

TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL

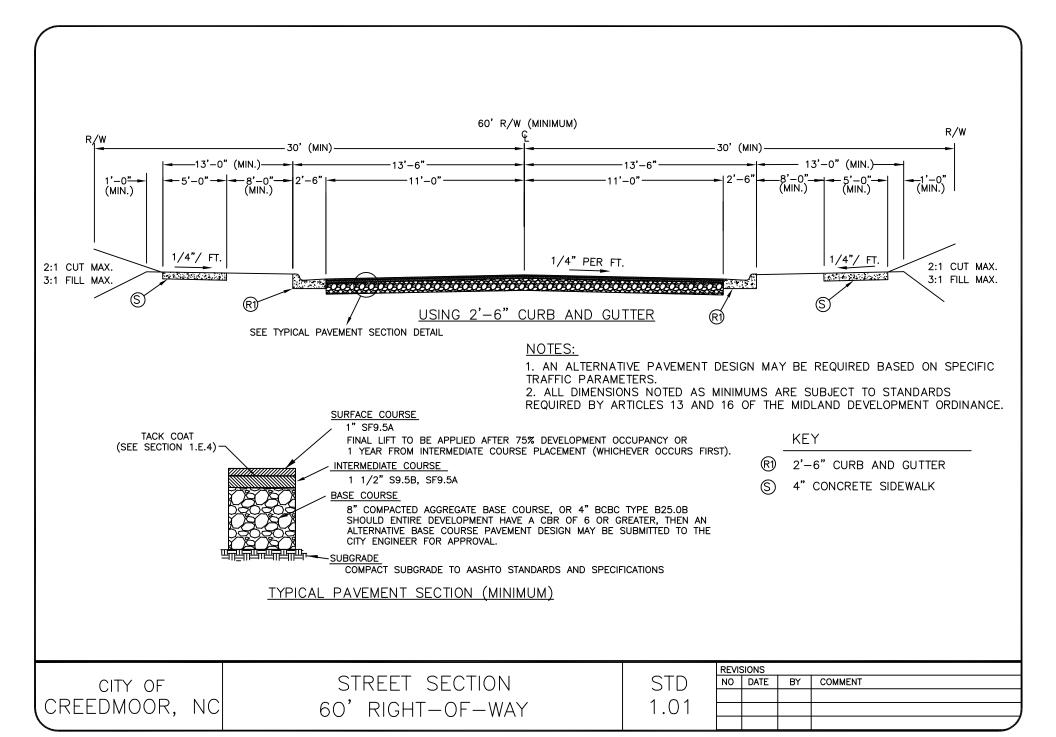
Creedmoor, North Carolina

Effective: July 1, 2012

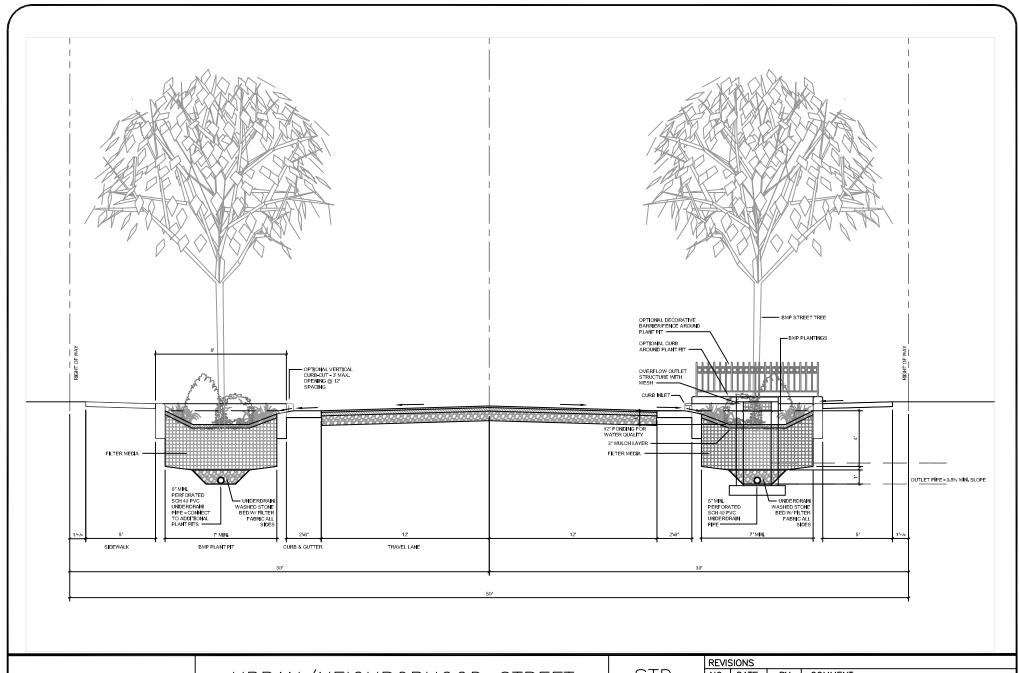
J. Jak / flow

F. Richard Flowe, AICP - Planning, Zoning, & Subdivision Administrator

