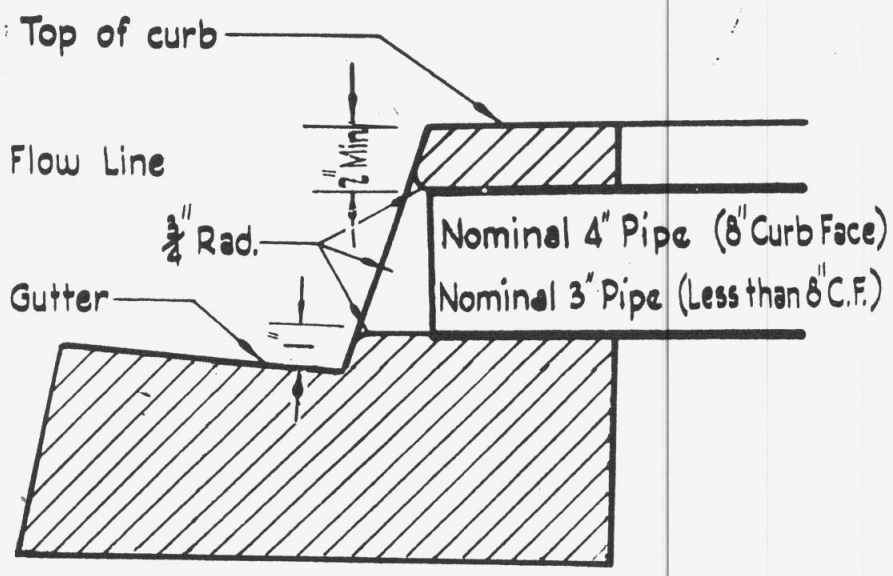
PERMIT PLANS & SPECIFICATIONS

RD 165
Rev. 11-61

LOS ANGELES COUNTY ROAD DEPARTMENT

CURB DRAIN STANDARD



CROSS SECTION

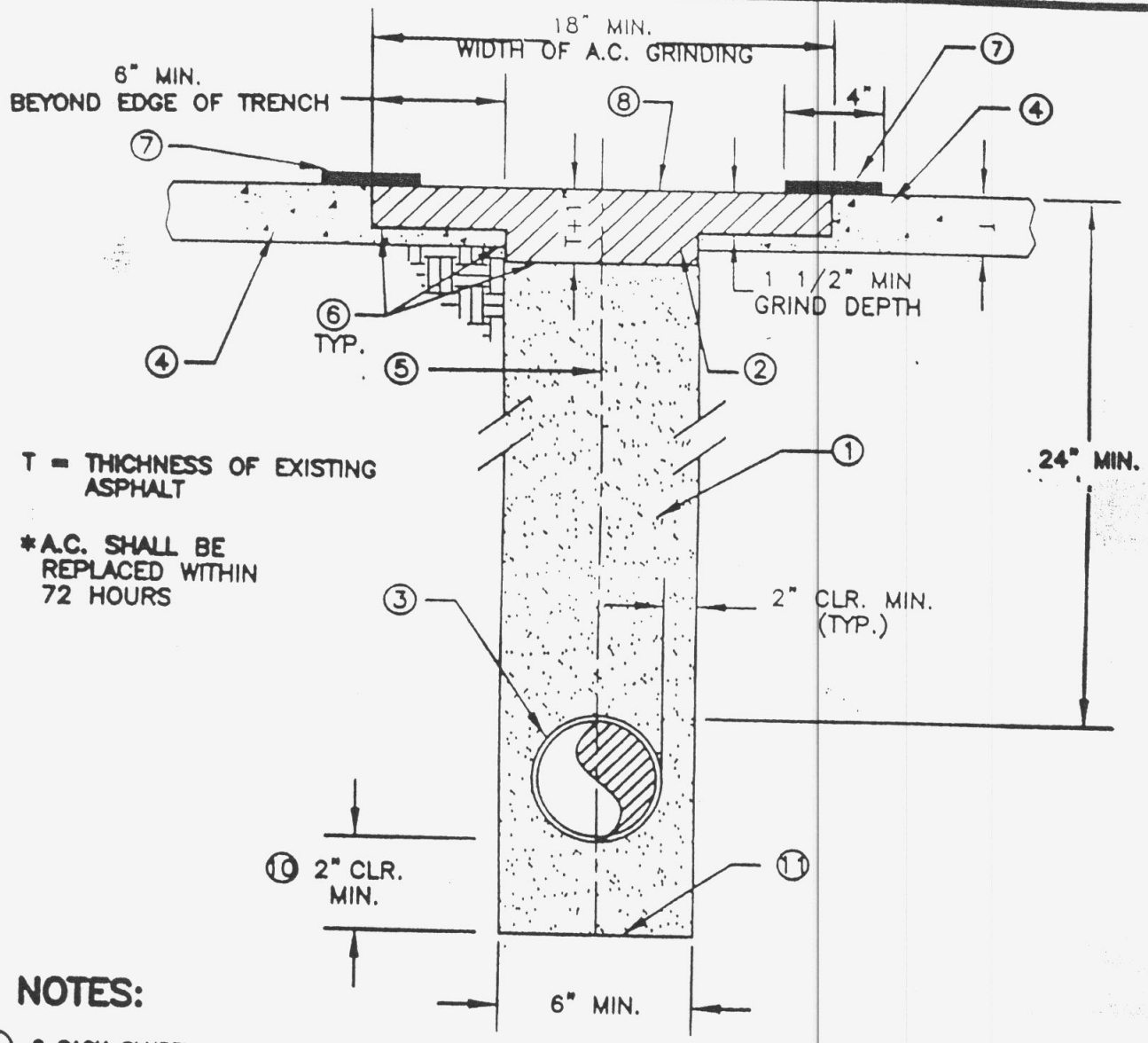
NOTE 1: A minimum separation of ten (10') feet is required between adjacent drains on the same property.

NOTE 2: If a greater volume of water flow is desired, either
a) Substitute oval transite pipe for the round pipe; the vertical height of the oval pipe shall not exceed four (4) inches; or,
b) Construct a Modified Number 12 Box Culvert.

NOTE 3: If a pipe drain is installed through a curb with less than a nominal eight (8) inch face, the flow line of the pipe shall be at the same elevation as the flow line of the gutter. Such pipe shall not exceed three (3) inch nominal diameter.

NOTE 4: County Class "B" (5½ Sack/yd., 3/4" maximum aggregate), concrete shall be used for repouring the curb.

NOTE 5: For inspection Call: (310) 541-6500



T = THICHNESS OF EXISTING ASPHALT

