TYPICAL ENCLOSURE FACILITY

ACCESSIBLE PEDESTRIAN GATE

SEE NOTE 14

GATES OPEN TO 110° MINIMUM

SEE NOTE 13

6" THICK (MIN.) 3000 PSI CONCRETE WITH #4 REBAR MID-HEIGHT @ 12" OC EACH WAY

SEE NOTE 20

4" THICK (MIN.) CLASS II AB NATIVE COMPACTED BASE

STRESS CONCRETE APRON DETAIL

SECTION A-A

NO PARKING

PLAN VIEW

ALL NOTES REFERENCED HEREIN ARE PROVIDED ON STANDARD DETAIL SWR-1.1

CITY OF NAPA UTILITIES DEPARTMENT

TITLE

TYPICAL ENCLOSURE FACILITY

DRAWN BY: DEH
APPROVAL DATE: 01/06/22
SCALE: NONE
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CHECKED BY: SL
APPROVED BY: KM
DRAWING NO. SWR-1
NOTES

1. CITY STD SWR-1A THROUGH SWR-1H ARE PROVIDED AS EXAMPLE LAYOUTS AND CAN BE MODIFIED TO SERVE INDIVIDUAL
   PROJECT NEEDS, HOWEVER, MINIMUM AND MAXIMUM DISTANCE REQUIREMENTS MUST BE MET AS NOTED.

2. SEE CITY STD. SWR-1A THROUGH SWR-1D FOR NON-FOOD FACILITY ENCLOSURE LAYOUTS.

3. SEE CITY STD. SWR-1E THROUGH SWR-1H FOR FOOD FACILITY ENCLOSURE LAYOUTS WITHOUT GREASE/OIL TANKS.

4. SEE CITY STD. SWR-1I THROUGH SWR-1L FOR FOOD FACILITY ENCLOSURE LAYOUTS WITH OIL/GREASE TANKS.

5. TRASH ENCLOSURES SHALL BE IN COMPLIANCE WITH STORM WATER QUALITY CONTROL ORDINANCE 8.36.00.

6. FOOD FACILITIES THAT GENERATE COOKING OIL AND GREASE FOR DISPOSAL MUST COLLECT OIL AND GREASE IN A SEPARATE
   CONTAINER DESIGNED SPECIFICALLY FOR THE COLLECTION OF THESE TWO ITEMS.

7. DISPOSAL OF OIL AND GREASE IN A MUNICIPAL SOLID WASTE COLLECTION CONTAINER IS NOT ALLOWED.

8. FOR FOOD FACILITY ENCLOSURES A ROOF SHALL BE PLACED ON THE TRASH ENCLOSURE. THE ROOF SHALL EXTEND PAST OPEN
   SIDES WITHOUT A GATE BY A DISTANCE EQUAL TO ½ THE HEIGHT OF THE OPENING (I.E. IF THE BOTTOM OF THE ROOF IS 2- FEET
   ABOVE THE TOP OF THE STRUCTURE WALL IT IS REQUIRED TO EXTEND 1- FEET PAST THE OUTSIDE EDGE OF THE WALL). TO ALLOW
   GARBAGE TRUCKS TO ACCESS THE BINS, THE ROOF SHALL EXTEND 6- INCHES PAST THE OUTSIDE EDGE OF THE GATE (ON THE
   GATE SIDE OF THE STRUCTURE ONLY).

9. THE AREA DIRECTLY IN FRONT OF THE ENCLOSURE GATES SHALL HAVE “NO PARKING” PAINTED ON THE GROUND. THE LETTERS
   SHALL BE A MINIMUM OF 18- INCHES IN HEIGHT.

