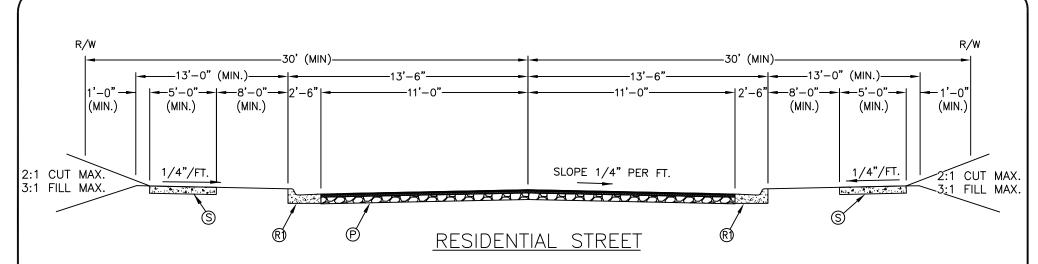


TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL

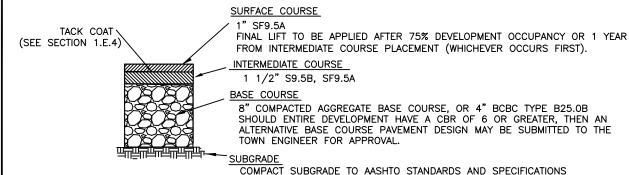
Wilson's Mills, North Carolina

Effective: August 12, 2019



NOTES:

- AN ALTERNATIVE PAVEMENT DESIGN MAY BE REQUIRED BASED ON SPECIFIC TRAFFIC PARAMETERS.
- ALL DIMENSIONS NOTED AS MINIMUMS ARE SUBJECT TO STANDARDS REQUIRED BY TOWN OF WILSON'S MILLS DEVELOPMENT ORDINANCE.



TYPICAL MINIMUM PAVEMENT SECTION (MINIMUM)

KEY

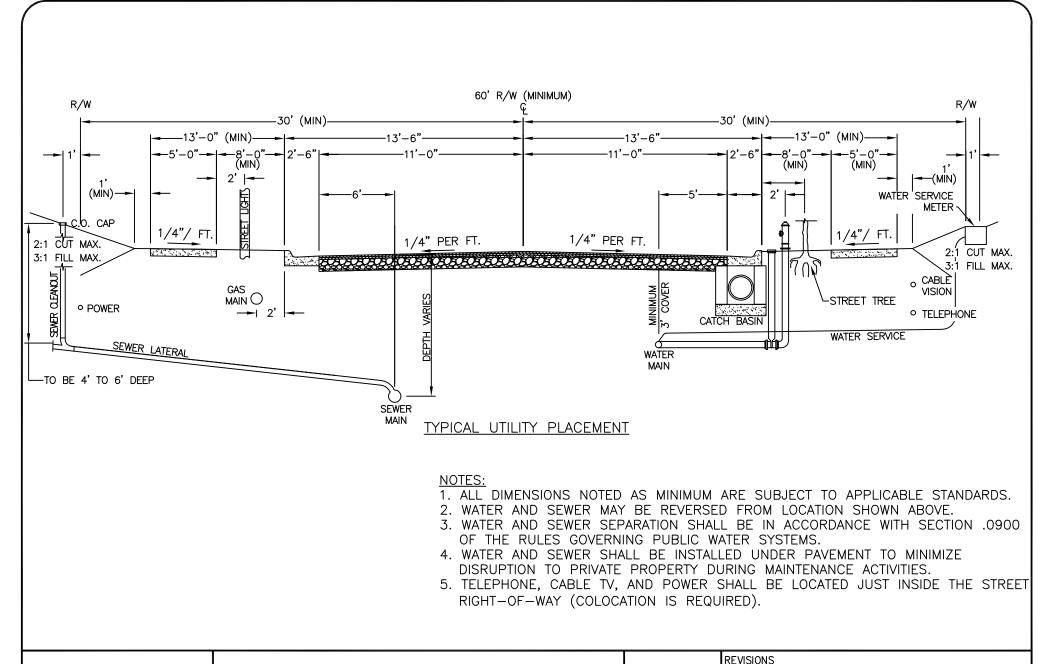
- R) 2'-6" CURB AND GUTTER
- (S) 4" CONCRETE SIDEWALK
- (P) TYPICAL PAVEMENT SECTION

