TYPICAL JOINTS
ALL CASES (SEE S-444 FOR JOINT DETAILS)
CROSSWALKS NOT SHOWN

CASE H
CROSSWALKS NOT SHOWN
(SEE NOTE 12)

CASE G
CROSSWALKS NOT SHOWN
(SEE NOTE 12)

ISOMETRIC
GROOVES NOT SHOWN

NOT TO SCALE
CLEAR SPACE AND BOTTOM COUNTER SLOPE

CASES B & H
(CASE B SHOWN)

SECTION A1
WHEN DRAINAGE IS NOT A CONCERN
AS DETERMINED BY THE ENGINEER

SECTION A2
WHEN DRAINAGE IS A CONCERN
AS DETERMINED BY THE ENGINEER

Section A3

CLEAR SPACE AND BOTTOM COUNTER SLOPE

CASES A, C, D, E, F AND G
(CASE A SHOWN)

NOT TO SCALE
NOTE: FOR DETAILS 1, 2, 3 & 4 HEREON
SEE TYPICAL JOINTS DETAIL ON SHEET 2

NOTE: FOR "H" EXCEEDING 9 INCHES, DESIGN CURB AS AN ISOLATED REINFORCED
CONCRETE RETAINING CURB.

PLAN

ELEVATION

DETAIL 5

DETAIL 6
RAISED TRUNCATED DOME
PATTERN (IN-LINE)

NOTE:
WHERE INSTALLED IN A RADIAL PATTERN, TRUNCATED DOMES SHALL HAVE A CENTER TO CENTER SPACING OF 2.3 INCHES MINIMUM TO 2.4 INCHES MAX AND A BASE TO BASE SPACING OF 0.65 INCHES MINIMUM

TYPICAL SECTION T-T

DETECTABLE WARNING SURFACE (DWS) SEE NOTE 6

DWS EDGE DISTANCE

GROOVED BORDER DETAIL

STANDARD PLAN NO. S-442-5
VAULT INDEX NUMBER B-4761
NOTES

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPW) ADOPTED BY THE BOARD OF PUBLIC WORKS AS AMENDED BY THE LATEST CORRESPONDING CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS BROWN BOOK.


2. ALL NOTED SLOPES SHALL INCLUDE ALL ALLOWABLE CONSTRUCTION TOLERANCES.

3. PROVIDE A 12 INCH WIDE BORDER IN THE PLANE OF THE SIDEWALK AT RAMPS AS SHOWN WITH 1/4 INCH GROOVES APPROXIMATELY 3/4 INCH ON CENTER. SEE GROOVED BORDER DETAIL ON SHEET 6. THE SURFACE OF THE BORDER SHALL HAVE A FINE, HAIR BROOMED FINISH.

4. THE BOTTOM OF THE RAMP SHALL HAVE A 0 INCH CURB HEIGHT WITHIN "W" AREA.

5. UNLESS OTHERWISE DOCUMENTED AND APPROVED PER NOTE 18, SIDEWALK AND CURB RAMP SHALL BE CONSTRUCTED WITH CLASS 520—C—2500 PCC AND THE THICKNESS, "T", SHALL BE A MINIMUM OF 4 INCHES.


7. ALL RAMPED SURFACES SHALL HAVE A WOOD OR RESIN FLOAT FINISH WITH A SWIRL–SURFACE TEXTURE.

8. STANDARD DIMENSIONS AND DEFINITIONS:

   BCR = BEGINNING OF CURB RETURN.
   CH = STREET CURB HEIGHT.
   ECR = END OF CURB RETURN.
   FS = FINISHED SURFACE.
   H = HEIGHT OF RETAINING CURB.
   K = CLEAR SPACE AND GUTTER COMBINATION FOR CASE B RAMP.
   L = SEPARATE GUTTER AND CLEAR SPACE FOR CASE B RAMP.
   PL = PROPERTY LINE.
   Q = THE WIDTH OF THE PEDESTRIAN ACCESS ROUTE WIDTH Q IS 5 FT MINIMUM FOR SECTION B, C (SHEET 5) AND WHEN A WALL, BUILDING, FENCE, OR ANY OTHER IMPROVEMENT THAT INHIBITS TURNING MOVEMENT OF WHEELCHAIR IS ON ADJACENT PROPERTY LINE AND 4 FT MINIMUM FOR SECTION A (SHEET 5).
   R = RADIUS OF CURB TRANSITION.
   SW = SIDEWALK.
   T = THICKNESS OF CONCRETE PAVEMENT, 4 INCHES MINIMUM UNLESS OTHERWISE DOCUMENTED AND APPROVED PER NOTE 18.
   W = 4 FT MINIMUM WIDTH OF CURB RAMP MEASURED PERPENDICULAR TO THE DIRECTION OF RAMP TRAVEL.
   WGrade = 2% MAXIMUM UNLESS OTHERWISE DOCUMENTED AND APPROVED PER NOTE 18. THE HORIZONTAL ARC OR LINEAR LENGTH OF CURB TRANSITION MEASURED X = ALONG THE STREET FLOWLINE. THE GRADE OF THE FLARE ALONG THE CURBLINE SHALL BE BETWEEN 8.5% AND 10%. ANY DEVIATION FROM THIS TRANSITION GRADE SHALL BE DOCUMENTED AND APPROVED PER NOTE 18.
   Y DISTANCE = MINIMUM LENGTH IS 3.5 FEET IF SECTION A OR B (SHEET 5) IS USED.
   Y Grade = GREATER THAN 5% TO 8.33% MAXIMUM UNLESS OTHERWISE DOCUMENTED AND APPROVED PER NOTE 18.
NOTES CONT'

9. CULVERT SHALL HAVE A MAXIMUM OF 5% GRADE FROM FLOWLINE WITHIN "W" AREA WITH "X" AREA (IF PROVIDED) TO BE USED FOR TRANSITION TO CITY STANDARD CURB AND CURTIER SLOPES.

