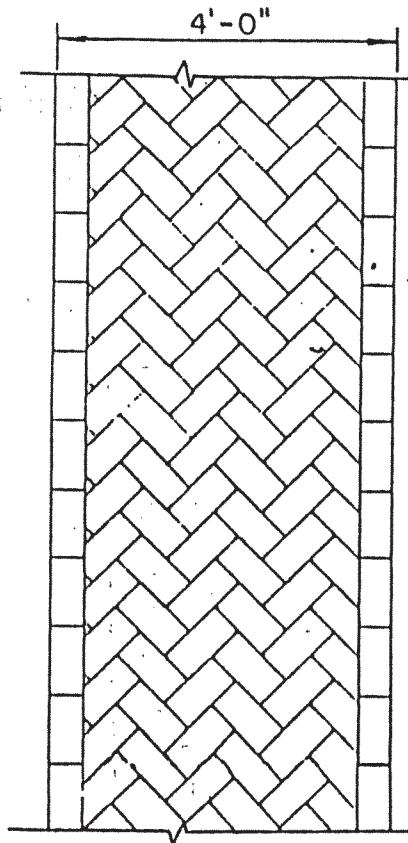
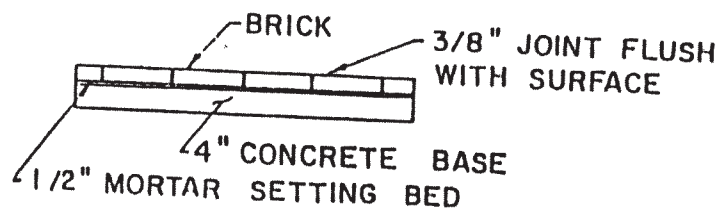
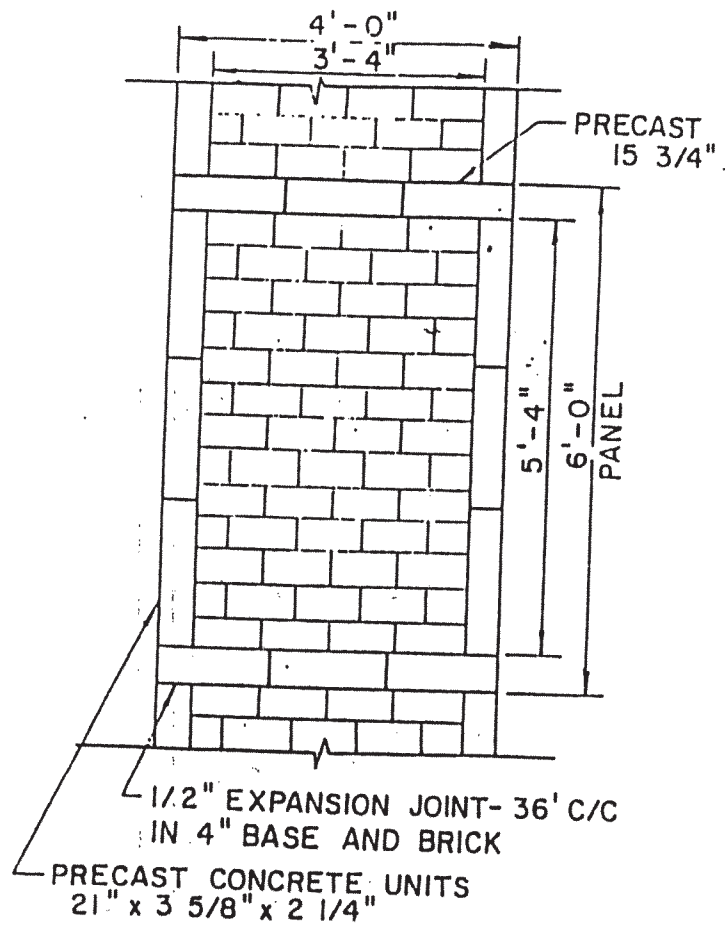


SECTION

REVISION
DETAIL
23



SECTION



ROCKVILLE

APPROVED BY :