*A.C. SHALL BE REPLACED WITHIN 72 HOURS

NOTES:

1. 2 SACK SLURRY BACKFILL OR A.P.W.A CLASS 100-E-100 CONCRETE MIX. ALLOW MIN. 24 HRS. BEFORE PLACING A.C.
2. A.P.W.A. CLASS D2-AR-4000 A.C. (1/2" MIX).*
3. LOCATION OF CONDUITS AND CABLES MULTIPLE CONDUITS SHALL BE BUNDLED AND TIED.
4. EXISTING A.C. PAVEMENT.
5. SYMMETRICAL ABOUT CENTERLINE OF TRENCH
6. TACKCOAT, GRADE SS-1h EMULSIFIED ASPHALT AT 0.15 GALLONS PER SQUARE YARD.
7. SPRAY GRADE SS-1h EMULSIFIED ASPHALT AT 0.15 GALLONS PER SQUARE YARD, 4" WIDE, CENTERED ON A.C. SEAM LINE.
8. SURFACE TREATMENT TO MATCH EXISTING PAVEMENT (E.G. SLURRY, ETC.).
9. WHEN THE EDGE OF THE GRIND LINE IS WITHIN 12" OF EDGE OF PAVEMENT, CURB OR GUTTER, ANY STRUCTURE, OR AN ADJACENT TRENCH PATCH, GRINDING SHALL BE EXTENDED TO SAID LINE.
10. CONDUITS SHALL BE SUPPORTED AT 4' ON CENTER TO ALLOW FOR FULL ENCASEMENT OF CONDUITS WITH SLURRY. (SAND PLACED ON BOTTOM OF TRENCH COMPACTED TO 95% R.C. MAY BE SUBSTITUTED)
11. BOTTOM OF TRENCH SHALL BE COMPACTED TO 95% R.C.

