APRON WIDTH
10' MIN, 20' MAX

EXPANSION
JOINT MATERIAL

VARIES

PROPERTY LINE

CONCRETE
SIDEWALK
MC-110.01

VARIES

CONTRACTION
JOINT - 1/3 DEPTH
(SEAL WITH BIT.
MATERIAL)

CONCRETE
SIDEWALK
MC-110.01

2%
MAX

8.33%
MAX

8.33%
MAX

5' MIN

STANDARD CURB MC-100.01

#5 REBAR,
(SEE NOTE 3)

BUFFER

12"

FLOW LINE

12"

NOSE DOWN CURB IN 1'0"

SEE NOTE 4

*FLARE

*FLARE

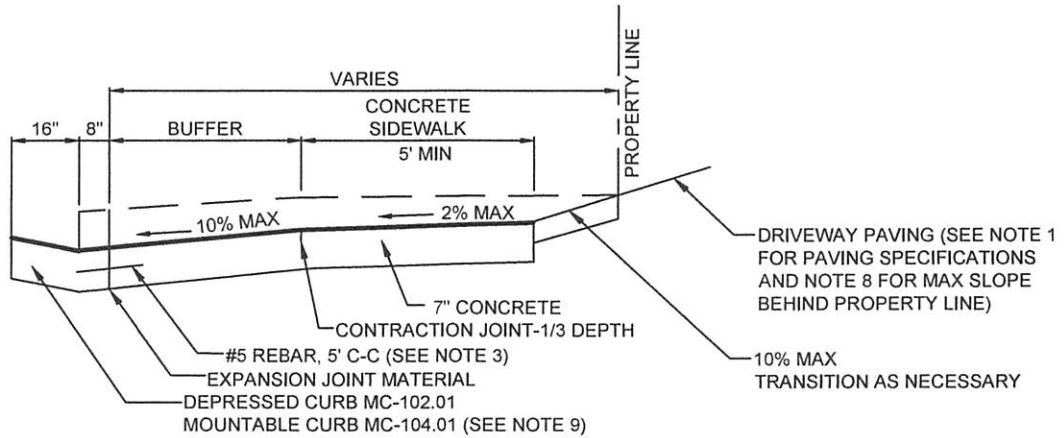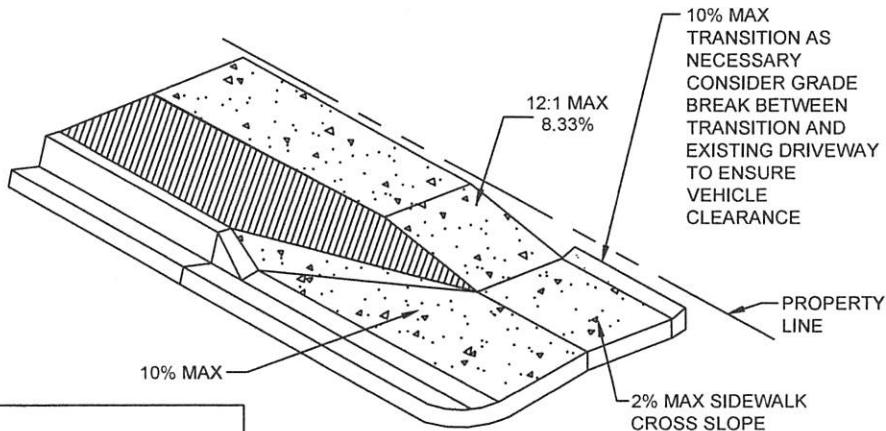DEPRESSED CURB MC-102.01
MOUNTABLE CURB MC-104.01 (SEE NOTE 9)

*TO DETERMINE FLARE WIDTH
• FOR BUFFER STRIP LESS THAN 5 FEET,
  THE FLARE WIDTH SHALL BE 3 FEET
• FOR BUFFER STRIP 5 FEET OR GREATER,
  THE FLARE WIDTH SHALL BE 5 FEET

VARIES

CONCRETE
SIDEWALK

16" 8"   BUFFER

5' MIN

PROPERTY LINE

10% MAX

2% MAX

DRIVEWAY PAVING (SEE NOTE 1
FOR PAVING SPECIFICATIONS
AND NOTE 8 FOR MAX SLOPE
BEHIND PROPERTY LINE)

7" CONCRETE

CONTRACTION JOINT-1/3 DEPTH

#5 REBAR, 5' C-C (SEE NOTE 3)

EXPANSION JOINT MATERIAL

DEPRESSED CURB MC-102.01
MOUNTABLE CURB MC-104.01 (SEE NOTE 9)

10% MAX
TRANSITION AS NECESSARY

SECTION A-A
N.T.S.