Joseph Cutro - Chief Engineer/Transportation

DATE

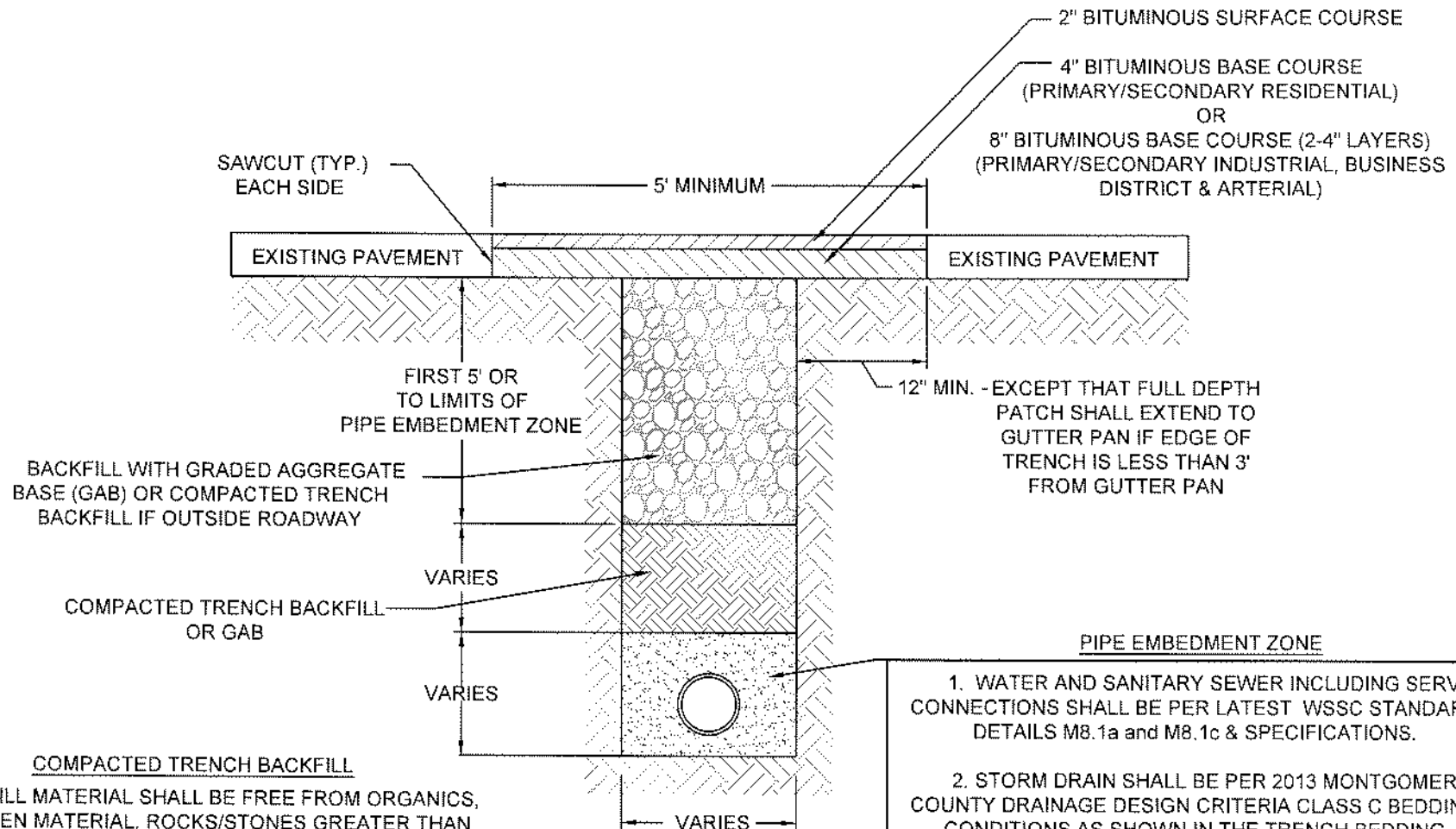
11/21/23

Brick Sidewalk - Town Center

REVISION

DETAIL

24



COMPACTED TRENCH BACKFILL

1. BACKFILL MATERIAL SHALL BE FREE FROM ORGANICS, FROZEN MATERIAL, ROCKS/STONES GREATER THAN 1.5-INCHES IN ANY DIMENSION, WASTE METAL PRODUCTS, UNSIGHTLY DEBRIS, TOXIC MATERIAL OR OTHER DELETERIOUS MATERIALS.
2. SHALL BE A MINIMUM 105 POUNDS PER CUBIC FOOT FOR THE MAXIMUM DRY DENSITY ACCORDING TO AASHTO T-180, METHOD C; AND SHALL NOT HAVE A LIQUID LIMIT GREATER THAN 30 NOR A PLASTICITY INDEX GREATER THAN 6.

1. WATER AND SANITARY SEWER INCLUDING SERVICE CONNECTIONS SHALL BE PER LATEST WSSC STANDARD DETAILS M8.1a and M8.1c & SPECIFICATIONS.
2. STORM DRAIN SHALL BE PER 2013 MONTGOMERY COUNTY DRAINAGE DESIGN CRITERIA CLASS C BEDDING CONDITIONS AS SHOWN IN THE TRENCH BEDDING CONDITIONS DETAIL SHEET. USE COMPACTED TRENCH BACKFILL OR GAB.

