



# T.I. EXTERIOR PERMIT SET & RESTROOMS RELOCATION

8201 Old Redwood Hwy, Suite 'A'  
Cotati, CA 94931  
REFERENCE TO PERMIT #: BP 24010

**PLAN CHECK NOTE:**  
\*A CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL ALL SUBSEQUENT PERMITS ARE ISSUED, INSPECTIONS COMPLETED AND THE BUILDING MEETS CURRENT 2022 CODE REQUIREMENTS\*

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## Project Team

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## Symbol Legend

|  |                                   |  |                       |  |                     |
|--|-----------------------------------|--|-----------------------|--|---------------------|
|  | NORTH ARROW                       |  | CEILING FINISH        |  | CEILING TAG         |
|  | COVER SHEET<br>Scale: Actual Size |  | CEILING HEIGHT A.F.F. |  | DOOR TAG            |
|  | ELEVATION NUMBER                  |  | PARTITION TYPE        |  | FINISH TAG          |
|  | SHEET NUMBER                      |  | SECTION TAG           |  | SHEET KEY NOTE      |
|  | SECTION NUMBER                    |  | STRUCTURAL GRID       |  | DATUM               |
|  | DETAIL REFERENCE                  |  | Benchmark Title       |  | Benchmark Elevation |
|  | REVISION TAG                      |  | NAME                  |  | ROOM TAG            |

## Project Data

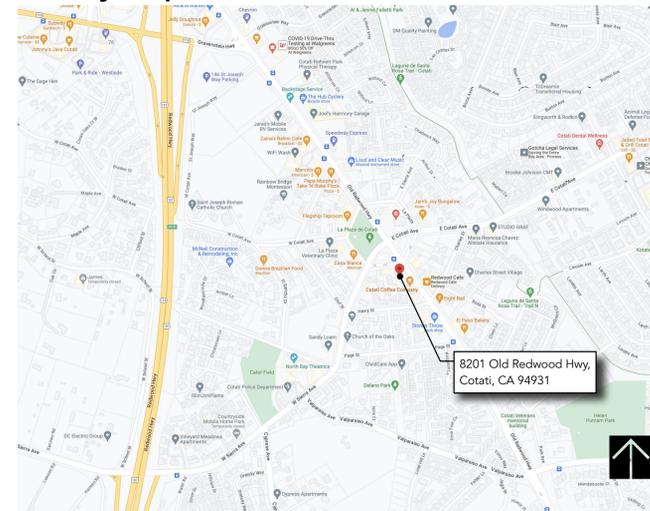
**SCOPE OF WORK:**  
THE SCOPE OF WORK OF THIS SUBMITTAL INCLUDES THE MODIFICATION OF AN APPROVED PERMIT (BP 24010), LIMITED TO MINOR EXTERIOR TENANT IMPROVEMENTS TO A PORTION OF THE FACADE ALONG OLD RAILROAD HIGHWAY, AND THE RELOCATION OF THE ALREADY APPROVED NEW ADA COMPLIANT RESTROOMS TO THE SIDE OF THE BUILDING FACING THE PARKING LOT.

**OCCUPANCY GROUP:** A-2  
**CONSTRUCTION TYPE:** V-8  
**SQUARE FOOTAGE:** 3,882 SF  
**NUMBER OF STORIES:** 1  
**BUILDING HEIGHT:** VARIES, MAX. HEIGHT: 20'-0"  
**FIRE SPRINKLER:** YES

**CODE INFO:**  
2022 CALIFORNIA BUILDING CODE  
2022 CALIFORNIA ELECTRICAL CODE  
2022 CALIFORNIA MECHANICAL CODE  
2022 CALIFORNIA PLUMBING CODE  
2022 CALIFORNIA ENERGY CODE (TITLE 24)  
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

**DEFERRED SUBMITTALS:**  
-EXTERIOR SIGNAGE

## Vicinity Map



## Site Map



PROJECT: **Ayawaska Cotati**

8201 Old Redwood Hwy, Suite 'A'  
Cotati, CA 94931  
APN: 144-265-002

DATE: 08.15.2025  
JOB NO:  
SCALE: As Noted  
PHASE:

SUBMITTAL  
PERMIT SUBMITTAL 09/25/25

COVER SHEET

SHEET NUMBER

**A0.0**

## General Notes

- ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS WHICH INCLUDES THE DRAWINGS, SPECIFICATIONS, ADDENDUMS AND/OR MODIFICATIONS ISSUED BY THE ARCHITECT AND/OR ITS CONSULTANTS.
- THE GENERAL CONTRACTOR SHALL REVIEW ALL DOCUMENTS AND VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND SHALL CONFIRM THAT WORK IS BUILDABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS, ETC., SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PERFORMANCE OF ANY WORK IN QUESTION.
- PRE-CONSTRUCTION MEETING: BEFORE STARTING ANY WORK, THE CONTRACTOR SHALL MEET AT THE PROJECT SITE WITH THE OWNER AND ARCHITECT IN ORDER TO REVIEW THE SCOPE OF WORK.
- COORDINATION OF WORK: THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL TRADES AND ALL WORK INCLUDING, BUT NOT LIMITED TO: CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND AFS SYSTEMS. IN CASE OF CONFLICT BETWEEN ARCHITECTS AND CONSULTANTS DRAWINGS IN LOCATING MATERIALS AND/OR EQUIPMENT, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.
- COMMENCEMENT OF WORK SHALL BE DEEMED AS THE CONTRACTOR'S ACKNOWLEDGMENT OF ALL WORK NEEDED TO COMPLETE PROJECT IN CONFORMANCE WITH CONTRACT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ORDERS, SUBMITTALS AND IMPLEMENTATION OF LONG LEAD TIME ITEMS. SUBSTITUTIONS WILL NOT BE CONSIDERED RESULTING FROM THE CONTRACTOR'S UNTIMELY ORDERING OF PRODUCTS AND/OR MATERIALS.
- PERMITS: THE CONTRACTOR SHALL APPLY FOR, AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS REQUIRED BY ALL APPLICABLE REGULATORY AGENCIES GOVERNING THIS WORK. THE CONTRACTOR SHALL ARRANGE FOR INSPECTIONS NECESSARY TO OBTAIN A CERTIFICATE OF OCCUPANCY.
- BUILDING OWNER REGULATIONS:
  - THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE BUILDING OWNER REGARDING SITE ACCESS, DELIVERIES, HANDLING OF MATERIALS, DEBRIS, ETC.
  - SCHEDULE CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE CITY'S ORDINANCES.
  - REVIEW PROPOSED WORK SCHEDULE WITH OWNER BEFORE STARTING WORK.
- WHERE U/L, GA, OR UBC CONSTRUCTION ASSEMBLIES ARE DESIGNATED, THE COMPONENTS AND INSTALLATION DETAILS MUST CONFORM IN EVERY DETAIL OF THE DESIGN NUMBER SPECIFIED. WORK AREAS TO REMAIN SECURE AND LOCKABLE DURING CONSTRUCTION.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN PARTITION LOCATIONS, DIMENSIONS AND TYPES. DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON CONSTRUCTION PLAN. IN CASE OF CONFLICT, NOTIFY ARCHITECT FOR WRITTEN CLARIFICATION PRIOR TO PROCEEDING WITH CONSTRUCTION.
- THE CONTRACT DOCUMENTS ARE COMPLIMENTARY. WHAT IS SHOWN OR REFERRED TO, AT A GIVEN LOCATION, SHALL BE PROVIDED AS THOUGH SHOWN ON ALL (U.O.N.).
- ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE, TO CENTERLINES OF COLUMNS AND OTHER GRID POINTS & TO CENTERLINES OF DOORS AND OTHER SCHEDULED OPENINGS UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO BE EXACT WITHIN 1/4" FULL WIDTH OF WALLS. CONTRACTOR SHALL NOT ADJUST ANY DIMENSIONS MARKED "CLEAR" OR "CLR".
- THE CONTRACTOR IS RESPONSIBLE FOR ALL CONCRETE FLOORS TO BE LEVEL AND FREE FROM SCALING. CONTRACTOR SHALL REPORT ANY VARIATIONS IN FLOOR LEVEL GREATER THAN 1/4" IN 10'-0" (NON-CUMULATIVE) TO ARCHITECT.
- OFFSET STUDS WHERE REQUIRED TO ALIGN FINISH MATERIALS.
- "TYPICAL" OR "TYP" SHALL MEAN THAT THE CONDITION IS REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT, UNLESS OTHERWISE NOTED. DETAILS ARE USUALLY KEYED AND NOTED "TYP" ONLY ONCE, WHEN THEY FIRST OCCUR.
- "ALIGN" SHALL MEAN ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
- "SIMILAR" OR "SIM" MEANS COMPARABLE CHARACTERISTICS FOR ITEM NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN AND ELEVATION AND OR DETAIL.
- COORDINATE ACCESS PANEL, CLEANOUT, AND THE LIKE LOCATIONS (FOR CONCEALED ITEMS) WITH APPROPRIATE CONTRACTOR.
- SUBSTITUTIONS, REVISIONS, OR CHANGES MUST BE SUBMITTED TO ARCHITECT FOR REVIEW (IN CONFORMANCE WITH SPECIFIED PROCEDURES) PRIOR TO PURCHASE, FABRICATIONS OR INSTALLATION.
- OWNER WILL PROVIDE WORK NOTED "BY OTHERS" OR "NIC" UNDER SEPARATE CONTRACT. INCLUDE SCHEDULE REQUIREMENTS IN CONSTRUCTION PROGRESS SCHEDULE AND COORDINATE TO ASSURE ORDERLY SEQUENCE OF INSTALLATION.
- ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED PER MFR.'S INSTRUCTIONS. IN CASE OF DIFFERENCES BETWEEN THE MANUFACTURER'S INSTRUCTIONS AND CONTRACT DOCUMENTS, THE G.C. SHALL NOTIFY THE ARCHITECT BEFORE PROCEEDING.
- RECORD DRAWINGS: DURING THE COURSE OF CONSTRUCTION, ACTUAL LOCATION OF ITEMS AND/OR DEVIATIONS FROM THE DRAWINGS SHALL BE INDICATED IN THE RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND SUBMIT TO OWNER UPON COMPLETION OF WORK.
- AIR MOVING SYSTEMS SUPPLYING AIR IN EXCESS OF 2,000 CFM'S TO ENCLOSED SPACES WITHIN THE BUILDING SHALL BE EQUIPPED WITH AN AUTOMATIC SHUT-OFF.
- ANY STOCKPILED BUILDING MATERIALS WITH THE POTENTIAL TO POLLUTE STORM WATER RUNOFF SHALL BE PROPERLY CONTAINED AND COVERED TO PREVENT ANY SUCH POLLUTION.

## Fire / Life Safety Notes

- PROVIDE EXIT SIGN WITH 4" LETTERS OVER REQUIRED EXITS, WHERE SHOWN ON DRAWINGS, AND ADDITIONAL SIGNS REQUIRED BY BUILDING DEPARTMENT INSPECTOR AND/OR FIRE DEPARTMENT INSPECTOR. CONNECT EXIT SIGNS TO EMERGENCY POWER CIRCUITS.
- MAINTAIN AISLES AT LEAST 44" WIDE AT PUBLIC AREAS.
- PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A WITHIN 75 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE TENANT SPACE. VERIFY ACCEPTABLE LOCATIONS WITH LOCAL FIRE MARSHALL AND ARCHITECT.
- EMERGENCY LIGHTING IS DESIGNED TO GIVE UNIFORM MINIMUM VALUE OF ONE FOOT-CANDLE AT FLOOR LEVEL AT ALL LOCATIONS OF TENANT SPACE.
- EMERGENCY WARNING SYSTEMS SHALL WARN THE HEARING IMPAIRED - "VISUAL WARNING" STROBE LIGHTS TO HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.
- EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE. ALL DOORS SHALL HAVE APPROVED LEVER HANDLES.
- DECORATIONS (CURTAINS, DRAPES, SHADES, HANGINGS, ETC.) SHALL BE NON-COMBUSTIBLE OR BE FLAME PROOFED BY AN APPROVED REGULATORY AGENCY.
- PROVIDE FIRE DAMPERS OR DOORS WHERE AIR DUCTS PENETRATE FIRE-RATED WALLS OR CEILINGS. (IF APPLICABLE)
- STORAGE, DISPENSING AND/OR USE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS, FLAMMABLE GAS AND HAZARDOUS CHEMICALS SHALL COMPLY WITH CALIFORNIA FIRE CODE 106.2.1 REQUIREMENTS. (IF APPLICABLE)
- AT RATED ASSEMBLIES WOOD BLOCKING SHALL BE FIRE TREATED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS. (IF APPLICABLE)
- LOCATE THE CENTER OF FIRE ALARM INITIATING DEVICES 46" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK. REVIEW LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE FIRE/LIFE SAFETY SIGNAGE AS REQUIRED BY CODE AND LOCAL CONTROLLING AGENCIES.
- ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL HAVE AN APPROVED DESIGN LISTING/NUMBER. ANY EQUIPMENT NOT LISTED WILL BE REQUIRED TO BE FIELD TESTED AND CERTIFIED BY AN APPROVED TESTING AGENCY. IT IS THE RESPONSIBILITY OF THE OWNER AND HIS DESIGN/CONSTRUCTION TEAM TO NOTIFY THE BUILDING DEPARTMENT IF FIELD-TESTING IS REQUIRED. PROOF OF EQUIPMENT CERTIFICATION WILL NEED TO BE SUBMITTED AND APPROVED BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED.
- TENANT SHALL INSTALL SUPRA KEY BOXES AS REQUIRED BY THE FIRE DEPARTMENT, IF NOT EXISTING.
- THE FIRE SPRINKLER SYSTEM REQUIRES A SEPARATE SUBMITTAL BY A LICENSED FIRE SPRINKLER CONTRACTOR. NO WORK SHALL COMMENCE ON THE FIRE SPRINKLER WITHOUT FIRST OBTAINING A FIRE SPRINKLER PERMIT FROM THE FIRE DEPARTMENT.
- FIRE SPRINKLERS ARE REQUIRED THROUGHOUT THE BUILDING, INCLUDING ALL CONCEALED SPACES. FIRE SPRINKLER SPACING SHALL NOT EXCEED 130 S. F.
- THE FIRE ALARM SYSTEM REQUIRES A SEPARATE SUBMITTAL. NO WORK SHALL COMMENCE WITHOUT FIRST OBTAINING A FIRE ALARM PERMIT FROM THE FIRE DEPARTMENT.
- A KITCHEN HOOD FIRE-EXTINGUISHING SYSTEM IS REQUIRED IN EACH TYPE 1 KITCHEN HOOD.
- A FIRE ALARM SYSTEM IS REQUIRED WHERE THE OCCUPANT LOAD EXCEEDS 500. THE FIRE ALARM SYSTEM SHALL BE SUBMITTED TO THE FIRE PREVENTION BUREAU FOR APPROVAL PRIOR TO INSTALLATION OF THE SYSTEM.

