RESPONSIBILITIES:

1. Owner shall regularly inspect and clean out dining area and portion of public sidewalk adjacent to dining area. Owners are encouraged to develop a maintenance plan for rinsing out, keeping the area free of debris, and keep all plants in good health.

2. Owner shall be responsible to remove and reinstall space should there be a need for preventative maintenance repair (i.e. base repair, pavement resurfacing, utility access) to the pavement.

3. Owner shall be responsible to respond to and for incidents that cause damage to the area (i.e. graffiti, vehicle collision, natural disasters, etc.). City maintenance services shall not be responsible to repair or replace to the above mentioned.

4. Owner is required to sweep the surrounding area and keep it litter-free as city street sweepers are unable to reach the curb line immediately adjacent to the space.

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GENERAL NOTES:

1. All layouts are pre-approved designs and provide general design criteria. The layouts have been prepared in accordance with recognized engineering principles and represent city design criteria.

2. Existing parallel parking stall dimensions assumed to be 22' long and 7' to face of curb.

3. No structural elements can extend beyond 7' from the face of curb including posts, top rails, and overhang structural supports.

4. Al fresco dining may not use part of adjacent parking spaces or encroach on right of way.

5. All spaces must meet minimum ADA standards. Layout design criteria are recommended. Any proposed work that does not meet the recommended values to be approved by Public Works.

6. Continuous opaque walls above the structural wall (3.5' high) that blocks view into the dining area from the surrounding streetscape is prohibited.

7. Construction materials to be of high quality, durable, and suitable for public use. Cedar wood or metal are recommended materials. Walls may consist of planters, railing, bollards, or cabling. Applicants are eligible to submit alternative material considerations that are preferred by the applicant.

8. Any overhead structures to provide a minimum of 7' vertical clearance.

9. Existing signs, signals, and store frontages must remain visible from street.

10. In restrictive conditions, pedestrian zone must provide a minimum 3' clear width and a clear 5' x 5' space every 200' to allow wheelchair 360° turns upon approval of Public Works. Cross slope must be less than 2%.

11. No object shall obstruct or block any city-owned sign or signal.

12. Relocated city signs and bike racks to be funded by applicant at a 1:1 ratio replacement.

13. At the discretion of the City, additional safety features may be required if location is susceptible to collisions.

14. Seating layout used in outdoor area shall conform to ADA standards.

15. If capacity warrants an increase in facilities, owner shall meet new standards.

16. The applicant shall not attach lighting, wiring, signage or anything else to the trees without a separate tree permit from the Urban Forestry Section of Public Works.

17. The applicant shall not place a heater or heat source under any tree at any time.
EXISTING PARALLEL PARKING STALL DIMENSIONS ASSUMED TO BE 22' LONG AND 7' TO FACE OF CURB.

BUFFER AREA:
1. BUFFER AREA CONTAINS STRUCTURAL BASE AND WALL. SEE STRUCTURAL SHEETS FOR ADDITIONAL INFORMATION.
2. BUFFER AREA RECOMMENDED TO BE A MINIMUM OF 1' WIDE ALONG EXISTING PARKING STALL LIMITS.
3. IF WALL WIDTH IS LESS THAN 1', BUFFER AREA TO CONTAIN CURB STOPS ALONG LIMITS OF EXISTING PARKING STALL.
4. A VISIBLE EDGE TO OUTDOOR DINING AREA IS REQUIRED. SEE EDGE MARKING DETAIL BELOW.
5. OWNER MAY ADD REMOVABLE BOLLARDS PER CITY OF SACRAMENTO DETAIL T-231 OR SURFACE MOUNTED OBJECT MARKERS AT CORNERS OF EXISTING PARKING STALL.

TYPICAL OBSTACLES:
1. 5' MINIMUM CLEARANCE DESIRED FROM ALL TREES. 2.5' MINIMUM CLEARANCE REQUIRED.
2. A MINIMUM 2.5' FROM EDGE OF TREE IS REQUIRED WITH RAILING SEPARATING PLATFORM FROM TREE. OUTDOOR DINING AREA SHALL NOT PASS OVER TREE WELLS.
3. MINIMUM 3' CLEARANCE BETWEEN FIRE HYDRANT, BACKFLOW PREVENTERS, AND OBSTRUCTIONS SUCH AS BASES AND WALLS.
4. IF LANDSCAPE IRRIGATION FACILITIES ARE COVERED BY A RAISED BASE, ACCESS OPENING SHALL BE PROVIDED.

