

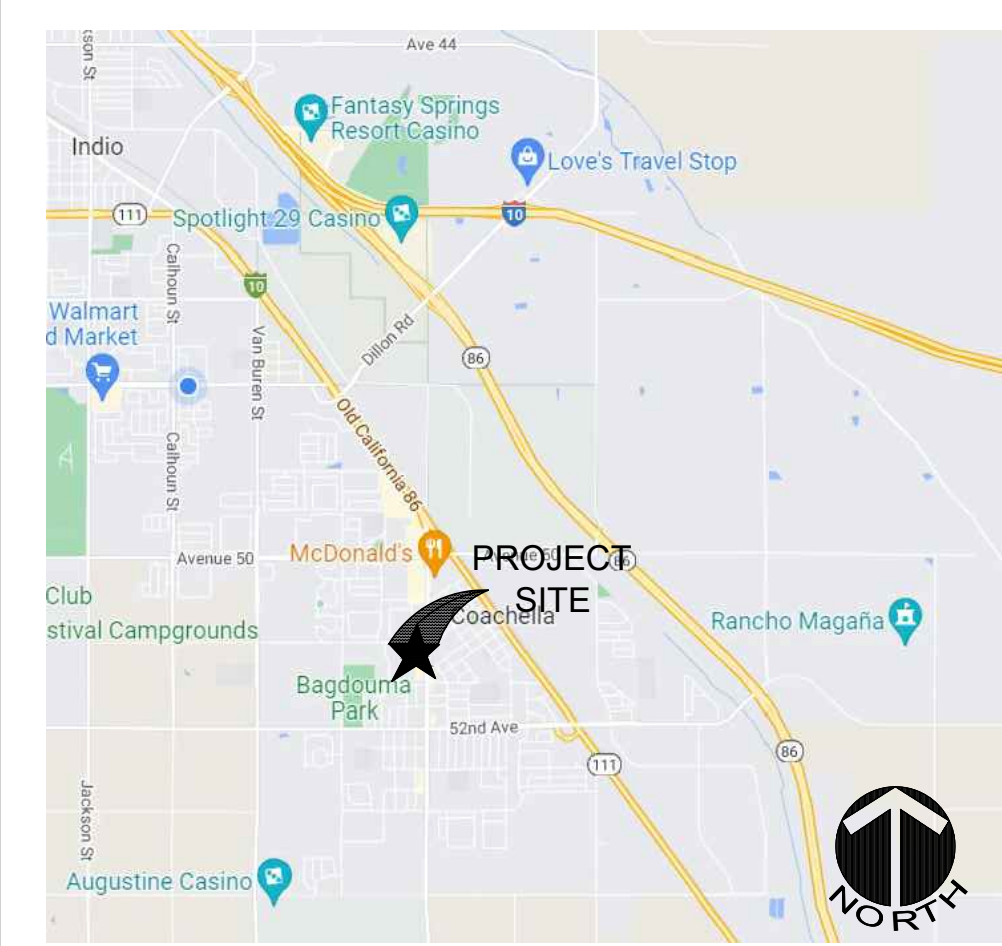
**AS-BUILT OF TENANT IMPROVEMENT & OUTDOOR PATIOS FOR:**

**MR. CLAMATO**

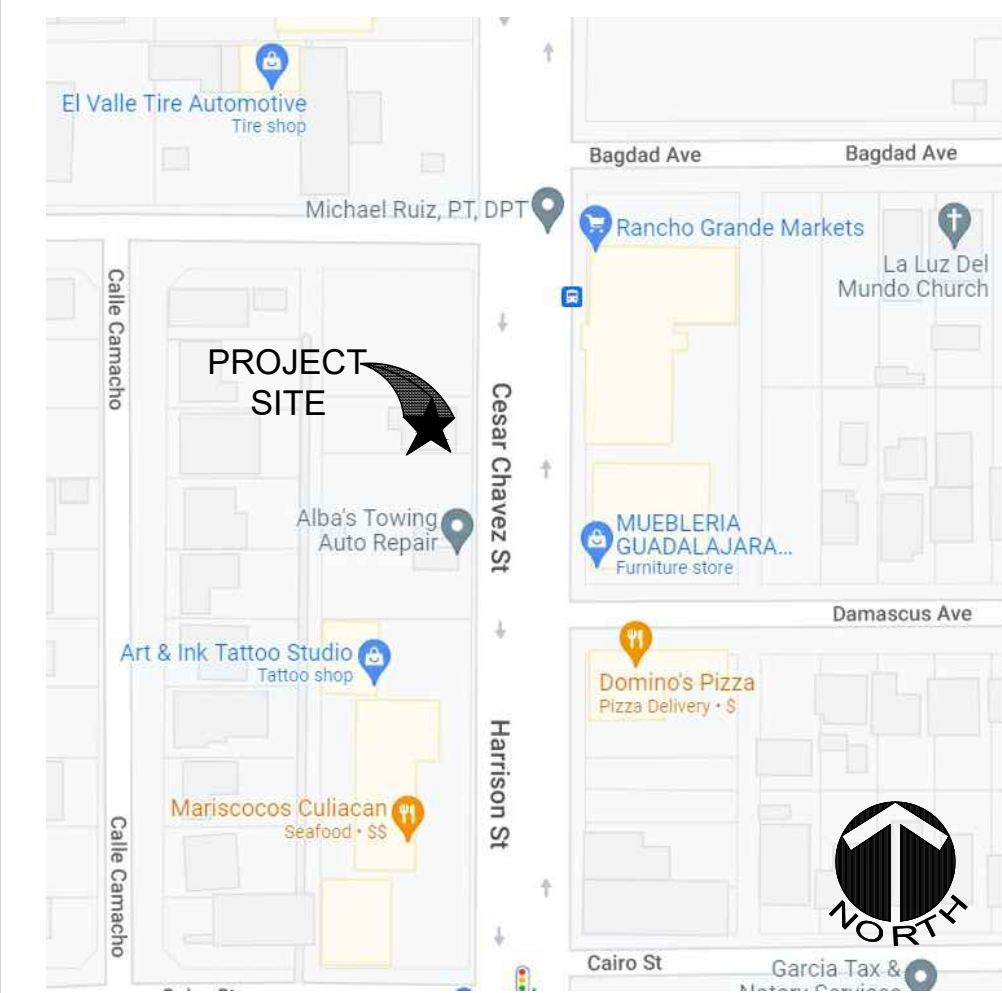
**51557 CESAR CHAVEZ ST.  
COACHELLA, CA. 92236**

**APN: 768-323-013**

**VICINITY MAP**



**VICINITY MAP**



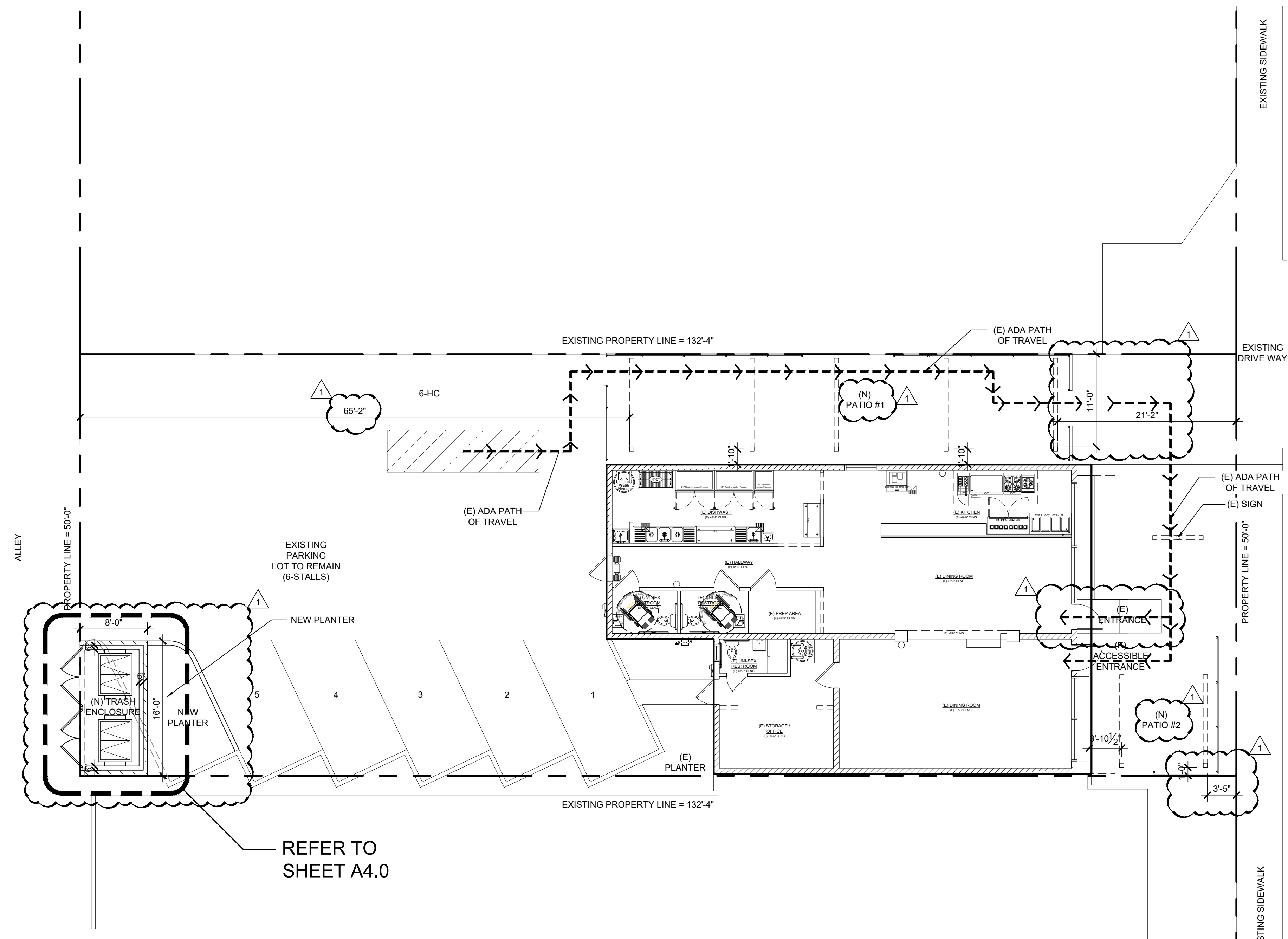
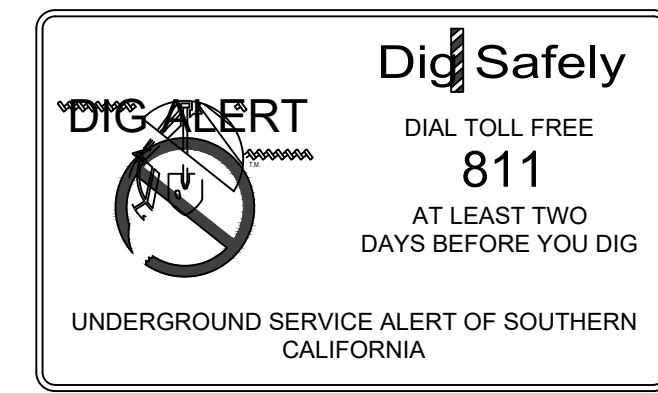
**SITE NOTES**

- ACCESSIBLE PATH OF TRAVEL: SHALL BE MINIMUM 48" WIDE FROM ARRIVAL POINT TO THE MAIN ENTRANCE TO BE A BARRIER FREE ACCESS ROUTE.
- PATH SHALL BE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2"
- CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS 5%.
- SURFACE IS STABLE, FIRM & SLIP RESISTANCE.

**UTILITY PURVEYORS**

SCHOOL DISTRICT.....	C.V.U.S.D.....	760-883-2700
WASTE WATER.....	VALLEY SANITARY DISTRICT.....	760-329-6448
GAS.....	THE GAS COMPANY.....	800-427-2200
ELECTRICITY.....	SOUTHERN CALIFORNIA EDISON.....	800-990-7788
WATER.....	INDIO WATER AUTHORITY.....	760-391-4038
TELEPHONE.....	FRONTIER.....	866-945-4714
CABLE/TELEVISION.....	SPECTRUM.....	855-811-4076
TRASH DISPOSAL.....	BURT TEC.....	760-329-5030

**DIG ALERT**



**NOTE:**  
IF ANY ACCESSIBLE COMPONENT IS NOT IN COMPLIANCE PER FIELD VERIFICATION BY THE CITY BUILDING INSPECTOR THEN IT WILL BE REQUIRED TO BE BROUGHT INTO FULL COMPLIANCE WITH CURRENT ACCESSIBILITY STANDARDS, PER CBC SECTION 107.2.5

**NOTE:**  
EXISTING SITE, NO WORK FOR REFERENCE ONLY

**EXISTING SITE PLAN**

SCALE: 1" = 40'-0"

**CONSULTANTS**

**DESIGNER:**  
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**ENGINEER:**  
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760.427.8062  
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**APPLICABLE CODES**

**APPLICABLE CODES:**

2019 CALIFORNIA BUILDING CODE,	PARTS 1 & 2
2019 CALIFORNIA RESIDENTIAL CODE,	PART 2.5
2019 CALIFORNIA ELECTRICAL CODE,	PART 3
2019 CALIFORNIA MECHANICAL CODE,	PART 4
2019 CALIFORNIA PLUMBING CODE,	PART 5
2019 CALIFORNIA ENERGY CODE,	PART 6
2019 CALIFORNIA FIRE CODE,	PART 9
2019 CALIFORNIA GREEN BUILDING STANDARD	PART 11
2019 CALIFORNIA REFERENCED STANDARDS CODE,	PART 12

ALL CONSTRUCTION SHALL COMPLY WITH THE ABOVE LISTED CODES, AND ALL OTHER LOCAL CODES AND ORDINANCES.  
\*ALL OR EQUAL SUBSTITUTIONS MUST BE SUBMITTED TO AND APPROVED BY THE BUILDING OFFICIAL PRIOR TO INSTALLATION OF THE ITEM.\*  
\*CITY OF INDIO MUNICIPAL CODE, CBC 107.2.1

**PROJECT DATA**

<b>SCOPE OF WORK:</b> TENANT IMPROVEMENT	<b>TYPE OF CONSTRUCTION:</b> V-B, NON-RATED
<b>OCCUPANCY GROUP:</b> B	<b>FIRE SPRINKLERS:</b> N/A
<b>OCCUPANT LOAD:</b> 22	<b>BUILDING HEIGHT:</b> EXISTING HEIGHT TO REMAIN
<b>APN:</b> 768-323-013	<b>BUILDING AREA:</b> TENANT IMPROVEMENT = 1,843 SQ. FT.

**PROJECT SUMMARY**

EXISTING ONE-STORY COMMERCIAL BUILDING, TENANT IMPROVEMENT IS FOR A NEW RESTAURANT BUSINESS.

DESCRIBED AS FOLLOWS:

- A. KITCHEN AREA (EXISTING EQUIPMENT)
- B. PREP AREA, RESTROOMS, DINING ROOMS (NEW TABLES)
- C. NEW FINISHES THROUGHOUT (PER HEALTH DEPARTMENT)
- D. NEW DRY STORAGE ROOM
- E. NEW OUTDOOR PATIOS

ALL EXISTING UTILITY INFRASTRUCTURE ALREADY HAS BEEN BROUGHT TO THE BUILDING. THIS CONSIST OF WATER, SEWER, HVAC UNITS W/ PLENUMS, GAS, ELECTRICAL, PHONE, & INTERNET SERVICES.

**SHEET INDEX**

NO.	SHEET DESCRIPTION
C1.0	COVER SHEET, MAP, SHEET INDEX + EXISTING SITE PLAN
A0.1	GENERAL NOTES & ABBREVIATIONS
A0.2	CAL GREEN BUILDING STANDARDS
A0.3	CAL GREEN BUILDING STANDARDS
A0.4	CAL GREEN BUILDING STANDARDS
A2.0	FLOOR PLAN
A2.1	PATIO PLANS
A3.0	SELECTED CEILING PLAN
A4.0	PATIO ELEVATIONS + TRASH ENCLOSURE
S1	FOUNDATION PLAN
S2	ROOF FRAMING PLAN

**APPROVED**  
Coachella Planning Division  
BY: gerez DATE: 09/28/2023



Approved  
Brian F Gumpert CBO

RESIDENTIAL  
DESIGNS  
• REMODELS  
• RENOVATIONS  
• SERVICES

**G D E S I G N S**

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COACHELLA, CA. 92236  
CELL: 760.835.9063

OWNER NAME AND ADDRESS  
**VICTOR LOPEZ**  
51557 CESAR CHAVEZ ST.  
COACHELLA, CA. 92236  
TEL.: (661) 808-8825

COVER SHEET, SHEET INDEX, VICINITY MAP, GENERAL NOTES AND EXISTING SITE PLAN

PROJECT NAME AND ADDRESS  
**MR. CLAMATO**  
51557 CESAR CHAVEZ ST.  
COACHELLA, CA. 92236  
A.P.N.: 768-323-013

NO.	REVISION/ISSUE	DATE
1	PLAN CHECK COMMENTS	09.28.2023

PROJECT:	SHEET
DATE: 12/21/22	<b>C1.0</b>
SCALE: AS NOTED	



## NAILING SCHEDULE

FASTENER SCHEDULE FOR STRUCTURAL MEMBERS			
ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER <sup>a,b,c</sup>	SPACING OF FASTENERS
<b>ROOF</b>			
1	BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOE NAIL	3-8d	-
2	CEILING JOIST TO PLATE, TOE-NAIL	3-8d	-
3	CEILING JOISTS NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS, FACE NAIL	3-10d	-
4	COLLAR TIE TO RAFTER, FACE NAIL OR 1 1/4"x20 GAGE RIDGE STRAP	3-10d	-
5	RAFTER OR ROOF TRUSS TO PLATE, TOE NAIL	3-16d BOX NAILS	2 TOE NAILS ON ONE SIDE AND 1 TOENAIL ON OPPOSITE SIDE OF EACH RAFTER OR TRUSS
6	ROOF RAFTERS TO RIDGE, VALLEY, OR HIP RAFTERS: TOE NAIL FACE NAIL	4-16d 3-16d	-
<b>WALL</b>			
7	BUILT-UP STUDS - FACE NAIL	10d	24" O.C.
8	ABUTTING STUDS AT INTERSECTING WALL CORNERS - FACE NAIL	16d	12" O.C.
9	BUILT-UP HEADER, TWO PIECES WITH 1/2" SPACER	16d	16" O.C. ALONG EACH SIDE
10	CONTINUED HEADER, TWO PIECES	16d	16" O.C. ALONG EACH SIDE
11	CONTINUOUS HEADER TO STUD, TOE NAIL	4-8d	-
12	DOUBLE STUDS, FACE NAIL	10d	24" O.C.
13	DOUBLE TOP PLATES, FACE NAIL	10d	24" O.C.
14	DOUBLE TOP PLATES, MINIMUM 24-INCH OFFSET OF END JOINTS, FACE NAIL IN LAPPED AREA	8-16d	-
15	SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	16d	16" O.C.
16	SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANELS	3-16d	16" O.C.
17	STUD TO SOLE PLATE, TOE NAIL	3-8d OR 2-16d	-
18	TOP OR SOLE PLATE TO STUD, END NAIL	2-16d	-
19	TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS, FACE NAIL	2-10d	-
20	1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d, 2 STAPLES 1 3/4"	-
21	1" x 6" SHEATHING TO EACH BEARING, FACE NAIL	2-8d, 2 STAPLES 1 3/4"	-
22	1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	2-8d, 3 STAPLES 1 3/4"	-
23	WIDER THAN 1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	3-8d, 4 STAPLES 1 3/4"	-
<b>FLOOR</b>			
24	JOIST TO SILL OR GIRDER, TOE NAIL	3-8d	-
25	RIM JOIST TO TOP PLATE, TOE NAIL (ROOF APPLICATIONS ALSO)	8d	6" O.C.
26	RIM JOIST OR BLOCKING TO SILL PLATE, TOE NAIL	8d	6" O.C.
27	1" x 6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8d, 2 STAPLES 1 3/4"	-
28	2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16d	-
29	2" PLANKS, (PLANK & BEAM - FLOOR & ROOF)	2-16d	AT EACH BEARING
30	BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS	10d	-
31	LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	3-16d	AT EACH JOIST OR RAFTER