10% MAX
TRANSITION AS
NECESSARY
CONSIDER GRADE
BREAK BETWEEN
TRANSITION AND
EXISTING DRIVEWAY
TO ENSURE
VEHICLE
CLEARANCE

12:1 MAX
8.33%

PROPERTY
LINE

10% MAX

2% MAX SIDEWALK
CROSS SLOPE

ABBREVIATIONS

BIT. = BITUMINOUS
C-C = CENTER TO CENTER
SEC. = SECTION
MC = MONTGOMERY COUNTY
MSHA = MARYLAND STATE HIGHWAY ADMINISTRATION

8/2016

10/1993

REVISIONS

APPROVED: 8-6-20

DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL

SINGLE FAMILY/TOWNHOUSE
DRIVEWAY APRON WITH BUFFER

DETAIL

SF-1.1

DEFINITIONS

1. SINGLE FAMILY/TOWNHOUSE DRIVEWAY APRON (SF-1.1 AND SF-2.1) SHALL BE USED FOR ALL PROPERTIES WHERE THE PRINCIPAL USE OF THE LOT IS A SINGLE DWELLING UNIT, EITHER DETACHED, SEMI-DETACHED, OR A TOWNHOUSE AS DEFINED IN THE ZONING ORDINANCE.
2. COMMERCIAL/MIXED-USE DRIVEWAY APRON (CM-1.1 AND CM-2.1) SHALL BE USED FOR ALL PROPERTIES WHERE THE PRINCIPAL USE OF THE LOT IS ANY USE OTHER THAN A SINGLE DWELLING UNIT, EITHER DETACHED, SEMI-DETACHED, OR A TOWNHOUSE AS DEFINED IN THE ZONING ORDINANCE.

NOTES

1. PER CITY CODE SEC. 25.16.06d - PAVING SPECIFICATIONS, ALL OFF STREET PARKING AND LOADING AREAS MUST BE SO DRAINED AS TO PREVENT DAMAGE TO ABUTTING PROPERTIES OR PUBLIC STREETS AND MUST BE PAVED WITH A MINIMUM OF:
   - A PERVIOUS PAVING MATERIAL AS APPROVED BY THE DIRECTOR OF THE DEPARTMENT OF PUBLIC WORKS;
   - SIX (6) INCHES OF CONCRETE;
   - SIX (6) INCHES OF BITUMINOUS ASPHALT;
   - SIX (6) INCHES OF COMPACTED GRAVEL AND TWO (2) INCHES OF BITUMINOUS ASPHALT;
   - OTHER PAVING AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
2. ALL CONCRETE TO BE MSHA MIX NO 3, AIR ENTRAINED. REFER TO MSHA STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, LATEST EDITION.
3. JOINT AT BACK OF CURB IS OPTIONAL. WHERE USED, APRON IS TO BE TIED TO GUTTER WITH MINIMUM 18" LENGTH #5 REBAR AT 5' C-C.
4. CURB AND GUTTER REMOVAL CAN NOT RESULT IN A REMAINDER LENGTH (JOINT TO JOINT) OF LESS THAN FIVE FEET. IN THIS CASE, REMOVE TO THE NEXT JOINT AND REPLACE IN KIND.
5. PERMITTEE IS RESPONSIBLE FOR GRADING, SODDING DISTURBED AREAS AND MISCELLANEOUS RELATED WORK.
6. SUBGRADE TO BE COMPACTED TO 95% AASHTO T-99.
7. LOCATION AND TYPE OF APRON ARE SUBJECT TO APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
8. MAXIMUM SLOPE FOR DRIVEWAY BEYOND PROPERTY LINE IS 14%.
9. MOUNTABLE CURB (MC-104.01) MAY BE PROPOSED TO REDUCE A SIDEWALK ELEVATION TRANSITION WHEN THE DRIVEWAY APRON SLOPE IS MAXIMIZED.

	8/2016
	10/1993
	REVISIONS

APPROVED: 8-6-20

DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL

SINGLE FAMILY/TOWNHOUSE DRIVEWAY APRON WITH BUFFER

DETAIL

SF-1.2