Section 300
Driveway and Other Turnouts

300
DRIVEWAYS AND OTHER TURNOUTS

1. Pavement and Curbing

   The paving standards of Art. 6.A.1.D.14.b(3) apply only to on-site driveway construction outside the limits of the abutting street. Minimum and maximum driveway widths shall comply with the latest version of FDOT Design Standards Index No. 515.

   Curb terminations and transitions shall be in accordance with the latest version of FDOT Design Standards Index No. 300.

2. Commercial Driveways

   Unless otherwise specified herein, or by prior approval from the County Engineer for alternative design, commercial driveways shall be constructed in accordance with the latest version of FDOT Design Standards Index No. 515.

3. Driveway Locations and Spacing

   The following minimum standards shall apply to the location and spacing of street connections for all driveways. Where it is deemed necessary by the County Engineer for traffic safety and operational reasons, the following distances may be increased or decreased as a result of the site specific conditions. The construction of turn lanes and physical barriers, such as medians, may be required by the County Engineer on adjacent streets, after the County Engineer's review of the specific site access proposal.

   a. Corner Lots

      1. Along local streets, driveways to corner lots shall be located to provide a minimum of 35 feet from the intersection of the projection of the right-of-way lines to the near edge of the driveway pavement. On zero lot line corner lots, driveways shall be located a minimum of 25 feet from the intersection of the projection of the right-of-way lines to the near edge of the driveway pavement.

      2. Along local collector (i.e. non-Plan) streets, driveways to corner lots shall be located to provide a minimum of 50 feet from the intersection of the projection of the right-of-way lines to the near edge of the driveway pavement. It is desirable to minimize the number of driveways connection to a collector street. If sole access to a lot is provided from a collector street, the driveway(s) shall be designed such that vehicles only enter the collector street in a forward motion.

      3. Along major collector (i.e. Plan) and arterial streets, driveways to corner lots shall be located in accordance with applicable requirements of "Access Management

Standards for County Roads shown on the Thoroughfare Right-of-Way Identification Map," available from the Traffic Division.

b. Mid-Block Lots

1. Along local streets, driveways serving abutting lots shall be located such that flares or returns are separated by at least 5 feet and within the property frontage unless otherwise approved by the County Engineer.

2. Along local collector street, driveways shall be located such that the near edge of the driveway pavement is at least 15 feet from the shared property line. Flares or returns for the proposed driveways shall be separated from the flares or returns for existing driveways on abutting lots by at least 10 feet.

3. Along major collector and arterial streets, driveways shall be located in accordance with applicable requirements of "Access Management Standards for County Roads Shown on the Thoroughfare Right-of-Way Identification Map," available from the Traffic Division.

4. Driveways serving shopping centers shall be well spaced, and the number of driveways shall be the minimum number practical to serve the site.

4. Driveway Construction

Except for those driveways serving individual single family or duplex residential lots, each driveway shall be classified as one of the following types and constructed in accordance with the following requirements.

Where it is deemed necessary by the County Engineer for traffic safety and operational reasons, the applicable requirements may be increased or decreased as a result of site specific conditions. The construction of physical barriers, such as medians, may be required by the County Engineer on adjacent streets after the County Engineer's review of the specific site access proposal.

a. Minor Driveway

A minor driveway is one that serves an average daily traffic volume of no more than 500 vehicles (trips). The minimum distance from the street right-of-way at any driveway to any interior service drive or parking space shall be 25 feet, measured on a line perpendicular to the street right-of-way or, when appropriate, along the vehicle path. Minor driveways shall provide minimum single lane widths of 12 feet and provide minimum pavement return radii of 20 feet. In cases when minor driveway connections are to be made to curbed streets the connection may be constructed using drop curb instead of radial returns. Minor driveways may have left and right turn lanes and/or median modifications as required by the County Engineer.