NOT TO SCALE

TOWN OF WILSON'S MILLS, NC

STREET SECTION 60' RIGHT-OF-WAY

STD. 1.01 REVISIONS
NO DATE BY COMMENT
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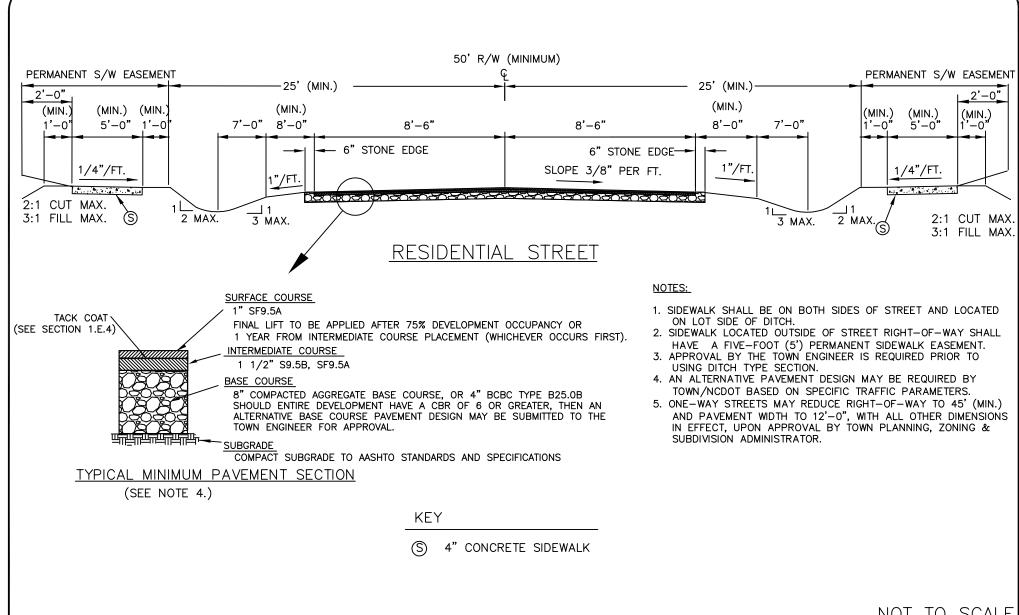


TOWN OF WILSON'S MILLS, NC

STREET SECTION WITH UTILITIES 60' RIGHT-OF-WAY

STD. NO DATE BY COMMENT

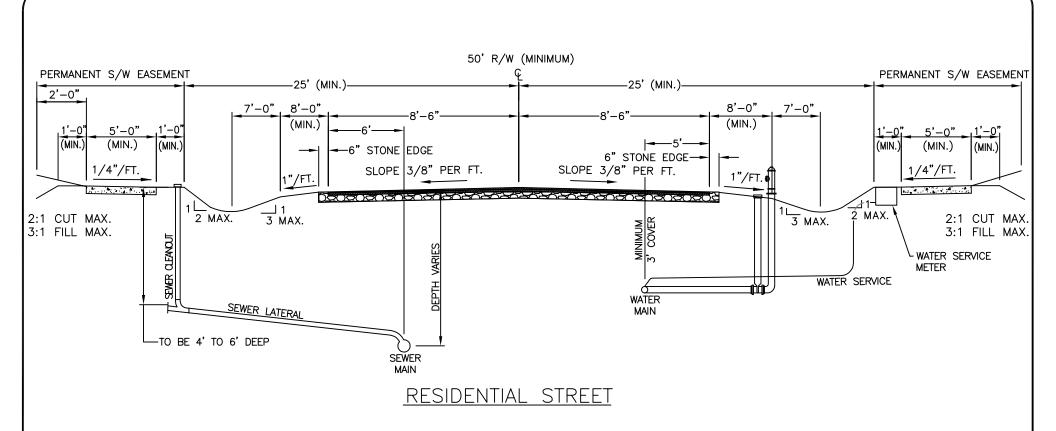
1.02



NOT TO SCALE

TOWN OF WILSON'S MILLS, NC

RESIDENTIAL STREET DITCH TYPE STREET TYPICAL SECTION STD. 1.03 REVISIONS NO DATE BY COMMENT



NOTES:

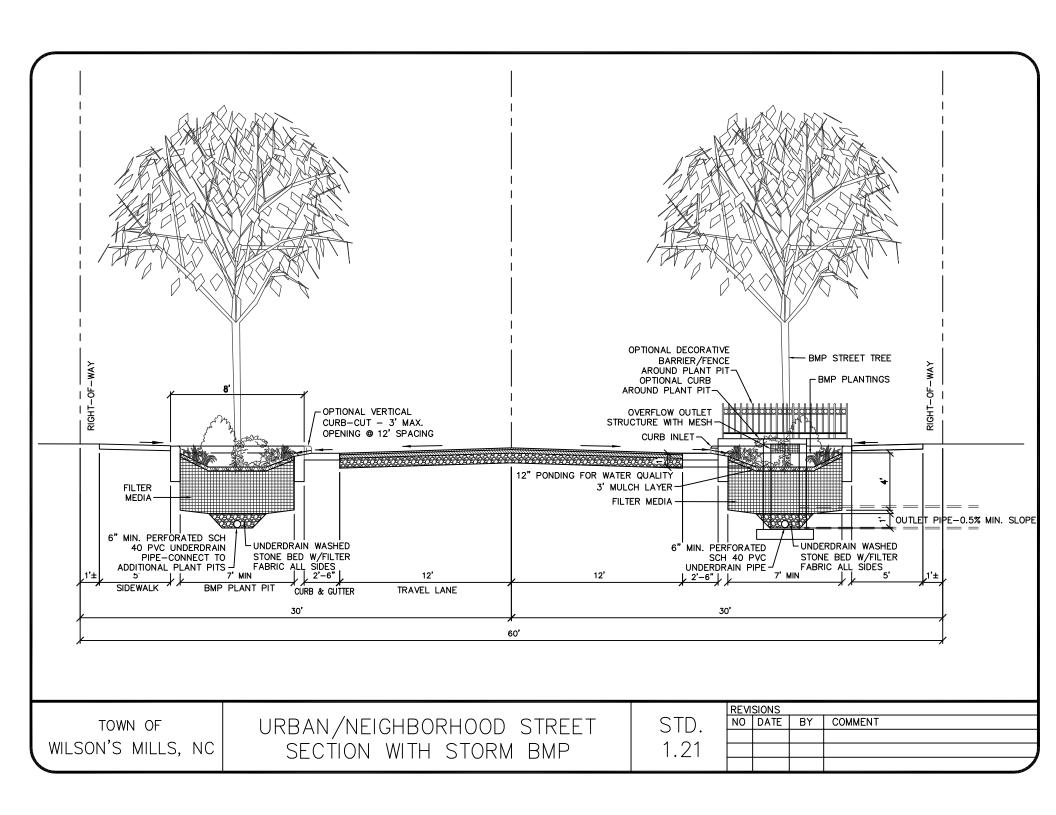
- 1. ALL DIMENSIONS NOTED AS MINIMUM ARE SUBJECT TO APPLICABLE STANDARDS.
- 2. WATER AND SEWER MAY BE REVERSED FROM LOCATION SHOWN ABOVE.
- 3. WATER AND SEWER SEPARATION SHALL BE IN ACCORDANCE WITH SECTION .0900 OF THE RULES GOVERNING PUBLIC WATER SYSTEMS.
- 4. WATER AND SEWER SHALL BE INSTALLED UNDER PAVEMENT TO MINIMIZE DISRUPTION TO PRIVATE PROPERTY DURING MAINTENANCE ACTIVITIES.
- 5. TELEPHONE, CABLE TV, AND POWER SHALL BE LOCATED JUST INSIDE THE STREET RIGHT-OF-WAY (COLOCATION IS REQUIRED).