REVISIONS	CITY OF RANCHO PALOS VERDES	APPROVED BY:
1	NARROW UTILITY TRENCH SLURRY BACKFILL & ASPHALT RESURFACING	7/30/97
2		DIRECTOR OF PUBLIC WORKS — DATE
3		

RESIDENTIAL AND APARTMENT DRIVEWAY STANDARDS

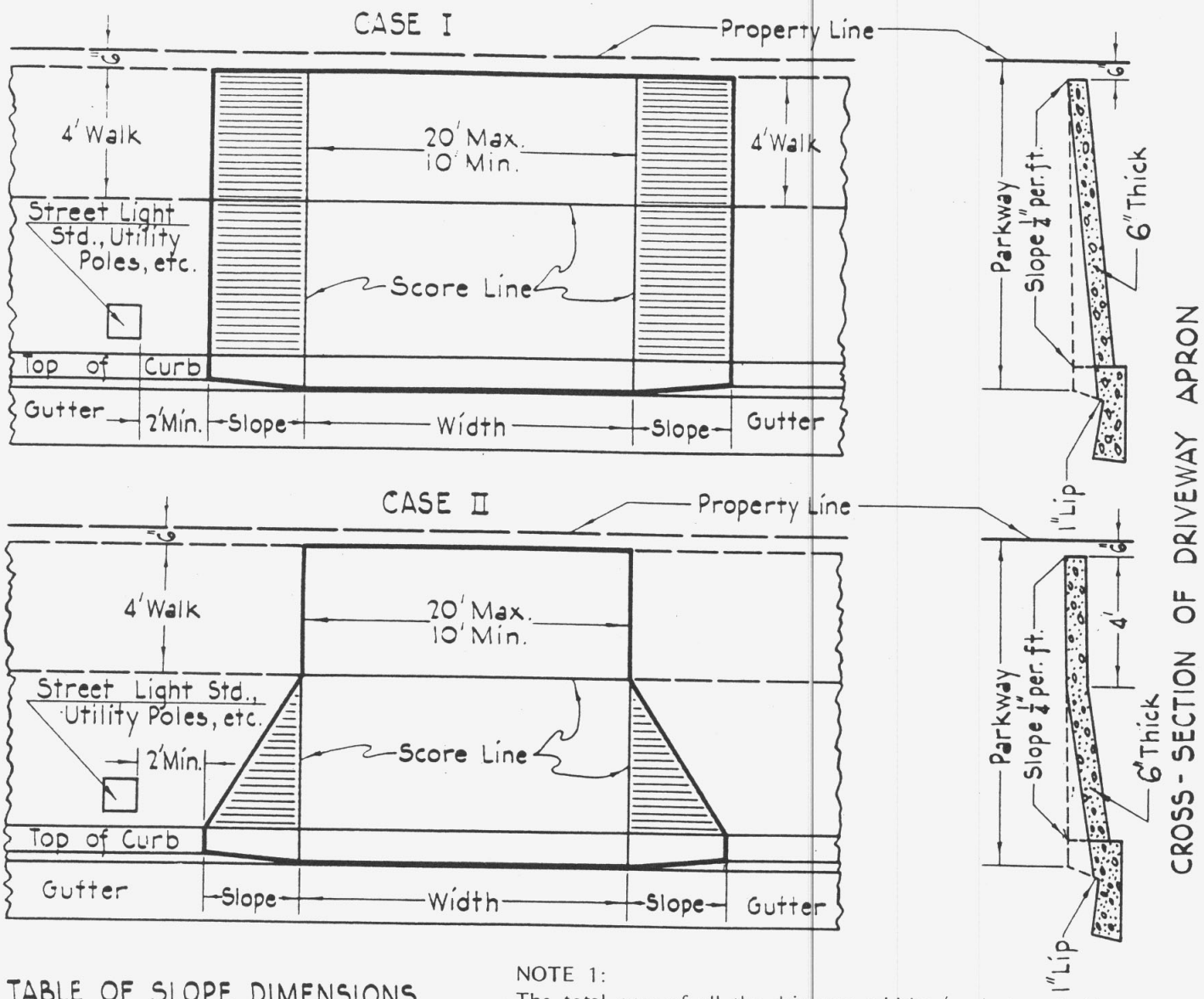
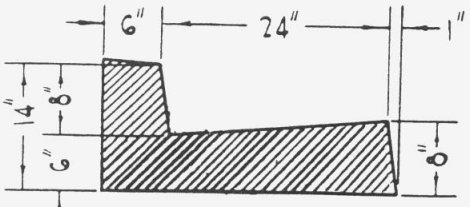