b. Intermediate Driveway

An intermediate driveway is one that serves an average daily traffic volume greater than 500 vehicles but not more than 2,000 vehicles (trips). The minimum distance from the street right-of-way at any driveway to any interior service drive or parking space shall be 50 feet, measured on a line perpendicular to the street right-of-way or, when appropriate, along the vehicle path. Intermediate driveways shall provide minimum ingress lanes 12 feet wide and egress lanes 12 feet wide. Where left and right turn egress is allowed, dual egress lanes may be provided and marked appropriately for use as left and right turn lanes. Intermediate driveways shall provide minimum pavement return radii of 30 feet. Intermediate driveways may have left and right turn lanes and/or median modifications as required by the County Engineer.

c. Major Driveway

A major driveway is one that serves an average daily traffic volume in excess of 2,000 vehicles (trips). The minimum distance from the street right-of-way at any driveway to any interior service drive or parking space shall be 100 feet, measured on a line perpendicular to the street right-of-way or, when appropriate, along the vehicle path. Major driveways shall provide minimum ingress lanes of 14 feet wide and egress lanes 12 feet wide. Where left and right turn egress is allowed, dual egress lanes shall be provided and marked appropriately for use as left and right turn lanes. Intermediate driveways shall provide minimum pavement return radii of 40 feet. Major driveways shall have left and right turn lanes and/or median modification as required by the County Engineer.

5. Turn Lane Requirements for Driveways

a. Left Turn Lanes

A 12 foot wide left turn lane with appropriate storage and transitions shall be provided at each driveway where inbound peak hour left turning traffic is 30 vehicles or more. This requirement may be waived when the speed and volume of the opposing traffic is not sufficient to require a left turn lane, as determined by the County Engineer. Alternately, the County Engineer may require a left turn lane in cases with less than 30 left turn vehicles in the peak hour where the mix of vehicles, speeds and/or volumes on the street create a safety hazard.

b. Right Turn Lanes

A 12 foot wide right turn lane with appropriate storage and transition shall be provided at each driveway where the street average daily traffic volumes exceed 10,000 vehicles per day and driveway volume exceeds 1,000 trips per day or 75 right turns inbound in the peak hour. Alternately, the County Engineer may require a right turn lane in cases with less than 75 left turn vehicles in the peak hour where the mix of vehicles, speeds and/or volumes on the street create a safety hazard.

6. Traffic Signalization

   Traffic signalization for driveway entrance(s) when warranted, as determined by the County Engineer, shall be installed at the sole expense of the project's developer.