ITEM	DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER <sup>b,c</sup>	SPACING OF FASTENERS	
			EDGES (INCHES) <sup>d</sup>	INTERMEDIATE SUPPORTS <sup>e,f</sup> (INCHES)
WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLE BOARD WALL SHEATHING TO FRAMING				
32	3/8" - 1/2"	6d COMMON NAIL (SUBFLOOR WALL) <sup>1</sup> 8d COMMON NAIL (ROOF) <sup>1</sup>	6	12 <sup>g</sup>
33	19/32" - 1"	8d COMMON NAIL	6	12 <sup>g</sup>
34	1 1/8" - 1 1/4"	10d COMMON NAIL OR 8d DEFORMED NAIL	6	12
OTHER WALL SHEATHING <sup>h</sup>				
35	1/2" STRUCTURAL CELLULOSE FIBERBOARD SHEATHING	1 1/2" GALVANIZED ROOFING NAIL, 7/16" CROWN OR 1" CROWN STAPLE 16 GA., 1 1/4" LONG	3	6
36	25/32" STRUCTURAL CELLULOSE FIBERBOARD SHEATHING	1 3/4" GALVANIZED ROOFING NAIL, 7/16" CROWN OR 1" CROWN STAPLE 16 GA., 1 1/2" LONG	3	6
37	1/2" GYPSUM SHEATHING <sup>d</sup>	1 1/2" GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1 1/2" LONG; 1 1/4" SCREWS, TYPE W OR S	7	7
38	5/8" GYPSUM SHEATHING <sup>d</sup>	1 3/4" GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1 5/8" LONG; 1 5/8" SCREWS, TYPE W OR S	7	7
WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING				
39	3/4" OR LESS	6d DEFORMED NAIL OR 8d COMMON NAIL	6	12
40	7/8" - 1"	8d COMMON NAIL OR 8d DEFORMED NAIL	6	12
41	1 1/8" - 1 1/4"	10d COMMON NAIL OR 8d DEFORMED NAIL	6	12

THIS SCHEDULE CONFORMS TO CRC SECTION R602.3(1) FASTENING SCHEDULE

**NOTES:**

a. ALL NAILS ARE SMOOTH-COMMON, BOX OR DEFORMED SHANKS EXCEPT WHERE OTHERWISE STATED. NAILS USED FOR FRAMING AND SHEATHING CONNECTIONS SHALL HAVE MINIMUM AVERAGE BENDING YIELD STRENGTHS AS SHOWN: 80 KSI FOR SHANK DIAMETER OD 0.192 INCH (20d COMMON NAIL), 90 KSI FOR SHANK DIAMETERS LARGER THAN 0.142 INCH BUT NOT LARGER THAN 0.177 INCH, AND 100 KSI FOR SHANK DIAMETERS OF 0.142 INCH OR LESS.

b. STAPLES ARE 16 GAGE WIRE AND HAVE A MINIMUM 7/16" INCH ON DIAMETER CROWN WIDTH.

c. NAILS SHALL BE SPACED NOT MORE THAN 6 INCHES ON CENTER AT ALL SUPPORTS WHERE SPANS ARE 48 INCHES OR GREATER.

d. FOUR-FOOT-BY-8-FOOT OR 4-FOOT-BY-9-FOOT PANELS SHALL BE APPLIED VERTICALLY.

e. SPACING OF FASTENERS NOT INCLUDED IN THIS TABLE SHALL BE BASED ON TABLE R602.3(2).

f. FOR REGIONS HAVING BASIC WIND SPEED OF 110 MPH OR GREATER, 8d DEFORMED NAILS SHALL BE USED FOR ATTACHING PLYWOOD AND WOOD STRUCTURAL PANEL ROOF SHEATHING TO FRAMING WITHIN MINIMUM 48-INCH DISTANCE FROM GABLE END WALLS, IN MEAN ROOF HEIGHT IS MORE THAN 25 FEET, UP TO 35 FEET MAXIMUM.

g. FOR REGIONS HAVING BASIC WIND SPEED OF 100 MPH OR LESS, NAILS FOR ATTACHING WOOD STRUCTURAL PANEL WOOD SHEATHING TO GABLE END WALL FRAMING SHALL BE SPACED 6 INCHES ON CENTER. WHEN BASIC WIND SPEED IS GREATER THAN 100 MPH, NAILS FOR ATTACHING PANEL ROOF SHEATHING TO INTERMEDIATE SUPPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE FROM RIDGES, EAVES, AND GABLE END WALLS; AND 4 INCHES ON CENTER TO GABLE END WALL FRAMING.

h. GYPSUM SHEATHING SHALL CONFORM TO ASTM C 1396 AND SHALL BE INSTALLED IN ACCORDANCE WITH GA 253. FIBERBOARD SHEATHING SHALL CONFORM TO ASTM C 208.

i. SPACING OF FASTENERS ON FLOOR SHEATHING PANEL EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND REQUIRED BLOCKING AND AT ALL PERIMETERS ONLY. SPACING OF FASTENERS ON ROOF SHEATHING PANEL EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND REQUIRED BLOCKING. BLOCKING OF ROOF OR FLOOR SHEATHING PANEL EDGES PERPENDICULAR TO THE FRAMING MEMBERS NEED NOT BE PROVIDED EXCEPT AS REQUIRED BY OTHER PROVISIONS OF THIS CODE. FLOOR PERIMETER SHALL BE SUPPORTED BY FRAMING MEMBERS OR SOLID BLOCKING.

j. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE, PROVIDE TWO TOE NAILS ON ONE SIDE OF THE RAFTER AND TWO NAILS FROM THE CEILING JOIST TO TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE. THE TOE NAIL ON THE OPPOSITE SIDE OF THE RAFTER SHALL NOT BE REQUIRED.

## ABBREVIATIONS

A/C	AIR-CONDITIONING	RAD	RADIUS
AB	ANCHOR BOLT	REF	REFER. REFERENCE
ABV	ABOVE	REFR	REFRIGERATOR
ADA	AMERICANS WITH DISABILITIES	REQ	REQUIREMENT
		REQD	REQUIRED
AL	ALUMINUM	REV	REVISION(S)
ANOD	ANODIZED	RH	RIGHT HAND
APPROX	APPROXIMATE(LY)	RM	ROOM
BRD	BOARD	RO	ROUGH OPENING
BEL	BELOW	RWD	REDWOOD
BET	BETWEEN	S	SOUTH
BLDG	BUILDING	S&P	SELF-POLE
BLCK	BLOCKING	SA	SUPPLY AIR
BM	BEAM	SCHD	SCHEDULE
CAB	CABINET	SEC	SECOND
CBC	CALIFORNIA BUILDING CODE	SECT	SECTION
CRC	CALIFORNIA RESIDENTIAL CODE	SF	SQUARE FOOT/FEET
CI	CAST IRON	SG	SEMI-GLOSS
CJ	CONTROL JOINT	SHT	SHEET
CL	CENTERLINE	SHTHG	SHEATHING
CLF	CHAIN LINK FENCE	SIM	SIMILAR
CLG	CEILING	SJ	SEISMIC JOINT
CLR	CLEAR(ANCE)	ST	STEEL
CMU	CONCRETE MASONRY UNIT	STD	STANDARD
CNT	COUNT	STRUCT	STRUCTURAL
CO	CASED OPENING	SUSP	SUSPENDED
COL	COLUMN	SYM	SYMMETRY(CAL)
CONC	CONCRETE	T	TREAD
CONST	CONSTRUCTION	T&G	TONGUE AND GROOVE
CONT	CONTINUOUS	TBD	TO BE DETERMINED
CT	CERAMIC TILE	TBL	TABLE
CRPT	CARPET	THK	THICKNESS
DEPT	DEPARTMENT	TOC	TOP OF CONCRETE, TOP OF CURB
DF	DRINKING FOUNTAIN	TOPP	TOP OF PARAPET
DIA	DIAMETER	TOS	TOP OF STEEL, TOP OF SHEATHING
DIM	DIMENSION	TOW	TOP OF WALL
DK	DARK	TS	TUBE STEEL
DN	DOWN	TYP	TYPICAL
DO	DITTO	UNF	UNFINISHED
DR	DOOR	UNO	UNLESS NOTED OTHERWISE
DWG	DRAWING	VERT	VERTICAL
		VT	VINYL
(E)	EXISTING	W	WEST, W SHAPE
ELJ	EXPANSION JOINT	WI	WITH
ELEV	ELEVATION	WC	WATER CLOSET
ELECTE	ELECTRICAL	W/O	WITHOUT
EQ	EQUAL	WP	WATERPROOFING
EQUIP	EQUIPMENT		
EWH	ELECTRIC WATER HEATER		
EXH	EXHAUST		
EXP	EXPOSED, EXPANSION		
EX	EXISTING		
EXT	EXTERIOR		
FAST	FASTEN, FASTENER		
FD	FLOOR DRAIN		
FE	FIRE EXTINGUISHER		
FEC	FIRE EXTINGUISHER CABINET		
FF	FINISHED FLOOR		
FIN	FINISH(ED)		
FIXT	FIXTURE(S)		
FLR	FLOOR(ING)		
FLUOR	FLUORESCENT		
FOF	FACE OF CONCRETE		
FOF	FACE OF FINISH		
FOM	FACE OF MASONRY		
FOS	FACE OF STUDS		
FS	FLOOR SINK		
FTG	FEET, FOOT		
GA	GAGE, GAUGE		
GALV	GALVANIZED		
GI	GALVANIZED IRON		
GR	GRADE		
GYP	GYPSUM		
HDR	HEADER		
HDWR	HARDWARE		
HP	HIGH POINT		
HORIZ	HORIZONTAL		
HM	HOLLOW METAL		
HR	HOUR		
HT	HEIGHT		
HVAC	HEATING/AIR-CONDITIONING		
IN	INCH, INCHES		
INT	INTERIOR		
JT	JOINT		
L	ANGLE		
LAM	LAMINATED		
LAV	LAVATORY		
LB	POUND		
LBL	LABEL		
LBS	POUNDS		
LED	LIGHT EMITTING DIODE		
LF	LINEAR FOOT/FEET		
LH	LEFT HAND		
LN	LINE		
LP	LOW POINT		
LT	LIGHT		
MATL	MATERIAL		
MAX	MAXIMUM		
MBR	MEMBER		
MECH	MECHANICAL		
MED	MEDIUM		
MFR	MANUFACTURE(R)		
MIN	MINIMUM		
MISC	MISCELLANEOUS		
MM	MILLIMETER		
MNT	MOUNT		
MTL	METAL		
N	NORTH		
(N)	NEW		
N/A	NOT APPLICABLE/NOT AVAILABLE		
NIC	NOT IN CONTRACT		
NO	NUMBER		
NOM	NOMINAL		
NTS	NOT TO SCALE		
O/	OVER		
OC	ON CENTER		
OH	OVERHANG		
OPP	OPPOSITE		
PERF	PERFORATED		
PL	PLATE, PROPERTY LINE		
PLAM	PLASTIC LAMINATE		
PLAS	PLASTIC		
PLF	POUNDS PER LINEAR FOOT		
PLUMB	PLUMBING		
POC	POINT OF CONNECTION		
PR	PAIR		
PROP	PROPERTY		
PSF	POUNDS PER SQUARE FOOT		
PSI	POUNDS PER SQUARE INCH		
PT	PAINT		
PVC	POLY VINYL CHLORIDE		
PLWD	PLYWOOD		
QTY	QUANTITY		
QUAL	QUALITY		
R	RISER		
RA	RETURN AIR		

## GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN CONFORM TO THE FOLLOWING CODES:  
2019 CALIFORNIA RESIDENTIAL CODE, PART 2.5  
2019 CALIFORNIA BUILDING CODE, PART 2, 1 & 2  
2019 CALIFORNIA ELECTRICAL CODE, PART 3  
2019 CALIFORNIA MECHANICAL CODE, PART 4  
2019 CALIFORNIA PLUMBING CODE, PART 5  
2019 CALIFORNIA ENERGY CODE, PART 6  
2019 CALIFORNIA FIRE CODE, PART 9  
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL THE DRAWINGS BEFORE PROCEEDING WITH THE INSTALLATION OF STRUCTURAL, MECHANICAL, ELECTRICAL, OR FINISH WORK. IF THERE ARE ANY DISCREPANCIES IN THE DRAWINGS, IT SHALL BE BROUGHT TO THE DESIGNERS ATTENTION FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK IN QUESTION. ANY WORK INSTALLED IN CONFLICT WITH THE DRAWINGS SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR AND AT NO ADDITIONAL COST TO THE OWNER OR THE DESIGNER.
- DO NOT SCALE THE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD BEFORE PROCEEDING WITH WORK. THE DESIGNER SHALL BE NOTIFIED OF ANY DISCREPANCIES IN WRITING FOR CLARIFICATION PRIOR TO PROCEEDING WITH SAID WORK.
- THE CONTRACTOR SHALL, IN CONJUNCTION WITH OTHER TRADES, PROVIDE ALL CUTTING, PATCHING, REPAIRING, RESTORING AND THE LIKE NECESSARY TO COMPLETE THE WORK AND RESTORE ANY DAMAGED OR AFFECTED SURFACES RESULTING FROM THE WORK OF THIS CONTRACT TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER AND THE DESIGNER.
- ALL EXTERIOR WALL OPENINGS, FLASHING, COUNTERFLASHING, EXPANSION JOINTS, SHALL BE CONSTRUCTED IN SUCH A MANNER AS TO MAKE THEM WATERPROOF.
- PROVIDE ELECTROLYTIC ISOLATION BETWEEN DISSIMILAR METALS.
- ANY STEEL SHOP DRAWINGS SHALL BE SUBMITTED, REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER AND DESIGNER, PRIOR TO ANY FABRICATION OR INSTALLATION.
- THE GENERAL CONTRACTOR SHALL COORDINATE SITE UTILITIES (PLUMBING, ELECTRICAL, TELEPHONE AND UNDERGROUND WORK, IF REQUIRED).
- ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE, FACE OF MASONRY, CENTERLINE OF STEEL, BEAMS OR COLUMNS, (UNLESS NOTED OTHERWISE).
- FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE SLAB. (UNLESS NOTED OTHERWISE).
- THE GENERAL CONTRACTOR SHALL COORDINATE FRAMING MEMBERS, THEY SHALL BE SPACED TO PERMIT INSTALLATION OF REQUIRED PIPING / CONDUITS PER CODE. THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACES AND BLOCKING AS REQUIRED FOR A COMPLETE INSTALLATION. THIS INCLUDES ALL BACKING PLATES FOR RAILINGS, CASEWORK, TOILET ROOM ACCESSORIES, MECHANICAL, PLUMBING, ELECTRICAL OR MISCELLANEOUS EQUIPMENT, IF REQUIRED.
- THE REUSE OF ORIGINAL OR ALTERED DRAWINGS, BY THE OWNER, AGENTS FOR THE OWNER, OR OTHER PARTIES WITHOUT THE WRITTEN APPROVAL OF THE DESIGNER IS PROHIBITED. THE CONTRACTOR AGREES TO DEFEND, INDEMNIFY AND HOLD HARMLESS THE DESIGNER FROM ALL CLAIMS, INJURIES, DAMAGES, LOSSES, EXPENSES AND ATTORNEY FEES ARISING OUT OF THE REUSE OF THESE DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, MATERIALS, TECHNIQUES, SEQUENCES OR PROCEDURES AND THE SAFETY PRECAUTIONS/PROGRAMS IN CONNECTION WITH THE WORK. THE DESIGNER DOES NOT GUARANTEE THE CONTRACTOR'S PERFORMANCE. IN NO CASE, DO THESE CONTRACT DOCUMENTS RELIEVE THE GENERAL CONTRACTOR FROM ANY LIABILITY DUE TO NEGLIGENCE, INCOMPETENCE OR ERRORS OF OMISSION.
- THE DESIGNER PREPARING THESE CONSTRUCTION DOCUMENTS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO THESE DOCUMENTS. ALL CHANGES TO THESE DOCUMENTS MUST BE SUBMITTED IN WRITING AND THE APPROPRIATE DOCUMENTS.
- DEMOLITION CANNOT BE STARTED WITHOUT OBTAINING WRITTEN NOTICE TO PROCEED FROM THE CITY/COUNTY OF SAID PROJECT.
- DISPOSE OF DEBRIS, RUBBISH, ETC., AS REQUIRED BY CODE. LEAVE THE WORK AREAS BROOM SWEEP CLEAN ON A DAILY BASIS.
- TEMPORARY SANITARY TOILET FACILITIES SHALL BE PROVIDED BY THE GENERAL CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- BATHROOM ACCESSORIES SUCH AS GRAB BARS, TOWEL BARS, SOAP DISHES, ETC. WITH IN WALLS SHALL BE SEALED AGAINST MOISTURE PER C.R.C.
- UNLESS NOTED OTHERWISE, EXTERIOR CEMENT PLASTER APPLICATION SHALL CONSIST OF A 3-COAT PROCESS PER C.R.C. THE CONTRACTOR SHALL PROVIDE A LATH BASE USING "RIB-LATH" WHERE REQUIRED TO PREVENT SAGGING. THE PLASTER IS TO BE APPLIED USING THE FOLLOWING:  
1. SCRATCH COAT 2. BROWN COAT 3. FINISH COAT PLASTER APPLICATION SHALL BE 7/8" MIN.
- "ALL" OR "EQUAL" SUBSTITUTIONS MUST BE SUBMITTED TO, AND APPROVED BY THE BUILDING OFFICIAL PRIOR TO INSTALLATION OF THE ITEM.

NOTE: SHOW COMPLIANCE WITH THE FOLLOWING TABLE FOR NEW / REPLACED FIXTURES, PER CGC 4.303.1

FIXTURE FLOW RATES	
FIXTURE TYPE	MAXIMUM FLOW RATE
WATER CLOSETS	1.28 GALLONS/FLUSH
URINALS (WALL-MOUNT)	0.125 GALLONS/FLUSH
URINALS (OTHERS)	0.5 GALLONS/FLUSH
SHOWERHEADS	1.8 GPM @ 80 PSI
LAVATORY FAUCETS	1.2 GPM @ 60 PSI <sup>1</sup>
KITCHEN FAUCETS	1.8 GPM @ 60 PSI
METERING FAUCETS	25 GALLONS PER CYCLE
1. LAVATORY FAUCETS SHALL NOT HAVE A FLOW RATE LESS THAN 0.8 GPM AT 20 PSI.	