TABLE OF SLOPE DIMENSIONS

CURB FACE HEIGHT	CASE I	CASE II
6" or less	3'	2'
7" to 8"	4'	3'
9" to 12"	4'	4'



STANDARD CURB SECTION

Curb face Batter 4" in 12"
For driveway construction remove shaded portion of curb section.

NOTE 1:

The total sum of all the driveway widths (exclusive of side slopes) is limited to 40% of the property frontage. The minimum distance between the top of side slopes on adjacent driveways on the same lot or parcel is twenty-two (22) feet and on adjoining lots or parcels is one (1) foot.

NOTE 2:

Driveways may be constructed as in Case I for any parkway. Case I is required on streets where the parkway is less than ten (10) feet. Case II can be used only if the parkway is ten (10) feet or greater.

NOTE 3:

If the parkway is over twelve (12) feet, the driveway shall be constructed as if the parkway were twelve (12) feet wide.

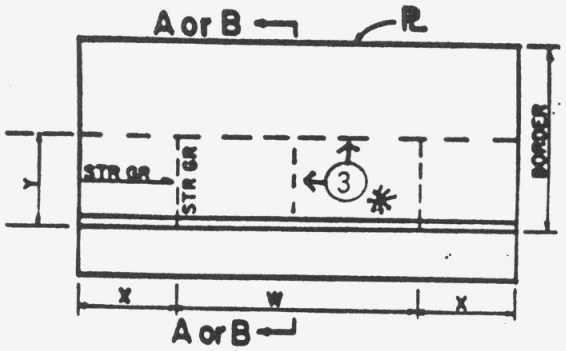
NOTE 4:

Driveways shall be constructed of Portland Cement Concrete only if concrete curb is existing, and shall be constructed in accordance with Section 303-5 of the Standard Specifications for Public Works Construction.

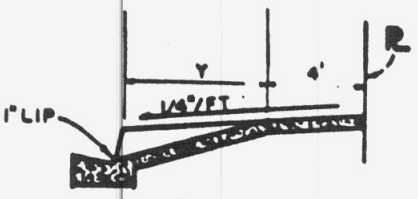
NOTE 5:

If a tree well is removed by this construction or is within ten (10) feet of the driveway it shall be replaced in accordance with Standard Plan 32-02 & 32-03.