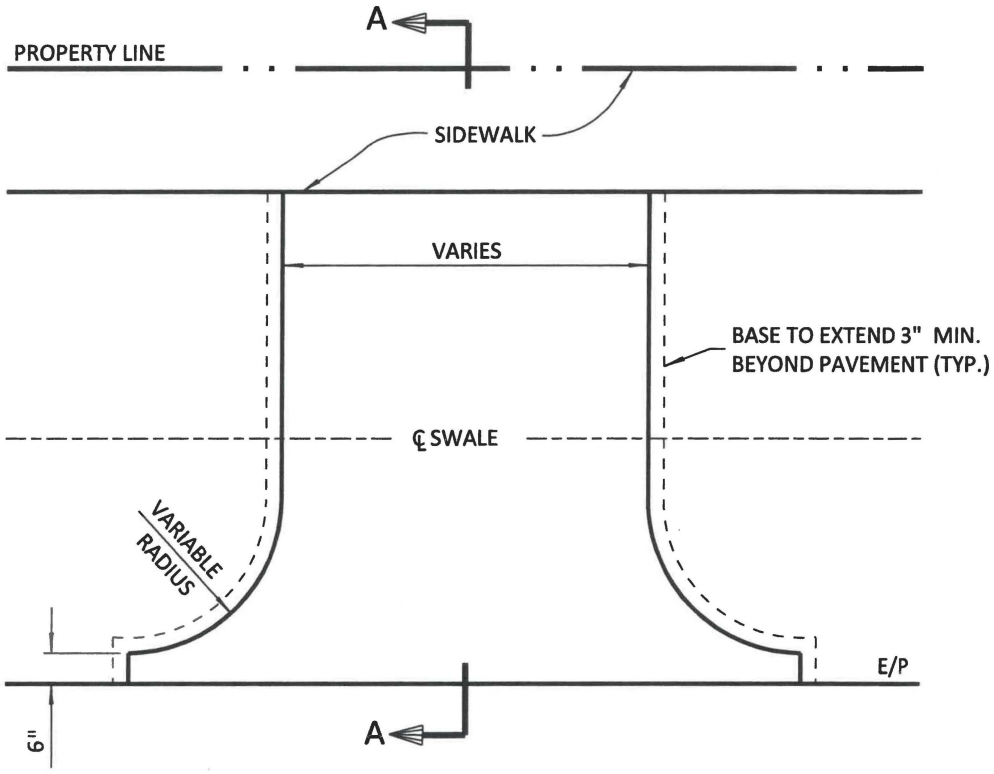
7. Drainage

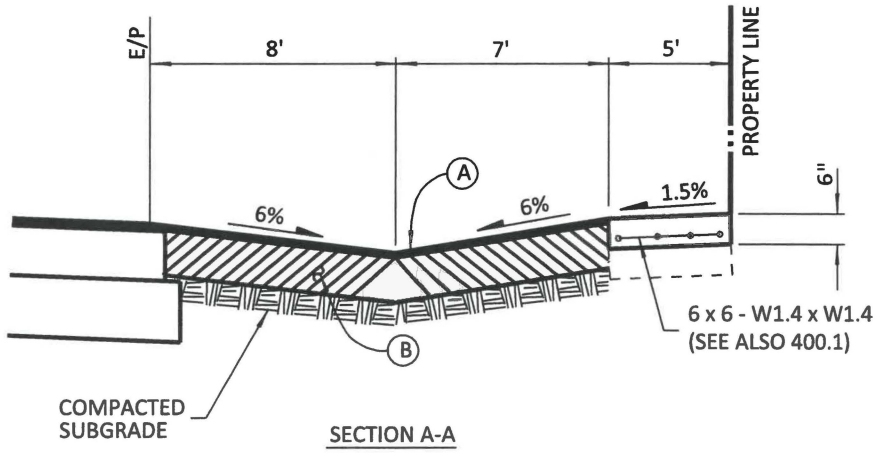
   Perimeter berm elevation shall be maintained across driveway connections and stormwater runoff from the perimeter to the right-of-way shall be minimized. Swale flow in the right-of-way across driveways shall be maintained where appropriate, as determined by the County Engineer.

   An interceptor inlet shall be required where a driveway connection to a curb and gutter roadway section would allow for more than 100 feet of road drainage across the driveway.

   Endwalls shall not be permitted within driveway connections unless approved by the County Engineer.

   Culvert design shall comply with the latest version of FDOT Design Standards Index No. 273.