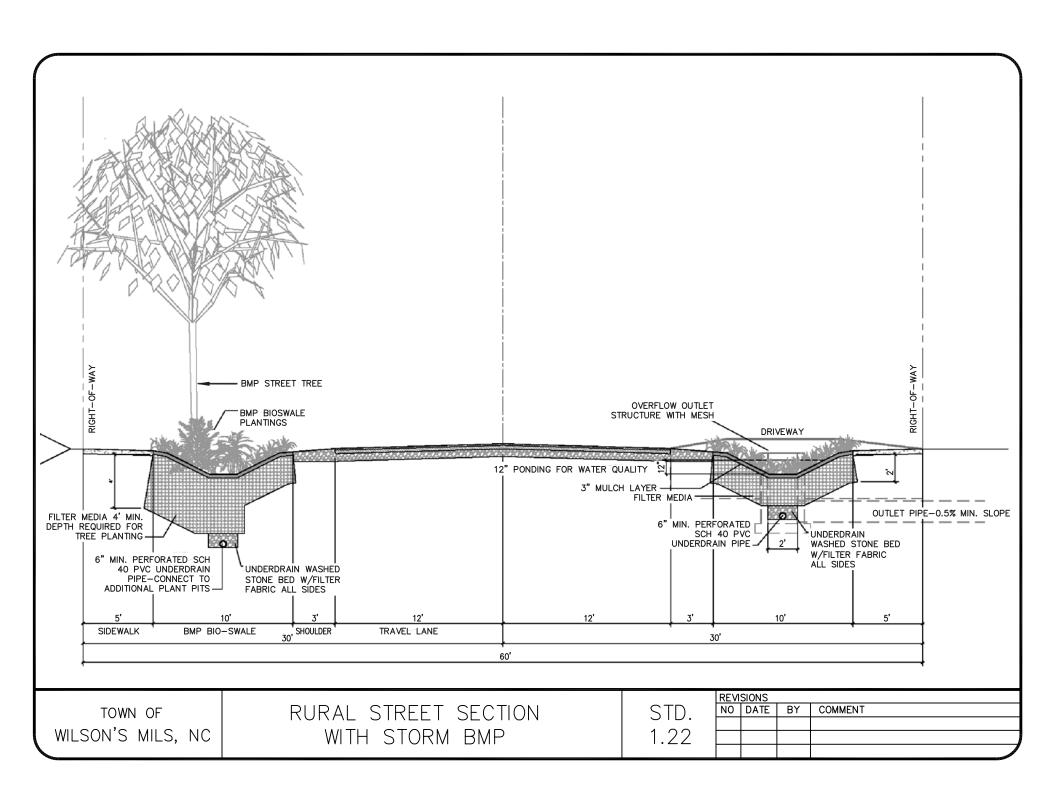
TOWN OF WILSON'S MILLS, NC

RESIDENTIAL STREET WITH UTILITIES DITCH TYPE STREET TYPICAL SECTION

STD. 1.04

	REVISIONS				
ı	NO	DATE	BY	COMMENT	





MINIMUM PARKING ANGLE 90° (TWO-WAY OPERATION ONLY) 20'-0" 23'-0" WALL OR ADJACENT SPACE PARKING ANGLE 60° (ONE-WAY OPERATION ONLY) 21'-0" 16'-0" 20'-0" WALL OR ADJACENT SPACE PARKING ANGLE 45° (ONE-WAY OPERATION ONLY) 22'-0" 12'-0" 22'-0"