## FIRE NOTES

- FIRE BLOCKS AND DRAFT STOP:  
FIRE BLOCKS SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS:
- IN CONCEALED SPACES OF STUD WALL AND PARTITIONS, INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS AND AT 10 FOOT INTERVALS BOTH VERTICAL AND HORIZONTAL.
  - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING AND COVE CEILING.
  - FIRE BLOCK CONSTRUCTION:  
FIRE BLOCKING SHALL CONSIST OF 2 INCHES NOMINAL LUMBER OR TWO THICKNESSES OF 1 INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS OR ONE THICKNESSES OF 23/32 INCH WOOD STRUCTURAL PANEL OR ONE THICKNESS OF 1/2 INCH TYPE 2-M PARTICLE BOARD WITH JOINTS BACKED BY 1/2 INCH TYPE 2-M PARTICLE BOARD. FIRE BLOCKS MAY ALSO BE OF GYPSUM BOARD, CEMENT ASBESTOS BOARD, MINERAL FIBER, GLASS FIBER OR OTHER APPROVED MATERIALS SECURELY FASTENED IN PLACE LOOSEFILL INSULATION MATERIAL SHALL NOT BE USED AS A FIRE BLOCK UNLESS SPECIFICALLY FIRE TESTED.
  - PROVIDE FIRE BLOCKING AT ALL INTERSECTIONS BETWEEN CONCEALED & HORIZONTAL SPACES SUCH AS SOFFITS, ROOFS OR CEILING.
  - INSULATION SHALL HAVE A FLAME SPREAD INDEX RATING OF 25 AND SHALL HAVE A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450. (CRC R302.10.1)
  - INSTALLATION OF ROOFING MATERIAL SHALL BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND THE CRC CHAPTER 9.
  - THE UNVENTED ATTIC ASSEMBLY FOR THE ADDITION IS PERMITTED BECAUSE ALL CRITERIA OF SECTION (R806.5) IS BEING MET. CONDITIONS 1 & 2 ARE MET. CONDITIONS 3 & 4 ARE N/A. CONDITION 5.1 IS ALSO BEING MET. USE NEW R-38 MIN. ICYVENE LD-C50 AIR-IMPERMEABLE INSULATION. SPACE IS UNVENTED. ICC-ES ESR-1828.
- NOTES  
ALL INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. PROVIDE FIRE BLOCKING AT ALL INTERSECTIONS BETWEEN CONCEALED & HORIZONTAL SPACES SUCH AS SOFFITS, ROOFS OR CEILING
- INDIO FIRE SERVICES PLAN REVIEW ENCOMPASSES THE ARCHITECTURAL PLANS ONLY. FIRE SPRINKLER SYSTEM, FIRE ALARM SYSTEM, UNDERGROUND FIRE PROTECTION MAIN, HYDRANTS, MANUAL AND AUTOMATIC GATE SYSTEMS AND BARRICADES OR ANY OTHER FIRE PROTECTION SYSTEM OR REQUIRED FIRE DEPARTMENT PERMITS REQUIRES A SEPARATE DEFERRED PLAN SUBMITTAL AND ARE NOT ENCOMPASSED IN THIS PLAN REVIEW OR APPROVAL.
  - THE FIRE SPRINKLER SYSTEM WITHIN THE BUILDING OR TENANT SPACE WAS APPROVED FOR THE ORIGINAL OCCUPANCY AND LAYOUT OF THE BUILDING. THE FIRE SPRINKLER SYSTEM MAY HAVE TO BE MODIFIED IN ACCORDANCE WITH NFPA 13 AND ALL OTHER APPLICABLE CODES. A LICENSED C-16 CONTRACTOR SHALL DO THE FIRE SPRINKLER WORK. PLANS SHALL BE SUBMITTED WITH CURRENT FEE TO INDIO FIRE SERVICES FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. A COPY OF THE CURRENT CONTRACTOR LICENSE SHALL BE PROVIDED UPON REQUEST.
  - THE FIRE ALARM SYSTEM WITHIN THE BUILDING OR TENANT SPACE WAS APPROVED WITH THE ORIGINAL OCCUPANCY AND LAYOUT OF THE BUILDING. THE FIRE ALARM SYSTEM WILL HAVE TO BE MODIFIED. A LICENSED C-10 CONTRACTOR SHALL PERFORM THE REQUIRED WORK. PLANS MUST BE SUBMITTED WITH CURRENT FEE TO INDIO FIRE SERVICES FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. A COPY OF THE CURRENT CONTRACTOR LICENSE SHALL BE PROVIDED UPON REQUEST.
  - BUILDING ADDRESSING SHALL ALWAYS COMPLY WITH INDIO FIRE SERVICES REQUIREMENTS AND BE CLEARLY VISIBLE. AN APPROVED TEMPORARY ADDRESS SIGN SHALL ALWAYS BE POSTED DURING THE CONSTRUCTION OF THE PROJECT.
  - PRIOR TO FINAL APPROVAL, ADDITIONAL CONSTRUCTION/ANNUAL OPERATIONAL PERMITS MAY BE REQUIRED BY INDIO FIRE SERVICES. PERMIT APPLICATION REQUIRED DOCUMENTS AND FEES SHALL BE SUBMITTED PRIOR TO OCCUPANCY. CONTACT INDIO FIRE SERVICES AT 760-347-0756 FOR MORE INFORMATION.
  - PRIOR TO OCCUPANCY A CITY OF INDIO BUSINESS LICENSE IS REQUIRED.
  - COMPLY WITH CALIFORNIA CODE OF REGULATION TITLE 19 AND 24 OF THE CALIFORNIA ADMINISTRATIVE CODE FOR STATE FIRE MARSHAL REQUIREMENTS.
  - EXIT DESIGNS, EXIT SIGNAGE (INCLUDING TACTILE), EXIT DOORS, DOOR LOCKS AND PANIC HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE.
  - AN APPROVED ROOM OCCUPANCY LOAD SIGN SHALL BE POSTED IN A CONSPICUOUS PLACE NEAR THE MAIN EXIT FROM ROOM(S). THE LOCATION SHALL BE APPROVED BY INDIO FIRE SERVICES. POSTING SHALL BE BY MEANS OF A DURABLE SIGN HAVING A CONTRASTING COLOR FROM THE BACKGROUND TO WHICH IT IS ATTACHED. SIGNS SHALL BE AN APPROVED TYPE AND SHALL BE MAINTAINED IN A LEGIBLE MANNER BY THE OWNER. NO PERSON SHALL DEFACE, REMOVE OR CHANGE THE OCCUPANT LOAD ON SIGNS EXCEPT AS AUTHORIZED BY THE CODE OFFICIAL. CONTACT INDIO FIRE SERVICES AT 760-347-0756 FOR SIGN DESIGN SPECIFICS.
  - ELECTRICAL ROOM DOORS IF APPLICABLE SHALL BE POSTED INSIDE ELECTRICAL ROOM AND ON THE OUTSIDE OF THE DOOR WITH AN APPROVED SIGN.
  - PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED PER CALIFORNIA FIRE CODE CHAPTER 9 SECTION 906.
  - IT IS PROHIBITED TO USE/PROCESS OR STORE ANY MATERIAL IN THIS BUILDING THAT WOULD CLASSIFY IT AS HAZARDOUS OCCUPANCY PER CALIFORNIA BUILDING CODE.
  - TENANT SUITE KEY(S) SHALL BE PROVIDED, IDENTIFIED AND PLACED IN THE BUILDINGS EMERGENCY ACCESS KNOX BOX FOR FIRE DEPARTMENT RAPID ACCESS PRIOR TO FINAL INSPECTION.
  - FLAME RETARDANT CERTIFICATION BY APPLICATOR AND CALIFORNIA STATE FIRE MARSHAL LISTING IS REQUIRED FOR ALL DRAPES, HANGINGS, DECORATIVE MATERIALS BY INDIO FIRE SERVICES AND THEY MUST HAVE CURRENT CSFM (CALIFORNIA STATE FIRE MARSHAL) APPROVAL TAG AFFIXED TO EACH ITEM OR PANEL.
  - ALL FIRE PROTECTION SYSTEMS WILL REQUIRE INSPECTIONS BY INDIO FIRE SERVICES. ROUGH INSPECTIONS SHALL BE REQUIRED BEFORE COMPONENTS CAN BE COVERED. SPECIFIC FIRE PROTECTION SYSTEM CONTRACTORS SHALL CONTACT INDIO FIRE SERVICES DIRECTLY 48 HOURS PRIOR TO SCHEDULED INSPECTION DATE BY CALLING 760-347-0756.
  - INDIO FIRE SERVICES FIRE AND LIFE SAFETY OCCUPANCY FINAL INSPECTION REQUIRED. APPOINTMENTS SHALL BE MADE 48 HOURS PRIOR TO THE SCHEDULED INSPECTION DATE BY CALLING 760-347-0756. INSPECTION INCLUDES BUT NOT LIMITED TO: FIRE EXTINGUISHERS, SIGNAGE (INCLUDING TACTILE), ADDRESSING, DOOR HARDWARE, LABELED BUILDING ACCESS KEYS, MEANS OF EGRESS, EMERGENCY AND EXIT LIGHTING.
  - THE BUILDING CONSTRUCTION JOB CARD AND APPROVED PLANS MUST BE AT THE JOB SITE AND MADE AVAILABLE TO INDIO FIRE SERVICES FOR INSPECTION DOCUMENTATION OF ALL INSPECTIONS. FAILURE TO PROVIDE REQUIRED DOCUMENTATION WILL RESULT IN CANCELLATION OF INSPECTION AND WILL INCUR ADDITIONAL INSPECTION FEES.
  - NOTHING IN INDIO FIRE SERVICES REVIEW SHALL BE CONSTRUED AS ENCOMPASSING STRUCTURAL INTEGRITY. REVIEW OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM ALL APPLICABLE REGULATIONS. FINAL FIELD INSPECTION SHALL VERIFY ALL REQUIREMENTS. ALL QUESTIONS REGARDING THE MEANING OF THE CODE REQUIREMENTS SHOULD BE REFERRED TO INDIO FIRE SERVICES AT 760-347-0756.









# 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

## NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2020, Includes August 2019 Supplement)

Y N/A RESPON. PARTY  
 YES NOT APPLICABLE  
 RESPONSIBLE PARTY (i.e. DESIGNER, ENGINEER, OWNER, CONTRACTOR, INSPECTOR, ETC.)

Y	N/A	RESPON. PARTY	SECTION	Y	N/A	RESPON. PARTY	SECTION	Y	N/A	RESPON. PARTY	SECTION	Y	N/A	RESPON. PARTY	SECTION
			<p><b>5.303.3.4 Faucets and fountains.</b></p> <p><b>5.303.3.4.1 Nonresidential Lavatory faucets.</b> Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.</p> <p><b>5.303.3.4.2 Kitchen faucets.</b> Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.</p> <p><b>5.303.3.4.3 Wash fountains.</b> Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [rim space (inches)] at 60 psi.</p> <p><b>5.303.3.4.4 Metering faucets.</b> Metering faucets shall not deliver more than 0.20 gallons per cycle.</p> <p><b>5.303.3.4.5 Metering faucets for wash fountains.</b> Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches)] at 60 psi.</p> <p><b>Note:</b> Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.</p>				<p><b>SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT</b></p> <p><b>5.407.1 WEATHER PROTECTION.</b> Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.</p> <p><b>5.407.2 MOISTURE CONTROL.</b> Employ moisture control measures by the following methods.</p> <p><b>5.407.2.1 Sprinklers.</b> Design and maintain landscape irrigation systems to prevent spray on structures.</p> <p><b>5.407.2.2 Entries and openings.</b> Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:</p> <p><b>5.407.2.2.1 Exterior door protection.</b> 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:</p> <ol style="list-style-type: none"> <li>An installed awning at least 4 feet in depth.</li> <li>The door is protected by a roof overhang at least 4 feet in depth.</li> <li>The door is recessed at least 4 feet.</li> <li>Other methods which provide equivalent protection.</li> </ol> <p><b>5.407.2.2.2 Flashing.</b> Install flashings integrated with a drainage plane.</p>				<p><b>5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over.</b> 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 verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated by the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.</p> <p><b>Note:</b> 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</p> <p>Commissioning requirements shall include:</p> <ol style="list-style-type: none"> <li>Owner's or Owner representative's project requirements.</li> <li>Basis of design.</li> <li>Commissioning measures shown in the construction documents.</li> <li>Commissioning plan.</li> <li>Functional performance testing.</li> <li>Documentation and training.</li> <li>Commissioning report.</li> </ol> <p><b>Exceptions:</b></p> <ol style="list-style-type: none"> <li>Unconditioned warehouses of any size.</li> <li>Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses.</li> <li>Tenant improvements less than 10,000 square feet as described in Section 303.1.1.</li> <li>Open parking garages of any size, or open parking garage areas, of any size, within a structure.</li> </ol> <p><b>Note:</b> For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and/or air conditioning.</p> <p><b>Informational Notes:</b></p> <ol style="list-style-type: none"> <li>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 does not certify individuals to conduct functional performance tests or to adjust and balance systems.</li> <li>Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the California Energy Code.</li> </ol>				<p><b>5.410.4.4 Reporting.</b> After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.</p> <p><b>5.410.4.5 Operation and maintenance (O &amp; M) manual.</b> Provide the building owner or representative with detailed operating and maintenance instructions and copies of warranties/guarantees for each system. O &amp; M instructions shall be consistent with OSHA requirements in CFR, Title 8, Section 5142, and other related regulations.</p> <p><b>5.410.4.5.1 Inspections and reports.</b> Include a copy of all inspection verifications and reports required by the enforcing agency.</p>
			<p><b>5.303.4 COMMERCIAL KITCHEN EQUIPMENT.</b></p> <p><b>5.303.4.1 Food Waste Disposers.</b> Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.</p> <p><b>Note:</b> This code section does not affect local jurisdiction authority to prohibit or require disposer installation.</p>				<p><b>SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING</b></p> <p><b>5.408.1 CONSTRUCTION WASTE MANAGEMENT.</b> 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.</p> <p><b>5.408.1.1 Construction waste management plan.</b> Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:</p> <ol style="list-style-type: none"> <li>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.</li> <li>Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).</li> <li>Identifies diversion facilities where construction and demolition waste material collected will be taken.</li> <li>Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.</li> </ol> <p><b>5.408.1.2 Waste Management Company.</b> Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.</p> <p><b>Note:</b> The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.</p> <p><b>Exceptions to Sections 5.408.1.1 and 5.408.1.2:</b></p> <ol style="list-style-type: none"> <li>Excavated soil and land-clearing debris.</li> <li>Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.</li> <li>Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.</li> </ol> <p><b>5.408.1.3 Waste stream reduction alternative.</b> 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 as approved by the enforcing agency.</p> <p><b>5.408.1.4 Documentation.</b> 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.</p> <p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at <a href="http://www.bsc.ca.gov/Home/CALGreen.aspx">www.bsc.ca.gov/Home/CALGreen.aspx</a> may be used to assist in documenting compliance with the waste management plan.</li> <li>Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).</li> </ol>				<p><b>DIVISION 5.501 GENERAL</b></p> <p><b>5.501.1 SCOPE.</b> 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.</p> <p><b>SECTION 5.502 DEFINITIONS</b></p> <p><b>5.502.1 DEFINITIONS.</b> The following terms are defined in Chapter 2 (and are included here for reference)</p> <p><b>ARTERIAL HIGHWAY.</b> A general term denoting a highway primarily for through traffic usually on a continuous route.</p> <p><b>A-WEIGHTED SOUND LEVEL (dBA).</b> 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.</p> <p><b>1 BTU/HOUR.</b> British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of 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 32° Fahrenheit.</p> <p><b>COMMUNITY NOISE EQUIVALENT LEVEL (CNEL).</b> 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 (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.</p> <p><b>COMPOSITE WOOD PRODUCTS.</b> 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 joists or finger-jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).</p> <p><b>Note:</b> See CCR, Title 17, Section 93120.1.</p> <p><b>DAY-NIGHT AVERAGE SOUND LEVEL (Ldn).</b> 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.).</p> <p><b>DECIBEL (db).</b> A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity.</p> <p><b>ELECTRIC VEHICLE (EV).</b> An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, 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-propelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included.</p> <p><b>ELECTRIC VEHICLE CHARGING STATION(S) (EVCS).</b> One or more spaces intended for charging electric vehicles.</p> <p><b>ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE).</b> 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.</p> <p><b>ENERGY EQUIVALENT (NOISE) LEVEL (Leq).</b> 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.</p> <p><b>EXPRESSWAY.</b> 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.</p> <p><b>FREEWAY.</b> A divided arterial highway with full control of access and with grade separations at intersections.</p> <p><b>GLOBAL WARMING POTENTIAL (GWP).</b> The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.</p> <p><b>GLOBAL WARMING POTENTIAL VALUE (GWP VALUE).</b> 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 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.</p> <p><b>HIGH-GWP REFRIGERANT.</b> A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hydrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP 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).</p> <p><b>LONG RADIUS ELBOW.</b> 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.</p> <p><b>LOW-GWP REFRIGERANT.</b> A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).</p> <p><b>MERV.</b> Filter minimum efficiency reporting value, based on ASHRAE 52.2-1999.</p> <p><b>MAXIMUM INCREMENTAL REACTIVITY (MIR).</b> 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 hundredths of a gram (g O<sup>3</sup>/g ROG).</p> <p><b>PRODUCT-WEIGHTED MIR (PW-MIR).</b> The sum of all weighted-MIR for all ingredients in a product subject to this article. The PW-MIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).</p> <p><b>PSIG.</b> Pounds per square inch, gauge.</p> <p><b>TEMPERATURE ADJUSTED ORGANIC COMPOUND (ROC).</b> Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.</p> <p><b>SCHRADER ACCESS VALVES.</b> Access fittings with a valve core installed.</p> <p><b>SHORT RADIUS ELBOW.</b> Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.</p> <p><b>SUPERMARKET.</b> 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 to remote compressor units or condensing units.</p> <p><b>VOC.</b> 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)</p> <p><b>Note:</b> Where specific regulations are cited from different agencies such as SCAGMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.</p>				
			<p><b>5.303.4.5 Metering faucets for wash fountains.</b> Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches)] at 60 psi.</p> <p><b>Note:</b> Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.</p>				<p><b>SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT</b></p> <p><b>5.407.1 WEATHER PROTECTION.</b> Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.</p> <p><b>5.407.2 MOISTURE CONTROL.</b> Employ moisture control measures by the following methods.</p> <p><b>5.407.2.1 Sprinklers.</b> Design and maintain landscape irrigation systems to prevent spray on structures.</p> <p><b>5.407.2.2 Entries and openings.</b> Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:</p> <p><b>5.407.2.2.1 Exterior door protection.</b> 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:</p> <ol style="list-style-type: none"> <li>An installed awning at least 4 feet in depth.</li> <li>The door is protected by a roof overhang at least 4 feet in depth.</li> <li>The door is recessed at least 4 feet.</li> <li>Other methods which provide equivalent protection.</li> </ol> <p><b>5.407.2.2.2 Flashing.</b> Install flashings integrated with a drainage plane.</p>				<p><b>5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over.</b> 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 verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated by the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.</p> <p><b>Note:</b> 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</p> <p>Commissioning requirements shall include:</p> <ol style="list-style-type: none"> <li>Owner's or Owner representative's project requirements.</li> <li>Basis of design.</li> <li>Commissioning measures shown in the construction documents.</li> <li>Commissioning plan.</li> <li>Functional performance testing.</li> <li>Documentation and training.</li> <li>Commissioning report.</li> </ol> <p><b>Exceptions:</b></p> <ol style="list-style-type: none"> <li>Unconditioned warehouses of any size.</li> <li>Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses.</li> <li>Tenant improvements less than 10,000 square feet as described in Section 303.1.1.</li> <li>Open parking garages of any size, or open parking garage areas, of any size, within a structure.</li> </ol> <p><b>Note:</b> For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and/or air conditioning.</p> <p><b>Informational Notes:</b></p> <ol style="list-style-type: none"> <li>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 does not certify individuals to conduct functional performance tests or to adjust and balance systems.</li> <li>Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the California Energy Code.</li> </ol>				
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# 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

## NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2020, Includes August 2019 Supplement)

Y N/A RESPON. PARTY

### 5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

#### 5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

- Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.
- Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of *California Code of Regulations*, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT<sup>1,2</sup>

Less Water and Less Exempt Compounds in Grams per Liter	
ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
<b>SPECIALTY APPLICATIONS</b>	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
<b>SUBSTRATE SPECIFIC APPLICATIONS</b>	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

- IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.
- FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, [www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF](http://www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF)

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Less Water and Less Exempt Compounds in Grams per Liter	
SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
<b>SEALANT PRIMERS</b>	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

#### 5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

#### 5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of *California Code of Regulations*, Title 17, commencing with Section 94520, and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

TABLE 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS<sup>2,3</sup>

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS	
COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
<b>SPECIALTY COATINGS</b>	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

- GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS
- THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.
- VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

#### 5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

- Manufacturer's product specification
- Field verification of on-site product containers

#### 5.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet at least one of the testing and product requirements:

- Carpet and Rug Institute's Green Label Plus Program.
- Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as CDPH Standard Method V1.1 or Specification 01350).
- NSF/ANSI 140 at the Gold level or higher.
- Scientific Certifications Systems Sustainable Choice; or
- Compliant with the Collaborative for High Performance Schools California (2014 CA-CHPS) Criteria listed in the CHPS High Performance Product Database.

#### 5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label program.

#### 5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

#### 5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

#### 5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

- Product certifications and specifications.
- Chain of custody certifications.
- Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
- Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
- Other methods acceptable to the enforcing agency.

APPROVED  
Coachella Planning Division  
By: gpezec DATE: 01/17/2023

Y N/A RESPON. PARTY

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS:

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION	
PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD <sup>2</sup>	0.13

- VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.
- THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

#### 5.504.4.6 Resilient flooring systems. For 80 percent of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following:

- Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program;
- Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010;
- Compliant with the Collaborative for High Performance Schools California (2014 CA-CHPS) Criteria and listed in the CHPS High Performance Product Database; or
- Products certified under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools Program).

#### 5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

#### 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 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.

Exceptions: Existing mechanical equipment.

#### 5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

#### 5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entrances and operable windows and within the building as 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 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.

### SECTION 5.505 INDOOR MOISTURE CONTROL

#### 5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of this code.

### SECTION 5.506 INDOOR AIR QUALITY

#### 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 California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

#### 5.506.2 CARBON DIOXIDE (CO<sub>2</sub>) MONITORING. For buildings or additions equipped with demand control ventilation, CO<sub>2</sub> sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

### SECTION 5.507 ENVIRONMENTAL COMFORT

#### 5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (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.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

#### 5.507.1 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 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:

- Within the 65 CNEL noise contour of an airport.

#### Exceptions:

- L<sub>50</sub> or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
- L<sub>50</sub> or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

#### 5.507.4.1.1 Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L<sub>eq</sub> - 1-hr during any hour of operation shall have building, addition or alteration 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).

#### 5.507.4.2 Performance Method. For 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 envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1H) of 50 dBA in occupied areas during any hour of operation.

#### 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.

#### 5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior soundlevels 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 spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: [www.toolbox.org/PDF/CaseStudies/stc\\_ratings.pdf](http://www.toolbox.org/PDF/CaseStudies/stc_ratings.pdf).

### SECTION 5.508 OUTDOOR AIR QUALITY

#### 5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

#### 5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

#### 5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

#### 5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO<sub>2</sub>), and potentially other refrigerants.

Y N/A RESPON. PARTY

#### 5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant 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-fourth-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.

#### 5.508.2.2 Valves. Valves and fittings shall comply with the California Mechanical Code and as follows.

#### 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.

#### 5.508.2.2.2.2.1 Chain tethers. Chain tethers to fit over the stem are required for valves designed to have seal caps.

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

#### 5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to prevent corrosion 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.

#### 5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device that indicates the level of refrigerant in the receiver.

#### 5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

#### 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.

#### 5.508.2.6 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 minutes.

#### 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.

## CHAPTER 7 INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

### 702 QUALIFICATIONS

#### 702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples 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.

#### 702.2 SPECIAL INSPECTION [HCDF]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered 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.