## Abbreviations

|         |   |        |                               |
|---------|---|--------|-------------------------------|
| AC      | ASPHALTIC CONCRETE                        | KIT    | KITCHEN                       |
| ACC     | ACCESSIBLE                                | KO     | KNOCK-OUT                     |
| ACT     | ACOUSTICAL CEILING TILE                   | KP     | KICK PLATE                    |
| AD      | AREA DRAIN                                |        |                               |
| ADJ     | ADJUSTABLE                                | L      | LONG/LEFT HAND                |
| AFJ     | ABOVE FINISHED FLOOR                      | LAB    | LABORATORY                    |
| AGGR    | AGGREGATE                                 | LAM    | LAMINATE, LAMINATED           |
| AHU     | AIR HANDLING UNIT                         | LAV    | LAVATORY                      |
| ALT     | ALTERNATE                                 | LG.    | LG.                           |
| ALUM    | ALUMINUM                                  | LL     | LANDLORD                      |
| ANOD    | ANODIZED                                  | LT     | LIGHT                         |
| APPROX  | APPROXIMATE/APPROXIMATELY                 |        |                               |
| ARCH    | ARCHITECT, ARCHITECTURAL                  | MATL   | MATERIAL                      |
| AV      | AUDIO VISUAL                              | MAX    | MAXIMUM                       |
| Ø       | AT  | MECH   | MECHANICAL                    |
|         |   | MED    | MEDIUM                        |
| BB      | BULLETIN BOARD                            | MEMB   | MEMBRANE                      |
| BD      | BOARD                                     | MEZZ   | MEZZANINE                     |
| BLDG    | BUILDING                                  | MGT    | MANAGEMENT                    |
| BLKG    | BLOCKING                                  | MGR    | MANAGER                       |
| BO      | BOTTOM OF                                 | MFR    | MANUFACTURER                  |
| BRZ     | BRONZE                                    | MH     | MANHOLE                       |
| BSMT    | BASEMENT                                  | MIN    | MINIMUM, MINUTE               |
|         |   | MISC   | MISCELLANEOUS                 |
| CB      | CATCH BASIN                               | MTL    | METAL                         |
| CEM     | CEMENT, CEMENTITIOUS                      | MW     | MICROWAVE                     |
| CFLG    | COUNTERFLASHING                           |        |                               |
| CIP     | CAST-IN-PLACE                             | (N)    | NEW                           |
| CJ      | CONTROL JOINT                             | N      | NORTH                         |
| CL      | CENTERLINE, CLOSET                        | NIC    | NOT IN CONTRACT               |
| CLG     | CEILING                                   | NO     | NUMBER                        |
| CLKG    | CAULKING                                  | NOM    | NOMINAL                       |
| CLR     | CLEAR                                     | NTS    | NOT TO SCALE                  |
| CMU     | CONCRETE MASONRY UNIT                     |        |                               |
| CONTR   | COUNTER                                   | OA     | OVERALL                       |
| CO      | CLEAN OUT, CASED OPENING                  | OC     | ON CENTER                     |
| COLM    | COLUMN                                    | OD     | OUTSIDE DIAMETER              |
| COMM    | COMMUNICATION                             | OH     | OVERHEAD                      |
| CONC    | CONCRETE                                  | OPNG   | OPENING                       |
| CONN    | CONNECTION, CONNECT                       | OPP    | OPPOSITE/OPPOSITE HAND        |
| CONSTR  | CONSTRUCTION                              | ORD    | OVERFLOW ROOF DRAIN           |
| CONT    | CONTINUOUS, CONTINUE                      | OTS    | OPEN TO STRUCTURE ABOVE       |
| CSWK    | CASEWORK                                  |        |                               |
| CT      | CERAMIC TILE                              | PBD    | PARTICLEBOARD                 |
| CTR     | CENTER                                    | PC     | PRECAST                       |
| CU      | CUBIC                                     | PERP   | PERPENDICULAR                 |
|         |   | PD     | PLANTER DRAIN                 |
| D       | DEEP                                      | PERP   | PERPENDICULAR                 |
| DEMO    | DEMOLISH, DEMOLITION                      | PLAS   | PLASTER                       |
| DEPT    | DEPARTMENT                                | PLYWD  | PLYWOOD                       |
| DET     | DETAIL                                    | PNL    | PANEL                         |
| DIA     | DIAMETER                                  | PL     | PROPERTY LINE                 |
| DIAG    | DIAGONAL                                  | PR     | PAIR                          |
| DIM     | DIMENSION                                 | PRK    | PARKING                       |
| DIR     | DIRECTION                                 | PROP   | PROPERTY                      |
| DISP    | DISPENSER                                 | PT     | POINT, PRESSURE TREATED       |
| DIV     | DIVIDE, DIVISION                          | PTN    | PARTITION                     |
| DN      | DOWN                                      |        |                               |
| DO      | DOOR OPENING                              | QT     | QUARRY TILE                   |
| DR      | DOOR                                      |        |                               |
| DS      | DOWNSPOUT                                 | R      | RADIUS, RISER, RIGHT HAND     |
| DW      | DISHWASHER                                | RCP    | REFLECTED CEILING PLAN        |
| DWG     | DRAWING                                   | RD     | ROOF DRAIN, ROAD              |
|         |   | REF    | REFER TO, REFERENCE           |
|         |   | REFR   | REFRIGERATOR                  |
| E       | EXISTING                                  | REIN   | REINFORCED, REINFORCING       |
| EA      | EACH                                      | REQD   | REQUIRED                      |
| EIP     | EXTERIOR INSULATION AND FINISH SYSTEM     | REV    | REVISED, REVISION             |
| EJ      | EXPANSION JOINT                           | RGR    | REGISTER                      |
| ELEC    | ELECTRIC, ELECTRICAL                      | RFG    | ROOFING                       |
| ELEV    | ELEVATOR, ELEVATION                       | RM     | ROOM                          |
| ENCL    | ENCLOSE, ENCLASURE                        | RO     | ROUGH OPENING                 |
| EQ      | EQUAL                                     | RT     | RICH                          |
| EQUIP   | EQUIPMENT                                 | RWD    | REDWOOD                       |
| EXH     | EXHAUST                                   |        |                               |
| EXIST   | EXISTING                                  | S      | SOUTH                         |
| EXT     | EXTERIOR                                  | SC     | SOLID CORE                    |
|         |   | SCHED  | SCHEDULE                      |
| FA      | FIRE ALARM                                | SCW    | SOLID CORE WOOD               |
| FD      | FLOOR DRAIN                               | SECT   | SECTION                       |
| FDX     | FIRE DEPARTMENT CONNECTION                | SF     | SQUARE FOOT                   |
| FE      | FIRE EXTINGUISHER                         | SIM    | SIMILAR                       |
| FEC     | FIRE EXTINGUISHER CABINET                 | SM     | SMALL                         |
| FH      | FIRE HYDRANT                              | SPEC   | SPECIFICATION                 |
| FHC     | FIRE HOSE CABINET                         | SPKLR  | SPRINKLER                     |
| FIN     | FINISH, FINISHED                          | SPKR   | SPEAKER                       |
| FIXTURE | FIXTURE                                   | SO     | SQUARE                        |
| FOOT    | FACE OF FINISH                            | SS     | SERVICE SINK, STAINLESS STEEL |
| FP      | FIRE PROTECTION                           | STD    | STANDARD                      |
| FR      | FIRE RATED                                | STL    | STEEL                         |
| FRP     | FIBERGLASS REINFORCED PANEL               | STRUCT | STRUCTURAL                    |
| FS      | FLOOR SINK                                | SUSP   | SUSPENDED                     |
| FT      | FOOT, FEET                                | SYM    | SYMMETRICAL                   |
| PVC     | FIRE HOSE VALVE CABINET                   |        |                               |
| PWC     | FABRIC WALL COVERING                      | T&G    | TONGUE AND GROOVE             |
|         |   | TEL    | TELEPHONE                     |
| GA      | GALVE                                     | TEMP   | TEMPERATURE, TEMPORARY        |
| GALV    | GALVANIZED                                | THK    | THICK, THICKNESS              |
| GC      | GENERAL CONTRACTOR                        | TO     | TOP OF                        |
| GL      | GLASS                                     | TSTAT  | THERMOSTAT                    |
| GND     | GROUND                                    | TV     | TELEVISION                    |
| GR      | GRADE                                     | TYP    | TYPICAL                       |
| GWB     | GYPSPUM WALL BOARD                        | UCN    | UNLESS OTHERWISE NOTED        |
| GYP     | GYPSPUM BOARD                             | UR     | URINAL                        |
| GYP BD  | GYPSPUM WALL BOARD                        |        |                               |
|         |   | VB     | VAPOR BARRIER                 |
| H       | HIGH                                      | VERT   | VERTICAL                      |
| HD      | HAND DRYER                                | VEST   | VESTIBULE                     |
| HDW     | HARDWARE                                  | VIF    | VERIFY IN FIELD               |
| HR      | HOUR                                      | VOC    | VOLATILE ORGANIC COMPOUNDS    |
| HT      | HEIGHT                                    | VR     | VAPOR RETARDER                |
| HVAC    | HEATING, VENTILATING AND AIR CONDITIONING | VWC    | VINYL WALLCOVERING            |
|         |   | W      | WEST, WIDE                    |
| ID      | INSIDE DIAMETER                           | W/     | WITH                          |
| INCL    | INCLUDING, INCLUDING                      | W/O    | WITHOUT                       |
| INFO    | INFORMATION                               | WC     | WATER CLOSET, WALLCOVERING    |
| INSUL   | INSULATE, INSULATION                      | WD     | WOOD                          |
| INT     | INTERIOR                                  | WH     | WALL HYDRANT, WATER HEATER    |
|         |   | WLD    | WELDED                        |
| JB      | JUNCTION BOX                              | WT     | WEIGHT                        |
| JT      | JOINT                                     | WWF    | WELDED WIRE FABRIC            |

three60



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PERMIT SUBMITTAL 09/25/25

ABBREVIATIONS & NOTES

SHEET NUMBER

**A0.1**



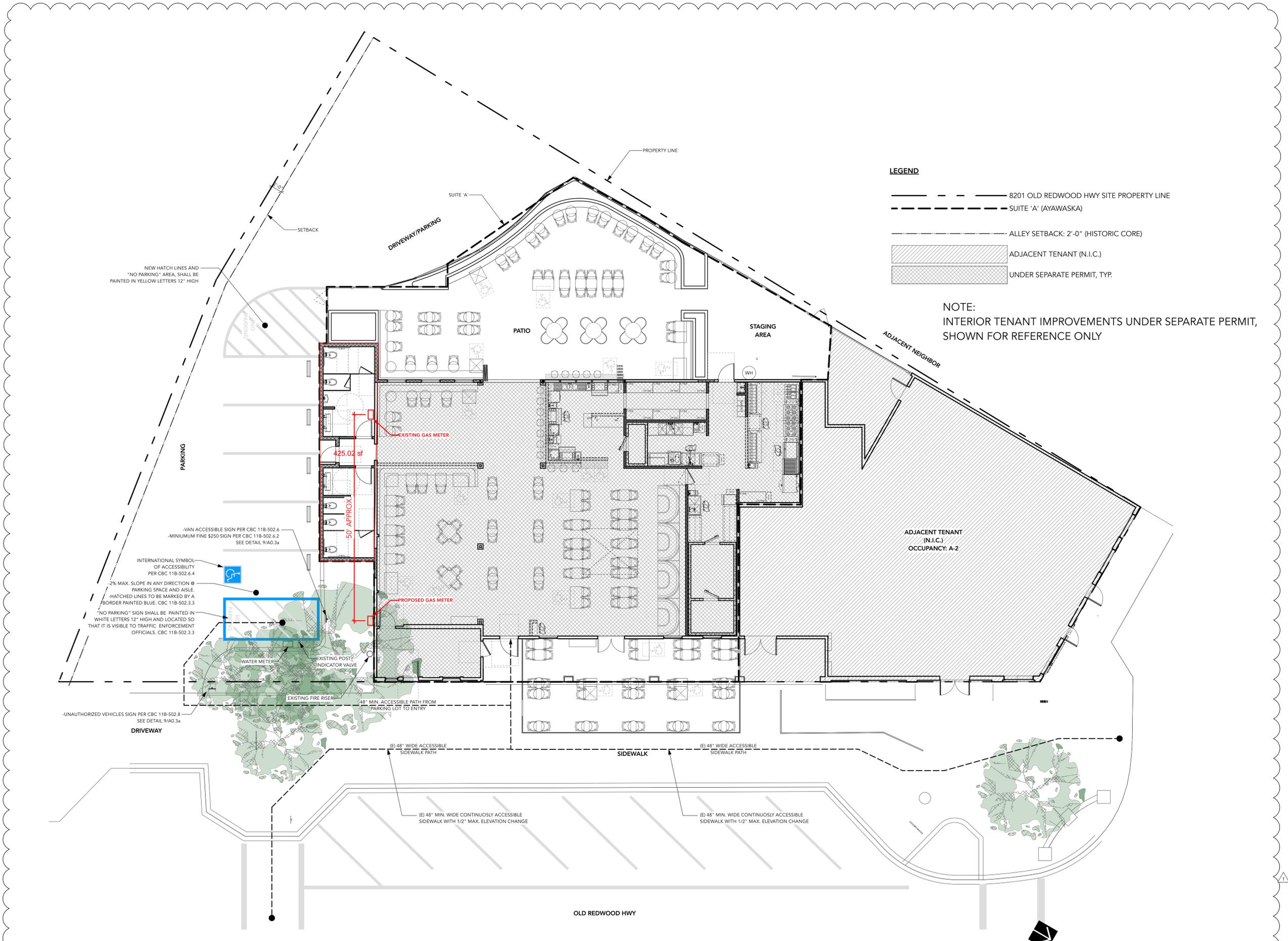
PROJECT: **Ayawaska Cotati**

8201 Old Redwood Hwy, Suite 'A'  
Cotati, CA 94931  
APN: 144263-002

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SITE PLAN

SHEET NUMBER  
**A0.2**

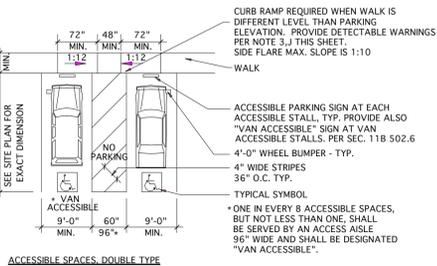


1 Site Plan  
Scale: 1/8" = 1'-0"

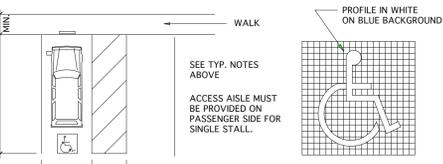
- 1. PARKING**
- A. THE FOLLOWING TABLE ESTABLISHES THE NUMBER OF ACCESSIBLE PARKING SPACES REQUIRED:
- | TOTAL NUMBER OF PARKING SPACES | NUMBER OF ACCESSIBLE PARKING SPACES REQUIRED |
|--------------------------------|--|
| 1- 25                          | 1  |
| 26- 50                         | 2  |
| 51- 75                         | 3  |
| 76- 100                        | 4  |
| 101- 150                       | 5  |
| 151- 200                       | 6  |
| 201- 300                       | 7  |
| 301- 400                       | 8  |
| 401- 500                       | 9  |
| 501- 1000                      | 2% OF TOTAL                                  |
| + 1000                         | 20 + 1 FOR EACH 100 OVER 1000                |

- B. SURFACE SLOPES OF PARKING SPACES FOR PERSONS WITH PHYSICAL DISABILITIES SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 1/4 INCH PER FOOT (2% GRADIENT) IN ANY DIRECTION.
- C. EACH PARKING SPACE RESERVED FOR PERSONS WITH PHYSICAL DISABILITIES SHALL BE IDENTIFIED BY A PERMANENTLY AFFIXED REFLECTORIZED SIGN CONSTRUCTED OF PORCELAIN ON STEEL, BEADED TEXT, OR EQUAL, DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE SIGN SHALL NOT BE SMALLER THAN 70 SQ. INCHES IN AREA AND SHALL BE CENTERED AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE, OR CENTERED ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 36 INCHES FROM THE PARKING SPACE FINISHED GRADE, GROUND, OR SIDEWALK. A SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO THE OFF-STREET PARKING FACILITY, NOT LESS THAN 17 INCHES X 22 INCHES IN SIZE WITH LETTERING NOT LESS THAN 2 INCH IN HEIGHT, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:
- "UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT: \_\_\_\_\_ OR BY TELEPHONING \_\_\_\_\_"

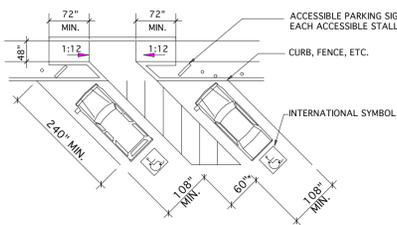
IN ADDITION TO THE ABOVE REQUIREMENTS, THE SURFACE OF EACH PARKING SPACE SHALL HAVE A SURFACE IDENTIFICATION, 3 FEET SQUARE, DUPLICATING THE SYMBOL OF ACCESSIBILITY IN BLUE PAINT.



ACCESSIBLE SPACES, DOUBLE TYPE



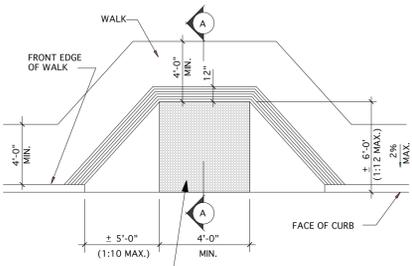
ACCESSIBLE SPACES, SINGLE TYPE



ACCESSIBLE SPACES, DOUBLE DIAGONAL TYPE

- 2. CURB RAMPS**
- A. CURB RAMPS SHALL BE CONSTRUCTED AT EACH CORNER OF STREET INTERSECTIONS AND WHERE A PEDESTRIAN WAY CROSSES A CURB. THE PREFERRED AND RECOMMENDED LOCATION FOR CURB RAMPS IS IN THE CENTER OF THE CROSSEWALK OF EACH STREET CORNER. WHERE IT IS NECESSARY TO LOCATE A CURB RAMP IN THE CENTER OF THE CURB RETURN AND THE STREET SURFACES ARE MARKED TO IDENTIFY PEDESTRIAN CROSSEWALKS, THE LOWER END OF THE CURB RAMPS SHALL TERMINATE WITHIN SUCH CROSSEWALKS.
- B. CURB RAMPS SHALL BE A MINIMUM OF 4 FEET IN WIDTH AND SHALL LIE, GENERALLY, IN A SINGLE SLOPED PLANE WITH A MINIMUM OF SURFACE WARPING AND CROSS SLOPE.
- C. BUILT-UP CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES.
- D. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS EXCLUDING ANY FLARED SIDES.
- E. THE SLOPE OF CURB RAMPS SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL. THE SLOPE OF THE FANNED OR FLARED SIDES OF CURB RAMPS SHALL NOT EXCEED 1 VERTICAL TO 10 HORIZONTAL. (ADA)
- F. A LEVEL LANDING 4 FEET DEEP SHALL BE PROVIDED AT THE UPPER END OF EACH CURB RAMP OVER ITS FULL WIDTH TO PERMIT SAFE EGRESS FROM THE RAMP SURFACE, OR THE SLOPE OF THE FANNED OR FLARED SIDES OF THE CURB RAMP SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL.
- G. THE LOWER END OF EACH CURB RAMP SHALL HAVE A 1/2" LIP BEVELED AT 30 DEGREES AS A DETECTABLE WAY-FINDING EDGE FOR PERSONS WITH VISUAL IMPAIRMENT. PER CBC SECTION 11B.303.3.
- H. THE SURFACE OF EACH CURB RAMP AND ITS FLARED SIDES SHALL BE STABLE, FIRM AND RESISTANT AND SHALL BE OF A CONTRASTING FINISH FROM THAT OF THE ADJACENT SIDEWALK.

- I. ALL CURB RAMPS SHALL HAVE A GROOVED BORDER 12 INCHES WIDE AT THE LEVEL SURFACE OF THE SIDEWALK ALONG THE TOP AND EACH SIDE APPROXIMATELY 3/4 INCH ON CENTER. ALL CURB RAMPS CONSTRUCTED BETWEEN THE FACE OF THE CURB AND THE STREET SHALL HAVE A GROOVED BORDER AT THE LEVEL SURFACE OF THE SIDEWALK.
- J. CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED CARS.
- K. IF DIAGONAL CURB RAMPS HAVE RETURNED CURBS OR OTHER WELL-DEFINED EDGES, SUCH EDGES SHALL BE PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE 48 INCHES MINIMUM CLEAR SPACE. IF DIAGONAL CURB RAMPS ARE PROVIDED AT MARKED CROSSINGS, THE 48 INCH CLEAR SPACE SHALL BE WITHIN THE MARKINGS. IF DIAGONAL CURB RAMPS HAVE FLARED SIDES, THEY SHALL ALSO HAVE AT LEAST A 24 INCH LONG SEGMENT OF STRAIGHT CURB LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING.