10. SEE CITY STD. SWR-2 FOR ENCLOSURE SIGNAGE REQUIREMENTS.

11. GATES TO BE SOLID METAL WITH OUTSIDE HANDLES ON EACH DOOR AND A SLIDE LATCH TO SECURE THE DOORS.

12. BOLTS, NOT SCREWS, SHALL BE USED TO SECURE GATE TO POLES OR WALLS.

13. PROVIDE MEANS TO SECURE GATE DOORS BOTH OPENED AND CLOSED, E.G., CANE BOLT WITH SLEEVE AND SLIDE LATCH
    BETWEEN DOORS AND SLEEVE IN PAVEMENT. THE BOLTS SHOULD BE A MINIMUM OF 1- INCH OR DOUBLE THE SIZE OF THE BOLT TO
    ALLOW FLEXIBILITY. BOLT DROP SHALL BE A MINIMUM OF 4- INCHES INTO THE GROUND. IF GATES WILL NEED TO CLEAR CURBS TO
    OPEN FULLY THE GATES SHALL BE A MINIMUM OF 8- INCHES ABOVE FINISHED GRADE.

14. GATES SHALL REMAIN CLOSED UNLESS IN USE AND MUST OPEN TO AT LEAST 110 DEGREES AND BE ABLE TO BE SECURED OPEN.

15. STRESS CONCRETE APRON SHALL MATCH THE WIDTH OF THE ENCLOSURE OPENING AS SHOWN. THE APRON STRUCTURAL
    SECTION SHALL BE AS SHOWN OR EVIDENCE THAT CONSTRUCTION SPECIFICATIONS ARE ENGINEERED TO WITHSTAND A
    MINIMUM 20,000 LBS. OF DIRECT DOWNWARD FORCE FROM A SINGLE TRUCK AXLE SHALL BE PROVIDED. APRON SURFACE
    SHALL BE THE SAME ELEVATION AS THE ENCLOSURE PAD THRESHOLD AND THE SURROUNDING SURFACES. APRON SHALL EXTEND
    MINIMUM 8- FT FOR ENCLOSURES WITHOUT ROOFS AND 10- FT FOR ENCLOSURES WITH ROOFS.

16. FOR FOOD FACILITIES A GRADE BREAK LINE SHALL BE CONSTRUCTED ON THE INSIDE EDGE OF THE WALL WITH THE SLAB SLOPING
    INWARDS ON THE INSIDE OF THE STRUCTURE AND AWAY FROM THE STRUCTURE ON THE OUTSIDE.

17. FOR NON FOOD FACILITY ENCLOSURES THE GRADE OF ENCLOSURE PADS SHALL BE FLAT SUCH THAT NO STORMWATER SHALL
    ESCAPE THE ENCLOSURE IF COMINGLED WITH MUNICIPAL SOLID WASTE.

18. WOOD OR RUBBER BUMPERS ALONG THE BACK WALL IS REQUIRED TO PREVENT DAMAGE TO THE ENCLOSURE DURING
    SERVICING OF BINS OR COMPACTORS.

19. IF LARGE-SIZED STATIONARY BINS ARE USED THE BIN MUST BE DIRECTLY ACCESSIBLE BY COLLECTION TRUCKS. SEE CITY STD. SWR-3
    FOR TRUCK ACCESS REQUIREMENTS.

20. GATES SHALL BE FREE STANDING WITH NO CENTER POLE. A CENTER POLE MAY BE INCLUDED AT THE DISCRETION OF THE SOLID
    WASTE & RECYCLING DIVISION. REQUIRED CLEARANCES SHALL BE PROVIDED FOR DIRECT ACCESS TO BINS.

21. BOLLARDS OR OTHER PERMANENT OR SEMI-PERMANENT STRUCTURES SHALL NOT BE USED WITHIN THE ENCLOSURE. THESE
    STRUCTURES REDUCE THE USABLE INTERIOR CONTAINER SPACE AND ACCESSIBILITY.

22. ALL ENCLOSURES SHALL MEET REQUIREMENTS AS OUTLINED IN THE SOLID WASTE, RECYCLABLE MATERIALS, AND COMPOSTABLES
    ENCLOSURE STANDARDS. THE LAYOUTS SHOWN IN STD SWR-1A THROUGH SWR-1M ARE PROVIDED FOR GUIDANCE AND MAY
    NEED MODIFICATION BASED ON UNIQUE PROJECT SITE CHARACTERISTICS. ALL PROPOSED ENCLOSURES SHALL BE PROVIDED TO
    THE SOLID WASTE & RECYCLING DIVISION FOR REVIEW AND COMMENT.