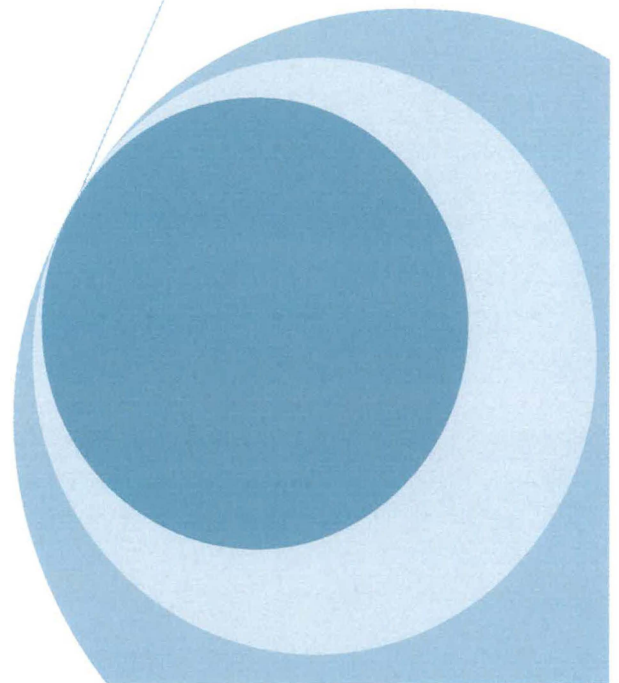
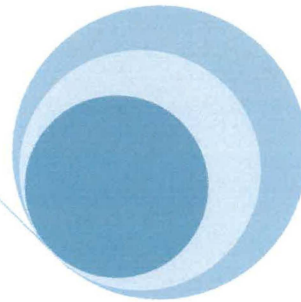
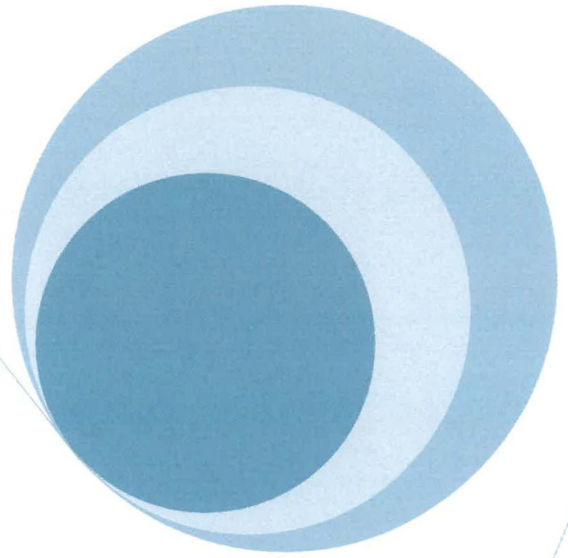




# **Section 100 Street Sections**



## 100 STREET SECTIONS

### 1. General Design Considerations

All street design shall be in accordance with the Palm Beach County Unified Land Development Code. See particularly Article 11.E.2.A.

### 2. Construction in Muck or Clay Areas [ref. Article 11.E.2.A.5]

When streets or alleys are to be constructed in muck areas, the muck or peat shall be completely removed from the centerline ten (10) feet beyond the edge of the pavement on each side. When gumbo or other plastic clays are encountered, they shall be removed within the roadway area one foot below the subgrade extending horizontally to the outside edge of the shoulder area. The design of streets proposed in excessive muck area shall be considered on an individual basis.

### 3. Dead-End Streets [ref. Article 11.E.2.A.14]

#### a. Non-plan Collector Streets

Turnaround design for a temporary dead-end shall comply with the "T" turnaround standard as shown in Drawing 100.8. Turnaround for a permanent dead-end shall comply with the Cul-de-sac standard as shown in Drawing 100.10.

#### b. Local Streets

Turnaround design for a permanent dead-end shall comply with the Cul-de-sac standard as shown in Drawing 100.5A or 100.5B. Turnaround design for a temporary dead-end shall comply with the "T" turnaround standard as shown in Drawing 100.5E or 100.5F.

#### c. Residential Access Streets

Special turnaround designs for permanent dead-ends on residential access streets are provided to accommodate clustering of units and encourage efficient land use. Dead-ends may be designed with a Shunt Turnaround (Drawing 100.6C) or Wye Turnaround (Drawing 100.5D). Residential access street dead-ends may also be designed with a standard cul-de-sac, adapted from either Drawing 100.5A or 100.5B, or standard "T" turnaround, adapted from either Drawing 100.5E or 100.5F.

### 4. Sodding of Stabilized Shoulders [ref. Article 11.E.2.A.16]

In streets to be maintained by the County, the developer shall sod with bahia grass in areas which do not abut either a residential lot or a common area planned for building construction.

5. Street Grades [ref. Article 11.E.2.A.17 and 11.E.4.E.2 & 3]

Street grades shall be shown on the construction plans by the direction and percent of fall, along with the centerline lineal distance between and elevation of each PVI.