#### Notes:

- Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
- 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).

#### [BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

### 703 VERIFICATIONS

#### 703.1 DOCUMENTATION. Documentation used to show construction documents, plans, specifications, builder or contractor compliance with the enforcing agency shall include special inspection is necessary to verify compliance, that a section or identified applicable checklist.



Approved  
Brian F Gumpert CBO

RESIDENTIAL  
DESIGNS  
• REMODELS  
• ADDITIONS  
• SERVICES  
• SERVICES  
GUSTAVO RAYA  
gustavo\_raya@yahoo.com  
83-570 QUAL MOUNTAIN TERRACE  
COACHELLA, CA. 92236  
CELL: 760.855.9603

OWNER NAME AND ADDRESS  
VICTOR LOPEZ  
51567 CESAR CHAVEZ ST.  
COACHELLA, CA. 92236  
TEL.: (661) 808-8825

CALIFORNIA GREEN BUILDING CODE

PROJECT NAME AND ADDRESS  
AS-BUILT OF TENANT IMPROVEMENT FOR:  
MR. CLAMATO  
51567 CESAR CHAVEZ ST.  
COACHELLA, CA. 92236  
A.P.N. : 768-323-013

NO.	REVISION/ISSUE	DATE
1	PLAN CHECK COMMENTS	09.28.2022

PROJECT: SHEET  
DATE: 12/21/22  
SCALE: AS NOTED  
A0.4

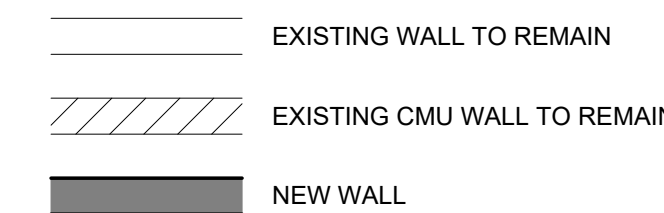


OCCUPANT LOAD = 22 OCCUPANTS

NOTES

- VERIFY ALL DIMENSIONS AND CONDITIONS ON THE SITE BEFORE STARTING ANY WORK.
- COORDINATE DETAILS AND DIMENSIONS WITH RELATED REQUIREMENTS ON ALL DRAWINGS.
- COORDINATE ALL WORK WITH RESPECTIVE TRADES PER THESE DRAWINGS.
- DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD.
- ALL DOMESTIC HOT WATER PIPING TO HAVE THE FOLLOWING MINIMUM INSULATION INSTALLED: 1/2" PIPE (1/2" INSULATION); 3/4" PIPE (1" INSULATION); 1" TO 1-1/2" PIPE (1-1/2" INSULATION). CPC 609.11 & ES 150.0(J)  
 a) ADDITIONALLY, THE 1/2" HOT WATER PIPE TO THE KITCHEN SINK, AND THE COLD WATER PIPE WITHIN 5' OF THE WATER HEATER BOTH REQUIRE 1" MINIMUM INSULATION. ES 150.0(J)
- BELOW GRADE HOT WATER PIPING IS REQUIRED TO BE INSTALLED IN A WATERPROOF AND NON-CRUSHABLE SLEEVE OR CASING THAT ALLOWS FOR REPLACEMENT OF BOTH THE PIPING AND INSULATION.

WALL LEGEND



FLOOR PLAN NOTES

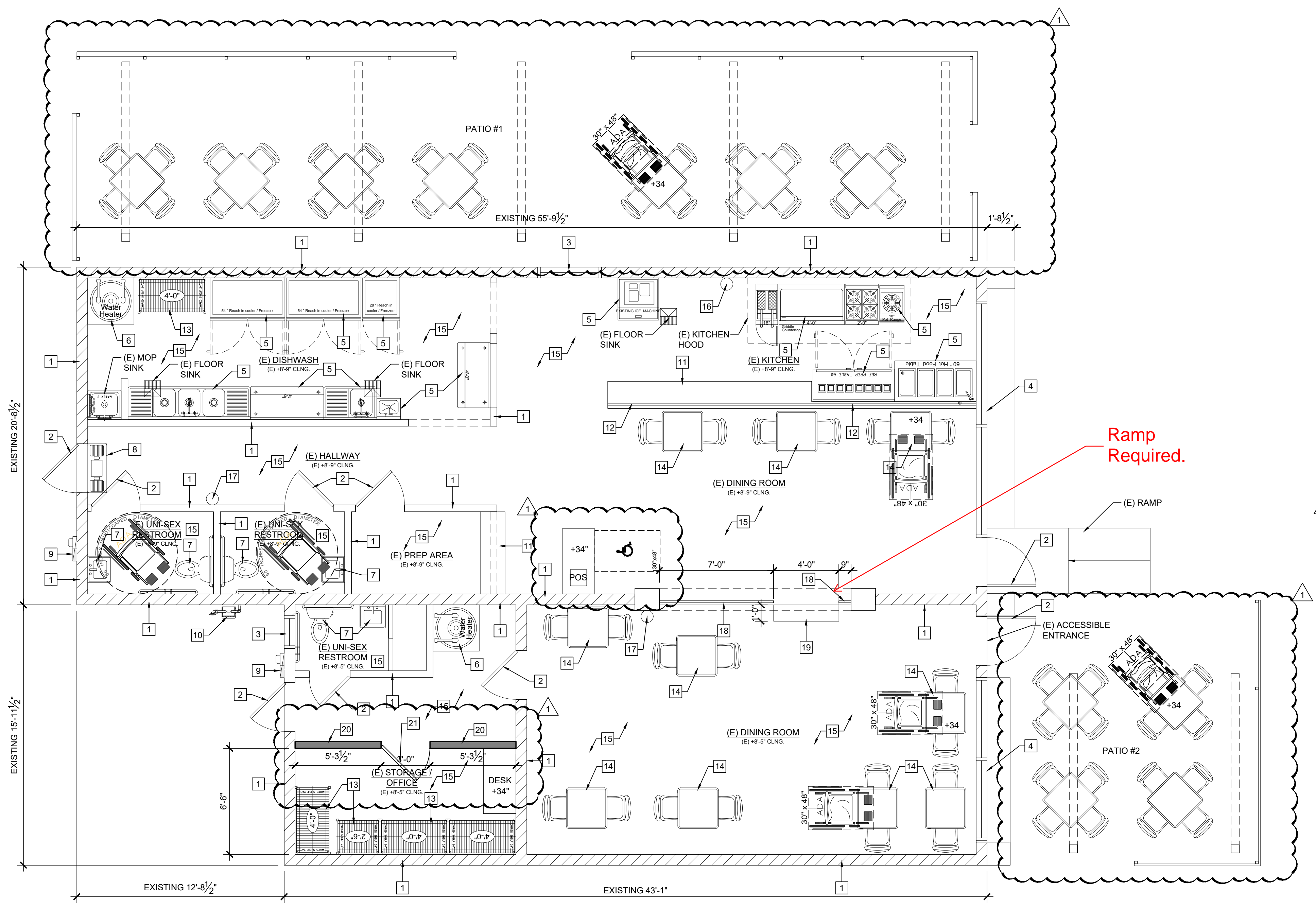
- EXISTING WALL TO REMAIN
- EXISTING DOOR TO REMAIN
- EXISTING WINDOW TO REMAIN
- EXISTING STOREFRONT TO REMAIN
- EXISTING KITCHEN EQUIPMENT TO REMAIN
- EXISTING WATER HEATER TO REMAIN
- EXISTING TOILET / SINK TO REMAIN
- EXISTING AIR CURTAIN TO REMAIN
- EXISTING ELECTRICAL TO REMAIN
- EXISTING GAS METER TO REMAIN
- NEW COUNTERTOP PER OWNER
- NEW SNEEZE GUARD PER OWNER
- NEW STORAGE SHELVING
- NEW TABLES -PER OWNER
- NEW FLOORING - PER OWNER
- NEW CLASS 'K' WALL MOUNTED PORTABLE FIRE EXTINGUISHER
- NEW CLASS A WALL MOUNTED PORTABLE FIRE EXTINGUISHER
- NEW GUARDRAIL AT +42 PER OWNER -SEE DTL. 1
- NEW CONCRETE STEP - SEE DTL. 1
- NEW 2X4 WALL @ 16" O.C. W/ 1/4" GYP. WALL BOARD ON BOTH SIDES
- NEW 3'-0" X 7'-0" DOOR

DOOR NOTES

**1010.1.3 DOOR OPENING FORCE**  
 THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING EGRESS DOORS, OTHER THAN FIRE DOORS, SHALL NOT EXCEED 5 POUNDS (22 N). FOR OTHER SWINGING DOORS, AS WELL AS SLIDING AND FOLDING DOORS, THE DOOR LATCH SHALL RELEASE WHEN SUBJECTED TO A 15-POUND (67 N) FORCE. THE DOOR SHALL BE SET IN MOTION WHEN SUBJECTED TO A 30-POUND (133 N) FORCE. THE DOOR SHALL SWING TO A FULL-OPEN POSITION WHEN SUBJECTED TO A 15-POUND (67 N) FORCE.

**1010.1.3.1 LOCATION OF APPLIED FORCES**  
 FORCES SHALL BE APPLIED TO THE LATCH SIDE OF THE DOOR.

**1010.1.5 FLOOR ELEVATION**  
 THE OFF-SIDE OF THE RAMP SHALL BE AT THE SAME ELEVATION AS THE ADJACENT FLOOR OR SLOPE SHALL BE 1:12 (8.33%) OR GREATER. THE RAMP SHALL BE 36" WIDE MINIMUM CLEARANCE. THE RAMP SHALL BE 30" X 48" MINIMUM. THE RAMP SHALL BE 1/4" SLOPE PER FOOT. THE RAMP SHALL BE 1/4" SLOPE PER FOOT. THE RAMP SHALL BE 1/4" SLOPE PER FOOT.

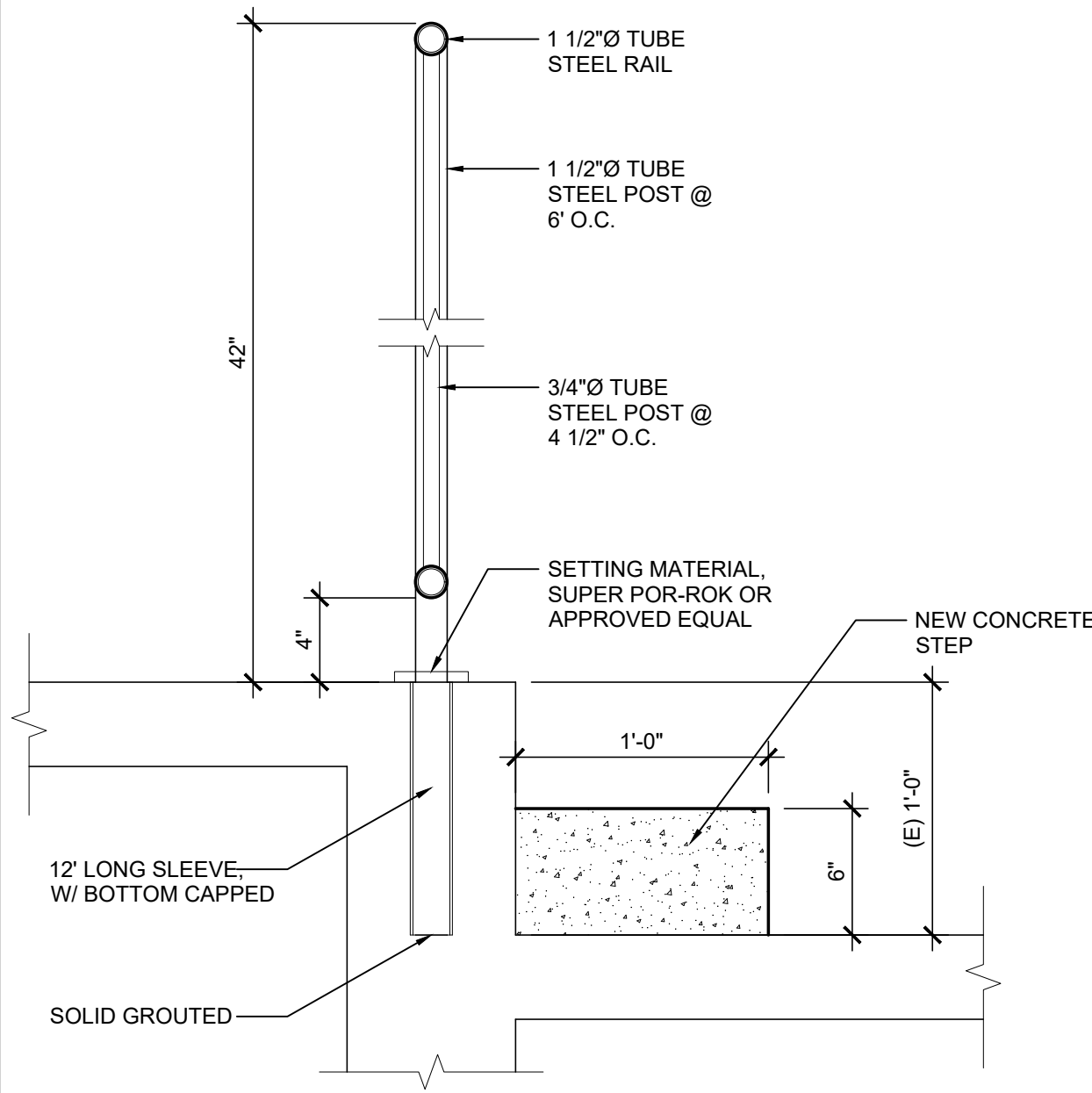


Ramp Required.

**NOTE:**

- PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED PER CALIFORNIA FIRE ACODE CHAPTER 9 SECTION 906
- EXTINGUISHERS SHALL BE ACCESSIBLE. LOCATED NOT FURTHER THAN 75' OF TRAVEL, AND SECURELY INSTALLED ON A BRACKET WITH THE TOP NOT MORE THAN 5' ABOVE THE FLOOR (CFC 906.1).

FLOOR PLAN  
 SCALE: 1/4" = 1'-0"



1 GUARDRAIL  
 SCALE: NONE = 1'-0"

RESIDENTIAL DESIGNS  
 REMODELS  
 RENOVATIONS  
 SERVICES

**G D DESIGNS**

GUSTAVO RAYA  
 gusraya\_4@yahoo.com  
 83-570 QUAIL MOUNTAIN TERRACE  
 COACHELLA, CA. 92236  
 CELL: 760.855.9063

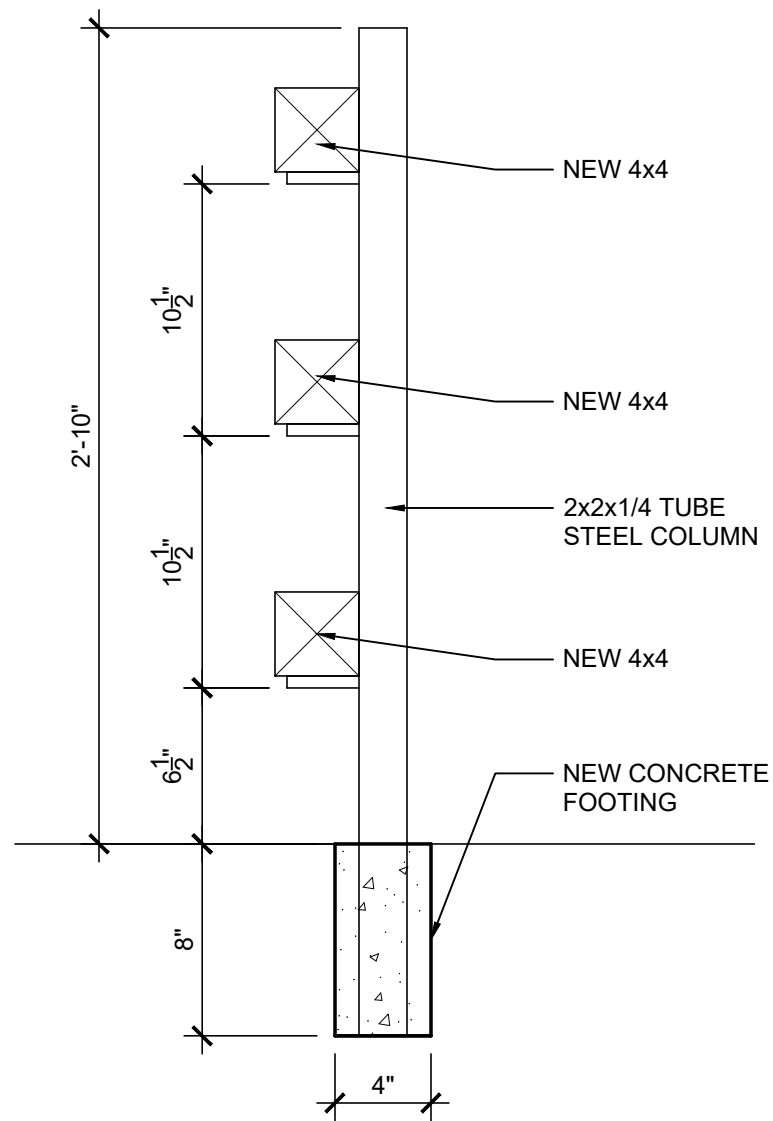
OWNER NAME AND ADDRESS  
**VICTOR LOPEZ**  
 51557 CESAR CHAVEZ ST.  
 COACHELLA, CA. 92236  
 TEL.: (661) 808-8825

FLOOR PLAN

PROJECT NAME AND ADDRESS  
 AS-BUILT OF TENANT IMPROVEMENT FOR:  
**MR. CLAMATO**  
 51557 CESAR CHAVEZ ST.  
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 A.P.N.: 768-323-013

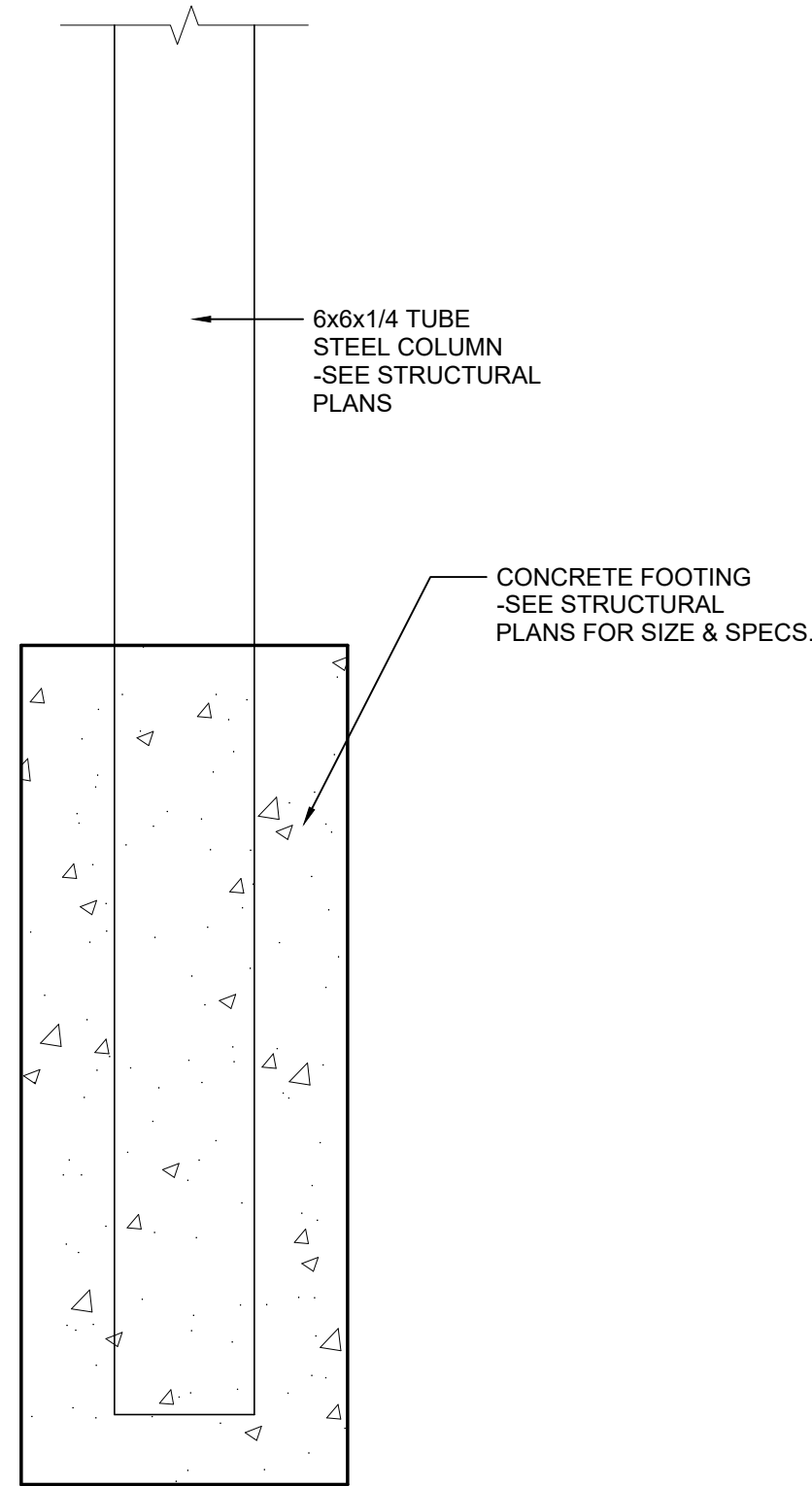
NO.	REVISION/ISSUE	DATE
1	PLAN CHECK COMMENTS	09/28/2022