NOT TO SCALE

06-03-2014

4-96

REVISION

DETAIL

60

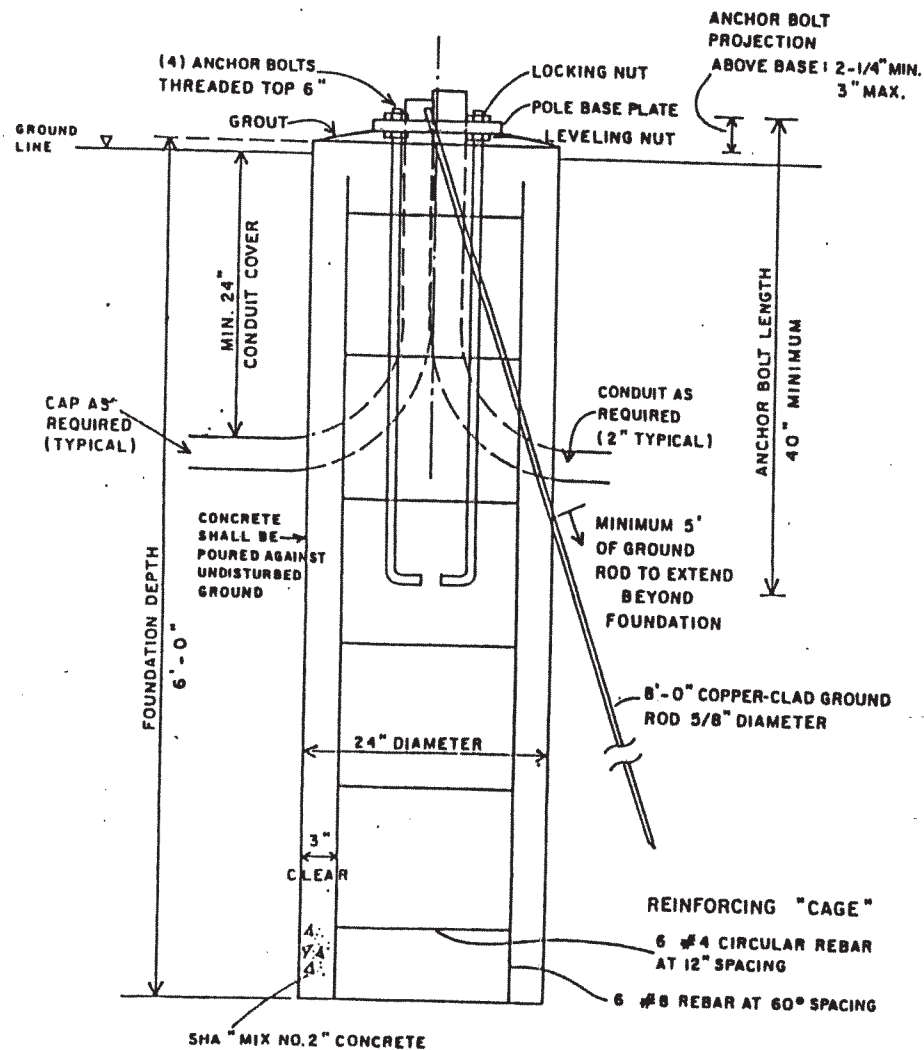


APPROVED BY:

DATE:

G. J. Am...
6-3-2014

PIPE TRENCH DETAIL



DRAWING NOT TO SCALE
FOR ALL DIMENSIONS NOT SHOWN
REFER TO SPECIAL PROVISIONS
OR MANUFACTURER'S SPECS.



ROCKVILLE

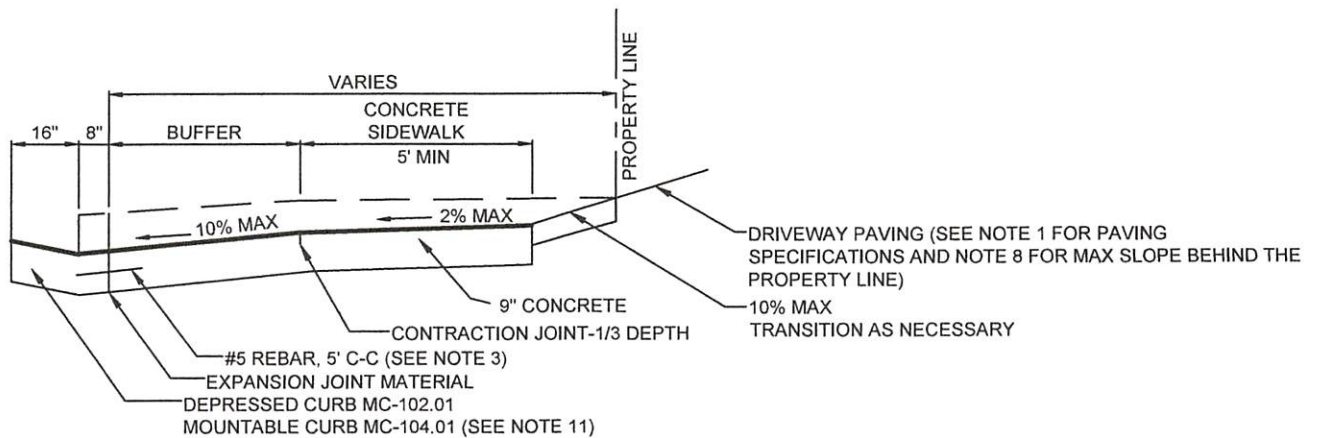
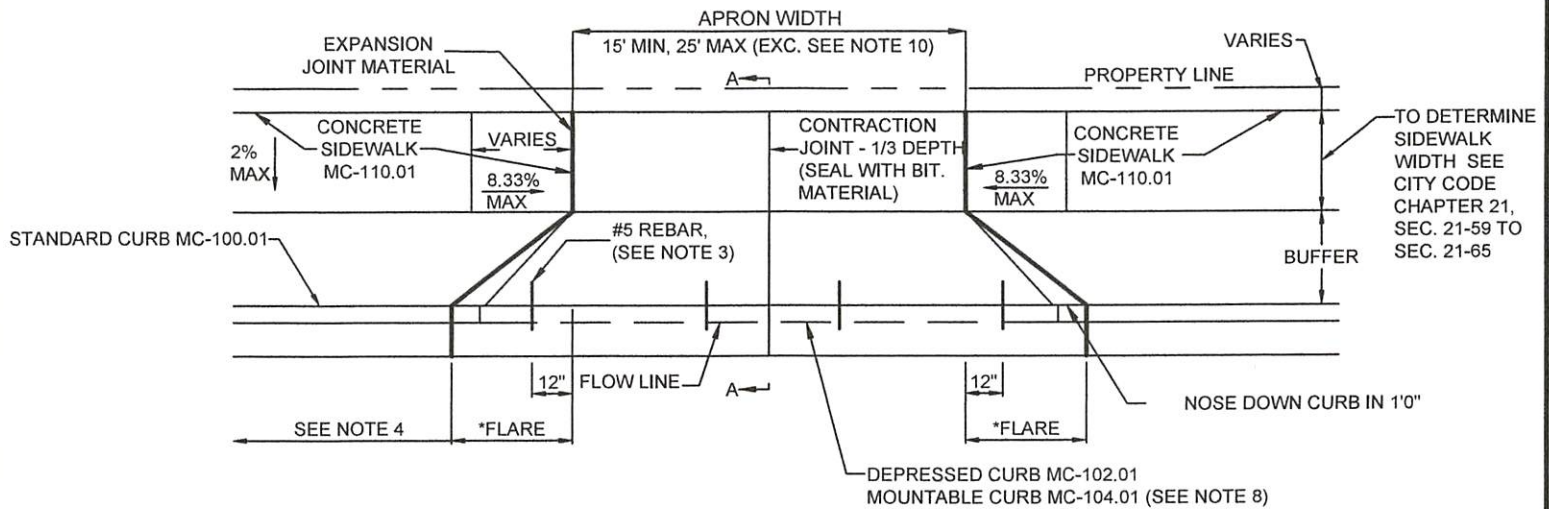
APPROVED BY: Joseph Cutro
Joseph Cutro - Chief Engineer/Transportation
DATE: 4/24/98