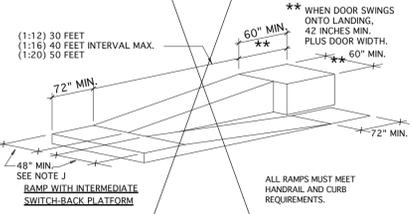
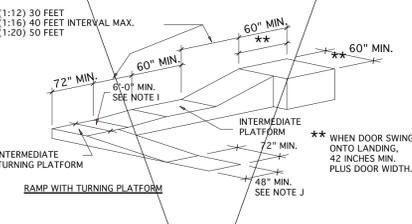
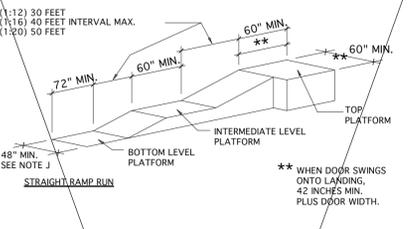
**3. WALKS AND SIDEWALKS**

- A. WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/4 INCH (AS PER CBC SECTION 11B.403.4), AND SHALL BE A MINIMUM OF 4 FEET IN WIDTH.
- B. SURFACES WITH A SLOPE OF LESS THAN 6 PERCENT GRADIENT SHALL BE AT LEAST AS SLIP RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH.
- C. ALL SURFACES SHALL BE SLIP-RESISTANT.
- D. SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4 INCH PER FOOT.
- E. WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATING WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/4 INCH IN THE DIRECTION OF TRAFFIC FLOW.
- F. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1 VERTICAL TO 20 HORIZONTAL IT SHALL COMPLY WITH THE PROVISIONS FOR PEDESTRIAN RAMPS.
- G. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH. WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL. WHEN CHANGES IN LEVEL GREATER THAN 1/2 INCH ARE NECESSARY COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS.
- H. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60 INCHES BY 60 INCHES AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48 INCHES WIDE BY 44 INCHES DEEP THAT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. SUCH WALK SHALL EXTEND 24 INCHES TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.
- I. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS OF AT LEAST 5 FEET IN LENGTH AT INTERVALS OF AT LEAST EVERY 400 FEET.
- J. IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS, THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36 INCHES WIDE, CONSISTING OF TRUNCATED DOMES. PLEASE SEE DETAIL ON SITE PLAN FOR THE SIDEWALK AT THE DRIVEWAY.

**4. RAMPS**

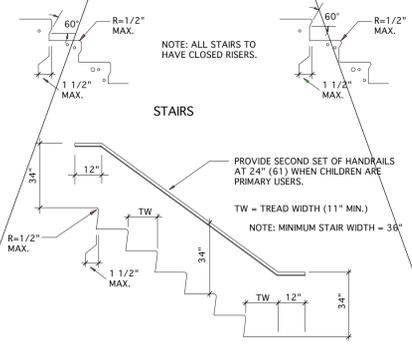
- A. ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1:20 (1:12 MAXIMUM)
- B. 1:20 SLOPED RAMPS WITH LENGTH GREATER THAN 72" SHALL HAVE HANDRAILS ON BOTH SIDES PER SECTION 11B505.2.
- C. THE TOP LANDINGS ON A RAMP MUST BE AT LEAST 60 INCHES IN DEPTH.
- D. IF A DOOR SWINGS ONTO A TOP LANDING, THE MIN. LANDING DIMENSION SHALL BE NOT LESS THAN 42 INCHES CLEAR PLUS THE WIDTH OF THE DOOR.
- E. THE TOP LANDING SHALL HAVE A WIDTH NOT LESS THAN ITS DEPTH.
- F. THE TOP LANDING SHALL EXTEND NOT LESS THAN 24 INCHES BEYOND THE STRIKE SIDE OF THE DOOR AT EXTERIOR RAMPS AND 18 INCHES AT INTERIOR RAMPS.
- G. THE BOTTOM LANDING SHALL BE NOT LESS THAN 72 INCHES DEEP.
- H. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT TURNS AND WHENEVER THE CHANGE IN LEVEL EXCEEDS 30 INCHES.
- I. INTERMEDIATE LANDINGS ON STRAIGHT RAMPS SHALL HAVE A DEPTH OF NOT LESS THAN 5'-0" INTERMEDIATE LANDINGS ON RAMPS THAT TURN GREATER THAN 30 DEGREES SHALL BE NOT LESS THAN 6'-0" IN DEPTH.
- J. RAMPS SHALL BE NOT LESS THAN 4'-0" WIDE. RAMPS SERVING A PRIMARY ENTRANCE FOR AN OCCUPANT LOAD OF 300 OR MORE PEOPLE SHALL BE NOT LESS THAN 5'-0" WIDE.

- K. HANDRAILS SHALL BE PLACED ON EACH SIDE OF EACH RAMP AND SHALL BE CONTINUOUS THE FULL LENGTH OF THE RAMP. HANDRAILS SHALL BE 34 TO 38 INCHES ABOVE THE RAMP SURFACE AND EXTEND A MINIMUM OF 1 FOOT BEYOND THE TOP AND BOTTOM OF THE RAMP.
- L. SURFACES OF RAMPS SHALL BE SLIP-RESISTANT



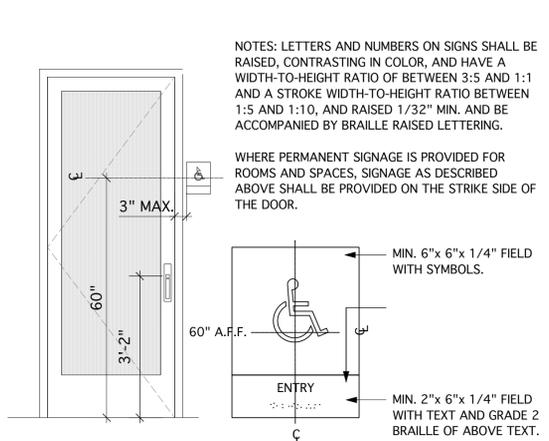
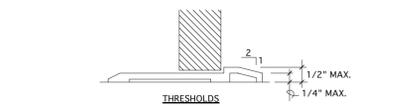
**5. STAIRS**

- A. STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAILS MUST BE 1 1/4 INCHES TO 1 1/2 INCHES IN EITHER CROSS SECTIONAL DIMENSION AND 1 1/2 INCHES CLEAR FROM THE WALL. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH.
- B. EXTERIOR STAIRS' CAST IRON (NON-SKID) STAIR NOSINGS MIN. 2" WIDE CONTRASTING COLOR STRIPE AT UPPER APPROACH AND AT EVERY TREAD.
- C. INTERIOR STAIRS: MINIMUM 2 INCH WIDE CONTRASTING COLOR STRIPE AT UPPER APPROACH AND LOWER TREAD OF EACH FLIGHT OF STAIRS TO BE LOCATED 1 INCH FROM NOSING. STRIPE TO BE AS SLIP-RESISTANT AS STAIR TREADS.



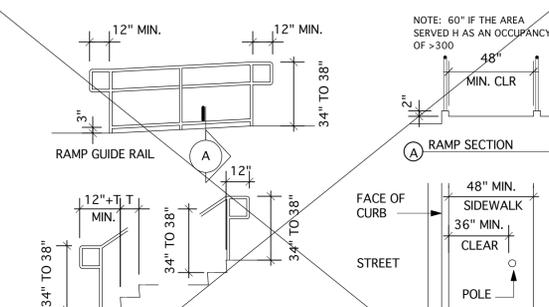
**6. DOORS**

- A. ALL DOORS ARE EQUIPPED WITH SINGLE EFFORT, NON-GRASP HARDWARE (I.E., LEVER) LOCATED AT MINIMUM 34 INCHES TO MAXIMUM 44 INCHES ABOVE THE FLOOR. CBC 11B-404.2.7
- B. DOOR OPENING FORCE AND ADJUSTABLE CLOSURE PROVIDED WITH MAXIMUM PRESSURE FOR OPENING DOORS PER CBC 11B 404.2.9 AS FOLLOWS:
- INTERIOR DOORS - 5 POUNDS PRESSURE
  - EXTERIOR DOORS - 5 POUNDS PRESSURE
  - FIRE DOORS - 15 POUNDS PRESSURE
- ADJUST CLOSURES AFTER INSTALLATION AND TEST DOOR COMPLIANCE.
- C. FLOOR LEVEL AT DOORS
- THRESHOLDS: THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOOR WAY. CHANGE IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. (SEE BELOW).
- LEVEL FLOOR OR LANDING: THERE SHALL BE A LEVEL AND CLEAR AREA ON EACH SIDE OF AN EXIT DOOR. THE LEVEL AREA SHALL BE AS SHOWN IN FIGURE 6A. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENING (VESTIBLES) SHALL PROVIDE 48 INCHES OF CLEAR SPACE FROM ANY DOOR OPENING INTO SUCH SPACE (SEE BELOW).
- D. DOOR WIDTH & HEIGHT: 3 FEET WIDE AND 6 FEET 8 INCHES HIGH. CLEAR WIDTH: 32 INCHES MINIMUM WITH DOOR OPEN 90 DEG. MEASURED FROM THE FACE OF THE DOOR TO THE OPPOSITE STOP.
- E. THE BOTTOM 16 INCHES (ADA) OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPERNED BY A WHEELCHAIR FOOT-REST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.

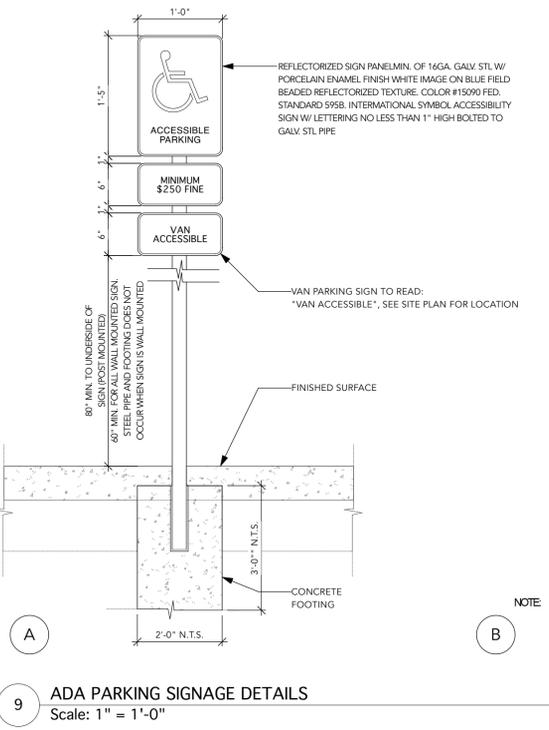


**7. TACTILE SIGN**  
Scale: 1/4" = 1'-0"

NOTE: PROVIDE 2" WIDE SOLID CONTRAST STRIPING WITHIN 1" OF THE EDGE OF THE TREAD @ TOP & BOTTOM TREADS INTERIOR STAIRS; & ALL TREADS OF EXTERIOR STAIRS.

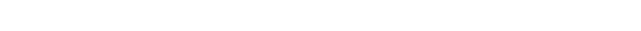
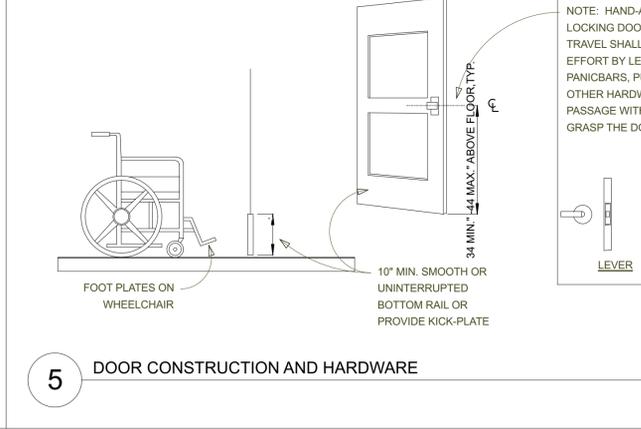
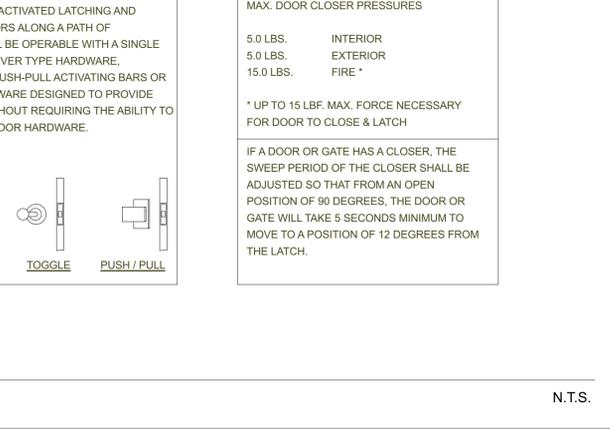
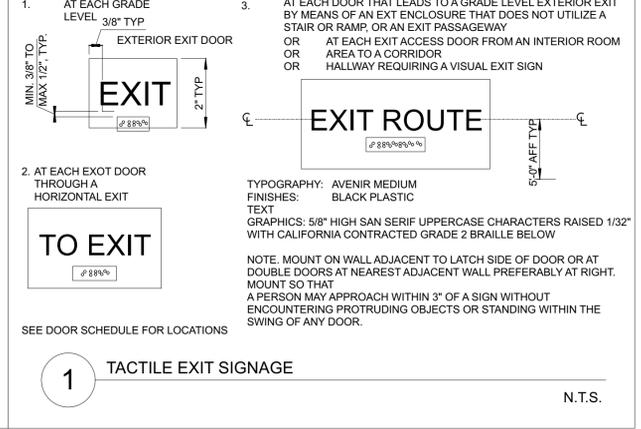
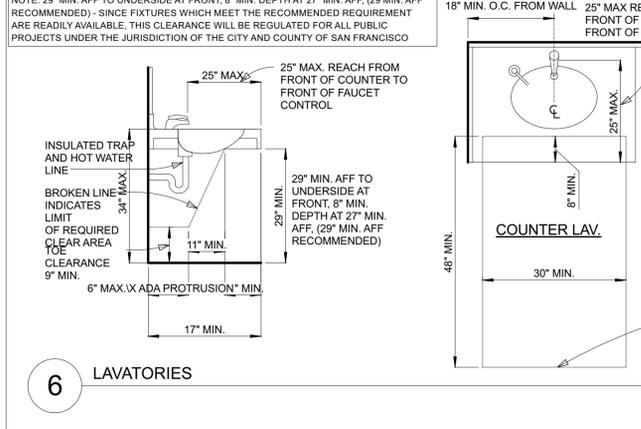
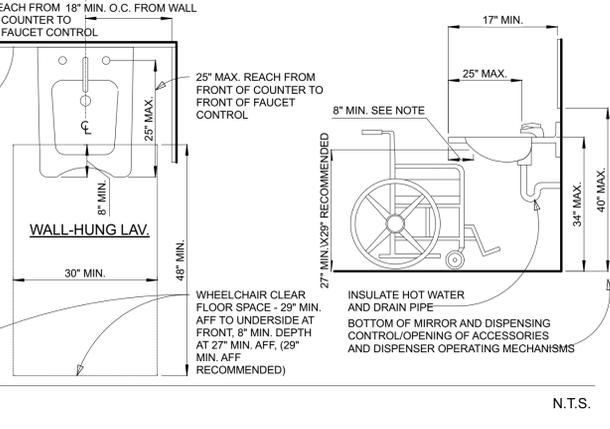
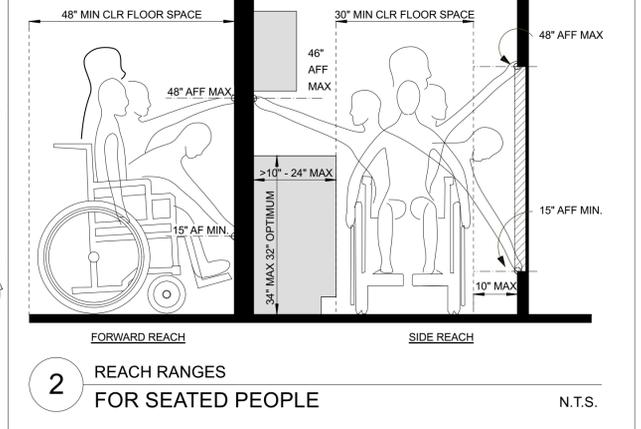
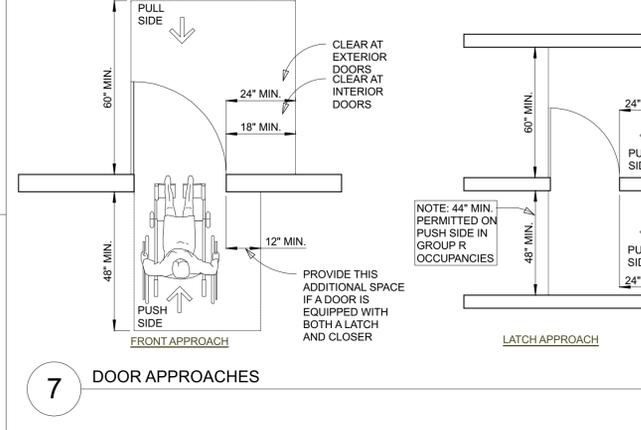
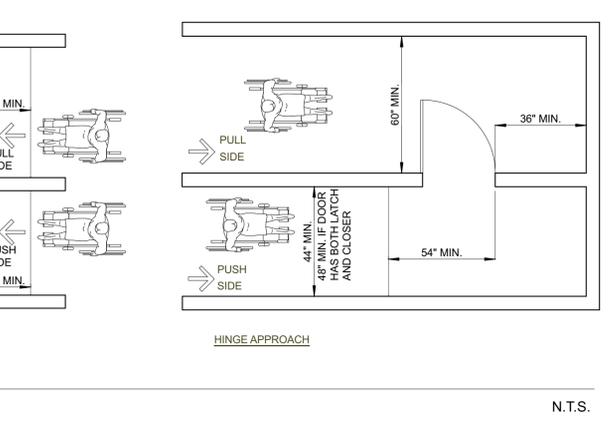
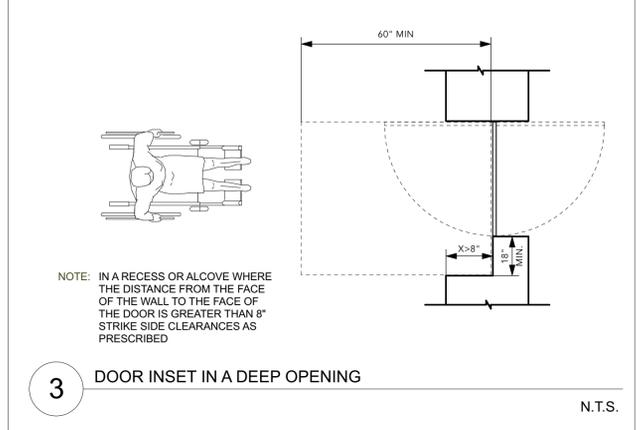
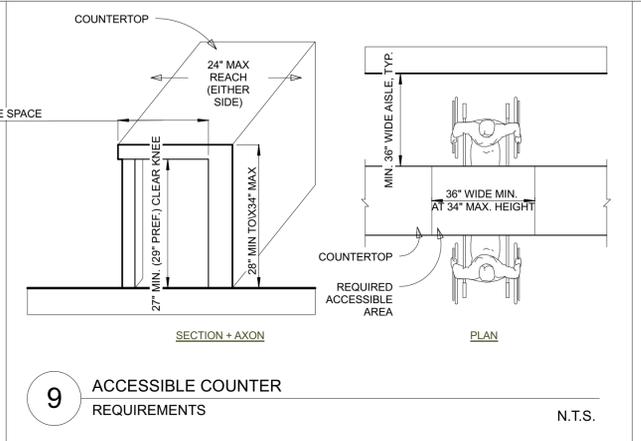
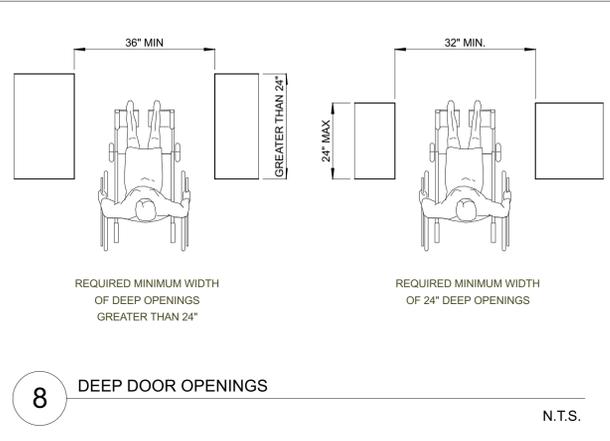
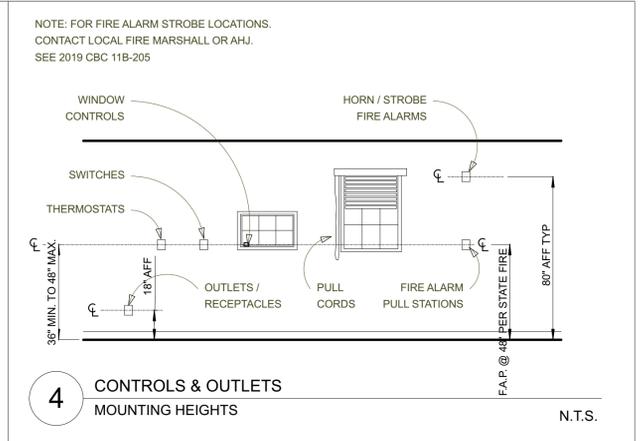