TEMPORARY PATH:

![Temporary Path Diagram](image)

1. PATH SHALL NOT CONFLICT WITH TREES AND LOCATION TO BE APPROVED BY CITY ARBORIST.
2. PATH TO BE PLACED IN AN UNOBBSTRUCTED AREA WHERE THERE IS THE LEAST AMOUNT OF RUNNING SLOPE ALONG THE CURB AND SIDEWALK.
3. PATH TO BE COMPOSED OF DECOMPOSED GRANITE OR CONCRETE.
4. CONCRETE MAXIMUM DEPTH 4".
5. CONCRETE SHOULD NOT INCLUDE STRUCTURAL REBAR AND MUST WEIGH LESS THAN 200 POUNDS PER SQUARE FOOT.

EDGE MARKING:

![Edge Marking Diagram](image)

1. ALL EXTERIOR WALL EDGES SHALL CONTAIN HIGH INTENSITY RETROREFLECTIVE TAPE, REFLECTORS, OR MARKINGS.
2. RETROREFLECTIVE ELEMENTS MUST BE VISIBLE TO DRIVERS AT NIGHT.
3. ADDITIONAL RETROREFLECTIVE ELEMENTS ALONG WALLS RECOMMENDED.

WHEEL STOP:

![Wheel Stop Diagram](image)

1. WHEEL STOPS, IF REQUIRED, TO BE PLACED WITHIN PERMITTED PARKING STALL
2. WHEEL STOPS TO BE BLACK WITH YELLOW STRIPES.
3. INSTALLED A MINIMUM OF 3' FROM BUFFER WALL.
4. FOR 7' WIDE PARALLEL PARKING STALL, USE TWO WHEEL STOPS.
5. MAY USE BIKE RACKS IF SPACE PERMITS.
**KEY TERMS:**

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARKWAY</td>
<td>PEDESTRIAN WALKWAY. EXISTING PARKWAY IS PART OF SIDEWALK</td>
</tr>
<tr>
<td>PEDESTRIAN ZONE</td>
<td>ADA COMPLIANT PEDESTRIAN PATH OF TRAVEL</td>
</tr>
<tr>
<td>OUTDOOR DINING</td>
<td>USABLE AREA FOR THE APPLICANT</td>
</tr>
<tr>
<td>BUFFER AREA</td>
<td>SPACE OFFSET FROM PARKING STALL PERIMETER TO USABLE DINING AREA. BUFFER AREA CONTAINS STRUCTURAL BASES AND WALLS. BUFFER AREA TO BE A MINIMUM OF 1’ WIDE ALONG EXISTING PARKING STALL LIMIT</td>
</tr>
</tbody>
</table>
NOTES:
1. FOR GENERAL NOTES, RESPONSIBILITIES, DETAILS AND TERMS SEE PROJECT SPECIFICATIONS CIVIL.
2. OUTDOOR DINING AREA IN PARALLEL PARKING STALL TO CONTAIN A MINIMUM OF 2 STALLS.
3. ANY PART OF OUTDOOR DINING MAY NOT BE LOCATED WITHIN 20' OF UNSIGNALIZED CROSSWALK OR 30' OF SIGNALIZED INTERSECTION.
4. MAY PLACE BIKE RACKS IN BUFFER AREA BETWEEN STOP BAR AND WALL PER CITY BIKE RACK DESIGN AND PLACEMENT STANDARDS UPON APPROVAL BY PUBLIC WORKS.
5. ANY OBJECT IN THE PUBLIC AMENITY ZONE OR OUTDOOR DINING AREA MAY NOT OBSTRUCT SIGHT DISTANCE PER DESIGN AND PROCEDURES MANUAL SECTION 15.9 AND CITY CODE SECTION 12.28.