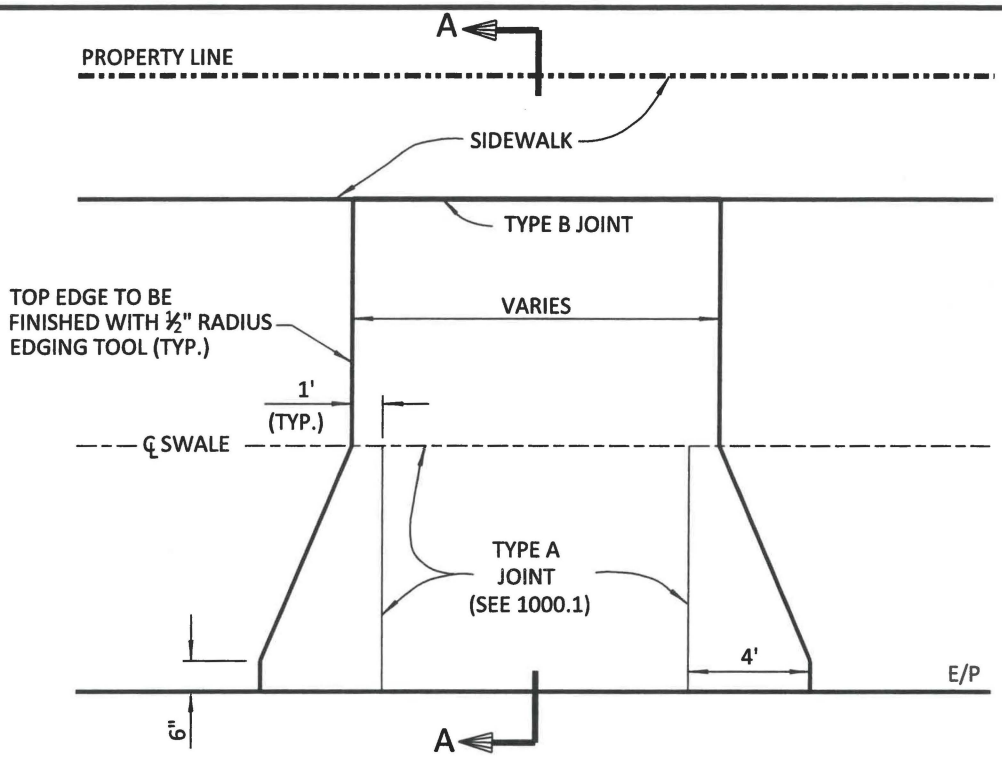
SECTION A-A

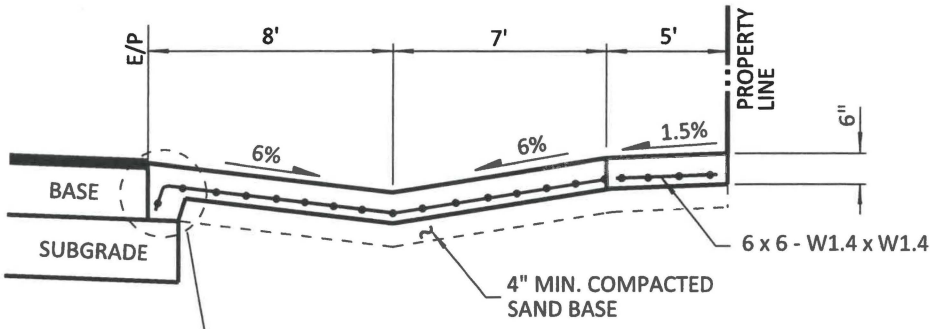
(A) WEARING SURFACE: 1 INCH ASPHALTIC CONCRETE

(B) BASE: SEE TABLE 100.6

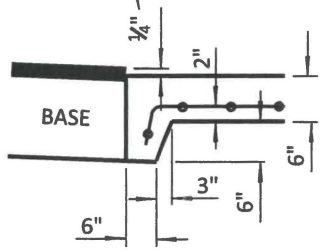
FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/300.1A

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				RESIDENTIAL DRIVEWAY SWALE SECTION (ASPHALT)	TABLE
DRAWN BY:	DATE:	REVISED BY:	DATE:		300.1A
K.L.	05/23/90	J.M.K.	02/01/2018	APPROVED: EFFECTIVE:	
				COUNTY ENGINEER OR DESIGNEE 2/9/18	