**8. HANDRAIL DETAIL**  
Scale: 1/4" = 1'-0"



DATE: 08.15.2025  
JOB NO:  
SCALE: As Noted

SUBMITTAL  
PERMIT SUBMITTAL 09/25/25





PROJECT: **Ayawaska Cotati**

8201 Old Redwood Hwy, Suite 'A'  
Cotati, CA 94931  
APN: 144-265-002

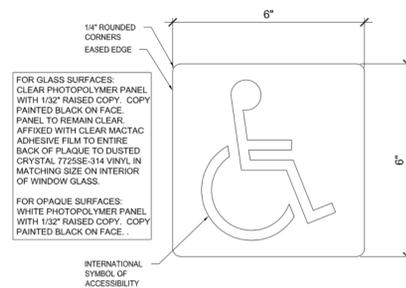
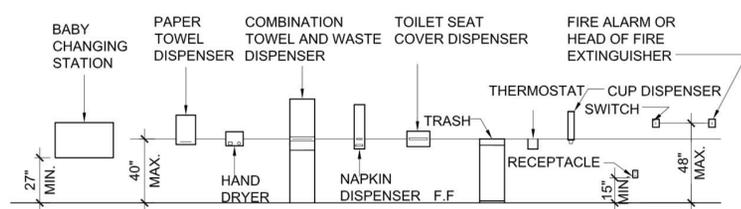
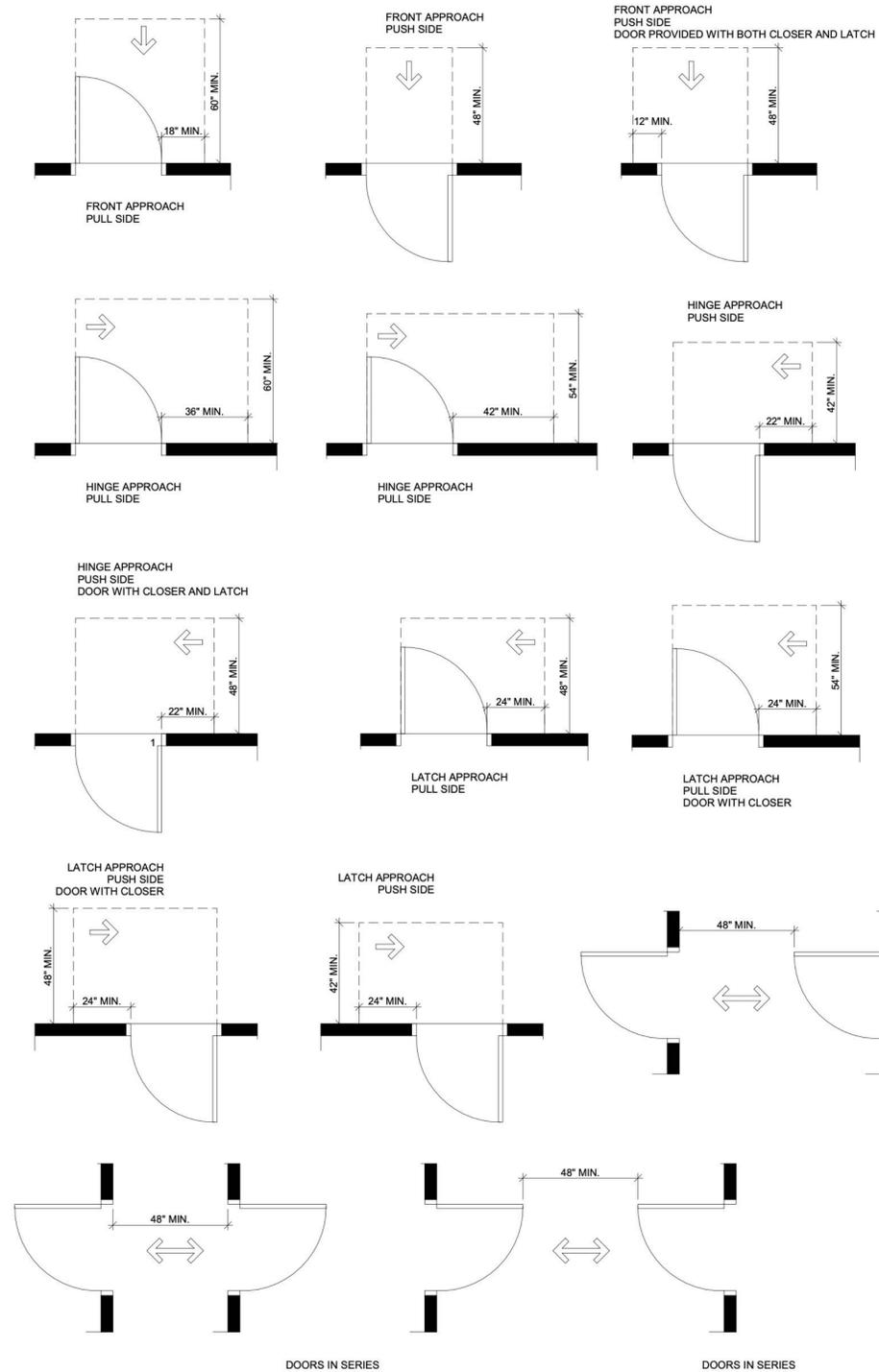
DATE: 08.15.2025  
JOB NO:  
SCALE: As Noted  
PHASE:

SUBMITTAL  
PERMIT SUBMITTAL 09/25/25

ADA INTERIOR DETAILS

SHEET NUMBER

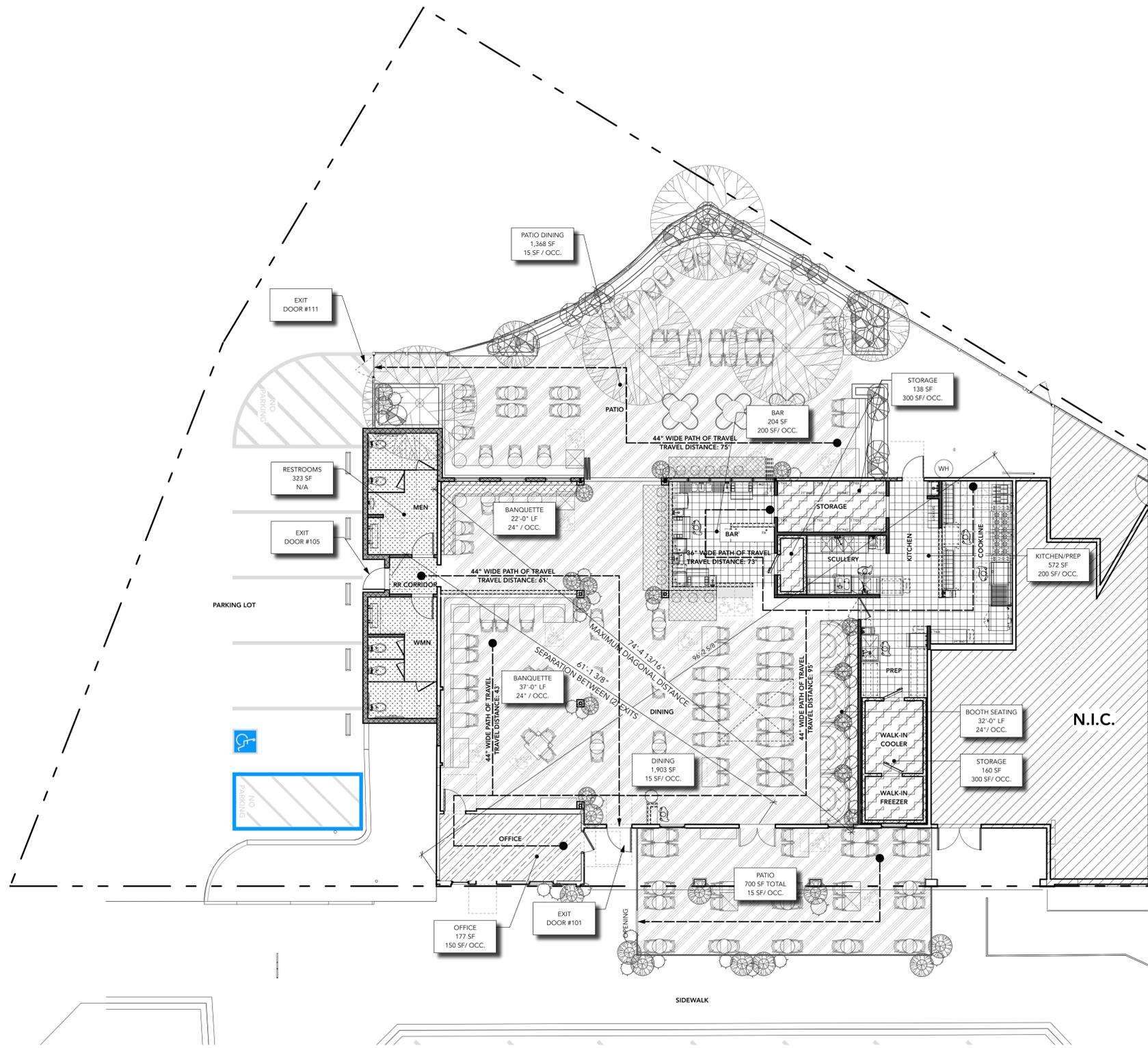
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3 Toilet Accessories Mounting Heights  
Scale: N.T.S.

2 International Accessibility Symbol  
Scale: N.T.S.

1 ADA Door Clearances  
Scale: N.T.S.



**Accessible Seating Spaces Chart**

| INDOOR SEATING |            | BAR SEATING |            | OUTDOOR SEATING |            |
|----------------|------------|-------------|------------|-----------------|------------|
| ACCESSIBLE     | ACCESSIBLE | ACCESSIBLE  | ACCESSIBLE | ACCESSIBLE      | ACCESSIBLE |
| REQ'D          | PROV'D     | REQ'D       | PROV'D     | REQ'D           | PROV'D     |
| 127            | 7          | 23          | 7          | 139             | 7          |

PER CBC SECTION 11B-226

**NOTE:** SEATS SHALL PROVIDE A TABLE OR COUNTER HEIGHT OF 28" TO 34" ABOVE THE FLOOR WITH A 27" HIGH X 30" WIDE X 19" DEEP KNEE SPACE UNDERNEATH

**Occupancy Breakdown**

|                               | S.F.  | Load Factor | Occupants                 |
|-------------------------------|-------|-------------|---------------------------|
| INTERIOR SEATING              | 1,903 | 15          | 127                       |
| BOOTH SEATING                 | 32 LF | 2           | 16                        |
| BAR & BANQUETTE SEATING       | 80 LF | 1.5         | 54                        |
| FOOD PREP, BUSER STATION, BAR | 776   | 200         | 4                         |
| STORAGE/WALK IN               | 265   | 300         | 1                         |
| OFFICE/BUSINESS               | 177   | 150         | 2                         |
|                               | 3,121 |             | <b>Total indoor: 204</b>  |
| OUTDOOR SEATING - REAR        | 1,368 | 15          | 92                        |
| OUTDOOR SEATING - FRONT       | 700   | 15          | 47                        |
|                               | 2,068 |             | <b>Total outdoor: 139</b> |
|                               |       |             | <b>Total: 343</b>         |

EXITS REQUIRED 337 OCCUPANTS X 0.2 INCHES PER OCCUPANT = 67.4 INCHES  
(2) EXITS REQUIRED

EXITS PROVIDED (3) EXITS PROVIDED FOR A TOTAL WIDTH OF >108 INCHES

**NOTE:** ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT

**Plumbing Fixture Calculation**

|                               | S.F.  | Load Factor | Occupants                  |
|-------------------------------|-------|-------------|----------------------------|
| INTERIOR SEATING              | 1,903 | 30          | 64                         |
| EXTERIOR SEATING              | 2,068 | 30          | 69                         |
| FOOD PREP, BUSER STATION, BAR | 1,218 | 200         | 7                          |
|                               |       |             | <b>Total: 140</b>          |
|                               |       |             | 140/2 = 70 Male, 70 Female |

| WATER CLOSETS |        | URINALS |        | LAVATORIES |        | MOP SINK |        |
|---------------|--------|---------|--------|------------|--------|----------|--------|
| Male          | Female | Male    | Female | Male       | Female | Req'd    | Prov'd |
| 2             | 2      | 3       | 3      | 1          | 1      | 1        | 1      |
| 2             | 2      | 3       | 3      | 1          | 1      | 1        | 1      |

MINIMUM NUMBER OF PLUMBING FIXTURES PER CPC TABLE 422.1  
OCCUPANCY PER CPC TABLE A 'OCCUPANT LOAD FACTOR'

\*No drinking fountain is required, water is available from servers

**Occupancy Areas Legend**

|  |  |
|--|--|
|  | INTERIOR SEATING<br>OCCUPANT LOAD FACTOR: 15                   |
|  | LINEAR SEATING<br>OCCUPANT LOAD FACTOR: 24" PER PERSON         |
|  | FOOD PREP, BUSER STATION, BAR<br>OCCUPANT LOAD FACTOR: 200     |
|  | STORAGE/ WALK-IN COOLER & FREEZER<br>OCCUPANT LOAD FACTOR: 300 |
|  | BAR SEATING<br>OCCUPANT LOAD FACTOR: 18" PER PERSON            |
|  | OFFICE<br>OCCUPANT LOAD FACTOR: 150                            |
|  | RESTROOMS<br>OCCUPANT LOAD FACTOR: N/A                         |
|  | LANDSCAPE<br>OCCUPANT LOAD FACTOR: N/A                         |



PROJECT: **Ayawaska Cotati**  
 8201 Old Redwood Hwy, Suite 'A'  
 Cotati, CA 94931  
 APN: 144-265-002