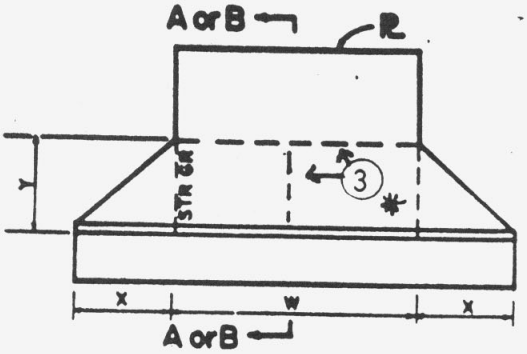
CALL TELEPHONE NO. ON FACE OF PERMIT FOR INFORMATION



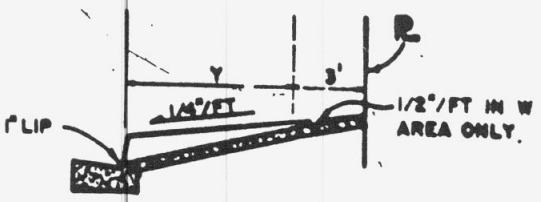
TYPE A



SECTION A-A

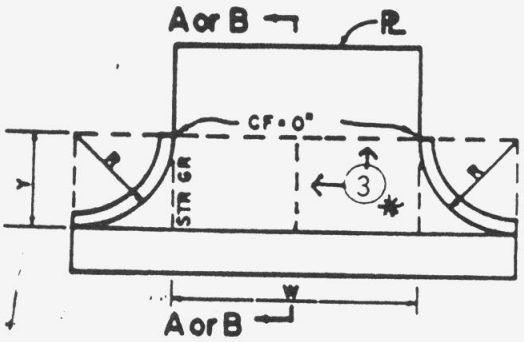


TYPE B



*SECTION B-B

* SECTION B-B SHALL BE USED ONLY WHEN IT IS NOT POSSIBLE TO USE SECTION A-A.



TYPE C

1. Concrete shall be Greenbook 560-C-3250 or 520-C-2500 Mix
2. Place half inch expansion material at P/L or at back of approach
3. All joints shall be tooled at time of concrete placement (no sawcut joints allowed) All joints shall be one inch min. depth.
4. Curb & Gutter shall be replaced in its entirety when required. No sawcutting for removal along flow-line.
5. DRIVEWAYS SHALL BE 6 INCHES THICK

TABLE OF X & Y DIMENSIONS

CURB FACE	6" OR LESS	7"	8"	9"	10"	11"	12" OR MORE
X	3'-0	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"
Y MIN (A-A)	4'-0"	4'-9"	5'-8"	6'-6"	7'-3"	8'-0"	8'-9"
Y MIN (B-B)	3'-0"	4'-1"	5'-0"	5'-10"	6'-5"	7'-2"	8'-1"

NOTES:

Existing concrete shall be removed up to existing joints or score lines. Where concrete joins existing concrete, cracked or damaged existing concrete shall be removed. Approach shall be finished with a light broom texture.
*Joints shall be placed in new concrete at six Ft. Max. spacing