SECTION A-A



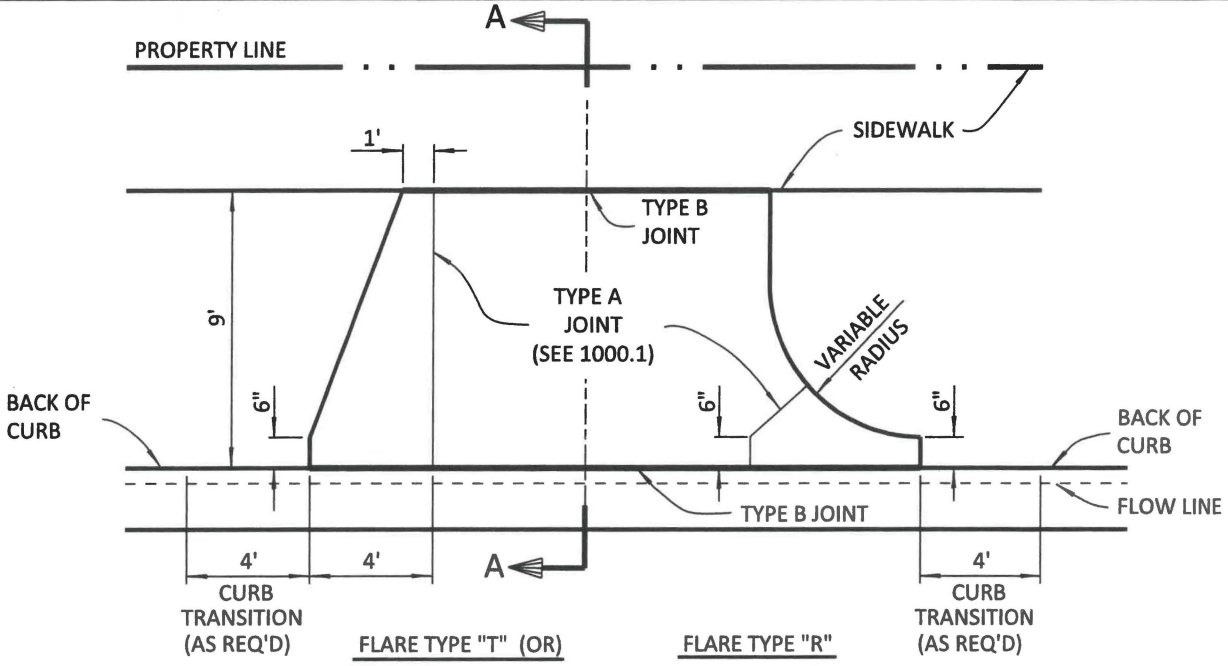
END DETAIL

NOTES:

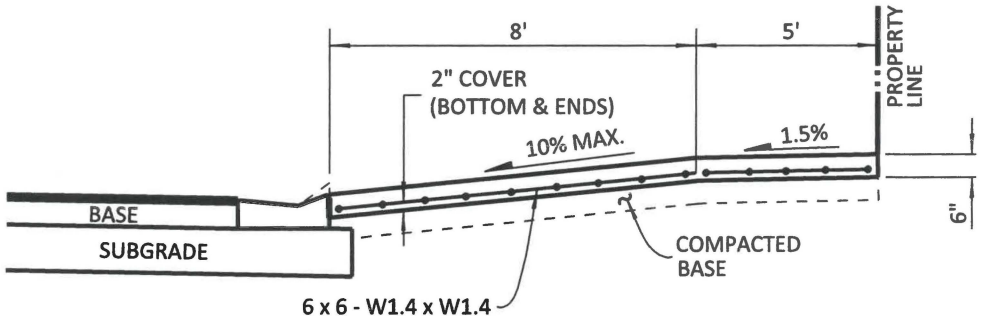
1. DRIVEWAY TO BE PORTLAND CEMENT CONCRETE, MIN. 3000 P.S.I. @ 28 DAYS.
2. BASE TO BE A MINIMUM 4 INCHES OF CLEAN SAND OR SANDY LOAM, FULLY COMPACTED, FULL WIDTH.
3. CONCRETE TO BE BROOM FINISHED WITH EVEN, DUSTLESS SURFACE.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/300.1B