N	O	T	Ε	S	
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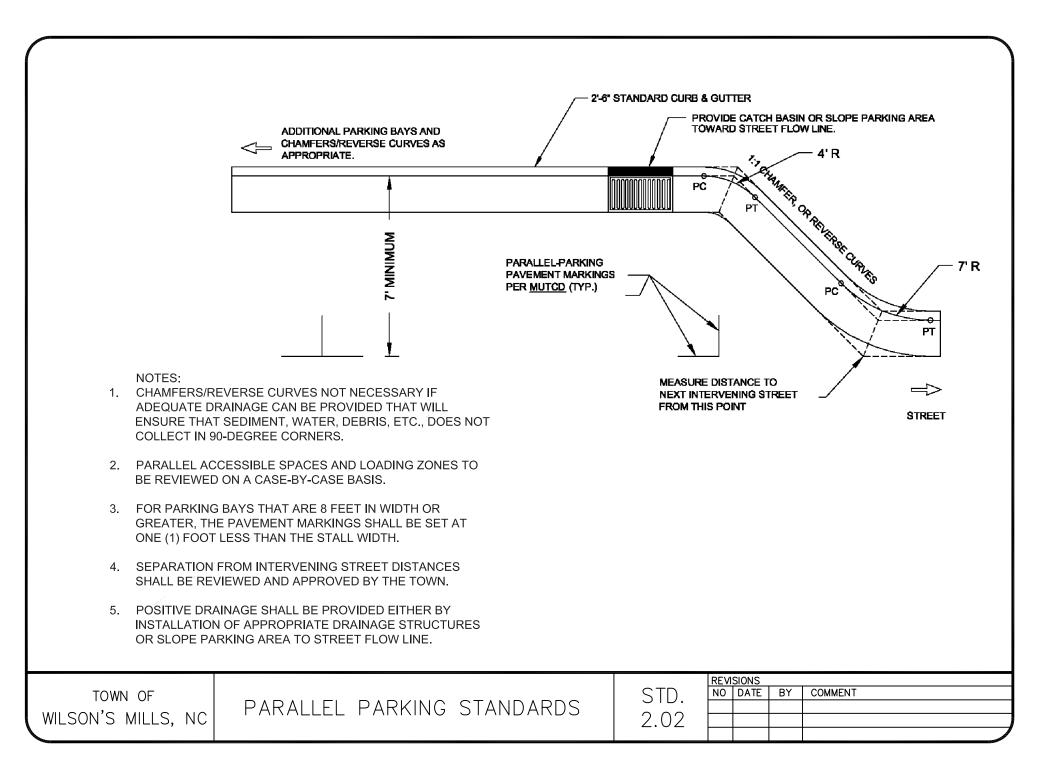
- FOR ACCESSIBLE PARKING STANDARDS/SIGNAGE SEE ADDITIONAL STANDARDS.
- 2. PAVEMENT MARKINGS SHALL BE 4" WHITE PAINT.
- ALTERNATIVE PARKING ANGLES WIDTHS AND OPERATION (TWO-WAY ANGLED PARKING OR REVERSE-ANGLE PARKING) WILL BE CONSIDERED ON A CASE-BY-CASE BASIS.

TOWN OF WILSON'S MILLS, NC

PARKING STANDARDS

STD. 2.01

REVISIONS				
NO	DATE	BY	COMMENT	



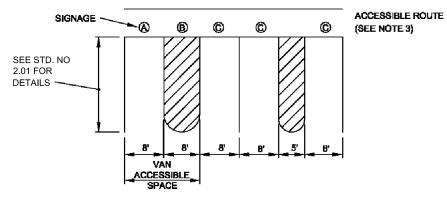
ACCESSIBLE PARKING REQUIREMENTS

MINIMUM NUMBER OF ACCESSIBLE SPACES SPACES REQUIRED	MINIMUM NUMBER OF ACCESSIBLE SPACES REQUIRED TO BE VAN ACCESSIBLE
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	2
2% OF TOTAL	1 IN EVERY 8 ACCESSIBLE SPACES
20 PLUS 1 FOR EACH 100 OVER 1000	1 IN EVERY 8 ACCESSIBLE SPACES
	OF ACCESSIBLE SPACES SPACES REQUIRED 1 2 3 4 5 6 7 8 9 2% OF TOTAL

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

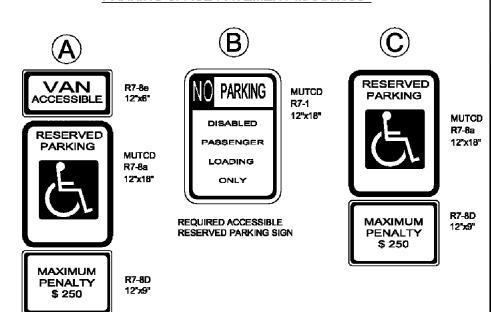
NOTES:

- 1. ALL 12"x18" ACCESSIBLE SIGNS (R7-8a & R7-1) SHALL BE MOUNTED AT 7 FEET FROM GRADE TO 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.



