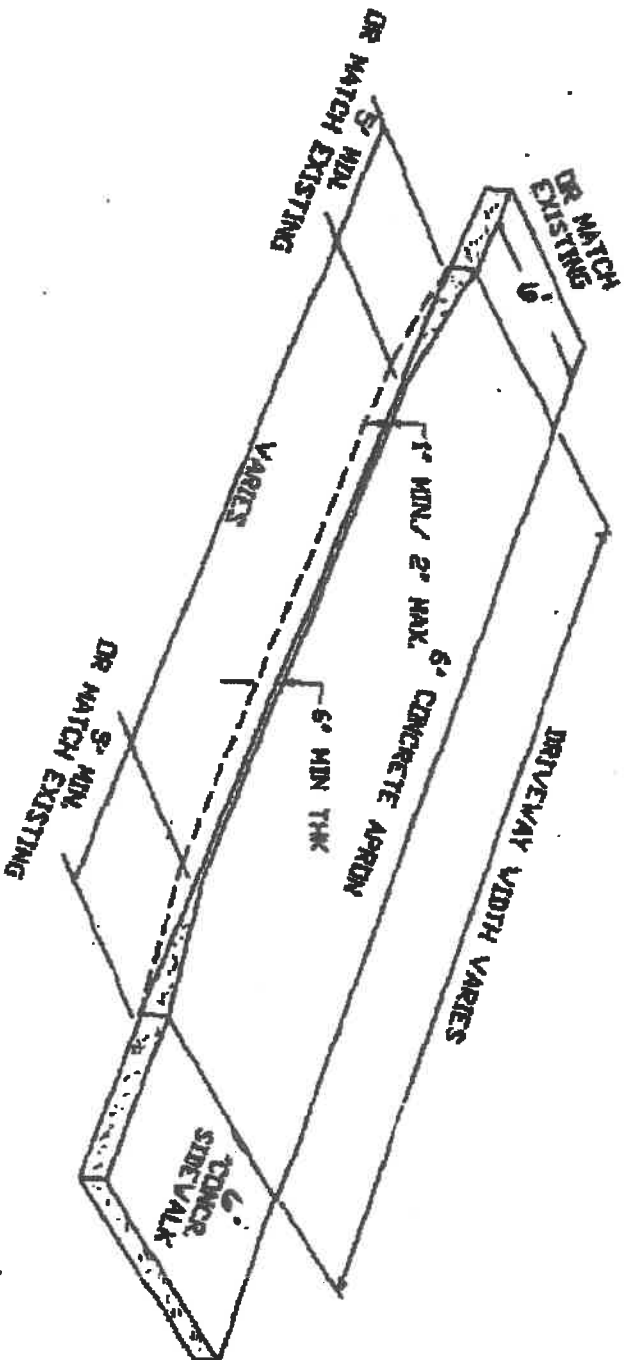


BEFORE YOU CUT

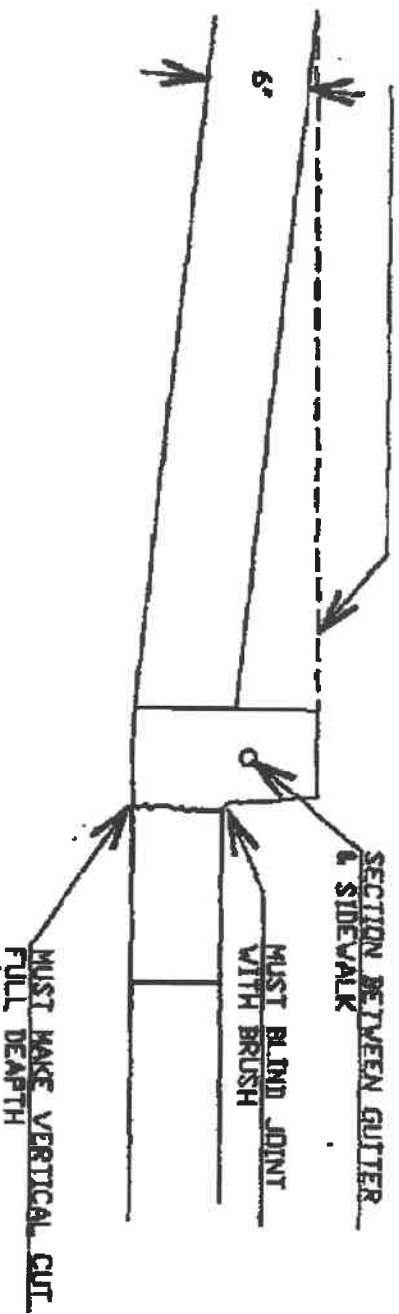
CALL SUTHERLIN PUBLIC WORKS 541-459-3542



