
Property Line Requirements				
Architectural and Aesthetic Requirements				
Installation Instructions and Details	X	1	1	X
Mechanical, Electrical, Plumbing, Structural, Fire Safety, and compliance with California green and	x	1	x	
energy codes; Factory-Built Components	1		~	
Mechanical, Electrical, Plumbing, Structural, Fire Safety, Fire Protection, Fire Alarem systems and				
compliance with California green and energy codes; Inter-Modular Connections (NOT APPLICABLE)		here by	1	
Mechanical, Electrical, Plumbing, Structural, Fire Safety, Fire Protection, Fire Alarem systems and		x		x
compliance with California green and energy codes; Site-Built Components		1.		19.36
Grading and Excavation		X		X
Site Plan: For the only purpose of checking Fire-Rating of exterior walls	X		x	
Site Plan: All other elements of site plan Foundations		X		X
Factory-Built Units connections to the foundation	X			X
Factory-Built Units connections to the foundation Factory-Built Units connections to site-built structures (NOT APPLICABLE)	<u>A</u>	1		Δ
Elevators (NOT APPLICABLE)		1		
Site -Built structures (basements, decks, garages, stairs, ramps, rails, etc.)		x		x
Connections to Public Utilities		X		X
All finish work that was not included in the factory-built units or required to be done after installation			1	
(washer/dryer install)	X		_	x
Electric supply and connection to tank electric water heater		X		X
Electric supply and connection to tank electric water nearer				

reviewed by DAA in the list above.

2- For any items not included in the list above, plan review and inspection will be according to the following rules: a) Factory built elements will be reviewed by DAA and inspected by OAA

b) Connections between factory built components or between factory built and site built components will be reviewed by DAA and inspected by LEA. c) Site built elements will be reviewed and inspected by LEA except for structural (see footnote 3)

3- Structural drawings and calculations (excluding foundations) will be entirely reviewed by DAA to maintain the structural integrity of the structure. LEA will review foundation plans and calculations.

QAA will inspect factory built structural elements. LEA will inspect all field construction and connection

4- All other site work not mentioned above will be reviewed and inspected by LEA

SCOPE OF WORK

NEW CONSTRUCTION OF A COMMERCIAL MODULAR 160 SQUARE FOOT CATERING UNIT, UNIT WILL NOT BE AIR CONDITIONED. UNIT WILL NOT HAVE COOKING EQUIPMENT, GAS OPERATING EQUIPMENT, OR FOOD PREPARATION. FREEFORM DEVELOPMENT INC. IS IN COMPLIANT WITH 25 CCR 4368 AND SHALL PROVIDE PRINTED INSTRUCTIONS REGARDING AT LEAST ONE METHOD OF ON-SITE ASSEMBLY AND INSTALLATION OF EACH COMMERCIAL UNIT. NOT FOR STORAGE OF HAZARDOUS MATERIALS.

BUILDING CODE NOTES

1. REFERENCE CODES 1.1. 2022 CALIFORNIA BUILDING CODE

- 1.2. 2022 CALIFORNIA GREEN BUILDING CODE
- 1.3. 2022 CALIFORNIA ELECTRICAL CODE 1.4. 2022 CALIFORNIA MECHANICAL CODE
- 1.5. 2022 CALIFORNIA PLUMBING CODE
- 1.6. 2022 CALIFORNIA ENERGY CODE 1.7. 2022 CALIFORNIA FIRE CODE

1.11. CALIFORNIA RETAIL FOOD CODE

- 1.8. 2010 THE AMERICANS DISABILITIES ACT
- 1.9. TITLE 24. BUILDING STANDARDS CODE 1.10. TITLE 25. HOUSING & COMMUNITY DEVELOPMENT

CONTAINER BUILDING DATA

NUMBER OF STORIES:	1
CONSTRUCTION TYPE:	VB
CLASSIFICATION OCCUPANCY CATEGORY:	В
CONTAINER MODULE SIZE:	20' X 8'
UNIT AREA:	160 SF
UNIT HEIGHT:	1 STORY, 9'-6"
REFER TO STRUCTURAL DRAWINGS FOR DAT	A BELOW:
FOUNDATION:	CONCRETE
DESIGN ROOF LOAD:	20 PSF
DESIGN ROOF SNOW LOAD FLOOR LIVE LOAD	0 PSF 100 PSF
WIND DESIGN CRITERIA: Vult: EXPOSURE HORIZONTAL PRESSURE COEFFICIENT INTERNAL PRESSURE COEFFICIENT	95 MPH C 17 PSF (LRFD) 5 PSF
SEISMIC DESIGN CRITERIA: IMPORTANCE FACTOR Ss Si SITE CLASS Fa SDs SD1 SEISMIC DESIGN CATEGORY OCCUPANCY RISK CATEGORY SEISMIC FORCE RESISTING SYSTEM	1.0 .762 .277 D 1.195 .607 1.7 D II
ANALYSIS PROCEDURE: R Cs RHO	PANELS (14 GA. STEEL SHIPPING CONTAINER WALLS) EQUIVALENT LATERAL FORCE 2.0 .304 (LRFD) .212 (ASD) 1.0
FIRE ZONE DESIGN CRITERIA:	NOT DESIGNED FOR WILDLAND - URBAN INTERFACE FIRE AREA
FLOOD ZONE DESIGN CRITERIA:	NOT DESIGNED FOR FLOOD PRONE ZONE
FIRE RATING OF BUILDING ELEMENTS:	NO PROVISION MADE - NONE RATED AND TO BE LOCATED WITH MIN 10' FIRE SEPARATION DISTANCE.

AUTOMATIC FIRE SPRINKLER IS NOT PROVIDED

APPROVAL FOR THE COMMERCIAL MODULAR QUALITY CONTROL MANUAL

APPROVAL NUMBER: MAC-CM 10018 APPROVAL DATE: 09/14/2022 EXPIRATION DATE: 12/31/2023

CONTAINER CONSTRUCTION NOTES

- 1. THE CONTAINERS SHOULD MEET THE STANDARDS SET BY THE INTERNATIONAL CONVENTION OF SAFE CONTAINERS (CSC)
- 2. THE CARGO CONTAINERS MUST MEET THE REQUIREMENT OF ISO 6346 AND ISO 1496-1
- 3. THE CONTAINER SHALL HAVE THE CERTIFIED **INSPECTION AND TESTING AGENCY (CITA) DECAL** PLACED ON THE DOOR OF THE CONTAINER **BEFORE MODIFICATIONS.**
- 4. THE CONTAINER SHALL HAVE THE CONSOLIDATED "DATA PLATE" SHOWING CSC APPROVAL NUMBER AND OTHER TEST CRITERIA PLACED ON THE DOOR OF THE CONTAINER BEFORE MODIFICATIONS.
- 5. THE CSC DATA PLATE SHALL HAVE THE CURRENT PERIODIC INSPECTION DATE OR A VALID APPROVED CONTINUOUS EXAMINATION PROGRAM (ACEP) AT THE TIME THE CONTAINER IS USED IN PRODUCTION.
- 6. THE CONTAINER MUST BE IN A GOOD CONDITION, FREE FROM DENTS AND OTHER VISUAL DEFECTS
- 7. BEFORE STARTING ANY MANUFACTURING OR ALTERING PROCESS, THIRD PARTY INSPECTOR SHALL INSPECT, APPROVE AND DOCUMENT ALL **INFORMATION LISTED ON CSC DATA PLATES OF** APPROVED CONTAINERS.

CA COMMERCIAL MODULAR NOTES

- 1. THESE PLANS ARE SUBMITTED TO CALIFORNIA DEPARTMENT OF HOUSING AND COMMUNITY **DEVELOPMENT (HCD) UNDER THE CALIFORNIA** COMMERCIAL MODULAR PROGRAM, IN ACCORDANCE WITH CALIFORNIA HEALTH AND SAFETY CODE - HSC, DIVISION 13 - HOUSING, PART 2 - MANUFACTURED HOUSING AND CALIFORNIA CODE REGULATIONS, TITLE 25, CHAPTER 3, SUBCHAPTER 2
- 2. PURSUANT TO SECTION 18030.5 OF CALIFORNIA HEALTH AND SAFETY CODE, A MANUFACTURED HOME, MOBILE HOME, RECREATIONAL VEHICLE, COMMERCIAL COACH WHICH MEETS THE STANDARDS PRESCRIBED BY THIS CHAPTER, AND THE REGULATIONS ADOPTED PURSUANT THERETO, SHALL NOT BE REQUIRED TO COMPLY WITH ANY LOCAL ORDINANCES OR REGULATIONS PRESCRIBING REQUIREMENTS IN CONFLICT WITH THE STANDARDS PRESCRIBED IN THIS CHAPTER.
- 3. PURSUANT TO SECTION 18026(D) OF THE HEALTH AND SAFETY CODE, A MUNICIPALITY SHALL NOT PROHIBIT THE USE OF COMMERCIAL MODULARS THAT BEAR A VALID INSIGNIA, BASED ON THE DATE THE INSIGNIA WAS ISSUED.
- 4. PURSUANT TO SECTION 18026(C) OF THE HEALTH AND SAFETY CODE, IT IS UNLAWFUL FOR ANY PERSON TO REMOVE, OR CAUSE TO BE **REMOVED, AN INSIGNIA OF APPROVAL WITHOUT** PRIOR AUTHORIZATION BY THE DEPARTMENT.
- 5. PURSUANT TO SECTION 4040 OF CALIFORNIA **CODE OF REGULATIONS, TITLE 25, NO PERSON** SHALL MAKE ANY ALTERATION OR CONVERSION OF THE CONSTRUCTION OR FIRE SAFETY EQUIPMENT OR INSTALLATIONS OF ANY COMMERCIAL COACH, BEARING REQUIRED AN **INSIGNIA OF APPROVAL, OR TITLE V1(24 C.F.R)** LABEL. MANUFACTURED AFTER SEPTEMBER 1 1958, UNLESS AN APPLICATION FOR SUCH ALTERATION OR CONVERSION HAS BEEN FILED WITH, AND APPROVED BY, THE DEPARTMENT.
- 6. THE INSIGNIA SHALL BE SECURELY AFFIXED TO THE REAR OF THE VEHICLE ON THE LOWER LEFT CORNER OF THE EXTERIOR WALL NOT LESS THAN SIX INCHES ABOVE THE FLOOR LINE, OR ON THE EXTERIOR WALL IMMEDIATELY ADJACENT TO THE MAIN DOOR, NOT LESS THAN SIX INCHES ABOVE THE FLOOR LINE.
- 7. EACH COMMERCIAL MODULAR SHALL HAVE A LABEL PERMANENTLY AFFIXED ON OR ADJACENT TO THE DISTRIBUTION PANELBOARD INDICATING THE VOLTAGE AND CALCULATED LOAD OF THE ELECTRICAL SYSTEM IN THE UNIT. THE **INFORMATION ON THE LABEL SHALL REMAIN** LEGIBLE FOR THE LIFE OF THE COMMERCIAL MODULAR.

GENERAL NOTES

- 1. PROJECT TO BE BUILT PER PERMITTED PLANS. 2. NOTIFY ARCHITECT IF EXISTING CONDITIONS CONFLICT WITH THE CONSTRUCTION
- DOCUMENTS. 3. STRUCTURAL MEMBERS INDICATED ON ARCHITECTURAL DRAWINGS MAY VARY FROM
- ACTUAL SIZES INDICATED ON THE STRUCTURAL DRAWINGS, WHICH SHALL GOVERN. 4. COORDINATE LOCATION OF ELECTRICAL MECHANICAL AND PLUMBING PIPING, CONDUITS, WIRING, FIXTURES AND OTHER ITEMS BETWEEN TRADES AND WITH THE
- ARCHITECT. 5. CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED PRIOR TO CONSTRUCTION. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL APPROVED PLANS AND RELATED DOCUMENTS.
- 6. FIRE EXTINGUISHING SYSTEMS SHALL BE **INSTALLED IN ACCORDANCE WITH IBC 903 (CBC** 903 AND 904). AT LEAST ONE FIRE EXTINGUISHER WITH A MIN RATING OF 4A, 20-B, AND C SHALL BE PROVIDED WITHIN 75 FEET MAX TRAVEL DISTANCE FROM EACH 6,000 SF OR PORTION THEREOF ON EACH FLOOR, AND OUTSIDE OF EACH MECHANICAL, ELECTRICAL OR BOILER ROOM, IBC 906 (CBC 906) AND IFC 906 (CFC 906).
- 7. JUSTUS STUDIO, INC. IS NOT RESPONSIBLE FOR AND RELIES SOLELY ON CONTRACTOR. OR CONTRACTOR'S SUB-CONTRACTORS, FOR MARKING AND DESIGNATING THE LOCATION AND DEPTH OF ANY AND ALL UNDERGROUND **OBSTACLES INCLUDING BUT NOT LIMITED TO** PIPES, WIRES, CONDUITS, CABLES OR STRUCTURES SUCH AS GAS LINES, FUEL TANKS, FIBER OPTICS, IRRIGATION OR SEPTIC SYSTEMS. AS SUCH, IN THE EVENT SUCH STRUCTURE IS HIT OR DAMAGED DUE TO THE CONTRACTOR'S FAILURE TO PROPERLY MARK AND IDENTIFY OBSTACLES, CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY SUCH REPAIRS AND HOLD JUSTUS STUDIO, INC. HARMLESS.

JUSTUS STUDIO, INC.

.

OWNER:

HOME FED 1903 WRIGHT PL CARLSBAD, CA 92008

ARCHITECT: JUSTUS STUDIO, INC. 4271 KENYON AVENUE LOS ANGELES, CA 90066 CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM

P: 949-294-2648 STRUCTURAL: ORION STRUCTURAL GROUP, INC. 223 E. THOUSAND OAKS BLVD., #304

THOUSAND OAKS, CA 91360 ELECTRICAL: ARB ELECTRIC, INC. 1401 N EL CAMINO REAL #201 SAN CLEMENTE, CA 92672

MECHANICAL: VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

COMMERCIAL MODULAR **MANUFACTURER:** FREE FORM DEVELOPMENT, INC. 1148 INDUSTRIAL AVE. ESCONDIDO, CA 92029

CONTACT: ADAM JUBELA E: ADAM@FREEFORMDC.COM P: 760-801-2384

1960 LA MEDIA PARKWAY NORTH CHULA VISTA, CA 91913



ND,	ISSUE	DATE
1	1ST SUBMITTAL	

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

COVER SHEET

Approved For State of California Commercial Modular

By MA Consulting & Engineering MACE, LLC. Third Party Design Approval Agency (DAA) Certificate Number: DM1570821

These plans have been approved pursuant to the provisions of The State of California Health and Safety Code, Division 13, Part 2 and California Code of Regulations, Title 25, Chapter 3, Subchapter 2

Plan Approval No. MAC-CM 10045 Approval Date: 9/3/2023

Expiration Date: 11/30/2024

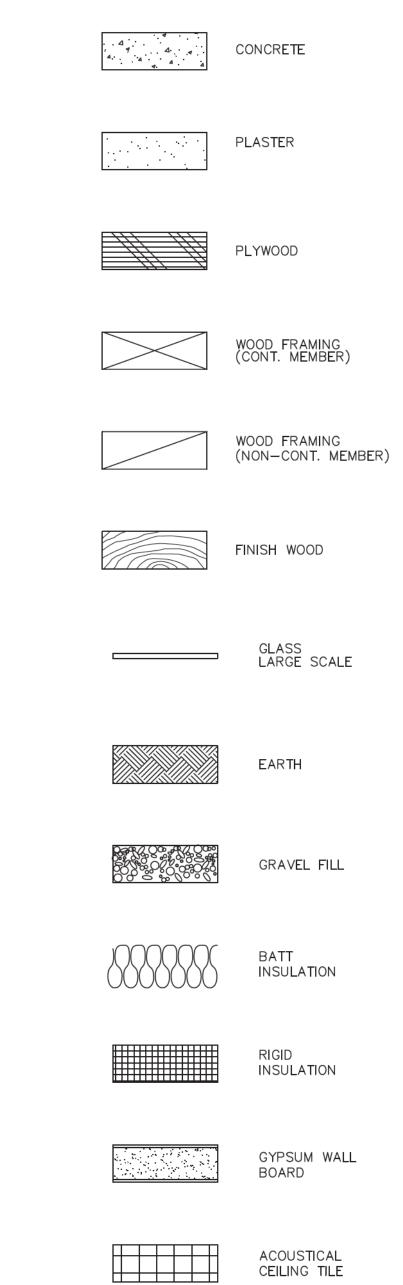
PROJECT 2023-003-0
SCALE
NTS drawn by
DATE 07-13-2023

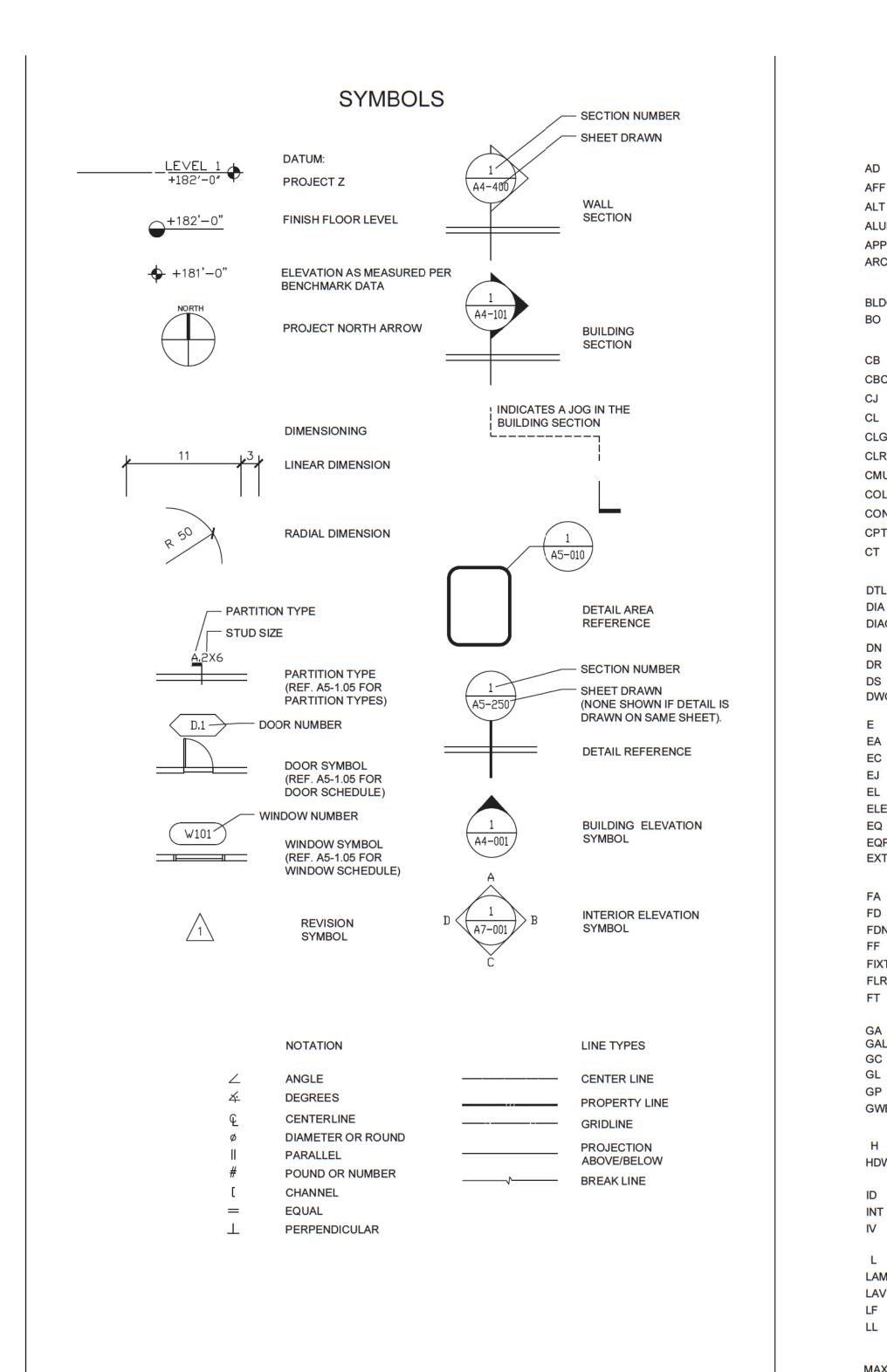
SHEET NUMBER

A0-0.00

MATERIAL LEGENDS

.





GAUGE

APPROX APPROXIMA

AD

AFF

ALT

ALUM

ARCH

BLDG

BO

CB

CJ

CL

CLG

CLR

CMU

COL

CPT

DTL

DIA

DN

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DS

E EA

EC

EJ

EL

ELEC

EQPT

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EQ

DWG

DIAG

CONC

CBC

GALV GALVANIZED GENERAL CONTRACTOR GLASS GYPSUM PLASTER GYPSUM WALL BOARD GWB HEIGHT HOT WATER HDWD INSIDE DIAMETER INTERIOR IRRIGATION VALVE LENGTH LAMINATE LAVATORY LINEAR FOOT LIVE LOAD MAXIMUM MECH MECHANICAL MINIMUM

NORTH NUMBER NOT TO SCALE NTS OC ON CENTER OD OFD OVERFLOW DRAIN OPP OPPOSITE PLASTER PERF PL PLATE PLUM

PERFORATE(D) PLUMBING PTN PARTITION PTD. PAINTED PVC POLYVINYL CHOLORIDE PWD PLYWOOD

NOTE ABBREVIATIONS

	AREA DRAIN	R	RADIUS
	ABOVE FINISH FLOOR	RCP	REFLECTED CEILING PLAN
	ALTERNATE	RD REF	ROOF DRAIN REFERENCE
	ALUMINUM	REV	REVISION
		RM	ROOM
X	APPROXIMATE	RO	ROUGH OPENING
	ARCHITECTURAL	•	0011711
		S SD	SOUTH STORM DRAIN
	BUILDING	SEC	SECURITY
	BOTTOM OF	SF	SQUARE FEET
		SIM	SIMILAR
	CATCH BASIN	SPEC	SPECIFICATION
	CALIFORNIA BUILDING CODE	SQ	SQUARE
	CONTROL JOINT	ST.STL.	STAINLESS STEEL
		STC	SOUND TRANSMISSION CLASS
		STD	STANDARD
	CEILING	STL	STEEL
	CLEAR	STOR	STORAGE
	CONCRETE MASONRY UNITS	STRUCT	STRUCTURAL
	COLUMN		
	CONCRETE	T&B	TOP AND BOTTOM
	CARPET	T&G	TONGUE AND GROOVE
	CERAMIC TILE	TC TEMP	TOP OF CURB TEMPERATURE
		THK	THICKNESS
	DETAIL	THR	THRESHOLD
	DIAMETER	Т.О.	TOP OF
	DIAGONAL	TOC	TOP OF CURB
	BINGONAL	TP	TOP OF PAVING
	DOWN	τv	TELEVISION
	DOOR	TW	TOP OF WALL
	DOWNSPOUT DRAWING	TYP	TYPICAL
	DRAWING		
	EAST	UNO UL	UNLESS NOTED OTHERWISE UNDERWRITERS'S LABORATORY
	EACH	OL	UNDERWRITERS'S EABORATORT
	EXPOSED CONSTRUCTION	VENT	VENTILATION
	EXPANSION JOINT	VGDF	VERTICAL GRAIN DOUGLAS FIR
	ELEVATION	w	WEST
	ELECTRICAL	W/	WITH
	EQUAL	WC	WATER CLOSET
	EQUIPMENT	WD	WOOD
	EXTERIOR	WDB	WOOD BASE
		WDF	WOOD FLOOR
	FIRE ALARM	WDP	WOOD PANELING
	FLOOR DRAIN	WIN	WINDOW
	FOUNDATION	W/O	WITHOUT
	FINISH FLOOR	WP	WATERPROOFING
	FIXTURE	YD	YARD DRAIN
	FLOOR		
	FOOT OR FEET		

FOOT OR FEET

OUTSIDE DIAMETER (DIM)

Approved For State of California **Commercial Modular** By

MA Consulting & Engineering MACE, LLC. Third Party Design Approval Agency (DAA) Certificate Number: DM1570821

These plans have been approved pursuant to the provisions of The State of California Health and Safety Code, Division 13, Part 2 and California Code of Regulations, Title 25, Chapter 3, Subchapter 2 Plan Approval No. MAC-CM 10045

Approval Date: 9/3/2023 Expiration Date: 11/30/2024

JUSTUS STUDIO, INC.

*

OWNER: HOME FED 1903 WRIGHT PL

SUITE 220 CARLSBAD, CA 92008 ARCHITECT: JUSTUS STUDIO, INC. 4271 KENYON AVENUE

LOS ANGELES, CA 90066 CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM P: 949-294-2648

STRUCTURAL: ORION STRUCTURAL GROUP, INC. 223 E. THOUSAND OAKS BLVD., #304 THOUSAND OAKS, CA 91360

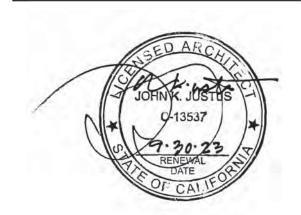
ELECTRICAL: ARB ELECTRIC, INC. 1401 N EL CAMINO REAL #201 SAN CLEMENTE, CA 92672

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MECHANICAL: VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

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ND.	ISSUE	DATE
1	1ST SUBMITTAL	

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

ABBREVIATIONS & SYMBOLS



SHEET NUMBER

A0-1.00

07-13-2023 SIZE: 36"x24" ©JUSTUS STUDIO INC.

*

	NONRESIDENT		
Y N/A RESPON PARTY	CHAPTER 3 GREEN BUILDING SECTION 301 GENERAL	Y N/A RESPON. PARTY □ ⊠	5.106.2 STORMWATER POLLI LAND. Comply with all lawfully more of land, or (2) disturb less
	 301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the 		Note: Projects that (1) disturb on larger common plan of developm applicable National Pollutant Dis
	application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.		Associated with Construction and the Lahontan Regional Water Q
	301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG] The provisions of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of \$200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.		The NPDES permits require pos (pre-project hydrology) with the permits emphasize runoff reduct through nonstructural controls, s Stormwater volume that cannot practices and be approved by the
	A code section will be designated by a banner to indicate where the code section only applies to newly constructed buildings [N] or to additions and/or alterations [A]. When the code section applies to both, no banner will be used.		Refer to the current applicable p www.waterboards.ca.gov/constr should be given during the initia
	301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only: Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section		5.106.4 BICYCLE PARKING. F specified in Section 103, comply
	1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Divil Code Section 1101.1 <i>et seq.</i> for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.		Architect pursuant to Section 10 5.106.4.1 Bicycle parkin applicable local ordinance 5.106.4.1.1 Short
	301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.		to generate visitor entrance, readily vi added, with a minir
	301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC) 301.5 HEALTH FACILITIES. (see GBSC)		Exception: 5.106.4.1.2 Long-t
	SECTION 302 MIXED OCCUPANCY BUILDINGS 302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building		tenant-occupants, spaces with a minin 5.106.4.1.3 For add
	shall comply with the specific green building measures applicable to each specific occupancy. SECTION 303 PHASED PROJECTS		provide secure bicy minimum of one bio
	303.1 PHASED PROJECTS. For shell buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new		5.106.4.1.4 For new anticipated tenant- 5.106.4.1.5 Accept
	construction (or newly constructed) shall apply. 303.1.1 Initial Tenant improvements. The provisions of this code shall apply only to the initial tenant		be convenient from 1. Covered,
	improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 non-residential additions and alterations.		2. Lockable 3. Lockable Note: Additi
	HCD Department of Housing and Community Development BSC California Building Standards Commission DSA-SS Division of the State Architect, Structural Safety		5.106.4.2 Bicycle parki
	OSHPD Office of Statewide Health Planning and Development LR Low Rise HR High Rise AA Additions and Alterations		5.106.4.2.1 and 5.106.4.2 5.106.4.2.1 Stude accessed with a m
	N New		5.106.4.2.2 Staff b with a minimum of shall be convenien
	NONRESIDENTIAL MANDATORY MEASURES		1. Covered, 2. Lockable
Approved For State of California	DIVISION 5.1 PLANNING AND DESIGN SECTION 5.101 GENERAL		 Lockable 5.106.5.3 Electric vehicle (E electric vehicle charging shall
Commercial Modular By	5.101.1 SCOPE The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the		regulations in the California E Exceptions:
Consulting & Engineering MACE, LLC.	environmental quality of the site and respect the integrity of adjacent properties. SECTION 5.102 DEFINITIONS 5.102.1 DEFINITIONS		1. On a c this se a. W
rd Party Design Approval Agency (DAA) Certificate Number: DM1570821	The following terms are defined in Chapter 2 (and are included here for reference) CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not		b. W c. W Io
These plans have been approved pursuant to the visions of The State of California Health and Safety	numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire. LOW-EMITTING AND FUEL EFFICIENT VEHICLES.		Si 2. Parking requi
Code, Division 13, Part 2 and California Code of Regulations, Title 25, Chapter 3, Subchapter 2	Eligible vehicles are limited to the following: 1. Zero emission vehicle (ZEV), enhanced advanced technology PZEV (enhanced AT ZEV) or transitional zero		5.106.5.3.1 EV o [N] EV capable s requirements:
Plan Approval No. MAC-CM 10045	 emission vehicles (TZEV) regulated under CCR, Title 13, Section 1962. 2. High-efficiency vehicles, regulated by U.S. EPA, bearing a juel economy and greenhouse gas rating od 9 oe 10 as regulated under 40 CFR Section 600 Subpart D. 		1. Racew diamet
Approval Date: 9/3/2023	NEIGHBORHOOD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to zero-emission vehicle standards.		and int used to 2. A servi
Expiration Date: 11/30/2024	TENANT-OCCUPANTS. Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.		capaci capabl 3. The el
	VANPOOL VEHICLE. Eligible vehicles are limited to any motor vehicle, other than a motortruck or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the nonprofit work-related transportation of adults for the purpose of ridesharing.		to supp 4. The se protect perman
	Note: Source: Vehicle Code, Division 1, Section 668 ZEV. Any vehicle certified to zero-emission standards.		Note: A parking s charging space s complying with a
	SECTION 5.106 SITE DEVELOPMENT 5.106.1 STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE OF LAND. Newly constructed projects and additions which disturb less than one acre of land, and are not part of a		agency. See ver TABLE 5.106.5.3.1
	larger common plan of development or sale, shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures: 5.106.1.1 Local ordinance . Comply with a lawfully enacted storm water management and/or erosion control		TOTAL NUMBER OF A PARKING SPACE
	ordinance. 5.106.1.2 Best Management Practices (BMPs). Prevent the loss of soil through wind or water erosion by		0-9
	 implementing an effective combination of erosion and sediment control and good housekeeping BMPs. 1. Soil loss BMPs that should be considered for implementation as appropriate for each project include, but are not limited to, the following: 		26-50
	 a. Scheduling construction activity during dry weather, when possible. b. Preservation of natural features, vegetation, soil, and buffers around surface waters. c. Drainage swales or lined ditches to control stormwater flow. 		76-100
	d. Mulching or hydroseeding to stabilize disturbed soils.e. Erosion control to protect slopes.f. Protection of storm drain inlets (gravel bags or catch basin inserts).		101-150 151-200
	 g. Perimeter sediment control (perimeter silt fence, fiber rolls). h. Sediment trap or sediment basin to retain sediment on site. i. Stabilized construction exits. j. Wind erosion control. 		201 AND OVER 1. Where there 2. The number
	 k. Other soil loss BMPs acceptable to the enforcing agency. 2. Good housekeeping BMPs to manage construction equipment, materials, non-stormwater discharges and wastes that should be considered for implementation as appropriate for each project include, but 		the total number 5.106.5.3.2 Electric ve
	 are not limited to, the following: a. Dewatering activities. b. Material handling and waste management. c. Building materials stockpile management. d. Management of washout areas (concrete, paints, stucco, etc.). e. Control of vehicle/equipment fueling to contractor's staging area. 		EV capable spaces 5.106.5.3.1. The EV Level 2 and Direct 0 provided.
	 control of vehicle/equipment dening to contractor's staging area. f. Vehicle and equipment cleaning performed off site. g Spill prevention and control. 		One EV charger wit permitted if the elect
	 b. Other housekeeping BMPs acceptable to the enforcing agency. 		accumulatively supp

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GREEN BUILDING STANDARDS CODE ATORY MEASURES, SHEET 1 (January 2023)

5.106.5.3.3 Use of automatic load management systems (ALMS).

ALMS shall be permitted for EVCS. When ALMS is installed, the required electrical load capacity UTION PREVENTION FOR PROJECTS THAT DISTURB ONE OR MORE ACRES OF specified in Section MAXIMUM ALI y enacted stormwater discharge regulations for projects that (1) disturb one acre or 5.106.5.3.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each GLARE RATIN s than one acre of land but are part of a larger common plan of development sale. EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle MAXIMUM ALI and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs. one acre or more of land, or (2) disturb less than one acre of land but are part of the GLARE RATIN ment or sale must comply with the post-construction requirements detailed in the 5.106.5.3.4 Accessible EVCS. MAXIMUM ALI scharge Elimination System (NPDES) General permit for Stormwater Discharges When EVSE is installed, accessible EVSC shall be provided in accordance with the California Building nd Land Disturbance Activities issued by the State Water Resources Control Board or GLARE RATIN Code, Chapter 11B, Section 11B-228.3. uality Control Board (for projects in the Lake Tahoe Hydrologic Unit). Note: For EVCS signs, refer to Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle MAXIMUM ALI Signs and Pavement Markings) or its successor(s stconstruction runoff (post-project hydrology) to match the preconstruction runoff GLARE RATIN installation of postconstruction stormwater management measures. The NPDES 5.106.5.4 Electric Vehicle (EV) charging: medium-duty and heavy-duty. [N] ction through on-site stormwater use, interception, evapotranspiration, and infiltration Construction shall comply with section 5.106.5.4.1 to facilitate future installation of electric vehicle supply such as Low Impact Development (LID) practices, and conversation design measures equipment (EVSE). Construction for warehouses, grocery stores and retail stores with planned off-street loading t be addressed using nonstructural practices is required to be captured in structural spaces shall also comply with Section 5.106.5.4.1 for future installation of medium- and heavy-duty EVSE. the enforcing agency. 1. On a case-by-case basis where the local enforcing agency has determined compliance with this permits on the State Water Resources Control Board website at: section is not feasible based upon one of the following conditions: ructionstormwater. Consideration to the stormwater runoff management measures a. Where there is no local utility power supply. design process for appropriate integration into site development b Where the local utility is unable to supply adequate power section. c. Where there is evidence suitable to the local enforcing agency substantiating that For buildings within the authority of California Building Standards Commission as additional local utility infrastructure design requirements, directly related to the implement with Section 5.106.4.1. For buildings within the authority of the Division of the State of Section 5.106.5.3 may adversely impact the construction cost of the project. 05. comply with Section 5.106.4.2 When EVSE(s) is/are installed, it shall be in accordance with the California Building Code, the California Electrical Code and as follows: ng. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the , whichever is stricter. 5.106.5.4.1 Electric vehicle charging readiness requirements for warehouse, grocery stores and retail store with planned off-street loading spaces. t-term bicycle parking. If the new project or an addition or alteration is anticipated [N] In order to avoid future demolition when adding EV charging supply and distribution equipment, spare traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' raceways(s) or busway(s) and adequate capacity for transformers(s), service panels(s) or subpanel(s) shall be installed at the time of construction in accordance with the California Electrical Code. Construction plans and visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being mum of one two-bike capacity rack. specifications shall include but are not limited to, the following: Additions or alterations which add nine or less visitor vehicular parking spaces. . The transformer, main service equipment and subpanel shall meet the minimum power requirement in Table 5.106.5.4.1 to accommodate the dedicated branch circuits for the future -term bicycle parking. For new buildings with tenant spaces that have 10 or more installation of EVSE. 5.106.8.2 Facing-Glare. provide secure bicycle parking for 5 percent of the tenant-occupant vehicular parking 2. The construction documents shall indicate on or more location(s) convenient to the planned imum of one bicycle parking facility. offstreet loading space(s) reserved for medium-and heavy-duty ZEV charging cabinets and charging dispensers, and a pathway reserved for routing of conduit from the termination of the ditions or alterations that add 10 or more tenant-occupant vehicular parking spaces, raceway(s) or busway(s) to the charging cabinet(s) and dispenser(s) as shown in Table hemisphere. cycle parking for 5 percent of the tenant vehicular parking spaces being added, with a 5 106 5 4 1 cycle parking facility. 3. Raceway(s) or busway(s) originating at a main service panel or a subpanel(s) serving the area where potential future medium-and heavy-duty EVSE will be located and shall terminate in close w shell buildings in phased projects provide secure bicycle parking for 5 percent of the proximity to the potential future location of the charging equipments for medium- and heavy-duty occupant vehicular parking spaces with a minimum of one bicycle parking facility. 4. The raceway(s) or busway(s) shall be sufficient size to carry the minimum additional system loa table bicycle parking facility for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall to the future location of the charging for medium- and heavy-duty ZEVs as shown in Table Refer to the California Building Code for requirements for additions and alterations. n the street and shall meet one of the following: 5.106.5.4.1. I, lockable enclosures with permanently anchored racks for bicycles; e bicycle rooms with permanently anchored racks; or , permanently anchored bicycle lockers. TABLE 5.106.5.4.1 RACEWAY CONDUIT AND PANEL POWER itional information on recommended bicycle accommodations may be obtained from REQUIREMENTS FOR MEDIUM- AND HEAVY-DUTY EVSE [N] Area Bicycle Advocates. French drains. ng. [DSA-SS] For public schools and community colleges, comply with Sections ADDITIONAL CAPACITY NUMBER OF REQUIRED (KVA) ent bicycle parking. Provide permanently anchored bicycle racks conveniently BUILDING TYPE BUILDING SIZE (SQ. FT.) OFF-STREET FOR RACEWAY & inimum of four two-bike capacity racks per new building. LOADING SPACES BUSWAY AND bicycle parking. Provide permanent, secure bicycle parking conveniently accessed f two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities **RANSFORMER &** from the street or staff parking area and shall meet one of the following: PANEL , lockable enclosures with permanently anchored racks for bicycles; 1 or 2 200 bicycle rooms with permanently anchored racks; or 10,000 to 90,000 Grocery 3 or Greater 400 permanently anchored bicycle lockers. Greater than 90,000 1 or Greater 400 EV) charging. [N] Construction to provide electric vehicle infrastructure and facilitate I comply with Section 5.106.5.3.1 and shall be provided in accordance with 1 or 2 200 Building Code and the California Electrical Code. Retail 400 3 or Greater Greater than 135.000 400 1 or Greater case-by-case basis where the local enforcing agency has determined compliance with ection is not feasible based upon one of the following conditions: 1 or 2 200 Vhere there is no local utility power supply 20,000 to 256,000 3 or Greater 400 Where the local utility is unable to supply adequate power. Warehouse Where there is evidence suitable to the local enforcement agency substantiating the ocal utility infrastructure design requirements, directly related to the implementation of Greater than 256,000 1 or Greater 400 Section 5.106.5.3, may adversely impact the construction cost of the project. g spaces accessible only by automated mechanical car parking systems are not ired to comply with this code section 5.106.8 LIGHT POLLUTION REDUCTION. [N]. I Outdoor lighting systems shall be designed and installed to comply with the following: capable spaces. spaces shall be provided in accordance with Table 5.106.5.3.1 and the following 1. The minimum requirements in the California Energy Code for Lighting Zones 0-4 as defined in Chapter 10, Section 10-114 of the California Administrative Code; and 2. Backlight (B) ratings as defined in IES TM-15-11 (shown in Table A-1 in Chapter 8); ways complying with the California Electrical Code and no less that 1-inch (25 mm) B. Uplight and Glare ratings as defined in California Energy Code (shown in Tables 130.2-A and 130.2-B in eter shall be provided and shall originate at a service panel or a subpanel(s) serving Chapter 8) and ea, and shall terminate in close proximity to the proposed location of the EV capable 4. Allowable BUG ratings not exceeding those shown in Table 5.106.8, [N] or Comply with a local ordinance to a suitable listed cabinet, box, enclosure or equivalent. A common raceway may be lawfully enacted pursuant to Section 101.7, whichever is more stringent. o serve multiple EV charging spaces. vice panel or subpanel (s) shall be provided with panel space and electrical load Exceptions: [N] city for a dedicated 208/240 volt, 40-ampere minimum branch circuit for each EV ble space, with delivery of 30-ampere minimum to an installed EVSE at each EVCS. . Luminaires that qualify as exceptions in Sections 130.2 (b) and 140.7 of the California Energy Code. ectrical system and any on-site distribution transformers shall have sufficient capacity Emergency lighting. oply full rated amperage at each EV capable space. Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6. 5.302.1 Definitions. The following terms are defined in Chapter 2 (and are included here for reference) ervice panel or subpanel circuit directory shall identify the reserved overcurrent 4. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 tive devices space(s) as "EV CAPABLE". The raceway termination location shall be Alternate materials, designs and methods of construction. 5. Luminaires with less than 6,200 initial luminaire lumens. anently and visibly marked as "EV CAPABLE." space served by electric vehicle supply equipment or designed as a future EV shall count as at least one standard automobile parking space only for the purpose of any applicable minimum parking space requirements established by an enforcement hicle Code Section 22511.2 for further details. ABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, JPLIGHT AND GLARE (BUG) RATINGS 1,2 LIGHTING LIGHTING LIGHTING LIGHTING LIGHTING ALLOWABLE RATING ZONE NUMBER OF EVCS (EV ZONE LZ1 ZONE LZ2 ZONE LZ3 ZONE LZ4 NUMBER OF REQUIRED EV CTUAL LZ0 CAPABLE SPACES CAPABLE SPACES PROVIDED WITH EVSE)^ MAXIMUM ALLOWABLE BACKLIGHT RATING 3 0 0 dishwashers uminaire greater than 2 2 0 N/A nounting heights (MH) from No Limit No Limit No Limit No Limit property line 8 2 uminaire back hemisphere is 13 3 N/A B2 B3 B4 climatological parameters. I-2 MH from property line 17 4 Luminaire back hemisphere is N/A B1 B2 B3 B3 25 0.5-1 MH from property line 35 9 Luminaire back hemisphere is is effective as the MWELC. N/A B0 less than 0.5 MH from property B0 B1 25% of EV capable spaces¹ 20% of total¹ is insufficient electrical supply. MAXIMUM ALLOWABLE of required EVCS (EV capable spaces provided with EVSE) in column 3 count towards UPLIGHT RATING (U) r of required EV capable spaces shown in column 2. For area lighting 3 N/A UO UO UO UO Having Jurisdiction. vehicle charging stations (EVCS) For all other outdoor s shall be provided with EVSE to create EVCS in the number indicated in Table N/A U2 U3 UR U1 lighting, including decorative VCS required by Table 5.106.5.3.1 may be provided with EVSE in any combination of ıminaires Current Fast Charging (DCFC), except that at least one Level 2 EVSE shall be

th multiple connectors capable of charging multiple EVs simultaneously shall be ctrical load capacity required by Section 5.106.5.3.1 for each EV capable space is plied to the EV charger.

each DCFC EVSE shall be permitted to reduce the minimum number of required EV thout EVSE by five and reduce proportionally the required electrical load capacity to the bpanel.

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		Y N/A RESPON. PAR	TY = RESPO	PLICABLE NSIBLE PARTY (ie: ARC R, CONTRACTOR, INSPE	
MAXIMUM ALLOWABLE GLARE RATING 5 (G)					
MAXIMUM ALLOWABLE GLARE RATING 5 (G)	N/A	G1	G2	G3	G4
MAXIMUM ALLOWABLE GLARE RATING 5 (G)	N/A	G0	G1	G1	G2
MAXIMUM ALLOWABLE GLARE RATING 5 (G)	N/A	G0	G0	G1	G1
MAXIMUM ALLOWABLE GLARE RATING 5 (G)	N/A	GO	G0	GŨ	G1

. IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the California Energy Code and Chapter 10 of the Callifornia Administrative Code.

2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this

3. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaries located in these areas shall meet U-value limits for "all other outdoor lighting"

5.106.8.1 Facing- Backlight

RESPO

Luminaries within 2MH of a property line shall be oriented so that the nearest property line is behind the fixture, and shall comply with the backlight rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point of that property line. Exception: Corners. If two property lines (or two segments of the same property line) have equidistant point to the luminaire, then the luminaire may be oriented so that the intersection of the two lines (the corner) is directly behind the luminaire. The luminaire shall still use the distance to the nearest coints(s) on the property lines to determine the required backlight rating.

For luminaires covered by 5.106.8.1, if a property line also exists within or extends into the front hemisphere within 2MH of the luminaire then the luminaire shall comply with the more stringent glare rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point on the nearest property line within the front

1.See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways 2.Refer to Chapter 8 (Compliance Forms, Worksheets and Reference Material) for IES ⊺M-15-11 Table A-1, California Energy Code Tables 130.2-A and 130.2-B.

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

Water collection and disposal systems.

. Water retention gardens.

5. Other water measures which keep surface water away from buildings and aid in groundwater recharge. Exception: Additions and alterations not altering the drainage path. 5.106.12 SHADE TREES [DSA-SS]. Shade Trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2,

and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6.

5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years.

Exceptions: Surface parking area covered by solar photovoltaic shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.

5.106.12.2 Landscape areas. Shade tress plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years.

Exceptions: Playfields for organized sport activity are not included in the total area calculation. 5.106.12.3. Hardscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years.

Exceptions:

1. Walks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting 2. Designated and marked play areas of organized sport activity are not included in the total area calculation.

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL 5.201.1 Scope [BSC-CG]. California Energy Code [DSA-SS]. For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL

5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.

SECTION 5.302 DEFINITIONS

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which ae two major influences on

the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water

reated to remove waste matter attaining a quality that is suitable to use the water again. SUBMETER. [HCD 1] A secondary device beyond a meter that measures water consumption of an individual rental unit within a multiunit residential structure or mixed-use residential and commercial structure. (See Civic Code Section

1954.202 (g) and Water code Section 517 for additional details.) WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied

water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape Ordinance (MWELO).

E. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

OWNER: HOME FED

1903 WRIGHT PL CARLSBAD, CA 92008

ARCHITECT JUSTUS STUDIO, INC. 4271 KENYON AVENUE LOS ANGELES, CA 90066 CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM

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THOUSAND OAKS, CA 91360 ELECTRICAL: ARB ELECTRIC, INC. 1401 N EL CAMINO REAL #201

SAN CLEMENTE, CA 92672

MECHANICAL: VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

COMMERCIAL MODULAR MANUFACTURER: FREE FORM DEVELOPMENT, INC. 1148 INDUSTRIAL AVE. ESCONDIDO, CA 92029

CONTACT: ADAM JUBELA E: ADAM@FREEFORMDC.COM P: 760-801-2384

1960 LA MEDIA PARKWAY NORTH CHULA VISTA, CA 91913



ND,	ISSUE	DATE
1	1ST SUBMITTAL	

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE



SCALE NTS DRAWN BY

07-13-2023 SIZE: 36"x24"

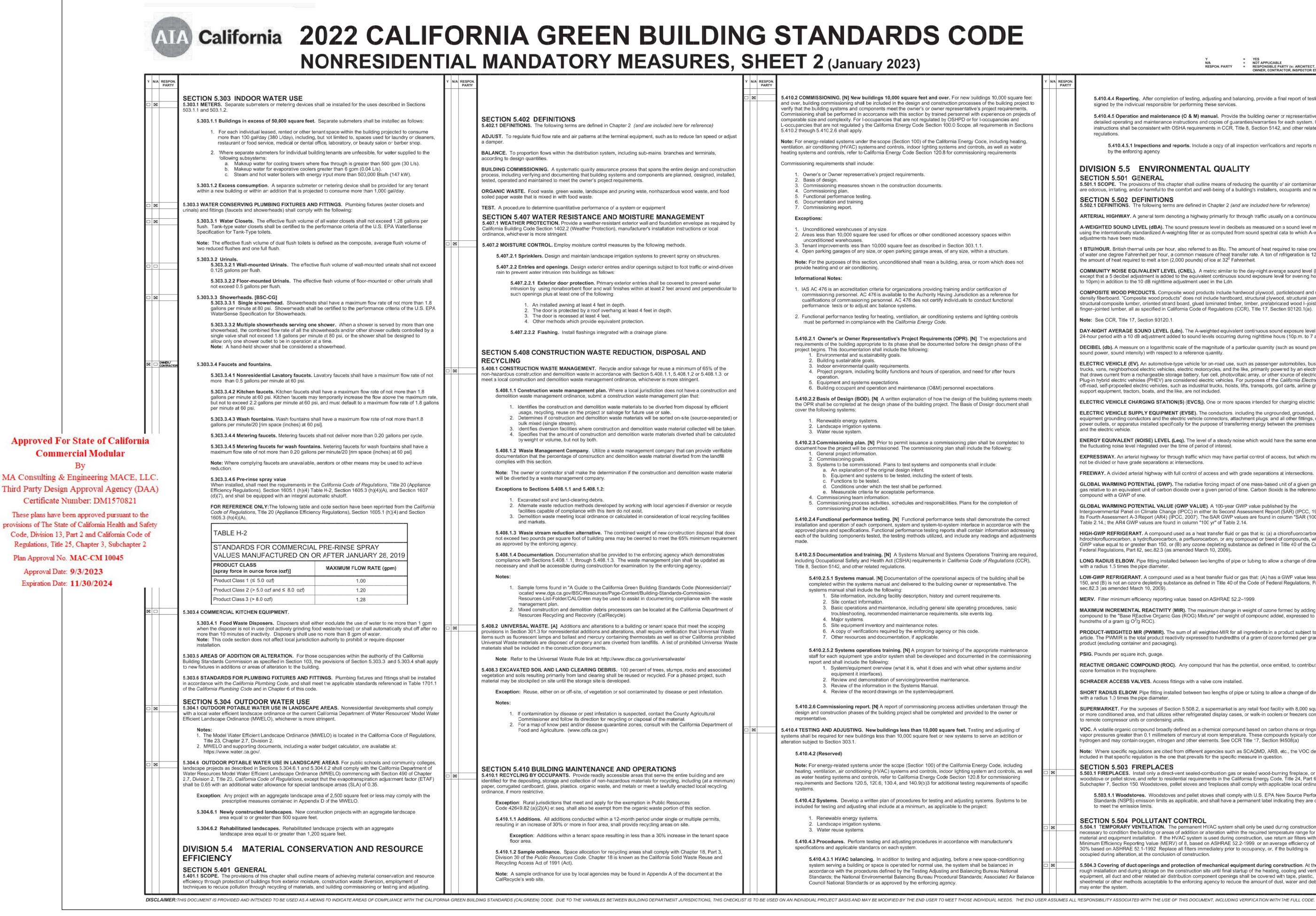
2023-003-00

PROJECT

DATE

SHEET NUMBER

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California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (January 2023)

5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference) ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals,

BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed

ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food

TEST. A procedure to determine quantitative performance of a system or equipment SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT

California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local

5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures. 5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven

5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to

such openings plus at least one of the following: An installed awning at least 4 feet in depth

The door is protected by a roof overhang at least 4 feet in depth. The door is recessed at least 4 feet.

Other methods which provide equivalent protection.

5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.

SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND

5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale. 2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or

3. Identifies diversion facilities where construction and demolition waste material collected will be taker 4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill

2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist. 3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement

5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commis Resources-List-Folder/CALGreen may be used to assist in documenting compliance with the waste 2. Mixed construction and demolition debris processors can be located at the California Department of

5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping rovisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste tems such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Jniversal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste

Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/universalwaste/

5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated regetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such naterial may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.

1. If contamination by disease or pest infestation is suspected, contact the County Agricultural mmissioner and follow its direction for recycling or disposal of the material. 2. For a map of know pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS

dentified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimun paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling

Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the organic waste portion of this section.

5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.

5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the Public Resources Code. Chapter 18 is known as the California Solid Waste Reuse and

Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the

5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to erify that the building systems and components meet the owner's or owner representative's project requirements. ommissioning shall be performed in accorcance with this section by trained personnel with experience on projects of omparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and occupancies that are not regulated y the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements

ommissioning requirements shall include

- Owner's or Owner representative's project requirements. Basis of design. Commissioning measures shown in the construction documents
- Commissioning plan.
- Functional performance testing. . Documentation and training
- . Commissioning report.
- Exceptions:
- Unconditioned warehouses of any size. 2. Areas less than 10,000 square fee: used for offices or other conditioned accessory spaces within
- unconditioned warehouses Tenant improvements less than 10,000 square feet as described in Section 303.1.1
- 4. Open parking garages of any size, or open parking garage areas, of any size, within a structure.
- Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and or air conditioning.

Informational Notes

- 1. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for qualifications of commissioning personnel. AC 476 des not certify individuals to conduct functional performance tests or to adjust and balance systems.
- 2. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the California Energy Code.

5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following:

- Environmental and sustainability goals. 2. Building sustainable goals.
- 3. Indoor environmental quality requirements. 4. Project program, including facility functions and hours of operation, and need for after hours
- Equipment and systems expectations
- 6. Building occupant and operation and maintenance (O&M) personnel expectations.