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

PARKING SPACE PAVEMENT MARKINGS



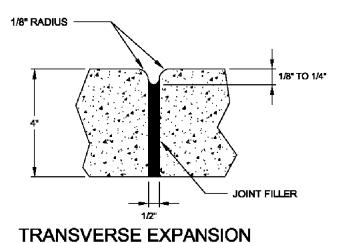
TOWN OF WILSON'S MILLS, NC

ACCESSIBLE PARKING AND SIGNAGE STD. 2.11

REVI	SIONS		
NO	DATE	BY	COMMENT

1/8*

GROOVE JOINT IN SIDEWALK



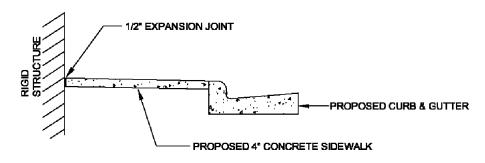
JOINT IN SIDEWALK

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'.
- 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

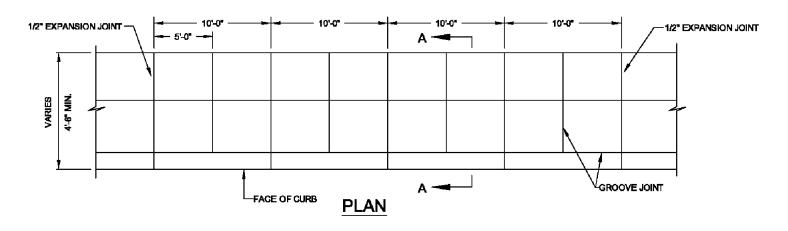
FOR CONCRETE SIDEWALK

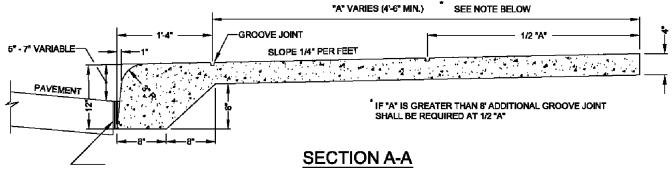
TOWN OF WILSON'S MILLS, NC

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:

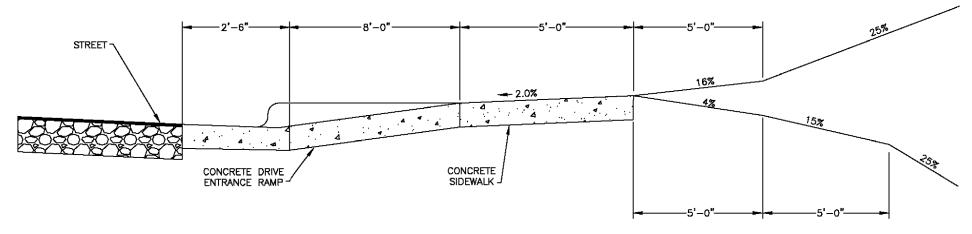
- A GROOVE JOINT 1" DEEP WITH 1/3" RADII SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5" INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 40" INTERVALS. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
- 2. ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.
- 3. SEE STANDARD FOR DETAIL OF EXPANSION JOINT AND GROOVE JOINT.
- 4. SEE STANDARD FOR DETAIL OF DRIVEWAY.
- MONOLITHIC CURB AND SIDEWALK TO BE CONSTRUCTED ONLY WHEN APPROVED BY THE APPROPRIATE PUBLIC WORKS ENGINEER.