10. THE RETAINING CURB FOR SECTIONS B AND C (SHEET 5) MAY BE OMITTED IF THE AREA IN BACK OF THE DEPRESSED SIDEWALK IS REGRADED (MAX 1V:3H) TO JOIN THE SIDEWALK.

11. REQUIRED DESIGN INFORMATION FOR EACH CURB RAMP: CASE, DETAIL, SECTION, AND PROFILE (IF APPLICABLE), X DIMENSION (IF APPLICABLE), Y DIMENSION, Y GRADE, DESIGN STREET CURB HEIGHT, AND DESIGN FLOW LINE ELEVATION AT CENTER OF CURB RAMP. FOR CASE E, THE REQUIRED FLOWLINE ELEVATION IS AT CENTER OF CLEAR SPACE.

12. CASE H MAY BE USED ONLY WHEN EXISTING FIELD CONDITIONS OR CONSTRAINTS DO NOT ALLOW CASE G CURB RAMP CONSTRUCTION AS DOCUMENTED AND APPROVED PER NOTE 18. CASE G AND E MAY BE USED FOR NARROW BORDER OF SIX (6) TO NINE (9) FEET IN WIDTH.

13. PULL BOXES, METER BOXES, MAINTENANCE HOLE COVERS, VAULT LIDS, POWER POLES, ETC. SHALL NOT BE CONSTRUCTED WITHIN ANY PART OF CURB RAMPS, INCLUDING FLARED TRANSITIONS AND THE TURNING CLEAR SPACE AT THE TOP OF THE CURB RAMP.

14. CURB RAMPS SHOULD NOT BE CONSTRUCTED IN PUBLIC RIGHT OF WAYS HAVING STREET BORDERS OF LESS THAN FIVE (5) FEET UNLESS AN UNREASONABLE HARDSHIP EXISTS AS VERIFIED AND AS DOCUMENTED AND APPROVED PER NOTE 18.

15. A NON-WALKABLE SURFACE OR BARRIER SHALL BE PROVIDED WHERE EXISTING CATCH BASINS, MAINTENANCE HOLE COVERS, OR ANY OTHER FIXED STRUCTURES DO NOT PERMIT CONSTRUCTING A FLARED CURB TRANSITION FOR A CURB RAMP. THE NON-WALKABLE SURFACE OR BARRIER SHALL BE CONSTRUCTED TO PREVENT PEDESTRIAN TRAVEL ACROSS A RADIAL CURB TRANSITION FOR A CURB RAMP. ALL NON-WALKABLE SURFACES OR BARRIERS INCLUDING BUT NOT LIMITED TO: COBBLES EMBEDDED IN CONCRETE, AN AREA ENCLOSED BY A 6 INCH HIGH MINIMUM CURB HEIGHT, LANDSCAPING, OR ANY OTHER NON-WALKABLE SURFACES OR BARRIERS, SHALL BE DOCUMENTED AND APPROVED PER NOTE 18.

16. FOR DISCRETIONARY PROJECTS REQUIRING PUBLIC WORKS IMPROVEMENTS FROM THE DEPARTMENT OF CITY PLANNING OR COUNCIL OFFICE, PERMITTEE SHALL PROVIDE ADEQUATE DEDICATION OR EASEMENT TO PROVIDE CURB RAMPS USING SECTION A (SHEET 5), SECTIONS B OR C (SHEET 5) OR USE OF EXCEPTIONS ALLOWED ON SPECIAL ORDERS ARE NOT PERMITTED.

FOR CAPITAL IMPROVEMENT PROJECTS; ADEQUATE RIGHT-OF-WAY SHALL BE ACQUIRED TO PROVIDE CURB RAMPS USING SECTION A ON SHEET 5 UNLESS ACQUISITION OF SUCH RIGHT OF WAY IS NOT POSSIBLE OR FINANCIALLY INFEASIBLE.

17. TEMPORARY CONSTRUCTION EASEMENT OR RIGHT OF ENTRY SHALL BE OBTAINED IF NECESSARY FROM AFFECTED PROPERTY OWNERS PRIOR TO PLACING BACK OF SIDEWALK OR RETAINING CURB/WALL ALONG PROPERTY LINES.

18. APPROVALS AND DOCUMENTATIONS IDENTIFIED IN NOTES 1, 5, 8, 12, 14 & 15 SHALL BE GRANTED BY THE CITY ENGINEER.

19. TURNING SPACE SLOPES AT PEDESTRIAN STREET CROSSINGS WITH NO YIELD OR STOP CONTROLS (WHERE VEHICLES CAN PROCEED THROUGH THE CROSSING WITHOUT SLOWING OR STopping): WHEN PARALLEL TO THE PREVAILING STREET GRADE, THE RUNNING SLOPE OF A TURNING SPACE (SLOPE IN THE DIRECTION OF CURB RAMP TRAVEL) OR THE CROSS SLOPE OF A TURNING SPACE (SLOPE PERPENDICULAR TO THE DIRECTION OF CURB RAMP TRAVEL) AS APPLICABLE, MAY BE EQUAL TO THE PREVAILING STREET GRADE.