

**402.13 Curbs**

Concrete curbs shall be installed by the developer in accordance with the specifications of the City. Asphalt curbs are prohibited. The developer shall have back fill on both sides of the street to the top of the curb.

**402.14 Sidewalks and Pedestrian Ways**

All major subdivisions are required to include the construction of sidewalks as part of improvements. Sidewalks shall be constructed to the following standards:

- (a) Sidewalks for pedestrian ways shall be portland cement concrete, four (4) inches thick and five (5) feet wide.
- (b) Sidewalks shall be required along one (1) side of all streets within the Agriculture (AG), Low-Density Single-Family Residential (R-1-L), and the Low-Density Single-Family and Two-Family Residential (R-2) zones. Sidewalks shall be required along both sides of all streets within the High Density Single-Family (R-1-H), and the Multi-Family Residential (R-3) zones. Sidewalks shall be built on a gradient corresponding to that of the street and not exceeding a maximum cross slope of two (2%) percent. Sidewalks installed along one (1) side of the street shall have a minimum width of five (5) feet. Sidewalks installed along both sides of the street shall have a minimum width of four (4) feet. (Amended 3/8/04)
- (c) There shall be a minimum of a two (2) foot wide planting area (Green/Utility Strip) between the back of the curb and the edge of the sidewalk. (Amended 3/8/04)
- (d) Public water lines shall be located on the same side of the street as the sidewalk, but in no case will any utilities be located under a sidewalk other than to cross it for service purposes. Gas and sewer lines, if available, shall be located on the opposite side of the street.
- (e) Sidewalk improvements shall be considered as part of the required bonded improvement for subdivisions within Collegedale, Tennessee. The builder at the time of construction shall construct that portion of the sidewalk in front of the completed structure. Within one (1) year of development at the time of the surface coat construction on the street, the developer shall complete all remaining portions of sidewalk construction.
- (f) Where sidewalks, or curbs or gutters are required, handicap ramps shall be installed at all crosswalks so as to make the transition from street to sidewalk easily negotiable for physically handicapped persons in wheelchairs and for others who may have difficulty in making the step up or down from curb level to street level. (Added 3/8/04)
- (g) Sidewalks shall be constructed to meet all applicable ADA codes and requirements including proper widths, turn-arounds, and access ramps. (Added 3/8/04)

**402.15 Street Lighting** (added 11/12/07)

All major subdivisions are required to include the installation of street lighting as a part of the improvements. Street lighting shall meet the following standards:

- (a) The street lighting needs will be addressed in the design of the subdivision's electrical power plan. A copy of the street lighting plan will be provided to the City.

☉ ROAD

ROW

13' PAVEMENT  
HALF WIDTH

7' TO  
BACK OF  
SIDEWALK

VARIES

TRANSITION  
LENGTH IN  
SEGMENTS \*

1.5"

2' GREEN STRIP

5' SIDEWALK

TRANSITION  
LENGTH IN  
SEGMENTS \*

30% MAX.  
DRIVE SLOPE

2%

9% MAX. CHANGE  
FROM ADJ. SEGMENT

6' DRIVE  
APRON

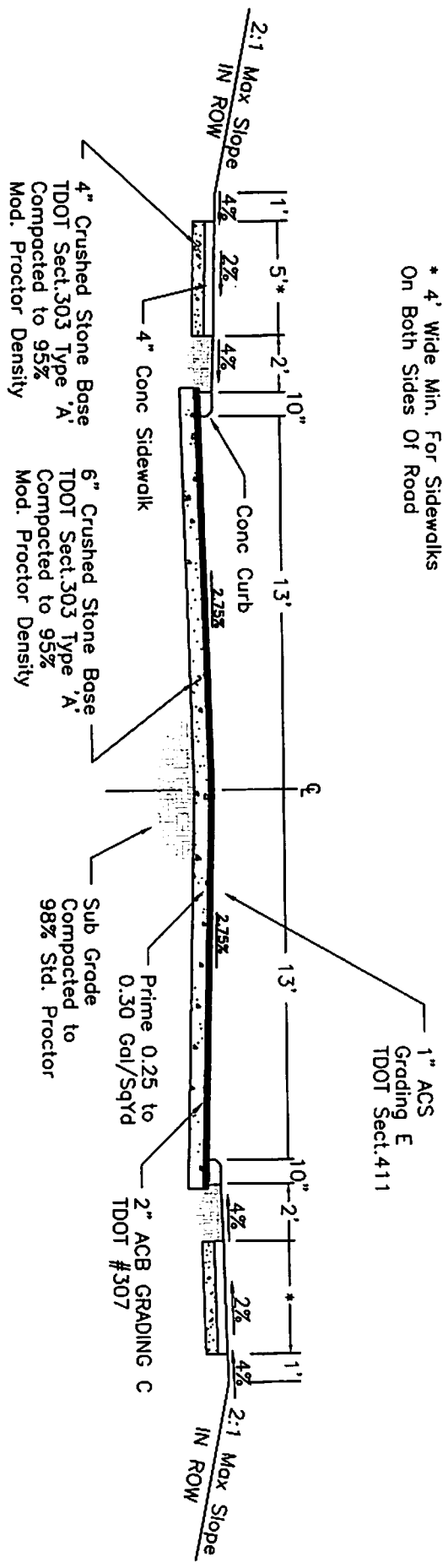
* DRIVE SLOPE	TRANSITION LENGTH	TRANSITION SEGMENTS
0 - 9%	0'	0
10% - 19%	12'	1 @ 12'
20% - 24%	18'	2 @ 9'
25% - 30%	24'	3 @ 8'