TOWN OF WILSON'S MILLS, NC

MONOLITHIC CURB AND SIDEWALK

STD. 3.02 REVISIONS

NO DATE BY COMMENT



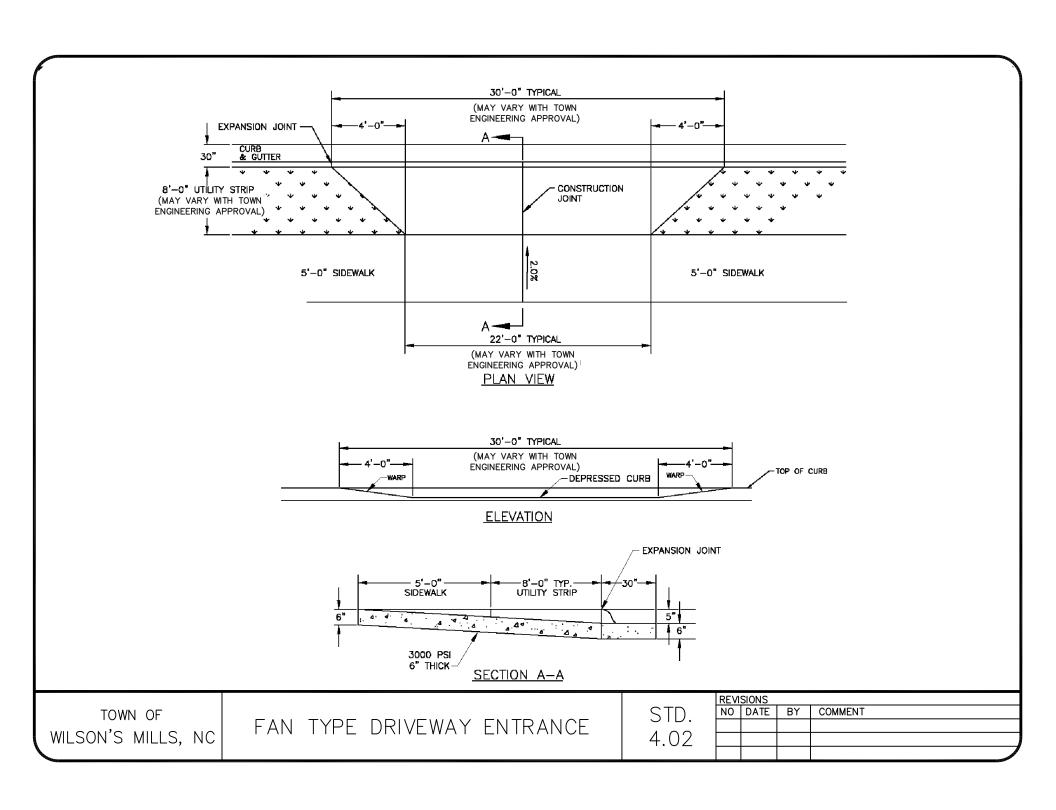
NOTE:

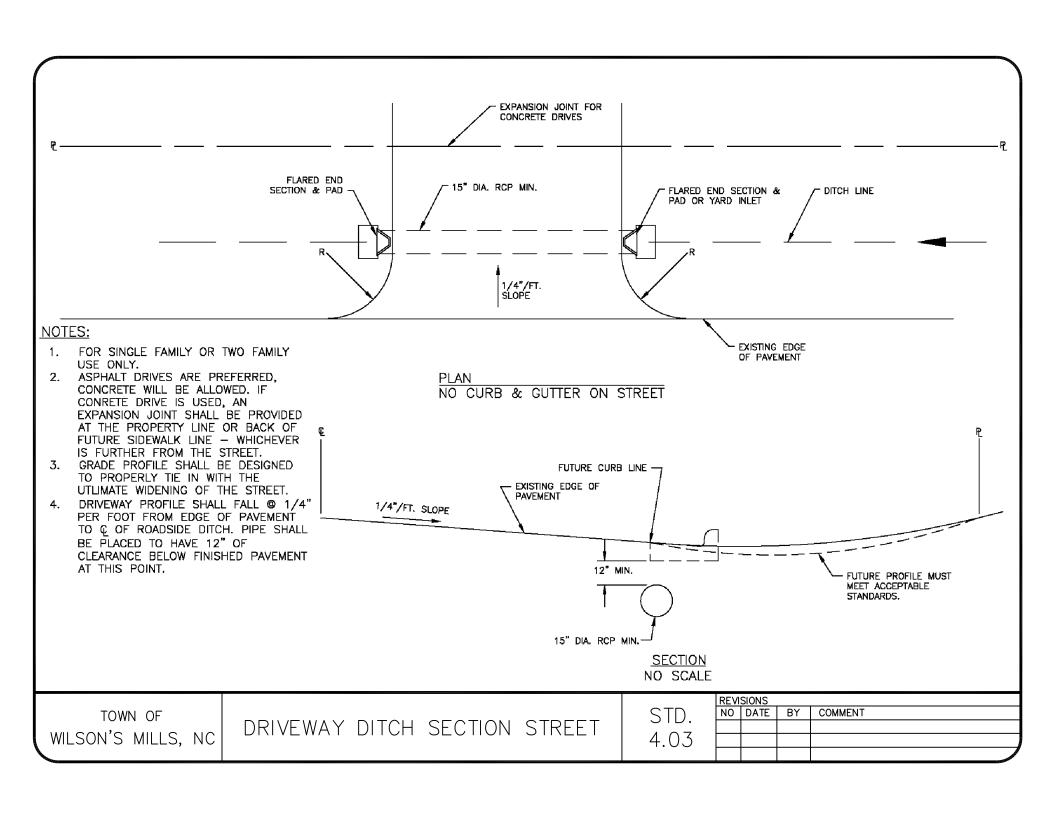
GRADES ARE SHOWN FOR SINGLE FAMILY & TWO FAMILY LOTS ONLY. COMMERCIAL TYPE USES MUST FLATTEN GRADES ACCORDINGLY FOR HIGHER VOLUMES OF TRAFFIC, ACCORDING TO THE TOWN ENGINEER'S DIRECTION.

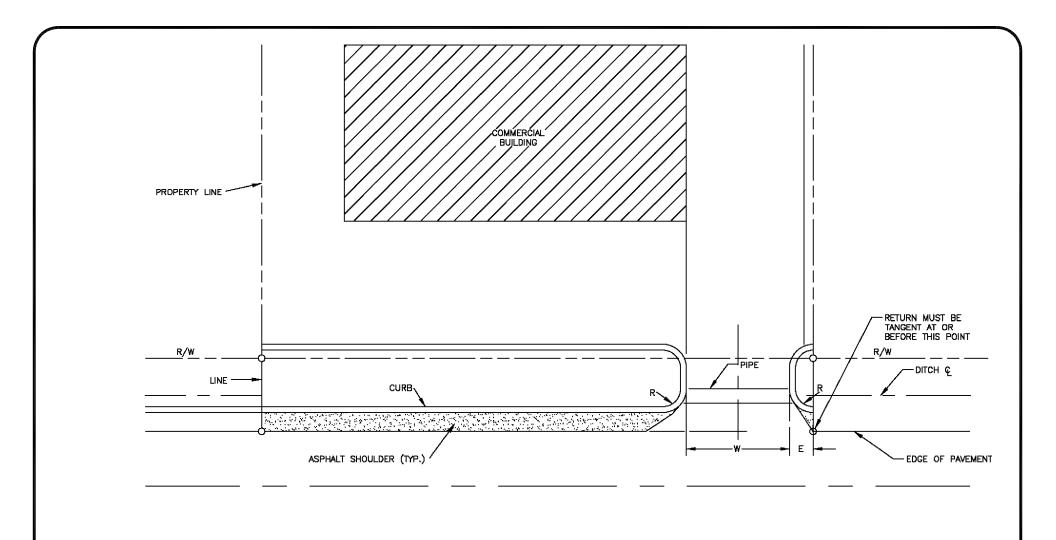
NOT TO SCALE

TOWN OF WILSON'S MILLS, NC DRIVEWAY GRADES

STD. REVISIONS
NO DATE BY COMMENT
4.01







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

TOWN OF WILSON'S MILLS, NC

COMMERCIAL SINGLE DRIVEWAY
DITCH SECTION

STD. 4.04

	REVISIONS			
	9	DATE	BY	COMMENT