Brian M. Wilson, PE - Public Works Engineer



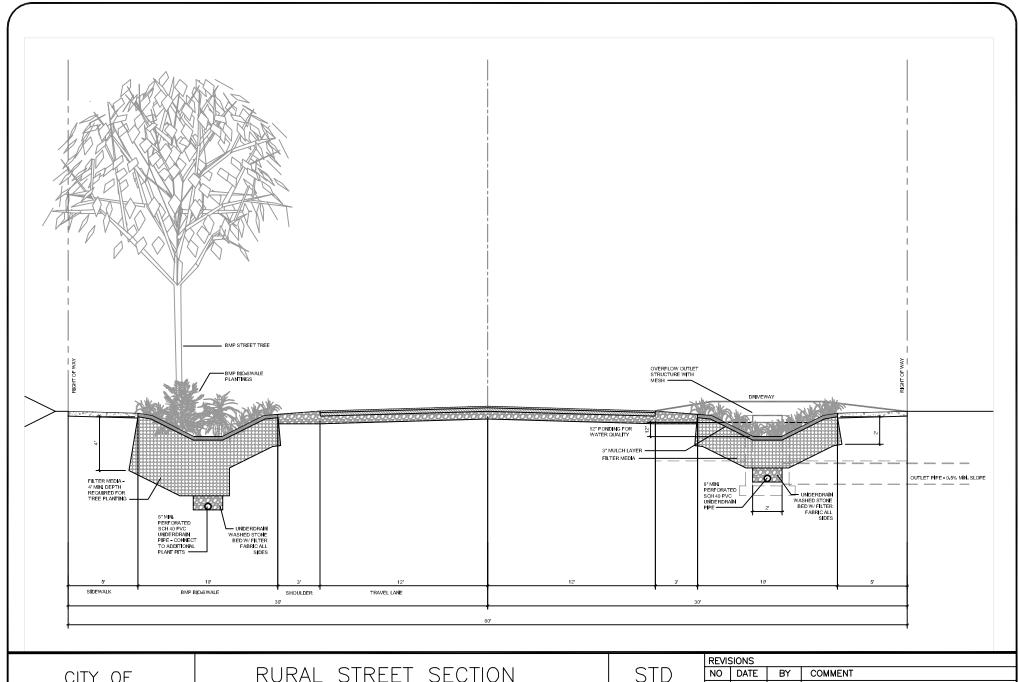
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CITY OF CREEDMOOR, NC URBAN/NEIGHBORHOOD STREET SECTION WITH STORM BMP