DATE: 08.15.2025  
 JOB NO:  
 SCALE: As Noted  
 PHASE:  
 SUBMITTAL  
 PERMIT SUBMITTAL 09/25/25

EGRESS PLAN  
 SHEET NUMBER  
**A0.4**





# California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

## NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023)



| Y  | NA                       | RESPON. PARTY            |
|--|--------------------------|--------------------------|
| <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>CHAPTER 3 GREEN BUILDING SECTION 301 GENERAL</b>  |                          |                          |
| <b>301.1 SCOPE.</b> Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.  |                          |                          |
| <b>301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG]</b> The provisions of individual sections of Chapter 3 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of \$200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.   |                          |                          |
| A code section will be designated by a banner to indicate where the code section only applies to newly constructed buildings [N] or to additions and/or alterations [A]. When the code section applies to both, no banner will be used.  |                          |                          |
| <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only.</b>  |                          |                          |
| <b>Note:</b> On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 et seq. for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.   |                          |                          |
| <b>301.3.2 Waste Diversion.</b> The requirements of Section 5.406 shall be required for additions and alterations whenever a permit is required for work.  |                          |                          |
| 301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see BGSC)<br>301.5 HEALTH FACILITIES. (see BGSC)   |                          |                          |
| <b>SECTION 302 MIXED OCCUPANCY BUILDINGS</b>   |                          |                          |
| <b>302.1 MIXED OCCUPANCY BUILDINGS.</b> In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.   |                          |                          |
| <b>SECTION 303 PHASED PROJECTS</b>   |                          |                          |
| <b>303.1 PHASED PROJECTS.</b> For shall buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new construction (or newly constructed) shall apply.  |                          |                          |
| <b>303.1.1 Initial Tenant Improvements.</b> The provisions of this code shall apply only to the initial tenant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 non-residential additions and alterations.  |                          |                          |
| <b>ABBREVIATION DEFINITIONS:</b><br>HCD Department of Housing and Community Development<br>BSC California Building Standards Commission<br>DSA-SS Division of the State Architect, Structural Safety<br>OSHPD Office of Statewide Health Planning and Development<br>LR Low Rise<br>HR High Rise<br>AA Additions and Alterations<br>N New  |                          |                          |
| <b>CHAPTER 5 NONRESIDENTIAL MANDATORY MEASURES</b>   |                          |                          |
| <b>DIVISION 5.1 PLANNING AND DESIGN</b>  |                          |                          |
| <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>SECTION 5.101 GENERAL</b>   |                          |                          |
| <b>5.101.1 SCOPE</b><br>The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the environmental quality of the site and respect the integrity of adjacent properties.  |                          |                          |
| <b>SECTION 5.102 DEFINITIONS</b><br>The following terms are defined in Chapter 2 (and are included here for reference)   |                          |                          |
| <b>CUTOFF LUMINAIRES.</b> Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.   |                          |                          |
| <b>LOW-EMITTING AND FUEL EFFICIENT VEHICLES.</b><br>Eligible vehicles are limited to the following: <ol style="list-style-type: none"> <li>Zero emission vehicle (ZEV), enhanced advanced technology PZEV (enhanced AT ZEV) or transitional zero emission vehicles (TZEV) regulated under CCR, Title 13, Section 1962.</li> <li>High-efficiency vehicles, regulated by U.S. EPA, bearing a fuel economy and greenhouse gas rating of 9 or 10 as regulated under: 40 CFR Section 600 Subpart D.</li> </ol>  |                          |                          |
| <b>NEIGHBORHOOD ELECTRIC VEHICLE (NEV).</b> A motor vehicle which meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to zero-emission vehicle standards.   |                          |                          |
| <b>TENANT-OCCUPANTS.</b> Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.   |                          |                          |
| <b>VANPOOL VEHICLE.</b> Eligible vehicles are limited to any motor vehicle, other than a motorcoach or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the nonprofit work-related transportation of adults for the purpose of ridesharing.   |                          |                          |
| <b>Note:</b> Source: Vehicle Code, Division 1, Section 668   |                          |                          |
| <b>ZEV.</b> Any vehicle certified to zero-emission standards.  |                          |                          |
| <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>SECTION 5.106 SITE DEVELOPMENT</b>  |                          |                          |
| <b>5.106.1 STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE OF LAND.</b> Newly constructed projects and additions which disturb less than one acre of land, and are not part of a larger common plan of development or sale, shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:  |                          |                          |
| <b>5.106.1.1 Local ordinance.</b> Comply with a lawfully enacted storm water management and/or erosion control ordinance.  |                          |                          |
| <b>5.106.1.2 Best Management Practices (BMPs).</b> Prevent the loss of soil through wind or water erosion by implementing an effective combination of erosion and sediment control and good housekeeping BMPs. <ol style="list-style-type: none"> <li>Soil loss BMPs that should be considered for implementation as appropriate for each project include, but are not limited to, the following:               <ol style="list-style-type: none"> <li>Scheduling construction activity during dry weather, when possible.</li> <li>Preservation of natural features, vegetation, soil, and buffers around surface waters.</li> <li>Drainage swales or lined ditches to control stormwater flow.</li> <li>Mulching or hydrosedimentation to stabilize disturbed soils.</li> <li>Erosion control to protect slopes.</li> <li>Protection of storm drain inlets (gravel bags or catch basin inserts).</li> <li>Perimeter sediment control (perimeter silt fence, fiber rolls).</li> <li>Sediment trap or sediment basin to retain sediment on site.</li> <li>Stabilized construction exits.</li> <li>Wind erosion control.</li> <li>Other soil loss BMPs acceptable to the enforcing agency.</li> </ol> </li> <li>Good housekeeping BMPs to manage construction equipment, materials, non-stormwater discharges and wastes that should be considered for implementation as appropriate for each project include, but are not limited to, the following:               <ol style="list-style-type: none"> <li>Demolishing activities.</li> <li>Material handling and waste management.</li> <li>Building materials stockpile management.</li> <li>Management of washout areas (concrete, paints, stucco, etc.).</li> <li>Control of vehicle/equipment fueling to contractor's staging area.</li> <li>Vehicle and equipment cleaning performed off site.</li> <li>Spill prevention and control.</li> <li>Other housekeeping BMPs acceptable to the enforcing agency.</li> </ol> </li> </ol> |                          |                          |

| Y   | NA                                   | RESPON. PARTY   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
|---|--------------------------------------|---|---------------------------------------|--------------------------------------|---|-----|---|---|-------|---|---|-------|---|---|-------|----|---|--------|----|---|---------|----|---|---------|----|---|--------------|---------------------------|---------------------------------------|
| <input type="checkbox"/>  | <input type="checkbox"/>             | <input type="checkbox"/>                                |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <b>5.106.2 STORMWATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB ONE OR MORE ACRES OF LAND.</b> Comply with all lawfully enacted stormwater discharge regulations for projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of a larger common plan of development or sale.  |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <b>Note:</b> Projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of the larger common plan of development or sale must comply with the post-construction requirements detailed in the applicable National Pollutant Discharge Elimination System (NPDES) General permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities issued by the State Water Resources Control Board or the Lahontan Regional Water Quality Control Board (for projects in the Lake Tahoe Hydrologic Unit).  |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| The NPDES permits require postconstruction runoff (post-project hydrology) to match the preconstruction runoff (pre-project hydrology) with the installation of postconstruction stormwater management measures. The NPDES permits emphasize runoff reduction through on-site stormwater use, interception, evapotranspiration, and infiltration through nonstructural controls, such as Low Impact Development (LID) practices, and conversation design measures. Stormwater volume that cannot be addressed using nonstructural practices is required to be captured in structural practices and be approved by the enforcing agency.   |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| Refer to the current applicable permits on the State Water Resources Control Board website at: www.waterboards.ca.gov/constructionstormwater. Consideration to the stormwater runoff management measures should be given during the initial design process for appropriate integration into site development.   |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <input type="checkbox"/>  | <input type="checkbox"/>             | <input type="checkbox"/>                                |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <b>5.106.4 BICYCLE PARKING.</b> For buildings within the authority of California Building Standards Commission as specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State Architect pursuant to Section 105, comply with Section 5.106.4.2   |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <b>5.106.4.1 Bicycle parking. [BSC-CG]</b> Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter. <ol style="list-style-type: none"> <li><b>5.106.4.1.1 Short-term bicycle parking.</b> If the new project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack.               <b>Exception:</b> Additions or alterations which add nine or less visitor vehicular parking spaces.             </li> <li><b>5.106.4.1.2 Long-term bicycle parking.</b> For new buildings with tenant spaces that have 10 or more tenant-occupants, provide bicycle parking for 5 percent of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.             </li> <li><b>5.106.4.1.3</b> For additions or alterations that add 10 or more tenant-occupant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant vehicular parking spaces being added, with a minimum of one bicycle parking facility.             </li> <li><b>5.106.4.1.4</b> For new shall buildings in phased projects provide secure bicycle parking for 5 percent of the anticipated tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.             </li> <li><b>5.106.4.1.5 Acceptable bicycle parking facility</b> for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall be convenient from the street and shall meet one of the following:               <ol style="list-style-type: none"> <li>Covered, lockable enclosures with permanently anchored racks for bicycles;</li> <li>Lockable bicycle rooms with permanently anchored racks; or</li> <li>Lockable, permanently anchored bicycle lockers.</li> </ol> <b>Note:</b> Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.             </li> </ol> |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <b>5.106.4.2 Bicycle parking. [DSA-SS]</b> For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2 <ol style="list-style-type: none"> <li><b>5.106.4.2.1 Student bicycle parking.</b> Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike capacity racks per new building.</li> <li><b>5.106.4.2.2 Staff bicycle parking.</b> Provide permanent, secure bicycle parking conveniently accessed with a minimum of four staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet one of the following:               <ol style="list-style-type: none"> <li>Covered, lockable enclosures with permanently anchored racks for bicycles;</li> <li>Lockable bicycle rooms with permanently anchored racks; or</li> <li>Lockable, permanently anchored bicycle lockers.</li> </ol> </li> </ol>   |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <input type="checkbox"/>  | <input type="checkbox"/>             | <input type="checkbox"/>                                |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <b>5.106.5.3 Electric vehicle (EV) charging. [N]</b> Construction to provide electric vehicle infrastructure and facilitate electric vehicle charging shall comply with Section 5.106.5.3.1 and shall be provided in accordance with regulations in the California Building Code and the California Electrical Code. <b>Exceptions:</b> <ol style="list-style-type: none"> <li>On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:               <ol style="list-style-type: none"> <li>Where there is no local utility power supply.</li> <li>Where the local utility is unable to supply adequate power.</li> <li>Where there is evidence suitable to the local enforcement agency substantiating the local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.</li> </ol> </li> <li>Parking spaces accessible only by automated mechanical car parking systems are not required to comply with this code section.</li> </ol>  |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <input type="checkbox"/>  | <input type="checkbox"/>             | <input type="checkbox"/>                                |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <b>5.106.5.3.1 EV capable spaces.</b><br>[N] EV capable spaces shall be provided in accordance with Table 5.106.5.3.1 and the following requirements: <ol style="list-style-type: none"> <li>Raceways complying with the California Electrical Code and no less than 1-inch (25 mm) diameter shall be provided and shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the EV capable space and into a suitable listed cabinet, box enclosure or equivalent. A common raceway may be used to serve multiple EV charging spaces.</li> <li>A service panel or subpanel (s) shall be provided with panel space and electrical load capacity for a dedicated 200/240 volt, 40-ampere minimum branch circuit for each EV capable space, with delivery of 30-ampere minimum to an installed EVSE at each EVCS.</li> <li>The electrical system and any on-site distribution transformers shall have sufficient capacity to supply full rated amperage at each EV capable space.</li> <li>The service panel or subpanel circuit directory shall identify the reserved overcurrent protective device space(s) as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE."</li> </ol> <b>Note:</b> A parking space served by electric vehicle supply equipment or designed as a future EV charging space shall count as at least one standard automobile parking space only for the purpose of complying with any applicable minimum parking space requirements established by an enforcement agency. See vehicle Code Section 22511.2 for further details.   |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <table border="1"> <caption>TABLE 5.106.5.3.1</caption> <thead> <tr> <th>TOTAL NUMBER OF ACTUAL PARKING SPACES</th> <th>NUMBER OF REQUIRED EV CAPABLE SPACES</th> <th>NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)*2</th> </tr> </thead> <tbody> <tr> <td>0-9</td> <td>0</td> <td>0</td> </tr> <tr> <td>10-25</td> <td>2</td> <td>0</td> </tr> <tr> <td>26-50</td> <td>8</td> <td>2</td> </tr> <tr> <td>51-75</td> <td>13</td> <td>3</td> </tr> <tr> <td>76-100</td> <td>17</td> <td>4</td> </tr> <tr> <td>101-150</td> <td>25</td> <td>6</td> </tr> <tr> <td>151-200</td> <td>35</td> <td>9</td> </tr> <tr> <td>201 AND OVER</td> <td>20% of total<sup>1</sup></td> <td>25% of EV capable spaces<sup>1</sup></td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Where there is insufficient electrical supply.</li> <li>The number of required EVCS (EV capable spaces provided with EVSE) in column 3 count towards the total number of required EV capable spaces shown in column 2.</li> </ol>  |                                      |   | TOTAL NUMBER OF ACTUAL PARKING SPACES | NUMBER OF REQUIRED EV CAPABLE SPACES | NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)*2 | 0-9 | 0 | 0 | 10-25 | 2 | 0 | 26-50 | 8 | 2 | 51-75 | 13 | 3 | 76-100 | 17 | 4 | 101-150 | 25 | 6 | 151-200 | 35 | 9 | 201 AND OVER | 20% of total <sup>1</sup> | 25% of EV capable spaces <sup>1</sup> |
| TOTAL NUMBER OF ACTUAL PARKING SPACES   | NUMBER OF REQUIRED EV CAPABLE SPACES | NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)*2 |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| 0-9   | 0                                    | 0   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| 10-25   | 2                                    | 0   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| 26-50   | 8                                    | 2   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| 51-75   | 13                                   | 3   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| 76-100  | 17                                   | 4   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| 101-150   | 25                                   | 6   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| 151-200   | 35                                   | 9   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| 201 AND OVER  | 20% of total <sup>1</sup>            | 25% of EV capable spaces <sup>1</sup>                   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |
| <b>5.106.5.3.2 Electric vehicle charging stations (EVCS)</b><br>EV capable spaces shall be provided with EVSE to create EVCS in the number indicated in Table 5.106.5.3.1. The EVCS required by Table 5.106.5.3.1 may be provided with EVSE in any combination of Level 2 and Direct Current Fast Charging (DCFC), except that at least one Level 2 EVSE shall be provided. <p>One EV charger with multiple connectors capable of charging multiple EVs simultaneously shall be permitted if the electrical load capacity required by Section 5.106.5.3.1 for each EV capable space is accumulatively supplied to the EV charger.</p> <p>The installation of each DCFC EVSE shall be permitted to reduce the minimum number of required EV capable spaces without EVSE by five and reduce proportionally the required electrical load capacity to the service panel or subpanel.</p>  |                                      |   |                                       |                                      |   |     |   |   |       |   |   |       |   |   |       |    |   |        |    |   |         |    |   |         |    |   |              |                           |                                       |

| Y   | NA                       | RESPON. PARTY                       |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
|---|--------------------------|-------------------------------------|---|-------------------------|-------------------------------------|---|-------------------|-------------------|---|-----|---------------------|--------------|-----|--------|---|--------------|----------|----------------------|--------------|----------|--|-------------------|--------|-----|----------------------|--------------|--|-----|----|----|----|----|--|-----|----|----|----|----|---|--|--|--|--|--|--------------------------------|-----|----|----|----|----|---|-----|----|----|----|----|
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <b>5.106.5.3.3 Use of automatic load management systems (ALMS).</b><br>ALMS shall be permitted for EVCS. When ALMS is installed, the required electrical load capacity specified in Section 5.106.5.3.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs.   |                          |                                     |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <b>5.106.5.3.4 Accessible EVCS.</b><br>When EVSE is installed, accessible EVSC shall be provided in accordance with the California Building Code, Chapter 11B, Section 11B-228.3. <b>Note:</b> For EVCS signs, refer to Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its successor(s).   |                          |                                     |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <b>5.106.5.4 Electric Vehicle (EV) charging: medium-duty and heavy-duty. [N]</b><br>Construction shall comply with section 5.106.5.4.1 to facilitate future installation of electric vehicle supply equipment (EVSE). Construction for warehouses, grocery stores and retail stores with planned off-street loading spaces shall also comply with Section 5.106.5.4.1 for future installation of medium- and heavy-duty EVSE. <b>Exceptions:</b> <ol style="list-style-type: none"> <li>On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:               <ol style="list-style-type: none"> <li>Where there is no local utility power supply.</li> <li>Where the local utility is unable to supply adequate power.</li> <li>Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.</li> </ol> </li> </ol> When EVSE(s) is/are installed, it shall be in accordance with the California Building Code, the California Electrical Code and as follows:   |                          |                                     |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <b>5.106.5.4.1 Electric vehicle charging readiness requirements for warehouse, grocery stores and retail stores with planned off-street loading spaces.</b><br>[N] In order to avoid future demolition when adding EV charging supply and distribution equipment, spare raceway(s) or busway(s) and adequate capacity for transformer(s), service panel(s) or subpanel(s) shall be installed at the time of construction in accordance with the California Electrical Code. Construction plans and specifications shall include but are not limited to, the following: <ol style="list-style-type: none"> <li>The transformer, main service equipment and subpanel shall meet the minimum power requirement in Table 5.106.5.4.1 to accommodate the dedicated branch circuits for the future installation of EVSE.</li> <li>The construction documents shall indicate on or more location(s) convenient to the planned off-street loading space(s) reserved for medium- and heavy-duty ZEV charging cabinets and charging dispensers, and a pathway reserved for routing of conduit from the termination of the raceway(s) or busway(s) to the charging cabinet(s) and dispenser(s) as shown in Table 5.106.5.4.1.</li> <li>Raceway(s) or busway(s) originating at a main service panel or a subpanel(s) serving the area where potential future medium- and heavy-duty EVSE will be located and shall terminate in close proximity to the potential future location of the charging equipments for medium- and heavy-duty vehicles.</li> <li>The raceway(s) or busway(s) shall be sufficient size to carry the minimum additional system load to the future location of the charging for medium- and heavy-duty ZEVs as shown in Table 5.106.5.4.1.</li> </ol> |                          |                                     |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <table border="1"> <caption>TABLE 5.106.5.4.1 RACEWAY CONDUIT AND PANEL POWER REQUIREMENTS FOR MEDIUM- AND HEAVY-DUTY EVSE [N]</caption> <thead> <tr> <th>BUILDING TYPE</th> <th>BUILDING SIZE (SQ. FT.)</th> <th>NUMBER OF OFF-STREET LOADING SPACES</th> <th>ADDITIONAL CAPACITY REQUIRED (KVA) FOR RACEWAY &amp; BUSWAY AND TRANSFORMER &amp; PANEL</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Grocery</td> <td>10,000 to 90,000</td> <td>1 or 2</td> <td>200</td> </tr> <tr> <td>Greater than 90,000</td> <td>3 or Greater</td> <td>400</td> </tr> <tr> <td rowspan="2">Retail</td> <td>10,000 to 135,000</td> <td>1 or Greater</td> <td>400</td> </tr> <tr> <td>Greater than 135,000</td> <td>1 or Greater</td> <td>400</td> </tr> <tr> <td rowspan="2">Warehouse</td> <td>20,000 to 256,000</td> <td>1 or 2</td> <td>200</td> </tr> <tr> <td>Greater than 256,000</td> <td>3 or Greater</td> <td>400</td> </tr> </tbody> </table>   |                          |                                     | BUILDING TYPE   | BUILDING SIZE (SQ. FT.) | NUMBER OF OFF-STREET LOADING SPACES | ADDITIONAL CAPACITY REQUIRED (KVA) FOR RACEWAY & BUSWAY AND TRANSFORMER & PANEL | Grocery           | 10,000 to 90,000  | 1 or 2  | 200 | Greater than 90,000 | 3 or Greater | 400 | Retail | 10,000 to 135,000   | 1 or Greater | 400      | Greater than 135,000 | 1 or Greater | 400      | Warehouse  | 20,000 to 256,000 | 1 or 2 | 200 | Greater than 256,000 | 3 or Greater | 400  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| BUILDING TYPE   | BUILDING SIZE (SQ. FT.)  | NUMBER OF OFF-STREET LOADING SPACES | ADDITIONAL CAPACITY REQUIRED (KVA) FOR RACEWAY & BUSWAY AND TRANSFORMER & PANEL |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| Grocery   | 10,000 to 90,000         | 1 or 2                              | 200   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
|   | Greater than 90,000      | 3 or Greater                        | 400   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| Retail  | 10,000 to 135,000        | 1 or Greater                        | 400   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
|   | Greater than 135,000     | 1 or Greater                        | 400   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| Warehouse   | 20,000 to 256,000        | 1 or 2                              | 200   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
|   | Greater than 256,000     | 3 or Greater                        | 400   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <b>5.106.8 LIGHT POLLUTION REDUCTION. [N.]</b> Outdoor lighting systems shall be designed and installed to comply with the following: <ol style="list-style-type: none"> <li>The minimum requirements in the California Energy Code for Lighting Zones 0-4 as defined in Chapter 10, Section 10-114 of the California Administrative Code; and</li> <li>Backlight (B) ratings as defined in IES TM-15-11 (shown in Table A-1 in Chapter 8);</li> <li>Uplight and Glare ratings as defined in California Energy Code (shown in Tables 130.2-A and 130.2-B in Chapter 8) and</li> <li>Allowable BUG ratings not exceeding those shown in Table 5.106.8. [N] or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.</li> </ol> <b>Exceptions: [N]</b> <ol style="list-style-type: none"> <li>Luminaires that qualify as exceptions in Sections 130.2 (b) and 140.7 of the California Energy Code.</li> <li>Emergency lighting.</li> <li>Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6.</li> <li>Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.</li> <li>Luminaires with less than 6,200 initial luminaire lumens.</li> </ol>  |                          |                                     |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <table border="1"> <caption>TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS<sup>1,2</sup></caption> <thead> <tr> <th>ALLOWABLE RATING</th> <th>LIGHTING ZONE LZ0</th> <th>LIGHTING ZONE LZ1</th> <th>LIGHTING ZONE LZ2</th> <th>LIGHTING ZONE LZ3</th> <th>LIGHTING ZONE LZ4</th> </tr> </thead> <tbody> <tr> <td><b>MAXIMUM ALLOWABLE BACKLIGHT RATING<sup>1</sup></b></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Luminaire greater than 2 mounting heights (MH) from property line</td> <td>N/A</td> <td>No Limit</td> <td>No Limit</td> <td>No Limit</td> <td>No Limit</td> </tr> <tr> <td>Luminaire back hemisphere is 1-2 MH from property line</td> <td>N/A</td> <td>B2</td> <td>B3</td> <td>B4</td> <td>B4</td> </tr> <tr> <td>Luminaire back hemisphere is 0.5-1 MH from property line</td> <td>N/A</td> <td>B1</td> <td>B2</td> <td>B3</td> <td>B3</td> </tr> <tr> <td>Luminaire back hemisphere is less than 0.5 MH from property line</td> <td>N/A</td> <td>B0</td> <td>B0</td> <td>B1</td> <td>B2</td> </tr> <tr> <td><b>MAXIMUM ALLOWABLE UPLIGHT RATING (U)</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>For area lighting<sup>1</sup></td> <td>N/A</td> <td>U0</td> <td>U0</td> <td>U0</td> <td>U0</td> </tr> <tr> <td>For all other outdoor lighting, including decorative luminaires</td> <td>N/A</td> <td>U1</td> <td>U2</td> <td>U3</td> <td>UR</td> </tr> </tbody> </table>  |                          |                                     | ALLOWABLE RATING  | LIGHTING ZONE LZ0       | LIGHTING ZONE LZ1                   | LIGHTING ZONE LZ2   | LIGHTING ZONE LZ3 | LIGHTING ZONE LZ4 | <b>MAXIMUM ALLOWABLE BACKLIGHT RATING<sup>1</sup></b> |     |                     |              |     |        | Luminaire greater than 2 mounting heights (MH) from property line | N/A          | No Limit | No Limit             | No Limit     | No Limit | Luminaire back hemisphere is 1-2 MH from property line | N/A               | B2     | B3  | B4                   | B4           | Luminaire back hemisphere is 0.5-1 MH from property line | N/A | B1 | B2 | B3 | B3 | Luminaire back hemisphere is less than 0.5 MH from property line | N/A | B0 | B0 | B1 | B2 | <b>MAXIMUM ALLOWABLE UPLIGHT RATING (U)</b> |  |  |  |  |  | For area lighting <sup>1</sup> | N/A | U0 | U0 | U0 | U0 | For all other outdoor lighting, including decorative luminaires | N/A | U1 | U2 | U3 | UR |
| ALLOWABLE RATING  | LIGHTING ZONE LZ0        | LIGHTING ZONE LZ1                   | LIGHTING ZONE LZ2   | LIGHTING ZONE LZ3       | LIGHTING ZONE LZ4                   |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <b>MAXIMUM ALLOWABLE BACKLIGHT RATING<sup>1</sup></b>   |                          |                                     |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| Luminaire greater than 2 mounting heights (MH) from property line   | N/A                      | No Limit                            | No Limit  | No Limit                | No Limit                            |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| Luminaire back hemisphere is 1-2 MH from property line  | N/A                      | B2                                  | B3  | B4                      | B4                                  |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| Luminaire back hemisphere is 0.5-1 MH from property line  | N/A                      | B1                                  | B2  | B3                      | B3                                  |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| Luminaire back hemisphere is less than 0.5 MH from property line  | N/A                      | B0                                  | B0  | B1                      | B2                                  |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| <b>MAXIMUM ALLOWABLE UPLIGHT RATING (U)</b>   |                          |                                     |   |                         |                                     |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| For area lighting <sup>1</sup>  | N/A                      | U0                                  | U0  | U0                      | U0                                  |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |
| For all other outdoor lighting, including decorative luminaires   | N/A                      | U1                                  | U2  | U3                      | UR                                  |   |                   |                   |   |     |                     |              |     |        |   |              |          |                      |              |          |  |                   |        |     |                      |              |  |     |    |    |    |    |  |     |    |    |    |    |   |  |  |  |  |  |                                |     |    |    |    |    |   |     |    |    |    |    |