Typical Street Light Foundation

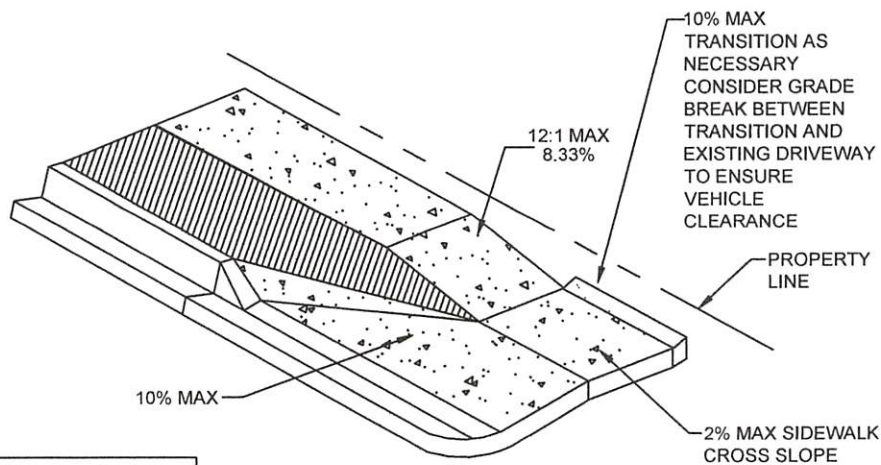
REVISION

DETAIL

80



SECTION A-A
N.T.S.



ABBREVIATIONS

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

APPROVED: *876-20*
G. L. [Signature]
DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL
COMMERCIAL/MIXED-USE DRIVEWAY APRON WITH BUFFER

8/2016
10/1993
REVISIONS

DETAIL
CM-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.
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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 PVIOUS 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 COMMERCIAL DRIVEWAY BEYOND PROPERTY LINE IS 14%.
9. MOUNTABLE CURB (MC-104.01) CAN BE USED TO REDUCE A SIDEWALK ELEVATION TRANSITION WHEN THE DRIVEWAY APRON SLOPE IS MAXIMIZED.
10. MINIMUM WIDTH FOR DRIVEWAYS IS 15 FEET AND THE MAXIMUM WIDTH FOR DRIVEWAYS IS 25 FEET, EXCEPT THAT TWO-DIRECTION DRIVEWAYS ON FOUR (4) LANE OR WIDER HIGHWAYS OR WITHIN THE CENTRAL BUSINESS DISTRICT MUST BE BETWEEN 25 FEET AND 35 FEET IN WIDTH PER SEC. 25.16.06.C OF THE CITY'S ZONING ORDINANCE.
11. MAINTAIN 2% SLOPE ACROSS APRON TOWARD STREET. USE MOUNTABLE CURB (MC-104.01) WHERE BACK OF APRON CANNOT BE LOWERED TO MEET EXISTING CONDITIONS.

8/2016

10/1993

REVISIONS



APPROVED: 8-6-20

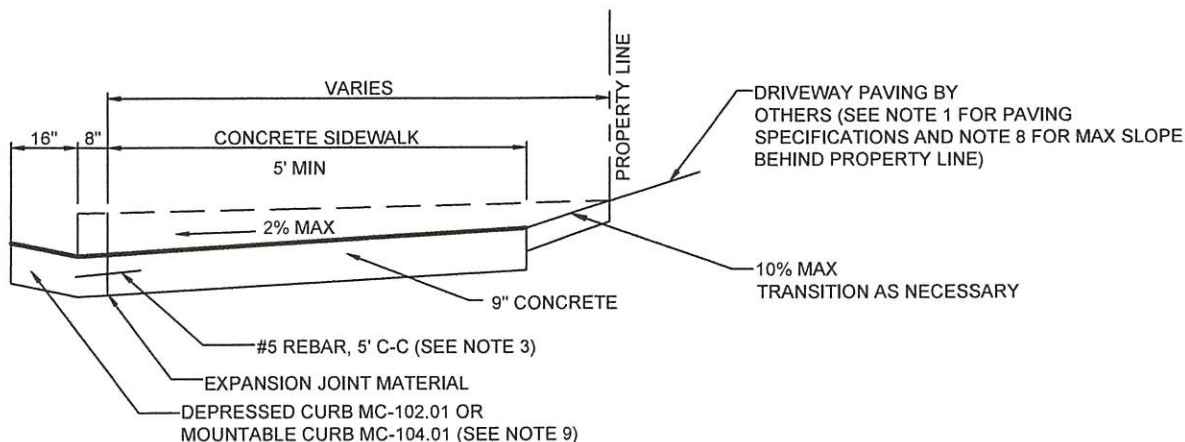
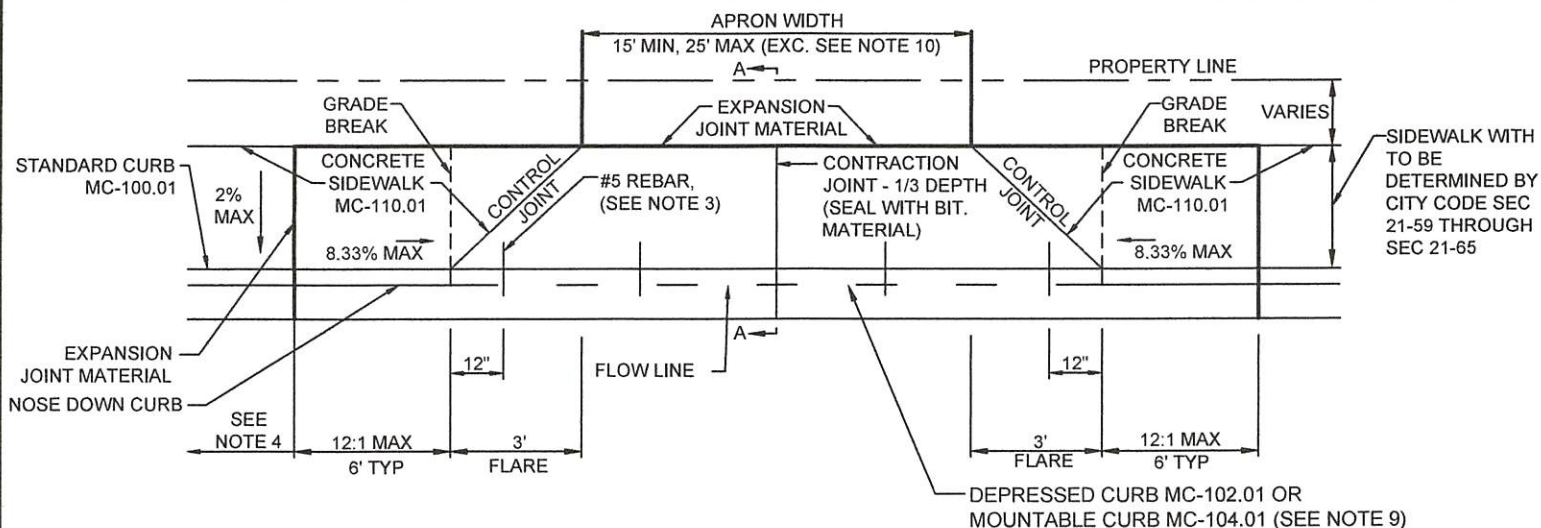
 DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL

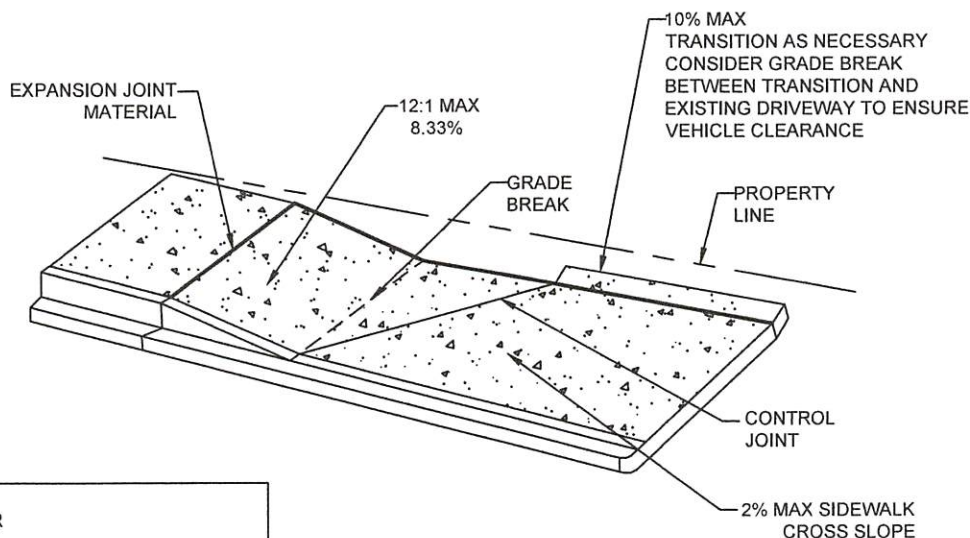
COMMERCIAL/MIXED-USE DRIVEWAY APRON
 WITH BUFFER

DETAIL

CM-1.2



SECTION A-A
N.T.S.



ABBREVIATIONS

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8/2016

10/1993

REVISIONS



APPROVED: 8-6-20

G. L. [Signature]
DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL
COMMERCIAL/MIXED-USE DRIVEWAY APRON
WITHOUT BUFFER

DETAIL
CM-2.1

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.
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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 COMMERCIAL DRIVEWAY BEYOND PROPERTY LINE IS 14%.
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8/2016

10/1993

REVISIONS



APPROVED: 8-6-20

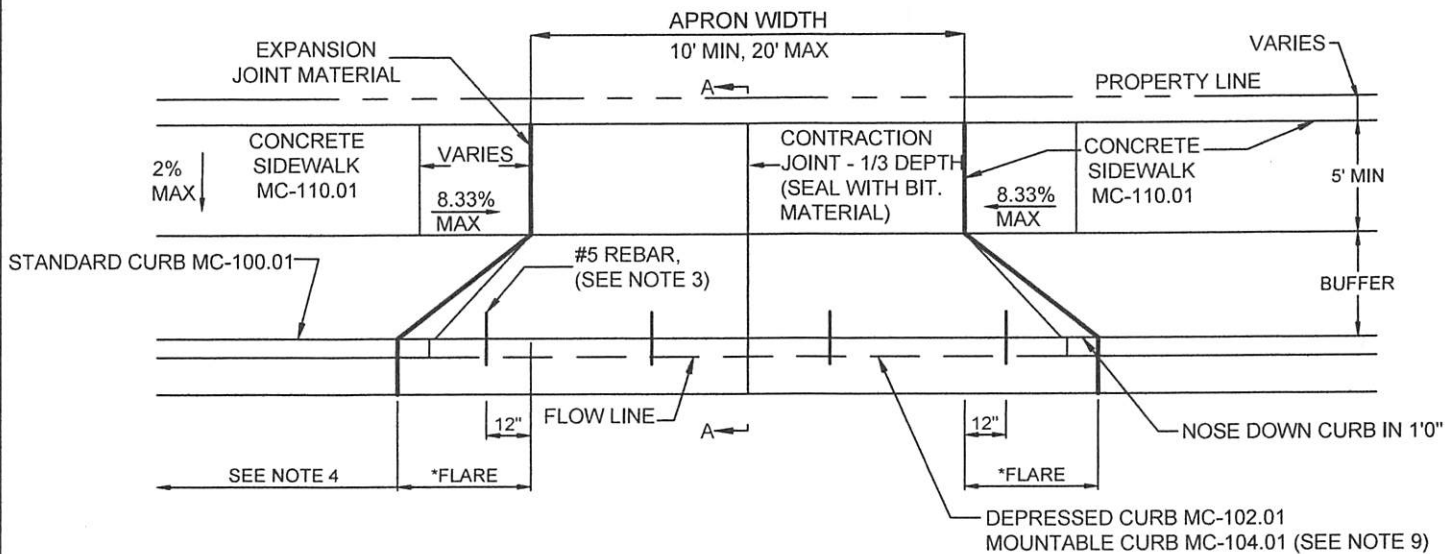
G. L. [Signature]
DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL

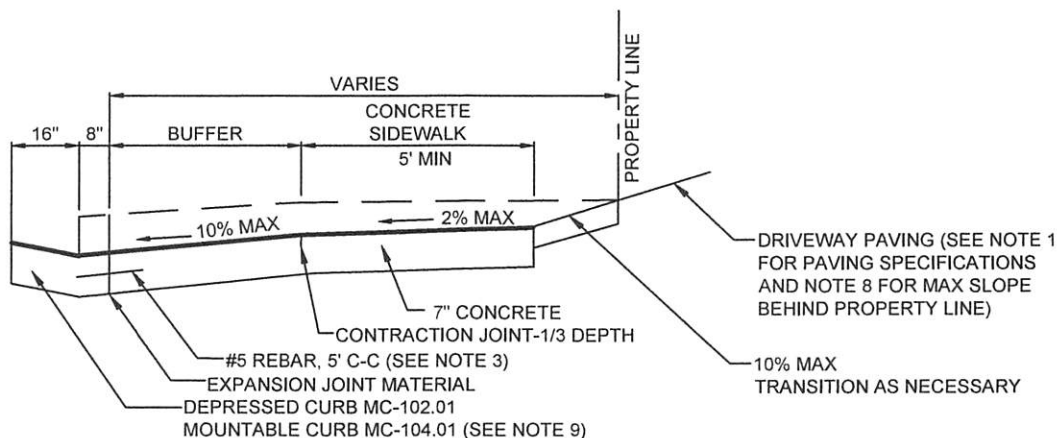
COMMERCIAL/MIXED-USE DRIVEWAY APRON
WITHOUT BUFFER

DETAIL

CM-2.2

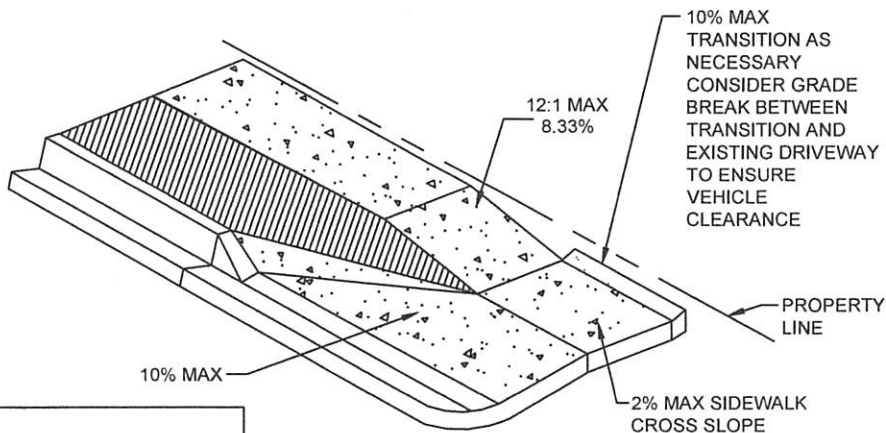


- *TO DETERMINE FLARE WIDTH
- FOR BUFFER STRIP LESS THAN 5 FEET, THE FLARE WIDTH SHALL BE 3 FEET
 - FOR BUFFER STRIP 5 FEET OR GREATER, THE FLARE WIDTH SHALL BE 5 FEET



SECTION A-A

N.T.S.



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8/2016

10/1993

REVISIONS



APPROVED: 8/6-20

C. L. Smith
DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL

SINGLE FAMILY/TOWNHOUSE
DRIVEWAY APRON WITH BUFFER

DETAIL
SF-1.1

DEFINITIONS

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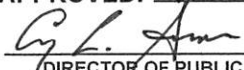
8/2016