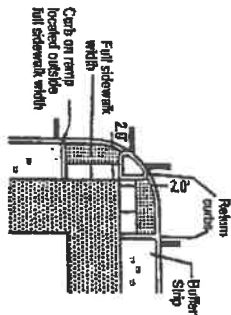
STANDARD DRIVEWAY

BEFORE YOU POUR

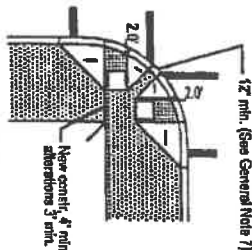
CALL SUTHERLIN PUBLIC WORKS AT 541-459-3542



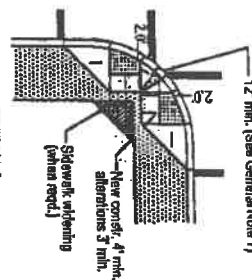
SECTION AT CURRB CUT



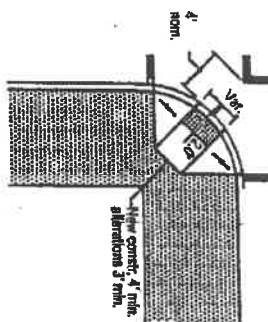
OPTION A
RAMPS WITH BUFFER STRIP



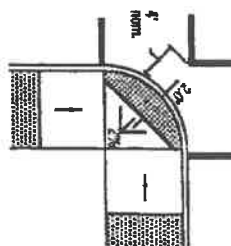
OPTION B



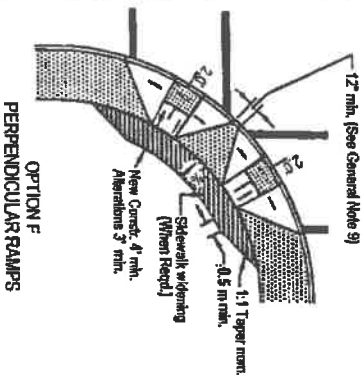
OPTION C



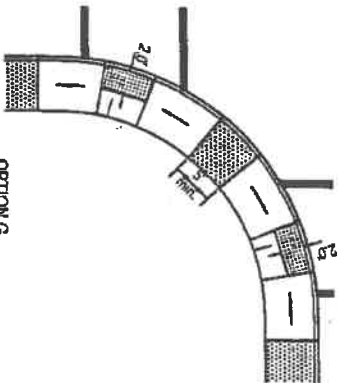
OPTION D
SINGLE DIAGONAL RAMP
Use in alterations only and when site conditions prohibit installing two ramps



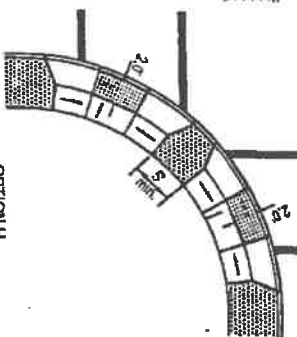
OPTION E
SINGLE PARALLEL RAMP
Use in alterations only and when site conditions prohibit installing two ramps