5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall

Renewable energy systems.

Landscape irrigation systems 3. Water reuse system.

cover the following systems:

5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following: General project information.

- Commissioning goals. 3. Systems to be commissioned. Plans to test systems and components shall include:
- An explanation of the original design intent. b. Equipment and systems to be tested, including the extent of tests.
- c. Functions to be tested.
- d. Conditions under which the test shall be performed. e. Measurable criteria for acceptable performance.
- Commissioning team information 5. Commissioning process activities, schedules and responsibilities. Plans for the completion of
- commissioning shall be included

5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments

5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required including Occupational Safety and Health Act (CSHA) requirements in California Code of Regulations (CCR), Title 8, Section 5142, and other related regulations.

- 5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The
- systems manual shall include the following:
- 1. Site information, including facility description, history and current requirements. Site contact information.
- 3. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log.
- 4. Major systems.
- 5. Site equipment inventory and maintenance notes. 6. A copy of verifications required by the enforcing agency or this code.
- 7. Other resources and documentation, if applicable. 5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance

staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following: 1. System/equipment overview (what it is, what it does and with what other systems and/or

- equipment it interfaces). 2. Review and demonstration of servicing/preventive maintenance.
- 3. Review of the information in the Systems Manual. Review of the record drawings on the system/equipment.

5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.

5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.

5.410.4.2 (Reserved)

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific systems

5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

- 1. Renewable energy systems.
- 2. Landscape irrigation systems 3. Water reuse systems.

5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system

5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations

5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency

SECTION 5.501 GENERAL

SECTION 5.502 DEFINITIONS

ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route. A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter

using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made.

COMPOSITE WOOD PRCDUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I-joists or finger-jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).

JUSTUS STUDIO, INC.

RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER WNER CONTRACTOR INSPECTOR ETC.)

5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.

DIVISION 5.5 ENVIRONMENTAL QUALITY

5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors

5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)

1 BTU/HOUR. British thernal units per hour, also referred to as Btu. The amount of heat required to raise one pound f water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu the amount of heat required to melt a ton (2,000 pounds) of ice at 32⁰ Fahrenheit.

COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pr o 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.

Note: See CCR. Title 17. Section 93120.1

DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.). DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure,

ound power, sound intensity) with respect to a reference quantity. ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, rucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the California Electrical Code,

off-road, self-propoelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included. ELECTRIC VEHICLE CHARGING STATION(S) (EVCS). One or more spaces intended for charging electric vehicles.

ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest.

EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections.

REEWAY. A divided arterial highway with full control of access and with grade separations at intersections GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhous gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference ompound with a GWP of one.

GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995); or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14.

HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a drochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a WP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

.ONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.

LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozore depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2–1999.

MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base REactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to undreths of a gram (g O³/g ROC).

PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the lotal product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).

PSIG. Pounds per square inch, guage.

REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.

SCHRADER ACCESS VALVES. Access fittings with a valve core installed.

SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, vith a radius 1.0 times the pipe diamete

SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected o remote compressor units or condensing units.

VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a)

Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.

SECTION 5.503 FIREPLACES 5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed

voodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances. 5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance

Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits.

SECTION 5.504 POLLUTANT CONTROL

5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Inimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if the building is ccupied during alteration, at the conclusion of construction.

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation and during storage on the construction site until final startup of the heating, cooling and ventilation quipment, all duct and other related air distribution component openings shall be covered with tape, plastic, eetmetal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which nav enter the system

OWNER: HOME FED

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P: 949-294-2648

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STRUCTURAL: ORION STRUCTURAL GROUP, INC. 223 E. THOUSAND OAKS BLVD., #304 THOUSAND OAKS, CA 91360

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MECHANICAL: VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

COMMERCIAL MODULAR MANUFACTURER: FREE FORM DEVELOPMENT, INC 1148 INDUSTRIAL AVE. ESCONDIDO, CA 92029

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1960 LA MEDIA PARKWAY NORTH CHULA VISTA, CA 91913



ND,	ISSUE	DATE
1	1ST SUBMITTAL	

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE



2023-003-00 SCALE NTS DRAWN BY

PROJECT

SHEET NUMBER

©JUSTUS STUDIO INC.

07-13-2023 SIZE: 36"x24"

DATE

Y N/A RESPON. PARTY		RESIDENT	Y N/A RESPCN. PARTY	TABLE 5.504.4.3 - CON⊤.		Y N/A RESPON	иY	Y N/A RESPON.
	5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials 5.504.4.6.	s shall comply with Sections 5.504.4.1 through	PARIT	GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEM	T COMPOUNDS	PARIT	5.504.4.6 Resilient flooring systems. Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using	PARTY 5.508.2 □ ⊠ provision utilize ei
	5.504.4.1 Adhesives, sealants and caulks. Adhesives, seala the requirements of the following standards:			COATING CATEGORY	CURRENT VOC LIMIT		Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350)	condens (high-G)
	 Adhesives, adhesive bonding primers, adhesive primers comply with local or regional air pollution control or air qual applicable, or SCAQMD Rule 1168 VOC limits, as shown in 	lity management district rules where		SPECIALTY COATINGS	400		See California Department of Public Health's website for certification programs and testing labs. https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material	replacer
	products also shall comply with the Rule 1168 prohibition of (chloroform, ethylene dichloride, methylene chloride, perch	on the use of certain toxic compounds		BASEMENT SPECIALTY COATINGS	400			value les that inclu
	aerosol products as specified in subsection 2, below.Aerosol adhesives, and smaller unit sizes of adhesives	s and sealant or caulking compounds (in		BITUMINOUS ROOF COATINGS BITUMINOUS ROOF PRIMERS	50 350		5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.	E
	units of product, less packaging, which do not weigh more than 16 fluid ounces) shall comply with statewide VOC star	than one pound and do not consist of more ndards and other requirements, including		BOND BREAKERS	350		5.504.4.7 Thermal insulation Comply with the requirements of the California Department of Public Health, "Standard Method of the Testing	ad
	prohibitions on use of certain toxic compounds, of <i>Californi</i> with Section 94507.	ia Code of Regulations, Title 17, commencing		CONCRETE CURING COMPOUNDS	350		and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, "Version 1.2, January 1.2, January 2017 (Emission testing method for California Specification 01350). See California Department of Public Health's website for certification programs and testing labs.	re
	TABLE 5.504.4.1 - ADHESIVE VOC LIMIT _{1.2}			CONCRETE/MASONRY SEALERS	50		https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material	
	Less Water and Less Exempt Compounds in Grams per Liter			DRY FOG COATINGS	150		5.504.4.7.1 Verification of compliance. Documentation shall be provided verifying that thermal insulation materials meet the pollutant emission	
	ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT		FAUX FINISHING COATINGS	350		5.504.4.8 Acoustical ceiling and wall panels.	
	CARPET PAD ADHESIVES	50		FIRE RESISTIVE COATINGS FLOOR COATINGS	350		Comply with the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, "	
	OUTDOOR CARPET ADHESIVES	150		FORM-RELEASE COMPOUNDS	250		Version 1.2, January 2017 (Emission testing method for California Specification 01350). See California Department of Public Health's website for certification programs and testing labs.	
	WOOD FLOORING ADHESIVES	60		GRAPHIC ARTS COATINGS (SIGN PAINTS)	500 420		5.504.4.8.1 Verification of compliance. Documentation shall be provided verifying that acoustical finish materials meet the pollutant emission limits.	
	SUBFLOOR ADHESIVES	50		INDUSTRIAL MAINTENANCE COATINGS	250		5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of	
	CERAMIC TILE ADHESIVES	65 50			120		13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.	5 . fc
	DRYWALL & PANEL ADHESIVES	50		MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS	450 100		Exceptions: Existing mechanical equipment.	
		50		METALLIC PIGMENTED COATINGS	500		5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.	
	MULTIPURPOSE CONSTRUCTION ADHESIVES STRUCTURAL GLAZING ADHESIVES	70 100		MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS	250 420		5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as	
	SINGLE-PLY ROOF MEMBRANE ADHESIVES	250		PRIMERS, SEALERS, & UNDERCOATERS	100		already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the	
	OTHER ADHESIVES NOT SPECIFICALLY LISTED SPECIALTY APPLICATIONS	50		REACTIVE PENETRATING SEALERS	350		University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.	
	PVC WELDING	510		RECYCLED COATINGS ROOF COATINGS	250 50		SECTION 5.505 INDOOR MOISTURE CONTROL 5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code,	
	CPVC WELDING	490		RUST PREVENTATIVE COATINGS	250		 CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of this code. 	
	ABS WELDING PLASTIC CEMENT WELDING	325 250		SHELLACS:	730		SECTION 5.506 INDOOR AIR QUALITY	
	ADHESIVE PRIMER FOR PLASTIC	550		OPAQUE	550		5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the <i>California Energy Code</i> , or the applicable local code, whichever is more stringent, and Divison 1, Chapter 4 of CCR, Title 8.	
Approved For State of California	CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE	250		SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100		5.506.2 CARBON DIOXIDE (CO ₂) MONITORING. For buildings or additions equipped with demand control	5. Sa
Commercial Modular	STRUCTURAL WOOD MEMBER ADHESIVE	140		STAINS	250		 ventilation, CO₂ sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Ccde, Section 120(c)(4). 	
By	TOP & TRIM ADHESIVE	250		STONE CONSOLIDANTS SWIMMING POOL COATINGS	450 340		 5.506.3 Carbon dioxide (CO2) monitoring in classrooms. (DSA-SS) Each public K-12 school classroom, as listed in Table 120.1-A of the California Energy Code, shall be 	5.
A Consulting & Engineering MACE, LLC.	SUBSTRATE SPECIFIC APPLICATIONS METAL TO METAL	30		TRAFFIC MARKING COATINGS	100		equipped with a carbon dioxide monitor or sensor that meets the following requirements: 1. The monitor or sensor shall be permanently affixed in a tamper-proof manner in each classroom between 3 and	w
hird Party Design Approval Agency (DAA) Certificate Number: DM1570821	PLASTIC FOAMS	50		TUB & TILE REFINISH COATINGS	420		 6 feet (914 mm and 1829 mm) above the floor and at least 5 feet (1524 mm) away from door and operable windows. 2. When the monitor or sensor is not integral to an Energy Management Control System (EMCS), the monitor or 	5. cł
These plans have been approved pursuant to the	POROUS MATERIAL (EXCEPT WOOD)	50 30		WATERPROOFING MEMBRANES	250 275		sensor shall display the carbon dioxide readings on the device. When the sensor is integral to an EMCS, the carbon dioxide readings shall be available to and regularly monitored by facility personnel.	
rovisions of The State of California Health and Safety	FIBERGLASS	80		WOOD PRESERVATIVES	350		3. A monitor shall provide notification through a visual indicator on the monitor when the carbon dioxide levels in the classroom have exceeded 1,100ppm. A sensor integral to an EMCS shall provide notification to facility personnel through a visual and/or audible indicator when the carbon clioxide levels in the classroom have	
Code, Division 13, Part 2 and California Code of	1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBST WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.	•			340		exceeded 1,100ppm. 4. The monitor or sensor shall measure carbon dioxide levels at minimum 15- minute intervals and shall maintain a	
Regulations, Title 25, Chapter 3, Subchapter 2	2. FOR ADDITIONAL INFORMATION REGARDING METHO			 GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXI THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMIT THE TYPE F 			record of previous carbon dioxide measurements of not less than 30 days duration.5. The monitor or sensor used to measure carbon dioxide levels shall have the capacity to measure carbon dioxide levels with a range of 400ppm to 2000ppm or greater.	
Plan Approval No. MAC-CM 10045	CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURHTML			THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB.			 The monitor or sensor shall be certified by the manufacturer to be accurate within 75ppm at 1,000ppm carbon dioxide concentration and shall be certified by the manufacturer to require calibration no more frequently than 	5.
Approval Date: 9/3/2023 Expiration Date: 11/30/2024	r			FROM THE AIR RESOURCES BOARD.	, 2000. WORE INFORMATION IS AVAILABLE		once every 5 years.	
Expiration Date. 11/30/2024	TABLE 5.504.4.2 - SEALANT VOC LIMIT			 5.504.4.3.2 Verification. Verification of compliance with the enforcing agency. Documentation may include, but is 1. Manufacturer's product specification 	is section shall be provided at the request of not limited to, the following:		SECTION 5.507 ENVIRONMENTAL COMFORT 5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class	
	Less Water and Less Exempt Compounds in Grams per Liter			 Field verification of on-site product containers 			 (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2. 	
	ARCHITECTURAL	250		5.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet the requiren Health, "Standard Method for the Testing and Evaluation of Vola	ents of the California Department of Public		Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior	СНА
	MARINE DECK	760		Sources Using Environmental Chambers." Version 1.2, January Specifications 01350).	2017 (Emission testing method for California		noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.	INS
	NONMEMBRANE ROOF	250		See California Department of Public Health's website for certifica			Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.	702 Q 702.1
	SINGLE-PLY ROOF MEMBRANE	450		https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAC 5.504.4.4.1 Carpet cushion. All carpet cushion installed in			5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC	installat certifica respons
	OTHER SEALANT PRIMERS	420		requirements of the California Department of Public Health Evaluation of Volatile Organic Chemical Emissions from In	door Sources Using Environmental		rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:	Example
	ARCHITECTURAL			Chambers,"Version 1.2, January 2017 (Emission testing n 01350).	ethod for California Specifications		1. Within the 65 CNEL noise contour of an airport.	1.
	NONPOROUS	250 775		See California Department of Public Health's website for on https://www.cdph.ca.gov/Programs/CCDPHP/DEOI	ertification programs and testing labs. C/EHLB/IAQ/Pages/VOC.aspx#material		Exceptions:	4
	POROUS MODIFIED BITUMINOUS	500		5.504.4.4.2 Carpet adhesive. All carpet adhesive shall me	et the requirements of Table 5.504.4.1.		 Ldn or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan. Ldn or CNEL for other airports and heliports for which a land use plan has not been developed 	702.2 respons
	MARINE DECK	760		5.504.4.5 Composite wood products. Hardwood plywood, par composite wood products used on the interior or exterior of the b	uildings shall meet the requirements for		shall be determined by the local general plan noise element.	other du to the sa
	OTHER NOTE: FOR ADDITIONAL INFORMATION REGARDING ME	750 THODS TO MEASURE THE VOC		formaldehyde as specified in ARB's Air Toxics Control Measure seq.). Those materials not exempted under the ATCM must mee Table 5.504.4.5.			 Within the 65 CNEL or Ldn noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as cetermined by the Noise Element of the General Plan. 	other ce conside
	CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH CO DISTRICT RULE 1168.			5.504.4.5.3 Documentation. Verification of compliance w			5.507.4.1.1. Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L _{ad} - 1-hr during any hour of operation shall have building, additicn or alteration	1.
	5.504.4.3 Paints and coatings. Architectural paints and coatings	s shall comply with VOC limits in Table 1 of		requested by the enforcing agency. Documentation shall in 1. Product certifications and specifications. 2. Chain of custody certifications.	clude at least one of the following:		exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).	3.
	the ARB Architectural Coatings Suggested Control Measure, as s stringent local limits apply. The VOC content limit for coatings tha coatings categories listed in Table 5.504.4.3 shall be determined	at do not meet the definitions for the specialty		 Chain of custody certifications. Product labeled and invoiced as meeting the Composi CCR, Title 17, Section 93120, et seq.). 	e Wood Products regulation (see		5.507.4.2 Performance Method. Fcr buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered	4. N
	or Nonflat-High Gloss coating, based on its gloss, as defined in S California Air Resources Board Suggested Control Measure, and	Subsections 4.21, 4.36 and 4.37 of the 2007		 Exterior grade products marked as meeting the PS-1 on Engineered Wood Association, the Australian AS/NZS standards 	r PS-2 standards of the 2269 or European 636 3S		envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation.	
	Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply. 5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints			 standards. 5. Other methods acceptable to the enforcing agency. 			5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.	
	ROC in Section 94522(a)(3) and other requirements, ncluc compounds and ozone depleting substances, in Sections	ding prohibitions on use of certain toxic 94522(c)(2) and (d)(2) of <i>California Code of</i>		TABLE 5.504.4.5 - FORMALDEHYDE LIMITS			5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior	[BSC-C
	Regulations, Tille 17, commencing with Section 9452); and Bay Area Air Quality Management District additionally com	d in areas under the jurisdiction of the		MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILL			sound levels shall be prepared by personnel approved by the architect or engineer of record. 5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant	shall em compliar agency
	limits of Regulation 8 Rule 49.			PRODUCT HARDWOOD PLYWOOD VENEER CORE	0.05		spaces and public places shall have an STC of at least 40.	certificat area of
				HARDWOOD PLYWOOD VENEER CORE HARDWOOD PLYWOOD COMPOSITE CORE	0.05		Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.	N
					0.09		SECTION 5.508 OUTDOOR AIR QUALITY 5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression	703 V
				MEDIUM DENSITY FIBERBOARD THIN MEDIUM DENSITY FIBERBOARD2	0.11 0.13		equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.	703.1 D
				1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY TH			5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not	construc
				TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN AC ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS,	CORDANCE WITH ASTM E 1333. FOR		contain CFCs.	accepta special i

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YES NOT APPLICABLE RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER OWNER. CONTRACTOR, INSPECTOR ETC.)

upermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the s of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that her refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or ng units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential

P) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the nent of existing refrigeration systems in existing facilities.

on: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP ss than 150 are no: subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants Ide ammonia, carbon dioxide (CO2), and potentially other refrigerants.

508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be cessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside ameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in frigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's

recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows. 508.2.2 Valves. Valves Valves and fittings shall comply with the California Mechanical Code and as

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall

be installed between the outlet of the vessel and the inlet of the pressure relief valve. 5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall

be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valves cesigned to have seal caps.

Exception: Valves with seal caps that are not removed from the valve during stem operation.

508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and It shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to prevent rosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to

maximize energy efficiency. 508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted

th a device tha incicates the level of refrigerant in the receiver. 508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes. 5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

PTER 7 ALLER & SPECIAL INSPECTOR QUALIFICATIONS UALIFICATIONS

INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper on of HVAC systems including ducts and equipment by a nationally or regionally recognized training or on program. Uncertified persons may perform HVAC installations when under the direct supervision and

ility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. s of acceptable HVAC training and certification programs include but are not limited to the following:

State certified apprenticeship programs.

Public utility training programs. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. Programs sponsored by manufacturing organizations. Other programs acceptable to the enforcing agency.

SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the ble entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or es necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence tisfaction of the erforcing agency for the particular type of inspection or task to be performed. In addition to tifications or qualifications acceptable to the enforcing agency, the following certifications or education may be ed by the enforcing agency when evaluating the qualifications of a special inspector:

Certification by a national or regional green building program or standard publisher. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors. Successful completion of a third party apprentice training program in the appropriate trade.
Other programs acceptable to the enforcing agency.

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent ploy one or more special inspectors to provide inspection or other duties necessary to substantiate ce with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing or the particular type of inspection or task to be performed. In addition, the special inspector shall have a

on from a recognized state, national or international association, as determined by the local agency. The ertification shall be closely related to the primary job function, as determined by the local agency. ote: Special inspectors shall be independent entities with no financial interest in the materials or the cject they are inspecting for compliance with this code.

/ERIFICATIONS

OCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, on documents, plans, specifications, builder or installer certification, inspection reports, or other methods le to the enforcing agency which demonstrate substantial conformance. When specific documentation or spection is necessary to verify compliance, that method of compliance will be specified in the appropriate r identified applicable checklist.

BILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

OWNER:

HOME FED 1903 WRIGHT PL SUITE 220 CARLSBAD, CA 92008

ARCHITECT: JUSTUS STUDIO, INC. 4271 KENYON AVENUE LOS ANGELES, CA 90066 CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM P: 949-294-2648

STRUCTURAL: ORION STRUCTURAL GROUP, INC. 223 E. THOUSAND OAKS BLVD., #304 THOUSAND OAKS, CA 91360

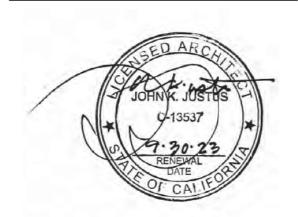
ELECTRICAL: ARB ELECTRIC, INC. 1401 N EL CAMINO REAL #201 SAN CLEMENTE, CA 92672

MECHANICAL: VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

COMMERCIAL MODULAR MANUFACTURER: FREE FORM DEVELOPMENT, INC. 1148 INDUSTRIAL AVE, ESCONDIDO, CA 92029

CONTACT: ADAM JUBELA E: ADAM@FREEFORMDC.COM P: 760-801-2384

1960 LA MEDIA PARKWAY NORTH CHULA VISTA, CA 91913



ISSUE	DATE
1ST SUBMITTAL	
	ISSUE IST SUBMITTAL

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE



PROJECT 2023-003-00 SCALE NTS

DRAWN BY

SHEET NUMBER

DATE 07-13-2023 SIZE: 36"×24"

ALL CURB RAMPS SHALL HAVE A GROOVED BORDER 12" WIDE AT THE LEVEL SURFACE OF THE SIDEWALK ALONG THE TOP AND EACH SIDE APPROXIMATELY 3/4" ON CENTER ALL CURB RAMPS CONSTRUCTED BETWEEN THE FACE OF THE CURB AND THE STREET SHALL HAVE A GROOVED BORDER AT THE LEVEL SURFACE OF THE SIDEWALK. SEC 1127B.5.7.

CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED CARS. SEC 1127B.5.9.

9. DETECTABLE WARNINGS AND DETECTABLE DIRECTIONAL TEXTURE (CBC SECTION 11B-247) & (CBC SECTION 11B-705)

- a.CURB RAMPS SHALL HAVE DETECTABLE WARNINGS THAT EXTEND 36 INCHES IN THE DIRECTION OF TRAVEL FOR THE FULL WIDTH OF THE RAMP RUN LESS THAN 2 INCHES MAXIMUM ON EACH SIDE, EXCLUDING ANY FLARED SIDES. (CBC SECTION 11B-247.1.2.2), (CBC SECTION 11B-705.1.2.2)
- **b.ON PERPENDICULAR CURB RAMPS** DETECTABLE WARNINGS SHALL BE LOCATED SO THE EDGE NEAREST THE CURB IS 6 TO 8 INCHES FROM THE LINE AT THE FACE OF THE CURB MARKING THE TRANSITION BETWEEN THE CURB AND THE GUTTER, STREET OR HIGHWAY. (CBC SECTION 11B247.1.2.2), (CBC SECTION 11B-705.1.2.2)
- c.ON PARALLEL CURB RAMPS, DETECTABLE WARNINGS SHALL BE PLACED ON THE TURNING SPACE AT VIII. STORAGE THE FLUSH TRANSITION BETWEEN THE STREET AND SIDEWALK. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE TURNING SPACE AT THE FLUSH TRANSITION BETWEEN THE STREET AND THE SIDEWALK LESS THAN 2 INCHES MAXIMUM ON EACH SIDE (CBC SECTION 11B-247.1.2.2), (CBC SECTION 11B-705.1.2.2), (FIGURE 11B-406.3.2)
- d.ISLANDS OR CUT-THROUGH MEDIANS 96 INCHES OR LONGER IN LENGTH IN THE DIRECTION OF PEDESTRIAN TRAVEL SHALL HAVE DETECTABLE WARNINGS THAT ARE 36 INCHES MINIMUM IN DEPTH EXTENDING THE FULL WIDTH OF THE PEDESTRIAN PATH OR CUT-THROUGH LESS THAN 2 INCHES MAXIMUM ON EACH SIDE, PLACED AT THE EDGES OF THE PEDESTRIAN ISLAND OR CUT-THROUGH MEDIAN, AND SEPARATED BY 24 INCHES MINIMUM OF WALKING SURFACE WITHOUT DETECTABLE WARNINGS. (CBC SECTION 11B-247.1.2.3), (CBC SECTION 11B-705.1.2.3)
- e.WALKS THAT CROSS OR ADJOIN A ROUTE PROVIDED FOR VEHICULAR TRAFFIC, SUCH AS IN A STREET, DRIVEWAY, OR PARKING FACILITY, SHALL BE SEPARATED BY DETECTABLE WARNINGS, CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS. (CBC SECTION 202), (CBC SECTION 11B-247.1.2.5), (CBC SECTION 11B-705.1.2.5)
- f. DETECTABLE WARNINGS PROVIDED TO SEPARATE WALKS THAT CROSS OR ADJOIN A ROUTE PROVIDED FOR VEHICULAR TRAFFIC, SUCH AS IN A STREET, DRIVEWAY, OR PARKING FACILITY, SHALL BE 36 INCHES IN WIDTH AND CONTINUOUS AT THE BOUNDARY BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS. (CBC SECTION 202), (CBC SECTION 11B-247.1.2.5), (CBC SECTION 11B-705.1.2.5)
- q.DETECTABLE WARNING SURFACES SHALL BE YELLOW AND APPROXIMATE FS 33538 OF FEDERAL STANDARD 595C. (CBC SECTION 11B-705.1.1.3.1)

3. THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF SWITCHES USED TO CONTROL LIGHT SWITCHES, THERMOSTATS, AND OTHER ENVIRONMENTAL CONTROLS SHALL BE LOCATED NO HIGHER THAN 48 INCHES AND NO LOWER THAN 15 INCHES ABOVE THE FLOOR. SEC 210-7(G).

4. IF THE REACH IS OVER AN OBSTRUCTION (FOR EXAMPLE, A KITCHEN BASE CABINET) BETWEEN 20 AND 25 INCHES IN DEPTH, THE MAXIMUM HEIGHT IS REDUCED TO 44 INCHES FOR FORWARD APPROACH, OR 46 INCHES FOR SIDE APPROACH PROVIDED THE OBSTRUCTION IS NO MORE THAN 24 INCHES IN DEPTH. OBSTRUCTION SHALL NOT EXTEND MORE THAN 25 INCHES FROM THE WALL BENEATH A CONTROL OR THE RECEPTACLE. CEC SEC 210-7(G.1), 380-8(C.1).

THE CENTER OF RECEPTACLE OUTLETS ON BRANCH CIRCUIT OF 30-AMPERES OR LESS SHALL BE LOCATED NO HIGHER THAN 48 INCHES AND NO LOWER THAN 15 INCHES ABOVE THE FLOOR. IF THE REACH IS OVER AN OBSTRUCTION, COMPLY WITH THE SAME REQUIREMENTS SPECIFIED IN ITEM NO 4. CEC SEC 210-7(G.1).

THE CENTER OF FIRE ALARM INITIATING DEVICES SHALL BE LOCATED 48 INCHES ABOVE THE LEVEL OF THE FLOOR. WORKING PLATFORM, GROUND SURFACE, OR SIDEWALK. SEC 760-9.

7. CLEAR FLOOR SPACE THAT ALLOWS FORWARD OR PARALLEI APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT.

8. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE FORCE. WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASAPING, PUNCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS OF FORCE

9. LIGHT SWITCHES, THERMOSTATS, AND OTHER ENVIRONMENTAL CONTROLS SHALL BE LOCATED NO HIGHER THAN 48 INCHES, AND NO LOWER THAN 15 INCHES ABOVE THE FLOOR. CEC SEC 380-8(C.1).

GENERAL : IF FIXED STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS OR DRAWERS ARE PROVIDED WHERE ACCESS IS REQUIRED BY SECTION 101.17.11, AT LEAST ONE OF EACH TYPE SHALL COMPLY WITH THIS SECTION. ADDITIONAL STORAGE MAY BE PROVIDED OUTSIDE OF REACH RANGE. SEC 1125B.1

2. CLEAR FLOOR SPACE: A CLEAR FLOOR SPACE AT LEAST 30 INCHES BY 48 INCHES COMPLYING WITH SECTION 1118B.4 THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT ACCESSIBLE STORAGE FACILITIES. SEC 1125B.2

3. HEIGHT: ACCESSIBLE STORAGE SPACE SHALL BE WITHIN AT LEAST ONE OF THE REACH RANGES SPECIFIED IN SECTIONS 1118B.5 AND 1118B.6. CLOTHES RODS SHALL BE A MAXIMUM OF 54 INCHES FROM THE FLOOR FOR A SIDE APPROACH. WHERE THE DISTANCE FROM THE WHEELCHAIR TO THE CLOTHES ROD OR SHELF EXCEEDS 10 INCHES, AS IN CLOSETS WITHOUT ACCESSIBLE DOORS, THE HEIGHT AND DEPTH TO THE ROD OR SHELF SHALL COMPLY WITH FIGURE 11B-5D. SEC 1125B.3

4. HARDWARE: HARDWARE FOR ACCESSIBLE STORAGE FACILITIES SHALL COMPLY WITH SECTION 1117B.6. TOUCH LATCHES AND U-SHAPED PULLS ARE ACCEPTABLE. SEC 1125B.4

IX. CURB RAMPS

CURB RAMPS SHALL BE A MINIMUM OF 4' IN WIDTH AND SHALL LIE, GENERALLY, IN A SINGLE SLOPED PLANE, WITH A MINIMUM OF SURFACE WARPING AND CROSS SLOPE. SEC 1127B.5.2

THE SLOPE OF CURB RAMPS SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL. SEC 1127B.5.3

3. TRANSITIONS FROM RAMPS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES, EXCEPT THAT THE LOWER END OF EACH CURB RAMP SHALL HAVE A 1/2" LIP BEVELED AT 45 DEGREES. SEC 1127B5.3 & 5

4. MAXIMUM SLOPES OF ADJOINING GUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE, SHALL NOT EXCEED 1:20 WITHIN 4' OF THE TOP AND BOTTOM OF THE CURB RAMP. THE SLOPE OF THE FANNED OR FLARED SIDES OF CURB RAMPS SHALL NOT EXCEED 1 VERTICAL TO 10 HORIZONTAL. SEC 1127B.5.3.

5. A LEVEL LANDING 4' DEEP SHALL BE PROVIDED AT THE UPPER END OF EACH CURB RAMP OVER ITS FULL WIDTH TO PERMIT SAFE EGRESS FROM TEH RAMP SURFACE, OR THE SLOPE OF THE FANNED OR FLARED SIDES OF THE CURB RAMP SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL. SEC 1127B.5.4.

6. THE SURFACE OF EACH CURB RAMP AND ITS FLARED SIDES SHALL BE STABLE. FIRM, AND SLIP RESISTANT AND SHALL BE OF CONTRASTING FINISH FROM THAT OF THE ADJACENT SIDEWALK. SEC 1127B.5.6.

V. DOORWAYS

HAND-ACTIVATED DOOR HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR. SEC 1133B.2.5.1.

4. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND THAT ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE PER SECTION 1133B.2.5 IN EGRESS DIRECTION. SEC 1133B.2.5.1.

THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 48" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION. WHERE THE PLANE OF THE DOORWAY IS OFFSET OR LOCATED IN AN ALCOVE A DISTANCE MORE THAN 8 INCHES MEASURED FROM THE PLANE OF THE DOORWAY TO THE FACE OF THE WALL, THE DOOR SHALL BE PROVIDED WITH 60" MANEUVERING CLEARANCE FOR FRONT APPROACH. SEC 1133B.2.4.2, 1133B.2.5.3.

THE FLOOR OR LANDING IMMEDIATELY OUTSIDE THE ENTRY MAY BE SLOPED UP TO 1/8 INCH PER FOOT IN THE DIRECTION AWAY FROM THE PRIMARY ENTRANCE FOR DRAINAGE. SEC 1120A.2.4.2, EXCEPTION 2.

7. FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. SEC 1133B.2.3.

THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24" PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18" PAST THE STRIKE EDGE FOR INTERIOR DOORS. WHERE THE DOOR IS RECESSED OR LOCATED IN AN ALCOVE, THE PROJECTION DISTANCE ALLOWED TO PROJECT INTO THE REQUIRED DOOR STRIKE CLEARANCE MEASURED FROM THE FACE OF THE WALL TO THE FACE OF THE DOOR IS LIMITED TO 8". SEC 1133B.2.4.3, 1133B.2.4.5.

THE FLOOR OR LANDING SHALL BE NOT BE MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGES IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL IN 2 UNITS HORIZONTAL (50% SLOPE). CHANGES IN LEVEL GREATER THAN 1/2 INCH SHALL BE ACCOMPLISHED BY MEANS OF A RAMP. SEC 1133B.2.4.1.

VI. HAZARDS & PROTRUDING OBJECTS

ABRUPT CHANGES IN LEVEL, EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING 4" IN A VERTICAL DIMENSION, SUCH AS PLANTERS OR FOUNTAINS LOCATED IN OR ADJACENT TO WALKS, SIDEWALKS, OR OTHERPEDESTRIAN WAYS, SHALL BE INDENTIFIED BY WARNING CURBS PROJECTING AT LEAST 6" IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE TO WARN THE BLIND OF A POTENTIAL DROP OFF. SEC 1133B.8.1.

2. WHEN A GUARDRAIL OR HANDRAIL IS PROVIDED, NO WARNING CURB IS REQUIRED WHEN A GUARDRAIL IS PROVIDED CENTERED 3" + OR - 1" ABOVE THE SURFACE OF THE WALK OR SIDEWALK. THE WALK IS 5% OR LESS GRADIENT. OR NO ADJACENT HAZARD EXISTS. SEC 1133B.8.1.

3. ANY OBSTRUCTION THAT OVERHANGS A PEDESTRIAN WAY SHALL BE A MINIMUM OF 80" ABOVE THE WALKING SURFACE AS MEASURED FROM THE BOTTOM OF THE OBSTRUCTION. SEC 1133B.8.2.

5. OBJECTS PROJECTING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES.

6. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27" ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES. SEC. 1121B.1.

7. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12" MAXIMUM FROM 27" TO 80" ABOVE THE GROUND OR FINISHED FLOOR. SEC. 1121B.1.

8. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE. SEC. 1121B.1.

VII. SWITCHES AND ELECTRICAL OUTLETS

THE CENTER OF ELECTRICAL AND COMMUNICATION SYSTEM RECEPTACLE OUTLETS SHALL BE INSTALLED NOT LESS THAN 15 INCHES ABOVE THE FLOOR OR WORKING PLATFORM. SEC 210-7(G).

2. THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF CONTROLS OR SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES, OR COOLING, HEATING, AND VENTILATING EQUIPMENT SHALL NOT BE MORE THAN 48 INCHES ABOVE THE FLOOR OR WORKING PLATFORM. CEC SEC 380-8(C).

III. PARKING

10. PEDESTRIAN WAYS WHICH ARE ACCESSIBLE TO PEOPLE WITH PHYSICAL DISABILITIES SHALL BE PROVIDED FROM EACH DISABLED PARKING SPACE TO RELATED FACILITIES, INCLUDING CURB CUTS OR RAMPS AS NEEDED. RAMPS SHALL NOT ENCROACH INTO ANY PARKING SPACE. SEC 1129B.2.3.

11. EACH PARKING SPACE RESERVED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH SPACE, CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND, WHEN IN A PATH OF TRAVEL SHALL BE POSTED AT A MINIMUM HEIGHT OF 80" FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE. SEC 1129B.5

12. SIGNS TO IDENTIFY ACCESSIBLE PARKING SPACES MAY ALSO BE CENTERED ON A WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 36" FROM THE PARKING SPACE FINISHED GRADE, GROUND OR SIDEWALK. SEC 1129B.5

13. VAN ACCESSIBLE PARKING SPACES SHALL HAVE AN ADDITIONAL SIGN STATING "VAN ACCESSIBLE" MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY AND POSTED AT A MINIMUM HEIGHT OF 80" FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE. SEC 1129B.5

14. A SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES, OR IMMEDIATELY ADJACENT TO AND VISABLE FROM EACH STALL OR SPACE. THE SIGN SHALL NOT BE LESS THAN 17"X22" IN SIZE WITH LETTERING NOT LESS THAN 1-INCH IN HEIGHT, WHICH CLEARLY STATES THE FOLLOWING: "UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES MAY BE TOWED AWAY AT OWNER'S EXPENCE. TOWED VEHICLES MAY BE RECLAIMED AT _____, OR BY TELEPHONING_____." NOTE: BLANK SPACES ARE TO BE FILLED IN WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN. SEC 1129B.5

15. IN ADDITION TO THE ABOVE SIGNAGE REQUIREMENTS, THE SURFACE OF EACH ACCESSIBLE PARKING SPACE SHALL HAVE A SURFACE IDENTIFICATION DUPLICATING EITHER OF THE FOLLOWING SCHEMES: A) BY OUTLINING OR PAINTING THE STALL OR SPACE IN BLUE AND OUTLINING ON THE GROUND IN THE STALL OR SPACE IN WHITE OR SUITABLE CONTRASTING COLOR A PROFILE VIEW DEPICTING A WHEELCHAIR WITH OCCUPANT. SEC 1118A.5.1 B) BY OUTLINING A PROFILE VIEW OF A WHEELCHAIR WITH OCUPANT IN WHITE ON BLUE BACKGROUND. THE PROFILE VIEW SHALL BE LOCATED SO THAT IT IS VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED IN THE SPACE AND SHALL BE 36 INCHES HIGH BY 36 INCHES WIDE. SEC 1129B.5.1 & 1129B.5.2.

16. ADDITIONAL LANGUAGE OR AN ADDITIONAL SIGN BELOW THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL STATE "MINIMUM FINE \$250." (CBC SECTION 11B-502.6.2)

IV. WALKS & SIDEWALKS

WALKS AND SIDEWALKS SHALL BE 48" MINIMUM IN WIDTH. SEC 1133B.7.1

WALKS AND SIDEWALK SURFACES SHALL BE SLIP-RESISTANT AS FOLLOWS: A) SURFACES WITH A SLOPE OF LESS THAN 6% GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED SURFACE, SEC 1133B.7.1.1; B) SURFACES WITH A SLOPE OF 6% OR GREATER GRADIENT SHALL BE SLIP RESISTANT. SEC 1133B.7.1.2

WALK AND SIDEWALK SURFACE CROSS SLOPES SHALL 3. NOT EXCEED 1/4" PER FOOT EXCEPT WHEN THE ENFORCING AGENCY FINDS THAT DUE TO LOCAL CONDITIONS IT CREATES AN UNREASONABLE HARDSHIP THE CROSS SLOPE CAN BE INCREASED TO A MAXIMUM OF 1/2" PER FOOT FOR DISTANCES NOT TO EXCEED 20'. SEC 1133B.7.3

V. DOORWAYS

EVERY REQUIRED EXIT MUST BE LARGE ENOUGH TO PERMIT A DOOR AT LEAST 3 FEET WIDE AND 6 FEET 8 INCHES HIGH. EXIT DOORS SHALL OPEN AT LEAST 90 DEGREES AND PROVIDE A CLEAR WIDTH OF AT LEAST 32 INCHES. 34 INCH WIDE DOOR IS ACCEPTABLE WITHIN THE UNIT PROVIDED 32 INCH CLEAR OPENING IS MAINTAINED. SEC 1120A.2.2, 1003.3.1.3A, & 1109A.1 EXCEPTION

EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, OR ANY SPECIAL KNOWLEDGE OR EFFORT. EXIT DOORS FROM BUILDINGS OR ROOMS SERVING 10 OR FEWER OCCUPANTS MAY HAVE A NIGHT LATCH, DEADBOLT, OR SECURITY CHAIN, AS LONG AS THE DOORS CAN STILL BE OPENED FROM THE INSIDE WITHOUT A KEY, SPECIAL KNOWLEDGE OR EFFORT. IN ADDITION, THESE DEVICES ARE NOT TO BE MOUNTED MORE THAN 48 INCHES ABOVE THE FLOOR. MANUALLY OPERATED EDGE BOLTS, SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED. WHEN EXIT DOORS ARE USED IN PAIRS AND AUTOMATIC FLUSH BOLTS ARE USED, THE DOOR LEAF WITH THE FLUSH BOLT MUST HAVE NO DOORKNOB OR SURFACE MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF MUST NOT REQUIRE MORE THAN ONE OPERATION. SEC 1120A.2.1 AND 1003.3.1.8.

I. SITE DEVELOPMENT

THE ACCESSIBLE ROUTE OF TRAVEL SHALL BE THE MOST PRACTICAL DIRECT ROUTE BETWEEN ACCESSIBLE BUILDING ENTRANCES, ACCESSIBLE SITE FACILITIES, AND THE ACCESSIBLE ENTRANCE TO THE SITE. SEC 1117A.1

GRADE AND DEVELOP SITE SO THAT ACCESSIBLE ROUTES OF TRAVEL ARE PROVIDED FROM BOTH THE PUBLIC WAY AND THE SPECIAL PARKING SPACE(S) PROVIDED FOR THE DISABLED TO ALL PRIMARY BUILDING ENTRANCES. SEC 1107A.2.1.

II. ACCESSIBLE ROUTE OF TRAVEL

WHEN A BUILDING OR PORTION OF A BUILDING IS REQUIRED TO BE ACCESSIBLE OR ADAPTABLE, AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE PROVIDED TO ALL PORTIONS OF THE BUILDING, TO ACCESSIBLE BUILDING ENTRANCES, AND BETWEEN THE BUILDING AND THE PUBLIC WAY. SEC 1114B.1.2.

AT LEAST ONE ACCESSIBLE ROUTE WITHIN THE BOUNDARY OF THE SITE SHALL BE PROVIDED FROM PUBLIC TRANSPORTATION STOPS, ACCESSIBLE PARKING AND ACCESSIBLE PASSENGER LOADING ZONES, AND PUBLIC STREET OR SIDEWALKS TO THE ACCESSIBLE BUILDING ENTRANCE THEY SERVE. THE ACCESSIBLE ROUTE SHALL, TO MAXIMUM EXTENT FEASIBLE, COINCIDE WITH THE ROUTE FOR GENERAL PUBLIC. SEC 1114B.1.2.

WHERE MORE THAN ONE ROUTE OF TRAVEL IS 3. PROVIDED, ALL ROUTES SHALL BE ACCESSIBLE. SEC 1107A.3.

4. IF AN ACCESSIBLE ROUTE HAS CHANGES IN LEVEL GREATER THAN 1/2 INCH, THEN A CURB RAMP, RAMP, ELEVATOR, OR PLATFORM LIFT SHALL BE PROVIDED. SEC 1133B.7.4.

ACCESSIBLE ROUTE OF TRAVEL SHALL HAVE 80 INCHES MINIMUM CLEAR HEADROOM. IF VERTICAL CLEARANCE OF AN AREA ADJOINING AN ACCESSIBLE ROUTE IS REDUCED TO LESS THAN 80 NOMINAL DIMENSION, A GUARDRAIL OR OTHER BARRIER HAVING ITS LEADING EDGE AT OR BELOW 27 INCHES ABOVE THE FINISHED FLOOR SHALL BE PROVIDED. SEC 1107A.8.

ALL WALKS, HALLS, CORRIDORS, AISLES, AND OTHER SPACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 48 INCHES. 1114B.1.2.

III. PARKING

ACCESSIBLE PARKING SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL TO AN ACCESSIBLE BUILDING. IN BUILDINGS WITH MULTIPLE ACCESSIBLE BUILDING ENTRANCES WITH ADJACENT PARKING, ACCESSIBLE PARKING SPACES SHALL BE DISPERSED AND LOCATED CLOSEST TO THE ACCESSIBLE ENTRANCES. SEC 1129B.1.

2. EACH SPACE SHALL BE 14 FEET WIDE AND OUTLINED TO PROVIDE A 9 FOOT PARKING AREA AND A 5 FOOT LOADING AND UNLOADING AREA. WHERE A SINGLE DISABLED PARKING STALL IS PROVIDED. THE LOADING AND UNLOADING AREA SHALL BE LOCATED ON THE PASSENGER SIDE OF THE VEHICLE. SEC 1129B.4.

5. TWO ADJACENT PARKING SPACES MAY BE PROVIDED WITH A 23 FOOT WIDE AREA LINED TO PROVIDE A 9 FOOT PARKING AREA ON EACH SIDE OF A 5 FOOT LOADING AND UNLOADING AREA IN THE CENTER. THE WORDS "NO PARKING" SHALL BE PAINTED ON THE GROUND WITHIN EACH FIVE FOOT LOADING AND UNLOADING ACCESS AISLES. THIS NOTICE SHALL BE PAINTED IN WHITE LETTERS NOT LESS THAN 12 INCHES HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS. SEC 1129B.4.

6. THE MINIMUM LENGTH OF EACH PARKING SPACE SHALL BE 18 FEET. SEC 1129B.3.2.

7. SURFACE SLOPES OF ACCESSIBLE PARKING SPACES SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 1 UNIT VERTICAL TO 50 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION. SEC 1129B.4.4.

8. IN EACH PARKING AREA, A BUMPER OR CURB SHALL BE PROVIDED AND LOCATED TO PREVENT ENCROACHMENT OF CARS OVER THE REQUIRED WIDTH OF WALKWAYS. SEC 1129B4.3

9. A DISABLED PARKING SPACE SHALL BE SO LOCATED THAT PEOPLE WITH PHYSICAL DISABLITIES ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKED CARS OTHER THAN THEIR OWN. RAMP SHALL NOT ENCROACH INTO ANY ACCESSIBLE PARKING SPACE OR THE ADJACENT ACCESS AISLE. THE MAXIMUM CROSS SLOPE IN ANY DIRECTION FOR BOTH PARKING SPACE AND ACCESS AISLE SHALL NOT EXCEED 2% SLOPE. SEC 1129B.4.3.

Approved For State of California Commercial Modular

MA Consulting & Engineering MACE, LLC. Third Party Design Approval Agency (DAA) Certificate Number: DM1570821

These plans have been approved pursuant to the provisions of The State of California Health and Safety Code, Division 13, Part 2 and California Code of Regulations, Title 25, Chapter 3, Subchapter 2

Plan Approval No. MAC-CM 10045

Approval Date: 9/3/2023 Expiration Date: 11/30/2024

JUSTUS STUDIO, INC.

OWNER: HOME FED

1903 WRIGHT PL SUITE 220 CARLSBAD, CA 92008

P: 949-294-2648

ARCHITECT JUSTUS STUDIO, INC. 4271 KENYON AVENUE LOS ANGELES, CA 9006 CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM

STRUCTURAL: ORION STRUCTURAL GROUP, INC 223 E. THOUSAND OAKS BLVD., #304 THOUSAND OAKS, CA 91360

ELECTRICAL: ARB ELECTRIC, INC. 1401 N EL CAMINO REAL #201 SAN CLEMENTE, CA 92672

MECHANICAL VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

COMMERCIAL MODULAR **MANUFACTURER:** FREE FORM DEVELOPMENT, INC. 1148 INDUSTRIAL AVE. ESCONDIDO, CA 92029

CONTACT: ADAM JUBELA E: ADAM@FREEFORMDC.COM P: 760-801-2384

1960 LA MEDIA PARKWAY NORTH CHULA VISTA, CA 91913



ND,	ISSUE	DATE

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

ACCESSIBILITY NOTES

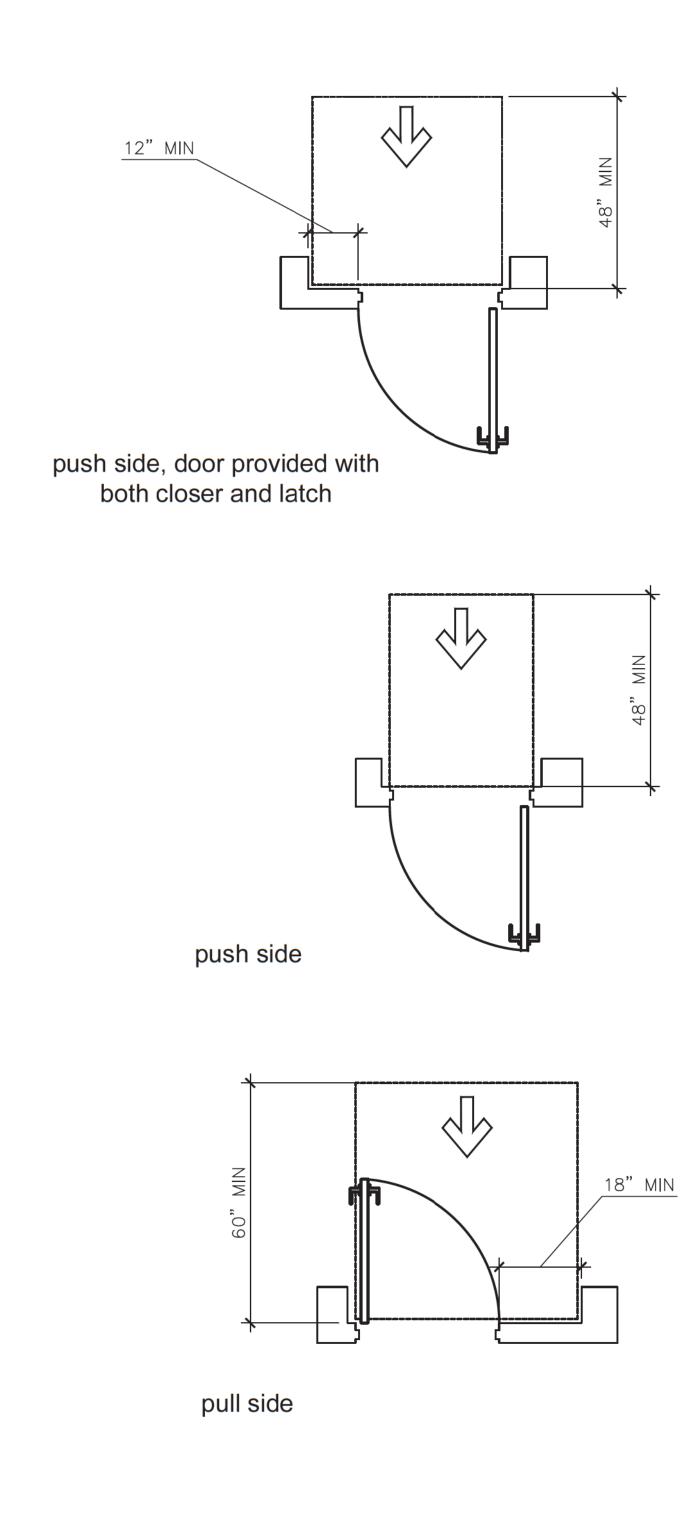
PROJECT 2023-003-00 SCALE AS NOTED DRAWN BY

SHEET NUMBER

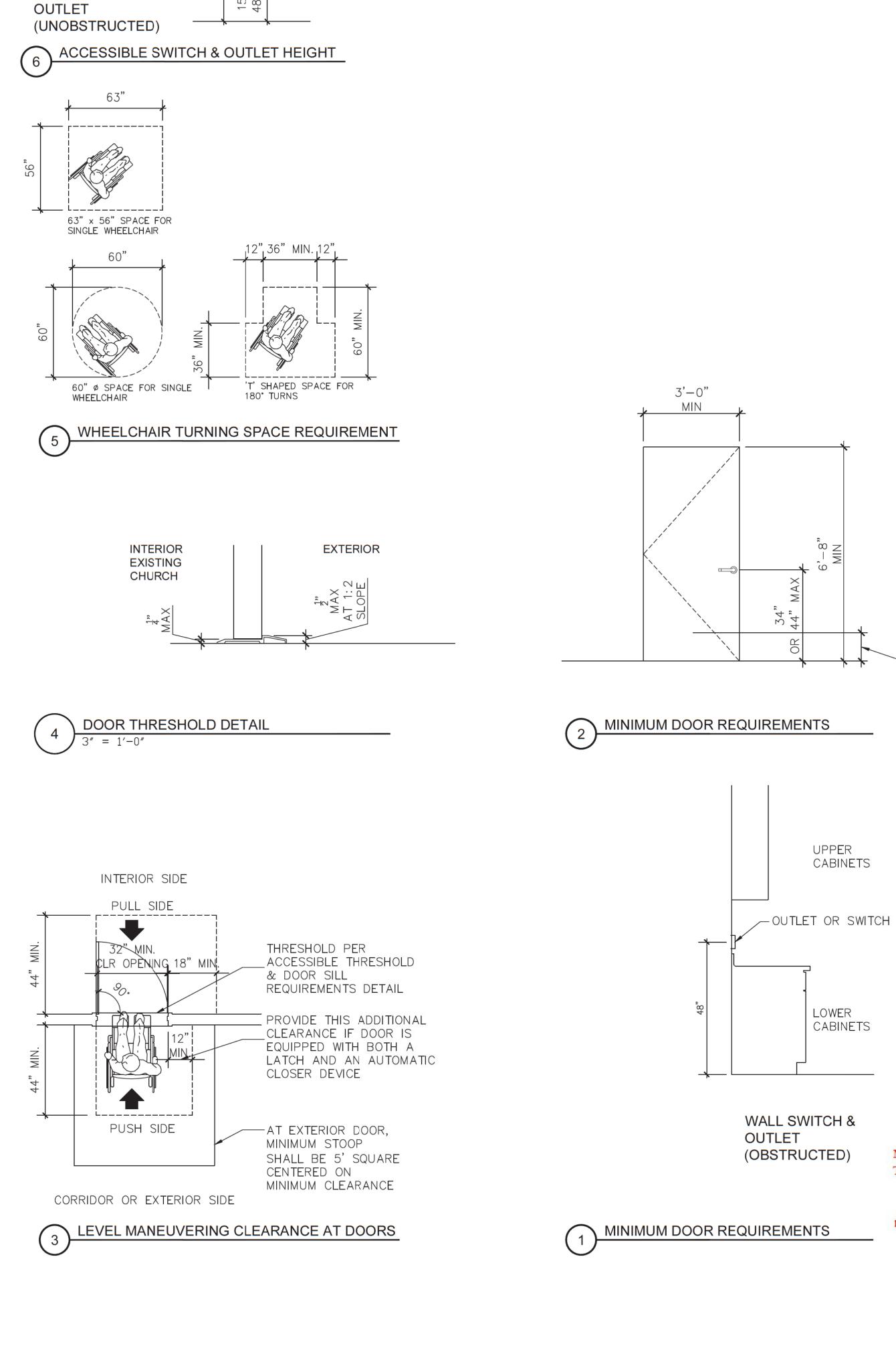
A0-3.00

DATE 07-13-2023 SIZE: 36"x24"

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MINIMUM DOOR REQUIREMENTS



WALL SWITCH &

-OUTLET

JUSTUS STUDIO, INC.