10/1993

REVISIONS



APPROVED: 8-6-20

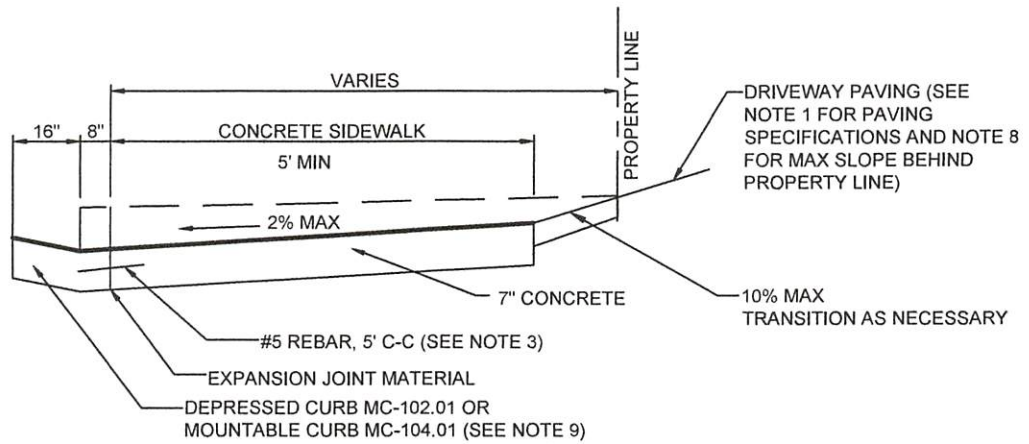
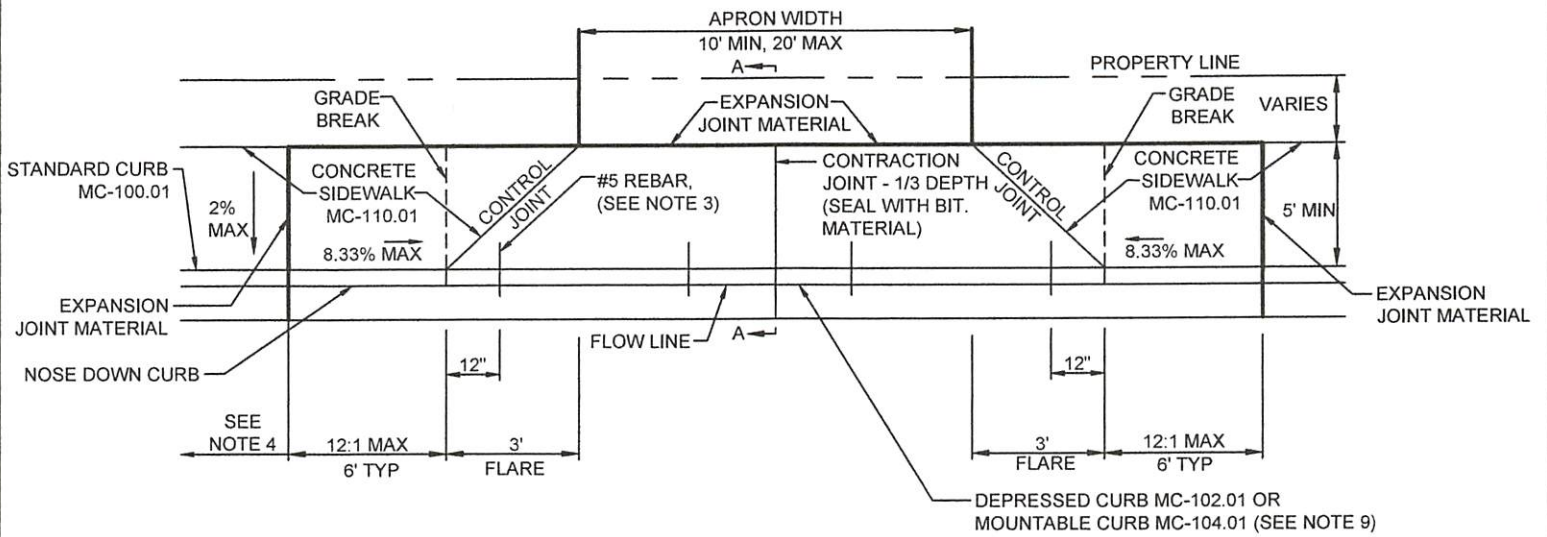

DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL

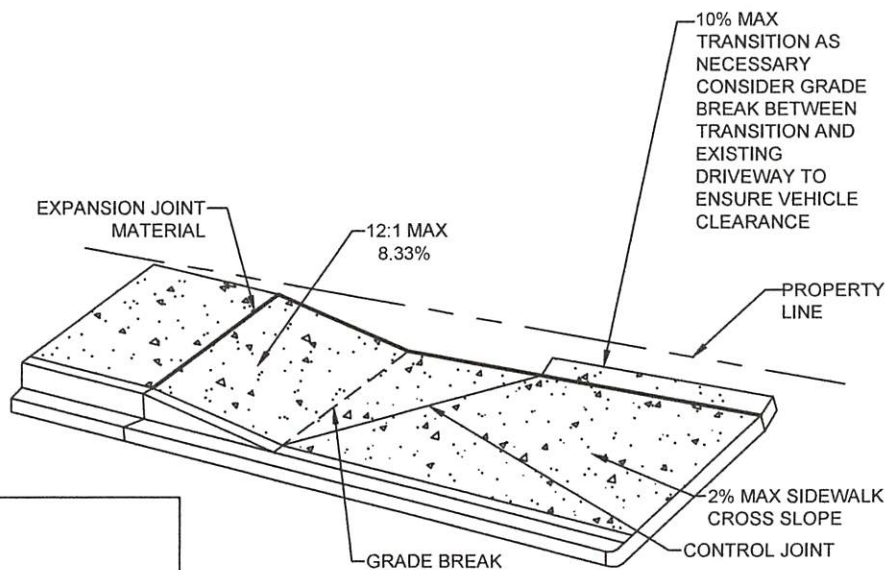
**SINGLE FAMILY/TOWNHOUSE
DRIVEWAY APRON WITH BUFFER**

DETAIL

SF-1.2



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8/2016
10/1993
REVISIONS



APPROVED: 8-6-20
C. L. [Signature]
DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL
SINGLE FAMILY/TOWNHOUSE
DRIVEWAY APRON WITHOUT BUFFER