STD 1.21

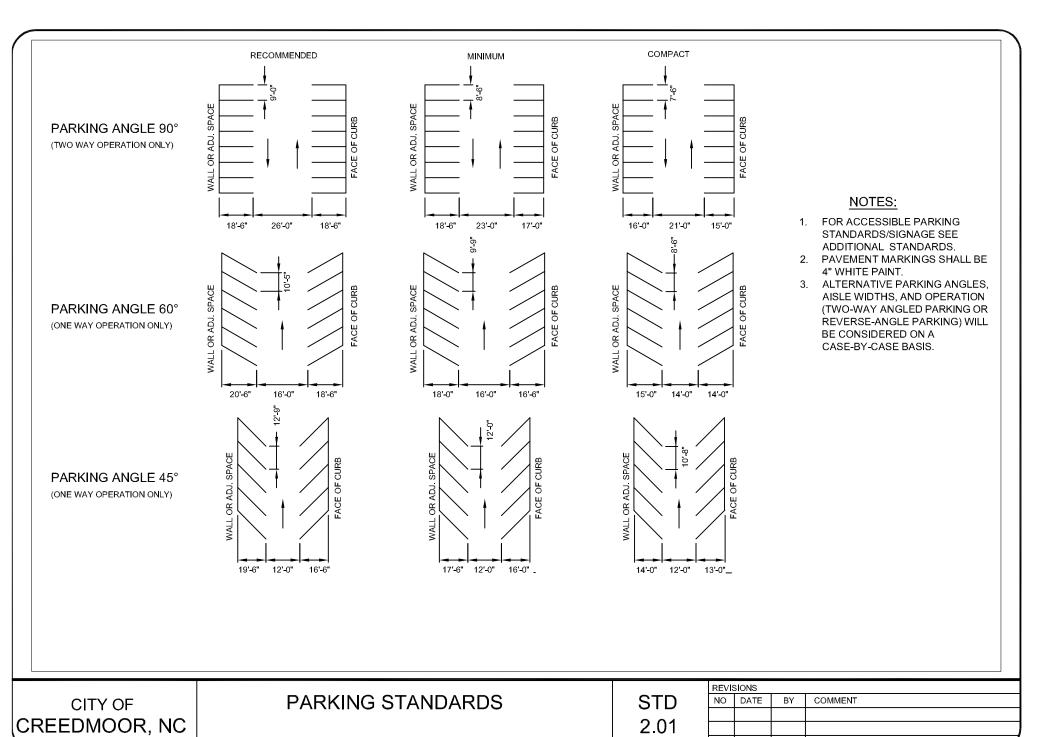
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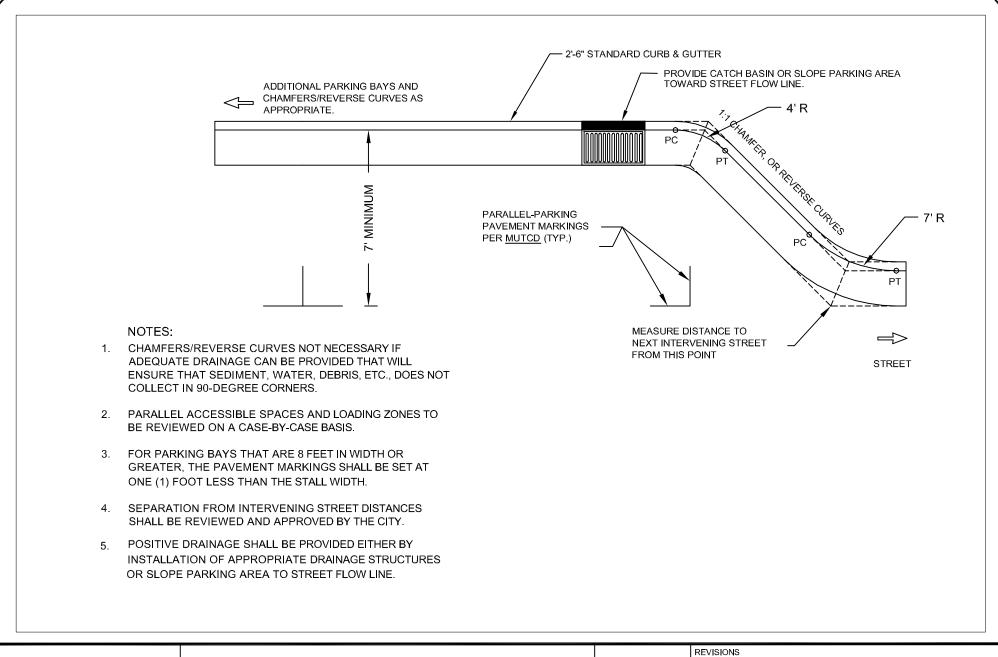


CITY OF CREEDMOOR, NC RURAL STREET SECTION WITH STORM BMP

STD 1.22

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CITY OF CREEDMOOR, NC

PARALLEL PARKING STANDARDS

STD 2.02

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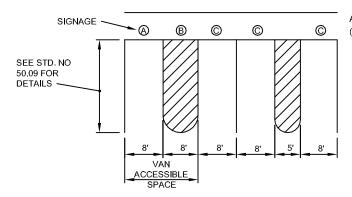
ACCESSIBLE PARKING REQUIREMENTS

| TOTAL PARKING SPACES PROVIDED | MINIMUM NUMBER OF ACCESSIBLE SPACES SPACES REQUIRED | MINIMUM NUMBER OF ACCESSIBLE SPACES REQUIRED TO BE VAN ACCESSIBLE |
|----------------------------------|---|---|
| 1 TO 25 | 1 | 1 |
| 26 TO 50 | 2 | 1 |
| 51 TO 75 | 3 | 1 |
| 76 TO 100 | 4 | 1 |
| 101 TO 150 | 5 | 1 |
| 151 TO 200 | 6 | 1 |
| 201 TO 300 | 7 | 1 |
| 301 TO 400 | 8 | 1 |
| 401 TO 500 | 9 | 2 |
| 501 TO 1000 | 2% OF TOTAL | 1 IN EVERY 8 ACCESSIBLE SPACES |
| 1001 AND OVER | 20 PLUS 1 FOR EACH 100 OVER 1000 | 1 IN EVERY 8 ACCESSIBLE SPACES |