.

OWNER: HOME FED 1903 WRIGHT PL SUITE 220 CARLSBAD, CA 92008

ARCHITECT: JUSTUS STUDIO, INC.

4271 KENYON AVENUE LOS ANGELES, CA 90066 CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM P: 949-294-2648

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ISSUE	DATE
ND.	

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

ACCESSIBLITLY DETAILS

NOTE:

SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED. (CBC SECTION 11B-404.2.10)

> -10" MIN. SMOOTH UNOBSTRUCTED SURFACE

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PROJECT
2023-003-00
SCALE
NTS
DRAWN BY
DATE
07-13-2023

SHEET NUMBER

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A0-3.01

FLOOR FINISH	CEILING FINISH	BASE		WALL F	INISH			PAINT	С
			NORTH	EAST	SOU	ΤН	WEST	1	
BY OWNER	GWB	BY OWNER	FRP	FRP	FR	Р	FRP	WHITE SEMI-GLOSS ENAMEL PAINT	ALL FINIS
									SMOOTH
									EASI
									A
	ABBR ALUM VWP GWB CP	EVIATIONS ALUMINUM VENEER WOOD P/ GYP BOARD CEMENT PLASTER	ANELING CT PT	WOOD STRIP FLOORING CERAMIC TILE PORCELAIN TILE ANODIZED	CONC EC GL WB	CONCR EXPOSE GLASS WOOD	ED CONSTRUCTION		



PT	COLOR	MANUFACTURER	MODEL	NOTES
1	SW 7006 EXTRA WHITE	SHERWIN WILLIAMS	SATIN EXTERIOR	ELASTOMERIC
2	SW 7006 EXTRA WHITE	SHERWIN WILLIAMS	SATIN INTERIOR	



DOOR NUMBER	TYPE		DIMENSION		MATERIAL	PAINT	NOTES
		WIDTH	HEIGHT	THICKNESS			
101	1	3'-0"	7'-0''	-	HOLLOW METAL	EXTERIOR: PT-1	WITH MORTIS LOCK, KICKPLATES, DOOR CLOSER, AND

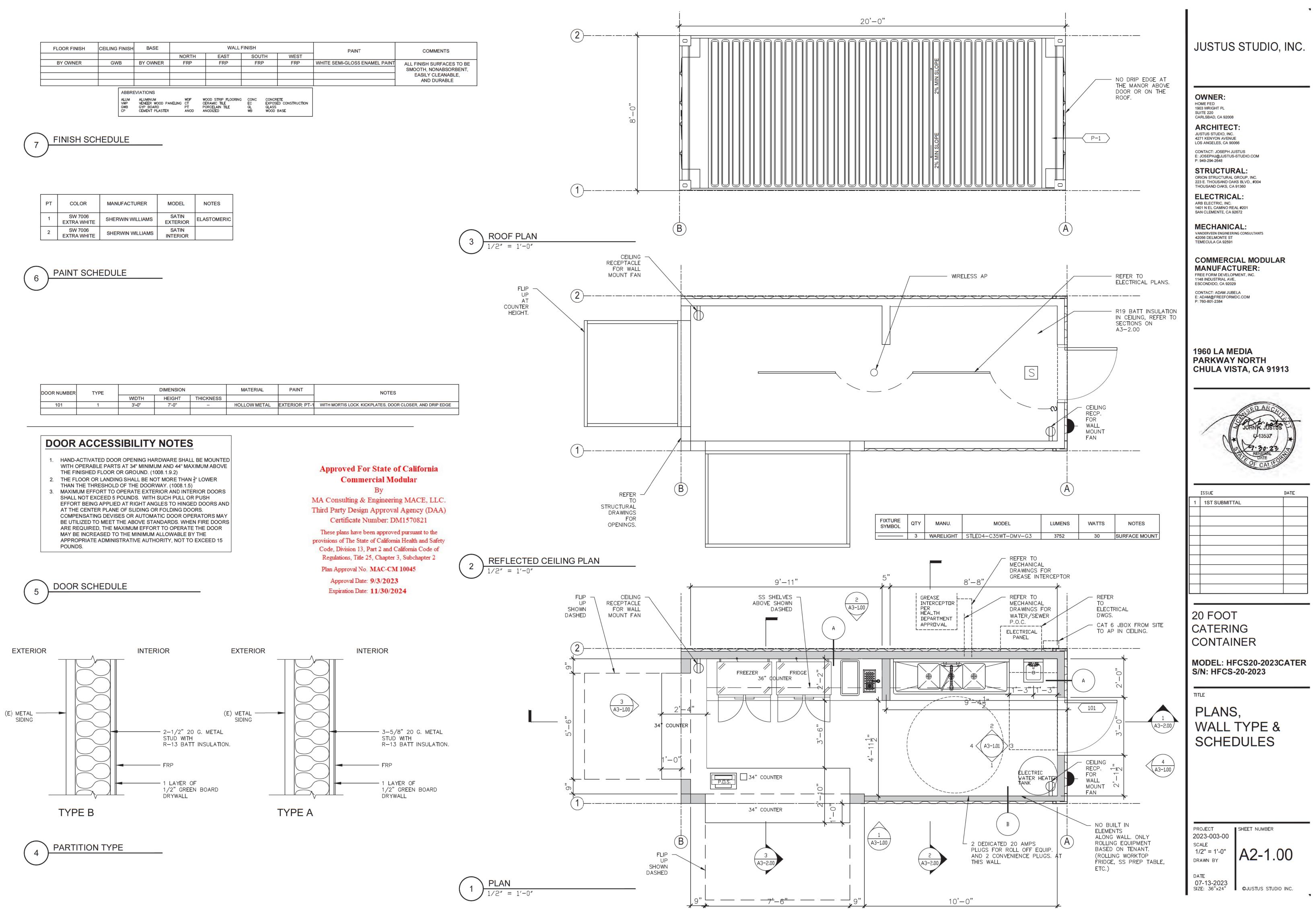
- MAXIMUM EFFORT TO OPERATE EXTERIOR AND INTERIOR DOORS SHALL NOT EXCEED 5 POUNDS. WITH SUCH PULL OR PUSH AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVISES OR AUTOMATIC DOOR OPERATORS MAY ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15

Commercial Modular

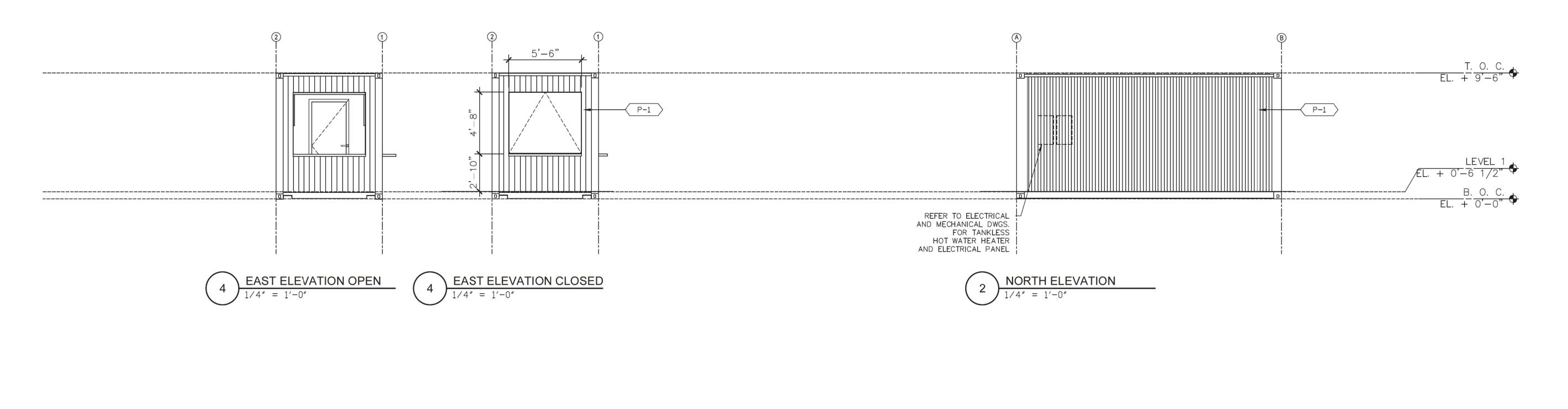
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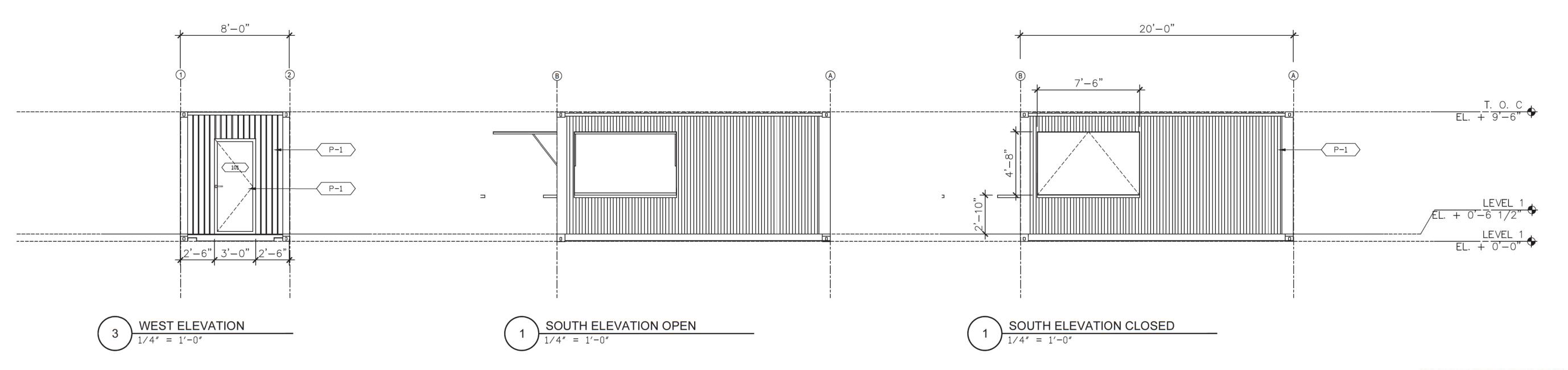
Approval Date: 9/3/2023





	ISSUE	DATE
1	1ST SUBMITTAL	





JUSTUS STUDIO, INC.

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OWNER: HOME FED 1903 WRIGHT PL SUITE 220 CARLSBAD, CA 92008

ARCHITECT: JUSTUS STUDIO, INC. 4271 KENYON AVENUE LOS ANGELES, CA 90066

CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM P: 949-294-2648

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1960 LA MEDIA PARKWAY NORTH CHULA VISTA, CA 91913



ND,	ISSUE	DATE
1	1ST SUBMITTAL	

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

EXTERIOR ELEVATIONS

Approved For State of California **Commercial Modular** By

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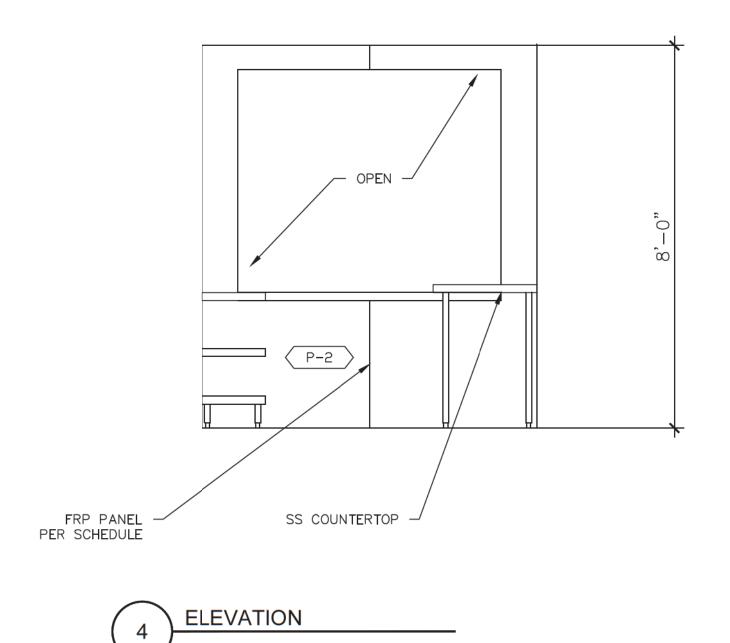
Approval Date: 9/3/2023 Expiration Date: 11/30/2024

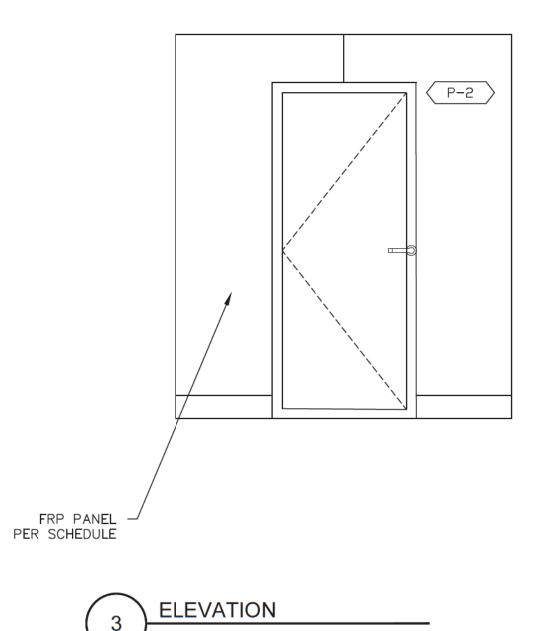
SCALE 1/4" = 1'-0" DRAWN BY DATE 07-13-2023 SIZE: 36"x24" ©JUSTUS STUDIO INC.

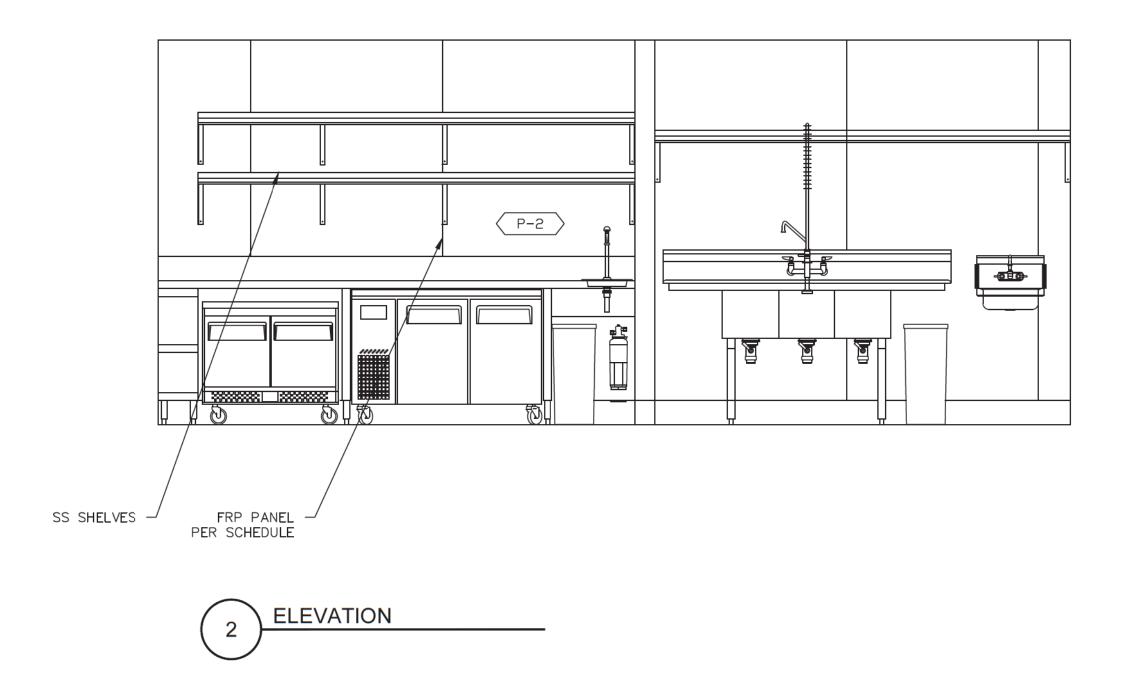
PROJECT 2023-003-00

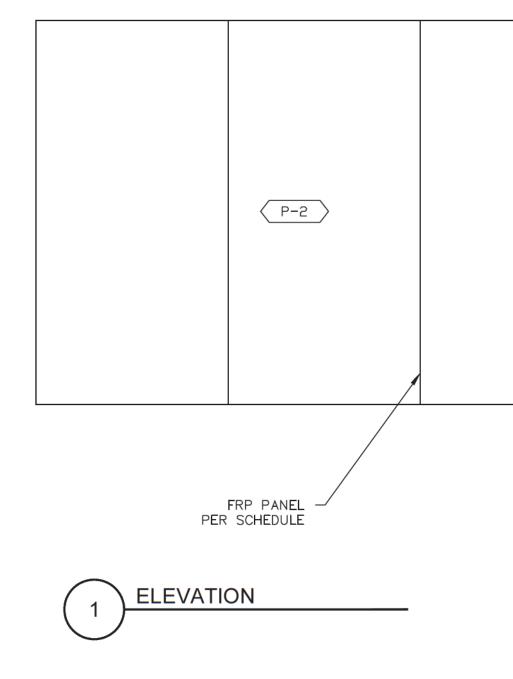
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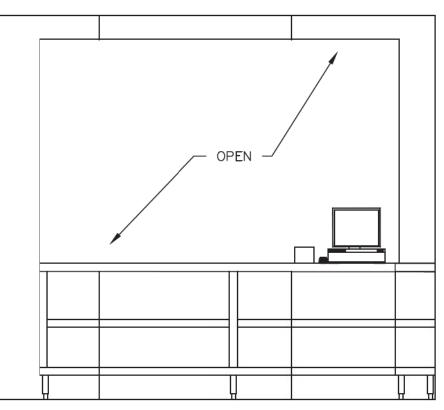
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Approval Date: 9/3/2023 Expiration Date: 11/30/2024

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ND,	ISSUE	DATE
1	1ST SUBMITTAL	

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

INTERIOR ELEVATIONS

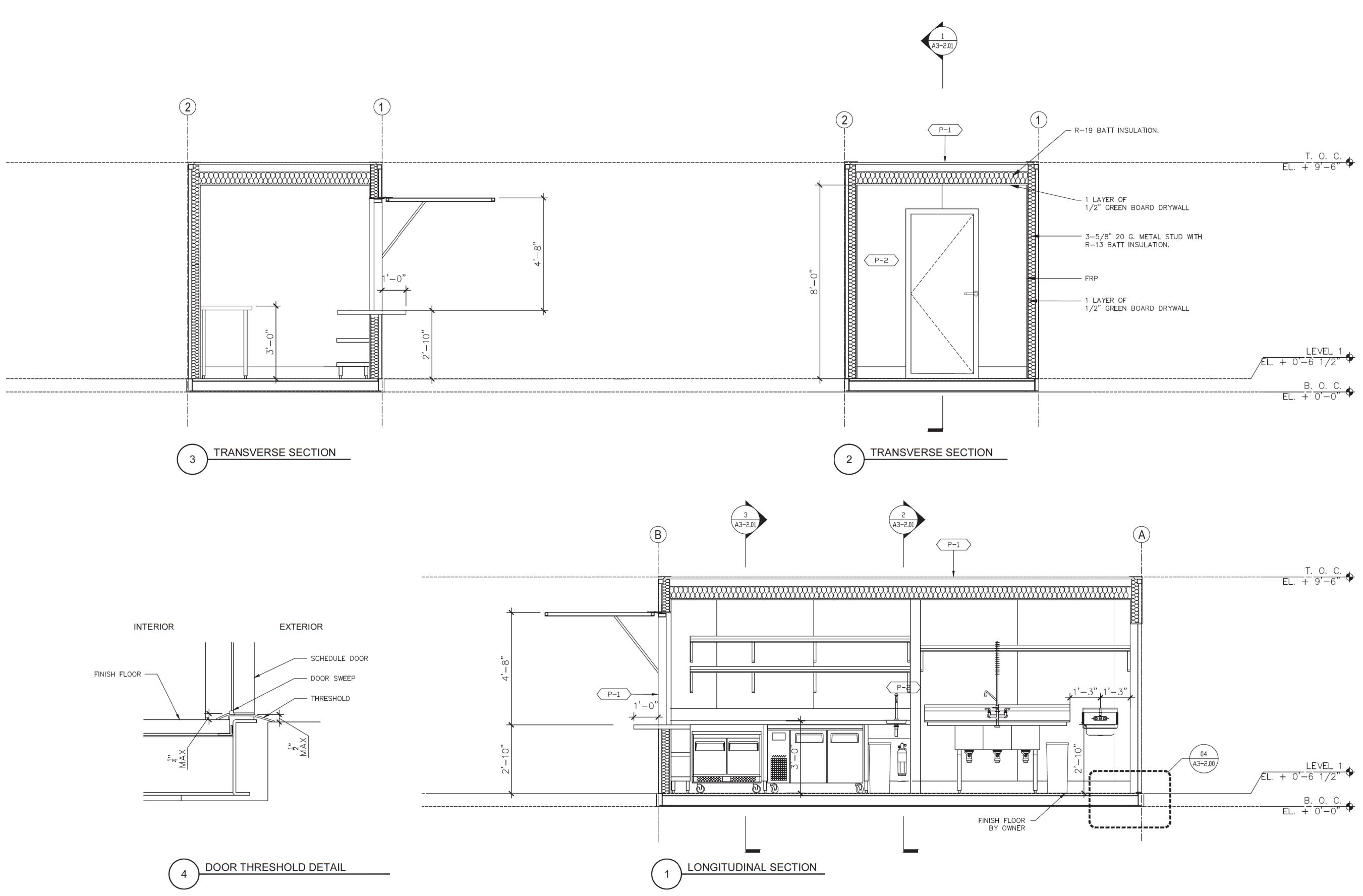
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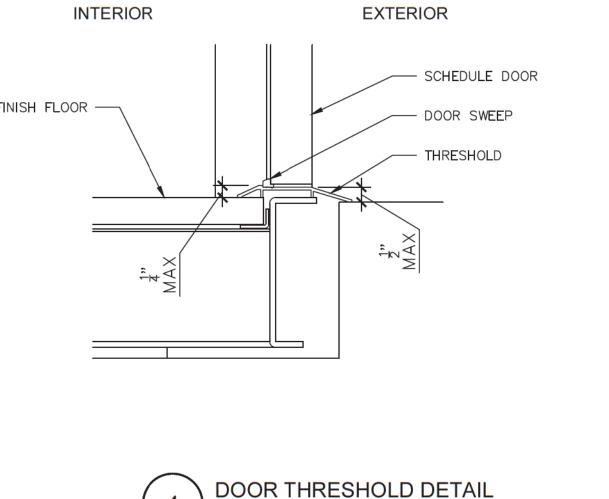
SHEET NUMBER

A3-1.01

DATE 07-13-2023 SIZE: 36"x24" ©JUSTUS STUDIO INC.

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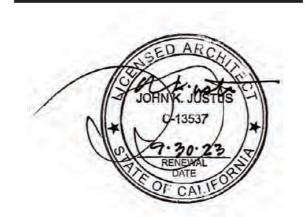
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1960 LA MEDIA PARKWAY NORTH CHULA VISTA, CA 91913



ND,	ISSUE	DATE
1	1ST SUBMITTAL	

20 FOOT CATERING CONTAINER

MODEL: K2G-20 STORAGE S/N: K2G-20-2023-001

TITLE

SECTIONS

PROJECT 2023-003-00 SCALE 1/2" = 1'-0" DRAWN BY

SHEET NUMBER

A3-2.00

DATE 07-13-2023 SIZE: 36"x24" ©JUSTUS STUDIO INC.

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LIGHT GAUGE METAL

- 1. FOR NON-LOAD BEARING METAL STUDS AND CEILINGS SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. FOLLOWING NOTES APPLY
- TO METAL STUDS INDICATED ON STRUCTURAL DRAWINGS. 2. ALL LIGHT GAUGE METAL FRAMING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AISI "SPECIFICATIONS FOR DESIGN OF COLD FORMED
- STEEL STRUCTURAL MEMBERS" 2007 EDITION.
- 3. ALL LIGHT GAUGE METAL FRAMING SHALL BE AS NOTED BELOW: INTERIOR AND EXTERIOR STUDS: GALVANIZED CONFORMING TO ASTM A123 COATING CLASS G60.
- 4. ALL LIGHT GAUGE METAL FRAMING SHALL CONFORM WITH THE FOLLOWING:
 - GALVANIZED STUDS, JOISTS, TRACKS, END CLOSURES, BRIDGING, ACCESSORIES AN STRAPS (12 (97), 14 (68) AND 16 (54) GAUGE): ASTM A653,GRADE 50, (Fy_min.= 50,000 psi, Fu_min.=65,000 psi)
 - GALVANIZED STUDS, JOISTS, TRACKS, END CLOSURES, BRIDGING, ACCESSORIES AND STRAPS (18 (43) AND 20 (33) GAUGE): ASTM A653,
 - GRADE 33, (Fy_min.= 33,000 psi, Fu_min.=45,000 psi)
 - GALVANIZED BACKING PLATES: ASTM A653, GRADE 50, (Fy_min.= 50,000 psi, Fu_min.=65,000 psi)
- 5. DOUBLE VERTICAL STUDS SHALL BE STITCH WELDED TOGETHER ON BOTH FLANGES WITH 1/16" GROOVE WELDS X
- 1" LONG AT 12" ON CENTER, UNO ON DRAWINGS. 6. TOP AND BOTTOM STUD TRACKS FOR INTERIOR PARTITIONS SHALL BE 16 GA. MATERIAL WITH 1.5" FLANGES, UNO
- ON DRAWINGS. 7. TOP STUDS TRACKS FOR EXTERIOR WALLS SHALL BE 16 GA MATERIAL WITH 1.5" FLANGES: BOTTOM STUD TRACKS
- FOR EXTERIOR WALLS SHALL BE 16 GA MATERIAL WITH 1.5" FLANGES, UNO ON DRAWINGS. 8. DEEP LEG TRACK FOR EXTERIOR WALLS SHALL BE 16GA MATERIAL WITH 2" FLANGES, UNO ON DRAWINGS.
- DOUBLE JOIST ARE BACK TO BACK U.N.O.
- 10. ALL LIGHT GAUGE FRAMING MEMBERS SHALL BE CLARK DIETRICH PER LA CITY RR 25889. 11. SUBMIT SHOP DRAWINGS FOR REVIEW.
- 12. ALL METAL STUDS AND JOISTS SHALL HAVE STIFFENED FLANGES. SEE DRAWINGS FOR DETAILS ON CONNECTIONS, BRACING, BRIDGING, ETC.
- 13. CUT FRAMING COMPONENTS, SUCH AS BRACING, SQUARELY OR AT AN ANGLE TO FIT TIGHT AGAINST ABUTTING MEMBERS. HOLD MEMBERS FIRMLY IN POSITION UNTIL PROPERLY FASTENED.
- 14. ALL BEARING STUDS MUST BE FULLY ATTACHED TO THE WALL LEDGER. ALL STUDS SHALL BE SPACED AT SAME SPACING AS JOIST (IN LINE FRAMING). ALL BEARING STUDS, COLUMNS AND BUILT UP STUDS SHALL HAVE CONTINUOUS BEARING DOWN TO FOUNDATION U.N.O. SOLID BLOCKING AT FLOORS SHALL BE PROVIDED. 15. CUTTING FLANGES AND STIFFENER LIPS OF LOAD BEARING STUDS IS PROHIBITED, NO STUD NOTCHING IS PERMITTED IN BEARING
- WALLS U.N.O. 16. OPENING IN STUD/JOIST WEBS OTHER THAN THE STANDARD PUNCHOUTS BY MANUFACTURER ARE PROHIBITED UNLESS SPECIFICALLY DESIGNED AND DETAILED BY ENGINEER. NO PUNCHOUT SHALL BE ALLOWED WITHIN 24" OF THE SUPPORT OR
- POINT LOAD. 17. BRIDGING SHALL BE PROVIDED FOR ALL JOISTS @ 8'-0" O.C.MAX.
- 18. ATTACH STUDS USING PLUG, BUTT OR SEAM WELDS, UNLESS NOTED OTHERWISE. WHERE STUDS ARE BURNED THROUGH BY WELDING, PROVIDE SUITABLE STITCH PLATE OF SAME GAUGE. SPLICES IN AXIAL LOADED STUDS OR BRACES ARE NOT PERMITTED. PROVIDE BUTT WELDS OR SPLICES AT JOINTS IN TRACK. WRE TYING OF FRAMING COMPONENTS IS NOT PERMITTED. 19. PREFABRICATED PANELS SHALL BE SQUARED AND BRACED TO AVOID RACKING. LIFT PREFABRICATED PANELS IN A MANNER SO
- AS NOT TO CAUSE LOCAL DISTORTION OF ANY MEMBER. 20. ALL SHEET METAL SCREWS SHALL EXTEND THROUGH METAL FRAMING AND STRUCTURAL STEEL A MINIMUM OF \prime " OR 3 EXPOSED THREADS WHICHEVER IS GREATER.
- 21. ALL LIGHT METAL GAUGE TO METAL FASTENERS INDICATED ON THESE DRAWINGS ARE QUICK DRIVE COLD FORMED SELF-DRILLING/SELF-TAPPING STEEL SCREWS AS MANUFACTURED BY SIMPSON STRONG-TIE (LARR 25670). SCREWS SHALL HAVE A MINIMUM EDGE DISTANCE OF 1/2" FASTENERS SHALL BE AS FOLLOWS:

APPLICATION	FASTENER
LIGHT GAUGE:	18 GA. OR 20 GA#8 MODIFIED TRUSS HEAD
TRACK TO STUD:	16 GA#10 PANCAKE HEAD
ALL OTHER LIGHT GAUGE METAL:	18 GA. OR 20 GA#8 WASHER HEAD
TO LIGHT GAUGE METAL:	16 GA#10 HEX WASHER HEAD CONNECTION

22. ALL LIGHT GAUGE METAL TO STRUCTURAL STEEL FASTENERS SHALL BE HILTI X-AL-H POWER DRIVEN FASTENER (LARR 25646, ICC ESR-1663):

APPLICATION	FASTENER SHANK DI
STRUCTURAL STEEL THICKNESS	<=¼" 0.145"
$\frac{1}{4} \le \text{STRUCTURAL STEEL THICKN}$	IESS <u><</u> ¾" 0.158"
3/4" < STRUCTURAL STEEL THICK	NESS 0.177"

23. THE CONTRACTOR IS PROHIBITED FROM USING TORCHES TO BURN HOLES IN TRACKS OR STUDS

STRUCTURAL STEEL WELDING

- 1. ALL WELDING SHALL BE IN STRICT CONFORMANCE WITH THE LATEST EDITION OF AWS D1.1 AND THE 2022 CALIFORNIA BUILDING CODE.
- 2. ALL WELDING ELECTRODES (FILLER METAL) SHALL BE E7XXX (70 KSI), U.N.O., AND SHALL BE LOW HYDROGEN TYPES. FIELD WELDING OF FULL AND PARTIAL PENETRATION WELDS OF THE STEEL MOMENT FRAME CONNECTIONS BETWEEN MOMENT FRAME BEAMS AND MOMENT FRAME COLUMNS SHALL BE BY SHIELDED METAL ARC PROCESS USING LOW HYDROGEN ELECTRODES
- 3. ALL WELDS SHALL HAVE A FILLER METAL WITH CHARPY V-NOTCH TOUGHNESS OF 20 FT/LBS AVERAGE AT -20 DEGREES FAHRENHEIT AND 40 FT/LBS @ 70 DEGREES FAHRENHEIT. CERTIFY CONFORMANCE TO CHARPY V-NOTCH TOUGHNESS REQUIREMENTS WITH TESTS BY AN INDEPENDENT TESTING LABORATORY.
- LENGTHS OF WELDS ARE EFFECTIVE LENGTHS AS SPECIFIED IN THE APPLICABLE CODE. WHERE LENGTH OF WELD IS NOT SHOWN I SHALL BE FULL LENGTH OF JOINT. ALL BUTT WELDS SHALL BE FULL PENETRATION, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL PROVIDE FIELD WELDING AS REQUIRED FOR CONSTRUCTION. WHERE FIELD WELDING IS NOTED. THE DESIGNATION IS GIVEN AS A SUGGESTED CONSTRUCTION PROCEDURE ONLY.
- ALL SHOP WELDS SHALL BE PERFORMED BY A LICENSED FABRICATOR.
- ALL WELDERS SHALL BE QUALIFIED FOR THE WORK THEY WILL BE DOING & SHALL HAVE CURRENT CERTIFICATIONS BY AWS & THE CITY OF LOS ANGELES.
- FACES OF FILLET WELDS EXPOSED TO VIEW SHALL HAVE AS-WELDED SURFACES THAT ARE REASONABLY SMOOTH AND UNIFORM. NO FINISHING OR GRINDING SHALL BE REQUIRED, EXCEPT WHERE CLEARANCES OR FIT OF OTHER ITEMS MAY SO NECESSITATE.
- ALL PARTIAL AND FULL PENETRATION WELDS WHICH ARE EXPOSED TO VIEW SHALL BE GROUND SMOOTH AND FLUSH WITH FINISH SURFACE OF STEEL. HOLES SHALL BE FILLED WITH WELD METAL OR BODY SOLDER AND SMOOTHED BY GRINDING OR FILING.
- 10. CLEAN GROOVE PREPARATION THERMAL CUTS BY GRINDING.
- 11. WELDS SHALL BE TERMINATED AT THE END OF A JOINT IN A MANNER THAT WILL ENSURE SOUND WELDS. WHENEVER NECESSARY THIS SHALL BE DONE BY USE OF EXTENSION BARS AND RUN OFF TABS.
- 12. ALL WELDED JOINTS SHALL BE PRE-QUALIFIED PER THE LATEST EDITION OF AWS D1.1. NON PRE- QUALIFIED WELDED JOINTS SHALL BE QUALIFIED BY TEST & PROCEDURE QUALIFICATION TEST RECORD INCLUDED PER THE LATEST EDITION OF AWS D1.1.
- 13. THE CONTRACTOR SHALL SUBMIT ALL WELDING PROCEDURE SPECIFICATIONS (WPS) TO BE USED ON THE PROJECT PER THE LATEST EDITION OF AWS D1.1. THE WPS SHALL INCLUDE ALL MANUFACTURER'S DATA SHEETS FOR ALL WELDING MATERIALS TO BE USED. THE DATA SHEETS SHALL DESCRIBE THE PRODUCTS, LIMITATIONS OF USE, RECOMMENDED WELDING PARAMETERS, AND STORAGE AND EXPOSURE REQUIREMENTS.
- 14. ELECTRODES SHALL BE RECEIVED AND STORED IN THE ORIGINAL, UNDAMAGED MANUFACTURER PACKAGING, UNTIL READY FOR USE. WHEN WELDING IS TO BE SUSPENDED FOR MORE THAN 8 HOURS, ELECTRODES SHALL BE REMOVED FROM THE MACHINES AND STORED IN AN ELECTRODE WIRE OVEN MAINTAINED AT A TEMPERATURE BETWEEN 250 DEGREES AND 550 DEGREES OR AS RECOMMENDED BY THE MANUFACTURER. ELECTRODES NOT CONSUMED WITHIN 24 HOURS OF ACCUMULATED EXPOSURE OUTSIDE CLOSED OR HEATED STORAGE SHALL NOT BE USED.
- 15. ALL BOTTOM FLANGE BACKING BARS SHALL BE REMOVED. FOLLOWING REMOVAL OF BACKING, THE ROOT PASS SHALL BE BACKGOUGED TO SOUND WELD METAL AND BACKWELDED UNTIL FLUSH OR WITH SLIGHT REINFORCEMENT. THE SURFACE SHALL BE GROUND SMOOTH TO A SURFACE ROUGHNESS NOT TO EXCEED 500 MICROINCHES.

REINFORCEMENT

- BARS MAY BE GRADE 40 FOR AVAILABILITY)
- GRADE 75
- ASTM A-706 [Fy=60 KSI].
- C. SMOOTH DOWELS IN SLAB ON GRADE: ASTM A36, 36 KSI
- DRAWINGS. WHERE SHOWN ON THE DRAWINGS, THE FOLLOWING SHALL APPLY:
- A. WELDED REBAR SHALL COMPLY WITH ASTM A-706 [Fy=60 KSI] B. WELDING SHALL CONFORM TO AWS D1.4 C. WELDING OF REINFORCING STEEL SHALL BE PERFORMED BY WELDERS CERTIFIED BY THE CITY OF LA.

D. USE E90XX ELECTRODES

4. REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVER. SEE ACI FOR TOLERANCES:

SHEETS TO PREVENT CONTINUOUS LAPS.

- A. CONCRETE POURED AGAINST EARTH:
- B. FORMED CONCRETE IN CONTACT WITH EARTH: C. CONCRETE EXPOSED TO WEATHER (#6 AND LARGER)
- D. CONCRETE EXPOSED TO WEATHER (#5 AND SMALLER
- E. SLABS (INCLUDING SLAB SUPPORTING EARTH), WALLS AND JOISTS NOT EXPOSED TO WEATHER (#11 AND SM/
- F. OTHER CONCRETE NOT EXPOSED TO WEATHER:
- FACE AND HAVE A 90 DEGREE HOOK, UNLESS OTHERWISE SHOWN.
- CHAIRED UP.
- SPACING, THE LAYER WITH THE MOST STEEL SHALL BE PLACED CLOSEST TO THE NEAR SURFACE.
- REINFORCING STEEL AND CONCRETE.
- ALL LAP SPLICES ARE CLASS 'B' LAP SPLICES UNLESS NOTED OTHERWISE.
- WHICHEVER IS LARGER. UNLESS NOTED OTHERWISE
- ARCHITECTURAL CONCRETE FILLS ABOVE THE STRUCTURAL SLAB.
- DETAILS.
- EXCEPTION.
- 15. CONCRETE SLABS SHALL HAVE A MINIMUM REINFORCEMENT PERCENTAGE OF 0.0018 EACH WAY CONTINUOUS.

CONCRETE NOTES

- ARCHITECT AND THE ENGINEER. COMPRESSIVE STRENGTH TEST REPORTS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND THE ARCHITECT
- WATER USED IN MIXING CONCRETE SHALL CONFORM TO ASTM C1602.
- PLACING CONCRETE
- CONCRETE.
- (MAXIMUM WATER/CEMENT RATIO TO BE 0.45).
- A. CONCRETE FOUNDATIONS B. CONCRETE FILL ON METAL DECK.
- ALL STRUCTURAL CONCRETE IS TO BE REINFORCED.
- ULTIMATE COMPRESSIVE STRENGTH OF 14,000 PSI AT 28 DAYS (DEPUTY INSP. REQ.'D.

ALL TYPICAL REINFORCING BARS SHALL CONFORM TO ASTM A-615, GRADE 60, UNLESS NOTED OTHERWISE ON THE DRAWINGS (#3 1.

A. SPIRALS SHALL BE COLD DRAWN BARS CONFORMING TO ASTM A-82. REINFORCING FOR DIAPHRAGMS AND FOUNDATIONS MAY BE GRADE 75 IN LIEU OF GRADE 60, AT THE CONTRACTOR'S OPTION. MAINTAIN OVERALL CAPACITY OF ELEMENTS WHERE REINFORCING IS PROPOSED FOR USE. IN GENERAL. REDUCE REQUIRED STEEL AREA IN PROPORTION TO RATIO OF YIELD STRENGTH. MAINTAIN BAR SPACING SHOWN ON PLANS, DETAILS, AND SCHEDULES. B. MOMENT FRAME LONGITUDINAL REBAR, SHEAR WALL VERTICAL REBAR, AND COUPLING BEAM LONGITUDINAL REBAR SHALL BE

WELDING OF REINFORCEMENT (INCLUDING TACK WELDING) SHALL BE NOT BE DONE UNLESS SPECIFICALLY SHOWN ON THE

WELDED WIRE FABRIC SHALL BE MADE OF COLD DRAWN WIRE AND SHALL CONFORM TO ASTM A-185 [Fy=65 KSI]. MINIMUM LAP AT SPLICES OF 12 INCHES. PROVIDE MESH IN FLAT SHEETS ONLY. ROLLED MESH IS NOT ACCEPTABLE. OFFSET END-LAPS IN ADJACENT

	3"
	2"
:	2"
R):	1½
S,	
ALLER):	1"
	1 1/1

#5 AND LARGER REINFORCING BARS SHALL NOT BE SPLICED EXCEPT AS LOCATED AND DETAILED ON THE DRAWINGS. #4 AND SMALLER BARS WITH LENGTHS NOT SHOWN SHALL BE CONTINUOUS. PROVIDE CLASS 'B' SPLICE UNLESS NOTED OTHERWISE. AL BARS IN MASONRY SHALL BE CONTINUOUS, LAPPING 48 BAR DIAMETERS, 2'-0" MINIMUM, HORIZONTAL WALL SPLICES SHALL BE STAGGERED. VERTICAL BARS SHALL NOT BE SPLICED EXCEPT AT HORIZONTAL SUPPORTS, SUCH AS FLOOR OR ROOF, UNLESS DETAILED OTHERWISE. ALL BARS ENDING AT THE FACE OF A WALL, COLUMN, OR BEAM SHALL EXTEND TO WITHIN 2" OF THE FAR

BARS SHALL BE FIRMLY SUPPORTED AND ACCURATELY PLACED AS REQUIRED BY THE ACI STANDARDS, USING TIE AND SUPPORT BARS IN ADDITION TO REINFORCEMENT SHOWN WHERE NECESSARY FOR FIRM AND ACCURATE PLACING. PROVIDE DOWELS TO MATCH ALL REINFORCEMENT AT POUR JOINTS, UNLESS SHOWN OR NOTED OTHERWISE. ALL DOWELS AND BOLTS SHALL BE ACCURATELY SET IN PLACE BEFORE PLACING CONCRETE. NO WELDING OF REINFORCEMENT (INCLUDING TACK WELDING) SHALL BE DONE UNLESS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER. ALL SLAB AND BEAM REINFORCEMENT SHALL BE

IN WALL REINFORCING, CURTAINS CONTAINING VERTICAL AND HORIZONTAL BARS OF THE SAME SIZE, VERTICAL BARS SHALL BE PLACED CLOSEST TO THE WALL SURFACE. IN CURTAINS WHICH VERTICAL AND HORIZONTAL BARS ARE OF DIFFERENT SIZES OR

DRAWINGS SHOW TYPICAL REINFORCING CONDITIONS. CONTRACTOR SHALL PREPARE DETAILED PLACEMENT DRAWINGS OF ALL CONDITIONS SHOWING QUANTITY, SPACING, SIZES, CLEARANCES, LAPS, INTERSECTIONS, AND COVERAGE REQUIRED BY THE STRUCTURAL DETAILS, APPLICABLE CODE, AND TRADE STANDARDS. CONTRACTOR SHALL NOTIFY REINFORCING INSPECTOR OF ANY ADJUSTMENTS FROM TYPICAL CONDITIONS WHICH ARE PROPOSED IN PLACEMENT DRAWINGS TO FACILITATE FIELD PLACEMENT OF

ALL PRINCIPAL REBAR SHALL TERMINATE WITH A STANDARD HOOK MINIMUM UNLESS SPECIFICALLY DETAILED OTHERWISE. REBAR BENDS SHALL BE MADE COLD. REBAR SHALL NOT BE BENT AFTER ANY PORTION OF THE BAR IS ENCASED IN CONCRETE.

11. ALL WALL FOOTING REINFORCEMENT SHALL BEND AROUND ALL CORNERS AND EXTEND 36 BAR DIAMETERS OR 18 INCHES 5. SPLICE MEMBERS ONLY WHERE INDICATED.

12. ALL SLABS ON GRADE LESS THAN 6" IN THICKNESS SHALL BE REINFORCED WITH #4 REBARS AT 16 INCHES ON CENTERS EACH WAY UNLESS NOTED OTHERWISE. PROVIDE ONE (1) LAYER OF 6X6/W2.9XW2.9 WELDED WIRE FABRIC CONTINUOUS FOR EVERY 3"

13. ALL MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT PADS LESS THAN 4" THICK SHALL BE REINFORCED WITH AT LEAST ONE (1) LAYER OF 6X6/W2.9XW2.9 WELDED WIRE FABRIC AND HAVE HOOKED DOWELS (#3 AT 12' ON CENTERS) INTO THE STRUCTURAL SLAB. UNLESS NOTED OTHERWISE. FOR PADS GREATER THAN 4 INCHES THICK, USE REINFORCING AS SHOWN IN THE TYPICAL

ADDITIONAL REINFORCEMENT SHALL BE PROVIDED AROUND ALL SLAB AND WALL OPENINGS INCLUDING DIAGONAL BARS WITHOUT

ALL STRUCTURAL CONCRETE ELEMENTS REQUIRE REINFORCEMENT SINCE NO PLAIN CONCRETE ELEMENTS ARE USED. ALL

CONCRETE MIXES SHALL BE DESIGNED BY A RECOGNIZED TESTING LABORATORY AND COPIES OF THE DESIGN SHALL BE SENT TO THE

PORTLAND CEMENT SHALL CONFORM TO ASTM C-150. TYPE II. AGGREGATE FOR STONE CONCRETE SHALL CONFORM TO ASTM C-33.

ALL REINFORCING BARS, ANCHOR BOLTS, AND ALL OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO

THE MAXIMUM SLUMP SHALL NOT EXCEED 4" +/- 1" FOR FOOTINGS, SLABS ON EARTH, AND MASS CONCRETE, AND 5" +/- 1" FOR OTHER

MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS: (MINIMUM 5 SACKS OF CEMENT PER CUBIC YARD)

...2,500 P.S.I. (NORMAL WEIGHT)2,500 P.S.I. (NORMAL WEIGHT)

7. HIGH STRENGTH GROUT SHALL BE QUIKRETE NON-SHRINK PRECISION GROUT PER ASTMC109/C109M AND SHALL HAVE A MINIMUM

FOUNDATIONS

2

5.

- THE DESIGN OF THE FOUNDATION SYSTEM IS BASED UPON THE CRITERIA AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL INVESTIGATION REPORT COMPLETED BY ADVANCED GEOTECHNICAL SOLUTIONS, INC. ENTITLED "PRECISE GRADING PLAN REVIEW, CENTRAL SQUARE PARK, OTAY RANCH VILLAGE 8 WEST, CITY OF CHULA VISTA" DATED MAY 19, 2022, REPORT NO. 2205-03-B-2 AND "SUPPLEMENTAL RECOMMENDATIONS FOR THE MODULAR RESTROOM AND TRASH ENCLOSURE STRUCTURES, CENTRAL SQUARE PARK, OTAY RANCH VILLAGE 8 WEST, CITY OF CHULA VISTA, CA" DATED MARCH 27, 2023 REPORT NO 2205-03-B-4
- THE GEOTECHNICAL INVESTIGATION REPORT AND ITS RECOMMENDATIONS SHALL BE FOLLOWED AND SHALL BE CONSIDERED MINIMUM REQUIREMENTS UNLESS MORE STRINGENT REQUIREMENTS ARE PRESENTED IN THE SPECIFICATIONS OR ON THE DRAWINGS. PROVIDE OVER-EXCAVATION AND RE-COMPACTION PER THE GEOTECHNICAL REPORT.

PER GEOTECHNICAL INVESTIGATION REPORT, THE ALLOWABLE SOIL BEARING PRESSURES AND MIN. WIDTH OF FOOTINGS ARE AS FOLLOWS:(6" MIN. EMBED.)

A. FOOTINGS SHALL BE 15" MIN WIDE AND HAVE AN ALLOWABLE BEARING PRESSURE OF 1500 PSF

- REMOVE LOOSE SOIL AND STANDING WATER FROM FOUNDATION EXCAVATIONS PRIOR TO PLACING CONCRETE. THE GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE ALL EXCAVATIONS, SOIL COMPACTION WORK PRIOR TO PLACEMENT OF ANY REBAR OR CONCRETE, SHORING INSTALLATIONS, BACKFILL MATERIALS AND BACK FILLING PROCEDURES.
- REMOVE ABANDONED FOOTINGS, UTILITIES, ETC. WHICH INTERFERE WITH NEW CONSTRUCTION, UNLESS OTHERWISE INDICATED.
- NOTIFY THE OWNER'S REPRESENTATIVE IF ANY BURIED STRUCTURES NOT INDICATED, SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC., ARE FOUND.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, UNDERPINNING AND PROTECTION OF EXISTING CONSTRUCTION.
- PLACE BACKFILL BEHIND RETAINING WALLS AFTER CONCRETE OR MASONRY HAS ATTAINED FULL DESIGN STRENGTH. BRACE BUILDING AND PIT WALLS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHED FLOORS AND SLABS ON GRADE ARE COMPLETE AND HAVE ATTAINED FULL DESIGN STRENGTH.

STRUCTURAL STEEL

FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AND THE LATEST EDITION OF AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS. WHERE THE STRUCTURAL STEEL IS EXPOSED, FABRICATION AND ERECTION SHALL ALSO BE IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE FOR ARCHITECTURALLY EXPOSED STRUCTURAL STEEL.

STRUCTURAL STEEL SHALL CONFORM TO ASTM DESIGNATION AS INDICATED BELOW (U.N.O.)

A.	ALL WIDE FLANGE SHAPES	A992, GRADE 50		CONS
В.	STEEL ANGLES	A36		CALIF
С.	ALL PLATES	A36		
D.	HSS (RECTANGULAR AND SQUARE)	A500, GRADE B OR C	13.	THE (
E.	HSS (ROUND)	A500, GRADE B OR C		SITE
F.	PIPE COLUMNS	A53, GRADE B		CONS
G.	CHANNELS (C AND MC SECTIONS)	A36		
H.	ALL OTHER STRUCTURAL SECTIONS	A572, GRADE 50	14.	THE (
I.	STEEL TO STEEL CONNECTION BOLTS	A325X		FACIL
J.	ANCHOR BOLTS, MACHINE BOLTS, THREADED RODS	GRADE 36 (F1554 GR36, A36, A307-S1)		
Κ.	NUTS FOR BOLTS AND MACHINE BOLTS	A563	15.	A CO
L.	HARDENED WASHERS	F436		SITE.
М.	UNHARDENED WASHERS	F844		
Ν.	PLAIN WASHERS	ANSI B18.22.1	16.	ATTA
Ο.	BEVELED WASHERS	ANSI B18.23.1		NON-S
				SPEC
3. ALL	STEEL SHALL BE PROVIDED BY A LICENSED FABRICATOR.			HANG
				HVAC
4. WH	EN FABRICATING SIMPLY SUPPORTED BEAMS, PLACE NATURAL CAMBER UP.			GRAT

- HIGH STRENGTH BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS. HIGH STRENGTH BOLTS SHALL BE BEARING TYPE WITH THREADS EXCLUDED FROM THE FROM THE SHEAR PLANES (I.E. A325-X) UNLESS NOTED OTHERWISE.
- ALL BOLTED CONNECTIONS SHALL HAVE A MINIMUM OF TWO BOLTS UNLESS SHOWN OTHERWISE, MINIMUM SIZE OF BOLTS FOR STRUCTURAL STEEL CONNECTIONS SHALL BE 3/4" DIA. EXCEPT WHEN OTHERWISE SHOWN OR NOTED.
- ALL HOLES SHALL BE STANDARD DIAMETER U.N.O.

9.