Longitudinal grading for swale sections and for curb and gutter sections shall be a minimum of 0.30%.

6. Swales

Longitudinal grading for swales shall be a minimum of 0.30%.

7. Alignment, Tangent, Deflection, Radii [Article 11.E.2.A.21]

a. Horizontal Curves

The minimum allowable radius for horizontal curves on residential access streets, local streets and non-plan collector streets shall be determined in accordance with Greenbook Fig. 3-2A, based upon a design speed of twenty (20) m.p.h. for a residential access street, thirty (30) m.p.h. for a local street and forty-five (45) m.p.h. for a non-plan collector street, or as approved by the County Engineer.

b. All required lines of sight shall be accommodated wholly within the limits of the street right-of-way or tract, as applicable. Line of sight shall be measured from points along the center of the travel lane to points along the centerline of pavement, in the direction of travel.

c. Streets shall be laid out to intersect as nearly as possible at right angles.

d. The same design speeds shown in 7.a. shall be used for other roadways design elements such as clear zone.

8. Landscaping of Medians on Public Streets [ref. Article 11.E.2.A.23]

When the developer proposes or is required to install landscaping within streets to be maintained by the County, the landscaping shall be installed in accordance with approved plans prior to acknowledgment of completion and acceptance of the street for County maintenance. As a condition of landscape plan approval, the developer shall be required to execute a maintenance-and-hold-harmless agreement and may be required to record said agreement in the public records. Alternately, the developer may include language for maintenance of the landscape on public streets within the property owner's documents, if applicable and as approved by the County Engineer.

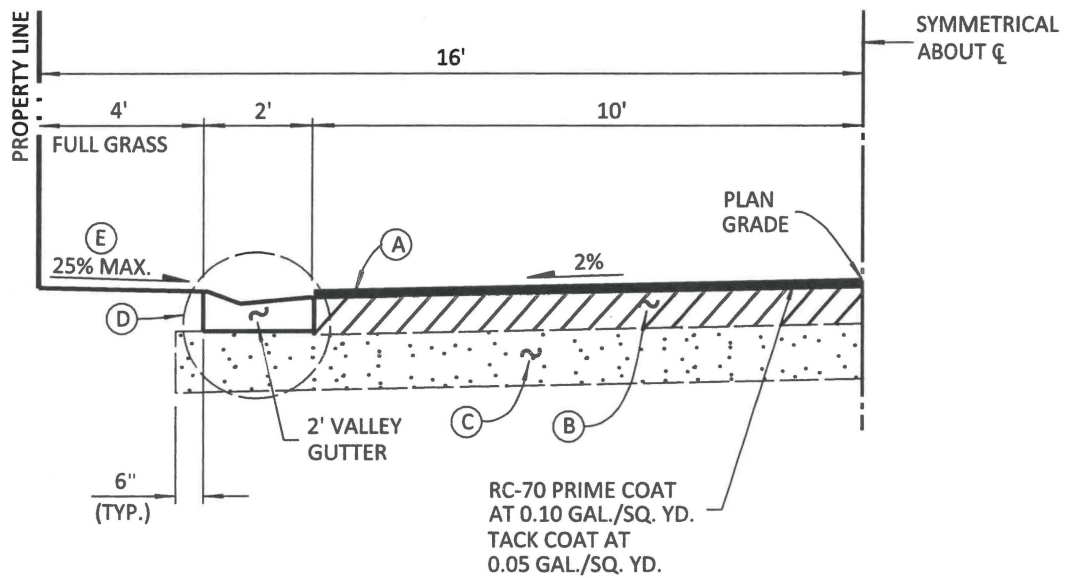
## 9. Paver Installation

### a. Thoroughfare Roadways

A municipality may submit a right-of-way permit application to the Land Development Division for the installation of paver stones on a roadway identified on the County's thoroughfare plan. The application shall include a Paver Installation and Maintenance Agreement and must comply with the standard details included in this section, unless otherwise approved by the County Engineer.

### b. Local Roadways

A property owner may submit an executed Palm Beach County Removal Agreement to the Land Development Division for the installation of paver stones for a driveway on a local roadway. Land Development staff will determine whether a right-of-way permit is also necessary to allow the pavers.