AMERICAN PUBLIC WORKS ASSOCIATION – SOUTHERN CALIFORNIA CHAPTER

PROMULGATED BY THE APWA-AGC JOINT COOPERATIVE COMMITTEE 1984

DRIVEWAY APPROACHES

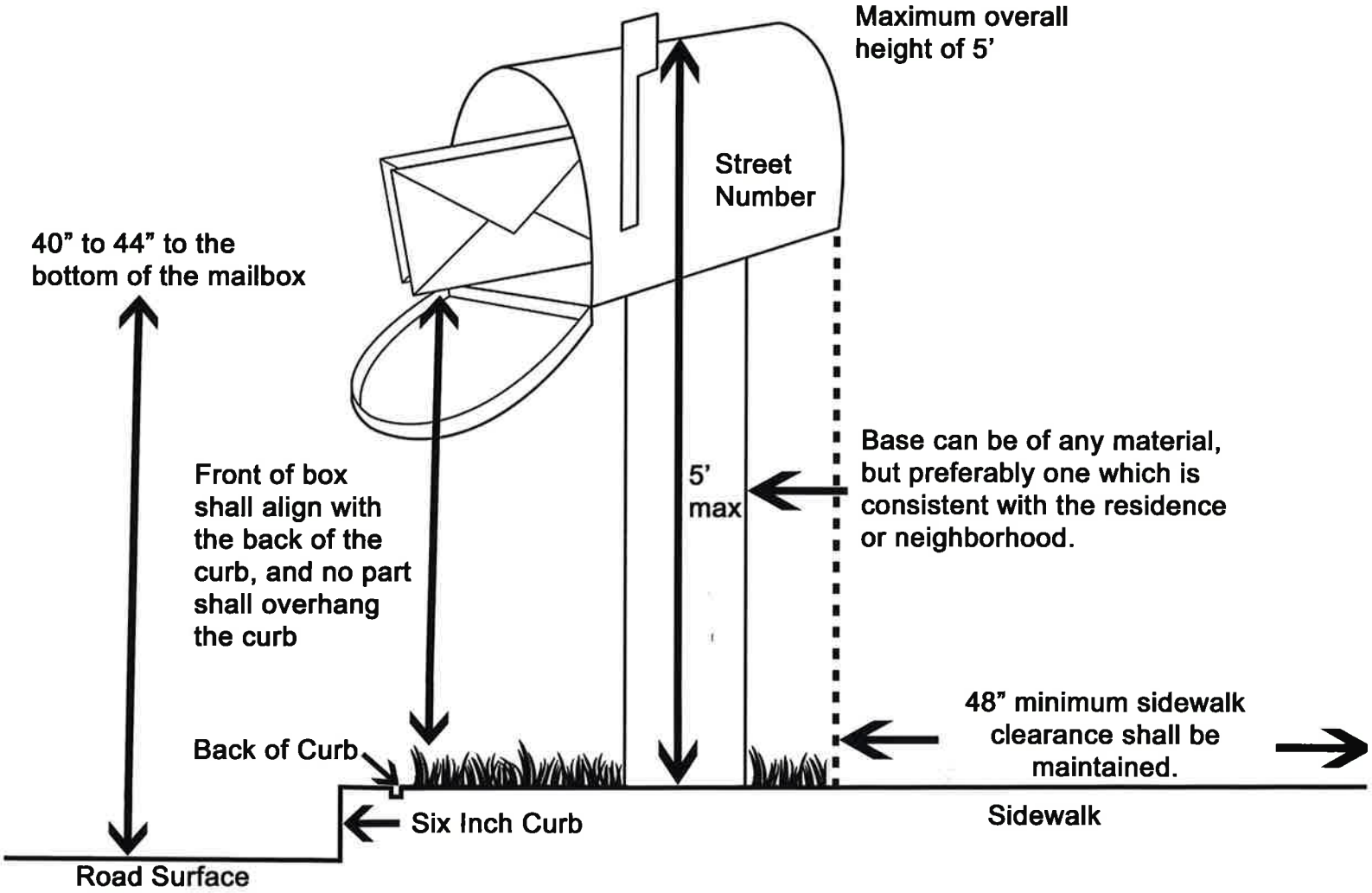
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN 110-0

SHEET 1 OF 1

CITY OF RANCHO PALOS VERDES

MAILBOX STANDARD



Notes:

1) The maximum overall height to the top of the box shall not exceed five (5) feet.

2) The maximum footprint for support structures shall be 24" by 24".

3) Larger structures or the addition of lighting will require Permits (Encroachment and/or Electrical) from the Public Works and/or Community Development (Planning and Building & Safety) Departments.

4) Landowners may wish to consult with the Public Works Department in situations where no curbs exist.

Community Development Department: (310) 544-5228 or planning@rpvca.gov
Public Works Department: (310) 544-5252 or publicworks@rpvca.gov