- ALL FLANGE STIFFENER PLATES SHALL BE ORIENTED SO THAT ROLLING DIRECTION OF PLATE IS PARALLEL WITH DIRECTION OF PRINCIPAL STRESS.
- 10. AFTER FABRICATION, ALL STEEL SHALL BE CLEANED FREE OF RUST, LOOSE MILL SCALE AND OIL.
- PROVIDE FILLS AT SPLICES OF PARTS HAVING MORE THAN 1/8" DIFFERENCE IN THICKNESS.
- 12. PROVIDE BEVELED WASHERS ON ALL CONNECTIONS WHERE SLOPE SURFACE EXCEEDS 1:20.
- 13. HEADED ANCHOR STUDS AND THREADED STUDS SHALL BE NELSON GRANULAR FLUX-FILLED, AND SHALL BE MADE FROM COLD SEISMIC DESIGN DATA: FINISHED LOW CARBON STEEL, CONFORMING TO A-108, GRADES 1015 - 1020 WITH A MINIMUM TENSILE STRENGTH OF 60.000 PSI. (COLA RR 2729). STUD WELDING INSPECTION AND TESTING SHALL CONFORM TO AWS D1.1.
- DEFORMED BAR ANCHOR STUDS SHALL BE NELSON D2L GRANULAR FLUX-FILLED REBAR STUDS OR APPROVED EQUAL, AND SHALL BE MADE OF LOW CARBON COLD ROLLED STEEL WITH A MINIMUM TENSILE STRENGTH OF 80,000 PSI. STUD WELDING INSPECTION AND TESTING SHALL CONFORM TO AWS D1.1.
- HOT DIP GALVANIZE IN ACCORDANCE WITH ASTM A123 AND ASTM A153 STRUCTURAL STEEL AND FASTENERS THAT ARE PERMANENTLY EXPOSED TO THE WEATHER. REPAIR GALVANIZING AFTER WELDING IN ACCORDANCE WITH ASTM A780.
- THE FULL DESIGN AND LOAD CARRYING CAPACITY OF THE STEELWORK SHALL NOT BE IMPAIRED DUE TO FABRICATION, SHIPMENT, OR ERECTION PROCEDURES, THROUGHOUT THE COMPLETE PROCESS. THE STABILITY OF ALL INDIVIDUAL MEMBERS AND ASSEMBLIES SHALL BE MAINTAINED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES WITH RELATION TO TEMPERATURE DIFFERENTIALS AND WELD SHRINKAGE.
- ALL ADDITIONAL STEEL REQUIRED FOR ERECTION PURPOSES SHALL BE PROVIDED AT NO ADDITIONAL COST AND SHALL BE REMOVED UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE IN WRITING.

STRUCTURAL DESIGN PACKAGE FOR CALIFORNIA FACTORY BUILT HOUSING PROGRAM AND COMMERCIAL MODULAR PROGRAM 2022 CALIFORNIA BUILDING CODE (CBC), TITLE 24

- 2
 - IS SHOWN. NOTED OTHERWISE (U.N.O.)
- STRUCTURAL MEMBERS.
- FABRICATION.
- DO NOT SCALE THE DRAWINGS.

- PROCEEDING WITH THE WORK

12. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORES, BRACES, GUYS, HOIST BEAM, REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING STRUCTURE AND COMPONENTS, SOILS, OTHER STRUCTURES AND UTILITIES MAY BE SUBJECTED DURING NSTRUCTION. SHORING SYSTEMS SHALL BE DESIGNED AND STAMPED BY A CIVIL ENGINEER LICENSED IN THE STATE OF IFORNIA. VISITS TO THE SITE BY THE OWNER'S REPRESENTATIVE WILL NOT INCLUDE OBSERVATION OF THE ABOVE NOTED ITEMS.

OPY OF ANY REQUIRED LOS ANGELES RESEARCH REPORT AND/OR CONDITIONS OF LISTING SHALL BE MADE AVAILABLE AT THE JOB

fachment of Non-Structural components specified by others to structural elements shall be specified by the N-STRUCTURAL COMPONENT DESIGNER/SPECIFIER/INSTALLER. DESIGNER OF NON-STRUCTURAL ELEMENTS SHALL AT A MINIMUM ECIFY THE CONNECTION TO THE STRUCTURE INCLUDING BUT NOT LIMITED TO: ANY TYPE OF CONNECTING HARDWARE, WIRE, NGERS, FASTENERS, CLIPS, UNISTRUT MEMBERS. NON STRUCTURAL ELEMENTS SHALL INCLUDE, BUT NOT LIMITED TO: MEP AND AC EQUIPMENT & THEIR SUPPORTING PADS. PLATFORMS. FRAMES. ETC.: DUCTWORK. PIPES. CONDUITS. ARTWORK. GRILLES. ATING, METAL SCREENS, ELEVATOR RAILS, STONE FINISH TILES, STONE CAPS, BRICK VENEER.

FLOOR LIVE LOAD: ROOF LIVE LOAD: ROOF SOLAR PANEL ZONE

WIND DESIGN DATA: INTERNAL PRESS

EXPOSURE: HORIZONTAL PR

(MAIN WIND FOR

IMPORTANCE FAC
Ss:
S1:
SITE CLASS:
Fa:
SDs:
SEISMIC DESIGN
OCCUPANCY RISK
SEISMIC FORCE R
ANALYSIS PROCE
R:
Cs:

RHO:

JUSTUS STUDIO, INC

ALL NEW CONSTRUCTION SHALL COMPLY WITH THE CONTRACT DOCUMENTS AND THE 2022 CALIFORNIA BUILDING CODE.

REFERENCE TO CODES, RULES, REGULATIONS, STANDARDS, MANUFACTURER'S INSTRUCTIONS OR REQUIREMENTS OF REGULATORY AGENCIES IS TO THE LATEST PRINTED EDITION OF EACH IN EFFECT AT THE DATE OF SUBMISSION OF BID UNLESS THE DOCUMENT DATE

TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE WORK EXCEPT WHERE SPECIFICALLY DETAILED OR UNLESS

THE STRUCTURAL DRAWINGS ILLUSTRATE THE NEW STRUCTURAL MEMBERS. REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR NON-STRUCTURAL ITEMS WHICH REQUIRE SPECIAL PROVISIONS DURING THE CONSTRUCTION OF THE

REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR DEPRESSIONS, EDGE OF SLAB, OPENINGS, SLOPES, DRAINS, CURBS, PADS, EMBEDDED ITEMS, NON-BEARING PARTITIONS, ETC. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR SLEEVES, OPENINGS, AND HANGERS FOR PIPES, DUCTS AND EQUIPMENT.

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL VERIFY ALL DIMENSIONS AND CONDITIONS WHICH IMPACT THE WORK. FIELD VERIFY SIZES, ELEVATIONS, HOLE LOCATIONS, ETC. PRIOR TO

DRAWING DIMENSIONS ARE TO FACE OF STRUCTURE. JOINT CENTERLINE OR COLUMN GRID CENTERLINE UNLESS NOTED OTHERWISE.

CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS TO IDENTIFY THE SCOPE OF WORK REQUIRED. VISIT THE SITE TO RELATE THE SCOPE OF WORK TO EXISTING CONDITIONS AND DETERMINE THE EXTENT TO WHICH THOSE CONDITIONS AND PHYSICAL SURROUNDINGS WILL IMPACT THE WORK.

EXISTING CONDITIONS AS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE OWNER'S REPRESENTATIVE. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE OWNER'S REPRESENTATIVE.

10. THE CONTRACTOR SHALL RESOLVE ANY CONFLICTS ON THE DRAWINGS OR IN THE SPECIFICATIONS WITH THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.

ANY DEVIATION, MODIFICATION & SUBSTITUTION FROM THE APPROVED SET OF STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR REVIEW/APPROVAL PRIOR TO ITS USE OR INCLUSION ON THE SHOP DRAWINGS & PRIOR TO

E CONTRACTOR SHALL PROVIDE MEANS, METHOD, TECHNIQUES, SEQUENCE AND PROCEDURE OF CONSTRUCTION AS REQUIRED. E VISITS PERFORMED BY THE OWNER'S REPRESENTATIVE DO NOT INCLUDE INSPECTIONS OF MEANS AND METHODS OF NSTRUCTION PERFORMED BY CONTRACTOR.

E CONTRACTOR SHALL PROTECT ALL WORK, MATERIALS AND EQUIPMENT FROM DAMAGE AND SHALL PROVIDE PROPER STORAGE CILITIES FOR MATERIALS AND EQUIPMENT DURING CONSTRUCTION.

ALLOW FOURTEEN WORKING DAYS FOR PROCESSING SHOP DRAWINGS AND SUBMITTALS AFTER RECEIPT.

	100 PSF 20 PSF
E ALLOWANCE	5 PSF
	95 MPH
SSURE COEFFICIENT	5 PSF C
Ressure coefficient RCE resisting system):	17 PSF (LRFD)
,	
ACTOR:	1.0
	0.762
	0.277
	D
	1.195
	0.607
N CATEGORY:	D
ISK CATEGORY:	II
E RESISTING SYSTEM:	CORRUGATED STEEL SHEARWALL PANELS (14 GA. STL. SHIPPING CONTAINER WALLS)
CEDURE USED:	EQUIVALENT LATERAL FORCE
	2.0
	0.304 (LRFD) 0.212 (ASD)
	1.0
	Approved For State of California Commercial Modular
	By
	MA Consulting & Engineering MACE, LLC.
	Third Party Design Approval Agency (DAA) Certificate Number: DM1570821
	These plans have been approved pursuant to the provisions of The State of California Health and Safety

provisions of The State of California Health and Safety Code, Division 13, Part 2 and California Code of Regulations, Title 25, Chapter 3, Subchapter 2

Plan Approval No. MAC-CM 10045 Approval Date: 9/3/2023 Expiration Date: 11/30/2024

OWNER: HOME FED 1903 WRIGHT PL SUITE 220

CARLSBAD, CA 92008 ARCHITECT JUSTUS STUDIO, INC. 4271 KENYON AVENUE LOS ANGELES, CA 90066

CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM P: 949-294-2648 STRUCTURAL:

ORION STRUCTURAL GROUP, INC 223 E. THOUSAND OAKS BLVD., #304 THOUSAND OAKS, CA 91360

ELECTRICAL: ARB ELECTRIC, INC. 1401 N EL CAMINO REAL #201 SAN CLEMENTE, CA 92672

MECHANICAL: VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

COMMERCIAL MODULAR MANUFACTURER: FREE FORM DEVELOPMENT, INC. 1148 INDUSTRIAL AVE,

ESCONDIDO, CA 92029 CONTACT: ADAM JUBELA E: ADAM@FREEFORMDC.COM P: 760-801-2384



DATE

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

STRUCTURAL GENERAL NOTES

PROJECT OSG#23309 SCALE PER PAGE DRAWN BY EN/WL DATE 07/06/2023 SI7F 36"x24"

SHEET NUMBER





STATEMENT OF SPECIAL INSPECTION (SITE)

1.	CONTINUOUS AND
2	

- CLARIFICATION.

TYPE OF WO CONCRETE WORK SHOTCRETE WORK REINFORCING STEEL POST INSTALL ANCHO

STRUCTURAL STEEL STRUCTURAL STEEL HIGH STRENGTH BOLT MASONRY WORK HIGH LOAD DIAPHRAG STRUCTURAL WOOD

COLD FORMED STEEL DRIVREN DEEP FOUND CAST IN PLACE DEEP SOIL CONDITION

MOMENT FRAME (GRI

STRUCTURAL OBSERVATION

OBSERVATION.

FIRM OR INDIVIDUAL TO B NAME: ORION STRUCTUR/
FOUNDATION
FOOTINGS, STEM WALLS, PIERS
MAT FOUNDATION
CAISSONS, PILES, GRADE BEAMS
STEPP'G/RET'G FOUND HILLSIDE SPECIAL ANCHO
EMBEDDED ANCHORS

A.B.	ANCHOR BO
ARCH.	ARCHITECT
B.N.	BOUNDARY N
BLKG.	BLOCKING
BM.	BEAM
CONN.	CONNECTION
CONT.	CONTINUOU
DWG'S.	DRAWINGS
EA.	EACH
E.N.	EDGE NAIL
F.N.	FINISH NAIL
FTG.	FOOTING
GLB.	GLUE-LAMIN
L.W.	L.IGHTWEIGH
M.B	MACHINE BO
MAX.	MAXIMUM
MIN.	MINIMUM
O.C.	ON CENTER
P.T.	PRESSURE T

Approved For State of California
Commercial Modular
By

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ND PERIODIC SPECIAL INSPECTION IS REQUIRED FOR THE WORK AS DESCRIBED IN CBC 2022 CHAPTER 17. SEE EDULE BELOW. ONLY CHECKED ITEMS ARE REQUIRED.

2. APPROVAL BY THE INSPECTOR DOES NOT MEAN APPROVAL OF FAILURE TO COMPLY WITH THE PLANS OR SPECIFICATIONS. ANY DETAIL THAT FAILS TO BE CLEAR OR IS AMBIGUOUS MUST BE REFERRED TO THE STRUCTURAL ENGINEER FOR INTERPRETATION OR

3. FOR VERIFICATION AND INSPECTION OF SOILS SEE SOILS REPORT.

4. CONTINUOUS SPECIAL INSPECTION PER AWS D1.1 IS REQUIRED FOR ALL STRUCTURAL STEEL WELDING, EXCEPT FOR SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16" IN SIZE. WELDING INSPECTORS SHALL BE AWS Q.C.-1 CERTIFIED.

5. STRUCTURAL WOOD. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR WOOD SHEAR WALLS, SHEAR PANELS, AND DIAPHRAGMS, INCLUDING NAILING, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS OF THE SEISMIC FORCE RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, BRACES, SHEAR PANELS, AND HOLDOWNS. EXCEPTION: SPECIAL INSPECTION IS NOT REQUIRED FOR WOOD SHEAR WALLS, SHEAR PANELS AND DIAPHRAGMS, INCLUDING NAILING, BOLTING, ANCHORING AND OTHER FASTENING TO OTHER COMPONENTS OF THE SEISMIC-FORCE-RESISTING SYSTEM, WHERE THE FASTENER SPACING OF THE SHEATHING IS MORE THAN 4 INCHES ON CENTER (O.C.). INSPECTIONS SHALL BE PERFORMED BEFORE COVERING.

INSPECTION SCHEDULE (SITE)

ORK	INSPECTION SCHEDULE	REMARKS	X
	CBC TABLE 1705.3		X
	CBC TABLE 1705.3		
	CBC TBL. 1705.2.2 & 1705.3		\times
ORS	CBC TABLE 1705.3	SEE ALSO ICC APPROVAL	
	CBC TABLE 1705.2		\times
WELDING	CBC TABLE 1705.2		\times
TING	CBC TABLE 1705.2		
	CBC TABLE 1705.4		
GMS	CBC TABLE 1705.5.1		
	CBC TABLE 1705.10.1 & 1705.11.2	SEE NOTE ABOVE	
Ľ	CBC TABLE 1705.10.2 & 1705.11.3		
ND. ELEMENT	CBC TABLE 1705.7		
P FOUND.	CBC TABLE 1705.8		
	CBC TABLE 1705.6	SEE SOILS REPORT	X
		FOR COMPLIANCE	
RID B)	CBC TABLE 1705.2		X

PERIODIC STRUCTURAL OBSERVATION SHALL BE PROVIDED BY ORION STRUCTURAL GROUP INC. CONTRACTOR SHALL NOTIFY ENGINEER 72 HOURS BEFORE REQUIRED OBSERVATIONS. DELINQUENT NOTIFICATION MAY REQUIRE DEMOLITION OF COVERING MATERIAL TO FACILITATE

	STRUCTURAL OBSERVATION PROGRAM AND DESIGNATION OF THE STRUCTURAL OBSERVER						
	STRUCTURAL OBSERVATION (ONLY CHECKED ITEMS ARE REQUIRED)						
		DNSIBLE FOR THE STRUCTU JP INC. PHONE: (805) 750-813		OBSERVATION: A. REGISTRATION: 5430 WILL LAME	BER	т	
		WALL		FRAME		DIAPHRAGM	
S,	\times	CONCRETE		STEEL MOMENT FRAME		CONCRETE	
		MASONRY		STEEL BRACED FRAME		STEEL DECK	
DE		WOOD		CONCRETE MOMENT FRAME		WOOD	
- HOR		HARDY FRAMES STRONG WALLS		MASONRY FRAME			
	X	OTHERS		OTHERS [OTHERS	

ABBREVIATIONS

BOLTS	PL.	PLATE / PROPERTY LINE
T OR ARCHITECTURAL	PLY.	PLYWOOD
Y NAILING	REINF.	REINFORCEMENT
)	REQ'D.	REQUIRED
	S.A.D.	SEE ARCHITECTURAL DRAWINGS
ION	S.O.G.	SLAB ON GRADE
DUS	SCHED.	SCHEDULE
S	SHT'G	SHEATHING
	SIM.	SIMILAR
L	S.M.S.	SHEET METAL SCREWS
IL	STAGG.	STAGGERED
	T&B	TOP & BOTTOM
IINATED BEAM	TYP.	TYPICAL
IGHT	U.N.O.	UNLESS NOTED OTHERWISE
BOLTS	U.S.P.	UNDER SEPARATE PERMIT
	VI.F.	VERIFY IN FIELD
	WD.	WOOD
R	W.N.S.	WELDED NELSON STUDS
E TREATED	W.T.S.	WELDED TREADED STUDS

JUSTUS STUDIO, INC.

.

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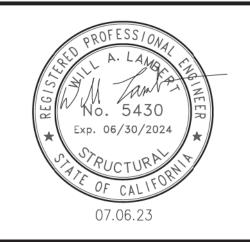
STRUCTURAL: ORION STRUCTURAL GROUP, INC. 223 E. THOUSAND OAKS BLVD., #304 THOUSAND OAKS, CA 91360

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CONTACT: ADAM JUBELA E: ADAM@FREEFORMDC.COM P: 760-801-2384



	ISSUE	DATE
1	1ST SUBMITTAL	

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

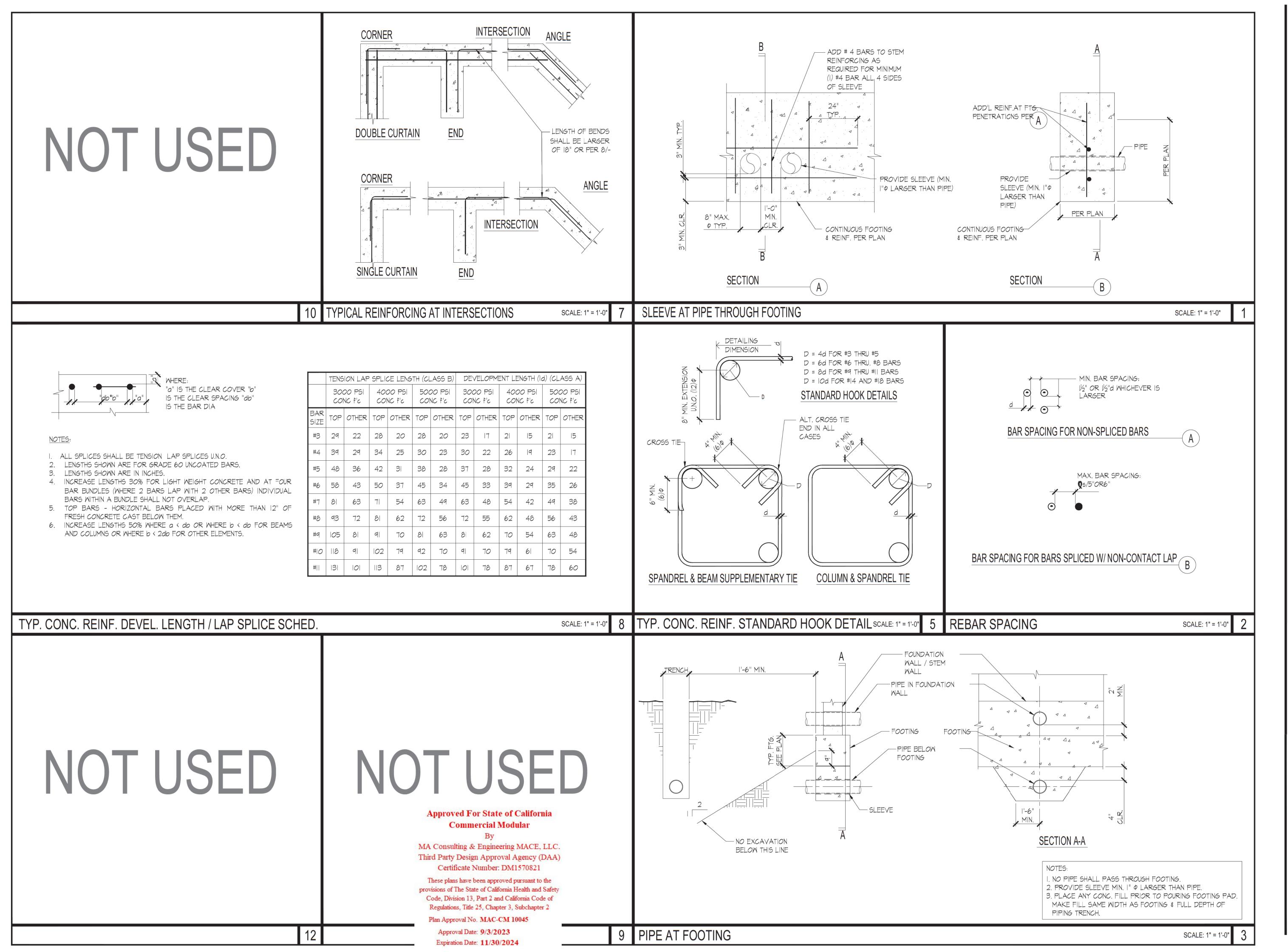
STRUCTURAL **GENERAL NOTES**

SHEET NUMBER

PROJECT OSG#23309 SCALE PER PAGE DRAWN BY EN/WL DATE 07/06/2023 SIZE: 36"x24"

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O.ILISTUS STUDIO INC



JUSTUS STUDIO, INC.

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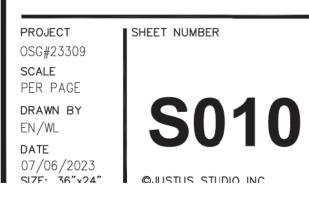
ISSUE	DATE
1ST SUBMITTAL	
	ISSUE IST SUBMITTAL

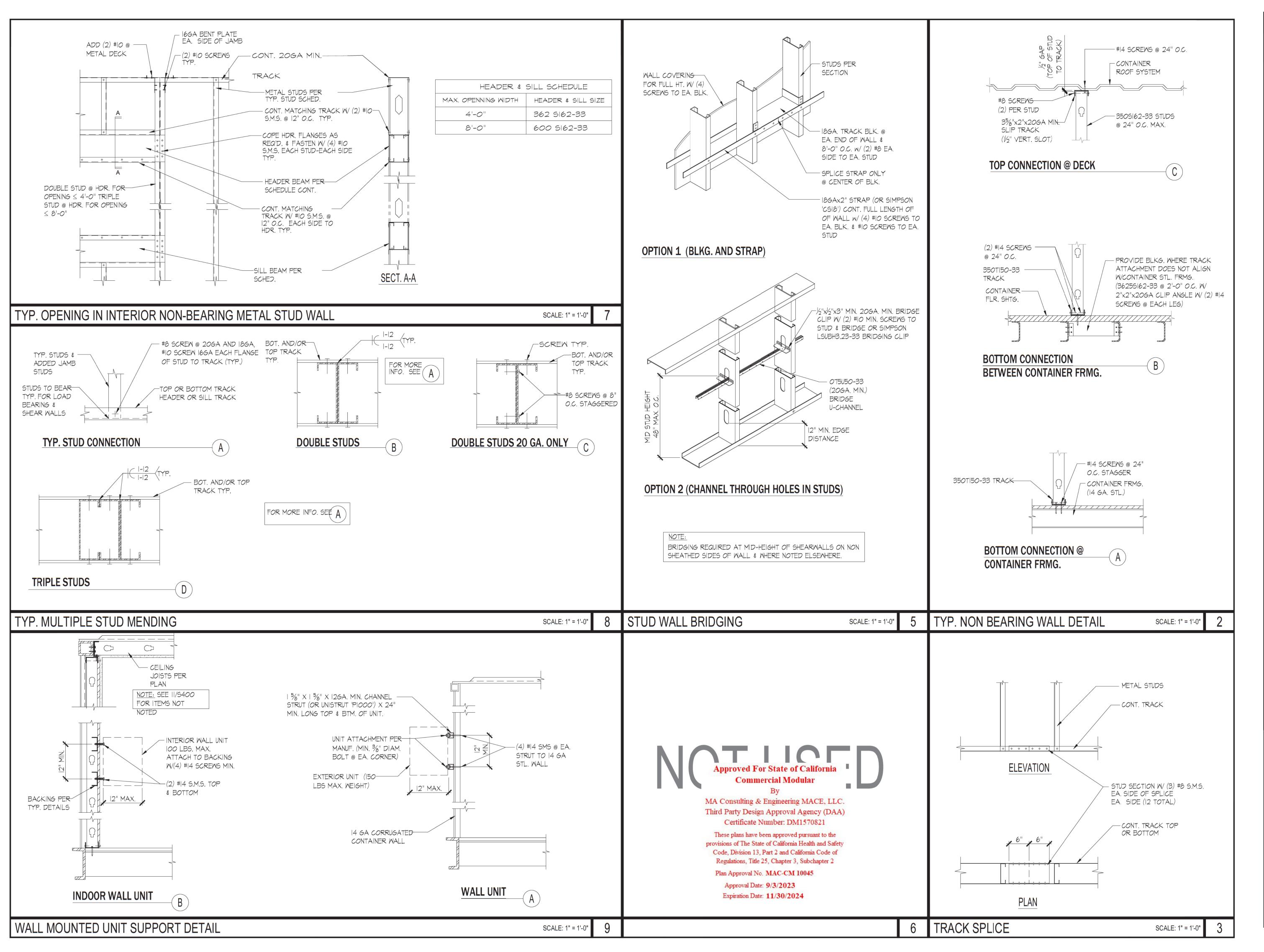
20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

TYPICAL DETAILS

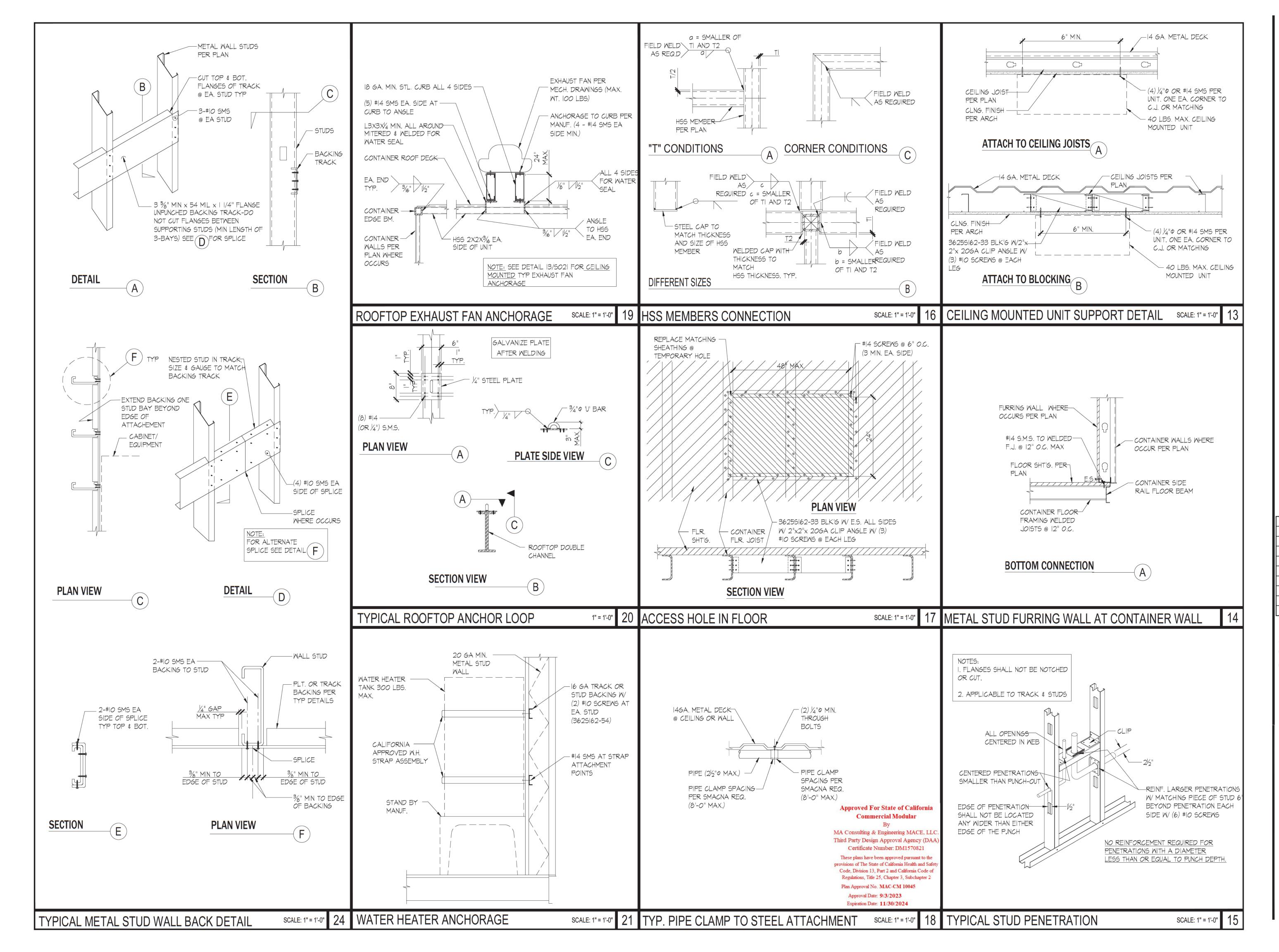




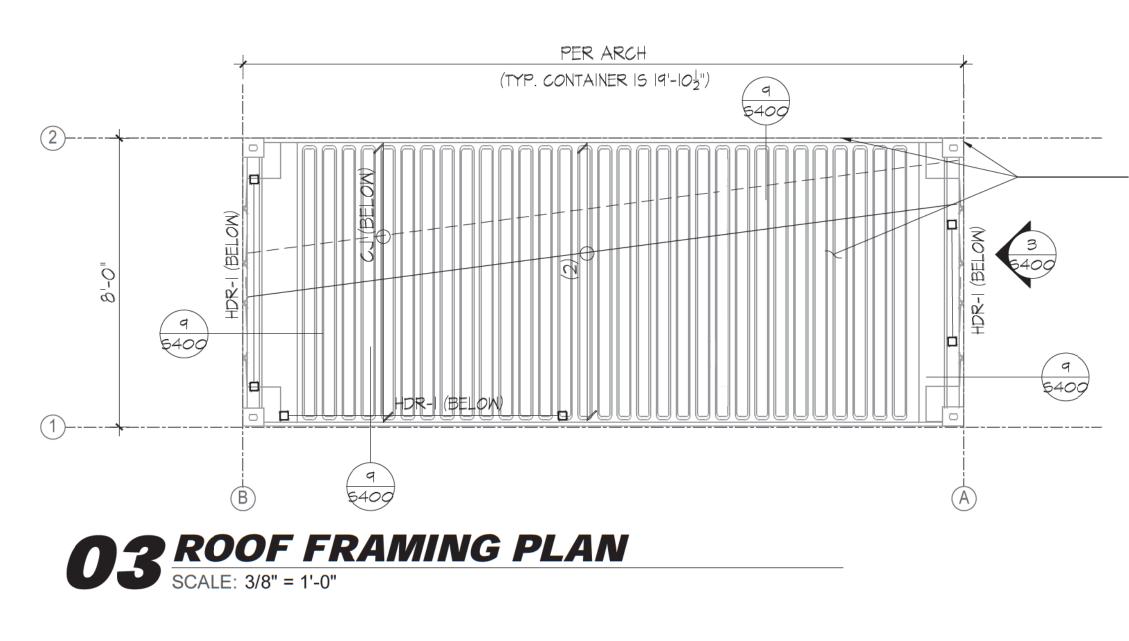
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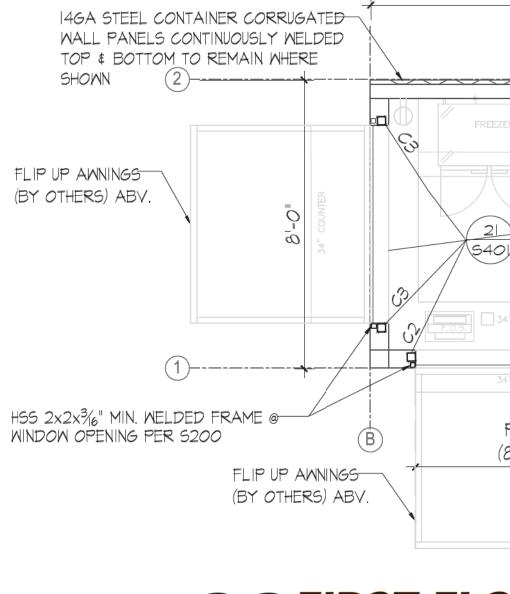
JUSTUS STUDIO, INC.

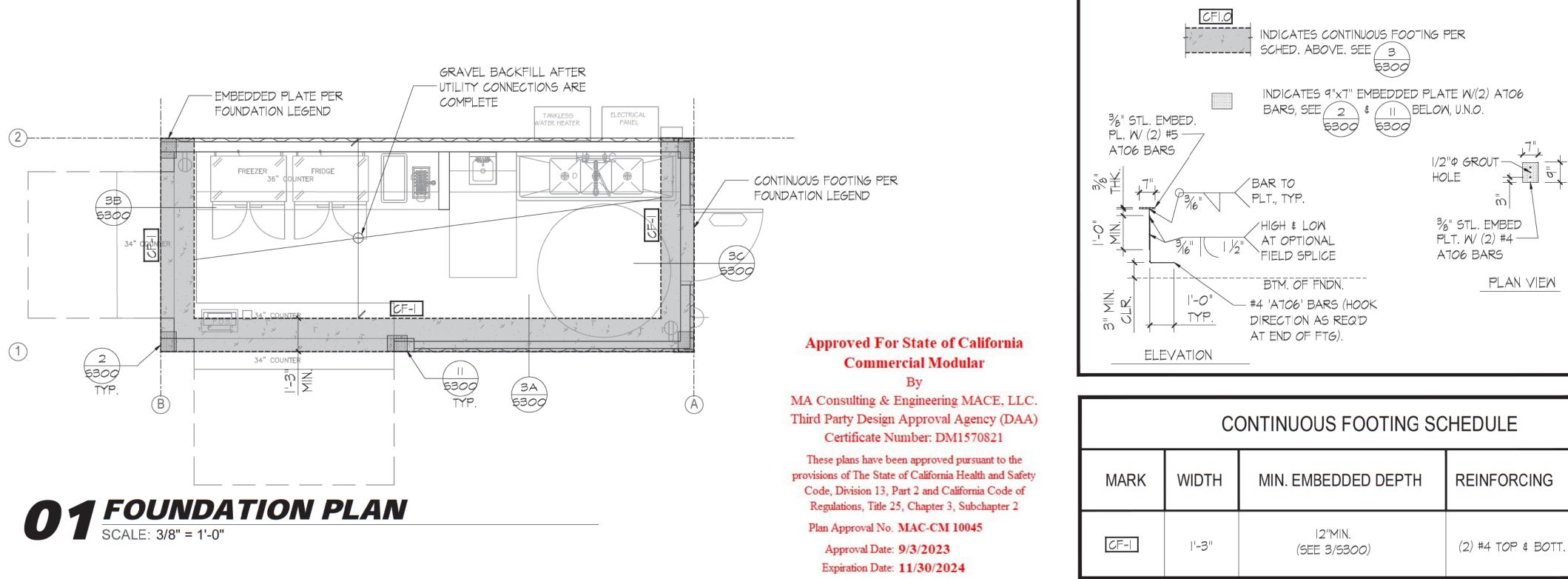
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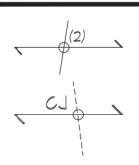


CONTAINER ROOF SYSTEM, BEAMS/HEADERS, AND CORNER BLOCKS TO REMAIN. TYP.

PER ARCH (TYP. CONTAINER IS $19'-10\frac{1}{2}"$) TYP. \$400 \$409 \$400 З \$401 \$400 NON-STRUCTURAL PER ARCH FURR NG WALLS PER À (8'-0" MAX.) ARCH. & TYP. DETAILS

O2 FIRST FLOOR FRAMING PLAN SCALE: 3/8" = 1'-0"

CONTAINER ROOF FRAMING LEGEND



INDICATES CONTAINER ROOF SYSTEM 14 GA. CORRUGATED STL. DECK

INDICATES 35/8"x20 GA. MIN (3625162-33) MTL. STUD CEILING JOISTS @ 24" O.C. MAX PER TYP. DETAILS AND 11/5400

NOTES: FOR MECHANICAL UNIT AND ROOF DECK PENETRATION LOCATIONS AND INFO SEE MEP DRAWINGS. FOR UNIT ANCHORAGE, SEE TYPICAL DETAILS

2. ONE 6" MAX. DIAMETER UN-REINFORCED OPENING ALLOWED IN EACH CONTAINER SIDE WALL. SEE MEP PLANS FOR LOCATIONS IF APPLICABLE.

CONTAINER FLOOR FRAMING LEGEND



×/

INDICATES HSS 2X2X36" MIN. HEADER PER 3/5400

INDICATES CONTAINER FLOOR SYSTEM. SEE FLOOR SHEATHING NOTE BELOW.

INDICATES HSS COL. PER CONTAINER COL. SCHEDULE BELOW.

CONTAINER FLOOR SHEATHING NOTE: ADD #14 SCREWS AT 12" O.C. BOUNDARIES (BETWEEN EXISTING SCREWS AT 12" O.C.) ADD #14 SCREWS AT 16" O.C. FIELD (BETWEEN EXISTING SCREWS AT 16" O.C.)

CONTAINER COLUMN SCHEDULE			
TYPE	SIZE	NOTES	
<u>ل</u>	HSS 2x2x3/6" MINIMUM	SEE 3/5400	
Ch	HSS 3x3x1∕8" MINIMUM	SEE 21/5401	
G2 T	HSS 3x3x1/4" MINIMUM	SEE 21/5401	
<u>NOTE</u> : NON-STRUCTURAL WINDOW/DOOR JAMBS & SILLS PER ARCH. DRAWINGS & TYP. DETAILS			

FOUNDATION LEGEND

WIDTH	MIN. EMBEDDED DEPTH	REINFORCIN
'-3"	12"MIN. (SEE 3/S300)	(2) #4 TOP & B

JUSTUS STUDIO, INC.

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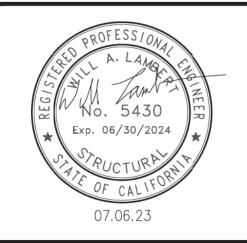
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ISSUE		DATE
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20 FOOT CATERING CONTAINER

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TITLE

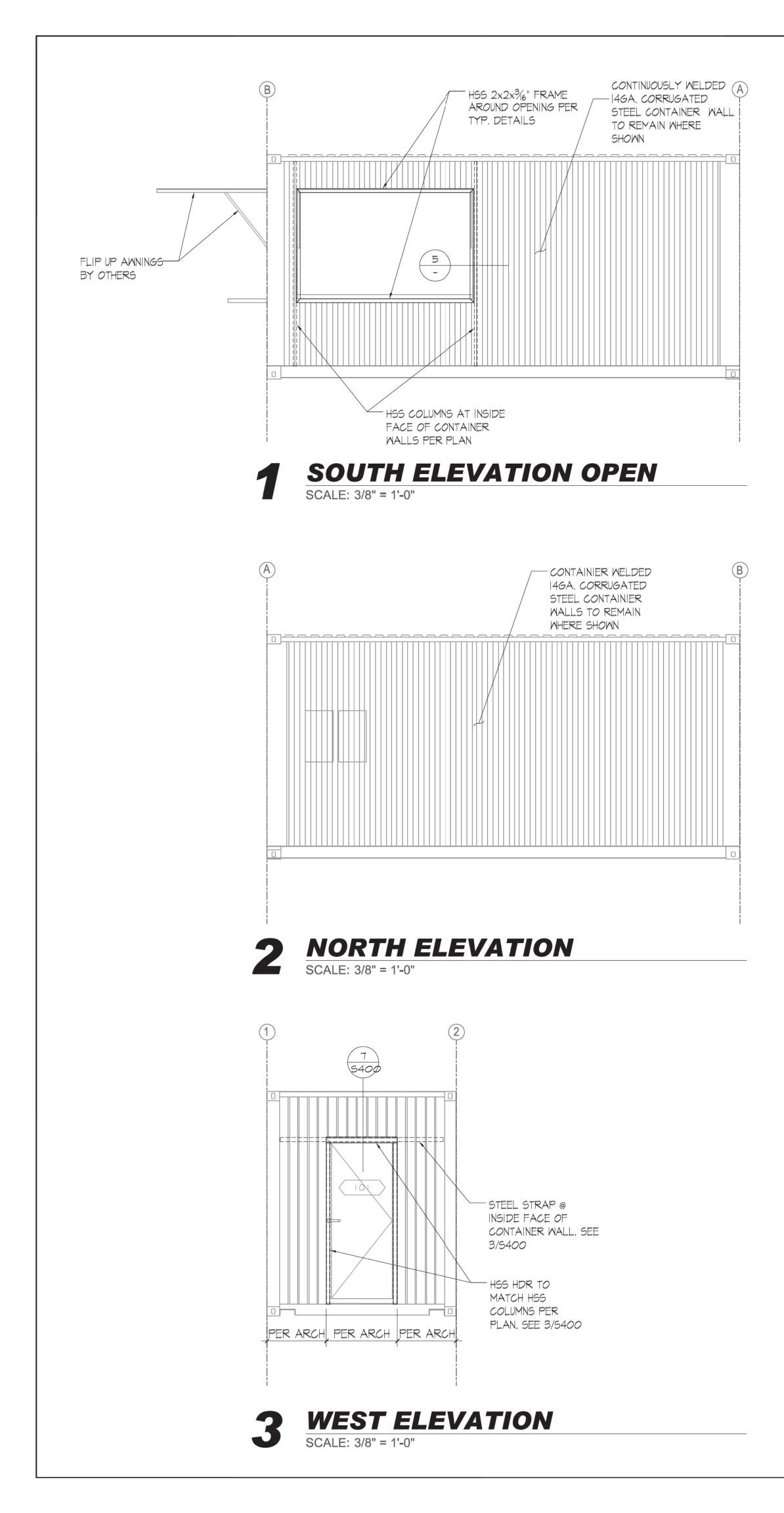
FRAMING & FOUNDATION PLANS

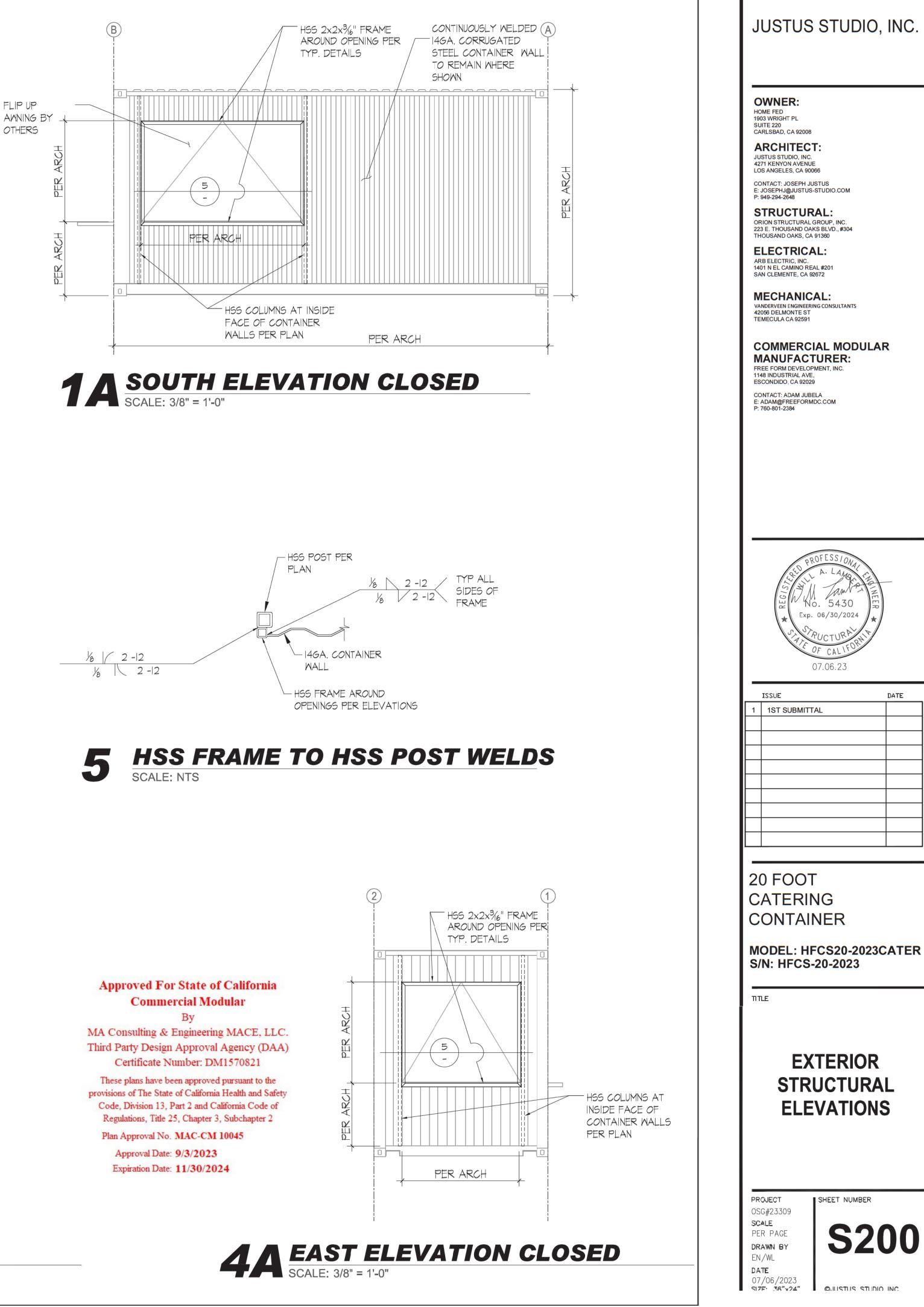
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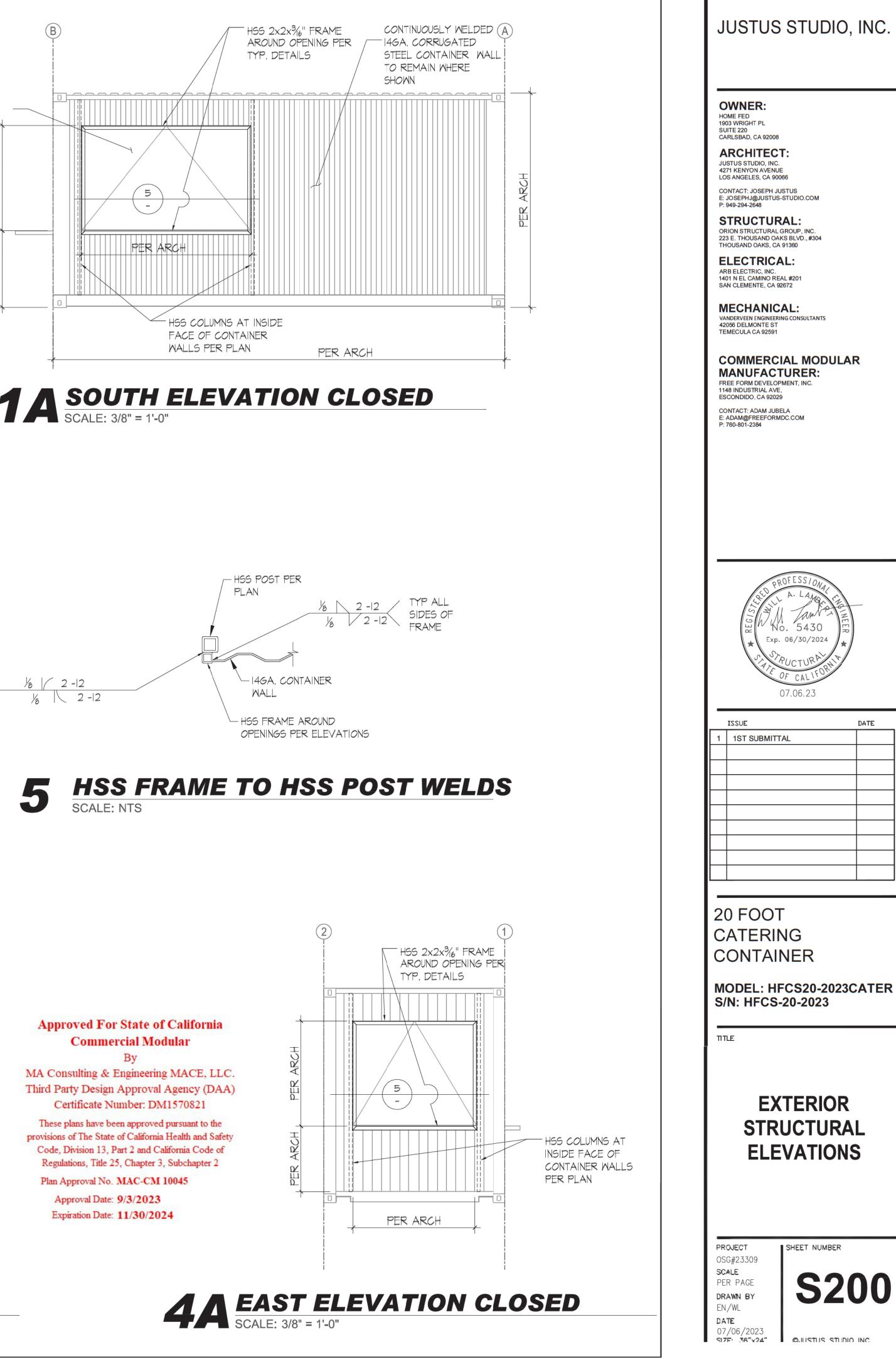
PROJECT OSG#23309 SCALE PER PAGE DRAWN BY EN/WL DATE 07/06/2023 SIZE: 36"x24"