SECTION 4.1.2 (5) OF THE AMERICANS WITH DISABILITIES ACT (ADA). SEE 4.1,2,(5) (d) FOR MEDICAL CARE FACILITIES

NOTES:

- SHALL BE MOUNTED AT 7 FEET FROM 1. ALL 12"x18" ACCESSIBLE SIGNS (R7-8a & R7-1) GRADETO BOTTOM EDGE OF SIGN FACE (MUTCD). MOUNTING HEIGHT CAN BE REDUCED TO 5 FEET IF PLACED IN AN AREA BETWEEN SIDEWALK AND BUILDING FACE IN WHICH PEDESTRIANS ARE NOT EXPECTED TO USE.
- 2. REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD) U.S. DEPARTMENT OF TRANSPORTATION AND NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SUPPLEMENT.
- 3. IF ACCESSIBLE ROUTE IS A RAISED SIDEWALK AREA, THEN RAMPS ARE REQUIRED AT LOADING ZONE AREA.



ACCESSIBLE ROUTE (SEE NOTE 3)

ONE OUT OF EVERY EIGHT (8)ACCESSIBLE SPACES, BUT NOT LESS THAN ONE, IS REQUIRED TO BE VAN ACCESSIBLE.

PARKING SPACE PAVEMENT MARKINGS







RESERVED PARKING SIGN



MUTCD R7-8a 12"x18"

R7-8D MUMIXAM 12"x9"

PENALTY \$ 250

R7-8D 12"x9"

PENALTY \$ 250

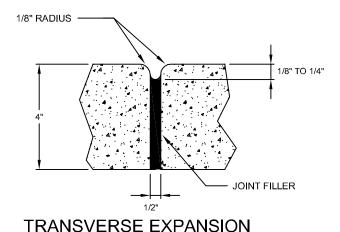
CITY OF CREEDMOOR, NC **ACCESSIBLE PARKING** AND SIGNAGE

STD 2.11

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4"

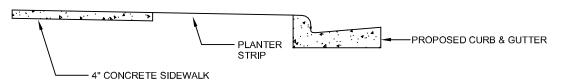
GROOVE JOINT IN SIDEWALK



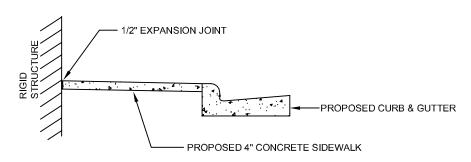
JOINT IN SIDEWALK

GENERAL NOTES:

- A GROOVE JOINT 1" DEEP WITH 1/8" RADII SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 45' INTERVALS NOT TO EXCEED 50' AND MATCHING EXPANSION/CONSTRUCTION JOINT IN ADJACENT CURB. A SEALED 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
- 2. SIDEWALK AT DRIVEWAY ENTRANCES TO BE 6" THICK.
- 3. WIDTH OF SIDEWALK ON ALL STREETS SHALL BE A MINIMUM OF 5'.
- 4. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3600 PSI. IN 28 DAYS.
- ZONING CONDITIONS MAY REQUIRE ADDITIONAL WIDTH SIDEWALKS WHICH SHALL SUPERSEDE THESE STANDARD DIMENSIONS SHOWN.



CONCRETE SIDEWALK WITH PLANTER STRIP



DETAILS SHOWING EXPANSION JOINTS FOR CONCRETE SIDEWALK

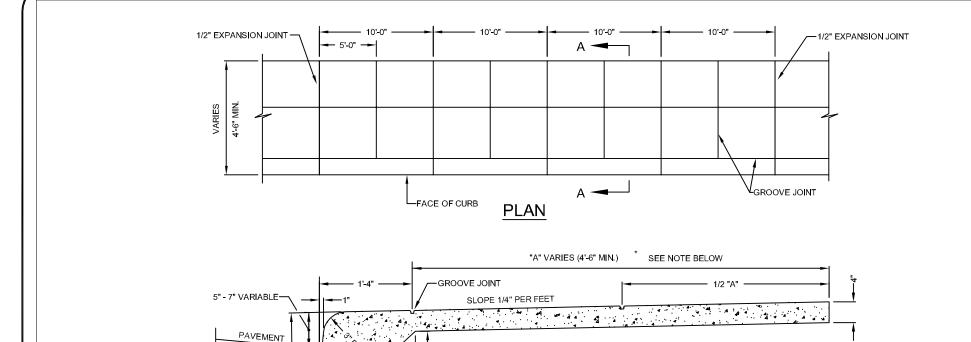
CITY OF CREEDMOOR, NC

CONCRETE SIDEWALK

STD 3.01

REVISIONS

NO DATE BY COMMENT



TWO 1/2" THICK PIECES BITUMINOUS FIBER REQUIRED IF SUBBASE IS CONCRETE. MUST BE SEALED WITH APPROVED JOINT SEALER.