PROJECT: SHEET  
 DATE: 12/21/22  
 SCALE: AS NOTED  
**A2.0**



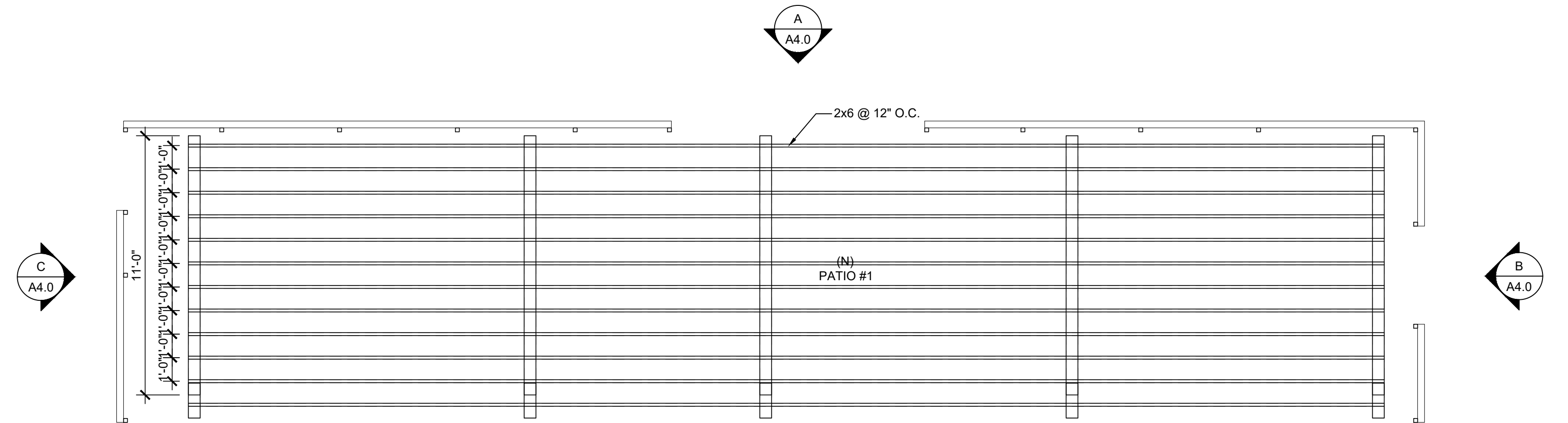
2 RAILING DETAIL

SCALE: NONE = 1'-0"



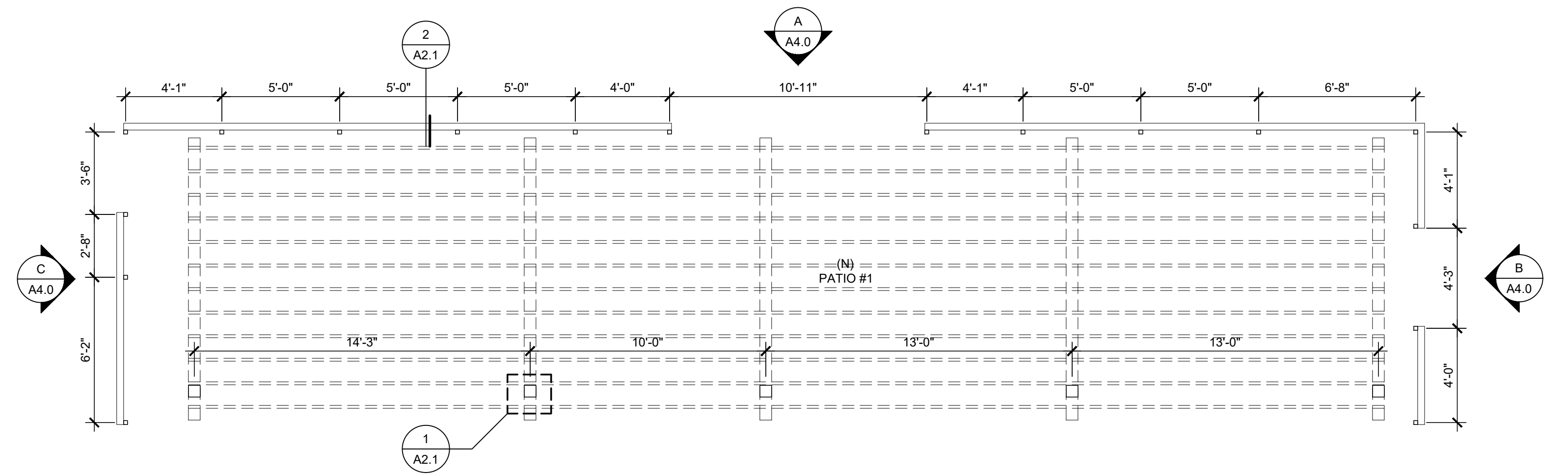
1 PATIO COLUMN

SCALE: NONE = 1'-0"



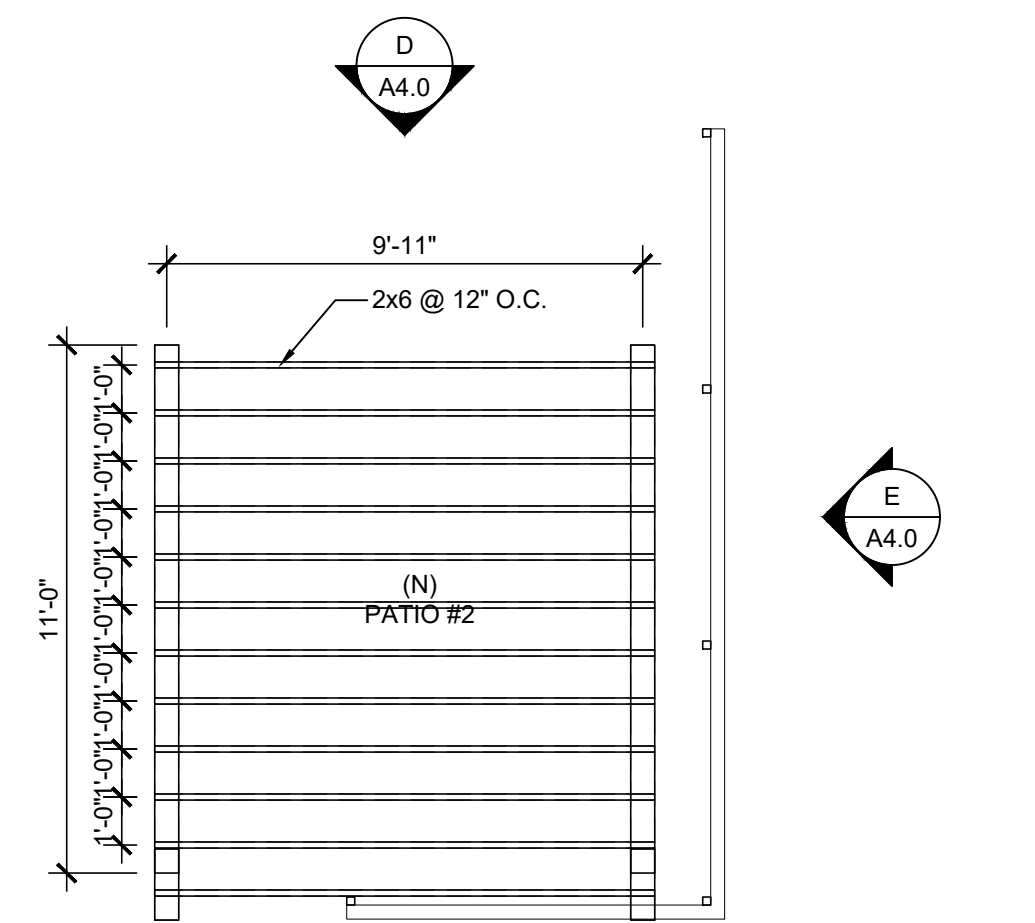
PATIO #1 - ROOF

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



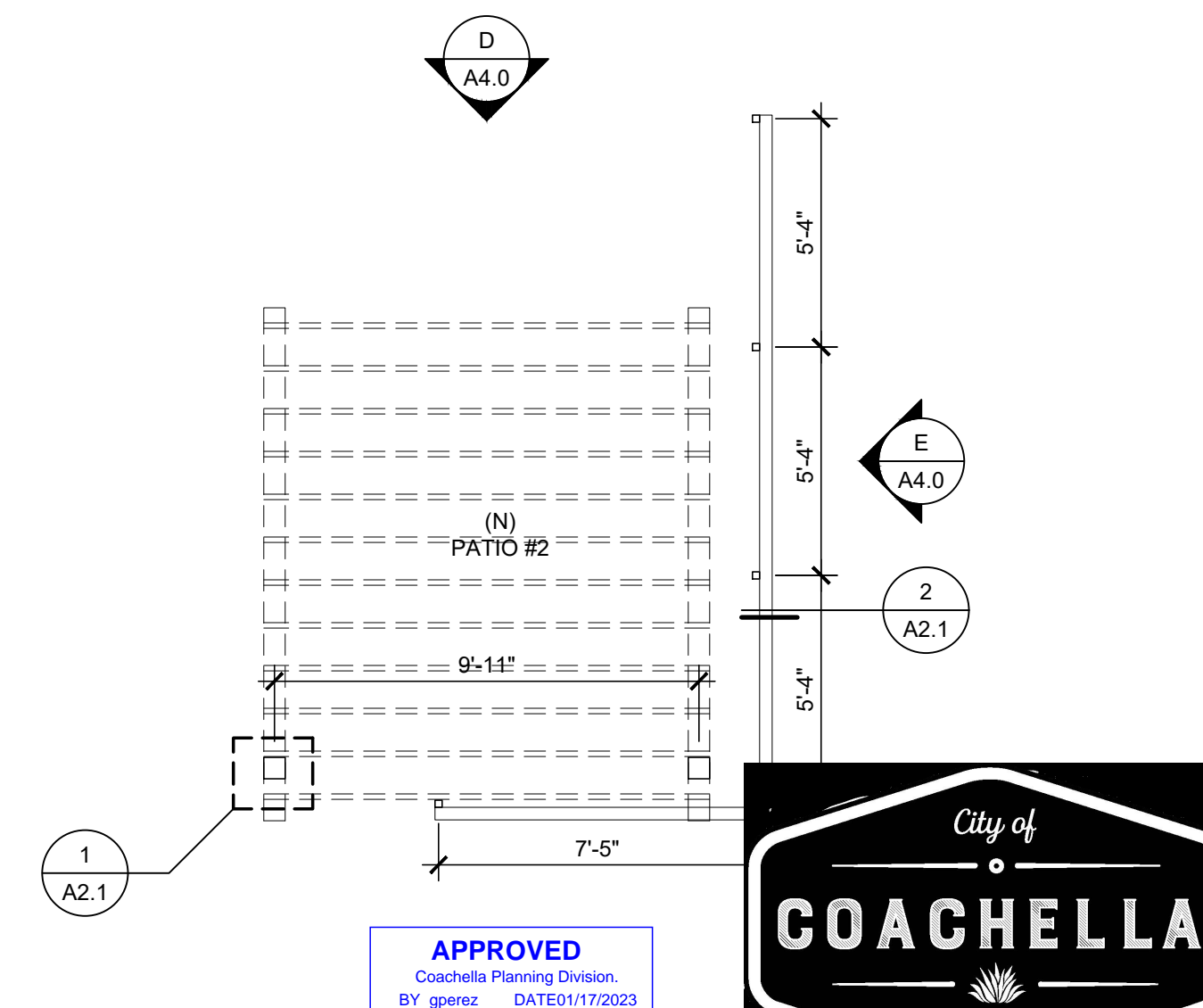
PATIO #1 - FLOOR PLAN

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



PATIO #2 - ROOF PLAN

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



PATIO #2 - FLOOR PLAN

Approved  
SCALE: 3/4" = 1'-0" Import CBO



APPROVED  
Coachella Planning Division  
BY: gpenz DATE: 01/17/2023

RESIDENTIAL  
DESIGNS  
• REMODELS  
• ADDITIONS  
• SERVICES

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TEL. : (661) 808-8825

PROJECT NAME AND ADDRESS  
**PATIO #1 & #2 - FLOOR PLAN &  
PATIO #1 & #2 - ROOF PLAN**

PROJECT NAME AND ADDRESS  
**AS-BUILT OF TENANT IMPROVEMENT FOR :  
MR. CLAMATO**  
51557 CESAR CHAVEZ ST.  
COACHELLA, CA. 92236  
A.P.N. : 768-323-013

NO.	REVISION/ISSUE	DATE
1	PLAN CHECK COMMENTS	09.28.2022

PROJECT: SHEET  
DATE: 12/21/22  
SCALE: AS NOTED  
**A2.1**



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PROJECT NAME AND ADDRESS  
**MR. CLAMATO**  
51557 CESAR CHAVEZ ST.  
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AS-BUILT OF TENANT IMPROVEMENT FOR :

NO.	REVISION/ISSUE	DATE
1	PLAN CHECK COMMENTS	09.28.2022

PROJECT: SHEET  
DATE: 12/21/22  
SCALE: AS NOTED  
**A3.0**

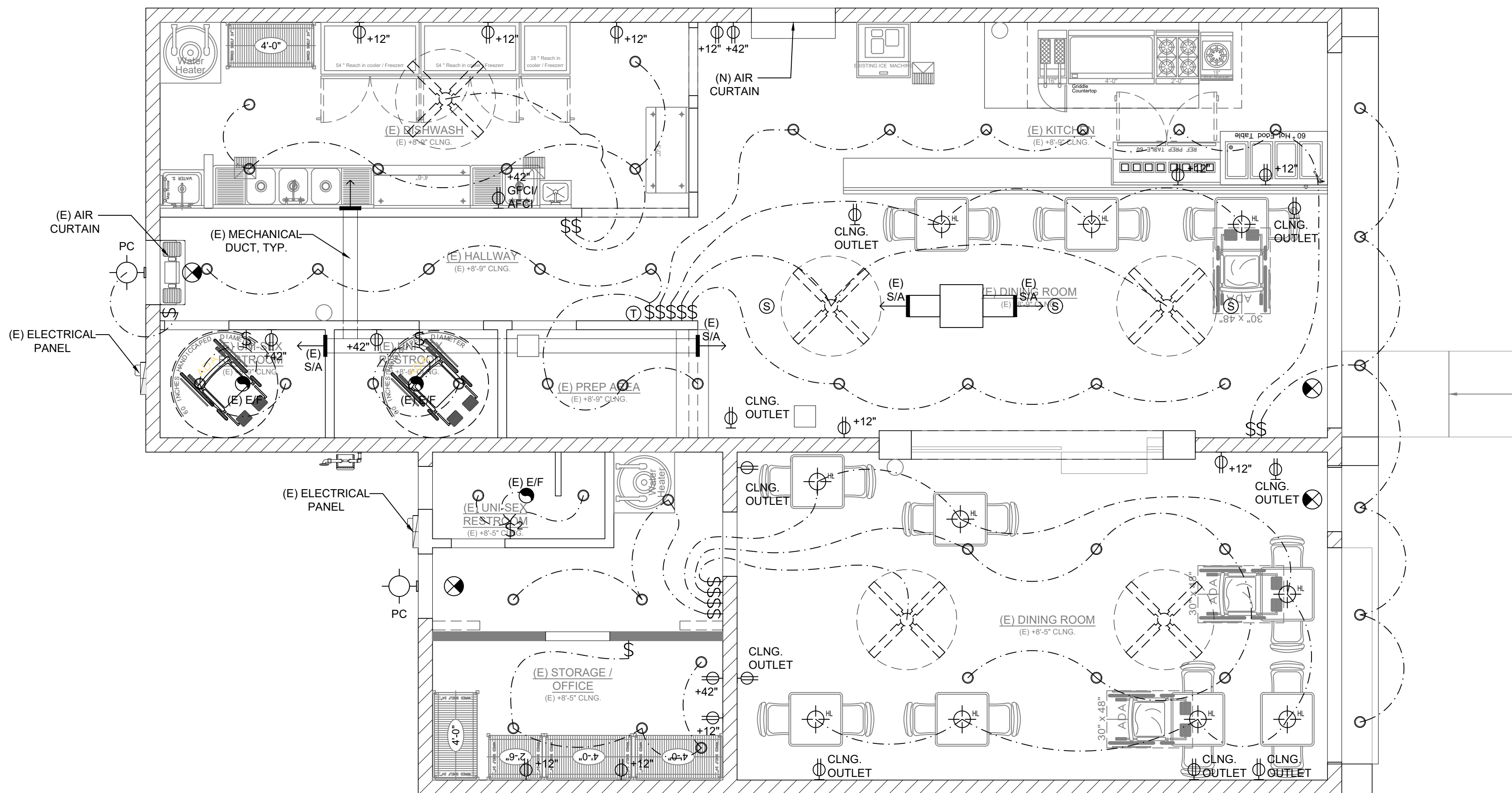
**ELECTRICAL NOTES**

- A. GENERAL LIGHTING AT KITCHEN AND BATHS TO BE LED
- B. PROVIDE ONE MINIMUM SEPARATE 20 AMP CIRCUIT TO LAUNDRY APPLIANCES. SHALL HAVE NO OTHER OUTLETS. NOTE ON PLANS NEC 220-4(B)
- C. ALL FLUSH CANS TO BE RECESSED WITH BLACK BAFFLE.
- D. BATHROOM CIRCUITING SHALL BE EITHER: A 20 AMPERE CIRCUIT DEDICATED TO EACH BATHROOM OR AT LEAST ONE 20 AMPERE CIRCUIT SUPPLYING ONLY BATHROOM RECEPTACLE OUTLETS.
- E. SMOKE DETECTORS SHALL SOUND AN AUDIBLE ALARM IN ALL SLEEPING AREAS OF THE DWELLING UNIT IN WHICH THEY ARE LOCATED, AND ARE REQUIRED TO BE INSTALLED IN THE FOLLOWING LOCATIONS. SECTION 106.3.3
- F. ALL 120 VOLT, SINGLE PHASE, 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT BEDROOMS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. SMOKE ALARMS SHALL BE 120-VOLT WITH BATTERY BACK-UP. PROVIDE INTERCONNECTION SO THAT ACTIVATION OF ANY SMOKE ALARM WILL ACTIVATE ALL SMOKE ALARMS IN THE DWELLING.
- G. ALUMINUM CONDUCTORS ARE PERMITTED ONLY IF SIZE 1/0 OR LARGER, AND ONLY TO FEED MAIN OR SUB-PANELS. ALL OTHER CURRENT CARRYING CONDUCTORS SHALL BE COPPER.
- H. EACH ROOM CONTAINING A SHOWER OR BATHTUB SHALL HAVE AT LEAST ONE LUMINARY WITH LAMP(S) WITH AN EFFICACY OF 40 LUMENS PER WATT OR GREATER. IF THERE IS MORE THAN ONE LUMINARY IN THE ROOM, THE HIGH-EFFICACY LUMINARY SHALL BE SWITCHED AT AN ENTRANCE TO THE ROOM.
- I. ALUMINUM CONDUCTORS ARE PERMITTED ONLY IF SIZE 1/0 OR LARGER, AND ONLY TO FEED MAIN OR SUB-PANELS. ALL OTHER CURRENT CARRYING CONDUCTORS SHALL BE COPPER. (LMC 8.03.030)
- J. LIGHT FIXTURES IN TUB OR SHOWER ENCLOSURES SHALL BE LABELED "SUITABLE FOR DAMP LOCATION".
- K. SMOKE ALARMS SHALL BE 120-VOLT WITH BATTERY BACK-UP. (CBC 310.9.1.3)
- L. ALL RECESSED CAN LIGHT FIXTURES SHALL BE IC LISTED, AIR-TIGHT LABELED, AND NOT BE EQUIPPED WITH STANDARD MEDIUM BASE SCREW SHELL LAMP HOLDER. ES 150.(K)
- M. SFD OUTDOOR LIGHTING FIXTURES THAT ARE ATTACHED TO A BUILDING ARE REQUIRED TO BE HIGH EFFICACY, BE MANUALLY ON/OFF SWITCH CONTROLLED, AND HAVE BOTH MOTION SENSOR AND PHOTOCELL CONTROL

**ELECTRICAL LEGEND**

- ⊕ 110V WALL OUTLET
- ⊕ 220V 220V WALL OUTLET
- WP WATER PROOF OUTLET
- GFCI GROUND FAULT CIRCUIT INTERRUPTER
- AFCI ARC-FAULT CIRCUIT INTERRUPTER (COMBINATION TYPE ONLY)
- Ⓢ SWITCH
- ⓈMS SWITCH W/ MOTION SENSOR & MANUAL ON/OFF SWITCH
- ⓈOS OCCUPANCY SENSOR
- TV TELEVISION / CABLE
- PHONE
- HL HANGING LIGHT
- WALL SCENCE
- RECESSED LED CAN LIGHT
- J-BOX
- VAPOR PROOF LIGHT. LIGHT FIXTURES IN TUB OR SHOWER ENCLOSURES SHALL BE LABELED 'SUITABLE FOR DAMP LOCATION' (CEC 410-4(A))
- COMBO CARBON MONOXIDE/SMOKE DETECTOR TO 110V W/ BATTERY BACK-UP

EXHAUST FAN (50 CFM MIN. CAPACITY). ENERGY STAR. MODEL #FV-08VKSZ (0.3 SONES) - VENT TO OUTSIDE OF BUILDING FOR HUMIDITY CONTROL, CAPABLE OF 5 AIR CHANGES PER HOUR. DUCT EXHAUST FAN TO OUTSIDE OF BUILDING CONTINUOUS.