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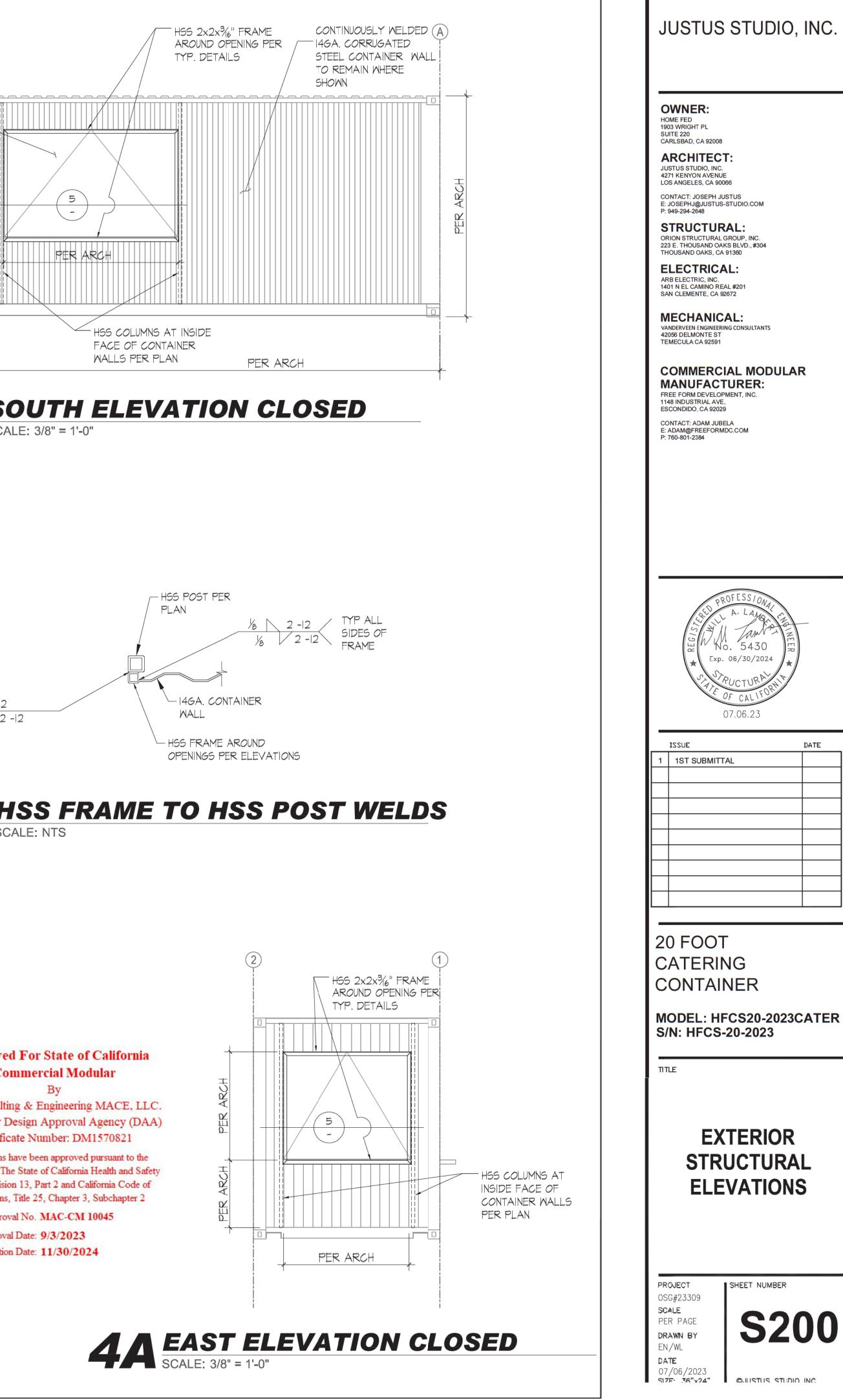
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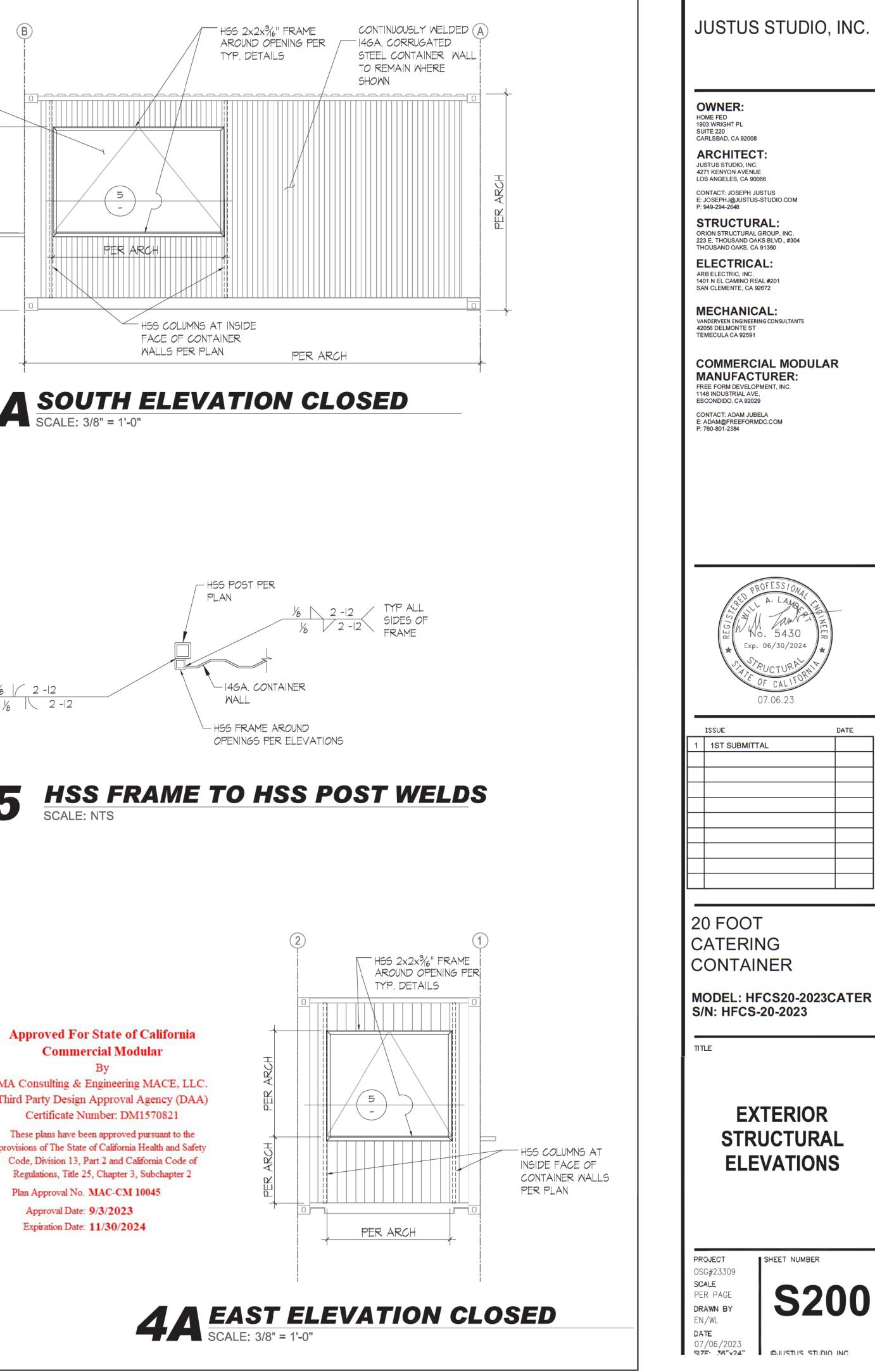


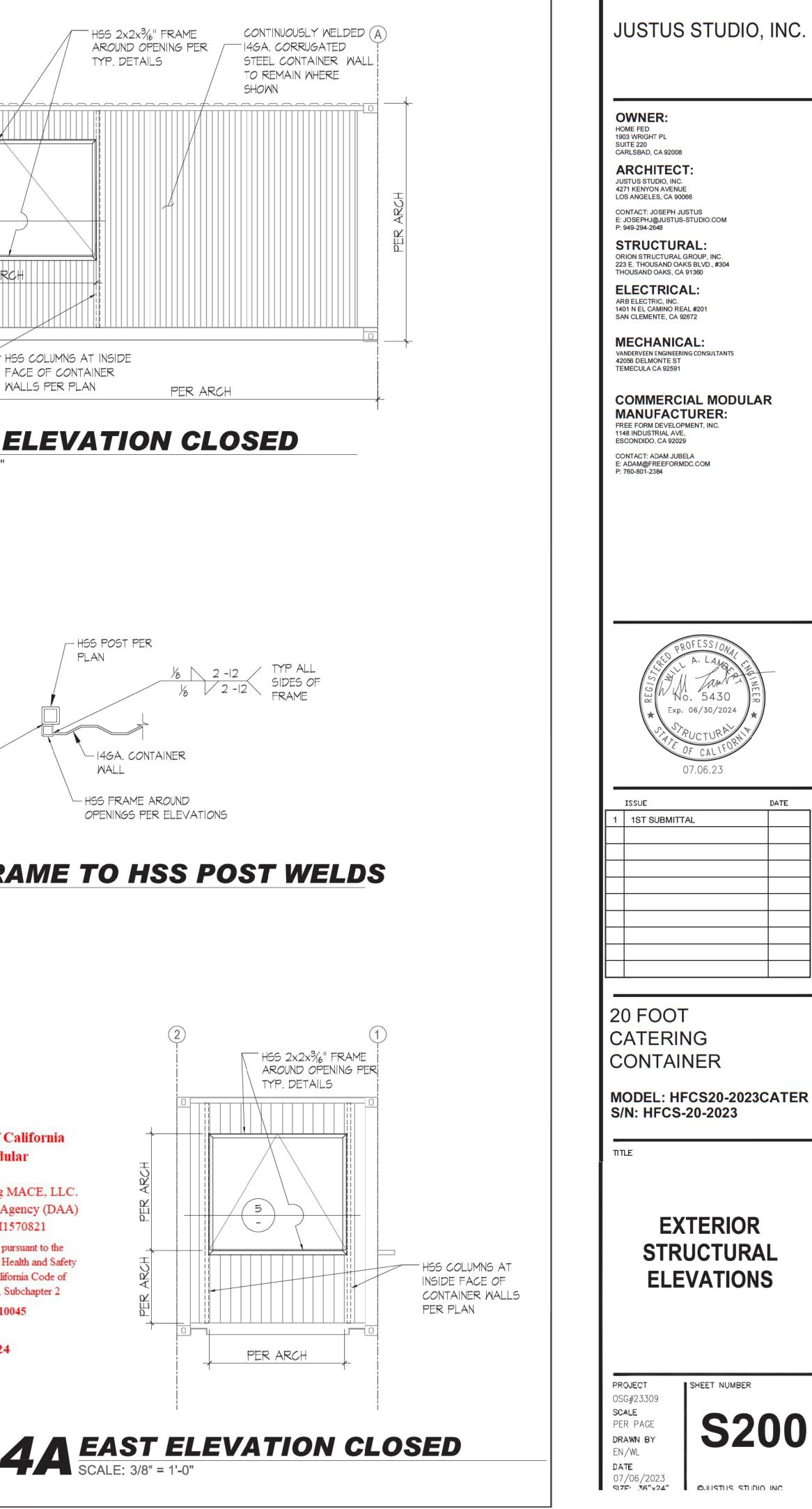


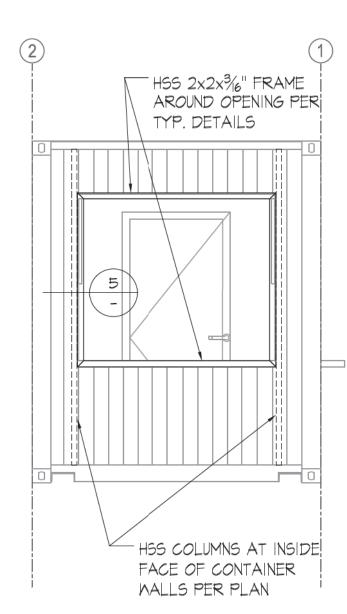




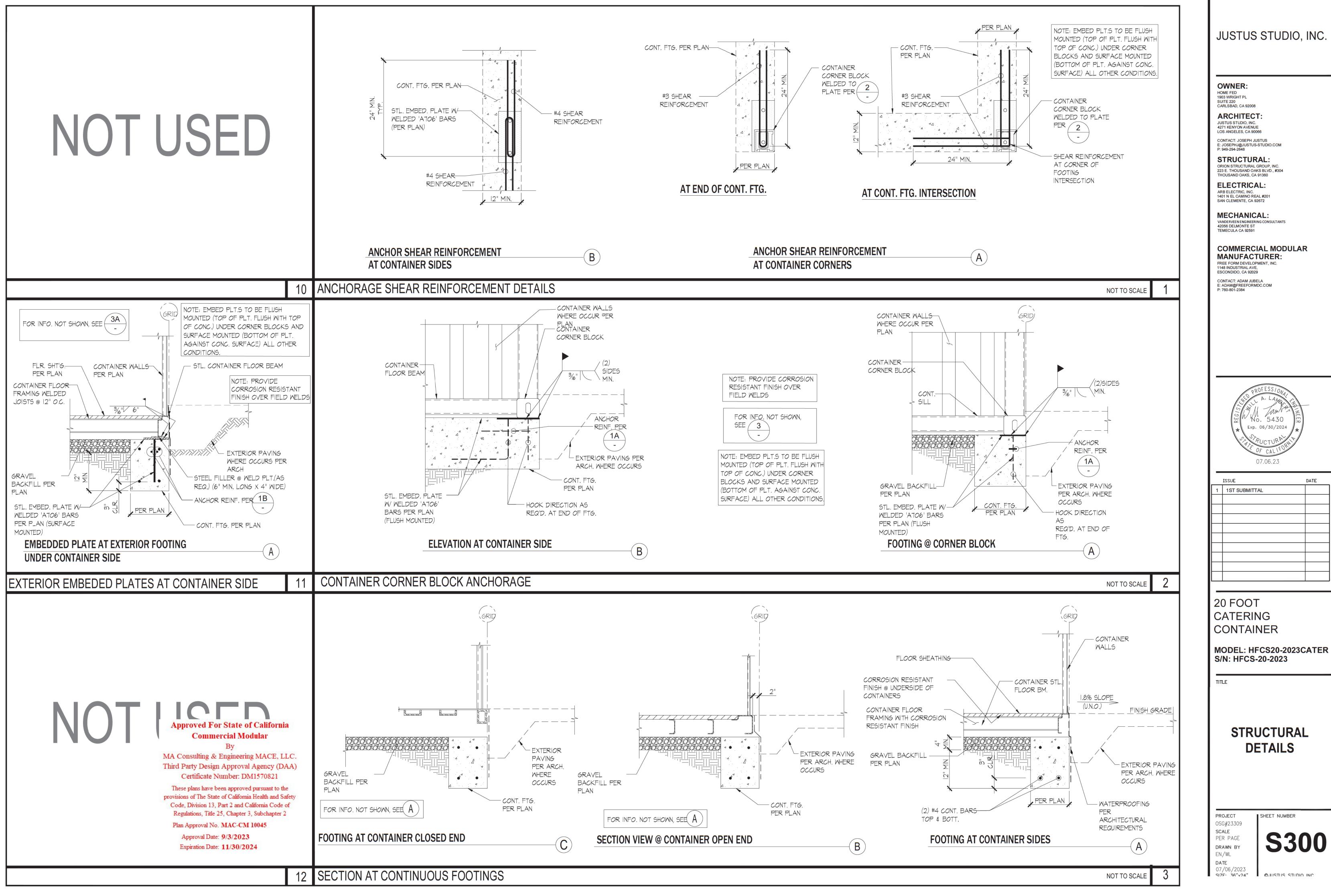




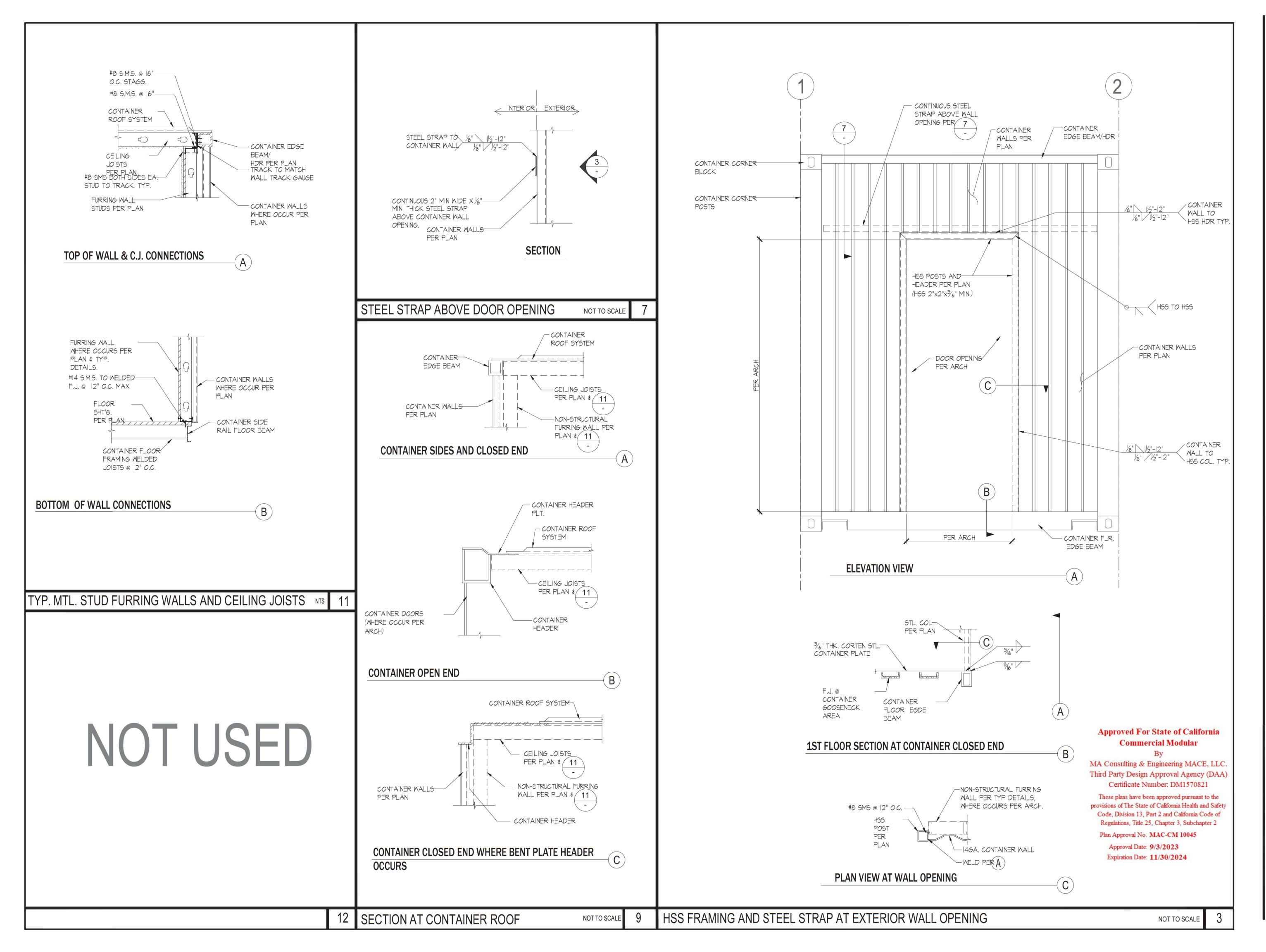








MODEL: HFCS20-2023CATER



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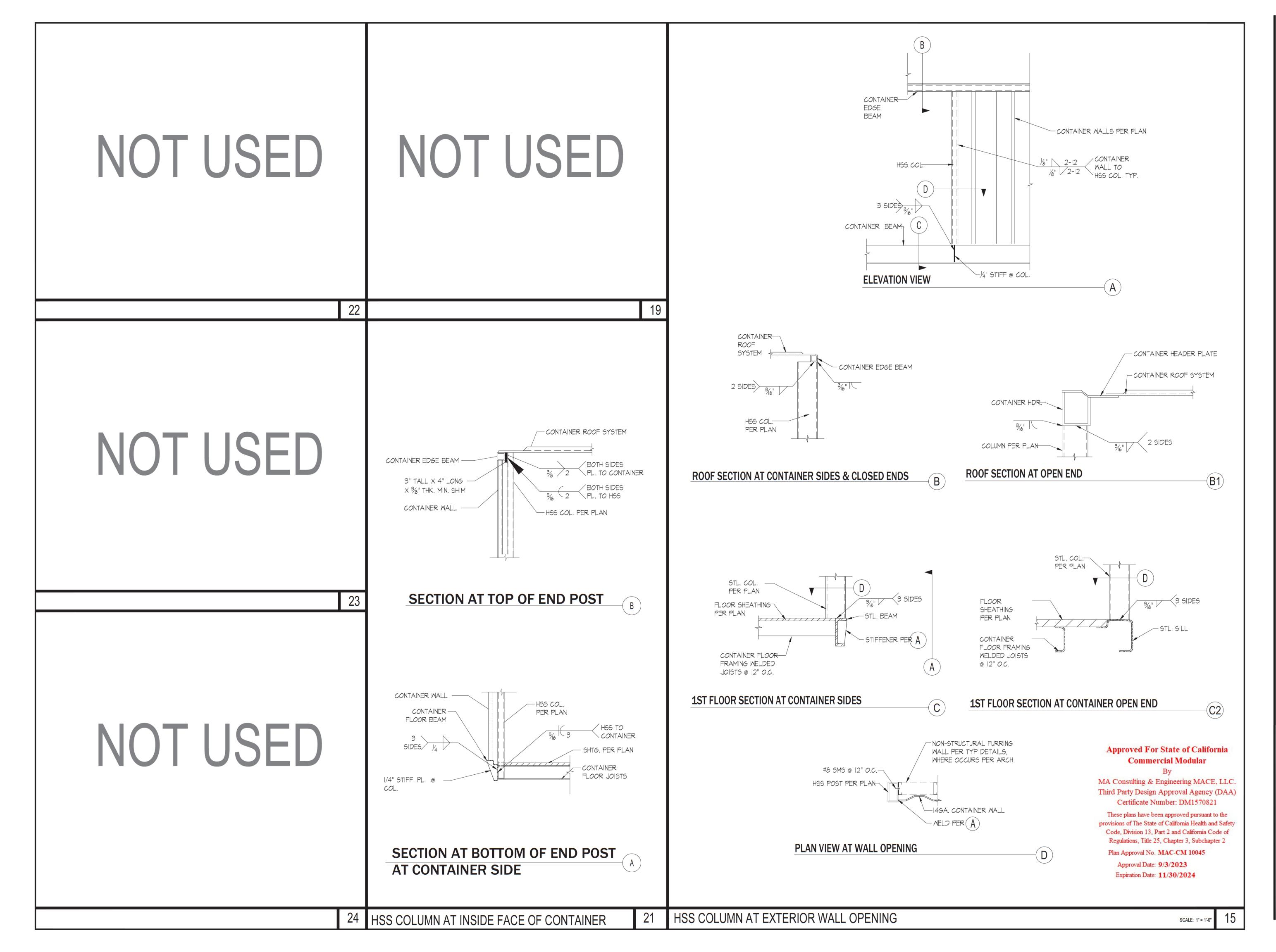
STRUCTURAL DETAILS

SHEET NUMBER

PROJECT OSG#23309 SCALE PER PAGE DRAWN BY EN/WL DATE 07/06/2023 SIZE: 36"x24"

S400

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S401

ONI DIDITE STUDIO INC

COMMON AREA LUMINAIRE SCHEDULE

	TYPE	SYMBOL	VOLTS	WATTAGE	LAMPS	FIXTURE DESCRIPTION	MANUFACTURER	CATALOG #								
	F1		120V	25	LED 5000K 90CRI	4' SURFACE MOUNTED LED STRIP FIXTURE WITH BUILT—IN OCCUPANCY SENSOR	LITHONIA ZL1N	ZL1N-L48-5000LM -L/LENS-120-50K -90CRI-PLR-LSXR- WGZ48								
1	F2	D	120V	12	LED 5000K 90CRI	WALL SCONCE EMERGENCY LIGHT	C-LITE E-CONOLIGHT	C-EE-A-EMG-DEC								
	EX	\bigotimes	120	3.1	LED RED	LED EXIT SIGN FIXTURES SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED AT ALL TIMES. FURNISH WITH AN EMERGENCY BACK-UP BATTERY CAPABLE OF 90-MIN OF UNINTERUPTED OPERATION	LITHONIA PRECISE COLLECTION EDGE LIT EXIT LIGHTS LRP	LRP-1-RC-120-TM								
	(-)			1 SHADED FIXTURE INDICATES EGRESS FIXTURE WITH 90 MIN. BATTERY BACKUP. SEE GENERAL LIGHTING NOTES FOR ADDITIONAL INFORMATION												

BE LISTED BY UNDERWRITER'S LABORATORIES (UL) AND BEAR THEIR LABEL, OR AREAS AND LOCATIONS UNTIL SUCH TIME AS EXISTING FACILITIES CAN BE LISTED AND CERTIFIED BY A NATIONALLY RECOGNIZED TESTING AUTHORITY WHERE UL DOES NOT HAVE A LISTING. CUSTOM MADE EQUIPMENT SHALL HAVE COMPLETE TEST DATA SUBMITTED BY THE MANUFACTURER ATTESTING TO ITS SAFETY. IN ADDITION, THE MATERIALS, EQUIPMENT, AND INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING:

AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA) | NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) AMERICAN STANDARD ASSOCIATION (ASSA) NATIONAL FIRE PROTECTION AGENCY (NFPA) AMERICAN NATIONAL STANDARD INSTITUTE (ANSI) CALIFORNIA ELECTRICAL CODE (CEC) – 2019 CALIFORNIA CODE OF REGULATIONS TITLE 24 (CCR) INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE) ALL LOCAL CODES HAVING JURISDICTION WHERE THE CODES HAVE DIFFERENT LEVELS OF REQUIREMENTS, THE MOST STRINGENT RULE SHALL APPLY.

2. THE CONTRACTOR SHALL VISIT THE SITE INCLUDING ALL AREAS INDICATED ON THE DRAWINGS. HE SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND BY SUBMITTING A BID, ACCEPTS THE CONDITIONS UNDER WHICH HE SHALL BE REQUIRED TO PERFORM HIS WORK.

SET OF CONSTRUCTION DOCUMENTS. HE/SHE SHALL CHECK THE DRAWINGS OF COMPLETION. THE OTHER TRADES AND SHALL CAREFULLY READ THE ENTIRE SPECIFICATIONS AND DETERMINE HIS/HER RESPONSIBILITIES. FAILURE TO DO SO SHALL NOT RELEASE THE CONTRACTOR FROM DOING THE WORK IN COMPLETE ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.

4. ALL UTILITY WORK (POWER&TELEPHONE) SHALL BE IN COMPLIANCE WITH THESE DRAWINGS AND THE REQUIREMENTS OF THE SERVING UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE SERVING UTILITY TO RECEIVE COMPLETE INFORMATION ON THEIR REQUIREMENTS PRIOR TO THE SUBMISSION OF THE BID. THE ACT OF SUBMITTING THE BID SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO INSTALL SERVICE IN COMPLIANCE WITH THE SERVING UTILITY AND THE CONTRACT DOCUMENTS. CONTRACTOR SHALL PAY TO THE UTILITY FOR ALL COSTS ASSOCIATED WITH THE ESTABLISHMENT OF SERVICE FOR THIS PROJECT.

5. ALL ITEMS SUCH AS SERVICE CONDUIT, CONDUCTORS, DUCTS, CONCRETE PADS, TRANSFORMERS, RISERS, PULL BOXES, AND PROTECTIVE COVERING FROM SERVICE LOCATION SHALL BE PROVIDED AND INSTALLED, AND SHALL BE VERIFIED WITH THE SERVING UTILITY COMPANY, AND SHALL PAY ALL CHARGES | AT THE OPTION OF THE CONTRACTOR UNLESS OTHERWISE NOTED AND SHALL LEVIED BY THE SERVING UTILITY COMPANY FOR HIS SERVICE EXCEPT THE FIRST | BE COORDINATED WITH OTHER SECTIONS. DO NOT SCALE THE ELECTRICAL BILLING DEPOSIT. WHERE THE CONTRACT DOCUMENTS ARE MORE RESTRICTIVE, THE DOCUMENTS SHALL GOVERN.

6. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES CHARGES, AND INCIDENTAL COSTS NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY THE LOCAL GOVERNMENT AGENCIES.

THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AT THE SITE. ANY COSTS TO INSTALL WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE DRAWINGS SHALL BE INCURRED BY THE CONTRACTOR. ANY DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT DURING BID TIME FOR CLARIFICATION. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.

8. THE CONTRACTOR SHALL PROVIDE AND KEEP UP-TO-DATE A COMPLETE RECORD SET OF DRAWINGS. THESE PRINTS SHALL BE CORRECTED DAILY AND SHOW EVERY CHANGE FROM THE ORIGINAL DRAWINGS. THIS SET OF DRAWINGS SHALL BE KEPT ON THE JOB SITE AND SHALL BE USED ONLY AS A RECORD SET. THIS SHALL NOT BE CONSTRUED AS AUTHORIZATION FOR THE CONTRACTOR TO MAKE CHANGES IN THE LAYOUT WITHOUT DEFINITE INSTRUCTIONS IN EACH CASE. UPON COMPLETION OF THE WORK, A SET OF REPRODUCIBLE CONTRACT DRAWINGS SHALL BE OBTAINED FROM THE ARCHITECT, AND ALL CHANGES AS NOTED ON THE RECORD SET OF DRAWINGS | SYSTEM, CATV, TELEPHONE, DATA, AND ANY OTHER REQUIRED LOW VOLTAGE SHALL BE INCORPORATED THEREON WITH BLACK INK IN A NEAT, LEGIBLE, UNDERSTANDABLE AND PROFESSIONAL MANNER. FAILURE TO KEEP RECORD DRAWINGS UP-TO-DATE SHALL CONSTITUTE CAUSE FOR WITHHOLDING OF PROGRESS PAYMENTS.

GENERAL NOTES

ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL | 9. IN SOME INSTANCES, IT MAY BE NECESSARY TO DEFER WORK IN CERTAIN TEMPORARILY OR PERMANENTLY REARRANGED BY THE OWNER. THEREFORE WHENEVER IT BECOMES NECESSARY FOR THE CONTRACTOR TO PERFORM WORK UNDER THIS CONTRACT IN EXISTING AREAS IN WHICH THE OWNER'S WORK IS BEING PERFORMED, THE CONTRACTOR SHALL ADVISE THE ARCHITECT AND THE OWNER RELATIVE TO THIS REQUIREMENT AND SHALL FOLLOW CLOSELY THE DIRECTIVE ISSUED BY THE ARCHITECT INSOFAR AS TIME AND PROCEDURE ARE CONCERNED. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL PREMIUM TIME TO WHICH HE MAY BE SUBJECTED FOR PERFORMING WORK IN SUCH PROCEDURE AND AT SUCH TIMES AS MAY BE NECESSARY TO CAUSE THE LEAST INTERFERENCE WITH THE OPERATIONS OF THE OWNER.

> 10. SHOP DRAWINGS SHALL BE SUBMITTED WITHIN THIRTY DAYS AFTER AWARD OF THE CONTRACT. THE CONTRACTOR SHALL SUBMIT EIGHT COPIES OF A COMPLETE LIST OF MATERIALS AND EQUIPMENT INCLUDING MANUFACTURER AND MODEL NUMBER PROPOSED FOR THE JOB. SHOP DRAWINGS SHALL INCLUDE JOB DESCRIPTION, ARCHITECT AND ENGINEER IDENTIFICATION, AND ALL DATA WITH CAPACITIES, SIZES, DIMENSIONS, CATALOG NUMBERS, AND MANUFACTURER'S BROCHURES. SHOP DRAWINGS SHALL BE SUBMITTED FOR ITEMS LISTED IN SPECIFICATIONS. PARTIAL, INCOMPLETE OR UNBOUND SUBMITTALS WILL BE RETURNED WITHOUT REVIEW. CONTRACTOR SHALL SUBMIT A SCHEDULE OF ALL SHOP DRAWINGS AND SUBMITTALS WHICH ARE TO BE REVIEWED WITHIN FIFTEEN DAYS OF CONTRACT AWARD.

11. THE CONTRACTOR SHALL FURNISH A ONE YEAR WRITTEN GUARANTEE 3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE | OF MATERIALS AND WORKMANSHIP FROM THE DATE OF SUBSTANTIAL

> 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAWCUTTING. TRENCHING, BACKFILLING, COMPACTION AND PATCHING OF CONCRETE AND ASPHALT AS REQUIRED TO PERFORM HIS WORK. ATTENTION IS CALLED TO THE FACT THAT THERE ARE EXISTING UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN TRENCHING FOR HIS WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER AND APPROVED REPAIR OF ANY AND ALL DAMAGES CAUSED BY HIM OR HIS WORK.

13. WHENEVER A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT DEVICES, CIRCUIT BREAKERS, GROUND FAULT PROTECTION SYSTEMS, ETC. (ALL MATERIALS), ARISES ON THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO ENSURE COMPLETE AND OPERAB_E SYSTEMS AS REQUIRED BY THE OWNER AND ARCHITECT/ENGINEER.

14. DRAWINGS ARE DIAGRAMMATIC ONLY. ROUTING OF RACEWAYS SHALL BE DRAWINGS FOR LOCATIONS OF ANY ELECTRICAL, ARCHITECTURAL, STRUCTURAL, CIVIL, OR MECHANICAL ITEMS OR FEATURES.

15. THE EQUIPMENT GROUNDING CONDUCTOR SHOWN ON CONDUIT RUNS SHALL RUN CONTINUOUS FROM PANEL TO LAST OUTLET. THIS WIRE SHALL BE PIGTAILED IN EACH OUTLET FOR CONNECTION TO BOX AND DEVICE SO THAT IF DEVICE S REMOVED, GROUND WILL NOT BE INTERRUPTED. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSULATED GREEN CONDUCTORS -ALTERNATE METHODS OF IDENTIFICATION SHALL NOT BE USED. CONTRACTOR SHALL NOTIFY ELECTRICAL ENGINEER TO EXAMINE CONDUCTOR INSTALLATION PRIOR TO INSTALLATION OF DEVICES.

16. MINIMUM SIZE FOR CONDUCTORS SHALL BE #12 AWG, COPPER, TYPE THHN/THWN THERMOPLASTIC, 600 VOLT, 75 DEGREES CELSIUS WET OR 90 DEGREES CELSIUS DRY, AND UL LISTED UNLESS NOTED OTHERWSE. ALL CONDUCTORS SPLICES BELOW GRADE SHALL BE MADE WITH SUBMERSIBLE CONNECTIONS. ALL CONDUCTORS USED FOR SITE AND BUILDING MOUNTED LIGHTING FIXTURES SHALL BE INSTALLED IN 3/4" MINIMUM WITH #10 CONDUCTORS.

17. ALL EXPOSED CONDUIT IN FIRE RISER ROOMS SHALL BE WP SEALTITE TYPE.

18. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A FULL FUNCTIONING ELECTRICAL AND COMMUNICATION SYSTEM. INCLUDING FIRE ALARM SYSTEMS.

AREAS.

DRAWINGS.

29. ALL ELECTRICAL CONDUITS ARE TO BE CONCEALED WITH IN WALLS AND/OR ABOVE CEILING.

30. DATA JACKS AND CABLE SHALL BE PER LOW VOLTAGE CONTRACTOR. CONTRACTOR SHALL PROVIDE 1/2" CONDUIT FROM EACH DATA JACK BACK TO TELECOMMUNICATIONS BACK BOARD. SPECIFIC LOCATION AND TERMINATIONS ARE TO BE PER LOW VOLTAGE CONTRACTOR.

SHEET INDEX:

- E-001 ELECTRICAL SYMBOLS, LEGEND AND NOTES
- E-001A ELECTRICAL SYMBOLS, LEGEND AND NOTES
- E-002 TITLE 24 COMPLIANCE FORMS
- E-003 TITLE 24 COMPLIANCE FORMS
- E-010 SINGLE LINE DIAGRAM, PANEL SCHEDULES AND CALCULATIONS
- E-110 POWER / LIGHTING PLANS
- E-111 EMERGENCY LIGHTING PHOTOMETRIC PLAN
- E-111 GENERAL LIGHTING PHOTOMETRIC PLAN
- E-201 ELECTRICAL GENERAL DETAILS
- E-202 LIGHTING CONTROL DETAILS
- E-203 LIGHTING CONTROL DETAILS

19. COORDINATE WITH THE ARCHITECTURE/CLIENT FOR FIXTURE AND OUTLET MOUNTING HEIGHT PRIOR TO INSTALLATION.

20. ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT LISTED IN SCHEDULE. ANY MODIFICATIONS AND/OR ADDITIONAL WORK NECESSARY SHALL BE INCLUDED IN THE BASE BID.

21. ALL TEMPERATURE CONTROL AND INTERLOCK CONDUIT AND WIRING SHALL BE BY ELECTRICAL CONTRACTOR U.N.O. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

22. ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL CONNECTION POINTS WITH THE EQUIPMENT MANUFACTURER AND OR INSTALLER PRIOR TO ROUGH-IN.

23. ALL FUSES FOR FUSIBLE DISCONNECTS TO BE SIZED PER EQUIPMENT NAMEPLATES.

24. ELECTRICAL CONTRACTOR TO PROVIDE MINIMUM 1" EMT CONDUIT, FOR ALL MECHANICAL LOW VOLTAGE WIRING, COORDINATE WITH MECHANICAL DRAWINGS FOR MORE INFORMATION.

25. PROVIDE FIRESTOP CAULKING FOR ANY PIPES, CONDUITS, AND DUCTS PENETRATING EXTERIOR OR INTERIOR FIRE RATED WALLS.

26. USE RIGID GALVANIZED CONDUIT IN ALL EXTERIOR EXPOSED

27. ELECTRICAL CONTRACTOR SHALL INCLUDE COST FOR ALL HVAC CONTROL COMPONENTS, CONDUITS, DEVICES, ETC. AS NECESSARY FOR A COMPLETE AND OPERATING HVAC SYSTEM. REFER TO MECHANICAL

28. ALL OUTLET AND SWITCH PLATES SHALL BE PROVIDED WITH A LABEL NOTING PANEL AND CIRCUIT. LABEL SHALL BE CLEAR TAPE WITH BLACK LETTERS.

31. APPLIANCES PROVIDED AND INSTALLED SHALL HAVE AN ENERGY STAR DESIGNATION. ANY DIFFERENCES BETWEEN THE CALCULATED LOADS SHOWN ON THE PLANS, AND THE FINAL MANUFACTURER LOADS AS PROVIDED BY THE CONTRACTOR SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ELECTRICAL ENGINEER PRIOR TO PROCUREMENT AND INSTALLATION.

32. BATHROOM EXHAUST FANS NOT FUNCTIONING AS A COMPONENT OF THE WHOLE BUILDING SHALL BE CONTROLLED BY A READILY ACCESSIBLE HUMIDISTAT.

33. CONCEAL ALL CONDUIT IN THE WALLS AND PLENUM AS MUCH AS REASONABLY POSSIBLE. EXPOSED CONDUIT SHALL BE COORDINATED WITH THE ARCHITECT AND FINISHED PER ARCHITECTURAL PLANS.

34. RECEPTACLE HEIGHTS ARE SHOWN FOR REFERENCE ONLY, REFERENCE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION

35. SMOKE DETECTORS SHALL BE PROVIDED IN EACH SEPARATE SLEEPING AREA AND OUTSIDE EACH SEPARATE SLEEPING AREA. INSTALL A MINIMUM OF 3' FROM FROM DUCT OPENINGS.

36. SMOKE DETECTORS SHALL BE PERMANENTLY WIRED AND INTERCONNECTED. PROVIDE BATTERY BACK-UP, PER NFPA 72.

37. WHERE THE HIGHEST POINT OF A CEILING IN A ROOM THAT OPENS TO THE HALLWAY SERVING THE BEDROOMS EXCEEDS THAT OF THE OPENING INTO THE HALLWAY BY MORE THAN 24" A SMOKE DETECTOR SHALL BE INSTALLED IN THE HALLWAY AND IN ADJACENT ROOM WITHIN 12" OF THE HIGHEST POINT OF THE CEILING.

38. INTERCONNECTED SMOKE DETECTORS SHALL BE INSTALLED AND APPROVED BY THE FIRE DEPARTMENT PRIOR TO CCCUPANCY.

39. ALL WORK SHALL COMPLY WITH NFPA 72. NATIONAL FIRE ALARM CODE.

40. SINGLE AND MULTIPLE STATION CARBON MONOXIDE ALARMS SHALL BE LISTED AS COMPLYING WITH THE REQUIREMENTS OF UL 2034. CARBON MONOXIDE DETECTORS SHALL BE LISTED AS COMPLYING WITH THE REQUIREMENTS OF UL2075, SEC. R315.3.

41. ALL SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE GOVERNING CRC & THE FIRE WARNING FOUIPMENT PROVISIONS OF NEPA 72 SYSTEMS AND COMPONENTS SHALL BE CALIFORNIA STATE MARSHAL LISTED & APPROVED IN ACCORDANCE WITH CCR, TITLE 19, DIVISION 1, FOR THE PURPOSE FOR WHICH THEY ARE INSTALLED, SEC. R314.1.

42. WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL SUITE THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT, SEC. R314.3

43. ALL 120V. SINGLE PHASE, 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN SUITE FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, KITCHEN, LAUNDRY OR SIMILAR ROOMS OR AREAS SHALL BE PROVIDED WITH A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.

44. 125-VOLT, 15 AND 20 AMPERE RECEPTACLES INSTALLED IN EVERY KITCHEN, FAMILY ROOM, LIVING ROOM, DINING ROCM, BATHROOM, GARAGE, BASEMENT, BEDROOM, LAUNDRY OR OTHER SIMILAR ROOMS AND OUTDOOR PATIO AREA SHALL BE UL LISTED TAMPER RESISTANT RECEPTACLES, PER CEC 406.11.

45. GROUND FAULT CONVENIENCE OUTLETS SHALL BE INSTALLED IN ALL LOCATIONS INDICATED ON RELATED INDIVIDUAL UNIT AND BUILDING FLOOR PLANS AS INDICATED. REFERENCE ELECTRICAL SYMBOLS LIST, SHEET E001.

46. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ARCHITECTURAL PLANS FOR LOCATION OF RECEPTACLES, AND INSTALLING RECEPTACLES IN THE FLOOR WHERE NECESSARY IN ORDER TO CONFORM WITH THE RESIDENTIAL SPACING REQUIREMENTS FOR RECEPTACLES AS OUTLINED IN THE 2019 CEC.

47. ALL CURRENT CARRYING CONDUCTORS SHALL BE COPPER. INSULATION SHALL BE TYPE THHN/THWN FOR ALL BRANCH CIRCUITS UP TO AND INCLUDING SIZE #2AWG. INSULATION FOR CONDUCTORS OVER SIZE #2AWG SHALL BE XHHW.

48. ALL GROUND CONDUCTORS SHALL BE INSULATED COPPER.

49. ALL CONDUIT SHALL BE EMT (INSTALLED IN INTERIOR CONCEALED SPACES) OR SCHEDULE-40 PVC (INSTALLED UNDERGROUND) UNLESS OTHERWISE NOTED.

50. ALL AMPACITIES ARE BASED UPON TABLE 310.16 OF THE 2019 C.E.C.

51. FEEDER SCHEDULES INDICATE DATA FOR COPPER CONDUCTORS RATED UP TO 600V AT 75 DEGREES CELSIUS.

52. ALL OUTLET AND SWITCH PLATES SHALL BE PROVIDED WITH A LABEL NOTING PANEL AND CIRCUIT. LABEL SHALL BE CLEAR TAPE WITH BLACK LETTERS.

	ELECTRICAL SYMBOLS
6	LIGHT SWITCH, 120V/20A, MOUNT 48" A.F.F. (U.N.O.)
\$- 3.4	3-WAY LIGHT SWITCH, 4-WAY LIGHT SWITCH
	DUPLEX RECEPTACLE, 120V/20A, MOUNT 15" A.F.F. (U.N.O.)
\bigcirc	SWITCHED DUPLEX RECEPTACLE
-	250 VOLT, 50 AMP RECEPTACLE W/ 3#6 TO RESIDENTIAL PANEL. R-11,13
S _T 2	THERMAL DISCONNECT SWITCH
Ø	GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE. MOUNTING HEIGHT AS NOTED.
\bigcirc	CEILING MOUNTED FIXTURE
	WALL MOUNTED FIXTURE
0	RECESSED EXHAUST FAN, SEE MECHANICAL DRAWINGS FOR EXACT LOCATION.
⊙ _{db}	DOOR BELL
J	JUNCTION BOX, MOUNT AS SHOWN
0	CARBON MONOXIDE DETECTOR W/ BATTERY BACKUP PER CA SB183
S	SINGLE. STA. SMOKE DETECTOR, UBC APPR'D, BATT. BACKUP, 120V
F	TELEVISION/CABLE OUTLET, MOUNT @ 15" A.F.F. (U.N.O.)
•	TELEPHONE JACK, MOUNT 15" A.F.F. PROVIDE 3/4" C W/PULLSTRING TO ACCESSIBLE LOCATION. MOUNT @ +6" ABOVE COUNTERS IN KITCHEN LOCATIONS.
	CHIMES, PROVIDE 120V XFMR AS REQUIRED.
	ELECTRICAL PANEL (SEE PANEL SCHEDULE)
\$ ^D	DIMMER SWITCH COMPATIBLE WITH FIXTURE(S) CONTROLLED.
	FUSED SAFETY SWITCH, SIZED AS SHOWN
\ominus	FLUSH FLOOR MOUNTED CONVENIENCE OUTLET.
\$	WALL SWITCH BOX MTD OCCUPANCY SENSOR. MANUAL-ON, AUTO-OFF.
WP	WEATHERPROOF
UNO	UNLESS NOTED OTHERWISE
	FIRE ALARM MANUAL PULLSTATION
SP	CEILING MOUNTED SPEAKER/TONE GENERATOR WITH F_ASHING STROBE FOR PUBLIC ADDRESS OR ALARM
SD	CEILING MOUNTED ADDRESSABLE SMOKE DETECTOR – SEE FIRE ALARM REQUIREMENTS AS PART OF THE DEFERRED PERMIT
M	MULTI LEVEL OCCUPANCY/VACANCY SENSOR PER TITLE 24 REQUIREMENTS
HD	ADDRESSABLE HEAT DETECTOR, CEILING MOUNTED
•	ADDRESSABLE FIRE ALARM MAGNETIC DOOR HOLD-OPEN
TS	ADDRESSABLE TAMPER SWITCH
FS	ADDRESSABLE FLOW SWITCH
F	ADDRESSABLE STROBE DEVICE
S	ADDRESSABLE SPEAKER DEVICE
Μ	MAGNETIC DOOR LOCK CONTROLS PER FA PLAN
JH	JUNCTION BOX, WALL MOUNTED
M	WALL MOUNTED MULTI LEVEL OCCUPANCY SENSOR PER TITLE 24 REQUIREMENTS
	Approved For State of Californ Commercial Modular By

These plans have been approved pursuant to the provisions of The State of California Health and Safety Code, Division 13, Part 2 and California Code of Regulations, Title 25, Chapter 3, Subchapter 2

Plan Approval No. MAC-CM 10045

Approval Date: 9/3/2023 Expiration Date: 11/30/2024

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PROFESSIONAL ANDREW R. BALKWELL No. E18563 \Rightarrow Exp 12/31/24 FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	
REVISIONS	
ISSUE DATES CLIENT DESIGN DEVELOPMENT HEALTH DEPARTMENT PERMIT SET CONSTRUCTION SET	
PROJECT NAME: 20' CATERING CONTAINER 1148 INDUSTRIAL AVENUE. ESCONDIDO, CA 92029 MODEL: HFCS20-2023CATER S/N: HFCS-20-2023 S/N: HFCS-20-2023 COMERCIAL MODULAR MANUFACTURER: FREEFORM DEVELOPMENT INC.	
DATE: 8-29-2023 SCALE:	
PROJECT NUMBER: 2023-003-00	
LE: ELECTRICAL SYMBOLS, LEGEND AND NOTES	
SHEET TITLE:	

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GENERAL LIGHTING NOTES

- 1. ALL EMERGENCY BATTERY PACKS SHALL BE FURNISHED WITH 90-MIN MINIMUM BACK UP CAPABILITY AND PROVIDE NO LESS THAN 1/3 OF THE FULL LUMEN OUTPUT OF ANY INDIVIDUAL LAMP. LED LIT, TEST SWITCHES TO BE INTEGRAL TO FIXTURE, NOT REMOTE MOUNTED, CONTRACTOR SHALL ENSURE THAT A MINIMUM OF 1-FOOTCANDLE IS PROVIDED AT FLOOR LEVEL ALONG PATH OF EGRESS.
- 2. LIGHTING INSTALLED IN CORRIDORS AND STAIRWELLS SHALL BE CONTROLLED BY OCCUPANT SENSING CONTROLS THAT SEPARATELY REDUCE THE LIGHTING POWER BY AT LEAST 50% WHEN THE SPACE IS UNOCCUPIED.
- 3. LIGHTING POLLUTION REDUCTION: ALL EXTERIOR LIGHT POLLUTION MUST COMPLY WITH CGC SECTION 5.106.8 AND SAN DIEGO MUNICIPAL CODE CHAPTER 14, ARTICLE 2, DIVISION
- 4. OUTDOOR LIGHTING SHALL NOT EXCEED NOMINAL 4000 KELVIN COLOR CORRELATED TEMPERATURE (CCT). (SAN DIEGO MUNICIPAL CODE-CHAPTER 14, ART.2, DIVISION 7, PAGE 3)
- 5. ALL OUTDOOR LIGHTING SHALL BE TURNED OFF BETWEEN 11:00 PM AND 6:00 AM
- 6. PROVIDE EMERGENCY LIGHTING FIXTURE SHALL BE SHADOW AND SWITCHED, TEST SWITCH INTEGRAL FIXTURE.
- 7. LIGHTING CONTROL DEVICES AND SYSTEMS, BALLASTS AND LUMINARIES SHALL COMPLY TO 2019 CENC, SECTION 110.9.
- 8. LIGHT SOURCES THAT ARE NOT MARKED "JA8-2019-E" SHALL NOT BE INSTALLED IN ENCLOSED LUMINAIRES. ES 150.0(K)
- 9. SHADED FIXTURE INDICATES EGRESS FIXTURE WITH 90 MIN. BATTERY BACKUP. SEE GENERAL LIGHTING NOTES FOR ADDITIONAL INFORMATION
- 10. RECESSED CAN LIGHT FIXTURES SHALL BE IC LISTED, AIR-TIGHT LABELED, AND NOT BE EQUIPPED WITH A STANDARD MEDIUM BASE SCREW SHELL LAMP HOLDER. ES 150.0(K)

GENERAL NOTES

- 1. APPLIANCES PROVIDED AND INSTALLED SHALL HAVE AN ENERGY STAR DESIGNATION
- 2. PROVIDE CONDUIT RATED CABLE FOR ALL TELECOMMUNICATIONS CABLE RUN IN CONDUIT BACK TO TELECOMMUNICATIONS BACKBOARD.
- 3. SEE ARCHITECTURAL PLANS FOR MOUNTING LOCATIONS/ HEIGHTS AND MATERIAL FINISH REQUIREMENTS
- 4. BATHROOM EXHAUST FANS NOT FUNCTIONING AS A COMPONENT OF THE WHOLE BUILDING SHALL BE CONTROLLED BY A READILY ACCESSIBLE HUMIDISTAT.
- 5. CONCEAL ALL CONDUIT IN THE WALLS AND PLENUM AS MUCH AS REASONABLY POSSIBLE. EXPOSED CONDUIT SHALL BE FINISHED PER ARCHITECTURAL PLANS.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR MOUNTING ALL CONDUIT AND EQUIPMENT, PROVIDING SUPPORTS AND GROUNDING PER CEC REQUIREMENTS.
- 7. FUSED DISCONNECTS AND SAFETY SWITCHES FOR ALL MECHANICAL EQUIPMENT SHALL BE CONNECTED TO MECHANICAL EQUIPMENT WITH LIQUID-TIGHT FLEXIBLE, NON-METALLIC CONDUIT.
- 8. FUSED DISCONNECTS, SAFETY SWITCHES AND MAINTENANCE RECEPTACLES SHALL BE MOUNTED TO MECHANICAL EQUIPMENT IF ALLOWED BY MECHANICAL EQUIPMENT UL LISTING. IF NOT ALLOWED BY MECHANICAL EQUIPMENT MANUFACTURER, CONTRACTOR SHALL PROVIDE UNISTRUT TYPE SUPPORTS ANCHORED TO CONCRETE FOUNDATIONS WITH EXPANSION BOLTS. ALL UNISTRUT SHALL HAVE THEIR ENDS PLASTIC CAPPED OR COLD GALVANIZED.
- ALL EXTERIOR EQUIPMENT SHALL BE IN NEMA 3R, WATER PROOF ENCLOSURES.
- 10. STEEL ELECTRICAL OUTLET BOXES AT FIRE BARRIER WALLS SHALL NOT EXCEED SIXTEEN SQUARE INCHES, SHALL NOT EXCEED 100 SQ IN PER 100 SQ FT OF WALL, AND SHALL BE SEPARATED Y A HORIZONTAL DISTANCE OF 24" WHEN ON OPPOSITE SIDES OF A WALL. SEC. 714.3.2.
- 11. EMERGENCY AND STANDBY POWER SYSTEMS SHALL BE MAINTAINED IN ACCORDANCE WITH NFPA 110 AND NFPA 111 SUCH THAT THE SYSTEM IS CAPABLE OF SUPPLYING SERVICE WITHIN TIME SPECIFIED FOR THE TYPE AND DURATION REQUIRED. CFC 604.3.
- 12. ELEVATORS SHALL BE PROVIDED WITH PHASE I EMERGENCY RECALL OPERATION AND PHASE II EMERGENCY IN-CAR OPERATION IN ACCORDANCE WITH CCR, TITLE 8. DIV. 1. CHAPTER 4. SUBCHAPTER 6. ELEVATOR SAFETY ORDERS, CFC SECTION 607.1.
- 13. ALL CURRENT CARRYING CONDUCTORS SHALL BE COPPER. INSULATION SHALL BE TYPE THHN/THWN FOR ALL BRANCH CIRCUITS UP TO AND INCLUDING SIZE #2AWG. INSULATION FOR CONDUCTORS OVER SIZE #2AWG SHALL BE XHHW.
- 14. ALL GROUND CONDUCTORS SHALL BE INSULATED COPPER.
- 15. ALL CONDUIT SHALL BE EMT (INSTALLED IN INTERIOR CONCEALED SPACES) OR SCHEDULE-40 PVC (INSTALLED UNDERGROUND) UNLESS OTHERWISE NOTED.
- 16. ALL AMPACITIES ARE BASED UPON TABLE 310.16 OF THE 2019 C.E.C.
- 17. FEEDER SCHEDULES INDICATE DATA FOR COPPER CONDUCTORS RATED UP TO 600V AT 75 DEGREES CELSIUS.
- 18. ALL OUTLET AND SWITCH PLATES SHALL BE PROVIDED WITH A LABEL NOTING PANEL AND CIRCUIT. LABEL SHALL BE CLEAR TAPE WITH BLACK LETTERS.

TABLE 150.0-A CLASSIFICATION OF HIGH EFFICACY LIGHT SOURCES

High Efficacy Light Sources Luminaires installed with only the lighting te	echnologies in this table shall be classified as high efficacy
Light sources in this column other than those installed in ceiling recessed downlight luminaires are classified as high efficacy and are not required to comply with Reference Joint Appendix JA8	Light sources in this column shall be certified to the Commission as High Efficacy Light Sources in accordance with Reference Joint Appendix JA8 and be marked as meeting JA8.
 Pin-based linear or compact fluorescent light sources using electronic ballasts. Pulse-start metal halide. High pressure sodium. GU-24 sockets containing light sources other than LEDs. a,b Luminaires with hardwired high frequency generator and induction lamp. Inseparable SSL luminaires that are installed outdoors. Inseparable SSL luminaires containing colored light sources that are installed to provide decorative lighting. 	 8. All light sources in ceiling recessed downlight luminaires. Note that ceiling recessed downlight luminaires shall not have screw bases regardless of lamp type as described in Section 150.0(k)1C. 9. GU-24 sockets containing LED light sources. 10. Any light source not otherwise listed in this table and certified to the Commission as complying with Joint Appendix 8.
Notes: a. GU-24 sockets containing light sources such as	compact fluorescent lamps and induction lamps.