GENERAL NOTES:

1. A GROOVE JOINT 1" DEEP WITH 1/3" RADII SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 40' INTERVALS. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.

SECTION A-A

- 2. ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.
- 3. SEE STANDARD FOR DETAIL OF EXPANSION JOINT AND GROOVE JOINT.
- 4. SEE STANDARD FOR DETAIL OF DRIVEWAY.
- 5. MONOLITHIC CURB AND SIDEWALK TO BE CONSTRUCTED ONLY WHEN APPROVED BY THE APPROPRIATE PUBLIC WORKS ENGINEER.

CITY OF CREEDMOOR, NC

MONOLITHIC CURB AND SIDEWALK

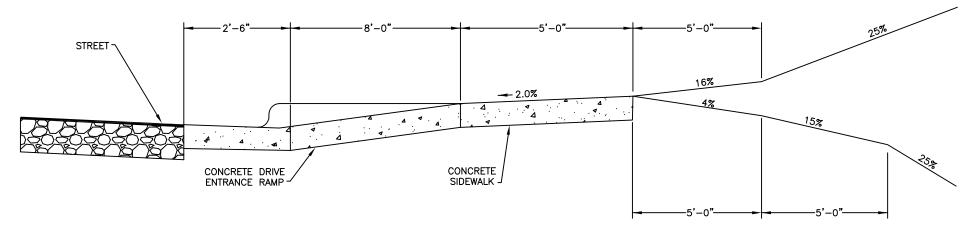
STD

* IF "A" IS GREATER THAN 8' ADDITIONAL GROOVE JOINT

SHALL BE REQUIRED AT 1/2 "A"

3.02

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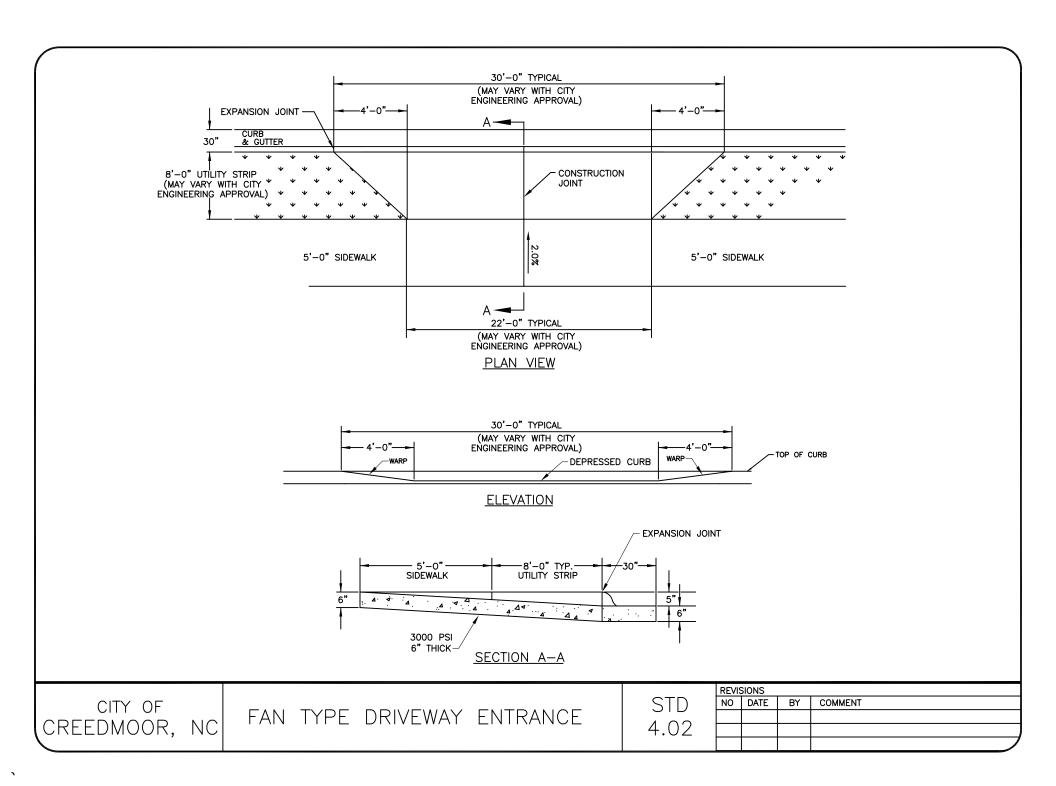
NOTE:

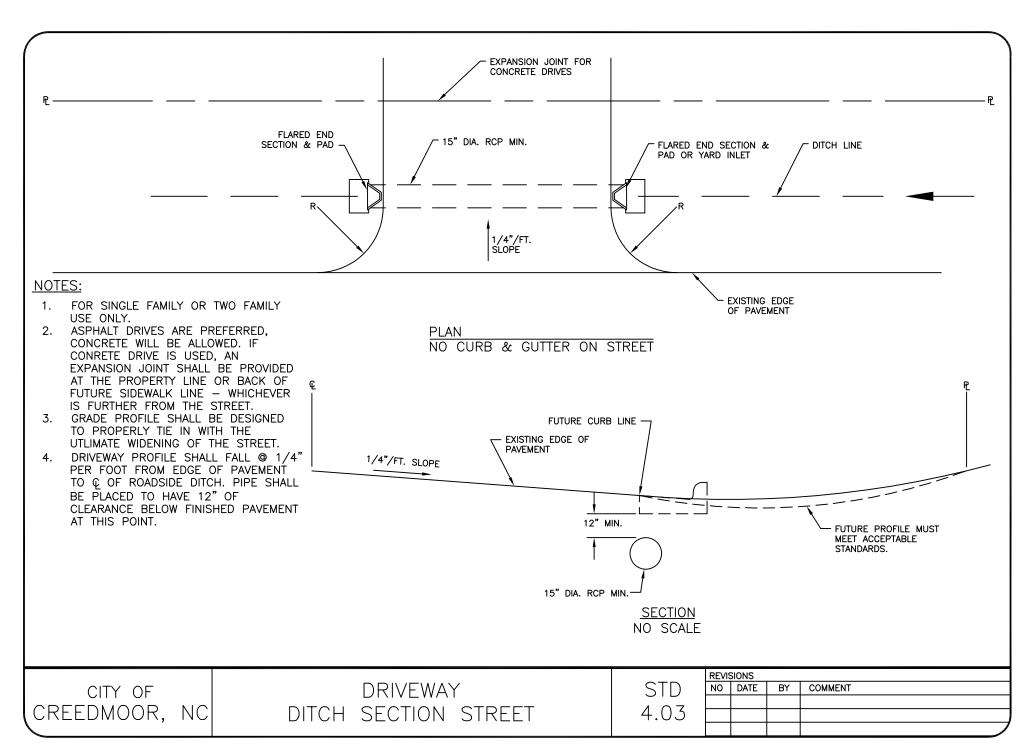
GRADES ARE SHOWN FOR SINGLE FAMILY & TWO FAMILY LOTS ONLY. COMMERCIAL TYPE USES MUST FLATTEN GRADES ACCORDINGLY FOR HIGHER VOLUMES OF TRAFFIC, ACCORDING TO THE TOWN ENGINEER'S DIRECTION.