DETAIL
SF-2.1

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8/2016

10/1993

REVISIONS



APPROVED: 8-6-20

Cy L. Aronson
DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL

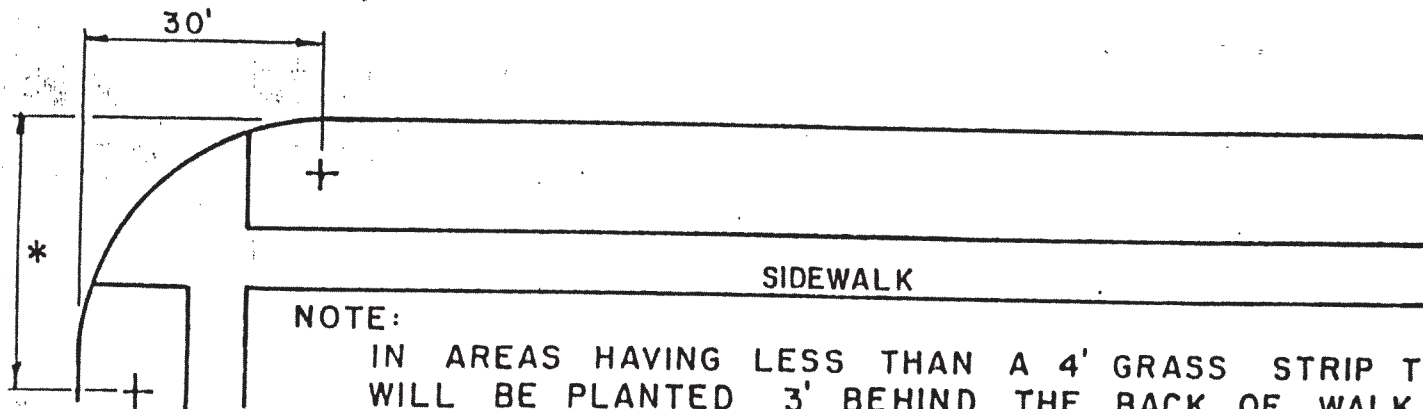
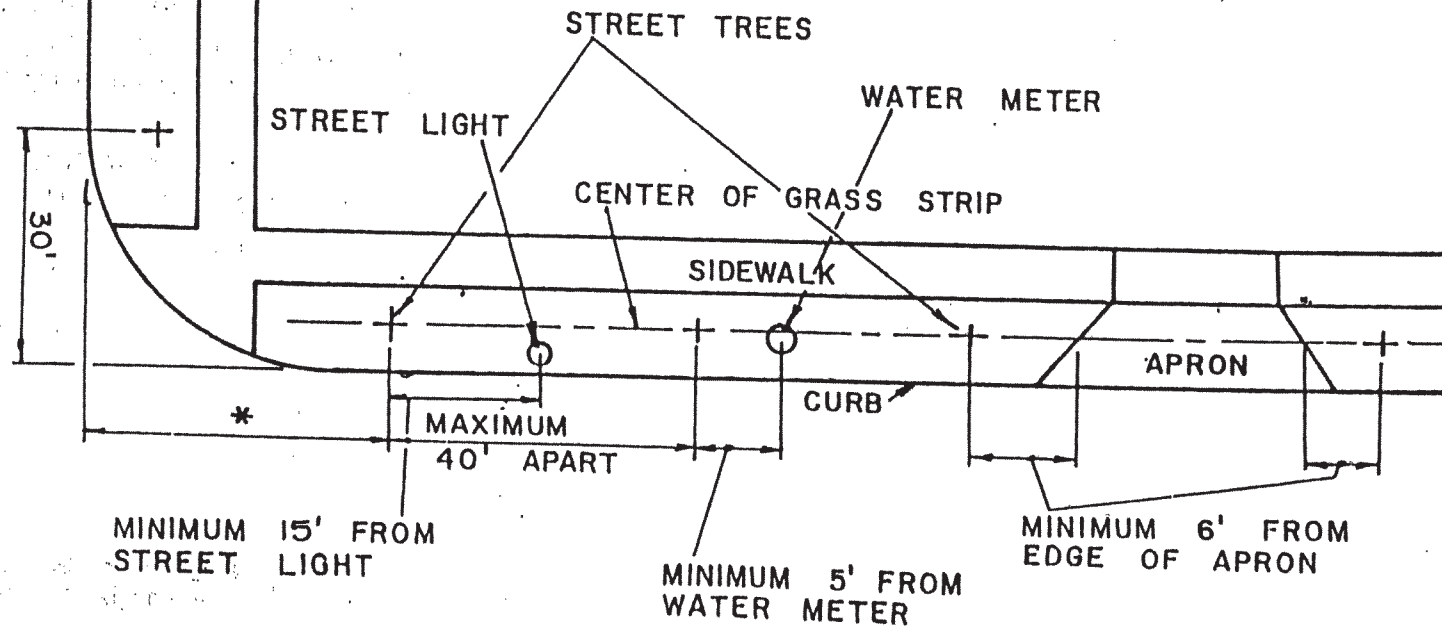
SINGLE FAMILY/TOWNHOUSE
DRIVEWAY APRON WITHOUT BUFFER

DETAIL

SF-2.2

* 1. WITH NO TRAFFIC CONTROL 30'

2. WITH TRAFFIC CONTROL, 50' OR AS DIRECTED
BY THE DEPARTMENT OF PUBLIC WORKS.



NOTE:

IN AREAS HAVING LESS THAN A 4' GRASS STRIP THE TREES
WILL BE PLANTED 3' BEHIND THE BACK OF WALK USING
THE SAME SPACING AS SHOWN ABOVE.



ROCKVILLE

APPROVED BY

Gerald E. Morningstar
GERALD E. MORNINGSTAR

DATE

11/20/91

TREE PLANTING STANDARD NO. 70A

6-93

REVISION

DETAIL
200