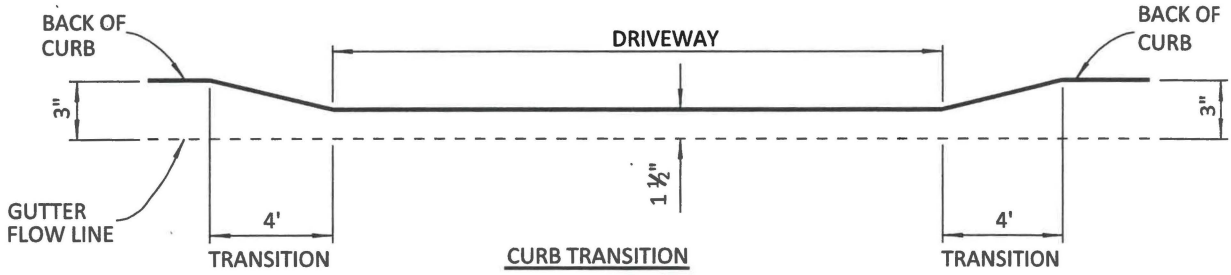
PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				RESIDENTIAL DRIVEWAY SWALE SECTION (CONCRETE)	TABLE
DRAWN BY:	DATE:	REVISED BY:	DATE:		
		J.M.K.	02/01/2018		
K.L.	05/23/90			APPROVED: EFFECTIVE:	300.1B
				COUNTY ENGINEER OR DESIGNEE 2/9/18	



FLARE TYPE "T" (OR) FLARE TYPE "R"