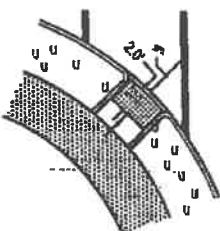
OPTION F
PERPENDICULAR RAMPS



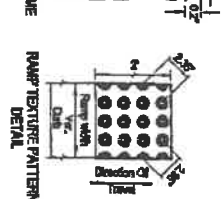
OPTION G
PARALLEL RAMPS



OPTION H
COMBINATION RAMPS



OPTION I
RAMP WITH BUFFER STRIP



Marked or hatched crossing location

General Notes

1. Paved truncated dome detectable warning texture in the lower 2' of throat of ramp only. Arrange domes using in-line pattern only as shown in detail right. Color of texture to be safety yellow. For construction of sidewalk ramps outside of public right-of-way, check with State Building Codes for requirements regarding texturing of domes.
2. Sidewalk curb ramp slopes shown are relative to the true level horizon (zero bubble).
3. In alterations curb ramp slope(s) may be 10% for a max. rise of 6' or 12.5% for a max. rise of 3/4". Curb ramps, in alterations, need not exceed 6" in height.
4. Side tires, if used in Option A and 1, that are not part of the path of travel may be of any slope.
5. Do not slope landing more than 2% in any direction.

6. Ramps for paths intersecting a roadway should be full width of path. When a ramp is used to provide bicycle access from a roadway to a sidewalk, the ramp should be 8' wide, with no landing.
7. Sidewalk ramp details are based on CRS 447.3.10 and proposed ADAAG Section 14, June 20, 1994.
8. When 2 curb ramps are immediately adjacent, as in Options A, B, C, and F, the curb exposure (e) between the adjacent side lanes may range between 3' and full design exposure.
9. For the purpose of this drawing, a curb ramp is considered "perpendicular" if the angle between the longitudinal axis of the ramp and a line tangent to the curb at the ramp center is 75° or greater.

See RD755 for additional requirements and details not shown.

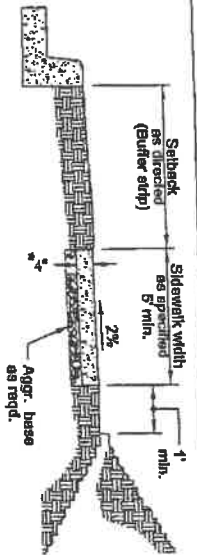
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

SIDEWALK RAMP PLACEMENT



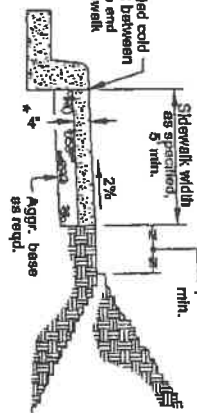
2009

DATE	DESCRIPTION
2009	2009 TRUNCATED DOME AND RAMP TEXTURE PATTERNS

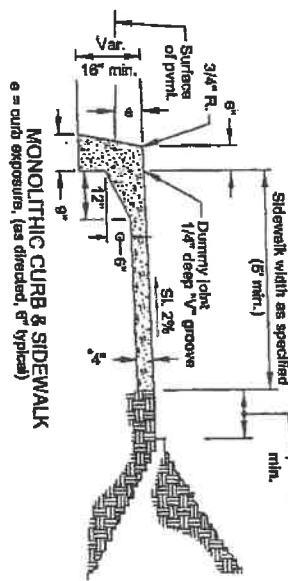


TYPICAL SETBACK SIDEWALK CROSS SECTION

* As specified in plans. Minimum 4".
If sidewalk is a portion of a driveway or mountain curb its used minimum thickness 5".