NOT TO SCALE

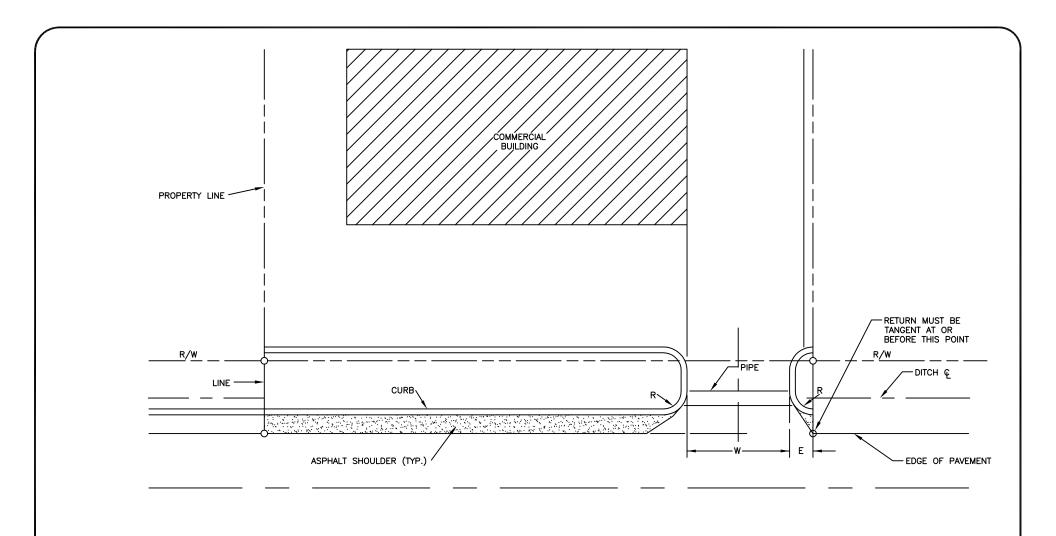
CITY OF CREEDMOOR, NC DRIVEWAY GRADES

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1. R - 10' MIN., 30' MAX.

E - 10' MIN.

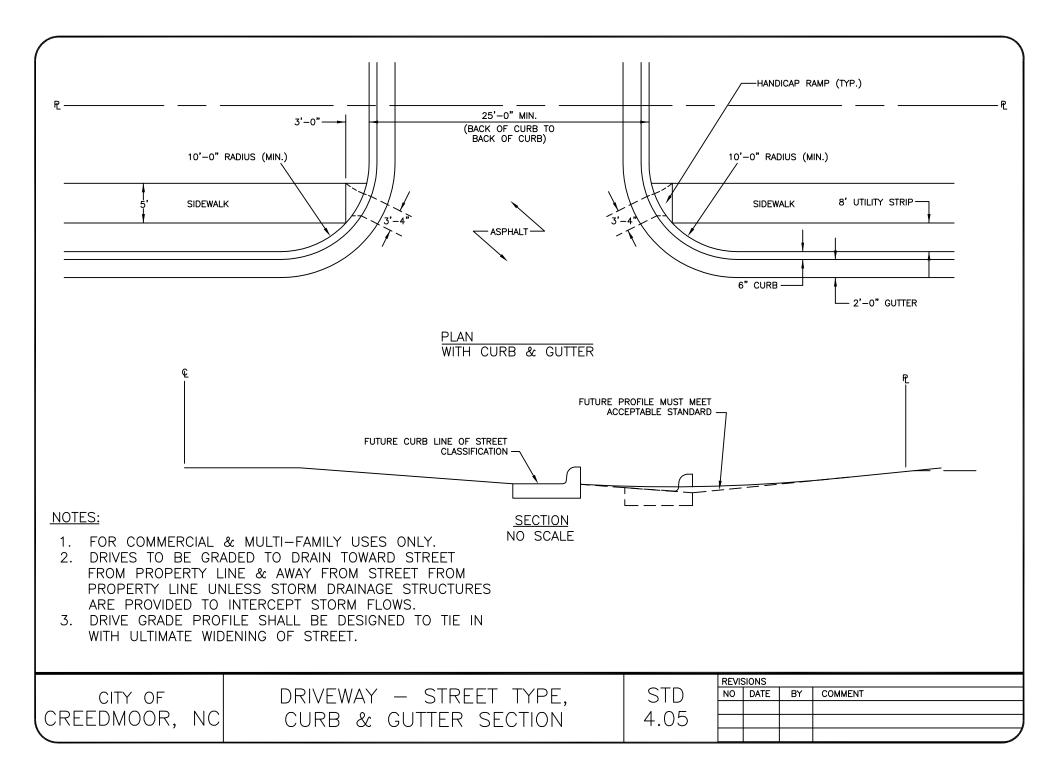
W - ONE WAY: 12' MIN., 20' MAX.