LEGEND:
- RESTAURANT SPONSOR
- PUBLIC AMENITY ZONE
- BUFFER WALL AREA. SEE STRUCTURAL LAYOUTS.
- BASE DINING AREA. SEE STRUCTURAL LAYOUTS.
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GENERAL STRUCTURAL NOTES:

APPLICABLE SPECIFICATIONS AND CODES
1. CBC 2019
2. NDS-2018
3. AISC-360
4. ASCE7-16
5. CITY OF SACRAMENTO PARKLET PROGRAM MANUAL (DATED 2014)

DESIGN CRITERIA
1. DEAD LOAD - ACTUAL TRIBUTARY STRUCTURAL WEIGHT
2. LIVE LOAD - 100 PSF ON DECK
   - 200 LBF IN ANY DIRECTION ON RAILING
3. WIND LOAD - NOT APPLICABLE
4. SEISMIC LOAD - NOT APPLICABLE

MATERIALS
1. CONCRETE
   a. POST-INSTALLED EXPANSION ANCHOR BOLTS SHALL BE HILTI KWIK BOLT TZ2 CS WEDGE ANCHOR, OR APPROVED EQUAL.

2. STEEL
   a. DESIGN STRENGTH
      PIPES: A53 GRADE B - FY = 35 KSI
      HSS (RECTANGULAR): A500 GRADE B - FY = 46 KSI
      ALL OTHER PLATES AND SHAPES: A36 - FY = 36 KSI
   b. ALL STEEL MEMBERS SHALL BE PAINTED OR GALVANIZED.

3. WOOD
   a. STRUCTURAL LUMBER SHALL BE WESTERN CEDAR #2 AND BETTER.
   b. PLYWOOD SHALL BE 5 PLY APA RATED SHEATHING MARKED "STRUCTURAL-1", EXTERIOR EXPOSURE, CD GRADE. SPAN RATING SHALL BE 40/20 FOR 3/4" THICK PLYWOOD.
   c. FASTENERS SHALL BE SIMPSON SD SCREW #9 OR APPROVED EQUAL FOR ALL CONNECTIONS UNLESS OTHERWISE NOTED.
   d. FOR PLYWOOD FASTENER SCHEDULE, SCREWS SPACED AT 6 INCHES ON CENTER AT EDGES AND 12 INCHES AT INTERMEDIATE SUPPORTS.

4. REFLECTIVE ELEMENTS ON WALLS
   a. SEE CIVIL DETAIL SHEET

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REV.  | DATE  | DESCRIPTION
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      |       |             
      |       |             
      |       |             
      |       |             

CITY OF SACRAMENTO
DEPARTMENT OF TRANSPORTATION

PROJECT SPECIFICATIONS
STRUCTURAL

DATE: MAY 2022
SCALE: NONE
STRUCTURAL LAYOUT 2
- STRUCTURAL BASE ELEVATED
- RAILINGS/PLANTER BOX WALL APPLICABLE
- CANOPY APPLICABLE PROVIDED ELEVATED DECK HEIGHT IS NO GREATER THAN 3 FT
(REFER TO CANOPY DETAILS IN STRUCTURAL LAYOUT 5 AND 6)

BASE PLAN

SECTION B-B:

4x4 WOOD POST ATTACHMENT TO CURB WITH 1/2" DIA. EXPANSION ANCHOR WITH 2" MIN. EMBEDMENT
CONTINUOUS 2x4 FLAT
CONTINUOUS 2x4
DOUBLE 2x4 AROUND DECK OPENING
DECK OPENING, MAX. SIZE 4x4
2x4 BLOCKING AS REQUIRED
2x4 @ 1'-4" MAX. O.C.
4x4 WOOD BEAM, TYP THREE SIDES AND ALONG CURB
DECK OPENING, MAX. SIZE 4'X4'
EXISTING SLOPE
EXISTING PARKING
SIMPSON CONNECTOR CCTQ-SD2.5
SIMPSON CONNECTOR ECCQLQ-SD2.5
2x4 BLOCKING AS REQUIRED
4x4 WOOD POST, TYP 3 SIDES
2x4 WOOD POST, TYP 3 SIDES
2X4 BRACING BETWEEN ADJACENT COLUMNS WHERE DECK HEIGHT H IS GREATER THAN 3', TYP
2X4 BRACING BETWEEN ADJACENT COLUMNS WHERE DECK HEIGHT H IS GREATER THAN 3', TYP
2X4 PLANK OPENING FOR STORAGE
2X PLANKS SCREWED TO POST @ 6" O.C., TYP
3/4" THICK PLYWOOD OR TONGUE AND GROOVE DECK
4x4 PERIMETER BEAM, TYP
4x4 WOOD POST TO CURB WITH 1/2" DIA. EXPANSION ANCHOR, WHERE APPLICABLE
MIN. EMBED. LENGTH 6'-0"
1/2" MAX.
EXISTING SLOPE
EXISTING PARKING
SIMPSON CONNECTOR CCTQ-SD2.5
SIMPSON CONNECTOR PC42
WEDGE BLOCK SCREWED TO POST FOR LEVELING, TYP
WEDGE BLOCK SCREWED TO POST FOR LEVELING, TYP
SIMPSON CONNECTOR ECCQLQ-SD2.5
SIMPSON CONNECTOR CCTQ-SD2.5
2X4 CONTINUOUS
2X4 CONTINUOUS
1/2" GAP
SIDEWALK
FLAT 2X4 CONTINUOUS
PLANTER AREA SLOPE
PLANTER AREA SLOPE
DECK HEIGHT (H)
DECK HEIGHT (H)