FIRE ALARM NOTES

1. THE FIRE ALARM RISER DIAGRAM AND ALL OTHER DETAILS, NOTES AND EQUIPMENT SHOWING ANY FIRE PROTECTION EQUIPMENT SHOWN FOR REFERENCE ONLY AND IS PART OF A DEFERRED SUBMITTAL REQUIREMENT.

2. PER SECTION 907.5.2.3.1 AND 11B-702.1 WHEN EMERGENCY WARNING SYSTEMS OR FIRE ALARMS ARE PROVIDED, THERE SHALL BE APPROVED NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED, INSTALLED IN ACCORDANCE WITH NATIONAL STANDARDS IN THE FOLLOWING AREAS A) RESTROOMS

- **B) CORRIDORS**
- D) LOBBIES

3. AUDIBLE AND VISUAL ALARMS WILL COMPLY WITH THE PROVISIONS OF TITLE 24 SECTION 907

GREEN BUILDING DEPARTMENT NOTES

FOR COMMENTS RELATED TO TESTING AND ADJUSTING

- CLOCK OVER-RIDE.
- AND TIME CLOCK OVER-RIDE.
- THE PLANS

Approved For State of California **Commercial Modular**

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provisions of The State of California Health and Safety Code, Division 13, Part 2 and California Code of Regulations, Title 25, Chapter 3, Subchapter 2 Plan Approval No. MAC-CM 10045 Approval Date: 9/3/2023

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b. California Title 20 Section 1605(k)3 does not allow incandescent sources to have a GU-24 base.

C) MULTIPURPOSE ROOMS

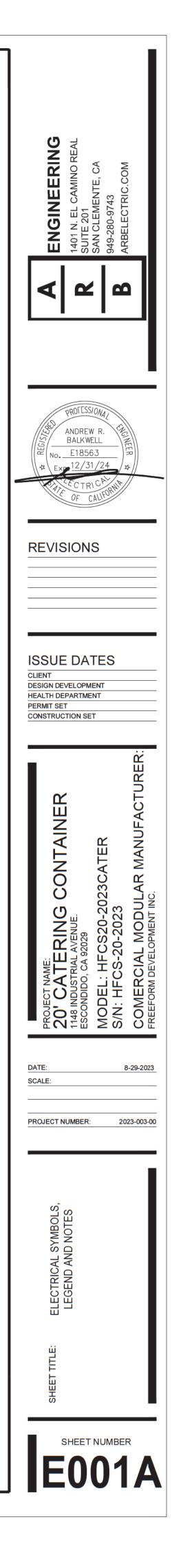
1. EXTERIOR LED LIGHTING SHALL BE CONTROLLED WITH PHOTOCELLS AND MOTION DETECTORS FOR 50% DIMMING WHEN NOT OCCUPIED, AND TIME

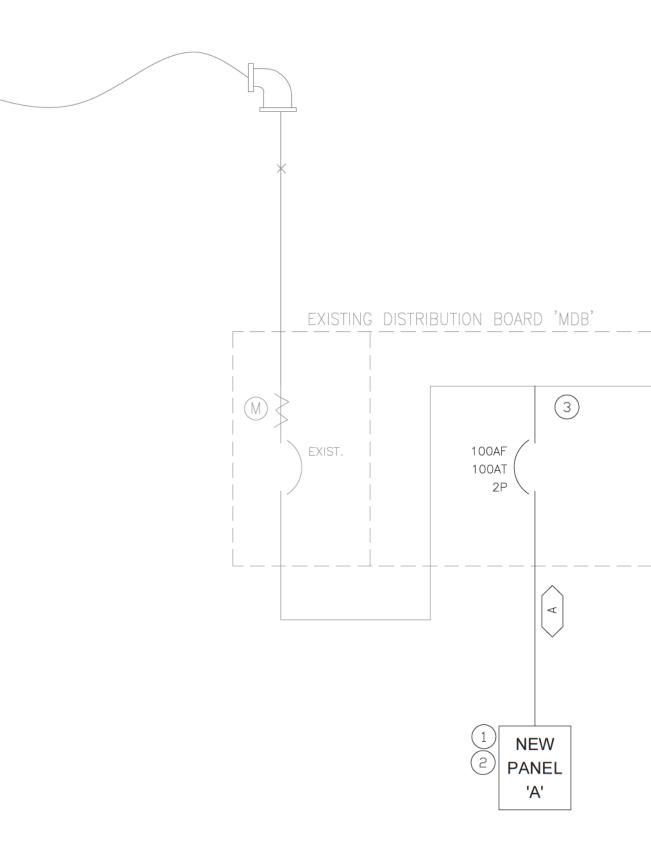
2. THE COMMON AREAS. INCLUDING CORRIDORS AND STAIRWELLS SHALL HAVE LED FIXTURES CONTROLLED WITH A COMBINATION OF MOTION DETECTORS.

3. LIGHTING IN ALL RESIDENTIAL UNITS SHALL BE CONTROLLED WITH A COMBINATION OF DIMMERS AND OCCUPANCY SENSORS AS DESCRIBED ON

4. THE EVSE MUST CONSIST OF MINIMUM 1" CONDUIT EXTENDING FROM THE MAIN PANEL TO A JUNCTION BOX WHERE THE EVSE RECEPTACLE WILL BE PROVIDED. THE MAIN SERVICE PANEL MUST BE SIZED TO ACCOMMODATE 208/240 VOLTS, 40AMP DEDICATED BRANCH CIRCUIT. EVCS SHALL BE SHOWN IN COMMON USE AREAS AVAILABLE TO ALL RESIDENTS. CGC 4.106.4.

5. PRIOR TO FINAL INSPECTION THE LICENSED CONTRACTOR OR ARCHITECT IN RESPONSIBLE CHARGE OF THE OVERALL CONSTRUCTION MUST PROVIDE TO THE BUILDING DEPARTMENT OFFICIAL WRITTEN VERIFICATION THAT ALL APPLICABLE PROVISIONS FROM GREEN BUILDING STANDARDS CODE HAVE BEEN IMPLEMENTED AS PART OF THE CONSTRUCTION. CGC 102.3.





SINGLE LINE DIAGRAM

SCALE: NONE

PANE	EL NO. NEW PANEL (A)	SECT	ON: 1	OF	1		Bus:	208	/120	Volts					Main C.B.,		10	0 AMP
Locat	ion: ELECTRICAL RM	- L1 Serving	a: No	ormal Powe	er		1	PH,	3	Wire,		100	AMP		Main Lugs C	only		
	Integrated Equipment SC			Feed Th	ru Lugs		1	0.4	1.5				Flush I		10.12000		Top Fe	eed
	22,000 RM	S SYM AMPS		SubFeed	Lugs				lso. G	nd. Bu	IS	11.26	X Surfac	e Mnt			Bot. Fe	ed
Load		1995 B. 1997		CONN		C.B.		1000	1755	C.B.		CONN	1013					Load
Туре	Circuit Description	b		KVA	AMP F	Pole	CKT	PH	CKT	Pole	AMP	KVA	Circuit	Desc	ription	1		Туре
R	GENERAL RECEP.			0.36	20	1	1	Α	2	1	20	0.36	MAINT. RE	ECP.				R
R	FREEZER 1			0.35	20	1	3	В	4	1	20	0.35	FREEZER	2				R
R	POS			1.20	20	1	5	С	6	2	20	1.00	COFFEE E	ESPR	ESSO			R
1	SPACE			1	-		7	Α	8	-	1.40	1.00	W/ CKT N	0.5	1212			R
R	(FUT.) EQUIP. 1			0.36	20	1	9	В	10	1	20	0.36	(FUT.) EQ	UIP. 2	2			R
R	LIGHTING			0.10	20	1	11	С	12	2	45	4.44	WH (ELEC	TRIC	.)			H
	SPACE		-		1000.01		13	Α	14	-	1	4.44	WITH CKT	T NO	12			H
	SPACE						15	В	16		1		SPACE					
	SPACE						17	С	18				SPACE					
	SPACE		11				19	Α	20				SPACE			1		
	SPACE						21	В	22				SPACE					
	SPACE						23	С	24		1	1	SPACE					
Total	Receptacle (R) Load @ '	80VA/ea 10	1% for	first 10 00	8 AV/0	50%	for rer	nainde	ar.			hard	1 . A . A		54	4 KV	/Δ	
	Noncoincident (E) Load			VA (Not in						Total	HVAC	(H) Load	d:			8 K\	e / e /	
	Lighting (L) Load @ 1.25		.00 K						ontinuo				212.1		0.0	0 KV	/A	
	Motor (M) Load:		.00 K	/A			Large	st Mot	or: (25%	6 adde	ed to d	emand lo	ad):	2 HP	0.5	0 KV	/A	
	TOTAL CONNECTED L	DAD:		CONNEG	CTED A	MP	A	в	С			TOTAL	DEMAND L	OAD				
		14.3 KVA		Total /	Φ		51	12	56			14.8	KVA		71	3 A		

	FEEDER SCHEDULE																							
ID	FEEDER	FROM	FAULT CURRENT	equip Name	v	PHASE	AMPS	POWER FACTOR	FEEDER MATERIAL C=COPPER A=ALUMINUM	LENGTH FEET	CONDUCTORS PER PHASE	CONDUCTOR SIZE	SIZE GND	CONDUIT	AIC	C VALUE	FACTOR	MULT.	lsca	R	м	VOLT DROP	VOLT DROP %	AIC EQUIP RATING
001	A	MDB	42000	А	208	1	100	98%	С	50.00	1	3# 1	1# 8	1-1/2"	17615	7293	1.3844	0.4194	17614.77	0.154	2.000	1.54	0.74%	22000

REFERENCE NOTES

- 1) PROVIDE 100A, 1PH, 3-WIRE PANEL 'A' IN NEMA 3R ENCLOSURE. SEE PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
- (2) CONNECT NEW PANEL 'A' TO NEW 100A BREAKER IN EXISTING SWITCHGEAR 'MDB'.
- CONTRACTOR TO ENSURE NEW BREAKER FITS IN EXISTING PANEL AND MAINTAINS ALL EXISTING RATINGS PRIOR TO PROCUREMENT AND INSTALLATION.

GENERAL NOTES

- 1. AIC RATINGS BASED ON EXISTING AS-BUILT INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING AVAILABLE FAULT CURRENT AND ALL EXISTING EQUIPMENT AVAILABLE FAULT CURRENT RATINGS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES TO START OF CONSTRUCTION.
- 2. INSTALLER TO FIELD VERIFY CONDUCTOR LENGTHS
- 3. POSTING OF THE MAXIMUM CALCULATED FAULT CURRENT ON THE SERVICE WITH THE DATE THE CALCULATION WAS PERFORMED WILL BE REQUIRED CEC 110.24(A)
- 4. INSTALLER TO USE EMT FOR ALL ABOVE GROUND FEEDERS.
- 5. BRANCH CIRCUIT WIRING SHALL BE INSTALLED IN ACCORDANCE WITH CEC ARTICLE 300, ALL CONDUCTORS SHALL BE COPPER TYPE THHN INSULATION AT 90°C. U.O.N. ALL EQUIPMENT AND THE WIRING TERMINALS SHALL BE SUITABLE FOR 75° C. WIRING TERMINATIONS.
- THE FOLLOWING WIRING METHODS ARE NOT ALLOWED: A) NON-METALLIC CABLE, TYPES NM OR NMC (ROMEX) FOR ANY INSTALLATION. B) ARMORED CABLE, TYPE AC (BX) IN CONCEALED LOCATIONS.

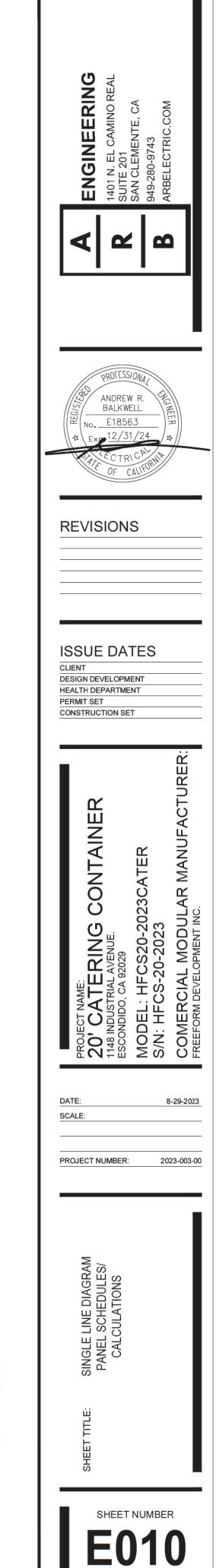
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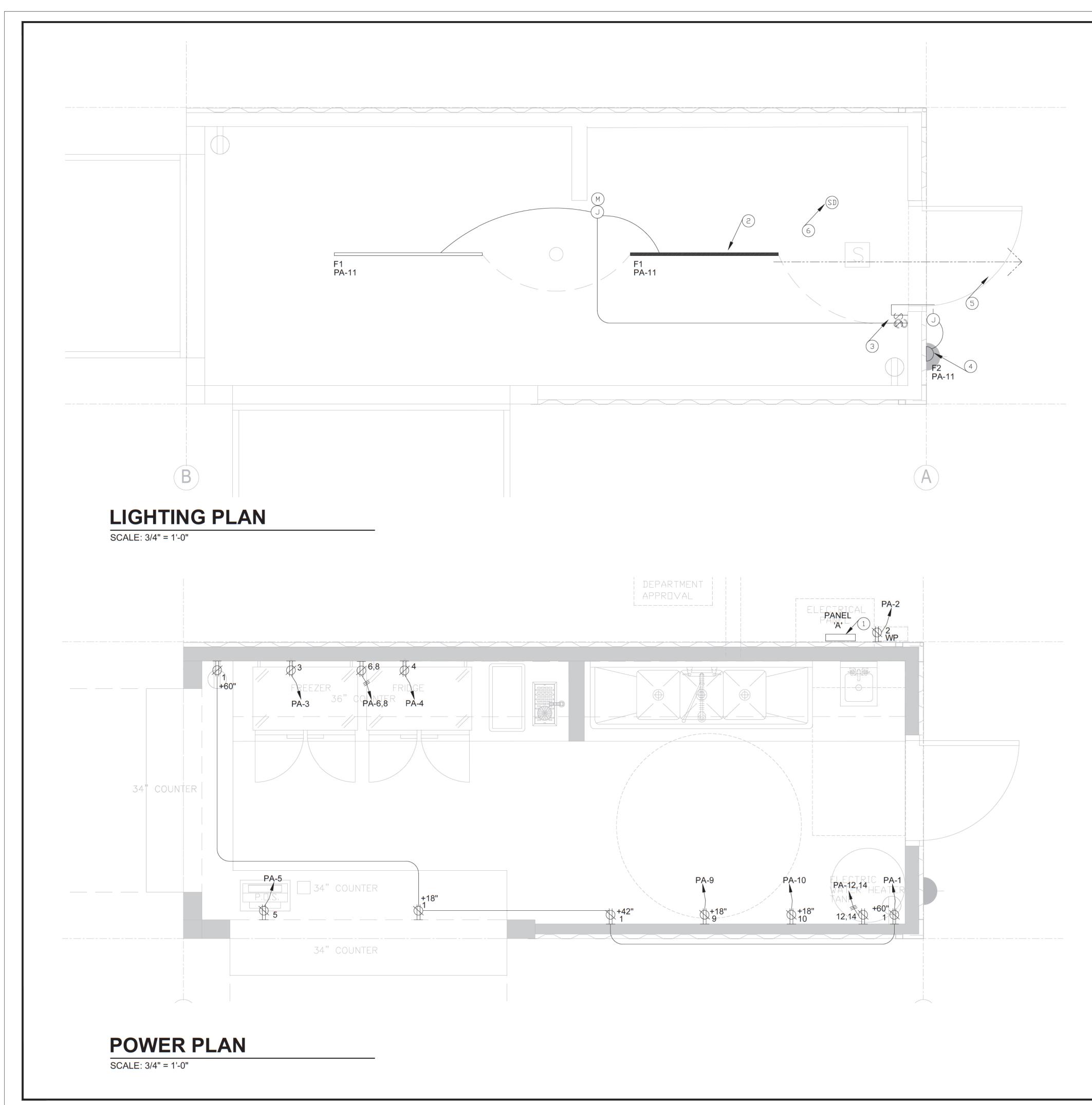
By MA Consulting & Engineering MACE, LLC. Third Party Design Approval Agency (DAA) Certificate Number: DM1570821

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REFERENCE NOTES

- (1) PROVIDE NEW 100A, 208/120V, 1Ø, 3-WIRE PANEL 'A'.
- PROVIDE EMERGENCY LIGHTING FIXTURES. CONTRACTOR TO ENSURE WITH MANUFACTURER THAT 1-FC AVERAGE CAN BE PROVIDED OVER A 6' WIDE PATH OF EGRESS, FOR A MINIMUM OF 90MIN AFTER LOSS OF POWER.
- (3) PROVIDE ON/ OFF DIMMER SWITCHES WITH BUILT-IN VACANCY SENSORS.
- (4) FOR EXTERIOR FIXTURES, PROVIDE MOTION DETECTORS THAT REDUCE LAMP WATTAGE BY 50% WHEN NO ONE IS PRESENT. FOR ALL EXTERIOR FIXTURES, PROVIDE PHOTOCELL CONTROLLED ASTRONOMICAL TIME CLOCK CAPABLE OF REDUCING LAMP WATTAGE BY 50% AFTER BUSINESS HOURS, AND SHUTTING OFF POWER TO ALL EXTERIOR LIGHTING WITH PHOTOCELL CONTROL AT SUNRISE. PHOTOCELL SHALL BE MOUNTED ON ROOF, WEST FACING, WITH 1/2" RMC TO LIGHTING CONTROL & ASTRONOMICAL TIME CLOCK. PHOTOCELL OVERRIDE AND ASTRONOMICAL TIME CLOCK. ON/ OFF CONTROLS SHALL BE LOCATED AT THE PANEL.
- S PER CBC 1006.3, ITEM 5; FOR EXTERIOR LANDINGS AS **REQUIRED BY SECTION 1008.1.6 FOR EXIT DISCHARGE** DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS, AND ALONG ALL PATHS OF EGRESS; THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 2702. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOTCANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOTCANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOTCANDLE (6 LUX) AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 FOOTCANDLE (0.6 LUX) AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED.
- (6) SMOKE DETECTOR, SELF CONTAINED, AC/DC, 120V. UL LISTED. VERIFY MOUNTING HEIGHT. LOCATE 3' MINIMUM FROM AC DUCT OPENING. DETECTORS SHALL HAVE BATTERY BACK-UP. (PER UNIFORM BUILDING CODE SECTION 1210) CO DETECTOR NOT REQUIRED IN BEDROOMS.



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+ 0.8	+ 1.1	⁺ 1.7	⁺ 2.7	4.1
+ 0.9	⁺ 1.2	⁺ 1.9	⁺ 3.1	+ 4.9
+ 0.9	⁺ 1.2	⁺ 1.9	⁺ 3.1	4.9
+ 0.8	+ 1.1	⁺ 1.7	⁺ 2.7	4.1

Luminaire Schedule Qty Lak 1 ZL1 Symbol

Cal Lab STG

EMERGENCY LIGHTING PHOTOMETRIC PLAN

SCALE: 3/4" = 1'-0"



abel	- Z	Arrangement	Des	cripti	on				LLF	Total	Lamp
L1D_L48_5000LM_FST_MV	OLT_40K S	Single	ZL1	D L48	5000LM	FST	MVOLT 4	0K	1.000	N.A.	
lculation Summary											
bel	CalcType	Units	Avg	Max	Mi	n	Avg/Mi	n M	ax/Min		
G Workplane	Illuminance	FC	3.96	7.8	0.	3	4.95	9	.75		
		I			I						

mp Lumens



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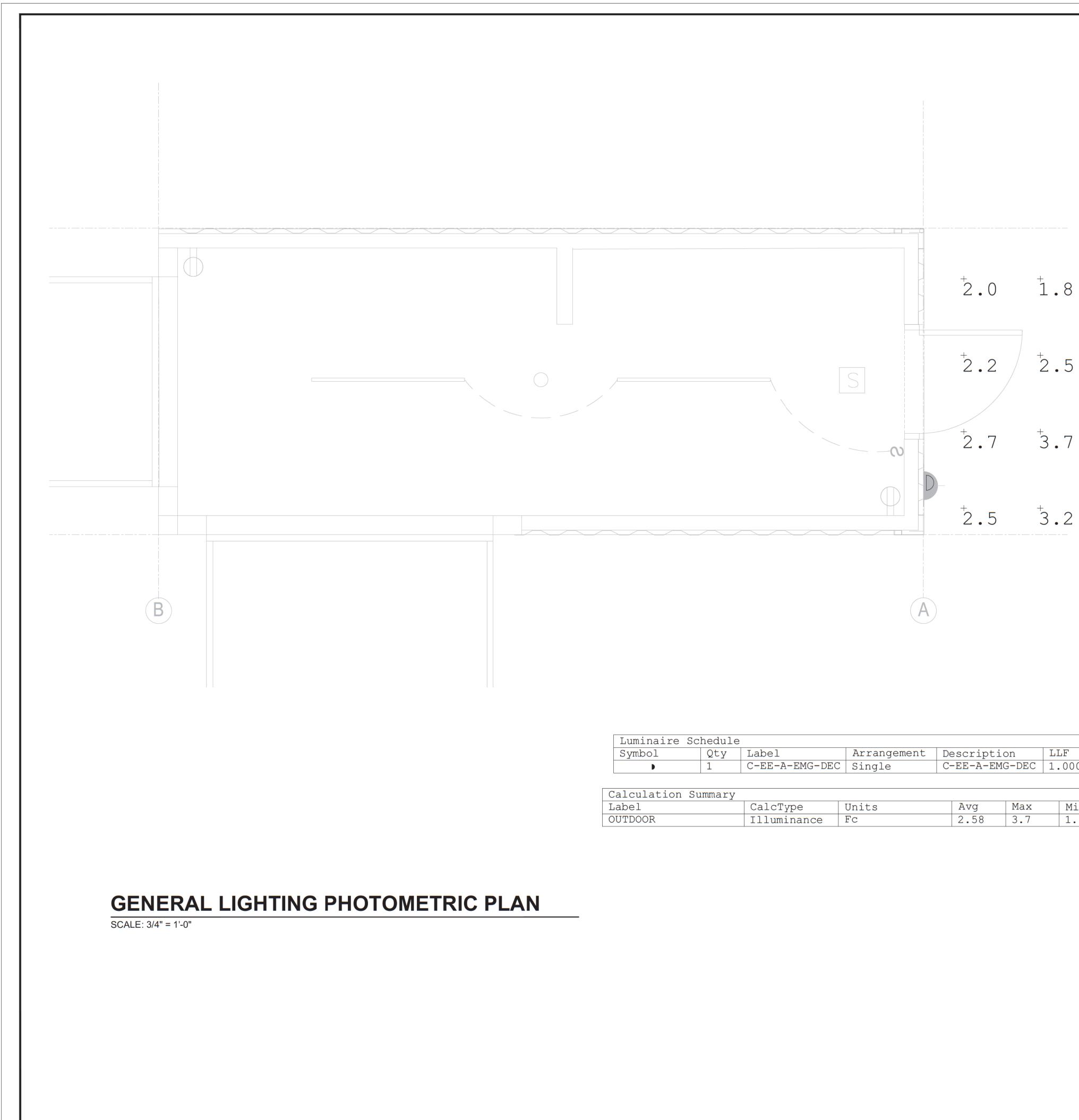
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Luminaire S	chedule								
Symbol	Qty	Label	Arrangement	Descripti	on	LLF	Tota	l Lamp	Lumens
	1	C-EE-A-EMG-DEC	Single	C-EE-A-EM	G-DEC	1.000	N.A.		
Calculation S	Summary								
Label		CalcType	Units	Avg	Max	Min	I	wg/Min	Max/Min
OUTDOOR		Illuminance	Fc	2.58	3.7	1.8	1	.43	2.06





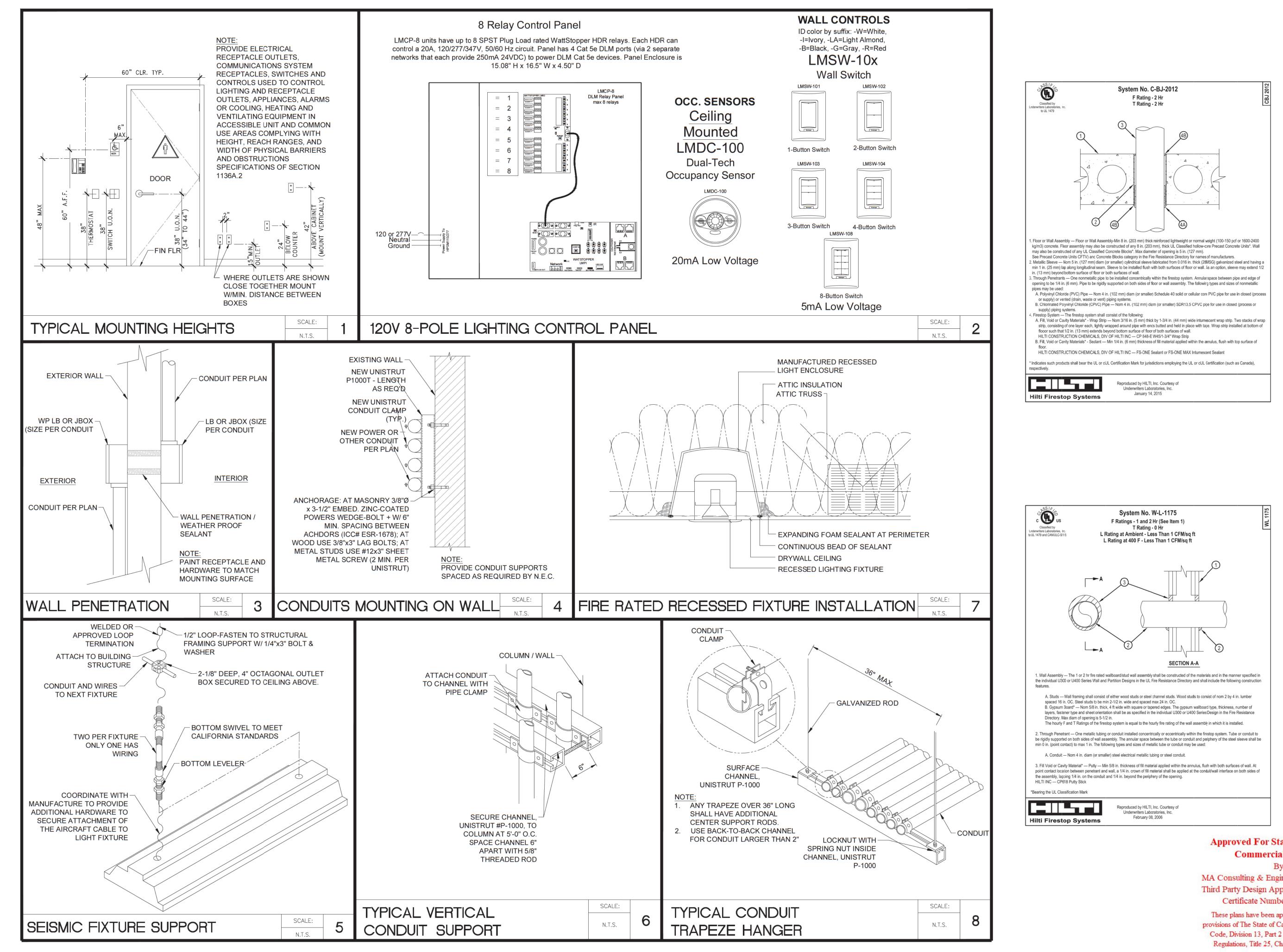
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ALL IDEAS, DESIGNS AND ARRANGEMENTS INDICATED ON THESE DRAWINGS ARE THE PROPERTY OF FOOD SERVICE DESIGN GROUP. THERE SHALL BE NO CHANGES OR DEVIATION FROM THE DRAWINGS OR ACCOMPANYING SPECIFICATION WITHOUT THE EXPRESSED CONSENT OF FOOD SERVICE DESIGN GROUP.

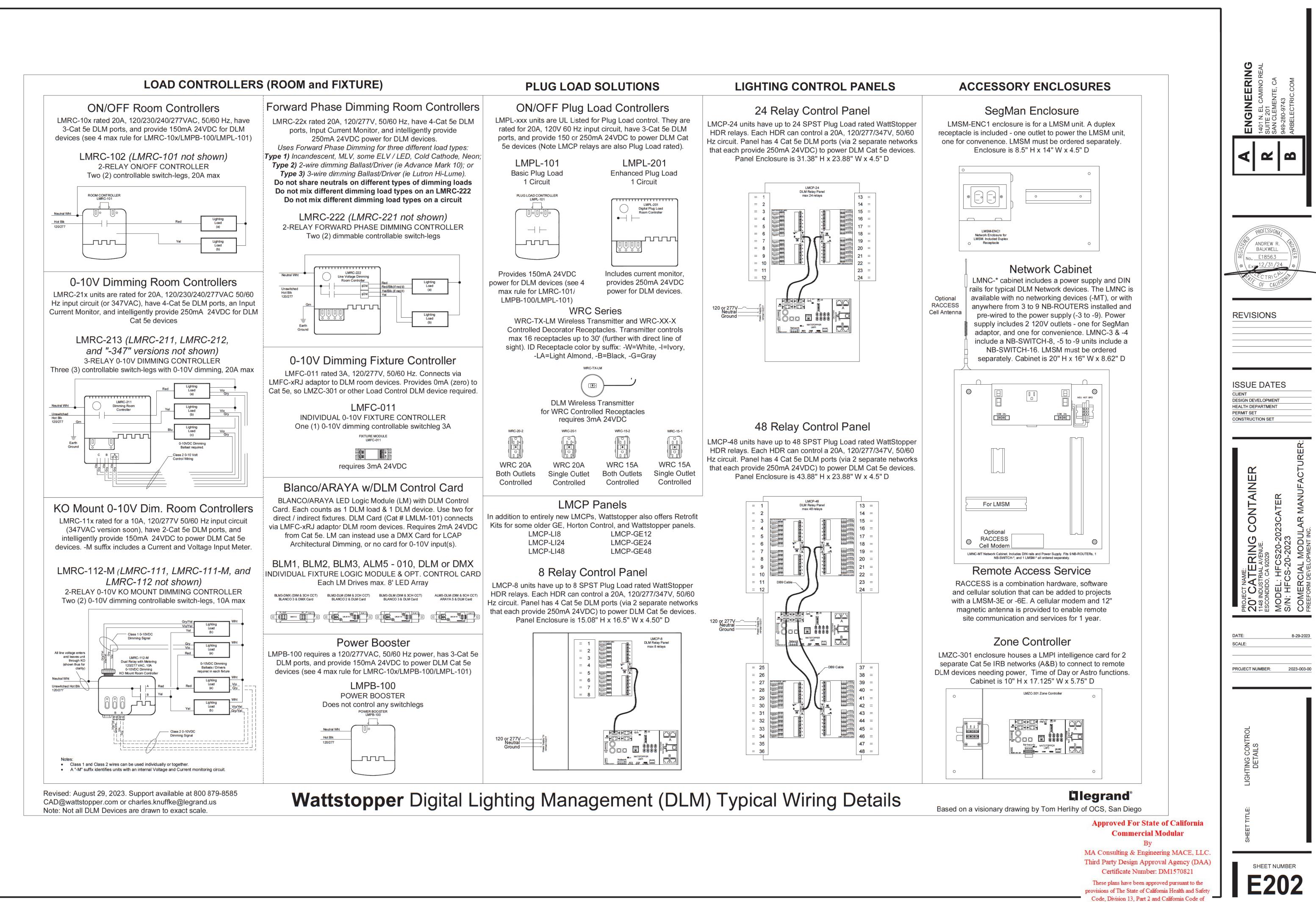
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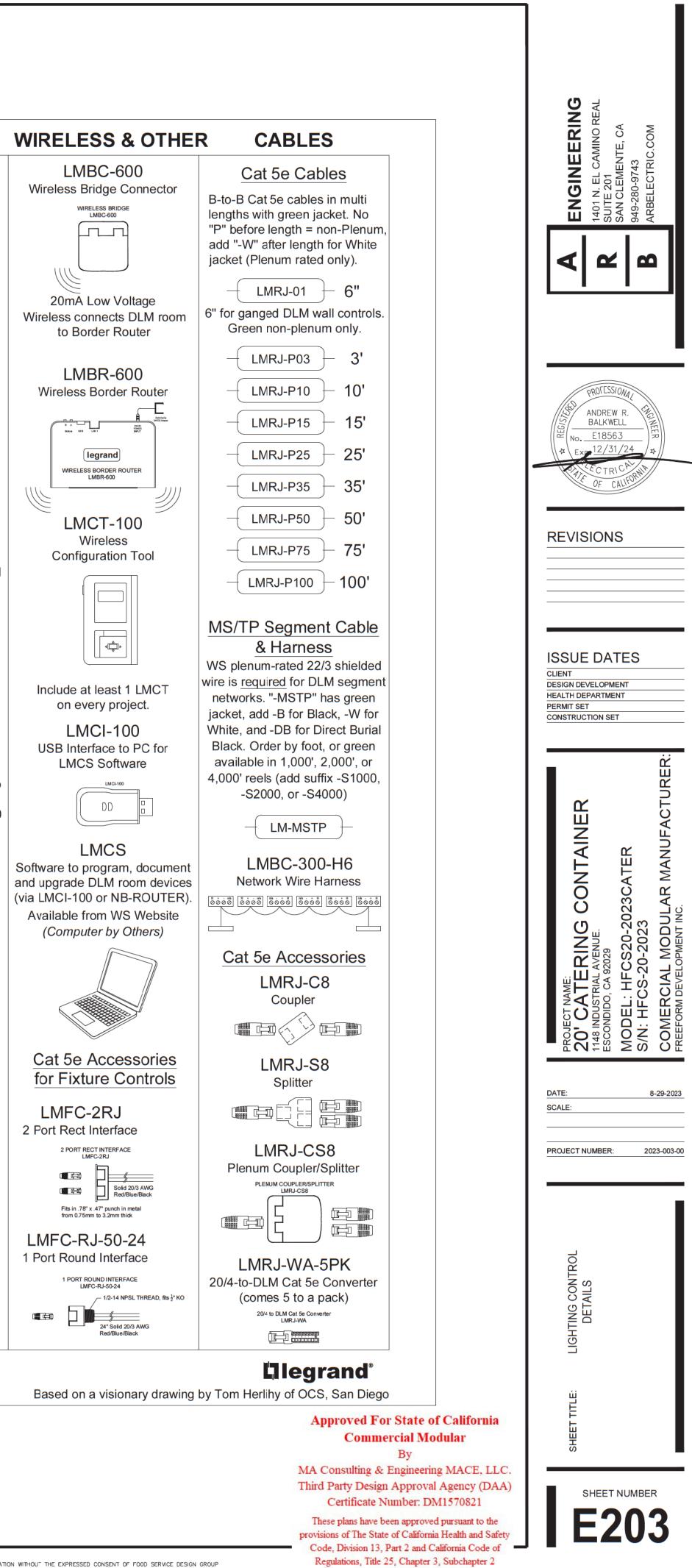
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Regulations, Title 25, Chapter 3, Subchapter 2

DLM RULES & BEST PRACTICES LM INSIDE THE ROOM Always power Room Controllers with a constant hot (unswitched) circuit. Use WS LMRJ-xx Cat 5e cables for reliable communication. No more than 4 lotal 100 series room controllers (RCS) LMCPs have smart power supplies, so you can have a DLM max of 64 loads or 48 devices. (RBs with only 100 series RCS have a max of 24 devices and 8 loads.) Check total mA consumption of DLM devices against total current available from all LMRCs. LMCPs & LMZCs on the Cat 5e network to a max of 800mA, LMRC-10x / LMPL-100 / LMPB-100 will not limit their 150mA current which is why their 4 unit max. Other LMRCs, LMCPs & LMZCs will limit their current on Cat 5e room network to 5 800mA. Don't owerload rooms: DLM device, to a max of 1,000° per IRB. Suggest rooms have - 32 loads (and never more than 4 total 100 series RCs and < 24 DLM devices unless reviewed by Project Management. 20mA 2 3 Relay Room Controllers are for multi-level lighting or multiple zones inside a room, not multiple rooms. 0ccup. Rooms ideally should have soly one "occupancy state". 0ccup. Multiple occupancy zones in a room are possible, but makes setup more challenging. 0ccup. LMN ETWORKING (via MS/TP or "Segment Wire") Only one Network Ridge per room. LMCPs and LMZCs have this device on their LMP1 intelligence card. 0ccup. ON tower bowrk Bridge ber wire - use Network Bridges. 0ccup. Pay close attention on hower bernore theore LMPS and LMZCs have this devices and where ter	. SENSORS	WAL
During the second secon	ing Mounted	ID color
LM INSIDE THE ROOM Occupation Always power Room Controllers with a constant hot Occupation (unswitched) circuit Use WS LMRJ-xx Cat 5e cables for reliable communication. No more than 4 total 100 series room controllers (RCs) LMRC-10x / LMPE-101 / LMPE-100 on a DLM Cat 5e Room Nam of 64 loads or 48 devices. (RBs with only 100 series RCs RCs have a max of 24 devices and 8 loads.) Check total mA consumption of DLM devices against total Current available from all LMRCs, LMCPs & LMZCs on the LMM CAL 5e network to a max of 800mA. LMRC-10x / LMPE-100 LMPS-100 will not limit ther 150mA current which is why their 4 unit max. Other LMRCs, LMCPs & LMZCs will limit their current or Cat 5e room network to 8 800mA. Don't overload rooms: DLM allows 150' Cat 5e (free topolgy) per intelligent DLM devices, to a max of 1,000' per intelligent DLM devices, to a max of 1,000' per intelligent DLM devices to a max of 1,000' per intelligent DLM devices to a max of 1,000' per intelligent DLM devices to a max of 1,000' per intelligent DLM devices to a max of 1,000' per intelligent DLM devices (LMCP, OS, etc) Dot not nu LMMCS_T be son LMRC-222x; Nultiple cocupancy zones in a room are possible, but makes setup more challenging. LMM LMN ETWORKING (via MS/TP or "Segment Wire") Occup: Only one Network Bridge per room. LMCPs and LMZCs TmA L LMN ETWORKING (via MS/TP or "Segment runing also that topology to all rooms/pane	MDC-100	-I=Ivory -B=Blac
Lumswitched) circuit Use W5 LMR-txx Cat 5e cables for reliable communication. No more than 4 total 100 series room controllers (RCs) LMRC-10x / LMPE-101 / LMPE-100 on a DLM Cat 5e Room Network (kat IRB "In Room Bus"). Other DLM RCs and LMCPS have smart power supplies, so you can have a DLM max of 64 dads or 48 devices. (IRBs with only 100 series RCs have a max of 24 devices and 8 loads.) Check total mA consumption of DLM devices against total current available from all LMRCs, LMCPs & LMZCs will limit their current or Cat 5e room network to \$ 800mA. Don't overload rooms: DLM allows 150° Cat 5e (free topogy) per intelligent DLM device, to a max of 1,000° per RB. Suggest rooms have > 22 loads (and never more than 4 total 100 series RCs and < 24 DLM devices unless	Dual-Tech upancy Sensor	
USE VMS LMR.J-xc Cat Se cables for reliable communication. No more than 4 total 100 series room controllers (RCs) LMRC-10x / LMPL-101 / LMPB-100 on a DLM Cat Se Room Network (aka IRB "In Room Bus"). Other DLM RCs and LMCPs have smart power supplies, so you can have a DLM Cat Se Room RCS have a max of 24 devices and 8 loads.) Check total max of 800mA. LMRC-10x / LMPL-100 Check total max communication. Check total max of 800mA. LMRCs. LMCPs & LMZCs on the cat se network to a max of 800mA. LMRCs. LMCPs & LMZCs will limit their current on Cat Se room network to \$ 800mA. Com A Don't overload rooms: DLM allows 150° Cat 5e (free topology) per intelligent DLM device, to a max of 1,000' per IRB. Suggest rooms have <32 loads (and never more than 4 total 100 series RCs and <24 DLM devices unless reviewed by Project Management.		[
LLMC-10x / LMPE-101 / LMPE-100 on a DLM Cat 5e Room Network (aka IRB "In Room Bus"). Other DLM RCs and LMCPs have smart power supplies, so you can have a DLM max of 64 loads or 48 devices. (IRBs with only 100 series RCs have a max of 24 devices and 8 loads.) Check total max consumption of DLM devices against total current available from all LMRCs, LMCPs & LMZCs on the Cat 5e network to a max of 800mA, LMRC-10x / LMPL-100 / LMPB-100 will not limit their 150mA current which is why their 4 unit max. Other LMRCs, LMCPs & LMZCs on the cat senetwork to a max of 1,000° per IRB. Suggest norms have < 32 loads (and never more than 4 total 100 series RCs and < 24 DLM devices unless reviewed by Project Management. 2 & 3 Relay Room Controllers are for multi-level lighting or multiple zones inside a room, not multiple rooms. Rooms ideally should have only one "occupancy state". Multiple occupancy zones in a room are possible, but makes setup more challengting. LMLS units require another DLM device (LMCP, OS, etc) to set initial On state, else set Load to "Auto On" in LMCS. Pay attention to all LMRC-222 warnings: 1) Don't share neutralis: 2) Don't mix dimming loads types on LMRC-222s; 3) Every dimming load types on LMRC-225; 4 = Higf .5 = Hi Don true LMSTP to mint than 4 Rooms .250 DLM devices. Integration onter than via Export Table is Advanced. Advanced requires WS PM reviewil LMLCP-24 panel = 1 rooms /	LMDC-100	LMSV
Network (aka IRB 'In Room Bus''). Other DLM RCs and LMCPs have smart power supplies, so you can have a DLM max of 64 loads or 48 devices. (IRBs with only 100 series RCs have a max of 24 devices and 8 loads.) Check total mA consumption of DLM devices against total current available from all LMRCs, LMCPs & LMZCs on the Cat 5e network to a max of 800mA. LMRC-100 / LMPE-100 / LMPE-100 will not limit their 150mA current which is why their 4 unit max. Other LMRCs, LMCPs & LMZCs will limit their current on Cat 5e room network to \$ 800mA. Don't overload rooms: DLM allows 150' Cat 5e (free topology) per intelligent DLM devices (and never more than 4 total 100 series RCs and < 24 DLM devices unless reviewed by Project Management. 2 & 3 Relay Room Controllers are for <u>multi-level lighting</u> or <u>multiple zones</u> inside a room, not multiple rooms. Rooms ideally should have only one 'occupancy state'. Multiple occupancy zones in a room are possible, but makes setup more challenging. LMLS units require another DLM device (LMCP, OS, etc) to set initial On state, else set Load to 'Auto On' in LMCS. Pay attention to all LMRC-22x warnings: 1) Don't share neutrals; 2) Don't mix dimming loads types on LMRC-222s; 3) Every dimming load type should be on separate circuits. IM NETWORKING (via MS/TP or "Segment Wire") ONLY USE WS LM-MSTP CABLE for DLM Networking. Only one Network Bridge per room. LMCPs and ONLY ground shield there, MS/TP wire cannot exceed 4,000' and must be run in daisy chain topology to all rooms/panels. Pay close attention on how LM-MSTP connects to DLM networking devices and where terminating resistors are required (see device installation instructions and TB-179.2). WS Networks are defined and limited as follows: <u>BASIC</u> : LMSM-3E with up to 3 LM-MSTP segment runs. Each segment limited to max 40 Rooms / 250 DLM devices). Integration othy ia MSM Export Table. ADVANCED: LMSM-3E with up to 3 LM-MSTP segment runs. Each segment limited to max 40 Rooms / 250 DLM devices). Integration other than via Export Table. RACMACRE		
max of 64 loads or 48 devices. (IRBs with only 100 series 20mA RCs have a max of 24 devices and 8 loads.) LM Check total mA consumption of DLM devices against total LM Current available from all LMRCs, LMCPs & LMZCs on the UI Cat 5e network to a max of 800mA. LMRCs10x / LMPL-100 UI Don't overload rooms: DLM allows 150° Cat 5e (free 00000 pology per intelligent DLM devices unless 20mA reviewed by Project Management. 20mA 2 & 3 Relay Room Controllers are for multi-level lighting or 20mA multiple zones inside a room, not multiple rooms. LM Rooms ideally should have only one "occupancy state". 0ccup: Multiple occupancy zones in a room are possible, but 0ccup. makes setup more challenging. TMA LM NETWORKING (via MS/TP or "Segment Wire") 0ccup. ONLY USE WS LM-MSTP to multiple foors (except for LMCP 7mA L Must be vice on their LMP intelligence card. 00 On or uru LM-MSTP to multiple foors (except for LMCP MLM Pay close attention on how LM-MSTP connects to DLM MLM Pay close attention on how LM-MSTP connects to DLM MLM Pay close detice installation instructions and TB-179.2). </td <td></td> <td></td>		
RCS have a max of 24 devices and 8 loads.) Check total mA consumption of DLM devices against total current available from all LMRCs, LMCPs & LMZCs on the Cat 5e network to a max of 800mA. LMRC-10x / LMPL-100 / LMPB-100 will not limit their 150mA current which is swhy their 4 unit max. Other LMRCs, LMCPs & LMZCs will limit their current on Cat 5e room network to 5 800mA. Don't overload rooms: DLM allows 150° Cat 5e (free topology) per intelligent DLM device, to a max of 1.000° per RB. Suggest rooms have < 32 loads (and never more than 4 total 100 series RCs and < 24 DLM devices unless reviewed by Project Management.	A Low Voltage	1-Button
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3) Every dimming load type should be on separate circuits. IM NETWORKING (via MS/TP or "Segment Wire") <u>ONLY USE WS LM-MSTP CABLE</u> for DLM Networking. Only one Network Bridge per room. LMCPs and LMZCs have this device on their LMPI intelligence card. Do not run LM-MSTP to multiple floors (except for LMCP panel only runs). Locate LMSM-3E or a NB-ROUTER at start of all LM-MSTP runs on a network project, and ONLY ground shield there. MS/TP wire cannot exceed 4,000° and must be run in daisy chain topology to all rooms/panels. Pay close attention on how LM-MSTP connects to DLM networking devices and where terminating resistors are required (see device installation instructions and TB-179.2). WS Networks are defined and limited as follows: <u>BASIC</u> : LMSM-3E with up to 3 LM-MSTP segment runs. Each segment limited to max 40 Rooms / 250 DLM devices. Integration only via LMSM Export Table. <u>ADVANCED</u> : LMSM-6E with NB-ROUTERs and an NB-SWITCH (can connect to max 250 Rooms / 1000 DLM devices). Integration other than via Export Table is Advanced. <u>Advanced requires WS PM review!</u> LM LMCP RELAY PANEL Panels are basically large RCs, but DO NOT connect multiple panel and in RCs stays max 64. Panels use below equivalency table when connecting to a LMSM (to calculate allowed segment room/device limits): LMZC-301 panel = 1 rooms / 10 devices LMCP-8 panel = 3 rooms / 20 devices LMCP-48 panel = 3 rooms / 20 devices LMCP-48 panel = 7 rooms / 40 devices (1) LMRV-102 (W/2 LED Lights) (1) LMRV-102. (1) LMPC-100 Multiple sainstalled i	(· 😋 ·))	
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ground shield there. MS/TP wire cannot exceed 4,000' and must be run in daisy chain topology to all rooms/panels. Pay close attention on how LM-MSTP connects to DLM networking devices and where terminating resistors are required (see device installation instructions and TB-179.2). WS Networks are defined and limited as follows: <u>BASIC</u> : LMSM-3E with up to 3 LM-MSTP segment runs. Each segment limited to max 40 Rooms / 250 DLM devices. Integration only via LMSM Export Table. <u>ADVANCED</u> : LMSM-6E with NB-ROUTERs and an NB-SWITCH (can connect to max 250 Rooms / 1000 DLM devices). Integration other than via Export Table is Advanced. <u>Advanced requires WS PM review!</u> LM LMCP RELAY PANEL Panels are basically large RCs, but DO NOT connect multiple panels with Cat 5e wire - use Network Bridges. Each LMCP Panel provides 2 separate Cat 5e IRB networks, each allowing max 47 DLM devices. Max loads for all relays in panel and in RCs stays max 64. Panels use below equivalency table when connecting to a LMSM (to calculate allowed segment room/device limits): LMZC-301 panel = 1 rooms / 10 devices LMCP-8 panel = 3 rooms / 20 devices LMCP-48 panel = 7 rooms / 40 devices <u>DLM On/Off Demonstration Kit</u> LMKT-DEMO Prewired DLM kit includes: (1) LMRC-102 (w/2 LED Lights) (1) LMRC-102 (w/2 LED Lights) (1) LMRC-102 (w/2 LED Lights) (1) LMRC-102 (w/2 LED Lights) (1) LMPC-100		-
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(1) LMSW-102-W (1) LMPC-100 Multiple s installed i		
	e sensors can be	
	d in a DLM Room with each assigned	
(1) LMCT-100 control of a	of all or a group of	1-Button OS
Demo kit is great training aid. Suggest one on larger projects.	within the room.	81
sed: August 29, 2023. Support available at 800 879-8585 @wattstopper.com or charles.knuffke@legrand.us	Vattstop	nor