SECTION A-A



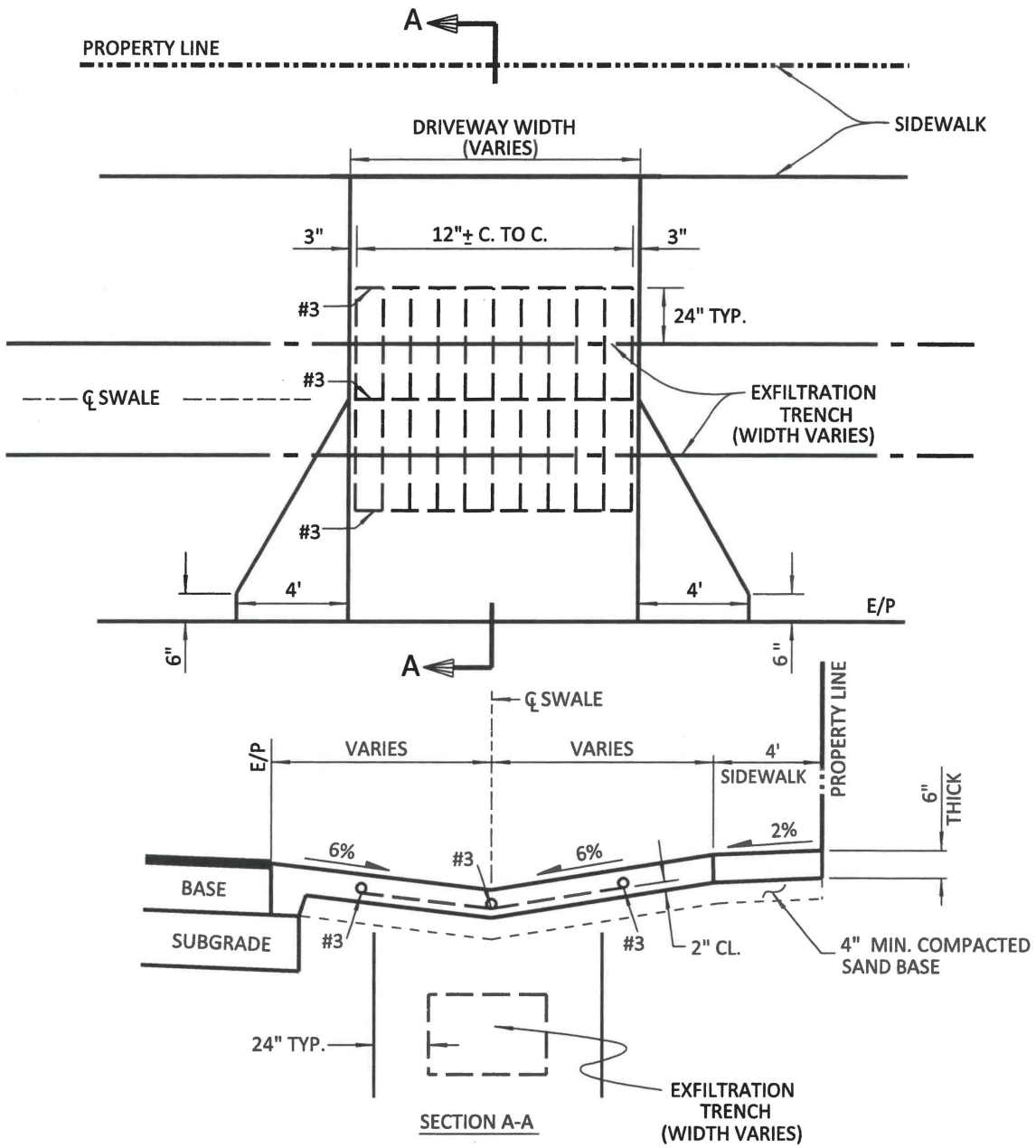
CURB TRANSITION PROFILE

NOTES:

1. DRIVEWAY TO BE PORTLAND CEMENT CONCRETE, MIN. 3000 P.S.I. @ 28 DAYS.
2. BASE TO BE A MINIMUM 4 INCHES OF CLEAN SAND OR SANDY LOAM, FULLY COMPACTED, FULL WIDTH.
3. CONCRETE TO BE BROOM FINISHED WITH EVEN, DUSTLESS SURFACE.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/300.1C

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				RESIDENTIAL DRIVEWAY CURB & GUTTER SECTION (CONCRETE)	TABLE
DRAWN BY:	DATE:	REVISED BY:	DATE:		
K.L.	05/23/90	J.M.K.	02/01/2018	APPROVED: EFFECTIVE:	300.1C
				COUNTY ENGINEER OR DESIGNEE 2/9/18	