| Y   | NA                       | RESPON. PARTY            | Y   | NA                       | RESPON. PARTY            | Y   | NA                       | RESPON. PARTY            |    |    |
|---|--------------------------|--------------------------|---|--------------------------|--------------------------|---|--------------------------|--------------------------|----|----|
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>                  | <input type="checkbox"/> | <input type="checkbox"/> |    |    |
| <b>MAXIMUM ALLOWABLE GLARE RATING (G)</b>   |                          |                          | <b>MAXIMUM ALLOWABLE GLARE RATING (G)</b> |                          |                          | <b>MAXIMUM ALLOWABLE GLARE RATING (G)</b> |                          |                          |    |    |
|   | N/A                      | G1                       | G2  | G3                       | G4                       |   | N/A                      | G0                       | G1 | G2 |
|   | N/A                      | G0                       | G1  | G1                       | G2                       |   | N/A                      | G0                       | G0 | G1 |
|   | N/A                      | G0                       | G0  | G1                       | G1                       |   | N/A                      | G0                       | G0 | G0 |
|   | N/A                      | G0                       | G0  | G0                       | G1                       |   | N/A                      | G0                       | G0 | G1 |
| <ol style="list-style-type: none"> <li>IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the California Energy Code and Chapter 10 of the California Administrative Code.</li> <li>For property lines that about public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that about public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.</li> <li>General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaires located in these areas shall meet U-value limits for "all other outdoor lighting"</li> </ol>  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>5.106.8.1 Facing-Backlight</b><br>Luminaires within 2MH of a property line shall be oriented so that the nearest property line is behind the fixture, and shall comply with the backlight rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point of that property line. <b>Exception: Corners.</b> If two property lines (or two segments of the same property line) have equidistant point to the luminaire, then the luminaire may be oriented so that the intersection of the two lines (the corner) is directly behind the luminaire. The luminaire shall still use the distance to the nearest point(s) on the property lines to determine the required backlight rating.   |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>5.106.8.2 Facing-Glare.</b><br>For luminaires covered by 5.106.8.1, if a property line also exists within or extends into the front hemisphere within 2MH of the luminaire then the luminaire shall comply with the more stringent glare rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point on the nearest property line within the front hemisphere. <b>Note: [N]</b> <ol style="list-style-type: none"> <li>See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.</li> <li>Refer to Chapter 5 (Compliance Forms, Worksheets and Reference Material) for IES TM-15-11 Table A-1, California Energy Code Tables 130.2-A and 130.2-B.</li> <li>Refer to the California Building Code for requirements for additions and alterations.</li> </ol>   |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>5.106.10 GRADING AND PAVING.</b> Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following: <ol style="list-style-type: none"> <li>Swales.</li> <li>Water collection and disposal systems.</li> <li>French drains.</li> <li>Water retention gardens.</li> <li>Other water measures which keep surface water away from buildings and aid in groundwater recharge.</li> </ol> <b>Exception:</b> Additions and alterations not altering the drainage path.  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>5.106.12 SHADE TREES [DSA-SS].</b> Shade Trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation system to establish and maintain tree health shall comply with Section 5.304.6. <ol style="list-style-type: none"> <li><b>5.106.12.1 Surface parking areas.</b> Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years.               <b>Exceptions:</b> Surface parking area covered by solar photovoltaic shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.             </li> <li><b>5.106.12.2 Landscape areas.</b> Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years.               <b>Exceptions:</b> Playfields for organized sport activity are not included in the total area calculation.             </li> <li><b>5.106.12.3 Hardscape areas.</b> Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years.               <b>Exceptions:</b> <ol style="list-style-type: none"> <li>Walks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.</li> <li>Designated and marked play areas of organized sport activity are not included in the total area calculation.</li> </ol> </li> </ol> |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>DIVISION 5.2 ENERGY EFFICIENCY</b>   |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>SECTION 5.201 GENERAL</b>  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>5.201.1 Scope [BSC-CG], California Energy Code [DSA-SS].</b> For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.   |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION</b>   |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>SECTION 5.301 GENERAL</b>  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>5.301.1 Scope.</b> The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>SECTION 5.302 DEFINITIONS</b><br>5.302.1 Definitions. The following terms are defined in Chapter 2 (and are included here for reference)   |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAFA) [DSA-SS].</b> An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which as two major influences on the amount of water that needs to be applied to the landscape.   |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>FOOTPRINT AREA [DSA-SS].</b> The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>METERING FAUCET.</b> A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>GRAYWATER.</b> Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to, wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO).</b> The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO) [HCD]</b> The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least as effective as the MWELO.  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>POTABLE WATER.</b> Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>POTABLE WATER [HCD]</b> Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>RECYCLED WATER.</b> Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.   |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>SUBMETER. [HCD 1]</b> A secondary device beyond a meter that measures water consumption of an individual rental unit within a multifamily residential structure or mixed-use residential and commercial structure. (See Civic Code Section 1954.202 (g) and Water code Section 517 for additional details.)  |                          |                          |   |                          |                          |   |                          |                          |    |    |
| <b>WATER BUDGET.</b> Is the estimated total landscape irrigation water which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape Ordinance (MWELO).  |                          |                          |   |                          |                          |   |                          |                          |    |    |

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

PROJECT: **Ayawaska Cotati**  
 8201 Old Redwood Hwy, Suite 'A'  
 Cotati, CA 94931  
 APN: 144-265-002

DATE: 08.15.2025  
 JOB NO:  
 SCALE: As Noted  
 PHASE:  
 SUBMITTAL  
 PERMIT SUBMITTAL 09/25/25  
 SHEET NUMBER

# 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

## NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (January 2023)

Y = YES  
NA = NOT APPLICABLE  
RESPON. PARTY = RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

| Y | NA | RESPON. PARTY | SECTION  | Y | NA | RESPON. PARTY | SECTION   | Y | NA | RESPON. PARTY | SECTION  | Y | NA | RESPON. PARTY | SECTION  |
|---|----|---------------|--|---|----|---------------|---|---|----|---------------|--|---|----|---------------|--|
|   |    |               | <b>SECTION 5.303 INDOOR WATER USE</b>  |   |    |               | <b>SECTION 5.402 DEFINITIONS</b>  |   |    |               | <b>SECTION 5.404 WEATHER PROTECTION</b>  |   |    |               | <b>SECTION 5.406 MOISTURE CONTROL</b>  |
|   |    |               | <b>5.303.1 METERS.</b> Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.   |   |    |               | <b>5.402.1 DEFINITIONS.</b> The following terms are defined in Chapter 2 (and are included here for reference)  |   |    |               | <b>5.404.1 WEATHER PROTECTION.</b> Provide a weather-resistant exterior wall and foundation enclosure as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.   |   |    |               | <b>5.406.1 MOISTURE CONTROL.</b> Employ moisture control measures by the following methods:  |
|   |    |               | <b>5.303.1.1 Buildings in excess of 50,000 square feet.</b> Separate submeters shall be installed as follows:  |   |    |               | <b>ADJUST.</b> To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.  |   |    |               | <b>5.406.1.1 Buildings in excess of 50,000 square feet.</b> Separate submeters shall be installed as follows:  |   |    |               | <b>5.406.1.1 Buildings in excess of 50,000 square feet.</b> Separate submeters shall be installed as follows:  |
|   |    |               | 1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (300 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.  |   |    |               | <b>BALANCE.</b> To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.  |   |    |               | 1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (300 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.  |   |    |               | 1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (300 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.  |
|   |    |               | 2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:  |   |    |               | <b>BUILDING COMMISSIONING.</b> A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements. |   |    |               | 2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:  |   |    |               | 2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:  |
|   |    |               | a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).  |   |    |               | <b>ORGANIC WASTE.</b> Food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.  |   |    |               | a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).  |   |    |               | a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).  |
|   |    |               | b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).   |   |    |               | <b>TEST.</b> A procedure to determine quantitative performance of a system or equipment   |   |    |               | b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).   |   |    |               | b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).   |
|   |    |               | c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).   |   |    |               | <b>SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT</b>   |   |    |               | c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).   |   |    |               | c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).   |
|   |    |               | <b>5.303.1.2 Excess consumption.</b> A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.   |   |    |               | <b>5.407.1 WEATHER PROTECTION.</b> Provide a weather-resistant exterior wall and foundation enclosure as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.                                      |   |    |               | <b>5.303.1.2 Excess consumption.</b> A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.   |   |    |               | <b>5.303.1.2 Excess consumption.</b> A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.   |
|   |    |               | <b>5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS.</b> Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:  |   |    |               | <b>5.407.2 MOISTURE CONTROL.</b> Employ moisture control measures by the following methods:   |   |    |               | <b>5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS.</b> Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:  |   |    |               | <b>5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS.</b> Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:  |
|   |    |               | <b>5.303.3.1 Water Closets.</b> The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type Toilets.  |   |    |               | <b>5.407.2.1 Sprinklers.</b> Design and maintain landscape irrigation systems to prevent spray on structures.   |   |    |               | <b>5.303.3.1 Water Closets.</b> The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type Toilets.  |   |    |               | <b>5.303.3.1 Water Closets.</b> The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type Toilets.  |
|   |    |               | <b>Note:</b> The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.   |   |    |               | <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:  |   |    |               | <b>Note:</b> The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.   |   |    |               | <b>Note:</b> The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.   |
|   |    |               | <b>5.303.3.2 Urinals.</b>  |   |    |               | <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:  |   |    |               | <b>5.303.3.2 Urinals.</b>  |   |    |               | <b>5.303.3.2 Urinals.</b>  |
|   |    |               | <b>5.303.3.2.1 Wall-mounted Urinals.</b> The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.  |   |    |               | 1. An installed awning at least 4 feet in depth.  |   |    |               | <b>5.303.3.2.1 Wall-mounted Urinals.</b> The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.  |   |    |               | <b>5.303.3.2.1 Wall-mounted Urinals.</b> The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.  |
|   |    |               | <b>5.303.3.2.2 Floor-mounted Urinals.</b> The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.   |   |    |               | 2. The door is protected by a roof overhang at least 4 feet in depth.   |   |    |               | <b>5.303.3.2.2 Floor-mounted Urinals.</b> The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.   |   |    |               | <b>5.303.3.2.2 Floor-mounted Urinals.</b> The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.   |
|   |    |               | <b>5.303.3.3 Showerheads [BSC-CG].</b>   |   |    |               | 3. The door is recessed at least 4 feet.  |   |    |               | <b>5.303.3.3 Showerheads [BSC-CG].</b>   |   |    |               | <b>5.303.3.3 Showerheads [BSC-CG].</b>   |
|   |    |               | <b>5.303.3.3.1 Single showerhead.</b> Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.   |   |    |               | 4. Other methods which provide equivalent protection.   |   |    |               | <b>5.303.3.3.1 Single showerhead.</b> Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.   |   |    |               | <b>5.303.3.3.1 Single showerhead.</b> Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.   |
|   |    |               | <b>5.303.3.3.2 Multiple showerheads serving one shower.</b> When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.   |   |    |               | <b>5.407.2.2.2 Flashing.</b> Install flashings integrated with a drainage plane.  |   |    |               | <b>5.303.3.3.2 Multiple showerheads serving one shower.</b> When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.   |   |    |               | <b>5.303.3.3.2 Multiple showerheads serving one shower.</b> When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.   |
|   |    |               | <b>Note:</b> A hand-held shower shall be considered a showerhead.  |   |    |               |   |   |    |               | <b>Note:</b> A hand-held shower shall be considered a showerhead.  |   |    |               | <b>Note:</b> A hand-held shower shall be considered a showerhead.  |
|   |    |               | <b>5.303.3.4 Faucets and fountains.</b>  |   |    |               |   |   |    |               | <b>5.303.3.4 Faucets and fountains.</b>  |   |    |               | <b>5.303.3.4 Faucets and fountains.</b>  |
|   |    |               | <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.   |   |    |               |   |   |    |               | <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.   |   |    |               | <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.   |
|   |    |               | <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 80 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.   |   |    |               |   |   |    |               | <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 80 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.   |   |    |               | <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 80 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.   |
|   |    |               | <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].  |   |    |               |   |   |    |               | <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].  |   |    |               | <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].  |
|   |    |               | <b>5.303.3.4.4 Metering faucets.</b> Metering faucets shall not deliver more than 0.20 gallons per cycle.  |   |    |               |   |   |    |               | <b>5.303.3.4.4 Metering faucets.</b> Metering faucets shall not deliver more than 0.20 gallons per cycle.  |   |    |               | <b>5.303.3.4.4 Metering faucets.</b> Metering faucets shall not deliver more than 0.20 gallons per cycle.  |
|   |    |               | <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].   |   |    |               |   |   |    |               | <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].   |   |    |               | <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].   |
|   |    |               | <b>Note:</b> Where complying faucets are unavailable, aerators or other means may be used to achieve restriction.  |   |    |               |   |   |    |               | <b>Note:</b> Where complying faucets are unavailable, aerators or other means may be used to achieve restriction.  |   |    |               | <b>Note:</b> Where complying faucets are unavailable, aerators or other means may be used to achieve restriction.  |
|   |    |               | <b>5.303.3.4.6 Pre-rinse spray valve</b>   |   |    |               |   |   |    |               | <b>5.303.3.4.6 Pre-rinse spray valve</b>   |   |    |               | <b>5.303.3.4.6 Pre-rinse spray valve</b>   |
|   |    |               | When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff.  |   |    |               |   |   |    |               | When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff.  |   |    |               | When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff.  |
|   |    |               | <b>FOR REFERENCE ONLY:</b> The following table and code section have been reprinted from the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section 1605.3 (h)(4)(A).  |   |    |               |   |   |    |               | <b>FOR REFERENCE ONLY:</b> The following table and code section have been reprinted from the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section 1605.3 (h)(4)(A).  |   |    |               | <b>FOR REFERENCE ONLY:</b> The following table and code section have been reprinted from the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section 1605.3 (h)(4)(A).  |
|   |    |               | <b>TABLE H-2</b>   |   |    |               |   |   |    |               | <b>TABLE H-2</b>   |   |    |               | <b>TABLE H-2</b>   |
|   |    |               | <b>STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER JANUARY 28, 2019</b>   |   |    |               |   |   |    |               | <b>STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER JANUARY 28, 2019</b>   |   |    |               | <b>STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER JANUARY 28, 2019</b>   |
|   |    |               | <b>PRODUCT CLASS</b>   |   |    |               |   |   |    |               | <b>PRODUCT CLASS</b>   |   |    |               | <b>PRODUCT CLASS</b>   |
|   |    |               | [spray force in ounce force (ozf)]   |   |    |               |   |   |    |               | [spray force in ounce force (ozf)]   |   |    |               | [spray force in ounce force (ozf)]   |
|   |    |               | <b>MAXIMUM FLOW RATE (gpm)</b>   |   |    |               |   |   |    |               | <b>MAXIMUM FLOW RATE (gpm)</b>   |   |    |               | <b>MAXIMUM FLOW RATE (gpm)</b>   |
|   |    |               | Product Class 1 (≤ 5.0 ozf)  |   |    |               |   |   |    |               | Product Class 1 (≤ 5.0 ozf)  |   |    |               | Product Class 1 (≤ 5.0 ozf)  |
|   |    |               | Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)  |   |    |               |   |   |    |               | Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)  |   |    |               | Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)  |
|   |    |               | Product Class 3 (> 8.0 ozf)  |   |    |               |   |   |    |               | Product Class 3 (> 8.0 ozf)  |   |    |               | Product Class 3 (> 8.0 ozf)  |
|   |    |               |  |   |    |               |   |   |    |               |  |   |    |               |  |
|   |    |               | <b>5.303.4 COMMERCIAL KITCHEN EQUIPMENT.</b>   |   |    |               |   |   |    |               | <b>5.303.4 COMMERCIAL KITCHEN EQUIPMENT.</b>   |   |    |               | <b>5.303.4 COMMERCIAL KITCHEN EQUIPMENT.</b>   |
|   |    |               | <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.   |   |    |               |   |   |    |               | <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.   |   |    |               | <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.   |
|   |    |               | <b>Note:</b> This code section does not affect local jurisdiction authority to prohibit or require disposer installation.  |   |    |               |   |   |    |               | <b>Note:</b> This code section does not affect local jurisdiction authority to prohibit or require disposer installation.  |   |    |               | <b>Note:</b> This code section does not affect local jurisdiction authority to prohibit or require disposer installation.  |
|   |    |               | <b>5.303.5 AREAS OF ADDITION OR ALTERATION.</b> For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.   |   |    |               |   |   |    |               | <b>5.303.5 AREAS OF ADDITION OR ALTERATION.</b> For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.   |   |    |               | <b>5.303.5 AREAS OF ADDITION OR ALTERATION.</b> For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.   |
|   |    |               | <b>5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS.</b> Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.  |   |    |               |   |   |    |               | <b>5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS.</b> Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.  |   |    |               | <b>5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS.</b> Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.  |
|   |    |               | <b>SECTION 5.304 OUTDOOR WATER USE</b>   |   |    |               |   |   |    |               | <b>SECTION 5.304 OUTDOOR WATER USE</b>   |   |    |               | <b>SECTION 5.304 OUTDOOR WATER USE</b>   |
|   |    |               | <b>5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS.</b> Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.   |   |    |               |   |   |    |               | <b>5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS.</b> Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.   |   |    |               | <b>5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS.</b> Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.   |
|   |    |               | <b>Notes:</b>  |   |    |               |   |   |    |               | <b>Notes:</b>  |   |    |               | <b>Notes:</b>  |
|   |    |               | 1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.  |   |    |               |   |   |    |               | 1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.  |   |    |               | 1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.  |
|   |    |               | 2. MWELO and supporting documents, including a water budget calculator, are available at: <a href="https://www.water.ca.gov/">https://www.water.ca.gov/</a> .  |   |    |               |   |   |    |               | 2. MWELO and supporting documents, including a water budget calculator, are available at: <a href="https://www.water.ca.gov/">https://www.water.ca.gov/</a> .  |   |    |               | 2. MWELO and supporting documents, including a water budget calculator, are available at: <a href="https://www.water.ca.gov/">https://www.water.ca.gov/</a> .  |
|   |    |               | <b>5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS.</b> For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35. |   |    |               |   |   |    |               | <b>5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS.</b> For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35. |   |    |               | <b>5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS.</b> For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35. |
|   |    |               | <b>Exception:</b> Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.  |   |    |               |   |   |    |               | <b>Exception:</b> Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.  |   |    |               | <b>Exception:</b> Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.  |
|   |    |               | <b>5.304.6.1 Newly constructed landscapes.</b> New construction projects with an aggregate landscape area equal to or greater than 500 square feet.  |   |    |               |   |   |    |               | <b>5.304.6.1 Newly constructed landscapes.</b> New construction projects with an aggregate landscape area equal to or greater than 500 square feet.  |   |    |               | <b>5.304.6.1 Newly constructed landscapes.</b> New construction projects with an aggregate landscape area equal to or greater than 500 square feet.  |
|   |    |               | <b>5.304.6.2 Rehabilitated landscapes.</b> Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.   |   |    |               |   |   |    |               | <b>5.304.6.2 Rehabilitated landscapes.</b> Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.   |   |    |               | <b>5.304.6.2 Rehabilitated landscapes.</b> Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.   |
|   |    |               | <b>DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY</b>  |   |    |               |   |   |    |               | <b>DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY</b>  |   |    |               | <b>DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY</b>  |
|   |    |               | <b>SECTION 5.401 GENERAL</b>   |   |    |               |   |   |    |               | <b>SECTION 5.401 GENERAL</b>   |   |    |               | <b>SECTION 5.401 GENERAL</b>   |
|   |    |               | <b>5.401.1 SCOPE.</b> The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.  |   |    |               |   |   |    |               | <b>5.401.1 SCOPE.</b> The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.  |   |    |               | <b>5.401.1 SCOPE.</b> The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.  |
|   |    |               | <b>5.410.2 COMMISSIONING. [N]</b> New buildings 10,000 square feet and over. For new buildings   |   |    |               |   |   |    |               |  |   |    |               |  |