CONTROLS	DAYLIGHTING	INTERF	ACES	NETWORKING
y suffix: -W=White,	Room Photosensors	LMRL-100	LMDI-100	LMBC-300
-LA=Light Almond,	LMLS-400(-L)	Isolated Relay	RS-232 Interface	Network Bridge Connector
, -G=Gray, -R=Red	Daylighting Sensor	ISOLATED RELAY OUTPUT LMRL-100	RS-232 INTERFACE LMDI-100	NETWORK BRIDGE LMBC-300
//SW-10x	Closed Loop			
Vall Switch	1 Zone, 1 - 6,553 FC			
LMSW-102	LMLS-400-L Photosensor	N C C C C C C C C C C C C C C C C C C C	12 2 4 5 6 7 8 5 %	
		To Third Party Device		30mA Low Voltage
	7mA Low Voltage	7mA Low Voltage	20mA Low Voltage	Provides BACnet connection
	-	Provides occupancy contact for	Allows bi-directional RS-232	(via LM-MSTP wire) to DLM
vitch 2-Button Switch	LMLS-500(-L)	fans, HVAC or Alarms (doesn't count as intelligent DLM device)	from other products to send commands and/or request	Cat 5e Room Network
3 LMSW-104	Daylighting Sensor	24V 1A SPDT Relay	status from DLM room devices.	LMSM-3E
	Open Loop 3 Zone, 1 - 6,553 FC	1 NO/NC output terminal		Segment Manager 3-Port
	LMLS-500-L Photosensor	LMIO-101	LMIO-201	
		Input/Output Interface	Analog Sensor Interface	D 115V Oufet
vitch 4-Button Switch		INPUT/OUTPUT INTERFACE	ANALOG SENSOR INTERFACE	LMSM-3E
LMSW-108	7mA Low Voltage			
	LMLS-600		1 2 3 4 5 6 7 8 9 10 0 0 0 0 0 0 0 0 0 0 0	Transformer Supplied with LMSM-SE
	Daylighting Sensor Dual Loop	20mA Low Voltage	20mA Low Voltage	Monitor, Control & Program 3
8-Button Switch	1 Zone, 1 - 6,553 FC		-	MS/TP Segments, each of max
A Low Voltage	LMLS-600	Allows contact closures to control loads in a DLM room.	Allows a WattStopper Low Voltage occupancy sensor	40 DLM Rooms / 250 devices via Web Browser. Standard and
		Output signals room occupancy.	to be used as an input to a	Astronomic Schedules
MDM-101	7mA Low Voltage	2 dry contact inputs	DLM system. Requires use	
	C C	1 NO/NC output terminal	of a BZ powerpack.	LMSM-6E
	LMLS-400/500 fits ceiling			Segment Manager for use with NB-ROUTERS
	tiles 0" - $\frac{5}{8}$ ", -L fits $\frac{5}{8}$ " - 1 $\frac{1}{4}$ ". LMLS-600 ships with it's	LMOR-102 LV Dual Relay Interface	LMIN-104 LV Input Interface	
	own mounting arm.			
	Zones can be Switching,			
A Low Voltage	Bi-Level, Tri-Level or Dimmed (requires dimming			
	LMRC controller).			Transformer Supplied with LMS-MAE
/ISW-105		To Third Party Inputs		Monitor, Control & Program
	Network Photocells	20mA Low Voltage	20mA Low Voltage	multiple Segments connected to
	and Interface	Two isolated low voltage mech.	LMIN-104 allows up to 4 dry	NB-ROUTERs (and 1 MS/TP Segment), for a total of max 200
	Requires LMSM to program	held relays that can be bound	contact closures to control	DLM Rooms / 1100 devices via
	unless landed in a LMCP.	to DLM devices.	loads/scenes/groups in a	Web Browser. Standard and
	One LMIO-301 per LMPO or LMPS head.	Max 1A @ 24V, 2 SPDT Relays with NO/NC output terminals	DLM room.	Astronomic Schedules
A Low Voltage	LMIO-301			
	Digital Photocell Interface		/ LMPS-104	NB-ROUTER MS/TP to Ethernet Interface
	DIGITAL PHOTOCELL		nterface and n Switch	
all Switch		PARTITION INTERFACE	Partition Switch LMPS-104	Pour Pour Illigner
ancy Sensors				
/IDW-10x				"5"
witch Dual-Tech	20mA Low Voltage	1234147800 000000000		
ipancy Sensor	Ū	20mA Low Voltage	5mA Low Voltage	NB-ROUTER
LMPW-101	LMPO-200	LMIO-102 Partition Interface		Provides routing of BACnet messages from a MS/TP
	Exterior Photocell 0-200 FC	change 16 profiles in a DLM roo LMPS-104 switch allows 16		segment to IP infrastructure.
	0 200 1 0		promes to be set manually.	
	LMPO-200 Outdoor Photocell			NB-SWITCH(, -8, -16)
itch 2-Button OS Switch	(0-200 fc)	LMSW-105-CCT / I		Ethernet Switches
A Low Voltage		Tunable White Preset Sv	witch and Timeclock White, -I=Ivory, -LA=Light	6999
/IPW-10x	Mount Photocell facing north sky	-	, -G=Gray, -R=Red	
II Switch PIR		LMSW	LMTS	이 아이
ipancy Sensor	LMPS-6000	-105-CCT	-101-CCT	1년 1년 1년 1년 2년 3년 14 9년 110 3년 5년 16 11년 112 4년 7년 18 13년 114
LMPW-101	Skylight Photocell		Regrand	3년리 5년 탄76 11년 탄71 4년리 7년 탄78 13년 탄74 2년리 16년 탄76
	0-6000 FC			s 伝通 1 ft 直 巨和6 NB-SWITCH NB-SWITCH-8 NB-SWITCH-16
	LMPS-6000			Network Switch provides
	Skylight Photocell (24-6000 fc)	5mA Low Voltage	15mA Low Voltage	ports to connect IP devices.
itch 2-Button OS Switch			fixtures with Blanco/Araya Logic	Standard = 5 ports -8 = 8 ports
A Low Voltage		Module and -DLM Control Card.	See Blanco/Araya info on page 2.	-16 = 16 ports
		1		

igital Lighting Management (DLM) Typical Wiring Details



Plan Approval No. MAC-CM 10045

Approval Date: 9/3/2023 Expiration Date: 11/30/2024

GENERAL NOTES	GENERAL NOTES (CONTINUATION)	PLUM	BING LEGEND
1. ALL WORK AND MATERIAL SHALL BE IN COMPLIANCE WITH AND PERFORMED AND INSTALLED IN COMFORMANCE	30. ALL PIPES, FITTINGS AND FIXTURES USED TO CONVEY POTABLE WATER SHALL BE LEAD FREE IN COMPLIANCE		
WITH THE FOLLOWING CODES AS ADOPTED AND AMENDED BY THE INSPECTING AUTHORITY. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHERS APPLICABLE	WITH CALIFORNIA AB 1953. 31. ALL INSULATING MATERIALS INSTALLED MUST BE CERTIFIED BY CALIFORNIA ENERGY COMMISSION TO MEET C.E.C.	SYMBOL ABBREVIATION POC/POD	
TO THIS PROJECT: BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. 2022 CALIFORNIA	ENERGY EFFICIENCY STANDARDS (E.E.S.) SECTION 120.3 AND SECTION 1201.3.2.1.1 OF CMC (CALIFORNIA EDITION). 32. ALL INSULATION INSTALLED SHALL MEET THE FLAME SPREAD AND SMOKE DENSITY REQUIREMENTS OF SECTION	W W	POINT OF CONNECTION / POINT OF DISCONNECTION SANITARY OR WASTE PIPING
MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE	719 OF THE 2022 CBC.	VT	SANITARY VENT PIPING
24 C.C.R., 2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. 2022 TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS 2013 NFPA 13 - AUTOMATIC SPRINKLER SYSTEMS	33. CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).	CW	DOMESTIC COLD WATER PIPING DOMESTIC HOT WATER
2. THE ARCHITECTURAL DESIGN DRAWINGS SHALL INDICATE ALL ACCESSIBLE FIXTURE LOCATIONS AND MOUNTING HEIGHTS. FURNISH ALL EXPOSED HOT WATER AND DRAIN PIPING BELOW ACCESSIBLE LAVATORIES AND SINKS	34. ALL HEATERS FOR DOMESTIC HOT WATER MUST BE CERTIFIED BY THE MANUFACTURER TO MEET THE SPECIFICATIONS OR EFFICIENCIES AS ADOPTED BY THE CEC. IN ACCORDANCE WITH SECTION 110.1 OF THE CCR	HWR	DOMESTIC HOT WATER RETURN
WITH INSULATION. ALL WATER CLOSET FLUSHING LEVERS SHALL BE TO THE WIDE SIDE OF THE STALL.	AND ENERGY EFFICIENCY STANDARDS RESIDENTIAL NON-RESIDENTIAL 35. A WATER HEATER PRESSURE AND TEMPERATURE RELIEF DRAIN THAT TERMINATES OUTSIDE THE BUILDING SHALL	G G	NATURAL GAS PIPING - 8" WATER COLUMN
3. TRAPS FOR ALL LAVATORIES AND SINKS SHALL TRAP STRAIGHT BACK TO WALL WITH ALL REQUIRED OFFSETS HAPPENING WITHIN THE WALL.	COMPLY WITH SECTION 608.5 OF CPC. 36 WATER HEATER SHALL BE ANCHORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENT DUE TO		CONDENSATE DRAIN PIPING PIPE DOWN
4. ALL PLUMBING WORK SHALL BE INSTALLED TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING.	EARTHQUAKE MOTION PER SECTION 507.2 CPC.		PIPE UP
5. ALL CLEANOUTS SHALL BE INSTALLED WHERE EASILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL	37. WATER HEATER SHALL COMPLY WITH SECTION 608.3 OF CPC, FOR THERMAL EXPANSION REQUIREMENTS.		
CLEANOUT LOCATIONS WITH ALL EQUIPMENT, CABINETS AND OTHER OBSTRUCTION PRIOR TO ANY INSTALLATION. CLEANOUTS MUST BE EXTENDED TO FLUSH WITH FINISHED WALL.	 38. KITCHEN FAUCETS AND WASH FOUNTAINS SHALL BE 1.8 GPM MAXIMUM. 39. DISHWASHERS AND WASHING MACHINES SHALL MEET US EPA WATER SENSE LABELING REQUIREMENT. 		PIPE BRANCH - BOTTOM CONNECTION PIPE BRANCH - SIDE CONNECTION
6. ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKES.	40. ROUTING AND TERMINATION OF FLUE AND COMBUSTION AIR INTAKE FOR WATER HEATER SHALL COMPLY WITH		PIPE CAP
7. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON PLANS.	CHAPTER 5, CPC 2022 WITH MANUFACTURER'S SPECIFICATIONS. 41 A SLOPE OF NOT LESS THAN 1/8 INCH PER FOOT OR 1.0 % IS PROVIDED FOR DRAINAGE PIPING 4 INCHES OR		DIRECTION OF FLOW PIPE SLOPE & DIRECTION OF FALL
8. UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH VALVE AND PRIOR TO ALL EQUIPMENT CONNECTIONS.	LARGER ONLY WHERE IT IS IMPRACTICAL DUE TO DEPTH OF THE STREET SEWER, TO THE STRUCTURAL FEATURES, OR TO THE ARRANGEMENT OF A BUILDING OR STRUCTURE TO OBTAIN A SLOPE OF 1/4 INCH PER FOOT	<u> </u>	THERMOMETER
9. THE ARCHITECTURAL DESIGN DRAWINGS SHALL INDICATE THE EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES.	OR 2 % AND THAT IS SUBJECT TO THE CITY OF DALY CITY PLUMBING FIELD INSPECTORS APPROVAL. 42. FLOOR DRAINS OR SIMILAR TRAPS DIRECTLY CONNECTED TO THE DRAINAGE SYSTEM AND SUBJECT TO	AHW P	WATER HAMMER ARRESTOR
10. BEFORE FABRICATION OR INSTALLATION THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT AND EQUIPMENT PROVIDED UNDER OTHER SECTIONS OF SPECIFICATIONS. ROUGH-IN	INFREQUENT USE SHALL BE PROVIDED WITH AN AUTOMATIC MEANS OF MAINTAINING THEIR WATER SEALS		PIPE BREAK WALL CLEANOUT
LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED IN THE FIELD. 11. ALL SEWER AND VENT PIPING LESS THAN 4" SHALL SLOPE AT 2%. 4" AND LARGER SHALL SLOPE AT 1%.	43. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL COMPLY WITH SECTIONS 701.0 AND 903.0 OF THE CALIFORNIA PLUMBING CODE.		PIPE CONTINUATION
12. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTERS OR OTHER EQUIPMENT LOCATED IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL, ALL PIPING & DEVICES SHALL BE	44. ALL SANITARY SYSTEM MATERIALS SHALL BE LISTED BY AN APPROVED LISTING AGENCY.	FCO/COTG	FLOOR CLEANOUT OR CLEANOUT TO GRADE
INON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL. ALL PIPING & DEVICES SHALL BE INSTALLED ABOVE CEILING, WITHIN WALLS, BELOW FLOORS, OR OTHERWISE CONCEALED. EXCEPT PIPING AND DEVICES INSTALLED IN MECHANICAL ROOMS AND OTHER UNFINISHED SPACES.	45. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER	FD FS FS	FLOOR DRAIN FLOOR SINK
13. ALL PLUMBING FIXTURES AND EQUIPMENT SHALL BE CERTIFIED BY THE CALIFORNIA STATE ENERGY COMMISSION	VENT. CPC 905.3 46 PLUMBING FIXTURES AND FITTINGS SHALL COMPLY WITH ALL THE REQUIREMENTS IN SECTION 4.303 IN THE	SOV	SHUT OFF VALVE
TO COMPLY WITH EFFICIENCY STANDARDS PER SECTION 110 OF THE TITLE-24 REGULATIONS. 14. ALL HOT WATER SUPPLY & RETURN PIPING SHALL BE INSULATED. INSULATION SHALL HAVE A FLAME SPREAD OF	46. PLUMBING FIXTURES AND FITTINGS SHALL COMPLY WITH ALL THE REQUIREMENTS IN SECTION 4.303 IN THE CALIFORNIA GREEN BUILDING CODE.	GPR	GAS PRESSURE REGULATOR
NOT MORE THAN 25 AND A SMOKE DENSITY NOT EXCEEDING 50 PER CMC SEC. 12.1.2.1.8 SEE SPECIFICATION FOR OTHER REQUIREMENTS.	47. PIPE INSULATION: INSULATION OF DOMESTIC HOT WATER PIPING SHALL BE IN ACCORDANCE WITH SECTION 609.11.1 AND SECTION 609.2 CPC 2022.	<u>−−-+</u> ↓ 	PLUG VALVE / GAS COCK PRESSURE GUAGE
15. PIPING THROUGH FIRE RATED WALLS SHALL BE PROTECTED PER U.L. FIRE RESISTANCE SYSTEM NO. WL1001. THE ARCHITECTURAL DESIGN DRAWINGS SHALL INDICATE ALL RATED WALL LOCATIONS.	609.11.1 INSULATION REQUIREMENTS. DOMESTIC WATER PIPING SHALL BE INSULATED 609.12.1 PIPE INSULATION WALL THICKNESS. HOT WATER PIPING INSULATION SHALL HAVE A MINIMUM WALL THICKNESS OF NOT LESS THAN	AFF	ABOVE FINISHED FLOOR
16. SEISMIC BRACING AND ANCHORAGE REQUIREMENTS ARE AS FOLLOWS:	THE DIAMETER OF THE PIPE FOR A PIPE UP TO 2 INCHES IN DIAMETER. INSULATION WALL THICKNESS SHALL BE NOT LESS THAN 2 INCHES FOR A PIPE OF 2 INCHES OR MORE IN DIAMETER	AFG ARCH	
 A. HE SEISMIC ANCHORAGE FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE DESIGNED TO WITHSTAND A LATERAL FORCE. 1. CALCULATED AS SPECIFIED IN SECTION 1632A AND TABLE 16A-0 OF THE VOL. 2, TITLE 24, 2022 CBC. 	48. EACH FIXTURE TRAP SHALL HAVE A PROTECTIVE VENT SO LOCATED THAT DEVELOPED LENGTH OF T HE TRAP WEIR TO THE INNER EDGE OF THE VENT SHALL BE WITHIN THE DISTANCE GIVEN IN TABLE 1002.2 CPC BUT IN NO	B/C	ARCHITECT OR ARCHITECTURAL BELOW COUNTER
 CALCULATED AS SPECIFIED IN SECTION 1632A AND TABLE 16A-0 OF THE VOL. 2, TITLE 24, 2022 CBC. A LATERAL FORCE: B. THE ATTACHMENT OF THE FOLLOWING ITEMS SHALL BE DESIGNED TO RESIST THE FORCES PRESCRIBED IN 	CASE LESS THAN TWO TIMES IN THE DIAMETER OF THE TRAP ARM 49. INSTALLATION OF SOIL OR DRAIN PIPES IN FOOD HANDLING ESTABLISHMENTS WILL COMPLY WITH SECTION 317.0	B/G	BELOW GRADE
PART 2, TITLE 24, 2022 CBC: 1. EQUIPMENT WEIGHING LESS THAN 400 LBS. SUPPORTED DIRECTLY ON FLOOR OR ROOF.	CPC	B/S C.I.	BELOW SLAB CAST IRON
 FURNITURE REQUIRED TO BE ATTACHED IN ACCORDANCE WITH PART 2, TITLE 24, C.C.R TEMPORARY OR MOBILE EQUIPMENT. 	50. EACH SELF CLOSING LAVATORY FAUCET SHALL NOT EXCEED A WATER FLOW OF 0.20 GALLONS PER CYCLE.	DF	DRINKING FOUNTAIN
 EQUIPMENT WEIGHING LESS THAN 20 LBS. SUPPORTED BY VIBRATION ISOLATORS. EQUIPMENT WEIGHING LESS THAN 20 LBS. SUSPENDED FROM A ROOF OR HUNG FROM A WALL. 	51. WATER SUPPLY AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE BE CONFIGURED TO PROTECT AGAINST CONTACT. PROTECTORS, INSULATORS, OR BOTH SHALL	DWG/DWGS	DRAWING/DRAWINGS
17. THE PLUMBING CONTRACTOR SHALL PROVIDE THE WATER & SEWER SYSTEMS TO A POINT OF CONNECTION 5'-0" OUTSIDE OF THE BUILDING. PIPING BEYOND THIS POINT IS SPECIFIED UNDER ANOTHER SECTION OF THE	COMPLY WITH ASME A112.18.9 OR ASTM C1822. [HCD 1-AC] SPECIFIC REQUIREMENTS REGARDING ACCOMMODATIONS FOR PERSONS WITH DISABILITIES ARE CONTAINED IN CHAPTER 11A OF THE CALIFORNIA	DN EA	DOWN
SPECIFICATIONS AND SHALL BE AS SHOWN ON THE CIVIL DRAWINGS. FINAL CONNECTIONS TO SITE PIPING SHALL BE BY THE PLUMBING CONTRACTOR.	BUILDING CODE. 52 INDIRECT WASTE PIPING FROM FOOD HANDLING FIXTURES OR EQUIPMENT SHALL BE SEPARATELY PIPED BY	ELEV	ELEVATION
18. WATER HAMMER ARRESTERS SHALL BE PROVIDED WHERE REQUIRED AND NECESSARY FOR AND TO ALL FIXTURES, EQUIPMENT OR APPLIANCES WITH QUICK CLOSING VALVE AND SHALL BE OF TYPE SPECIFIED.	MEANS OF AN AIRGAP TO THE INDIRECT WASTE RECEPTOR AND SHALL NOT BE COMBINE WITH ANY OTHER WASTE PIPING, CPC 801.3	°F	DEGREES FAHRENHEIT
19. ALL PIPE SIZES SHALL BE THE SAME AS THE UPSTREAM PIPE SIZES UNLESS OTHERWISE INDICATED ON PLAN.	53. NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE WHERE REQUIRED BY THE AUTHORITY HAVING JURISDICTION. [OSHPD 1, 1R, 2, 3, 4 & 5] PRIOR TO UTILIZATION OF NEWLY CONSTRUCTED OR	FFE	FINISHED FLOOR ELEVATION FUME HOOD
20. CLEAN OUT SHALL BE PROVIDED AS PER CALIFORNIA PLUMBING CODE SECTION 707.	ALTERED POTABLE WATER PIPING SYSTEMS, ALL AFFECTED POTABLE WATER PIPING SHALL BE DISINFECTED USING PROCEDURES PRESCRIBED IN CALIFORNIA PLUMBING CODE SECTIONS 609.9(1) THROUGH 609.9(4). THE	FT	FEET
21. NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER.	METHOD TO BE FOLLOWED SHALL BE THAT PRESCRIBED BY THE HEALTH AUTHORITY OR, IN CASE NO METHOD IS PRESCRIBED BY IT, THE FOLLOWING:	FT HD GPF	FEET OF HEAD
22. THESE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ARE NOT INTENDED TO INDICATE ALL DETAILS AND NECESSARY OFFSETS OF PIPING. THE CONTRACTOR SHALL INSTALL MATERIAL AND EQUIPMENT IN A MANNER AS	(1) THE PIPE SYSTEM SHALL BE FLUSHED WITH CLEAN, POTABLE WATER UNTIL POTABLE WATER APPEARS AT THE POINTS OF THE OUTLET.	GPM	GALLONS PER FLUSH GALLONS PER MINUTE
TO CONFORM TO STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, AND KEEP OPENINGS AND PASSAGEWAYS CLEAR. ALL INSTALLATIONS SHALL BE CONSISTENT WITH NORMALLY ACCEPTABLE. INDUSTRY	(2) THE SYSTEM OR PARTS THEREOF SHALL BE FILLED WITH A WATER-CHLORINE SOLUTION CONTAINING NOT LESS THAN 50 PARTS PER MILLION OF CHLORINE, AND THE SYSTEM OR PART THEREOF SHALL BE VALVED-OFF	GA	GAUGE
STANDARDS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS THAT WOULD EFFECT THE SYSTEM PERFORMANCE OR INCUR ADDITIONAL COSTS. THIS	AND ALLOWED TO STAND FOR 24 HOURS; OR, THE SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER-CHLORINE SOLUTION CONTAINING NOT LESS THAN 200 PARTS PER MILLION OF CHLORINE AND ALLOWED TO STAND FOR 2 HOURS	GALV	GALVANIZED GREASE INTERCEPTOR
NOTIFICATION SHALL BE SUBMITTED PRIOR TO INSTALLATION OF THE ITEMS CONCERNED. 23. EACH PLUMBING FIXTURES THAT CONNECT TO THE SANITARY SEWER SYSTEM SHALL BE PROPERLY TRAPPED	TO STAND FOR 3 HOURS. (3) FOLLOWING THE ALLOWED STANDING TIME, THE SYSTEM SHALL BE FLUSHED WITH CLEAN, POTABLE WATER UNTIL THE CHLORINE RESIDUAL IN THE WATER COMING FROM THE SYSTEM DOES NOT EXCEED THE CHLORINE	НВ	(+18")
 23. EASTH EXAMPLES THAT CONTRECT TO THE CANTACT SEWERCOTOTEM SHALL BE TROPERED THAT ED AND VENTED IN ACCORDANCE WITH THE 2019 CALIFORNIA PLUMBING CODE. 24. PROVIDE COMPLETE CONDENSATE DRAIN PIPING FOR ALL AC UNITS AND DISCHARGE CONDENSATE TO AN 	RESIDUAL IN THE FLUSHING WATER. (4) THE PROCEDURE SHALL BE REPEATED WHERE IT IS SHOWN BY A BACTERIOLOGICAL EXAMINATION MADE BY	HD	HEAD
APPROVED RECEPTOR.	AN APPROVED AGENCY THAT CONTAMINATION PERSISTS IN THE SYSTEM. 54. 407.3 LIMITATION OF HOT WATER TEMPERATURE FOR PUBLIC LAVATORIES	IPS I.E.	IRON PIPE SIZE INVERT ELEVATION
25. ALL LAYOUTS, PIPE SIZES, FIXTURE & EQUIPMENT SELECTIONS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL PROVIDE A COMPLETE PLUMBING SYSTEM. THE DESIGN, CALCULATIONS, FIXTURE, TRIM, EQUIPMENT AND MATERIALS SELECTIONS & DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND	54. 407.3 LIMITATION OF HOT WATER TEMPERATURE FOR PUBLIC LAVATORIES HOT WATER DELIVERED FROM PUBLIC-USE LAVATORIES SHALL BE LIMITED TO A MAXIMUM TEMPERATURE OF	MAX	MAXIMUM
APPROVAL AS SPECIFIED.	120°F (49°C) BY A DEVICE THAT COMPLIES WITH ASSE 1070/ASME A112.1070/CSA B125.70. THE WATER HEATER THERMOSTAT SHALL NOT BE CONSIDERED A CONTROL FOR MEETING THIS PROVISION.	MECH	MECHANICAL
26. INSULATION THICKNESS AND R-VALUES SHALL EXCEED THE REQUIREMENTS OF TITLE 24 BY AT LEAST 20 PERCENT OR NEXT LARGER STANDARD SIZE, WHICH EVER IS GREATER. PIPE INSULATION SHALL BE NOT LESS THAN 1.0		MIN MS	MINIMUM MOP SINK / SERVICE SINK
INCH THICK, NOT INCLUDING THE MOISTURE BARRIER OR EXTERIOR JACKET THICKNESS. 27. CONTRACTOR SHALL CAREFULLY REVIEW THESE PLANS AND SPECIFICATIONS PRIOR TO BID. CONTRACTOR		MTD	MOUNTED
SHALL ALSO REVIEW PLANS AND SPECIFICATIONS OF OTHER RELATED TRADES (INCLUDING MECHANICAL, CIVIL, STRUCTURAL, AND ELECTRICAL) PRIOR TO BID TO INSURE AN ACCURATE UNDERSTANDING OF EXACT SCOPE OF		NTS	NOT TO SCALE
WORK. ANY ITEMS REQUIRING DESCRIPTION CLARIFICATION SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN SUFFICIENT TIME TO BE INCORPORATED INTO THE BID.		OPER PD	OPERATING PRESSURE DROP
28. ALL PLUMBING SYSTEM COMPONENTS SHALL MEET OR EXCEED THE REQUIREMENTS OF C.B.C. (CALIFORNIA EDITION), CMC, CPC, NEC, NFPA, ASTM, ANSI, AND ALL LOCAL AND STATE CODE REQUIREMENTS.		PSI	POUNDS PER SQUARE INCH
29. ALL PLUMBING EQUIPMENT LISTED IN (CCR) SECTION 113 OF THE 2022 CALIFORNIA CODE OF REGULATIONS,		P&TRV QTY	PRESSURE AND TEMPERATURE RELIEF VALVE
TITLE-24, PART 1, ENERGY EFFICIENCY STANDARDS MUST BE CERTIFIED BY THE MANUFACTURER TO MEET OR EXCEED SPECIFICATIONS OR EFFICIENCIES ADOPTED BY THE CEC.		SPEC	SPECIFICATION
	Approved For State of California	SOV	SHUT OFF VALVE
	Commercial Modular	TYP VTR	TYPICAL VENT THRU ROOF
	By MA Consulting & Engineering MACE, LLC.	W.C.	WATER COLUMN
	Third Party Design Approval Agency (DAA)		
	Certificate Number: DM1570821	EQUIPMENT IDENTIFICATION SYMBO	EQUIPMENT TYPE
	These plans have been approved pursuant to the		EQUIPMENT IDENTIFIER
	provisions of The State of California Health and Safety Code, Division 13, Part 2 and California Code of		

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Regulations, Title 25, Chapter 3, Subchapter 2 Plan Approval No. MAC-CM 10045

Approval Date: 9/3/2023 Expiration Date: 11/30/2024



PROJECT 2023-003-00	SHEET NUMBER
SCALE 1/2" = 1'-0 "	
DRAWN BY	P0.1
DATE	
06-19-2023 SIZE: 36"x24"	©JUSTUS STUDIO INC.

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COFFEE SHOP SECTIONS

TITLE

ND, ISSUE

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

CONTAINER

CATERING

20 FOOT

DATE

CONTACT: ADAM JUBELA E: ADAM@FREEFORMDC.COM P: 760-801-2384

FREE FORM DEVELOPMENT, INC. 1148 INDUSTRIAL AVE, ESCONDIDO, CA 92029

COMMERCIAL MODULAR MANUFACTURER:

MECHANICAL: VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

ELECTRICAL: ARB ELECTRIC, INC. 1401 N EL CAMINO REAL #201 SAN CLEMENTE, CA 92672

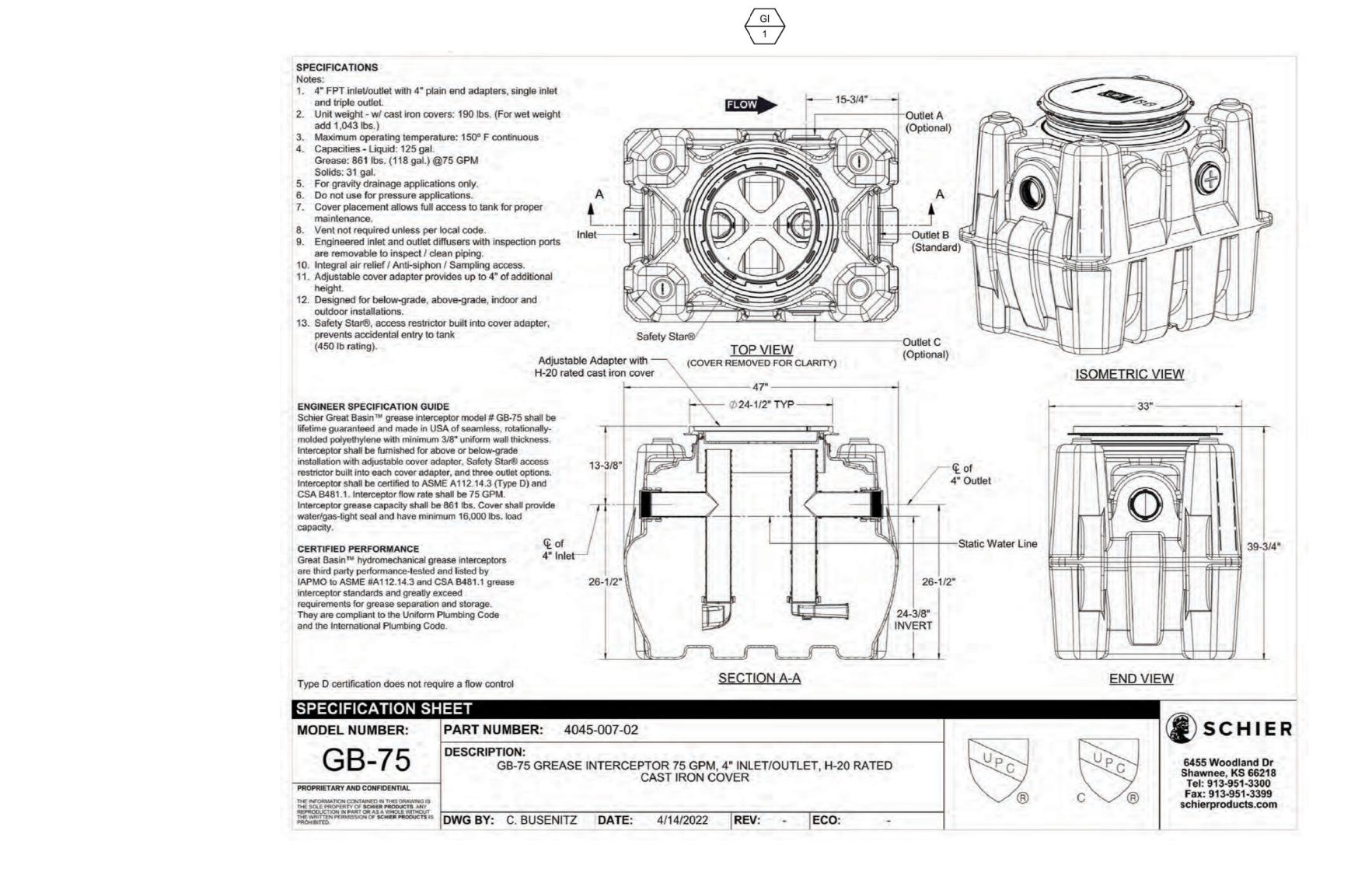
STRUCTURAL: ORION STRUCTURAL GROUP, INC. 223 E. THOUSAND OAKS BLVD., #304 THOUSAND OAKS, CA 91360

ARCHITECT: JUSTUS STUDIO, INC. 4271 KENYON AVENUE LOS ANGELES, CA 90066 CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM P: 949-294-2648

OWNER: HOME FED 1903 WRIGHT PL SUITE 220 CARLSBAD, CA 92008

JUSTUS STUDIO, INC.

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		Pl		/IBII	NG	FIXT	URE SCHEDULE	
ITEM	WASTE	TRAP	VENT	cw	нw	MOUNT	DESCRIPTION	NOTES
3-COMP	INDIRECT			¥2"	1/2"	FLOOR	<u>3 COMPARTMENT SINK:</u> SEE KITCHEN EQUIPMENT SCHEDULE FROM FOOD SERVICE DRAWINGS	REFER TO FOOD SERVICE SET
HS-1	DIRECT			¥2"	1/2"	FLOOR	HAND SINK: SEE KITCHEN EQUIPMENT SCHEDULE FROM FOOD SERVICE DRAWING	REFER TO FOOD SERVICE SET
FD-1	2"	2"	2"			FLOOR	FLOOR DRAIN: "ZURN" Z-415 FLOOR DRAIN. D.C.C.I. BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH TYPE "B" POLISHED NICKLE BRONZE STRAINER. PROVIDE TRAP PRIMER CONNECTION	OWNER TO APPROVE FIXTURES PRIOR TO PURCHASING
FS-1	2"	2"	2"	-	-	FLOOR	FLOOR SINK: "ZURN" 1901-2 HALF GRATE RECEPTOR 12"x12"x8" DEEP CAST IRON BODY AND SQUARE SLOTTED MEDIUM DUTY GRATE WITH ACID RESISTANT PORCELAIN ENAMEL INTERIOR AND TOP. COMPLETE WITH ABS ANTI-SPLASH INTERIOR BOTTOM STRAINER	OWNER TO APPROVE FIXTURES PRIOR TO PURCHASING

COLD WATER PIPE SIZING						HOT W	ATER PIPI	E SIZING	
PIPE DIA.	GPM		FLUSH VALVE FIXTURE UNIT	VELOCITY	PIPE DIA.	GPM		FLUSH VALVE FIXTURE UNIT	VELOCITY
1/2"	3.8	1		5.5	1/2"	3.5	1		5.0
3/4"	11.0	6		7.3	3/4"	7.5	3		5.0
1"	19.6	20	6	8.0	1"	13.4	8		5.0
1-1/4"	29.6	52	13	8.0	1-1/4"	19.6	20	6	5.0
1-1/2"	41.3	91	29	8.0	1-1/2"	27.5	44	10	5.0
2"	71.3	232	114	8.0	2"	46.4	113	41	5.0
2-1/2"	119.6	477	361	8.0	2-1/2"	72.3	237	117	5.0
3"	177.7	801	756	8.0	3"	115.6	456	340	5.0
3-1/2"	205.6	984	981	8.0	3–1/2"	141.2	593	489	5.0
4"	283.0	1625	1625	8.0	4"	186.7	860	828	5.0
5"	427.5	2948	2948	8.0	5"	284.1	1635	1635	5.0
6"	676.3	6436	6436	8.0	6"	437.7	3046	3046	5.0
COLD WATER	VELOCITY	NOT TO EXCE	ED 8 FEET PE	R SECONE	HOT WATER	VELOCITY	NOT TO EXCE	ED 5 FEET PE	R SECOND

	FIXT	URE
ITEM	LOCATION	
TP 1	3-COMP SINK	TRAP PR WITH M1-
GI 1	SEE PLAN	GREASE ALL ACCE

FIXTURE DATA AND WATER CALCULATION							
ITEM	DESCRIPTION	NO. OF FIXT	WFU 'S	DFU 'S	CW	HW	SEWER
HS-1	HAND SINK	1	2.0	2.0	2.0	1.5	2.0
3-COMP	3-COMPARTMENT SINK	1	3.0	3.0	3.0	2.3	3.0
FS-1	FLOOR SINK	1	0	2.0	0	0.0	2.0
FD-1	FLOOR DRAIN	1	0	2.0	0	0.0	2.0
		0	0	0.0		0.0	0.0
	TOTAL WFU'S, DFU'S	0		0	5.0	3.8	9.0
MAIN DOMESTIC WA EDITION CPC 201			ATER FIXTUR TER FIXTURE				

PIPE MATERIAL SCHEDULE
DOMESTIC WATER PIPING ABOVE GRADE TYPE "L" COPPER TUBING, HARD DRAWN CONFORMING TO ASTM B 88, WITH WROUGHT COPPER SOLDER SWEAT FITTINGS CONFORMING TO ASTM B 16.22. PROVIDE LABELING AND INSULATION.
DOMESTIC WATER PIPING UNDERGROUND OR BELOW SLAB: TYPE "K" HARD COPPER TUBING ANNEALED, WITH NO FITTINGS CONFORMING TO ASTM B 88.
WASTE AND VENT PIPING: ABOVE GRADE - PVC SCHEDULE 40 WITH PVC SCHEDULE 40 FITTINGS. BELOW GRADE - PVC SCHEDULE 40 WITH PVC SCHEDULE 40 FITTINGS.
NATURAL GAS PIPING ABOVE GRADE: SCHEDULE 40 BLACK STEEL, CONFORMING TO ASTM A53 WITH 150 PSIG MALLEABLE IRON THREADED FITTINGS CONFORMING TO ANSI/ASME B16.3. PROVIDE LABELING
GAS PIPING EXPOSED TO WHEATHER: SCHEDULE 40 GALVANIZED STEEL, CONFORMING TO ASTM A53 WITH 150 PSIG MALLEABLE IRON THREADED FITTINGS CONFORMING TO ANSI/ASME B16.3. PROVIDE LABELING
GAS PIPING BELOW GRADE: POLYETHYLENE WITH FUSION WELD JOINTS.

By MA Consulting & Engineering MACE, LLC. Third Party Design Approval Agency (DAA) Certificate Number: DM1570821 These plans have been approved pursuant to the provisions of The State of California Health and Safety Code, Division 13, Part 2 and California Code of Regulations, Title 25, Chapter 3, Subchapter 2 Plan Approval No. MAC-CM 10045 Approval Date: 9/3/2023 Expiration Date: 11/30/2024

Flament	ement U. S. Gallons/Hr and Litres/Hr at Temperature Rise Indicated									dicated			
Wattage (Upper/	Input	P*	36	40	54	60	72	80	90	100	108	120	126
Lower)	kW	C°	20	22.2	30	33.3	40	44.4	50	55.5	60	66.6	70
Non-Simula	taneous O	peration									576		
	1	GPH	17	15	.11	10	8	8	7	6	6	5	5
/1500	1.5	LPH	64	58	43	38	32	29	26	23	21	19	18
12000		GPH	23	20	15	14	11	10	9	8	8	7	6
/2000	2	LPH	85	77	57	51	43	38	34	31	28	26	24
135.00	2.5	GPH	28	25	19	17	14	13	11	10	9	8	8
/2500	2.5	LPH	107	96	71	64	53	48	43	38	36	32	30
2000/2000		GPH	34	30	23	20	17	15	14	12	11	10	10
3000/3000 3	LEN	128	115	85	77	64	58	51	46	43	38	37	
4000/4000	4	GPH	45	41	30	27	23	20	18	16	15	14	13
4000/4000 4	LFH	170	153	114	102	85	77	68	61	57	51	.49	
4500/4500	4.5	GPH	51	46	34	30	= 25 =	23	20	18	17	15	14
4500/4500 4.5	4.9	LFH	192	173	128	115	<u>96</u>	86	77	69	64	58	55
5000/5000 5	5	GPH	56	51	38	34	28	25	23	20	19	17	- 16
500015000	P)	UFH	213	192	142	128	107	96	85	77	71	64	61
6000/6000	6	GPH	68	61	45	.41	34	30	27	24	23	20	19
Con a series o	1.64	LPH	256	230	170	153	128	115	102	92	85	77	73
Simulataned	ous Operat		1.00				-						
3000/3000	6	GPH	68	61	45	41	34	30	27	24	23	20	19
	1000	LPH	256	230	170	153	128	115	102	92	85	77	73
4000/4000	8	GPH	90	81	60	54	45	41	36	32	30	27	26
	-	LPH	341	307	227	205	170	153	136	123	114	102	97
4500/4500	9	GPH	101	91	68	61	51	46	41	36	34	30	29
10000 A		LPH GPH	384	345	256	230	192	173	153 45	138	128	115 34	110
5000/5000	10	LFM	426	384	284	256	213	192	45	153	38	128	32
		GPH	135	122	90	81	68	61	54	49	45	41	39
6000/6000 12	12	LFH	511	460	341	307	256	230	205	184	43	153	146

SPECII

The wate : _____kW, artment of ____ pped with energy a on that has extrudeo been fus opper sheath. Each element shall be controlled by an individually mounted thermostat and high temperature cutoff switch. The outer jacket shall be of backed enamel finish and shall enclose the tank with foam insulation. Electrical junction box with heavy duty terminal block shall be provided (except on 120V & 277V (no junction box on DEL-6 thru 20]). The drain valve shall be located in the front for ease of servicing. Heater tank shall have a three year limited warranty as outlined in the written warranty. Fully illustrated instruction manual to be included.

For technical information, call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.

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Page 4 of 4 AOSCE15400

E EQUIPMENT SCHEDULE

DESCRIPTION

IMER: "MIFAB" #M-500 PRESSURE DROP ACTIVATED, BRASS CONSTRUCTION, PROVIDE -DU 4-WAY DISTRIBUTION UNIT (IF APPLICABLE), PROVIDE WITH ACCESS PANEL.

INTERCEPTOR: SCHIER GB-75. INSTALL PER MANUFACTURER GUIDELINES AND PROVIDE ESSORIES FOR A FULLY FUNCTIONAL SYSTEM.

Approved For State of California Commercial Modular



JUSTUS STUDIO, INC.

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OWNER: HOME FED

1903 WRIGHT PL SUITE 220 CARLSBAD, CA 92008

ARCHITECT: JUSTUS STUDIO, INC.

4271 KENYON AVENUE LOS ANGELES, CA 90066 CONTACT: JOSEPH JUSTUS

E: JOSEPHJ@JUSTUS-STUDIO.COM P: 949-294-2648 STRUCTURAL:

ORION STRUCTURAL GROUP, INC. 223 E. THOUSAND OAKS BLVD., #304 THOUSAND OAKS, CA 91360 ELECTRICAL:

ARB ELECTRIC, INC. 1401 N EL CAMINO REAL #201 SAN CLEMENTE, CA 92672

MECHANICAL: VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

COMMERCIAL MODULAR MANUFACTURER: FREE FORM DEVELOPMENT, INC. 1148 INDUSTRIAL AVE, ESCONDIDO, CA 92029

CONTACT: ADAM JUBELA E: ADAM@FREEFORMDC.COM P: 760-801-2384

ND,	ISSUE	DATE

20 FOOT CATERING

CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

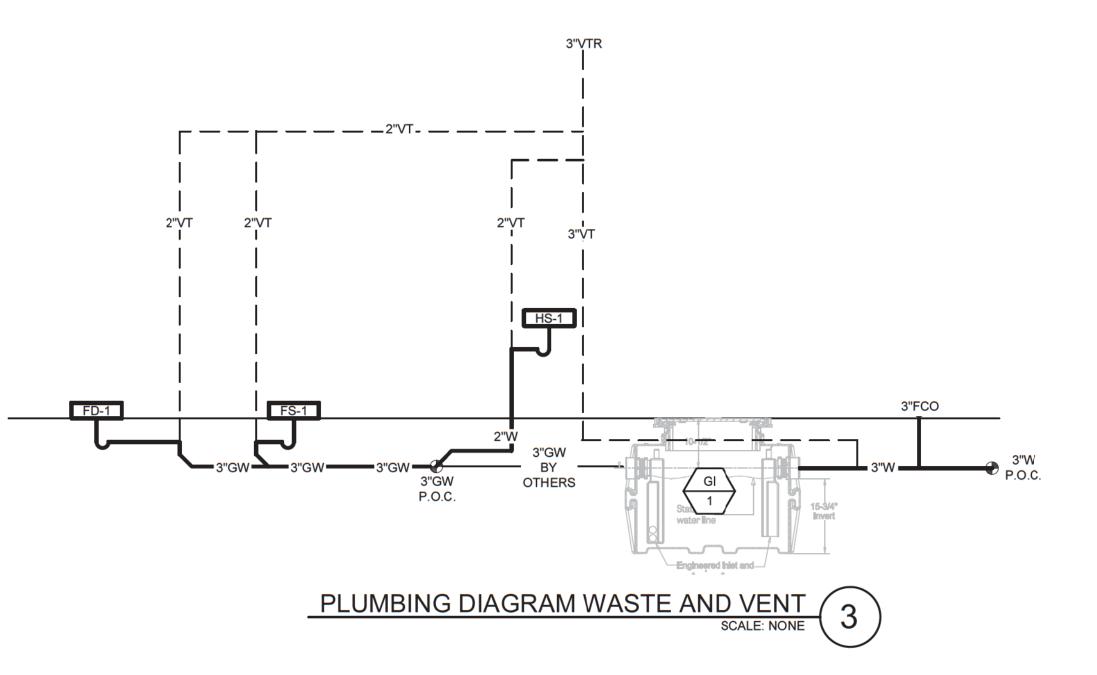
COFFEE SHOP SECTIONS

PROJECT 2023-003-00 SCALE 1/2" = 1'-0" DRAWN BY

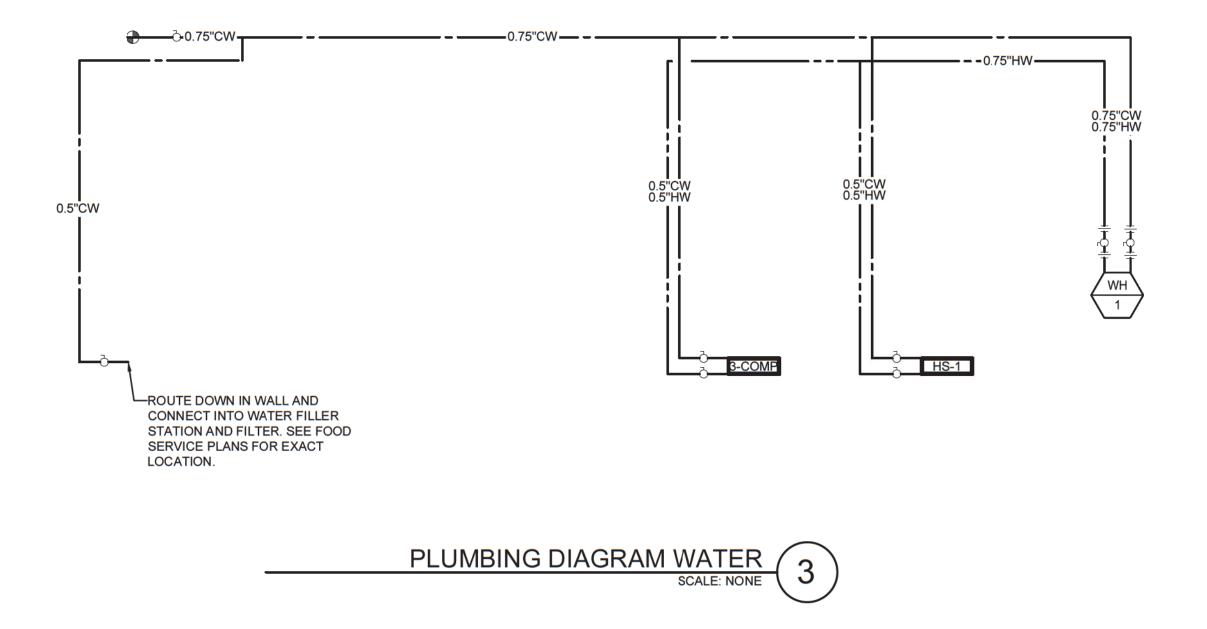
SHEET NUMBER

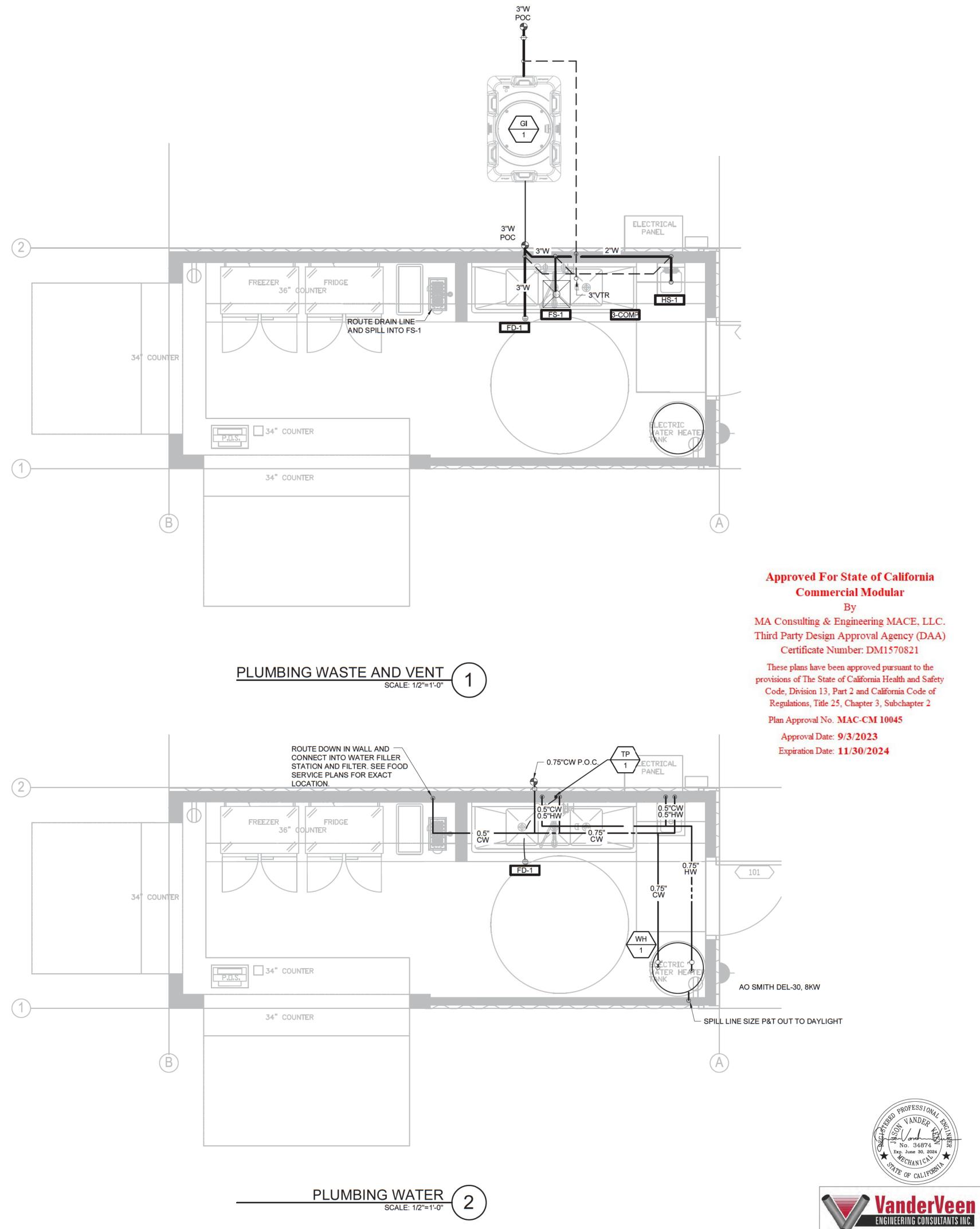
DATE 06-19-2023 SIZE: 36"x24"

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OWNER: HOME FED 1903 WRIGHT PL SUITE 220 CARLSBAD, CA 92008

ARCHITECT: JUSTUS STUDIO, INC. 4271 KENYON AVENUE LOS ANGELES, CA 90066

CONTACT: JOSEPH JUSTUS E: JOSEPHJ@JUSTUS-STUDIO.COM P: 949-294-2648

STRUCTURAL: ORION STRUCTURAL GROUP, INC. 223 E. THOUSAND OAKS BLVD., #304 THOUSAND OAKS, CA 91360

ELECTRICAL: ARB ELECTRIC, INC. 1401 N EL CAMINO REAL #201 SAN CLEMENTE, CA 92672

MECHANICAL: VANDERVEEN ENGINEERING CONSULTANTS 42056 DELMONTE ST TEMECULA CA 92591

COMMERCIAL MODULAR MANUFACTURER: FREE FORM DEVELOPMENT, INC. 1148 INDUSTRIAL AVE, ESCONDIDO, CA 92029

CONTACT: ADAM JUBELA E: ADAM@FREEFORMDC.COM P: 760-801-2384

ND,	ISSUE	DATE	-
<u> </u>			
<u> </u>			
-			

20 FOOT CATERING CONTAINER

MODEL: HFCS20-2023CATER S/N: HFCS-20-2023

TITLE

COFFEE SHOP SECTIONS

ROJECT)23-003-00 SALE /2" = 1'-0"	SHEET NU
AWN BY	P

06-19-2023 SIZE: 36"x24" ©JUSTUS STUDIO INC.