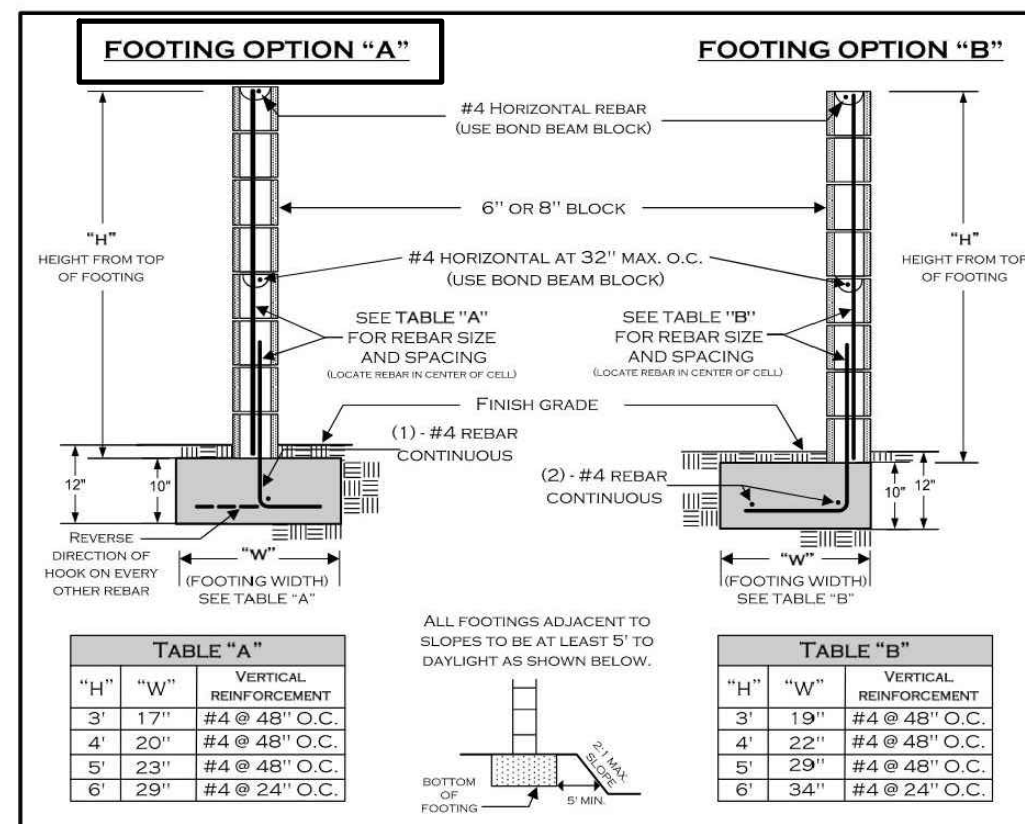
**APPROVED**  
Coachella Planning Division,  
BY gpercz DATE 01/17/2023

**CEILING PLAN**

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

DATE / TIME: Dec 21, 2022 11:30am





**TABLE "A"**

"H"	"W"	VERTICAL REINFORCEMENT
3'	17"	#4 @ 48" O.C.
4'	20"	#4 @ 48" O.C.
5'	23"	#4 @ 48" O.C.
6'	25"	#4 @ 24" O.C.

**TABLE "B"**

"H"	"W"	VERTICAL REINFORCEMENT
3'	19"	#4 @ 48" O.C.
4'	22"	#4 @ 48" O.C.
5'	25"	#4 @ 48" O.C.
6'	34"	#4 @ 24" O.C.

**NOTES:**

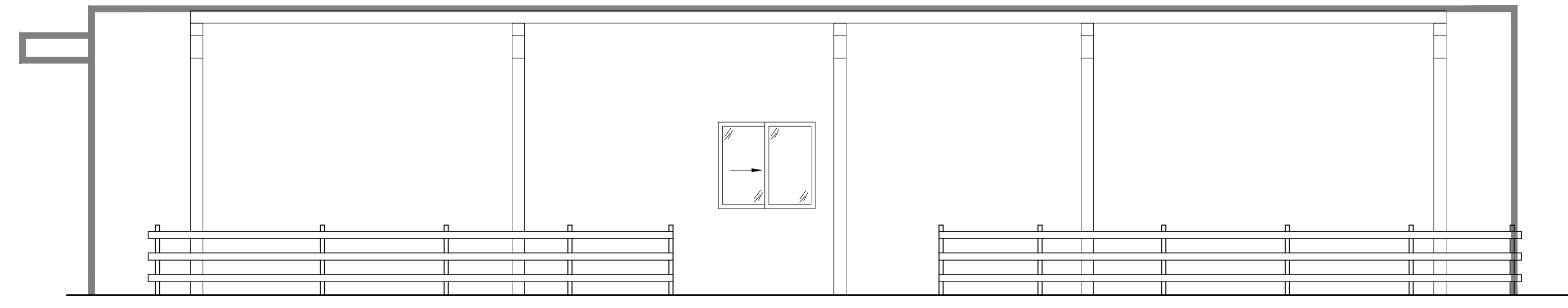
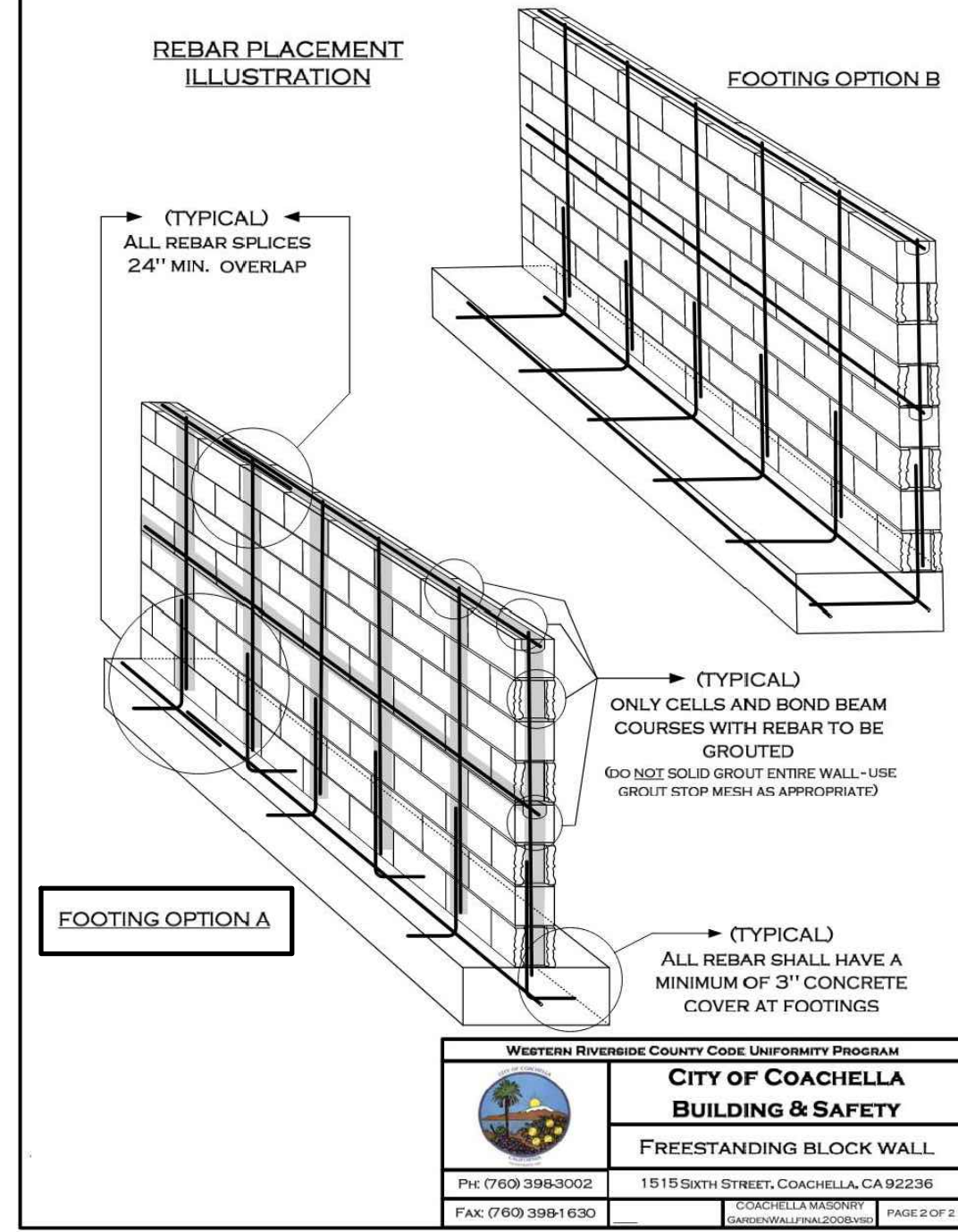
- THIS DESIGN DOES NOT ALLOW GRADE DIFFERENTIALS OF MORE THAN 6" ON OPPOSING SIDES OF THE WALL. THIS IS NOT A RETAINING WALL.
- FENCE HEIGHTS ARE REGULATED - CONSULT ZONING REGULATIONS BEFORE BEGINNING CONSTRUCTION.
- NO WATER COURSE OR NATURAL DRAINAGE SHALL BE OBSTRUCTED.
- GROUT ONLY THE CELLS CONTAINING REBAR. THIS WALL IS NOT DESIGNED FOR ALL CELLS TO BE GROUTED.
- ALL REBAR TO BE ASTM SPEC. #4 15% GRADE 40 MINIMUM.
- ALL REBAR LAP SPLICES TO BE 24" MINIMUM.
- ALL MASONRY UNITS TO BE ASTM C90 GRADE N.
- REBAR TO BE CENTERED IN MASONRY CELLS.

**REQUIRED INSPECTIONS**

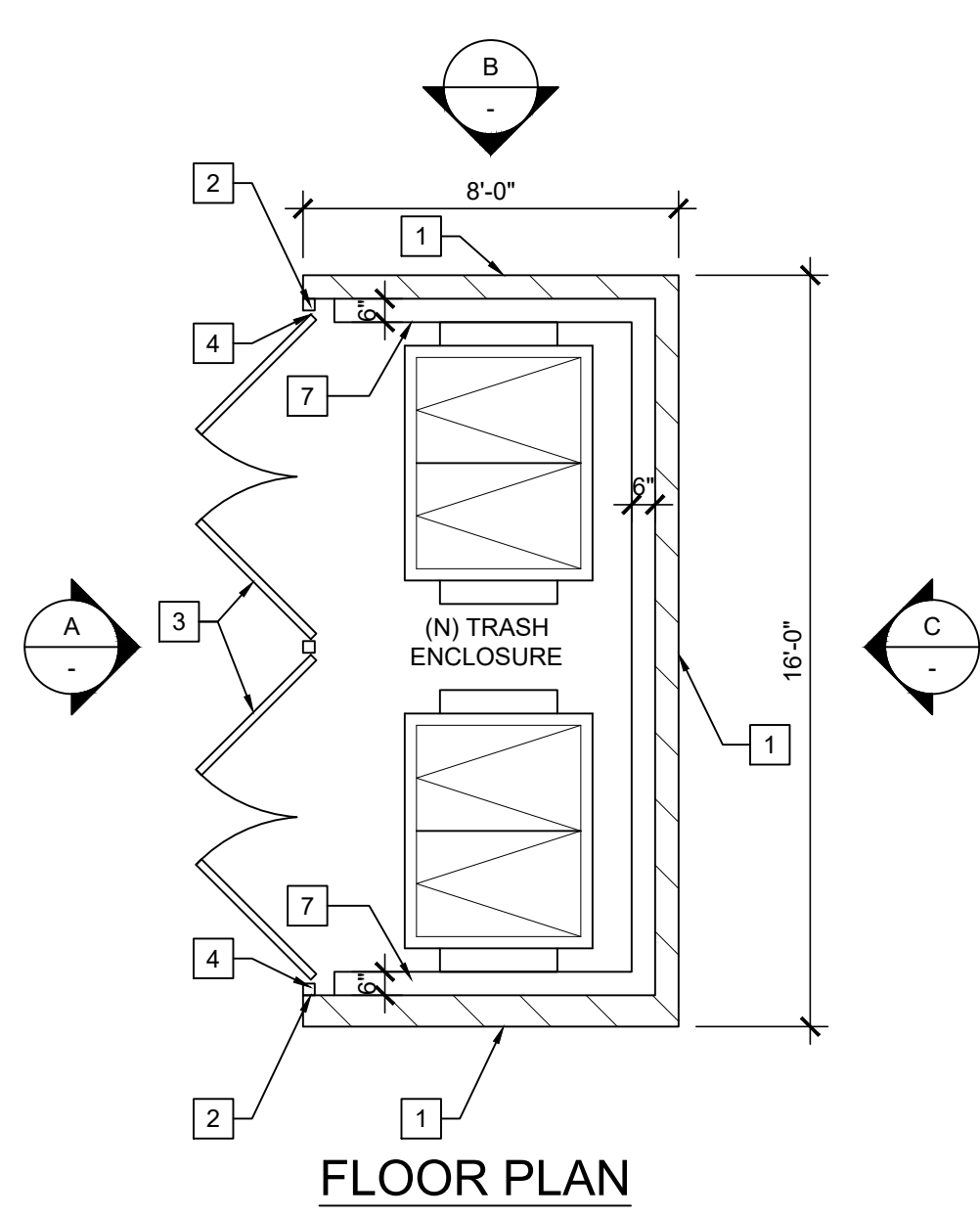
- FOOTING: EXCAVATION TRENCH CLEAN WITH STEEL IN PLACE AND SUPPORTED 3" ABOVE AND AWAY FROM THE SURROUNDING EARTH/JOINT.
- REBAR/PRE-GROUT: BOND BEAM REBAR AND VERTICAL REBAR IN PLACE - INSPECTION PRIOR TO PLACING GROUT.
- FINAL: AFTER GROUT IS PLACED - PRIOR TO ANY DECORATIVE CAP PLACEMENT.

**DISCLAIMER:**  
ALTERNATE DESIGNS MAY BE POSSIBLE WHEN PROVIDED WITH AN ENGINEERED ANALYSIS. USE OF THIS STANDARD DESIGN IS AT THE USER'S RISK AND CARRIES NO IMPLIED OR INFERRED GUARANTEE AGAINST FAILURE OR DEFECTS.

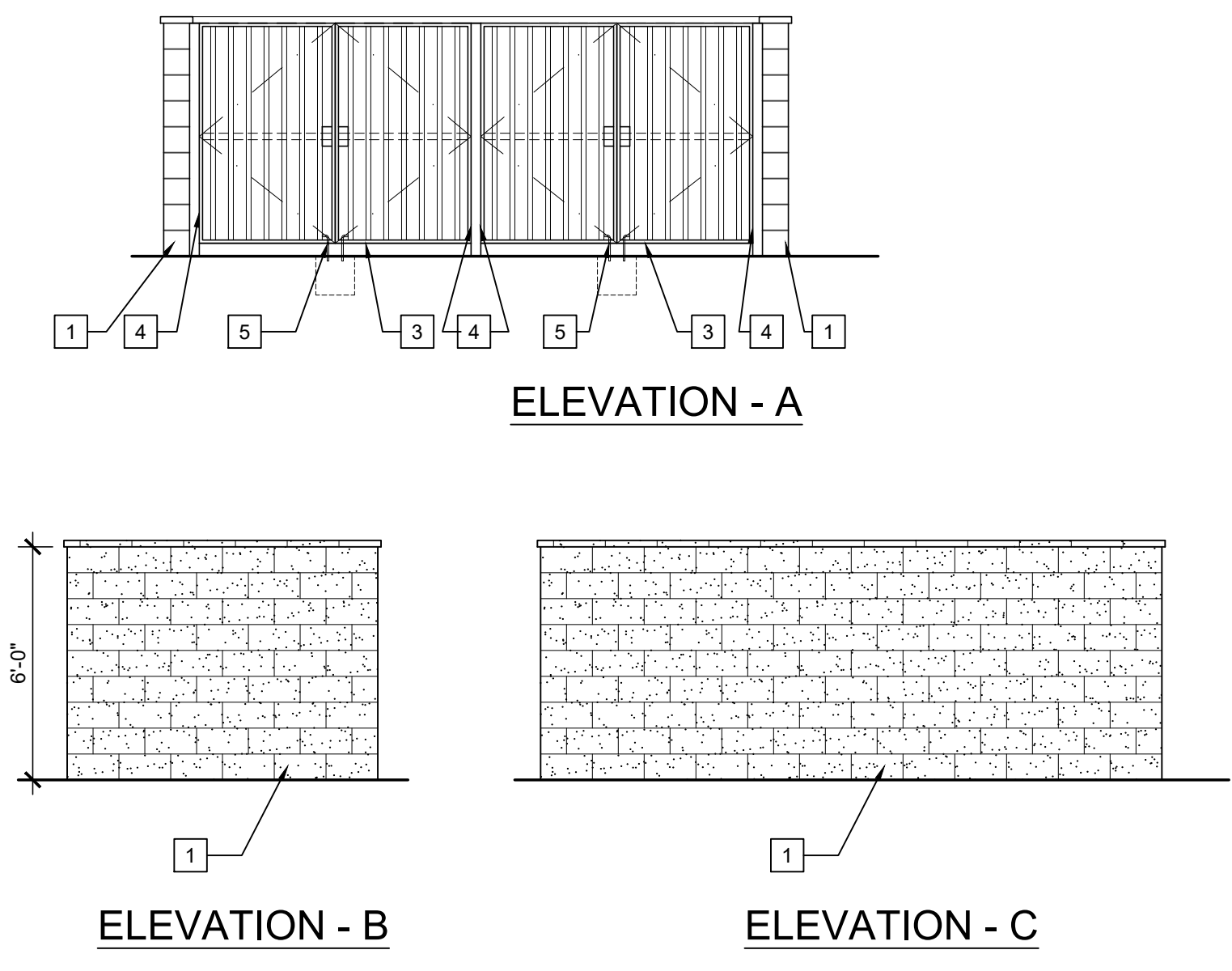
**CITY OF COACHELLA BUILDING & SAFETY**  
1515 SIXTH STREET, COACHELLA, CA 92236  
PH: (760) 398-3002 FAX: (760) 398-1630



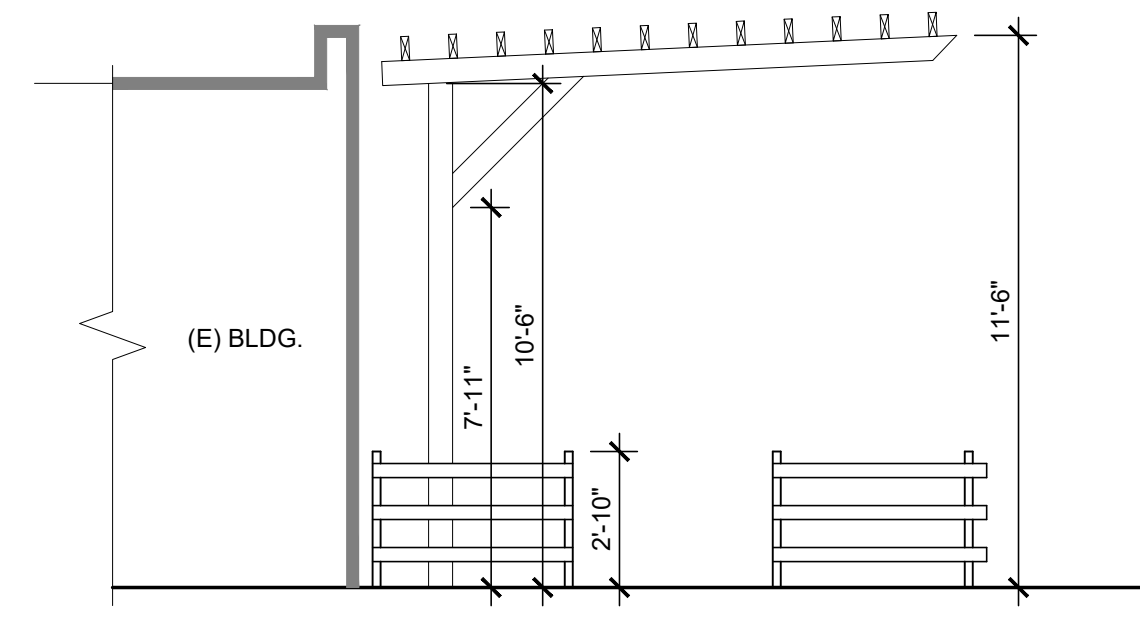
**A** PATIO #1 - NORTH ELEVATION  
SCALE: 1/4" = 1'-0"