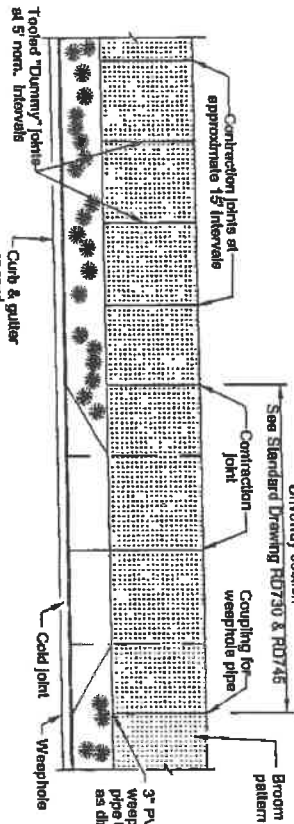


TYPICAL CURB SIDEWALK CROSS SECTION

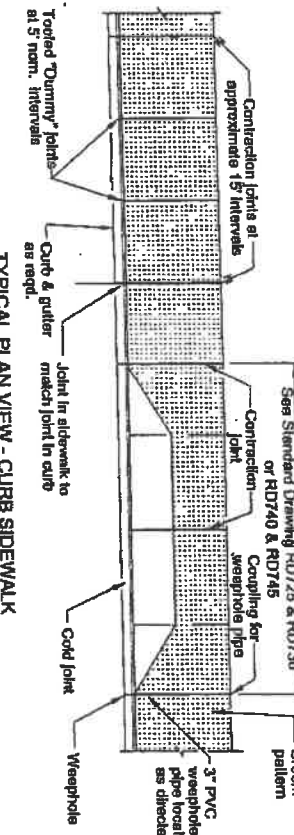


MONOLITHIC CURB & SIDEWALK

e = curb exposure, (as directed, 6" typical)



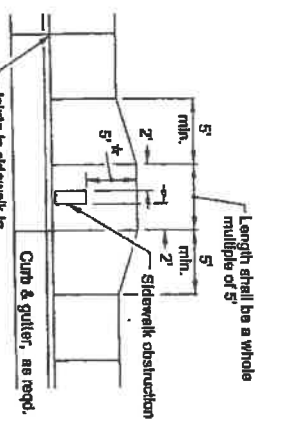
TYPICAL PLAN VIEW - SETBACK SIDEWALK



TYPICAL PLAN VIEW - CURB SIDEWALK

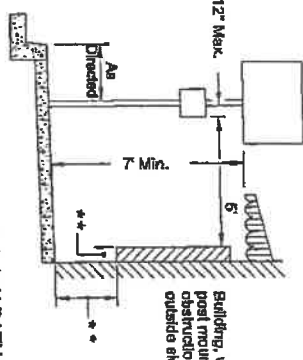
General notes:

1. Include additional paved or unpaved 2' clearance to vertical faces higher than 5' such as parking walls, sound walls, fences and buildings.
2. On sidewalks 6' and wider, provide a longitudinal joint at the midpoint.
3. Install 3" pvc weephole pipes in sidewalks in locations as directed by engineer. Place contraction joint over top of pipe.



REQUIRED SIDEWALK WIDENING AROUND OBSTRUCTIONS

* When site constraints prohibit a 5' passage, the Engineer may direct this to be reduced, but no less than 3'.



CLEAR CIRCULATION PATH

** Objects with base below 2' 4" may protrude any distance as long as the 5' circulation path is maintained. When an object with a base higher than 2' 4" protrudes further than 4" provide a curb below protrusion to delineate edge.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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Sidewalks