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	EALTH DEPARTMENT NOTES	COUNTY OF SAU DEPARTMEN ENVIRONMENTA	IT OF	
	THE FOLLOWING ARE THE MINIMUM STANDARDS FOR COMPLIANCE WITH HEALTH DEPARTMENT REQUIREMENTS. THE G.C. AND KEC CONTRACTOR SHALL COMPLY WITH THESE MINIMUM STANDARDS, DRAWINGS AND SPECIFICATIONS.	PLAN REVI PROVISIONAL A PLANS ACCEPTED FOR CONSTRU REQUIREMENTS OF THE STATE A	EW	DV DN
1.	A CONCRETE SLAB IS PROVIDED FOR TRASH, GARBAGE, AND GREASE CONTAINER. IF WALLS ENCLOSE THIS AREA, THE INTERIOR WALL SURFACE WILL BE SMOOTH, SEALED AND WASHABLE (e.i., PLASTERED SMOOTH AND PAINTED, ETC.)	THIS STAMP IS NO ASSURANCE T FICATIONS ARE CORRECT IN EVE DESIGN OF CONSTRUCTION MUS	RYR	ES
2.	ALL FOOD-RELATED AND UTENSIL-RELATED EQUIPMENT SHALL MEET OR BE EQUIVALENT TO SANITATION STANDARDS ESTABLISHED BY AN AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ACCREDITED PROGRAM.	By Anniel Hale	•	
3.	ALL FLOOR MOUNTED EQUIPMENT WILL BE INSTALLED ON MINIMUM 6" SANITARY LEGS, CASTERS OR COMPLETELY SEALED IN POSITION ON A 4" HIGH CURB WITH CONTINUOUSLY COVED BASE. COUNTERTOP EQUIPMENT WILL BE ON 4" SANITARY LEGS OR SEALED TO THE COUNTER UNLESS READILY MOVABLE.	APPROVED SET FOR PLANS MUST REMAIN	NON T	HE
4.	FOR ALL SELF-SERVICE SODA, ICE AND OTHER DISPENSERS WHERE REFILLS ARE PROVIDED THEY MUST BE PUSH BUTTON TYPES, OR LEVER TYPES WHERE THE LEVER CONTACTS THE CONTAINER AT LEAST ONE INCH BELOW THE RIM.			
5.	ANY OPERABLE WINDOWS, VENT OPENING, OR OTHER SIMILAR OPENINGS MUST BE PROVIDED WITH TIGHT FITTING SCREENS OF MINIMUM 16 MESH TO THE INCH. WINDOWS SHALL BE FIXED AT FOOD PREP, UTENSIL-WASHING, OPEN FOOD AND UTENSIL STORAGE AREAS.			
6.	ALL EXTERIOR DOORS SHALL OPEN OUTWARD, BE SELF-CLOSING AND TIGHT FITTING.			
7.	BI-FOLD, FRENCH, ACCORDION STYLE AND ROLL-UP DOORS CANNOT OPEN INTO THE FOOD PREP, UTENSIL WASHING OR UNPACKAGED FOOD SERVICE AREAS.			
3. Ə.	TOILET ROOM AND DRESSING ROOM DOORS MUST BE SELF-CLOSING AND TIGHT FITTING. DELIVERY DOORS SHALL HAVE AIR CURTAIN FANS THAT SPAN THE WIDTH OVER THE DOOR. THE FAN MUST ACTIVATE			
	VIA A MICROSWITCH PROVIDING A MINIMUM VELOCITY OF 1600 FPM MEASURED 3 FEET ABOVE THE GROUND. A MINIMUM OF 10 FOOT-CANDLES OF LIGHT MEASURED 30" OFF FLOOR SHALL BE PROVIDED IN WALK-IN REFRIGERATED			
10.	STORAGE AND DRY STORAGE AREAS.			
1.	A MINIMUM OF 20-FOOT CANDLES OF LIGHT SHALL BE PROVIDED WHERE FOOD, FRESH PRODUCE OR PRE-PACKAGED ITEMS ARE PROVIDED FOR CONSUMER SELF-SERVICE AND SOLD OR OFFERED FOR CONSUMPTION INSIDE EQUIPMENT, IN AREAS USED FOR HAND WASHING, WAREWASHING, UTENSIL STORAGE, AND TOILET ROOMS.			
2. 3.	A MINIMUM OF 50 FOOT-CANDLES OF LIGHT MEASURED 30" OFF FLOOR SHALL BE PROVIDED WHEN WORKING WITH FOOD, UTENSILS, EQUIPMENT SUCH AS KNIVES, SLICERS, GRINDERS, AREAS WHERE EMPLOYEE SAFETY IS A FACTOR AND IN ALL AREAS DURING PERIODS OF CLEANING. SHATTER SHIELDS SHALL BE PROVIDED FOR ALL LIGHTS ABOVE FOOD PREPARATION, WORK, AND STORAGE AREAS.	FINISH SCHEI	DI	J
	ALL WAREWASHING SINKS TO HAVE 3 COMPARTMENTS THAT ARE A MINIMUM SIZE OF AT LEAST 18"X18"X12" DEEP (OR 16"X20"X12" DEEP) WITH A MINIMUM 18" DRAINBOARD AT EACH END. IF AGAINST A WALL, IT MUST HAVE AN 8" INTEGRAL BACKSPLASH. HOWEVER, IT MUST BE CAPABLE OF ACCOMMODATING THE LARGEST UTENSIL TO BE WASHED. A WAREWASHING MACHINE DOES NOT SUBSTITUTE FOR SINK REQUIREMENT. 3 OR 4 COMPARTMENT BAR SINKS TO BE AT LEAST 12"X12"X10" DEEP (OR 10"X14"X10" DEEP) WITH A MINIMUM 18" DRAINBOARD AT EACH END.	AREA		FI
15.	ALL SINKS SHALL HAVE SPOUT(S) CAPABLE OF REACHING EACH COMPARTMENT.			
6.	FOOD PREP SINK COMPARTMENT(S) TO BE AT LEAST 18"X18"X12" DEEP (OR 16"X20"X12" DEEP) WITH A MINIMUM 18" DRAINBOARD. SEPARATE FOOD PREP SINKS SHALL BE PROVIDED FOR MEATS AND PRODUCE.			
7. 8	A SEPARATE WET WASTE DUMP FIXTURE SHALL BE PROVIDED FOR DISPOSAL OF DRINK OR ICE WASTE.			
18.	DISPENSERS.		ЕРОХҮ	
9.	THE HOT WATER HEATER WILL BE A COMMERCIAL TYPE CAPABLE OF CONSTANTLY SUPPLYING HOT WATER AT A TEMPERATURE OF 120° F TO ALL SINKS. IN SIZING THE WATER HEATER, THE PEAK HOURLY DEMAND FOR ALL SINKS, ETC., ARE ADDED TOGETHER TO DETERMINE THE MINIMUM REQUIRED RECOVERY RATE.			
	ALL LAVATORIES OR HAND SINKS WILL HAVE A COMBINATION FAUCET OR PREMIXING FAUCET CAPABLE OF SUPPLYING WATER TEMPERED TO 100°-108°F. SELF-CLOSING OR METERED FAUCET TO PROVIDE AT LEAST 15 SECONDS OF WATER WITHOUT REACTIVATION.		COMMERCIAL	
	EXTENT AS POSSIBLE. ALL EXPOSED CONDUITS, PLUMBING, ETC. SHALL BE INSTALLED AT LEAST 6" OFF FLOOR AND 3/4" FROM WALLS USING STANDOFF BRACKETS.	FRONT OF THE HOUSE (FOH)	00 •	5
2.	CONDUITS, PLUMBING OR PIPING CANNOT BE INSTALLED ACROSS ANY AISLE WAY, TRAFFIC AREA OR DOOR OPENING.	BACK OF THE HOUSE (BOH)	•	
23. 24.	MULTIPLE RUNS OR CLUSTERS OF CONDUIT OR PIPELINES SHALL BE FURRED IN OR ENCASED IN AN APPROVED SEALED ENCLOSURE. ALL LIQUID WASTE SHALL BE DRAINED BE MEANS OF INDIRECT WASTE PIPES INTO A FLOOR SINK. FLOOR SINKS ARE TO	RESTROOMS MOP SINK	•	•
5.	BE INSTALLED FLUSH WITH THE FINISHED FLOOR SURFACE AND HAVE SUITABLE EASILY REMOVABLE SAFETY COVER GRATES. FLOOR SINK TO BE 50% EXPOSED WHEN NO ACCESS IS PROVIDED FOR CLEANING OR BE IN LINE WITH THE FRONT			
26.	FACE OF ELEVATED FREESTANDING EQUIPMENT. APPROVED BACKFLOW PREVENTION DEVICES SHALL BE PROPERLY INSTALLED UPSTREAM OF ANY POTENTIAL HAZARD BETWEEN THE POTABLE WATER SUPPLY AND A SOURCE OF CONTAMINATION. HOSES SHALL NOT BE ATTACHED TO A FAUCET OR HOSE BIBB UNLESS AN APPROVED BACKFLOW PREVENTER IS PROVIDED.			
27.	WATER SUPPLY TO CARBONATORS SHALL BE PROTECTED BY AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER. THE RELIEF VALVE SHALL DRAIN INDIRECTLY TO SEWER WITH A LEGAL AIR GAP.			
28.	FOR CLEANING FLOOR MATS, THE JANITORIAL SINK SHALL BE A MINIMUM 24" BY 36" FLOOR-MOUNTED TYPE. MOPS SHALL BE PLACED IN A POSITION THAT ALLOWS THEM TO AIR-DRY WITHOUT SOILING WALLS, EQUIPMENT, OR			
29.	SUPPLIES. THE JANITORIAL SINK FAUCET WILL HAVE A THREADED OUTER LIP FOR HOSE ATTACHMENT AND AN APPROVED BACKFLOW PREVENTION DEVICE. NO CHEMICAL DISPENSING SYSTEMS OR SHUTOFF VALVES TO BE ATTACHED TO MOP			
30.	SINK FAUCET OUTLET UNLESS A "SIDEKICK" PLUMBING DEVICE IS INSTALLED). NO CONDENSATE OR WASTEWATER INCLUDING HVAC WILL DRAIN INTO THE JANITORIAL SINK.	FINISH NOTE	S	
	GREASE TRAP TO BE LOCATED OUTSIDE THE FOOD SERVICE ACTIVITY AREA, FLUSH WITH THE FINISHED FLOOR WHEN INDOORS. LOCAL WASTEWATER DISTRICT OR BUILDING DEPARTMENT TO BE CONTACTED FOR GREASE REMOVAL		-	<u> </u>
2.	REQUIREMENTS. FLOOR DRAINS SHALL BE INSTALLED IN FLOORS THAT ARE WATER-FLUSHED FOR CLEANING AND IN AREAS WHERE PRESSURE SPRAY METHODS FOR CLEANING EQUIPMENT ARE USED, IN RESTROOMS, JANITORIAL ROOMS, SCULLERIES,	 ALL BASES IN ABOVE FINIS RADIUS. ALL PAINTED AREAS SHAL 		
33.	AND AT BARS WITH WAREWASHING. FLOOR SURFACES IN AREAS PURSUANT TO THIS SHALL BE SLOPED 1:50 TO THE FLOOR DRAINS. ADEQUATE VENTILATION SHALL BE PROVIDED TO ALL TOILET ROOMS, JANITOR CLOSETS WITH MOP SINKS, INDOOR	 ALLET AINTED AREAG OF ALL W/ 75% REFLECTANCE OR ACOUSTIC PANEL SHALL B 	GR	ΞA
84.	TRASH ROOMS AND IN DRESSING/ CHANGING ROOM(S). THE FLOOR FINISH SHALL HAVE A SMOOTH SURFACE UNDER ALL EQUIPMENT AND WALKWAYS WILL HAVE A LIGHT	4. SLIM FOOT TO BE HUNTING	это	N
	TEXTURE ONLY. THE PAINT USED ON WALLS AND CEILINGS OF ALL KITCHEN, FOOD PREPARATION, WORK, STORAGE AREAS SHALL BE GLOSS OR SEMI-GLOSS ENAMEL. FINISH MATERIAL SHALL BE LIGHT COLOR IN FOOD PREP AREAS FOR EASY	5. GENERAL CONTRACTOR T FOR APPROVAL PRIOR TO		_
6.	CLEANING. PRIOR TO INSTALLATION, SAMPLES OF FINISHES SHALL BE SUBMITTED TO ENVIRONMENTAL HEALTH FOR APPROVAL AS NEEDED.	6. STAINED SEALED CONCRE	TE	ГС
7.	COLD STORAGE ROOMS SHALL BE PROVIDED WITH A SECTION OF SHELVING INSTALLED TO HOLD SHALLOW COOL DOWN PANS - NOT TO EXCEED 4" IN HEIGHT, SPACE BETWEEN SHELVING TO BE AT LEAST 8" HIGH.	GENERAL NO		
8.	BACKUP DRY STORAGE SHELVING SHALL BE A MINIMUM OF 96 LINEAR FEET (MEASURED WITH TIERS) OR 25% OF KITCHEN, FOOD PREP, AND WORK AREAS, WHICHEVER IS GREATER. SHELVING SHALL BE AT LEAST 18 INCHES DEEP AND START A MINIMUM SIX INCHES OFF THE FLOOR SURFACE.	1. ALCOHOL NOT SOLD ON P	REM	IIS
9.	SHELVING OVER WET AREAS (SINKS, MOP SINKS ETC.) AND FOOD PREP SURFACES SHALL BE METAL.	 SNEEZE GUARDS ARE NOT MAXIMUM NUMBER OF EM 	PLO	YE
40.	ALL SEAMS, GAPS, OPENINGS SHALL BE PROPERLY SEALED PER CODE.	4. WATER DISTRICT: CITY OF 5. SEWER DISTRICT: CITY OF	CH	JL
		 SINGLE USE UTENSILS (AL COVID-19 UNTIL PUBLIC HE ESTABLISHMENT SQUARE FEE⁻ 	EALT	Ή
)	EISMIC DETAILS NOTE	SCOPE OF WORK: NEW LIMITER	\sim	\sim
1.	SEISMIC DETAILS, ENGINEERING, SUPPLY AND INSTALLATION ARE NOT INCLUDED BY	COOKED.		

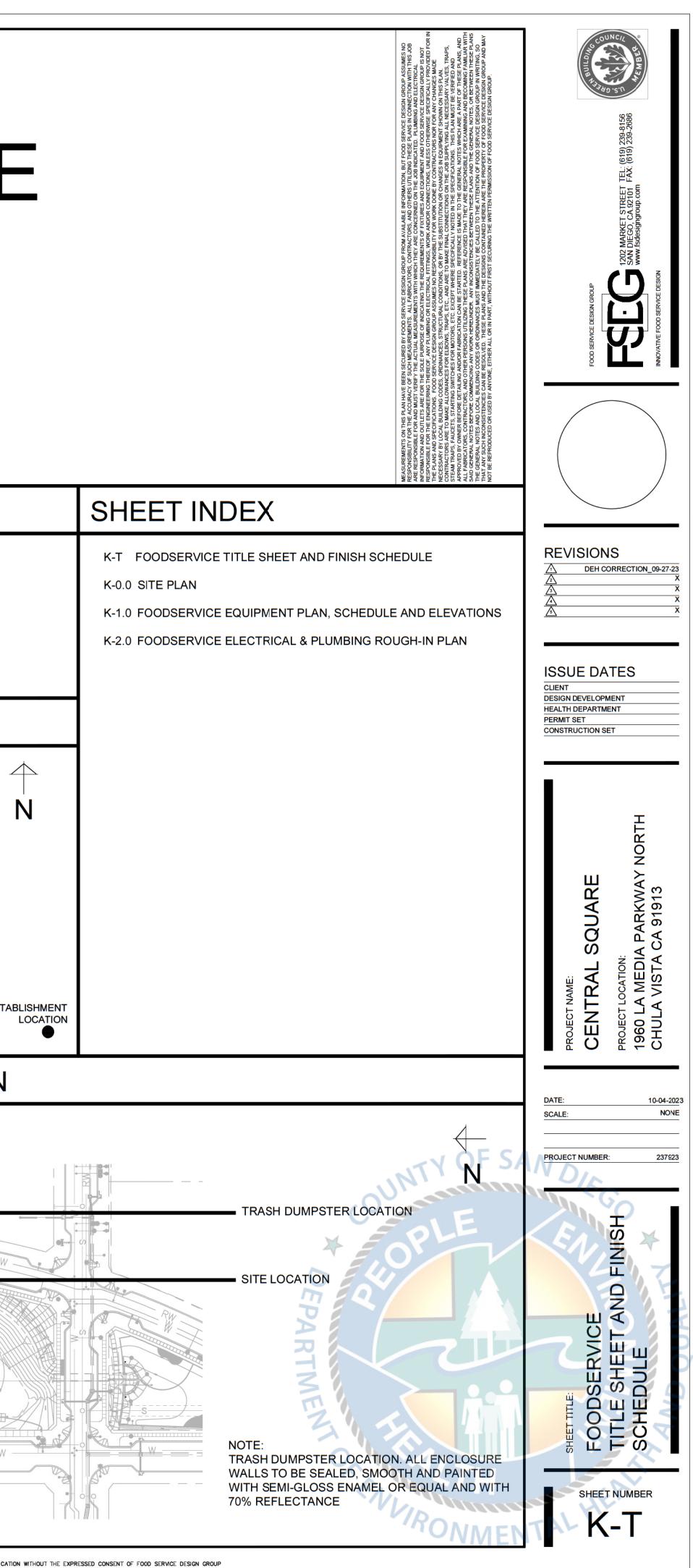
SEISMIC DETAILS, ENGINEERING, SUPPLY AND INSTALLATION ARE NOT INCLUDED BY 1 FOOD SERVICE CONSULTANT OR KITCHEN EQUIPMENT SUPPLIER.

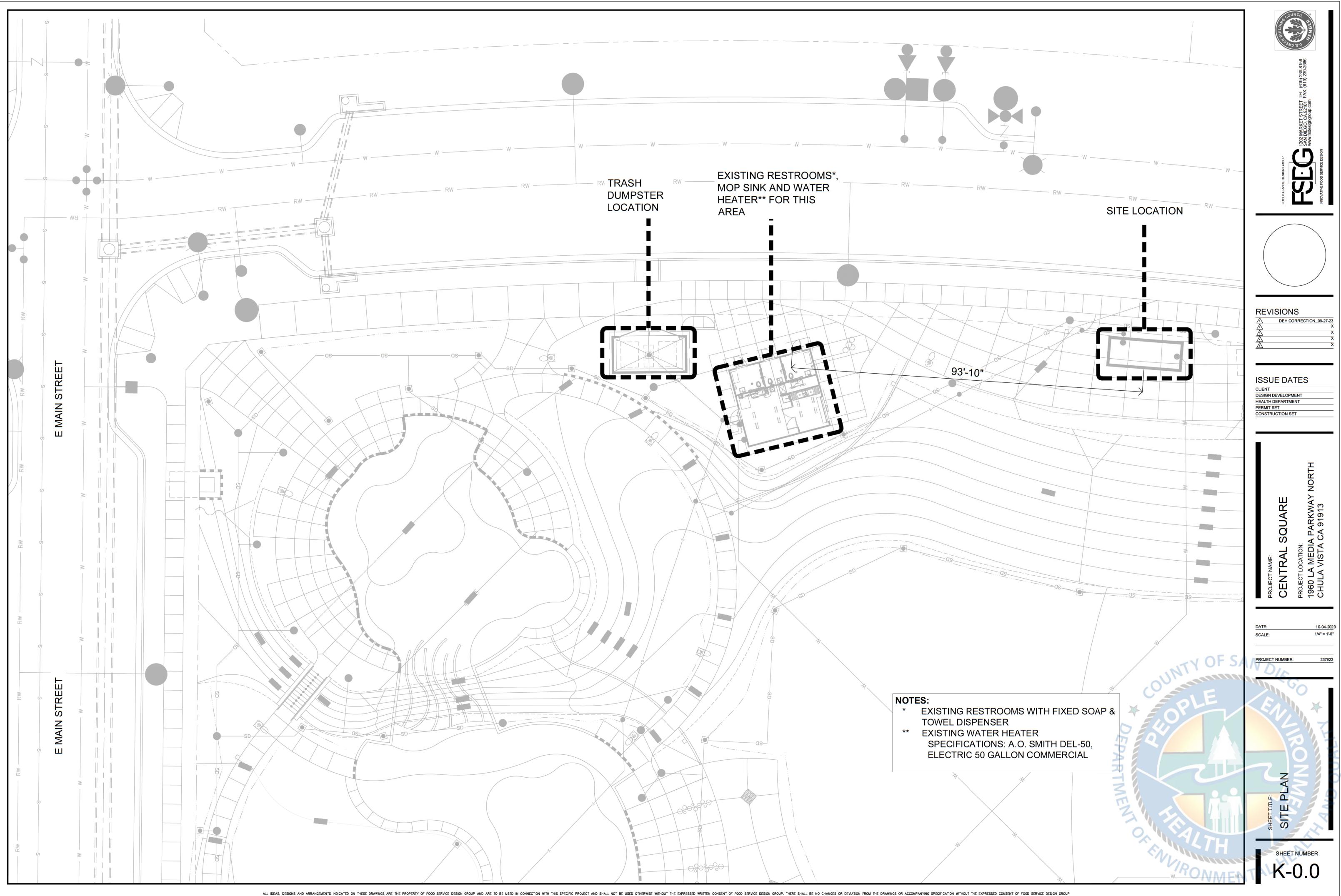


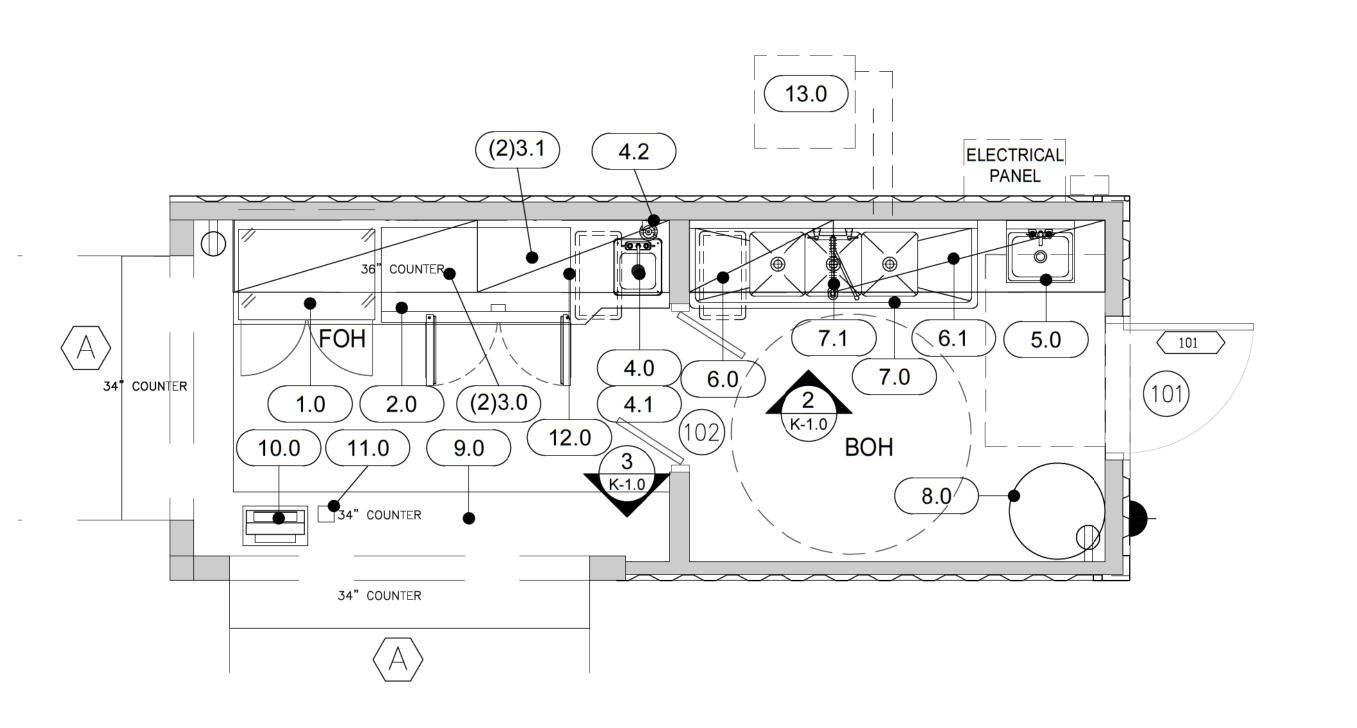
DEH2023-FFPP-016938 CORRECTED. <u>DATE 10/20/2023</u> E JOB SITE DURING CONSTRUCTION. CORRECTED.

1960 LA MEDIA PARKWAY NORTH CHULA VISTA CA 91913

FINISH SCHE	DULE		OWNER INFORMATION			
AREA	FLOOR	BASE	A WALL	CEILING	REMARKS	OPERATOR/OWNER: HOMEFED VILLAGE 8 WEST, LLC
FRONT OF THE HOUSE (FOH) BACK OF THE HOUSE (BOH) RESTROOMS MOP SINK	FLOOR Image: State of the state	BASE BASE COMMERICAL EPOXY • COMMERICAL EPOXY • COMMERICAL EPOXY • COMMERICAL EPOXY • COMMERICAL EPOXY • COMMERICAL EPOXY	MIN 8' HIGH F.R.P. BOARD BOARD TO BOTTOM OF COUNTER SEMI-GLOSS PAINTED GYP. BOARD BLOCK FILLER / PAINTED SEMI-GLOSS	 PAINTED GYP. BOARD PAINTED GYP. BOARD METAL ROOFING, METAL SALES / WHITE 		
FINISH NOTE	<u>ح</u>					TRASH DUMPSTER LOCATION
1. ALL BASES IN ABOVE FINI		SHALL BE A CO	ONTINUOUS COVE E	BASE MINIMUM	4" HIGH W/ 3/8"	TRASTIDUMI STER LOCATION
RADIUS.2. ALL PAINTED AREAS SHA	LL BE ENAMEL	SEMI-GLOSS LI	GHT-COLORED, SM	OOTH AND EA	SILY CLEANABLE,	
W/ 75% REFLECTANCE OF3. ACOUSTIC PANEL SHALL		IG CLEAN ROOM	/ OR EQUAL.			
4. SLIM FOOT TO BE HUNTIN	IGTON PACIFIC	CERAMIC MOD	DEL # S3619T.			
5. GENERAL CONTRACTOR			ING TILE AND SLIM	FOOT TO HEA	LTH DEPARTMENT	W RW RW
6. STAINED SEALED CONCR	ETE TO BE ACI	D AND GREASE	RESISTANT AND U	SDA APPROVE	D.	
GENERAL NC	DTES					
 ALCOHOL NOT SOLD ON F SNEEZE GUARDS ARE NO MAXIMUM NUMBER OF EM WATER DISTRICT: CITY OF SEWER DISTRICT: CITY OF SINGLE USE UTENSILS (A COVID-19 UNTIL PUBLIC H ESTABLISHMENT SQUARE FEE SCOPE OF WORK: NEW LIMITE COOKED. * ALL FOOD BROUGHT INT PRE-SLICED & PRE-PACH AND/OR FOOD WILL BE F 	T REQUIRED IPLOYEES PER F CHULA VISTA F CHULA VISTA LL SINGLE SER EALTH ORDER T: 160 SQ. FT. D PREP FOOD TO THIS SPACE KAGED. ANY FF	A VICE UTENSILS IS MODIFIED) FACILITY, NO F FACILITY AND A ROZEN WILL BE	OOD WILL BE PREF	PARED, SLICED	, WASHED OR	LA MEDIA PARKWAY
NTS INDICATED ON THESE DRAWINGS ARE THE PROPERTY OF	FOOD SERVICE DESIGN GROUP	AND ARE TO BE USED IN CO	NNECTION WITH THIS SPECIFIC PROJEC	T AND SHALL NOT BE USED	OTHERWISE WITHOUT THE EXPRESSED WRITT	TEN CONSENT OF FOOD SERVICE DESIGN GROUP. THERE SHALL BE NO CHANGES OR DEVIATION FROM THE DRAWINGS OR ACCOMPANYING SPECIFICATION

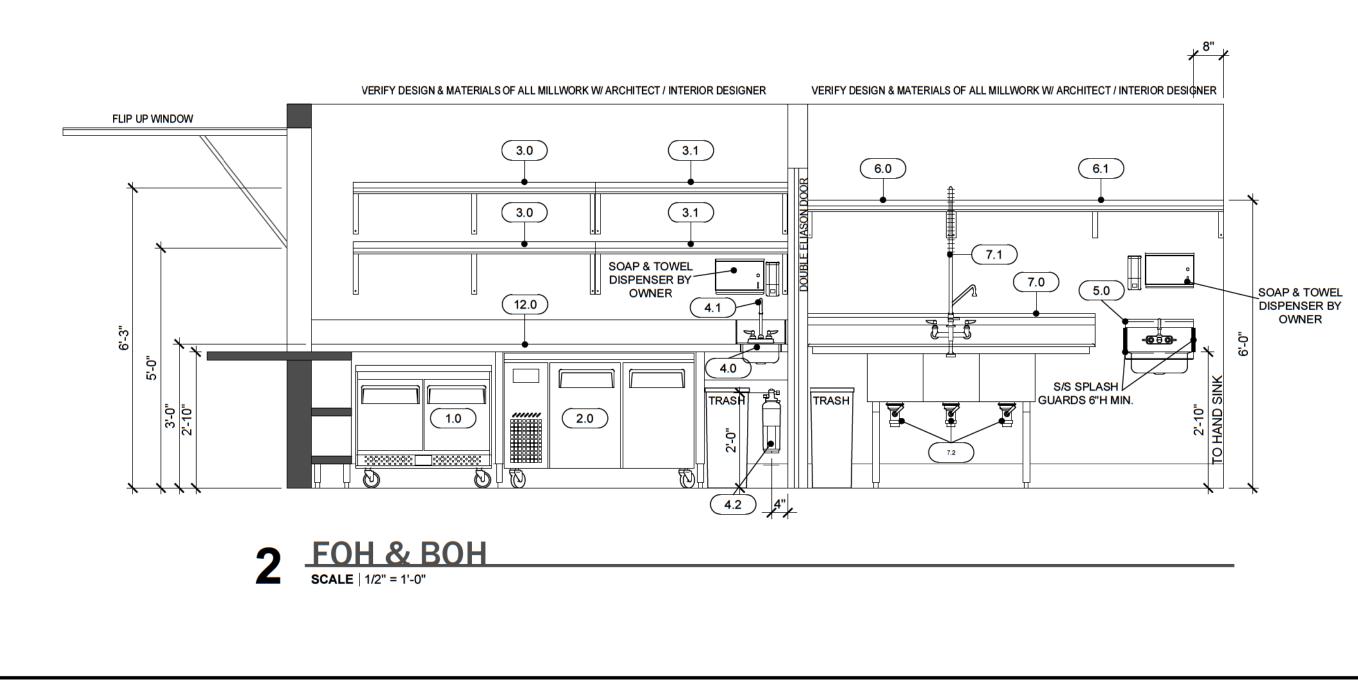




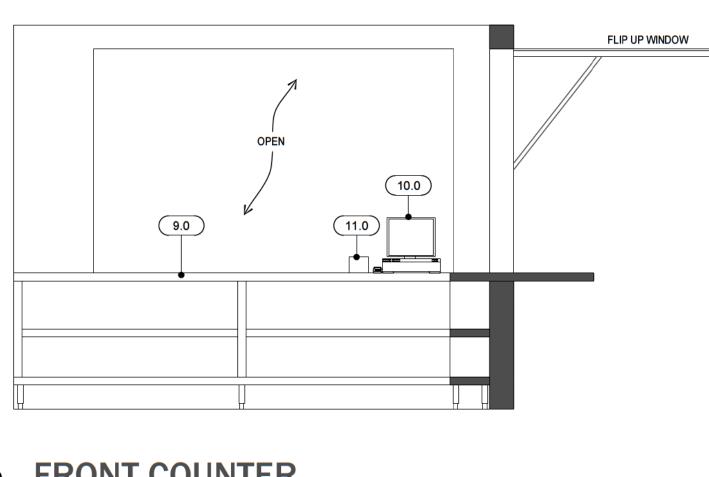




	EQUIPMENT SCHEDULE																				
			EQUIPMENT				ELEC	TRICA	L.							PLUM	BING	3			REMARKS
										CONNECT		NECT	SUP	PLY		WAS	ΤE		GAS		
N	O .	QTY	DESCRIPTION	MANUFACTURER	MODEL #	v	PH	AMP	KW	HP	WIRED	CORD/ PLUG	P.O.C.		SIZE				SIZE	MBH	
1	.0	1 1	JNDERCOUNTER REFRIGERATOR W/ CASTERS (SELF-CONTAINED)	TURBO AIR	MUR-34S-N6	120	1	2.6	0.31			5-15P		OOLD							
2	.0		JNDERCOUNTER FREEZER W/ CASTERS (SELF-CONTAINED)	TURBO AIR	JUF-48S-N	120	1	2.6	0.31			5-15P									
	.0		S/S WALL SHELF (60"W X 18"D)	CUSTOM STAINLESS STEEL	NSF APPROVED																
	.1			CUSTOM STAINLESS STEEL	NSE APPROVED PB-DISINK090905	`									1-1/2"			x			
(4	.1	1 F	AUCET FOR ITEM 4.0 VATER FILTER FOR ITEM 4.1	T&S BRASS	B-1141	3							1/2"	1/2"							FILTERED C.W. FROM ITEM 4.2
	.2	$\frac{1}{1}$	VATER FILTER FOR ITEM 4.1	ЗМ	HF160-CLX	\sim								1/2"							EXTEND FILTERED C.W. TO ITEM 4.1
5	.0	1 \	VALL MOUNTED HAND SINK W/ FAUCET WITH 6"H MIN. SIDE SPLASH GUARDS, SOAP & TOWEL DISPENSER BY OWNER	JOHN BOOS	PBHS-W-1410-P-SSLR								1/2"	1/2"	1-1/2"	Х					
6	.0	1 5	S/S WALL SHELF (36"W X 18"D)	CUSTOM STAINLESS STEEL	NSF APPROVED																
6	.1	1 5	S/S WALL SHELF (68"W X 18"D)	CUSTOM STAINLESS STEEL	NSF APPROVED																
7	.0	1 3	COMPARTMENT SINK (16"X14"X12" COMPARTMENTS AND DUAL15" DRAINBOARDS)	TURBO AIR	TSCS-3-23										1-1/2"			X			
7	.1		PRE-RINSE W/ ADD-ON FAUCET	T&S BRASS	B-0133-01								1/2"	1/2"							
7	.2	3 7	WIST WASTE VALVE (NOT SHOWN ON PLANS)	T&S BRASS	B-3950																
8.0 1 WATER HEATER (ELECTRIC)				A.O. SMITH	DEL-30			BY PLU	MBING CONTRA	CTOR				BY PL	JMBING	CONTRAC	TOR				
9	.0		S/S FRONT AND SIDE COUNTER (34" HIGH)	CUSTOM STAINLESS STEEL	NSF APPROVED																
10				BYOWNER		120	1	5.0	0.60			Х									
1				BY OWNER		120	1	5.0	0.60			Х									
12	2.0		S/S BACK COUNTER (36" HIGH)	CUSTOM STAINLESS STEEL	NSF APPROVED																
1:	3.0	1 (GREASE TRAP (LOCATED OUTSIDE OF FOOD FACILITY)	BY PLUMBING CONTRACTOR																	





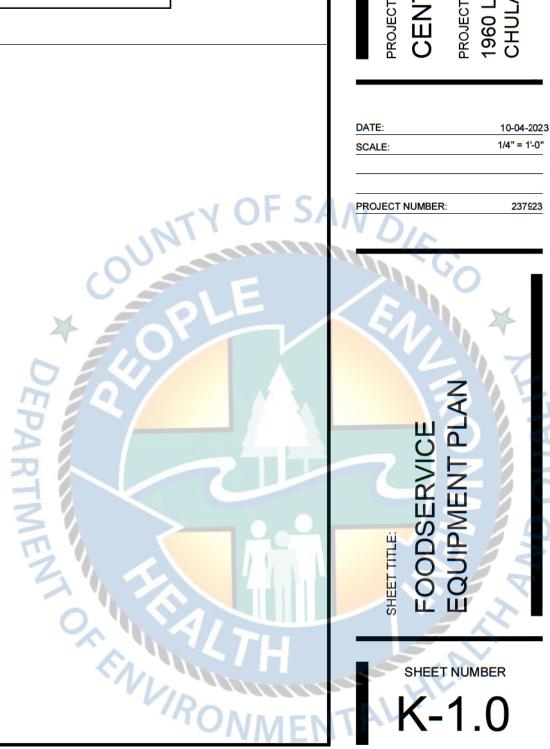


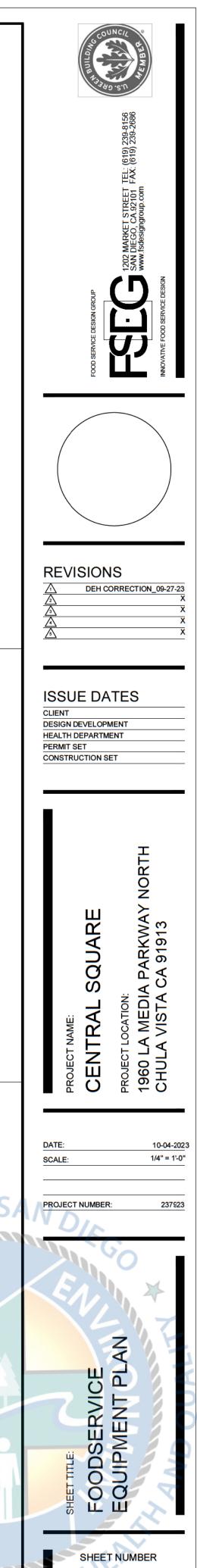


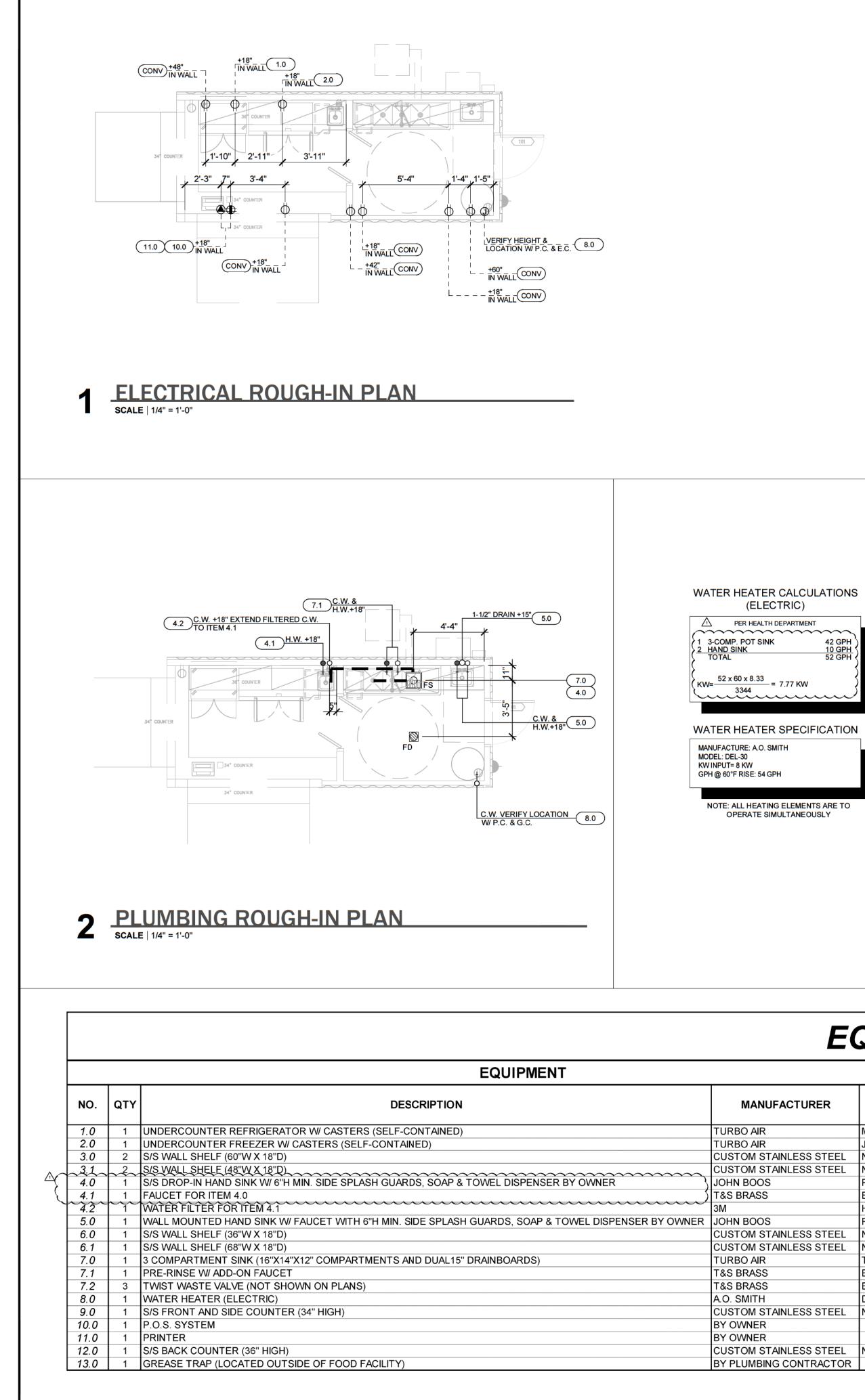
3 FRONT COUNTER SCALE | 1/2" = 1'-0"

DOOR SCI	HEDULE							
DESCRIPTION	REMARKS							
	SELF-CLOSING, TIGHT-FITTING OUTWARD FACING							
OOR	SELF-CLOSING, DOUBLE TRAFFIC DOOR, TIGHT-FITTING, FULLY GASKETED ELIASON DOOR							
WINDOW SCHEDULE								
DESCRIPTION	REMARKS							

NDOW	FLIP UP OPENING







ELECTRICAL LEGEND

\ominus	SINGLE OUTLET
\ominus	DUPLEX OUTLET
\oplus	QUAD OUTLET
Θ	I.G. (ISOLATED GROUND) DUPLEX OUTLET
U	J-BOX (JUNCTION BOX)
\bigcirc	DATA
\odot	FLOOR RECEPTACLE
0	CONDUIT STUB-UP FROM FLOOR
-	DISCONNECT SWITCH
•	TELEPHONE
\$	REMOTE SWITCH
+12"	A.F.F ABOVE FINISHED FLOOR TO CENTER OF ROUGH-IN
E.C.	ELECTRICAL CONTRACTOR
CONV	CONVENIENCE OUTLET
	5 MIN. AIR EXCHANGE FAN, 12 EXCHANGES / HOUR VENTILATION IN ROOM IS LIGHT SWITCH ACTIVATED
۲X	FIRE PULL STATION
•	HOOD LIGHT

	PLUMBING LEGEND
0	DIRECT WASTE
	TRENCH DRAIN (TD)
\bigcirc	FLOOR DRAIN (FD)
\bigcirc	FLOOR DRAIN W/ 4" HIGH FUNNEL (FF)
8	FLOOR SINK (FS)
0	HUB DRAIN (HD)
FS	12"X12" FLOOR SINK
0-+	COLD WATER (C.W.)
	HOT WATER (H.W.)
۲	GAS LINE
SBW	SODA, BEER, WINE LINE CHASE
	INDIRECT DRAIN LINE AS REQUIRED
+12"	A.F.F ABOVE FINISHED FLOOR TO CENTER OF ROUGH-IN
P.C.	PLUMBING CONTRACTOR
L	

GENERAL ELECTRICAL NOTES

- DRAWINGS
- OTHERWISE IN FOOD SERVICE EQUIPMENT CONTRACT.
- INSTALLATION.
- DRAWINGS & REQUIREMENTS.

- MAKE FINAL ELECTRICAL CONNECTIONS PER CODE.

GENERAL PLUMBING NOTES

- OTHER PLUMBING SHEETS.

- CONNECTION AND LOCATIONS REFER TO THE KITCHEN EQUIPMENT BROCHURES AND DRAWINGS
- G. ALL GAS LINES TO BE PAINTED BLACK.
- COOLED EQUIPMENT.
- IN THE ITEM AND GENERAL PRODUCT SPECIFICATIONS.
- WITH ALL AUTHORITY HAVING JURISDICTION.
- M. WALL PENETRATIONS FOR DRAIN LINES REQUIRE ESCUTCHEON PLATES.
- MAXIMUM OVERALL HEIGHT AS SHOWN.
- OTHERS OR THE CONTRACTOR.

EQUIPMENT SCHEDULE

		ELECTRICAL								PLUMBING								
						CON	NECT	SU	PPLY	WASTE								
MANUFACTURER	MODEL #	v	PH	AMP	ĸw	HP	WIRED	CORD/	P.(D.C.	SIZE	DIR	IN	IDI				
							DIR	PLUG	НОТ	COLD	1		FD					
RBO AIR	MUR-34S-N6	120	1	2.6	0.31			5-15P										
RBO AIR	JUF-48S-N	120	1	2.6	0.31			5-15P										
STOM STAINLESS STEEL	NSF APPROVED																	
STOM STAINLESS STEEL	NSF APPROVED																	
HN BOOS	PB-DISINK090905										1-1/2"							
S BRASS	B-1141								1/2"	1/2"								
	HF160-CLX									1/2"								
HN BOOS	PBHS-W-1410-P-SSLR								1/2"	1/2"	1-1/2"	Х						
STOM STAINLESS STEEL	NSF APPROVED																	
STOM STAINLESS STEEL	NSF APPROVED																	
RBO AIR	TSCS-3-23										1-1/2"							
S BRASS	B-0133-01								1/2"	1/2"								
S BRASS	B-3950																	
). SMITH	DEL-30			BY PLUM	BING CONTRA	CTOR				BY PL	UMBING	CONTR	RACTO	R				
STOM STAINLESS STEEL	NSF APPROVED																	
OWNER		120	1	5.0	0.60			Х										
OWNER		120	1	5.0	0.60			Х										
STOM STAINLESS STEEL	NSF APPROVED																	
PLUMBING CONTRACTOR																		

A. ALL ELECTRICAL ROUGH-INS SHOWN ON THIS PLAN ARE FOR FIXTURES AND EQUIPMENT SPECIFIED AS FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR, UNLESS OTHERWISE NOTED. FOR ANY ADDITIONAL CONVENIENCE OUTLETS AND POWER NEEDED FOR NON FOOD SERVICE EQUIPMENT REFER TO ALL OTHER ELECTRICAL DRAWINGS & REQUIREMENTS

B. ELECTRICAL CONTRACTOR MUST VERIFY EQUIPMENT BEING USED SO THAT THE SERVICE REQUIREMENTS ARE ADEQUATELY SIZED AND ROUGHED-IN PROPERLY (LOCATION & HEIGHT) SO AS TO MINIMIZE THE AMOUNT OF MATERIALS & FITTINGS NEEDED FOR FINAL HOOKUP RESULTING IN A NEAT AND ORDERLY LOOKING JOB. ALL DIMENSIONS FOR ITEM'S RUNNING UNDER SLAB ARE FROM CENTER LINE OF COLUMN, OR OUTSIDE EDGE OF SLAB, TO CENTER OF ROUGH-IN'S. ALL OTHER DIMENSIONS ARE FROM FACE STUD. C. ALL OUTLETS & J-BOXES ARE TO BE SET HORIZONTALLY, MOUNTED FLUSH UNLESS NOTED OTHERWISE. ALL 120V OUTLETS NOT

DESIGNATED WITH SPECIFIC LOADS, TO BE RATED AT 15 AMPS WITH MINIMUM LOOPING. D. ALL SERVICES SHOWN WITH SYMBOLS CENTERED ON FACE OF WALL SHOULD BE BROUGHT TO THAT POINT CONCEALED IN WALL AND

STUBBED OUT OF WALL CENTERED AT HEIGHT SHOWN. DO NOT STUB OUT OF FLOOR AND RUN EXPOSED UP FACE OF WALL. E. ELECTRICAL CONTRACTOR SHALL BRANCH TO CONNECTIONS WHERE REQUIRED AND CONNECT ALL ELECTRICAL EQUIPMENT, FIXTURES, INCLUDING INTERNAL WIRING REQUIRED IN FIXTURES AND APPLIANCES AS REQUIRED BY CODE, SPECIFICATIONS AND/OR

F. ALL LABOR, SWITCHES, STARTERS, DISCONNECTS & FITTINGS REQUIRED FOR FOR FINAL CONNECTION OF EQUIPMENT AS NECESSARY TO COMPLY WITH ALL CODES, INCLUDING ALL INTER WIRING TO BE FURNISHED BY ELECTRICAL CONTRACTOR UNLESS SPECIFIED

G. ALL ELECTRICAL OUTLET COVER PLATES ARE TO BE STAINLESS STEEL. THOSE REQUIRED IN BUILDING STRUCTURE ARE TO BE FURNISHED BY THE ELECTRICAL CONTRACTOR WITH RECEPTACLE. ALL MAIN BREAKER PANELS AND DISCONNECT SWITCHES REQUIRED BY OTHER ELECTRICAL DRAWINGS ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AT TIME OF

H. ELECTRICAL CONTRACTOR TO PROVIDE TIE-IN WIRING BETWEEN FIRE PROTECTION SYSTEM BOTTLE CONTROL HEAD, MICRO-SWITCH AND COOKING EQUIPMENT TO COMPLY WITH APPLICABLE LOCAL CODE REQUIREMENTS FOR EMERGENCY SHUTDOWN OF ENTIRE COOKLINE EQUIPMENT AND ELECTRICAL POWER. SHUNT TRIP CIRCUITRY MAY BE REQUIRED, REFER TO ALL OTHER ELECTRICAL

I. ALL THREE (3) PHASE POWER CONNECTIONS TO BE ON A FOUR (4) WIRE SYSTEM. ALL SINGLE (1) PHASE POWER CONNECTIONS TO BE ON A THREE (3) WIRE SYSTEM UNLESS NOTED OTHERWISE.

J. ELECTRICAL CONTRACTOR SHALL RUN CONTROL WIRING BETWEEN WALK-IN COOLERS/ FREEZERS CONDENSER & EVAPORATOR, PULL WIRES FROM WALK-INS EVAPORATOR TO PANEL, SET ONE DISCONNECT PER EACH CONDENSING UNIT, INSTALL AND WIRE EXTRA LIGHTS IN WALK-IN COOLERS AND FREEZERS AS REQUIRED THRU DOOR SWITCH, WIRE HEAT STRIP TO SAME CIRCUIT AS WALK-IN

LIGHTS AND PROVIDE WRAP AROUND HEATER CABLE ON ALL EVAPORATOR DRAIN LINES. K. ELECTRICAL CONTRACTOR TO INSTALL HOOD LIGHTING, INTERCONNECT LIGHTS WHEN MORE THAN ONE LIGHT IS PROVIDED AND

A. PLUMBING CONTRACTOR MUST VERIFY EQUIPMENT BEING USED SO THAT THE SERVICE REQUIREMENTS ARE ADEQUATELY SIZED AND ROUGHED-IN PROPERLY (LOCATION & HEIGHT), SO AS TO MINIMIZE THE AMOUNT OF MATERIALS AND FITTINGS NEEDED FOR FINAL HOOKUP RESULTING IN A NEAT & ORDERLY LOOKING JOB. ALL DIMENSIONS FOR ITEM'S RUNNING UNDER SLAB ARE FROM CENTER LINE OF COLUMN TO CENTER OF ROUGH-IN'S. ALL OTHER DIMENSIONS ARE FROM FACE OF STUD.

B. ALL PLUMBING ROUGH-INS AND REQUIREMENTS SHOWN ON THIS SHEET ARE FOR FIXTURES AND EQUIPMENT FURNISHED BY THE KITCHEN EQUIPMENT SUPPLIER, UNLESS OTHERWISE NOTED. FOR ANY ADDITIONAL BUILDING PLUMBING REQUIREMENTS REFER TO ALL

C. PLUMBING SHALL NOT INTERFERE WITH OPERATION OR FUNCTION OF EQUIPMENT. SECURE TO EQUIPMENT, WALLS OR FLOOR AS REQUIRED BY CODE. ALL ROUGH-INS SHOWN ARE TO BE RUN INSIDE WALLS, (EXCEPT STUB-UPS). LOCATIONS INDICATE POINT OF EXIT FROM WALLS. CEILING OR FLOOR. ALL FLOOR & WALL PENETRATIONS MUST BE SEALED WATER TIGHT AND VERMIN PROOF. D. ALL SERVICES SHOWN WITH SYMBOLS CENTERED ON FACE OF STUD WALL SHOULD BROUGHT TO THAT POINT CONCEALED IN WALL AND

STUBBED OUT OF WALL CENTERED AT HEIGHT SHOWN . DO NOT STUB OUT OF FLOOR AND RUN EXPOSED UP FACE OF WALL. E. PLUMBING CONTRACTOR SHALL RUN CONDENSATE LINES FROM UNITS TO DRAINS AS SHOWN, THIS LINE SHALL BE NO SMALLER THAN THE STUB OUT OF THE FIXTURE. CONDENSATE DRAIN LINES ARE TO BE INSULATED THEIR ENTIRE LENGTH. FOR SPECIFIC TYPE OF

ALL LABOR, VALVES, TRAPS, TAILPIECES, STRAINERS, WATER LINES, GAS LINES, CUT OFFS, TRAPS, HYDROSTATIC SHOCK ELIMINATORS, INDIVIDUAL SHUT OFF-VALVES, PRESSURE - REDUCING VALVES & FITTINGS REQUIRED FOR FINAL CONNECTIONS OF EQUIPMENT AS NECESSARY TO COMPLY WITH ALL CODES, INCLUDING ALL INTERCONNECTIONS, SHALL BE FURNISHED & INSTALLED BY PLUMBING CONTRACTOR UNLESS STATED OTHERWISE IN FOOD SERVICE EQUIPMENT CONTRACT OR GENERAL SPECIFICATIONS.

H. ALL FLOOR DRAINS ARE TO BE SET 1/2" BELOW FINISHED FLOOR UNLESS OTHERWISE NOTED. DO NOT SLOPE FLOORS SO CLOSE TO DRAINS AS TO CREATE "PITS" OR "DIPS" IN FLOOR. MINIMUM RADIUS OF SLOPE TO BE 24" FROM CENTERLINE OF DRAIN. I. ALL FLOOR SINKS SHOWN ARE TO BE SET FLUSH WITH FINISHED FLOOR, TRAPPED WITH LEGAL AIR GAP.

J. IF ELECTROLYSIS CONDITIONS EXIST, A DIELECTRIC COUPLING SHOULD BE USED IN FINAL PLUMBING CONNECTION TO ALL WATER

K. KITCHEN EQUIPMENT SUPPLIER TO PROVIDE ALL FAUCETS, DRAIN OUTLET FITTINGS IN FIXTURES AND SPECIALITY ITEMS AS OUTLINED L. ALL WORK RELATING TO THE INSTALLATION & HOOKUP OF THE SPECIFIED EQUIPMENT IS TO BE PERFORMED IN FULL ACCORDANCE

N. ALL SERVICES SHOWN WITH SYMBOLS AWAY FROM ANY WALL OR COLUMN SHOULD BE STUBBED OUT OF FLOOR OR CEILING TO

O. PLUMBING CONTRACTOR SHALL PROVIDE & INSTALL ALL ROUGH-INS, FINAL CONNECTIONS FOR KITCHEN EQUIPMENT FURNISHED BY

P. PLUMBING CONTRACTOR TO PROVIDE & INSTALL ALL NECESSARY BACKFLOW PREVENTION DEVICES.

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