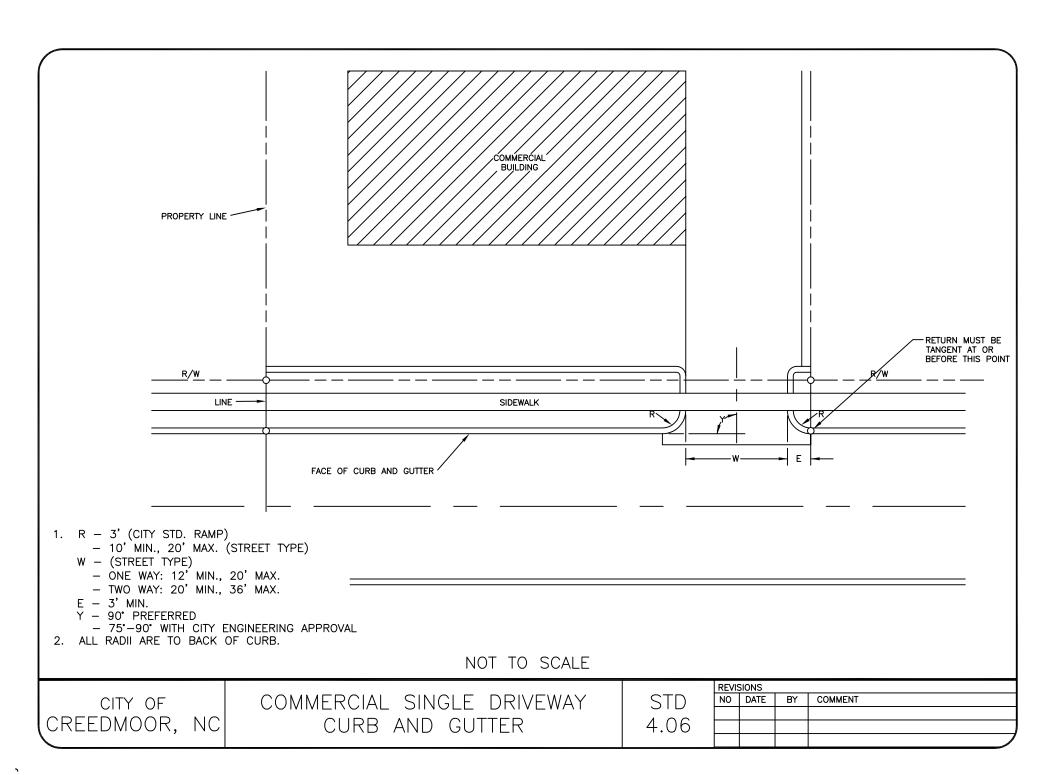
- TWO WAY: 20' MIN., 36' MAX.

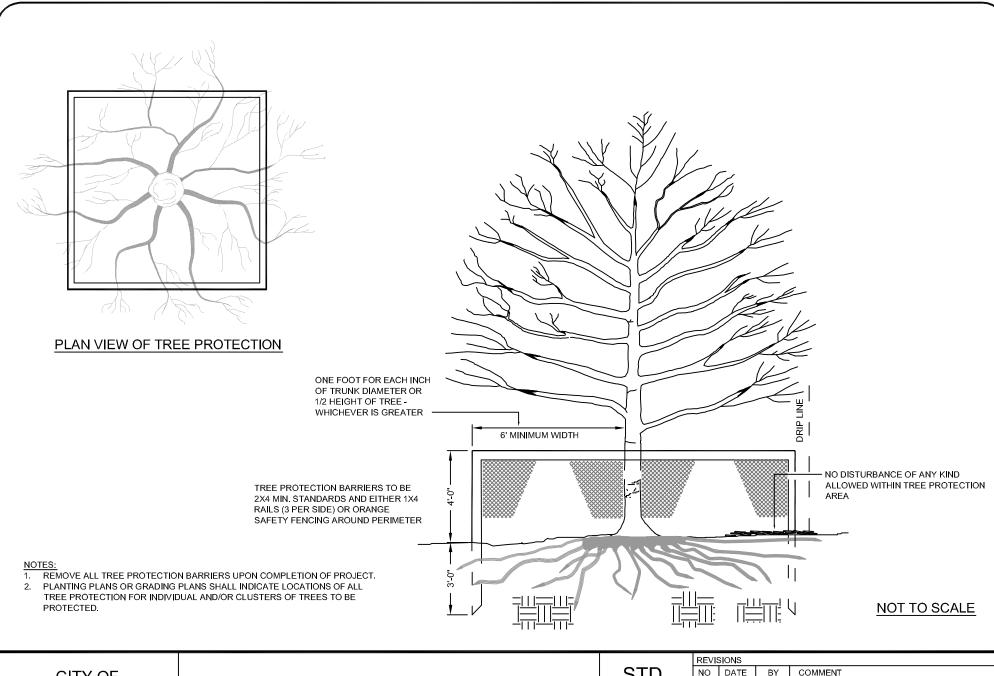
2. ALL RADII ARE TO BACK OF CURB.

NOT TO SCALE

REVISIONS COMMERCIAL SINGLE DRIVEWAY STD NO DATE BY COMMENT CITY OF CREEDMOOR, NC DITCH SECTION 4.04







CITY OF CREEDMOOR, NC

TREE PROTECTION BARRIER

STD 5.01

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