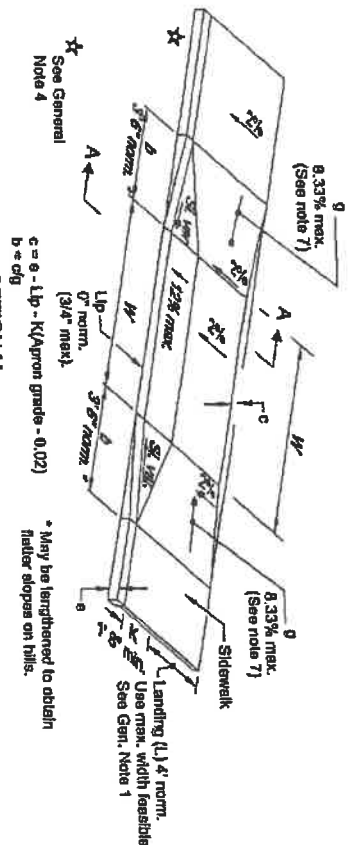
2008

DATE: _____

DESIGNER: _____

CHECKER: _____

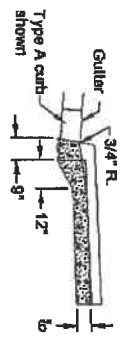
APPROVER: _____



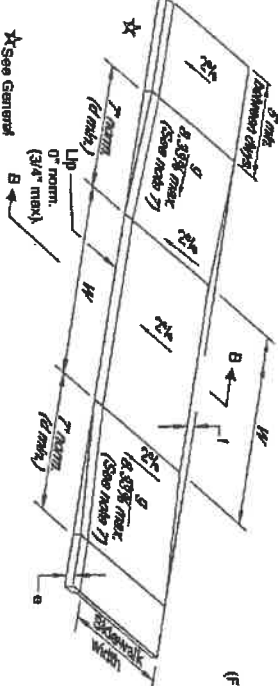
OPTION M
PARTIALLY LOWERED SIDEWALK

* See General Note 4
c = e - Lip - (Apron grade - 0.02)
b = e/f
* May be lengthened to obtain flatter slopes on hills.

FOR DRIVEWAYS WITH MONOLITHIC CURB & SIDEWALK
(For details not shown, see Dig. No. RD700 & Section A-A or B-B, as appropriate.)

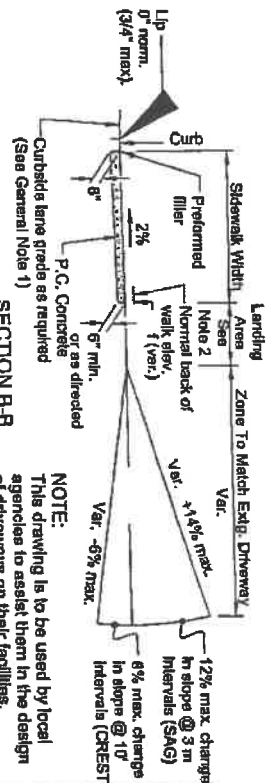


OPTION N
FULLY LOWERED SIDEWALK



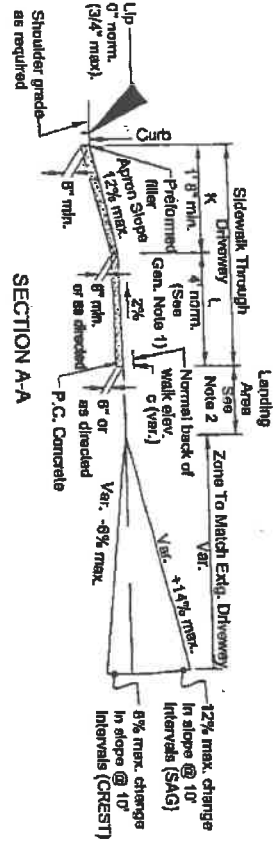
* See General Note 4
f = e - Lip
d = f/g

* May be lengthened to obtain flatter slopes on hills.



SECTION B-B

NOTE:
This drawing is to be used by local agencies to assist them in the design of driveways on their facilities.



SECTION A-A

GENERAL NOTES:

1. 4' normal width with slope of 2% is required through driveways, 3' 6\"/>
2. Width of driveway (W) and length of landing area shall be as shown on plans or as directed.
3. Where existing driveway is in good condition and meets slope requirements, construct only as much as required for satisfactory connection with new work.
4. Check the gutter flow depth at driveway locations to assure that the design flood does not overflow the back of sidewalk at driveway. If overflowing occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
5. Equations may be calculated using either feet or inches. Use same unit throughout equation.
6. Tabled joints are required at all driveway slope break lines.
7. Longitudinal slopes shown are relative to the running slope of the sidewalk.
8. Any dimensions except those of General Note 1 may be amended by local agencies for their use.
9. At least 10' of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.

The selection and use of this Standard Drawing, when designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

Curbside
CURB LINE SIDEWALK DRIVEWAYS OR ALLEYS LOCAL JURISDICTIONS
2008