California

# 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 3 (January 2023)

three60

Y NA RESPON. PARTY YES APPLICABLE RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)



**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 | CURRENT VOC LIMIT |
| <b>ARCHITECTURAL APPLICATIONS</b>                       |                   |
| 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                |

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. 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/SCURHTMLR/1168.PDF

| TABLE 5.504.4.2 - SEALANT VOC LIMIT                     |                   |
|---|-------------------|
| Less Water and Less Exempt Compounds in Grams per Liter | CURRENT VOC LIMIT |
| <b>SEALANTS</b>   |                   |
| 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, 4.26 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 PPMIR 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 - CONT.   |                   |
|---|-------------------|
| GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS |                   |
| COATING CATEGORY  | CURRENT VOC LIMIT |
| <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               |
| <b>SHELLACS:</b>  |                   |
| CLEAR   | 730               |
| OPAQUE  | 550               |
| <b>SPECIALTY PRIMERS, SEALERS &amp; UNDERCOATERS</b>                  |                   |
| 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               |

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. 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 the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CCDCDP/DEDC/ELH/IAQ/Pages/VOC.aspx#material>

**5.504.4.4.1 Carpet cushion.** All carpet cushion installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CCDCDP/DEDC/ELH/IAQ/Pages/VOC.aspx#material>

**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 S3 standards.
- Other methods acceptable to the enforcing agency.

| 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:                     | 0.13          |

1. 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.

2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

**5.504.4.6 Resilient flooring systems.** Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CCDCDP/DEDC/ELH/IAQ/Pages/VOC.aspx#material>

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

**5.504.4.7 Thermal insulation** Comply with the requirements of the California Department of Public Health, "Standard Method of the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 1, 2017 (Emission testing method for California Specification 01350). See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CCDCDP/DEDC/ELH/IAQ/Pages/VOC.aspx#material>

**5.504.4.7.1 Verification of compliance.** Documentation shall be provided verifying that thermal insulation materials meet the pollutant emission limits.

**5.504.4.8 Acoustical ceiling and wall panels.** Comply with the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specification 01350). See California Department of Public Health's website for certification programs and testing labs.

**5.504.4.8.1 Verification of compliance.** Documentation shall be provided verifying that acoustical finish 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 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 entries, outdoor air intakes 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).

**5.506.3 Carbon dioxide (CO<sub>2</sub>) monitoring in classrooms.** (DSA-SS) Each public K-12 school classroom, as listed in Table 120.1.4 of the California Energy Code, shall be equipped with a carbon dioxide monitor or sensor that meets the following requirements:

- The monitor or sensor shall be permanently affixed in a tamper-proof manner in each classroom between 3 and 6 feet (914 mm and 1829 mm) above the floor and at least 5 feet (1524 mm) away from door and operable windows.
- When the monitor or sensor is not integral to an Energy Management Control System (EMCS), the monitor or sensor shall display the carbon dioxide readings on the device. When the sensor is integral to an EMCS, the carbon dioxide readings shall be available to and regularly monitored by facility personnel.
- A monitor shall provide notification through a visual indicator on the monitor when the carbon dioxide levels in the classroom have exceeded 1,100ppm. A sensor integral to an EMCS shall provide notification to facility personnel through a visual and/or audible indicator when the carbon dioxide levels in the classroom have exceeded 1,100ppm.
- The monitor or sensor shall measure carbon dioxide levels at minimum 15-minute intervals and shall maintain a record of previous carbon dioxide measurements of not less than 30 days duration.
- The monitor or sensor used to measure carbon dioxide levels shall have the capacity to measure carbon dioxide levels with a range of 400ppm to 2000ppm or greater.
- The monitor or sensor shall be certified by the manufacturer to be accurate within 75ppm at 1,000ppm carbon dioxide concentration and shall be certified by the manufacturer to require calibration no more frequently than once every 5 years.

**SECTION 5.507 ENVIRONMENTAL COMFORT**  
**5.507.4 ACUSTICAL CONTROL.** Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 80 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.

**5.507.4.1 Exterior noise transmission, prescriptive method.** Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC 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>n</sub> or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
- L<sub>n</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.

2. Within the 65 CNEL or L<sub>n</sub> noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Emission of the General Plan.

**5.507.4.1.1 Noise exposure where noise contours are not readily available.** Buildings exposed to a noise level of 65 dBA L<sub>n</sub> or L<sub>dn</sub> 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-Hr) 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 sound levels shall be prepared by personnel approved by the architect or engineer of record.

**5.507.4.3 Interior sound transmission.** Wall and floor-ceiling assemblies separating tenant spaces and tenant 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.toolbase.org/PDF/CaseStudies/stc\\_ccc\\_ratings.pdf](http://www.toolbase.org/PDF/CaseStudies/stc_ccc_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.

**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 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 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:

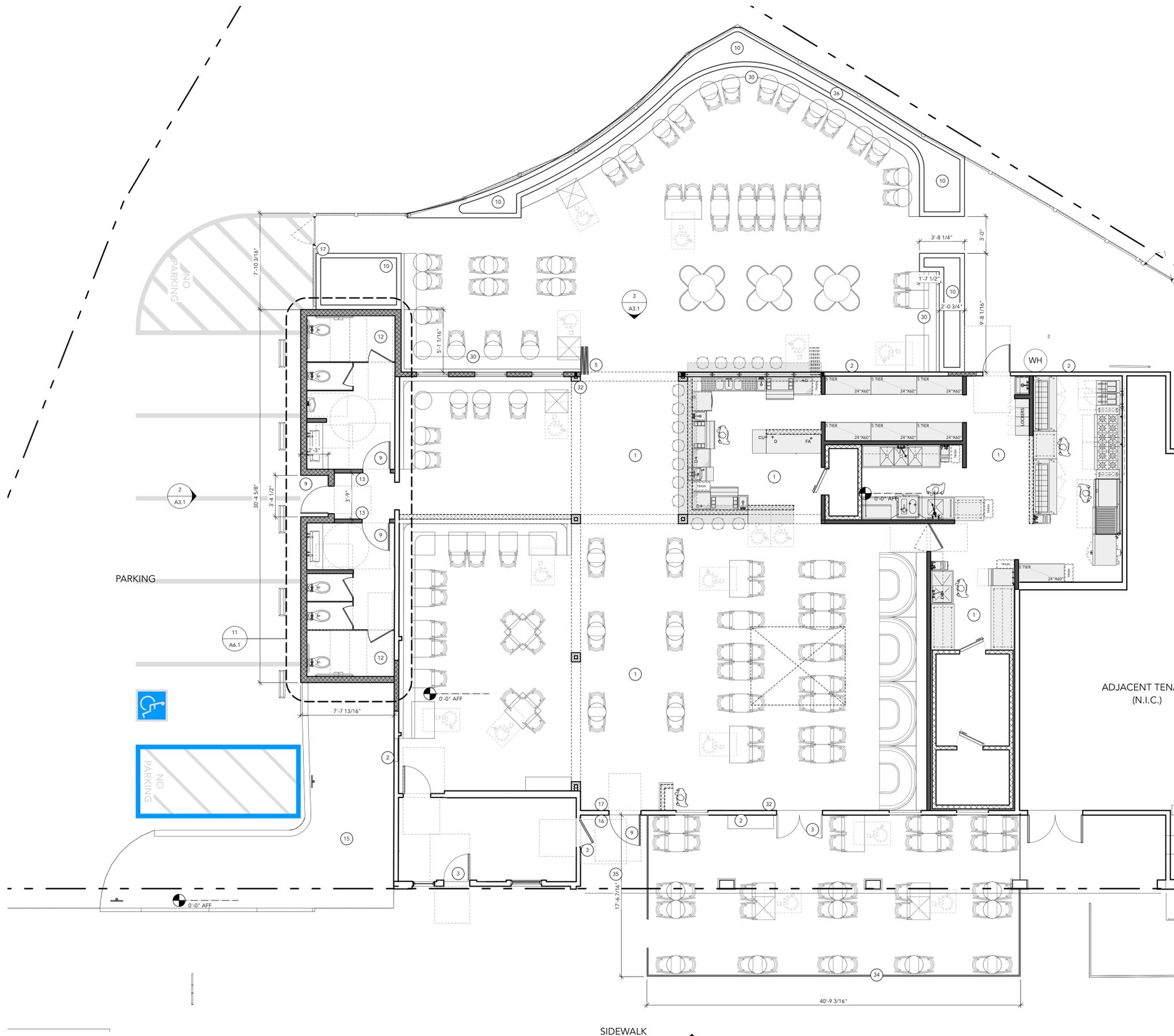
- State certified apprenticeship programs.
- Public utility training programs.
- Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
- Programs sponsored by manufacturing organizations.
- Other programs acceptable to the enforcing agency.

**702.2 SPECIAL INSPECTION [HCD].** 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 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).



**Floor Plan General Notes**

- DIMENSIONS ARE AS FOLLOWS:  
(E) DEMISING WALLS: FROM FACE OF WALL, U.O.N.  
(N) PARTITIONS: FACE OF FINISH, U.O.N.
- ALL PAINTS & WALL COVERINGS SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND RECOMMENDATION FOR THE PARTICULAR SURFACE.
- ALL METAL SURFACES SHALL BE PROPERLY PREPARED PRIOR TO PAINTING IF NECESSARY.
- TYPICAL FLOOR COVERING TRANSITIONS ARE AT CENTERLINE OF DOOR OR AT CENTERLINE OF OPENING WHERE NO DOOR IS PRESENT.
- PATCH ALL AREAS WHERE FLOOR IS NOT LEVEL OR CRACKED PRIOR TO FLOORING INSTALLATION.
- CONTRACTOR SHALL VERIFY THAT ALL PENETRATIONS WILL NOT COMPROMISE THE STRUCTURAL INTEGRITY OF THE EXISTING SLAB. GPR OF EXISTING CONDITIONS MAY BE REQUIRED (W.I.F.).
- WALL, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD INDEX B CLASSIFICATIONS PER CBC TABLE 803.2.
- FASTENERS FOR PRESERVATIVE TREATED AND FIRE TREATED WOOD SHALL BE OF HOT DIPPED ZINC COATED GALVANIZED STEEL. SILICON BRONZE OR COPPER. THE COATING WEIGHTS FOR ZINC COATED FASTENERS SHALL BE IN ACCORDANCE WITH ASTM A 153. (CBC 2304.9.5)
- CONFIRM 144 SQ. FT. MIN. OF DRY STORAGE AREA IS PROVIDED.
- PROVIDE BLOCKING AND BACKING IN EXISTING WALLS AND NEW PARTITIONS FOR ALL CASEWORK, SHELVING, COUNTERTOPS, TOILET ACCESSORIES, AND OWNER SUPPLIED EQUIPMENT. COORDINATE WITH SHOP DRAWINGS.
- ALL ANGLED WALLS ARE @ 45°, 90°, OR 135° U.O.N.
- WHERE DEMOLITION OCCURS ADJACENT TO EXISTING TO REMAIN, PATCH AND REPAIR ADJACENT CONDITIONS FOR A UNIFORM APPEARANCE.
- MAINTAIN FIRE RESISTANCE RATING AT ALL EXISTING TENANT DEMISING WALLS.
- ALL SLAB PENETRATION SHOULD BE COORDINATED WITH THE TENANT REP.
- PROVIDE MOP SINK WITH MOP BACK AND CABINET FOR CLEANING SUPPLIES, TOWELS AND APPAREL. FRP UP TP 8 FT.
- PROVIDE HANDWASHING CLEANSER AND SINGLE-USE SANITARY TOWELS IN PERMANENTLY INSTALLED DISPENSERS AT ALL HANDWASHING SINKS.
- PROVIDE 6" MIN. HEIGHT SPLASHGUARD IF THE DISTANCE BETWEEN HAND SINKS, PREP SINKS AND 3-COMPARTMENT SINKS IS LESS THAN 24 INCHES.
- ALL UPRIGHT REFRIGERATOR AND FREEZER UNITS TO BE MOUNTED ON APPROVED COMMERCIAL CASTERS, TYP.
- PROVIDE OCCUPANT LOAD SIGNAGE AT DINING AREA AND PATIO AT A CONSPICUOUS PLACE NEAR THE MAIN EXIT.