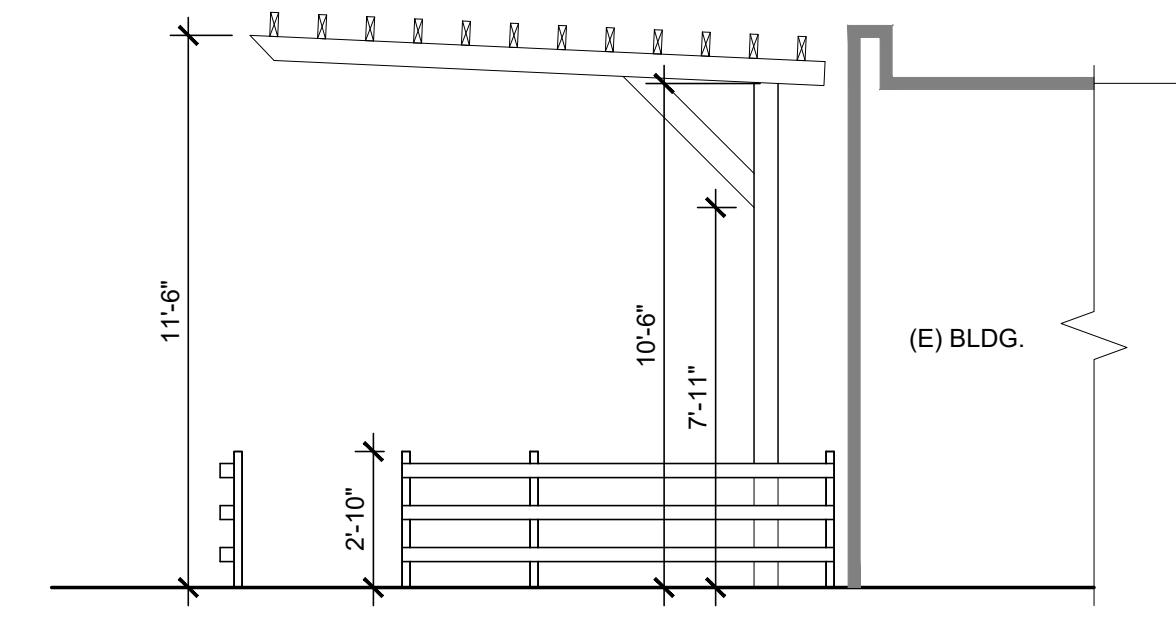
- NOTES:**
- 6" X 6" X 16" 6' HIGH ORCO RUNNING BOND PATTERN, SPLIT FACE, MEDIUM WEIGHT BLOCK, COLOR: TAN WITH 2" CAP BLOCK FOLLOW CITY OF COACHELLA STANDARD BLOCK WALL SPECIFICATION FOR RE-BAR PLACEMENT AND GROUT INSTRUCTIONS.
  - 3" SQUARE STEEL TUBE WITH SOLID TOP FLUSH.
  - METAL GATES OR SCREEN WITH 3" X 3" X 1/4" STEEL FRAME. CONTINUOUS WELD ALL JOINTS. EXTRA HEAVY DUTY METAL HINGE, CONTINUOUSLY WELDED TO GATE AND JAMB TUBE.
  - 3/16" METAL PLATE WITH SLIDE BOLT ASSEMBLY WELDED IN PLACE EACH GATE.
  - FOOTING PER CITY OF COACHELLA FREE STANDING BLOCK WALL SPECIFICATIONS AND DRAWINGS.
  - 6" CURB



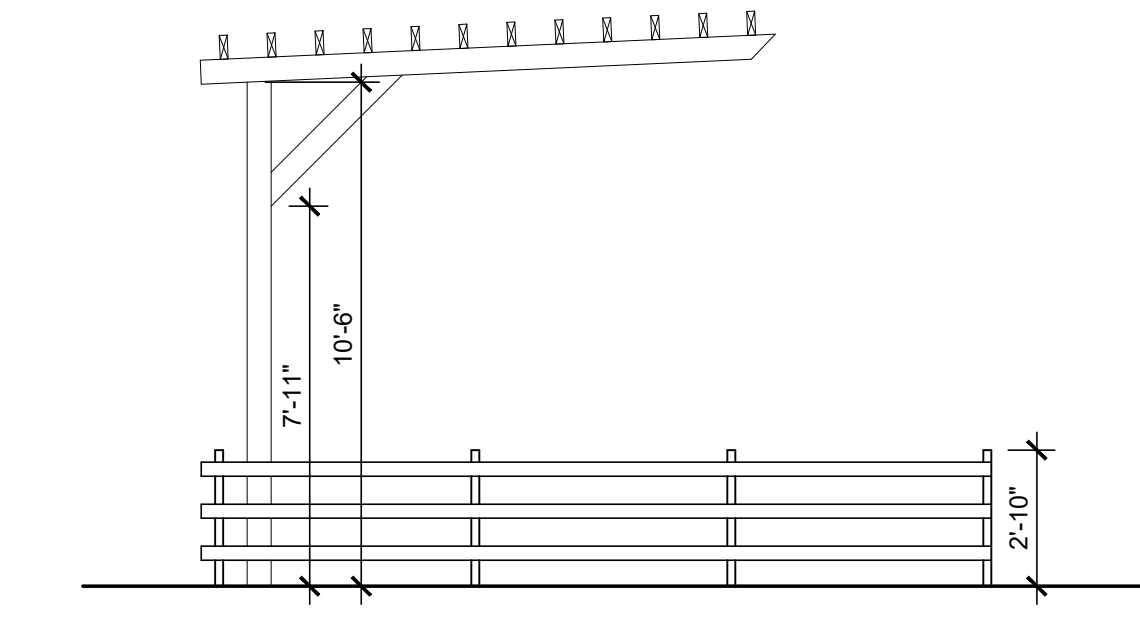
**ELEVATION - A**  
**ELEVATION - B**  
**ELEVATION - C**  
**TRASH ENCLOSURE**  
SCALE: 1/4" = 1'-0"



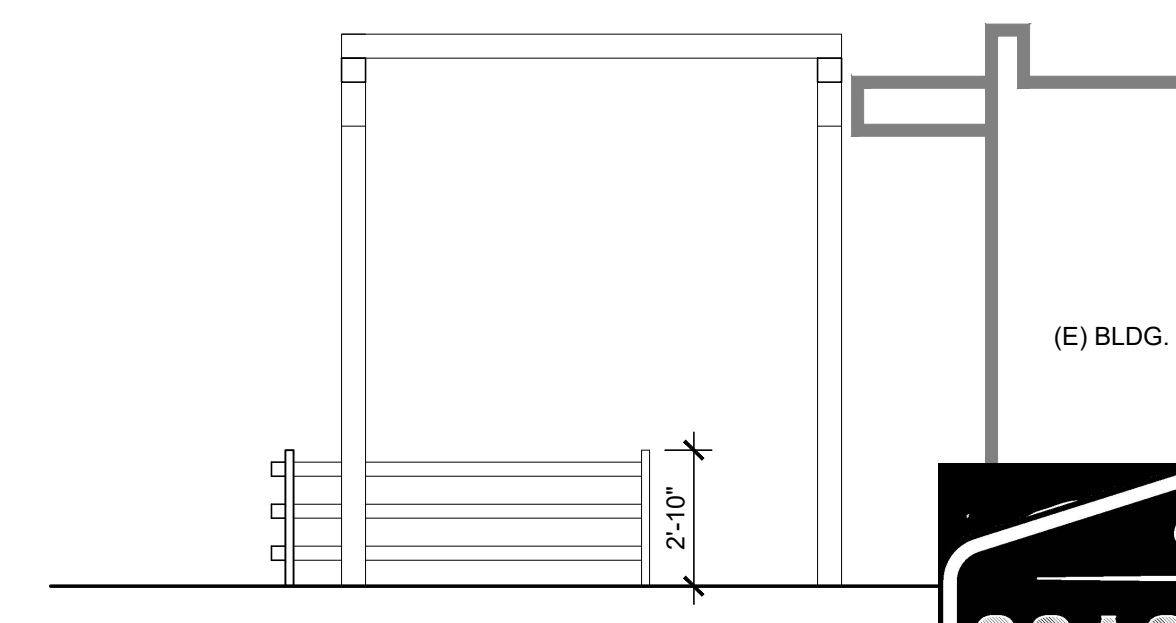
**B** PATIO #1 - EAST ELEVATION  
SCALE: 1/4" = 1'-0"



**C** PATIO #1 - WEST ELEVATION  
SCALE: 1/4" = 1'-0"



**E** PATIO #2 - EAST ELEVATION  
SCALE: 1/4" = 1'-0"



**D** PATIO #2 - NORTH ELEVATION  
SCALE: 1/4" = 1'-0"

**G.D. DESIGNS**  
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REMODELS  
REPAIRS  
SERVICES

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OWNER NAME AND ADDRESS  
**VICTOR LOPEZ**  
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TEL.: (661) 808-8825

PATIO ELEVATIONS

PROJECT NAME AND ADDRESS  
AS-BUILT OF TENANT IMPROVEMENT FOR:  
**MR. CLAMATO**  
51557 CESAR CHAVEZ ST.  
COACHELLA, CA. 92236  
A.P.N.: 768-323-013

NO.	REVISION/ISSUE	DATE
1	PLAN CHECK COMMENTS	09.28.2022

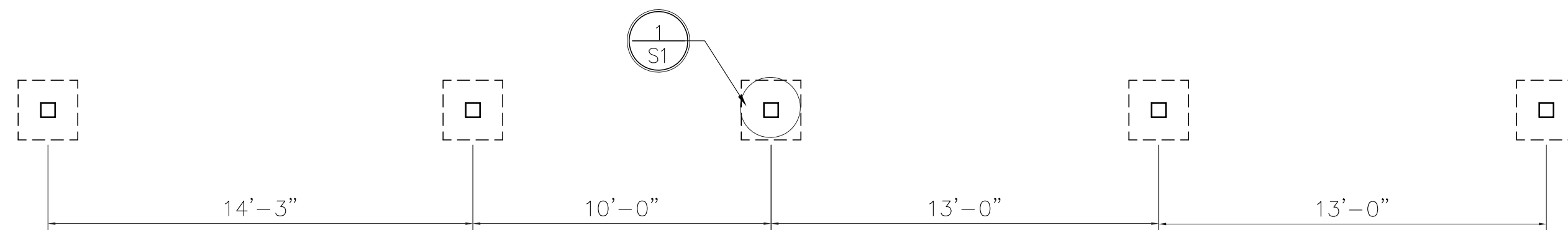
PROJECT: SHEET  
DATE: 12/21/22  
SCALE: AS NOTED  
**A4.0**



**APPROVED**  
Coachella Planning Division  
BY: gpenz DATE: 11/17/2023

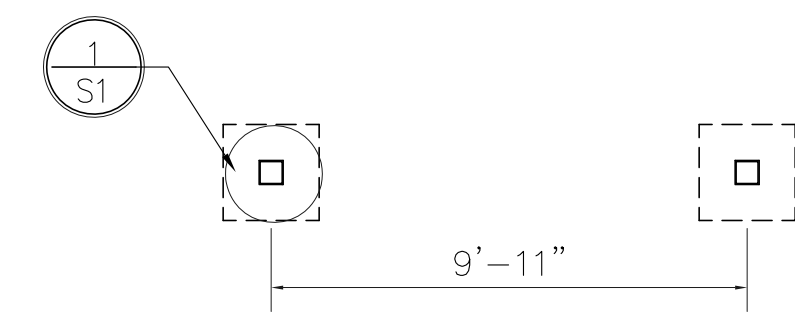
Approved  
Brian S. Lopez  
SCALE: 1/4" = 1'-0"





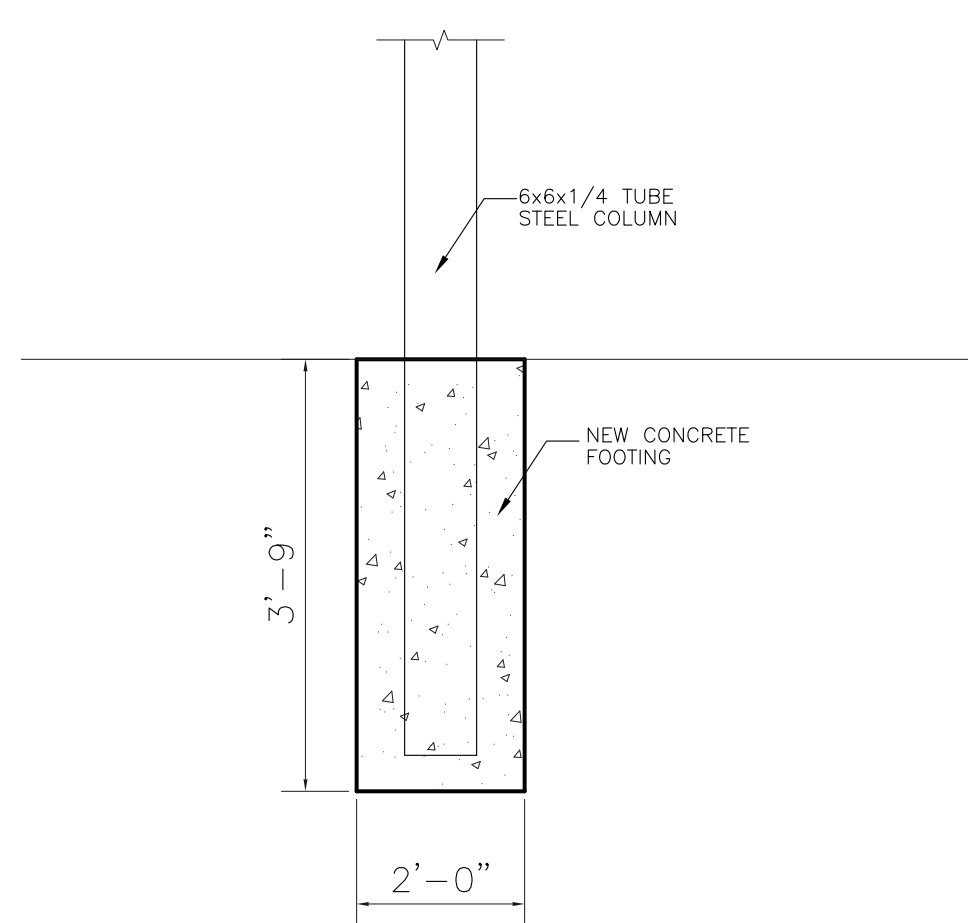
# FND PLAN (PATIO #1)

SCALE: 1/4" = 1'



# FND PLAN (PATIO #2)

SCALE: 1/4" = 1'



FOOTING DETAILS 1 N.T.S.

## GENERAL NOTES

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FOLLOWING CODES AS WELL AS FIRE CODES AND/OR LOCAL CODES AND ORDINANCES:

- 2019 CALIFORNIA BUILDING CODE (CBC)
- 2019 CALIFORNIA MECHANICAL CODE (CMC)
- 2019 CALIFORNIA PLUMBING CODE (CPC)
- 2019 CALIFORNIA ELECTRICAL CODE (CEC)
- AMERICAN CONCRETE INSTITUTE (ACI 318-99)

THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR FOR SAFETY PRECAUTIONS AND PROGRAMS OR FOR THE CONTRACTOR'S FAILURE TO PERFORM THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OF OMISSIONS OF THE CONTRACTOR OR ANY SUBCONTRACTOR OR FOR ANY OF THE WORK AGENTS OR EMPLOYEES OR ANY OTHER PERSON PERFORMING ANY OF THE WORK.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADEQUATELY SUPPORT ALL WALLS, TRUSSES, ETC. DURING CONSTRUCTION. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND BRACING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE STARTING WORK, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES, IN CASE OF CONFLICT.

WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, SUCH DETAILS SHALL BE THE SAME AS FOR SIMILAR WORK SHOWN ON THE DRAWINGS.

SHOULD DISCREPANCIES OCCUR ON THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.

THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONAL INFORMATION. ACTUAL DIMENSION NUMBERS SHOWN ON THE PLANS ARE TO BE USED. IF DIMENSIONAL CONFLICTS EXIST, NOTIFY THE ENGINEER IMMEDIATELY. ANY CONTRACTOR SCALING DRAWINGS FOR ANY PURPOSE DOES SO AT HIS OWN RISK AND IS RESPONSIBLE FOR ANY ERRORS AND MISTAKES WHICH MAY RESULT.

PRIOR TO THE CONTRACTOR REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE SOILS ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT: (WHEN REQUIRED BY THE SOILS REPORT)

- A. THE BUILDING PAD WAS PREPARED IN ACCORDANCE WITH THE SOILS REPORT
- B. THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED, AND
- C. THE FOUNDATION EXCAVATIONS COMPLY WITH THE INTENT OF THE SOILS REPORT.

THE TOTAL NUMBER OF EMPLOYEES PER SUITE DURING ANY GIVEN SHIFT SHALL NOT EXCEED THAT OF FOUR IF ONLY ONE RESTROOM IS PROVIDED.

NO HAZARDOUS MATERIALS WILL BE STORED AND/OR USED WITHIN THE BUILDING WHICH EXCEEDS THE QUANTITIES LISTED IN CBC TABLE 307.1(1) AND 307.1(2).

PENETRATIONS OF FIRE-RESISTIVE WALLS, FLOOR-CEILING AND ROOF CEILING ASSEMBLIES SHALL BE PROTECTED AS REQUIRED IN CBC SECTION 712.

NO "BUILT-IN" EQUIPMENT SHALL BE INSTALLED AT FIRE WALLS

ALL GLASS WINDOWS SHALL COMPLY WITH TABLE 2403.2.1

FIRE-RESISTIVE EXTERIOR WALL CONSTRUCTION SHALL BE MAINTAINED THROUGH ATTIC AREAS OR OTHER AREAS CONTAINING CONCEALED SPACES. SECTION 717

OBJECTS PROJECTING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27-INCHES AND 80-INCHES ABOVE THE FLOOR SHALL PROTRUDE NO MORE THAN 4-INCHES INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS OR AISLES. FREESTANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12-INCHES MAXIMUM FROM 27-INCHES TO 80-INCHES ABOVE THE GROUND OF FINISHED FLOOR. (THIS APPLIES TO ANY OBJECTS PROPOSED (IF ANY) AND ANY ADDITIONAL OBJECTS INSTALLED IN THE FUTURE BY OWNER OR TENANTS. CBC SECTION 1133B.6.8)

FIRE BLOCKS SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS PER CBC SECTION 717.2:

- A. IN CONCEALED SPACES OF WOOD STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS AS FOLLOWS: VERTICALLY AT THE CEILING AND FLOOR LEVELS AND HORIZONTALLY AT INTERVALS NOT EXCEEDING 10-FOOT.
- B. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCURS AT SOFFITS, DROP CEILINGS, COVE CEILINGS AND SIMILAR LOCATIONS.
- C. IN OPENINGS AROUND VENTS, PIPES, DUCTS CHIMNEYS, FIREPLACES AND SIMILAR OPENINGS WHICH AFFORD A PASSAGE FOR FIRE AT CEILING WITH NON-COMBUSTIBLE MATERIALS.
- D. AT OPENINGS BETWEEN ATTIC SPACES AND CHIMNEY CHASES FOR FACTORY-BUILT CHIMNEYS.

## REINFORCED CONCRETE NOTES

CONCRETE MIXES SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE PER TABLE 1904.2.2 AND ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4500 P.S.I. IN FOOTINGS UP TO TOP OF FORMS AT 28 DAYS CURE AND CONTAIN 6 SACKS OF TYPE V CEMENT PER CUBIC YARD AND 2500 PSI IN SLAB AT 28 DAYS CURE AND CONTAIN 6 SACKS OF TYPE V CEMENT PER CUBIC YARD. THE WATER CEMENT RATIO SHALL NOT EXCEED 0.45 BY WEIGHT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE IF ANY SPECIAL ADMIXTURES ARE REQUIRED FOR THIS JOB FOR ITEMS SUCH AS: IMPROVE DURABILITY, WATER REDUCTION, RETARDING SETTING TIME, ACCELERATING SETTING TIME, TEMPERATURE CONTROL, ELIMINATE ADVERSE EFFECTS OF REACTIVE AGGREGATES, IMPROVE WORKABILITY, PROVIDE WATER TIGHTNESS OR PROVIDE EXPANSION PRIOR TO HARDENING.