SLOPE	DEGREE	RISE : RUN
2%	1.1	1:50
5%	2.9	1:20
10%	5.7	1:10
15%	8.5	1:6.7
20%	11.8	1:5
25%	14.0	1:4
30%	16.5	1:3.3

## CITY OF COLLEGEDALE DRIVEWAY TRANSITIONS

FEBRUARY 10, 2004

\* 4' Wide Min. For Sidewalks  
On Both Sides Of Road

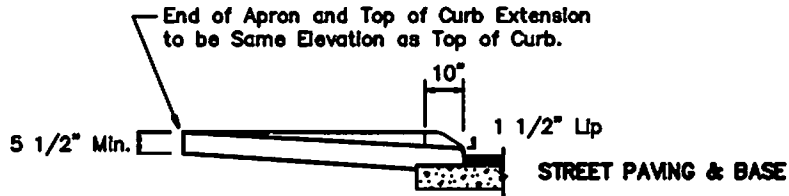


TYPICAL SECTION

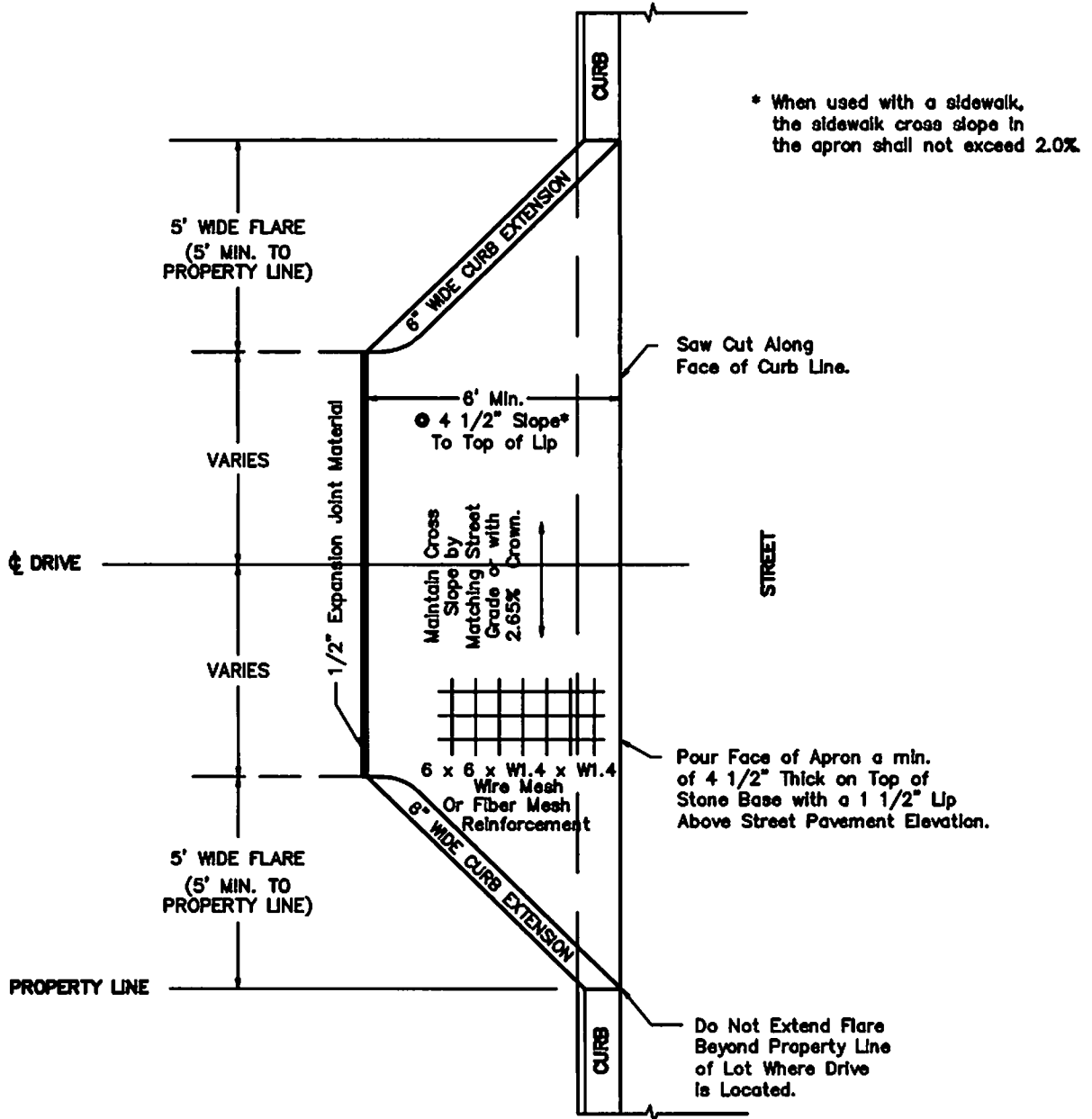
Not to Scale

CITY OF COLLEGEDALE  
CITY STREET TYPICAL SECTION

Concrete Shall be  
3,500 psi with  
Broom Finish.



**DRIVE APRON SECTION**



**DRIVE APRON**  
(SYMMETRICAL ABOUT CENTERLINE)

**CITY OF COLLEGEDALE**  
**RESIDENTIAL DRIVE APRON**