**Floor Plan Key Notes**

- UNDER SEPARATE PERMIT, INTERIOR IMPROVEMENTS. FURNITURE SHOWN FOR REFERENCE ONLY, TYP.
- EXISTING EXTERIOR WALL, GC TO PATCH & REPAIR AS REQ'D
- EXISTING DOOR TO REMAIN, SEE A5.0 FOR DOOR SCHEDULE, SEE DETAIL 1/A0.3c FOR DOOR CLEARANCE REQUIREMENTS
- UTILITIES METER, SEE MEP DRAWINGS, TYP.
- INI ALUMINUM STOREFRONT SYSTEM, GC TO INSTALL PER MFR. SPECS, SUBMIT SHOP DWGS FOR APPROVAL PRIOR TO ORDER, SEE STRUCTURAL DWGS.
- POST SIGN OVER DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHILE BUILDING IS OCCUPIED". SEE DETAIL 6/A5.0
- EXISTING ALUMINUM STOREFRONT SYSTEM TO REMAIN, TYP. GC TO INSTALL SUITE NUMBER, COORDINATE FINAL LOCATION W/ARCH
- NOT USED
- INI DOOR, SEE SHEET A5.0 FOR DOOR SCHEDULE, SEE DETAIL 1/A0.3c FOR DOOR CLEARANCE REQUIREMENTS
- OUTDOOR PLANTER, SHOWN FOR REFERENCE ONLY, TYP.
- PROVIDE INTEGRAL COVE BASE THROUGHOUT THE ENTIRE BACK OF HOUSE, UP TO 4" AT WALLS & UP THE TOE-KICKS OF ANY COUNTERTOPS. SEE DETAIL 7 & 8/A6.1. FLOOR SHALL SLOPE TOWARDS FLOOR DRAINS. SEE DETAIL 10/A6.1
- INI ADA COMPLIANT RESTROOM, SEE DETAIL 11/A6.1 & 11b/A6.1 FOR ENLARGED DRAWINGS
- GC TO INSTALL TACTILE RESTROOM SIGN, SEE DETAIL 4/A5.0
- INI WALK-IN COOLER/FREEZER COMBO BY MFR., GC TO COORDINATE INSTALLATION W/VENDOR
- EXISTING LANDSCAPE TO REMAIN, GC TO REPAIR AS REQUIRED, TYP.
- PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY ON GLAZING AT ENTRY. SEE DETAIL 7/A0.3a
- GC TO INSTALL TACTILE EXIT SIGN, SEE DETAIL 4E/A5.0
- INI MOP SINK, SEE DETAIL 5/A6.1, PROVIDE BROOM AND MOP WALL HANGER AT ADJACENT WALL
- PONY WALL BELOW AT COUNTER, SEE DETAIL 2/A6.2
- LINE OF GYP. SOFFIT ABOVE, SHOWN DASHED, SEE DETAIL 5/A6.0
- LINE OF HOOD ABOVE SHOWN DASHED, SEE MECHANICAL DWGS.
- ADA ACCESSIBLE COUNTER @ 34" MAX A.F.F., 60" MIN., SHALL COMPLY WITH CBC SECTION 11B-206.3, SEE DETAIL 1/A6.2
- FIRE EXTINGUISHER PROPOSED LOCATION, COORDINATE W/ FIRE MARSHALL PRIOR TO INSTALLATION
- EMPLOYEE LOCKERS, WALL MOUNTED 4" A.F.F.
- PROVIDE BACKING AT WALLS, SEE DETAIL 4/A6.1
- PROVIDE GROMMETS AT COUNTER TOP FOR POS, COORDINATE WITH LOW VOLTAGE VENDOR, TYP.
- WATER HEATER 6" OFF THE FLOOR. SEE DETAIL 6/A6.1, SEE MEP SHEETS FOR MORE INFORMATION.
- GC TO PROVIDE CORNER GUARDS AT BACK OF THE HOUSE
- WIRE SHELVING, SIZE VARIES
- BUILT-IN BANQUETTE, PER MILLWORK MFR. SUBMIT MILLWORK SHOP DRAWINGS FOR APPROVAL, PRIOR TO FABRICATION
- INI MILLWORK BOOTHS, SUBMIT SHOP DRAWINGS FOR APPROVAL, PRIOR TO FABRICATION
- ADA ACCESSIBLE PATIO SIGNAGE, SEE DETAIL 2/A0.3c
- EXISTING SKYLIGHT ABOVE TO REMAIN, SHOWN WITH DASHED LINE
- EXISTING OUTDOOR SEATING AREA TO REMAIN, GC TO REPAIR METAL RAILING
- GC TO PROVIDE NEW 40" DOOR LANDING AT FRONT DOOR 1:48 MAX SLOPE, 1:12 MAX SLOPE THEREAFTER
- RELOCATE "THE INN OF THE BEGINNING" SIGN TO PATIO WALL, PROVIDE LIVE WALL AROUND IT.

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PROJECT: **Ayawaska Cotati**

8201 Old Redwood Hwy, Suite 'A'  
Cotati, CA 94931  
APN: 144-265-002

DATE: 08.15.2025  
JOB NO:  
SCALE: As Noted  
PHASE:

SUBMITTAL  
PERMIT SUBMITTAL 09/25/25

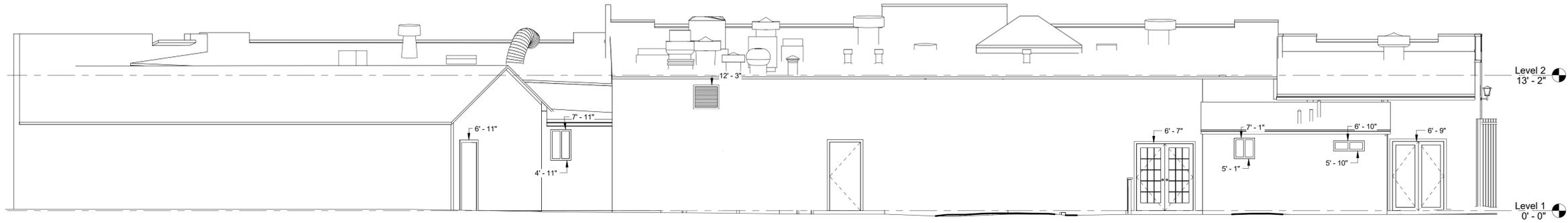
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SHEET NUMBER

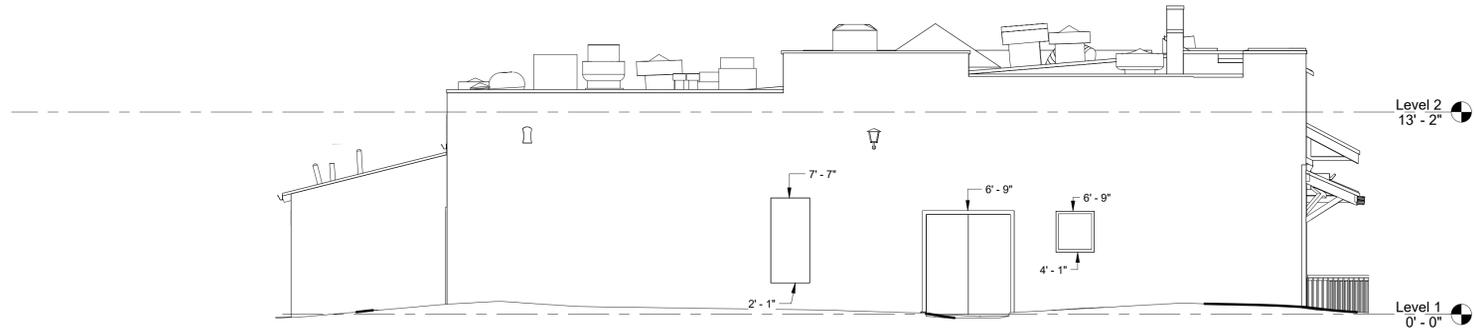
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NOTE: INTERIOR TENANT IMPROVEMENTS  
UNDER SEPARATE PERMIT

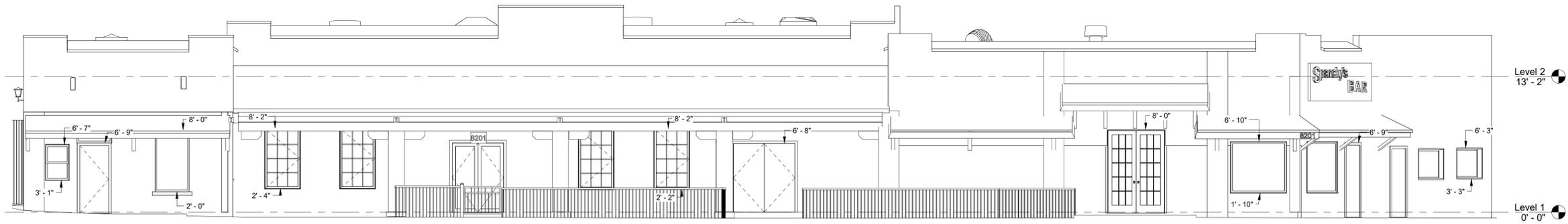




3 Existing Rear Elevation (Patio)  
Scale: 3/16" = 1'-0"



2 Existing Side Elevation (Parking Lot)  
Scale: 3/16" = 1'-0"



1 Existing Front Elevation (Old Redwood Highway)  
Scale: 3/16" = 1'-0"

PROJECT: **Ayawaska Cotati**

8201 Old Redwood Hwy, Suite 'A'  
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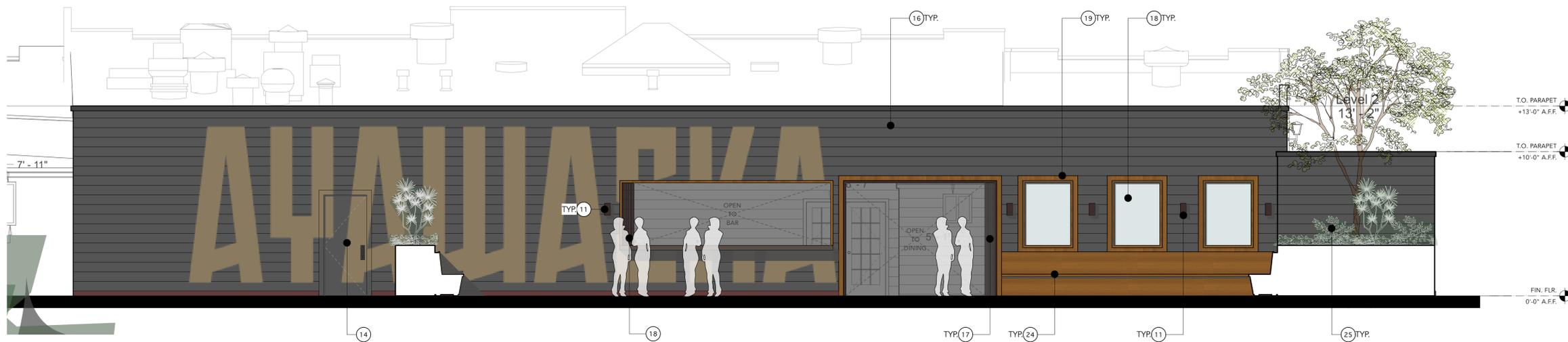
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JOB NO:  
SCALE: As Noted  
PHASE:

SUBMITTAL  
EXTERIOR PERMIT SET 10/25/24

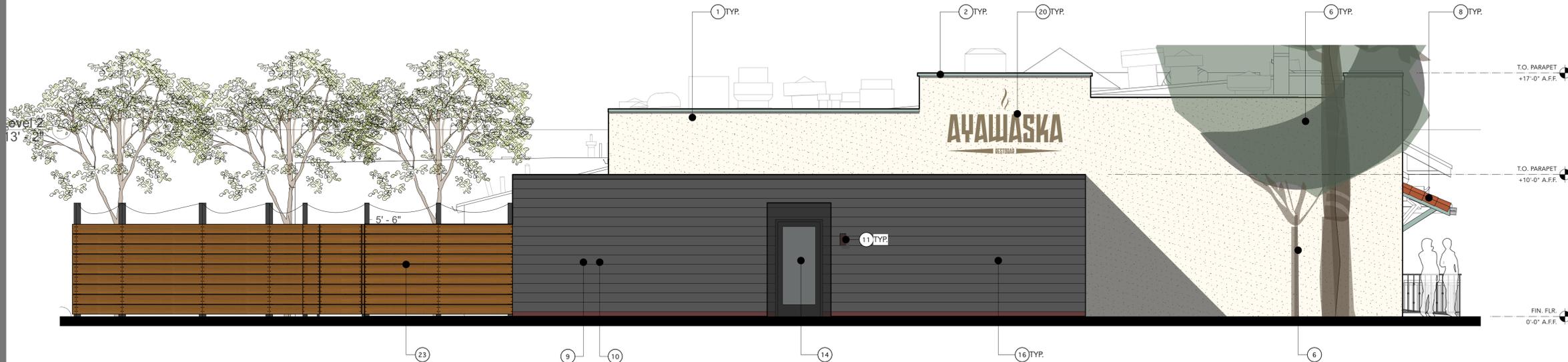
EXISTING  
EXTERIOR ELEVATIONS

SHEET NUMBER

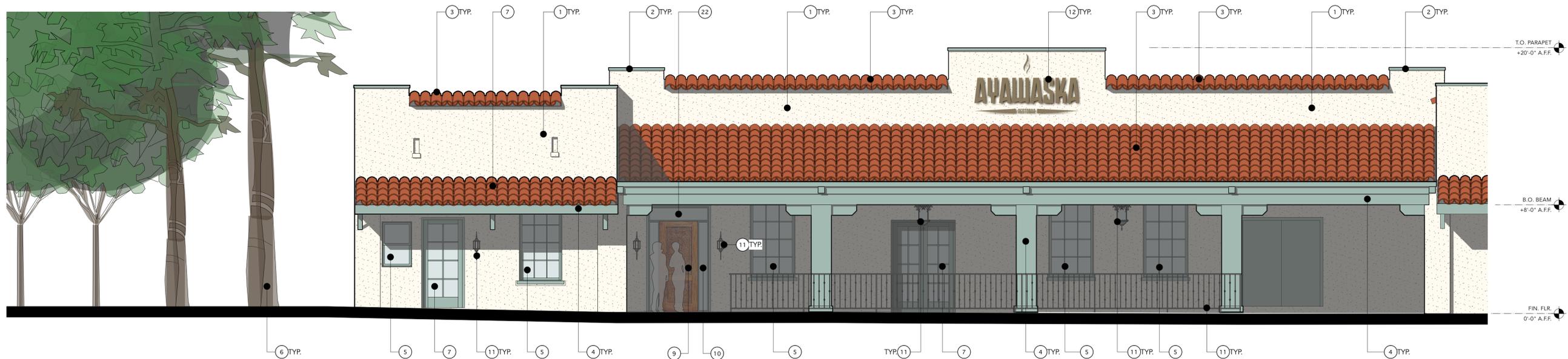
**A3.0**



3 Proposed Rear Elevation (Patio)  
Scale: 3/16" = 1'-0"



2 Proposed Side Elevation (Parking Lot)  
Scale: 3/16" = 1'-0"



1 Proposed Front Elevation (Old Redwood Highway)  
Scale: 3/16" = 1'-0"

Exterior Storefront Keynotes

- 1 (E) STUCCO FINISH TO REMAIN, GC TO PATCH & REPAIR AS REQ'D, TO BE PAINTED BENJAMIN MOORE - MOUNTAIN PEAK WHITE, TYP.
- 2 (E) TRIM TO REMAIN, GC TO PATCH & REPAIR AS REQ'D, TO BE PAINTED BENJAMIN MOORE - FOREST VALLEY GREEN, TYP.
- 3 (E) SPANISH HALF BARREL TILES, TO REMAIN, GC TO PRESERVE EXISTING TILES, PROVIDE PROTECTION DURING CONSTRUCTION.
- 4 (E) WOOD COLUMN BEAMS, COLUMNS AND TRUSSES TO REMAIN, GC TO PATCH AND REPAIR AS REQ'D, PREP AND PAINT W/ BENJAMIN MOORE - FOREST VALLEY GREEN, TYP.
- 5 (E) WINDOW TO REMAIN, GC TO PATCH, REPAIR AND PREP FOR NEW FINISH, PAINT: BENJAMIN MOORE - FOREST VALLEY GREEN
- 6 (E) STREET TREES TO REMAIN, TYP.
- 7 (E) DOOR TO REMAIN, GC TO INSTALL NEW HARDWARE & PAINT
- 8 (N) SPANISH HALF BARREL TILES, RUSTIC FINISH, GC TO PROVIDE SAMPLE FOR APPROVAL PRIOR TO PURCHASE.
- 9 (N) HAND CARVED WOOD DOOR @ (E) MAIN ENTRANCE
- 10 PROVIDE SAFETY GLASS. NOTE: GLAZING: (1) WITHIN 24 INCHES OF EITHER SIDE OF ANY DOOR, (2) GREATER THAN 9 SQ FT IN AREA WITH BOTTOM EDGE LESS THAN 18 ABOVE (AND, HORIZONTALLY, WITHIN 36 INCHES) OF A WALKING SURFACE SHALL BE SAFETY GLAZED (I.E., TEMPERED), CBC 2406.4
- 11 (N) EXTERIOR LIGHT FIXTURE, TYP.
- 12 (N) 36" HIGH WROUGHT IRON METAL FENCE & GATE, TYP.
- 13 (N) HALO-LIT METAL SIGN, PIN MOUNTED, UNDER SEPARATE PERMIT
- 14 (N) EXTERIOR DOOR.
- 15 ACCESSIBILITY SIGNAGE, GC TO ADD OR REPLACE SIGNAGE AS REQ'D
- 16 (N) SIDING, SMOOTH FINISH, TO BE PAINTED BENJAMIN MOORE - BLACK BERRY
- 17 (N) FOLDABLE DOOR @ (E) OPENING FOR PATIO DINING
- 18 (N) ALUMINUM WINDOWS
- 19 (N) 4" WOOD TRIM AROUND NEW OPENINGS, TYP.
- 20 (N) SIGNAGE THROUGHOUT, UNDER SEPARATE PERMIT, TYP.
- 21 NOT USED
- 22 (N) BUILDING ADDRESS NUMBERS CENTERED ABOVE DOOR, 4" HIGH IN CONTRASTING COLORS, PER CBC SECTION 502.1, GC TO COORD. FINAL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION
- 23 (N) WD FENCE AT REAR PATIO.
- 24 (N) BUILT-IN WD BANQUETTE, GC TO PROVIDE SHOP DRAWINGS FOR ARCHITECT APPROVAL PRIOR TO FABRICATION, TYP.
- 25 (N) LANDSCAPE AT REAR PATIO

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**A3.1**