ALL ANCHOR BOLTS SHALL BE GRADE "A" CONFORMING TO A.S.T.M. A-307.

ANCHOR BOLTS SHALL BE SECURELY TIED IN PLACE PRIOR TO THE INSPECTING OR PLACING OF THE CONCRETE. ANCHOR BOLTS TO HAVE A MIN. 3" CONCRETE COVER OR BE EPOXY DIPPED FOR CORROSION PROTECTION

HOLD-DOWNS SHALL BE SECURELY NAILED TO FORMS PRIOR TO THE INSPECTING OF THE CONCRETE POUR.

WELDED MATS OF STEEL ESWWR CONFORM TO A.S.T.M. A-496 AND ASTM A 497.

ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO A.S.T.M. A-615Y #4 OR SMALLER SHALL BE GRADE 40 STEEL. ALL BARS #5 OR LARGER TO BE GRADE 60 BETTER.

MINIMUM PROTECTIVE COVER FOR REINFORCING STEEL:

ON EARTH SIDE WHEN PLACED AGAINST EARTH.....3"

ON EARTH SIDE WHEN FORMED.....2"

SLAB-ON-GRADE (WWF OR BARS) @ CL OF SLAB

IF A MINIMUM OF 3" CONCRETE COVER IS NOT POSSIBLE, THEY MUST BE EPOXY DIPPED.

ALL REINFORCING STEEL SHALL BE ADEQUATELY SUPPORTED BY CONCRETE CUBES W/ TIE WIRE, SPACERS, ETC. AND SHALL BE SECURELY TIED IN PLACE, BEFORE CONCRETE PLACING IS BEGUN.

LAP SPLICE CONTINUOUS REINFORCING STEEL 40 BAR DIAMETERS IN CONCRETE, OR 24 INCHES, WHICHEVER IS GREATER. STAGGER ALL SPLICES.

JOINTS: THE LOCATION OF ALL CONSTRUCTION, CONTROL AND WEAKENED PLANE JOINTS NOT SPECIFICALLY INDICATED ON THE DRAWINGS SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE PLACING OF THE CONCRETE. CONTROL JOINTS SHALL BE TOOLED AT TIME OF POUR OR SAW-CUT (WITH A "SOFT CUT" SAW) IMMEDIATELY AFTER FINISHING THE SLAB.

FOOTINGS SHALL EXTEND A MIN. OF 12" (INTERIOR) AND 18" (EXTERIOR) INTO PROPERLY COMPACTED FILL INTO FIRM UNDISTURBED NATURAL SOIL OR PROPERLY COMPACTED FILL.

## 2019 CALIFORNIA BUILDING CODE WIND PARAMETERS.

**WIND LOAD (W)**

- ULTIMATE WIND SPEED (3-SECOND GUST)= 123 MPH
- WIND EXPOSURE = C
- APPLICABLE INTERNAL PRESSURE COEFFICIENT: Kzt=1.0 ; z=1.29
- COMPONENTS AND CLADDING (THE DESIGN WIND PRESSURE IN TERMS OF PSF TO BE USED FOR THE DESIGN OF EXTERIOR COMPONENT AND CLADDING MATERIALS NOT SPECIFICALLY DESIGNED BY THE REGISTERED DESIGN PROFESSIONAL) PS= 24.8 PSF

## 2019 CALIFORNIA BUILDING CODE SITE PARAMETERS.

**SEISMIC DESIGN DATA**

- RISK CATEGORY = I,II,III
- SEISMIC IMPORTANCE FACTOR, I<sub>s</sub> = 1.0
- MAPPED SPECTRAL RESPONSE ACCELERATIONS S<sub>a</sub> AND S<sub>1</sub>= S<sub>a</sub> = 1.5g S<sub>1</sub> = 0.634g
- SITE CLASS = CLASS "D"
- DESIGN SPECTRAL RESPONSE COEFFICIENTS S<sub>Ds</sub> AND S<sub>D1</sub>= S<sub>Ds</sub> = 1.2g S<sub>D1</sub> = 0.634g
- SEISMIC DESIGN CATEGORY = "D"
- BASIC SEISMIC-FORCE-RESISTING SYSTEM(S) = CANTILEVER SYSTEM
- DESIGN BASE SHEAR V<sub>b</sub> = 0.96
- SEISMIC RESPONSE COEFFICIENT(S), C<sub>s</sub> = 0.98
- RESPONSE MODIFICATION FACTOR(S), R = 1.25
- ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE PROCEDURE

## ENGINEERING INSPECTION:

SPECIAL INSPECTION WILL BE PROVIDED FOR THE FOLLOWING:

ITEM	REQUIRED	REMARK
1.- Concrete Construction:	YES	
2.- Wood Construction:	YES	
3.- Masonry Construction:	YES	
4.- Welding Construction	YES	

## STRUCTURAL STEEL

1. MATERIAL AND WORKMANSHIP SHALL CONFORM TO A.I.S.C. SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. LATEST EDITION.
2. STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWINGS A.S.T.M. DESIGNATION:

MEMBER	DESIGNATION
STRUCTURAL TUBES	A500, GRADE B (F <sub>y</sub> = 45 KSI)
PIPE COLUMNS	A53, TYPE E OR S, GRADE B
"W" ROLLED SHAPES	A992 (F <sub>y</sub> = 50 KSI)
UNFINISHED BOLTS	A307
HIGH STRENGTH BOLTS	A325 U.N.O.
OTHER STRUCTURAL STEEL	A36

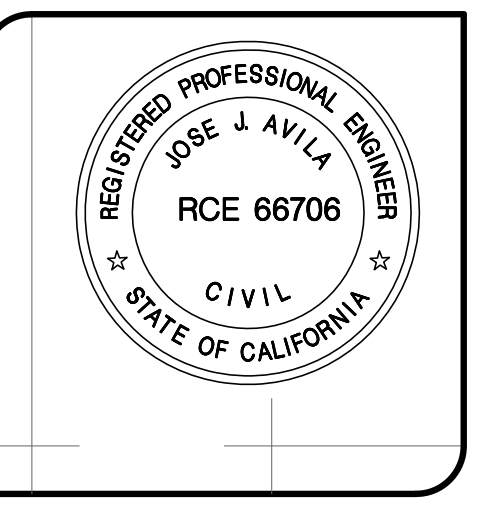
3. PROVIDE FULL BEARING ON UNTHREADED PORTION OF SHANK FOR BOLTS AT ALL STEEL MEMBER CONNECTIONS UNLESS NOTED OTHERWISE.
4. WELDS SHALL BE MADE ONLY BY CERTIFIED WELDERS AS PRESCRIBED IN THE STANDARD CODE FOR WELDING IN BUILDING CONSTRUCTION OF THE AMERICAN WELDING SOCIETY.
5. WELDING ELECTRODES: LOW HYDROGEN E70XX SERIES PER A.W.S. D1-1, UNLESS NOTED OTHERWISE.
6. ALL FIELD WELDING AND HIGH STRENGTH BOLTING SHALL BE UNDER CONTINUOUS SPECIAL INSPECTION. SPECIAL INSPECTION NEED NOT BE CONTINUOUSLY PRESENT DURING WELDING OF SINGLE-PASS FILLET WELDS NOT GREATER THAN 5/16" IN SIZE, PROVIDED THE MATERIALS AND QUALIFICATIONS OF WELDING PROCEDURES AND WELDERS ARE VERIFIED PRIOR TO THE START OF WORK; PERIODIC INSPECTIONS ARE MADE OF WORK IN PROGRESS; AND VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO COMPLETION OR PRIOR TO SHIPMENT OF SHOP WELDING.
7. SHOP WELDING MUST BE DONE BY A FABRICATOR APPROVED AND RECOGNIZED BY THE BUILDING OFFICIAL OR WELDING MUST HAVE CONTINUOUS SPECIAL INSPECTION. A RECOGNIZED TESTING LAB IS ONE SUPERVISED BY A STATE REGISTERED ENGINEER. A CERTIFICATE OF PERFORMANCE SHALL BE SUBMITTED TO THE DEPARTMENT OF BUILDING INSPECTION AND THE ENGINEER FOR ALL SHOP WELDED WORK.
8. THE CONSTRUCTOR SHALL SUBMIT DETAILED SHOP DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL MEMBERS SHOWN OR BY ENG. & SURV., INC. DRAWINGS, INCLUDING SPECIAL FABRICATED STEEL WOOD-TO-WOOD CONNECTORS. REQUIRED SHOP DRAWINGS SHALL SHOW MEMBER LAYOUT, SIZE, LENGTH, BOLT HOLE SIZES AND LOCATIONS, CONNECTION DETAILS, GRADE AND ERECTION PROCEDURES.
9. HIGH-STRENGTH BOLTS, NUTS AND WASHERS MAY BE REQUIRED TO BE SAMPLED, TESTED AND APPROVED BY THE COUNTY OF IMPERIAL, INSPECTION SERVICES DIVISION PRIOR TO THE INSTALLATION.
10. SPECIAL INSPECTION IS REQUIRED FOR BOLTED CONNECTIONS UTILIZING ACCORDANCE WITH APPROVED, NATIONALLY RECOGNIZED STANDARDS AND THE REQUIREMENTS OF CHAPTER 17, WHILE THE WORK IS IN PROGRESS, THE SPECIAL INSPECTOR SHALL DETERMINE THAT THE REQUIREMENTS FOR BOLTS, NUTS, WASHERS AND PAINT; BOLTED PARTS; AND INSTALLATION AND TIGHTENING IN SUCH STANDARDS ARE MET. SUCH INSPECTIONS MAY BE PERFORMED ON A PERIODIC BASIS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1701.6. THE SPECIAL INSPECTOR SHALL OBSERVE THE CALIBRATION PROCEDURE. CALIBRATION PROCEDURES ARE REQUIRED BY THE PLANS OR SPECIFICALLY INDICATED BY THE ENGINEER TO DETERMINE THE CONNECTED MATERIALS HAVE BEEN DRAWN TOGETHER AND THE PROCEDURE IS PROPERLY USED TO TIGHTEN ALL BOLTS. MENTIONED REQUIREMENTS ON THE SPECIAL INSPECTION 1701.5 ITEM #6)

APPROVED  
Coachella Planning Division  
By: gomez DATE: 11/28/23



Approved  
Brian F Gumpert CBO

MR CLAMATO  
VICTOR LOPEZ  
51-657 CESAR CHAVEZ ST  
COACHELLA CA 92236  
DATE: 11/29/2023



NO.	DESCRIPTION	DATE	BY

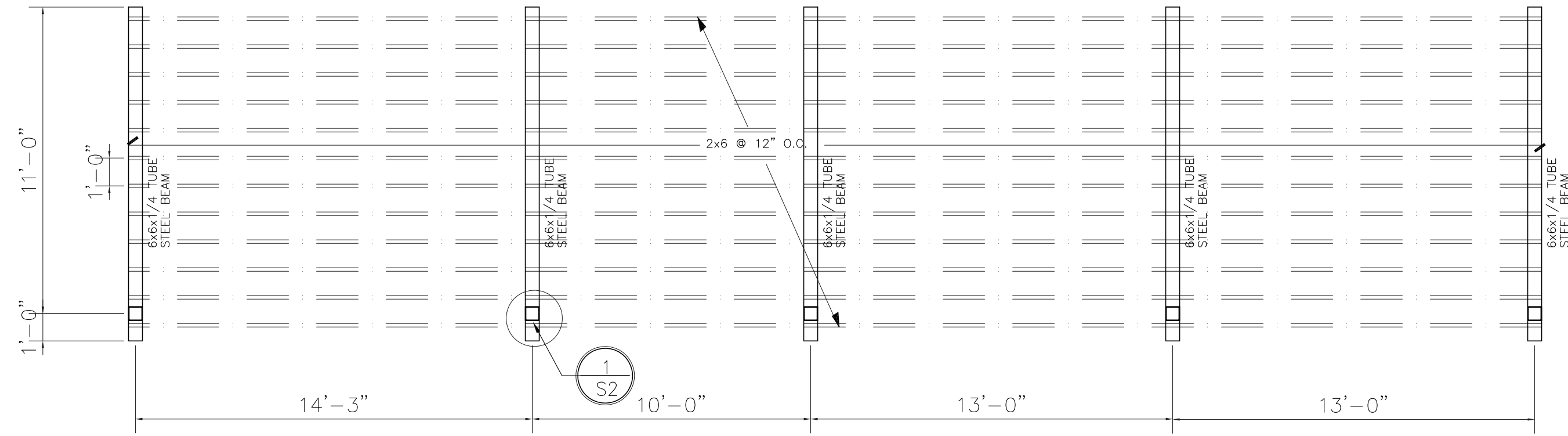
NOTE: THE ENGINEER'S SEAL, TYPED BELOW, INDICATES THAT THE METHOD OF ANALYSIS, PRESENTED IS CONSISTENT WITH ACCEPTED ENGINEERING PRACTICES AND CODE ACCEPTED DESIGN VALUES AND THAT THIS ENGINEER IS ONLY RESPONSIBLE FOR THE DESIGN OF CIVIL ENGINEERING WORK SHOWN ON THIS PLAN.

11/28/23  
DATE  
JOSE J. AVILA M&PE  
R.C.E. NO. 66706

FOUNDATION PLAN

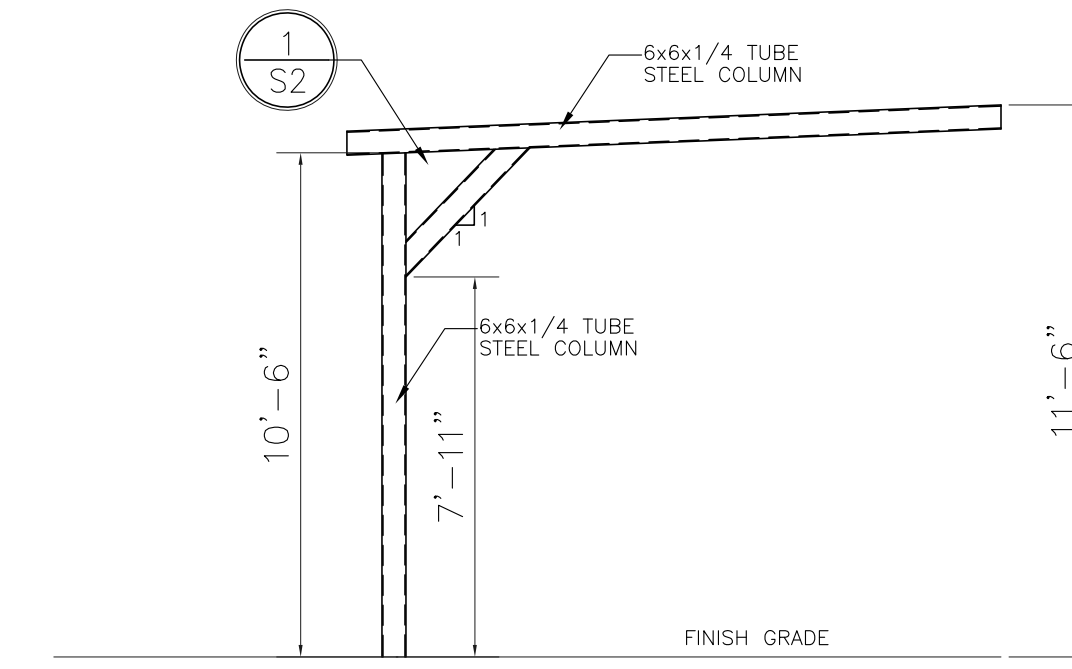
FOUNDATION PLAN  
SHEET: 1 OF 2





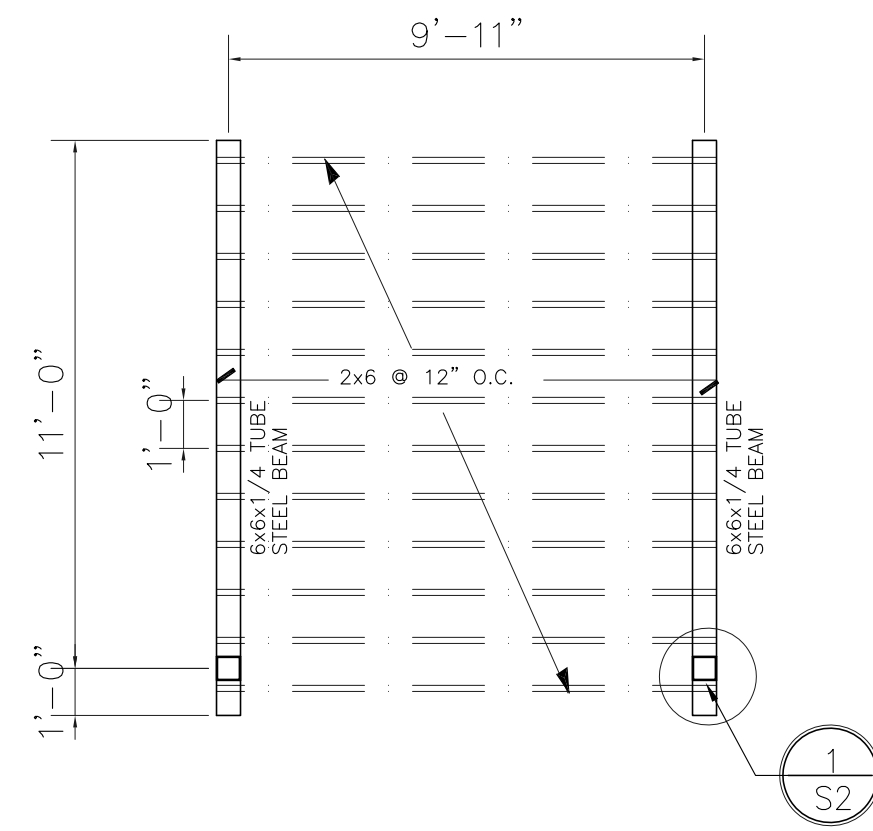
### ROOF FRAMING PLAN (PATIO #1)

SCALE: 1/4" = 1'



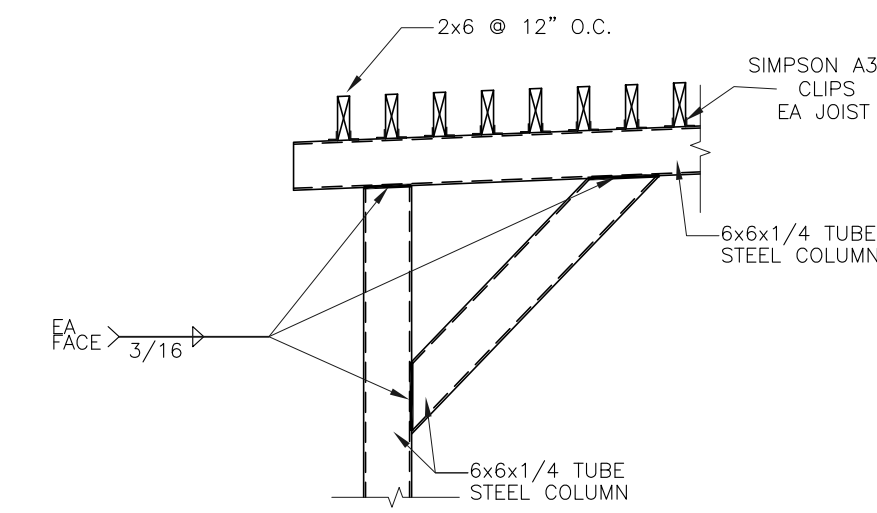
### TYP. PATIO ELEVATION

SCALE: 1/4" = 1'



### ROOF FRAMING PLAN (PATIO #2)

SCALE: 1/4" = 1'



### CONNECTION DETAILS

1 N.T.S.

MR CLAMATO  
VICTOR LOPEZ  
51-567 CESAR CHAVEZ ST  
COACHELLA CA 92236  
DATE: 11/29/2022



NO.	DESCRIPTION	DATE	BY

NOTE: THE ENGINEER'S SEAL, LISTED BELOW, INDICATES THAT THE METHOD OF ANALYSIS PRESENTED IS CONSISTENT WITH ACCEPTED ENGINEERING PRACTICES AND CODE ACCEPTED DESIGN VALUES AND THAT THIS ENGINEER IS ONLY RESPONSIBLE FOR THE DESIGN OF CIVIL ENGINEERING WORK SHOWN ON THIS PLAN.

JOSE J. AVILA Ms.PE  
R.C.E. NO. 66706  
DATE: 11/28/22

APPROVED  
Coachella Planning Division  
BY: gpenz DATE: 01/17/2023



Approved  
Brian F Gumpert CBO

ROOF FRAMING PLAN  
SHEET: 2 OF 2