REV. DATE DESCRIPTION

CITY OF SACRAMENTO
DEPARTMENT OF TRANSPORTATION
STRUCTURAL LAYOUT 2
BASE ELEVATED
DATE: MAY 2022
SCALE: NONE
GENERAL NOTES:
1. THE DESIGN SHOWN HERE IS ONLY A CONCEPTUAL ELECTRICAL DESIGN AND IS NOT FOR ANY SITE SPECIFIC.

KEYNOTES:
1. EXISTING ELECTRICAL PANEL FIELD VERIFY LOCATION IN THE FIELD. INSTALL (2) 20A/1P CIRCUIT BREAKERS.
2. SWITCHES, SINGLE POLE TO OPERATE DEDICATED RECEPTACLE.
3. PROVIDE CONCRETE MOUNT WP STEEL PEDESTAL WITH TWO 20A RATED, GFCI, DUPLEX, OUTLETS, AND LOCATABLE HINGED TOP COVER. PROVIDE HARDWARE REQ'D FOR INSTALLATION ON CONCRETE SURFACE. PODOC #5 SP30-C-HT-1-B OR EQUAL. SEE DETAIL 2, LOCATION TO BE FIELD VERIFIED.
4. 3/4"C - 4#12 AND 1#12 GND
5. SEE TRENCH DETAIL.
6. PROVIDE WP J-BOX ON EXTERIOR OF WALL. CORE DRILL THE WALL AND SEAL THE PENETRATION AS REQ'D.

SYMBOLS LIST:
- EXISTING ELECTRICAL PANEL
- ELECTRIC METALLIC TUBE CONDUIT. INSTALL EXPOSED ON WALL/CEILING OR EMBEDDED IN CONCRETE.
- UNDERGROUND PVC SCH80 CONDUIT
- SINGLE POLE SWITCH
- PEDESTAL

ELECTRICAL SPECIFICATIONS:
1. APPLICABLE CODES AND THE STANDARDS – CALIFORNIA BUILDING CODE – 2019
   NATIONAL ELECTRICAL CODE – 2020
   CALIFORNIA ELECTRICAL CODE – 2019
   NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) – 2021
2. ALL INDOOR CONDUIT SHALL BE ELECTRIC METALLIC TUBE CONDUIT.
3. ALL UNDERGROUND CONDUIT SHALL BE PVC, SCHEDULE 80 TYPE.
4. MINIMUM CONDUIT SIZE SHALL BE 3/4".
5. MINIMUM WIRE SIZE SHALL BE #12 AWG.
6. ALL SWITCHES AND OUTLETS SHALL BE COMMERCIAL GRADE.
7. ALL MATERIAL USED SHALL BE UL LISTED.
MATCH EXISTING THICKNESS (5" MINIMUM)

FINISH GRADE

EXISTING CONCRETE

EXPANSION JOINT

SAWCUT FILL CONCRETE BETWEEN EXPANSION JOINTS OR CONTROL

SELECT BACKFILL

95% COMPACTION

CONDUIT(S)

SAND FILL

3" ALL AROUND (MINIMUM)

NOTE:
FOR ASPHALT PAVEMENT TRENCHING USE CITY OF SACRAMENTO DETAIL T-80.
1/4" X 2-1/4" ANCHOR BOLT TYP.

CONCRETE 2500 PSI

CONDUIT PER PLAN

FINISH GRADE

PEDESTAL

30"

12"

18"