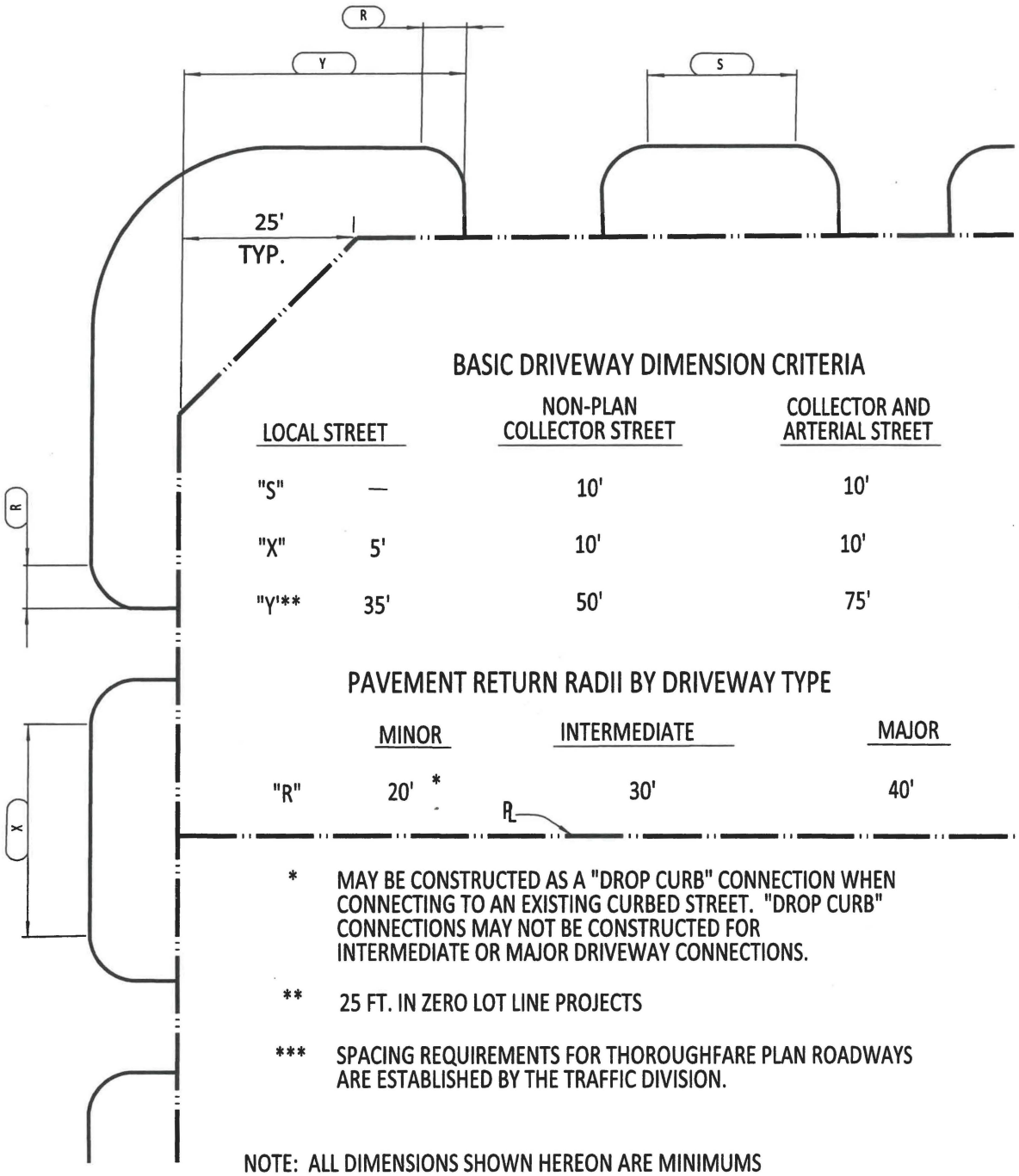


NOTES:

1. DRIVEWAY TO BE PORTLAND CEMENT CONCRETE, MIN. 3000 P.S.I. @ 28 DAYS.
2. BASE TO BE A MINIMUM 4 INCHES OF CLEAN SAND OR SANDY LOAM, FULLY COMPACTED, FULL WIDTH.
3. CONCRETE TO BE BROOM FINISHED WITH EVEN, DUSTLESS SURFACE.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/300.1D

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				CONCRETE DRIVEWAY WITH EXFILTRATION TRENCH	TABLE
DRAWN BY:	DATE:	REVISED BY:	DATE:		300.1D
K.A.L.	10/04/04	J.M.K.	02/01/2018	APPROVED: Hal McDonnell 2/9/18 COUNTY ENGINEER OR DESIGNEE	EFFECTIVE:



BASIC DRIVEWAY DIMENSION CRITERIA

	LOCAL STREET	NON-PLAN COLLECTOR STREET	COLLECTOR AND ARTERIAL STREET	***
"S"	—	10'	10'	
"X"	5'	10'	10'	
"Y"**	35'	50'	75'	***

PAVEMENT RETURN RADII BY DRIVEWAY TYPE

	MINOR	INTERMEDIATE	MAJOR
"R"	20' *	30'	40'

* MAY BE CONSTRUCTED AS A "DROP CURB" CONNECTION WHEN CONNECTING TO AN EXISTING CURBED STREET. "DROP CURB" CONNECTIONS MAY NOT BE CONSTRUCTED FOR INTERMEDIATE OR MAJOR DRIVEWAY CONNECTIONS.

** 25 FT. IN ZERO LOT LINE PROJECTS

*** SPACING REQUIREMENTS FOR THOROUGHFARE PLAN ROADWAYS ARE ESTABLISHED BY THE TRAFFIC DIVISION.

NOTE: ALL DIMENSIONS SHOWN HEREON ARE MINIMUMS

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/300.2

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				DRIVEWAY CRITERIA	DRAWING NO.
DRAWN BY:	DATE:	REVISED BY:	DATE:		
K.L.	02/19/93	J.M.K.	02/01/2018	APPROVED: EFFECTIVE:	300.2
				COUNTY ENGINEER OR DESIGNEE 2/9/18	