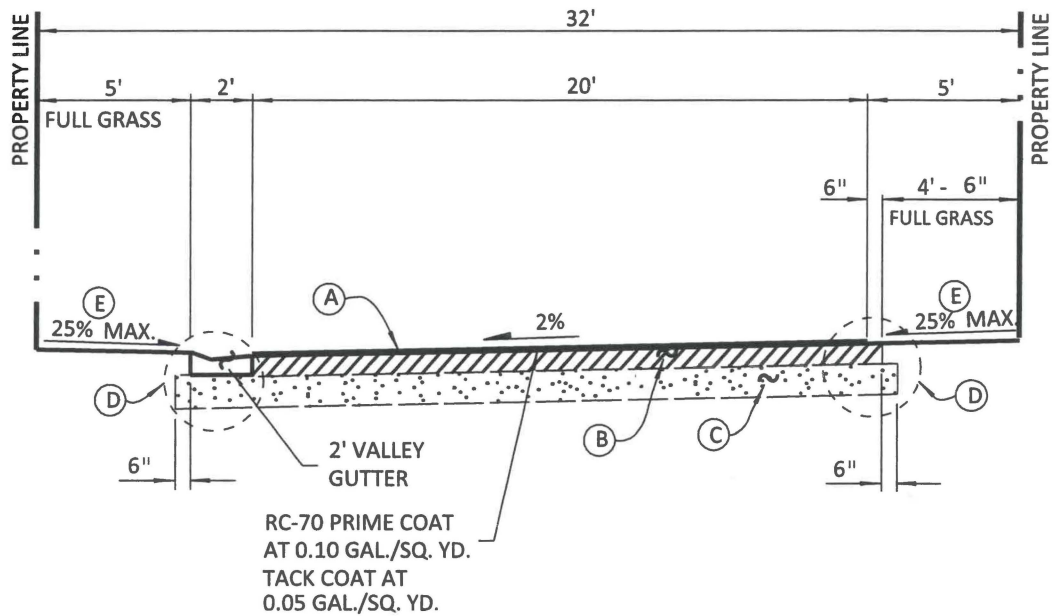


- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) PAVEMENT EDGE: SEE 600.5A
- (E) NOT TO EXCEED 10% IN LOT ACCESS & DRIVEWAY AREAS.

**NOTE:** THIS SECTION TO BE USED FOR PRIVATE STREETS ONLY AND MAY BE USED FOR ACCESS FOR UP TO A MAXIMUM OF FOUR LOTS

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.1A

<b>PALM BEACH COUNTY DEPARTMENT OF ENGINEERING &amp; PUBLIC WORKS</b>				<b>32 FT. RESIDENTIAL ACCESS STREET : CROWN</b>		DRAWING NO.  <b>100.1A</b>	
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:		
K.L.	05/23/90	J.M.K.	02/01/2018	<i>Theresa Cornell</i> COUNTY ENGINEER OR DESIGNEE	2/9/18		

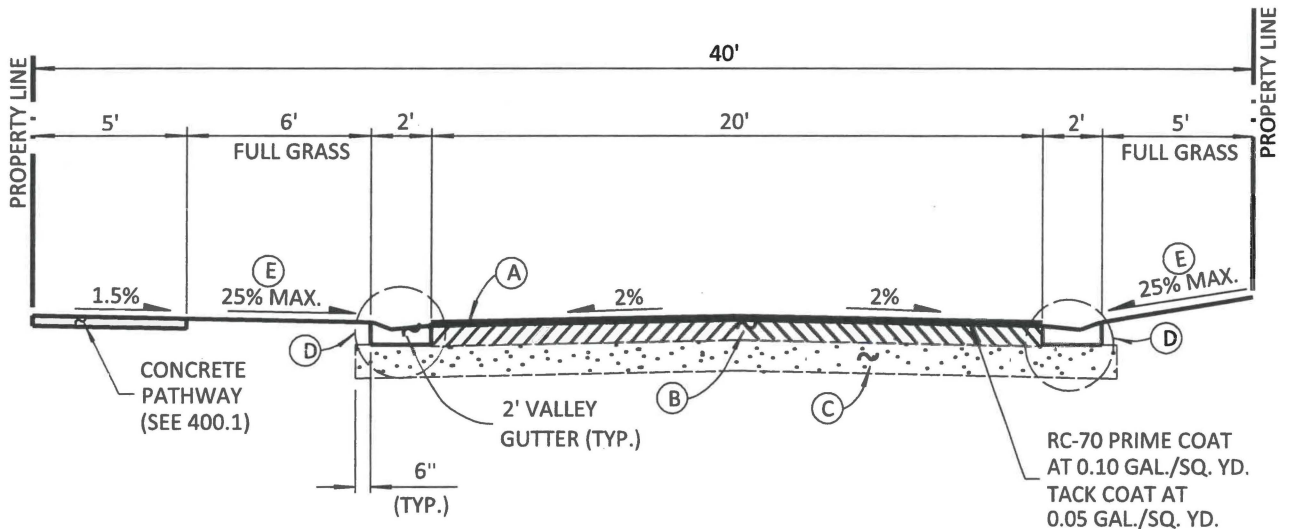


- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) PAVEMENT EDGE: SEE 600.5A
- (E) NOT TO EXCEED 10% IN LOT ACCESS & DRIVEWAY AREAS.

**NOTE:** THIS SECTION TO BE USED FOR PRIVATE STREETS ONLY AND MAY BE USED FOR ACCESS FOR UP TO A MAXIMUM OF FOUR LOTS

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.1B


PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				32 FT. RESIDENTIAL ACCESS STREET: TRANSVERSE SLOPE		DRAWING NO.	
						100.1B	
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:		
K.L.	05/23/90	J.M.K	02/01/2018	<i>Alvin Connell</i>	2/19/18		
				COUNTY ENGINEER OR DESIGNEE			

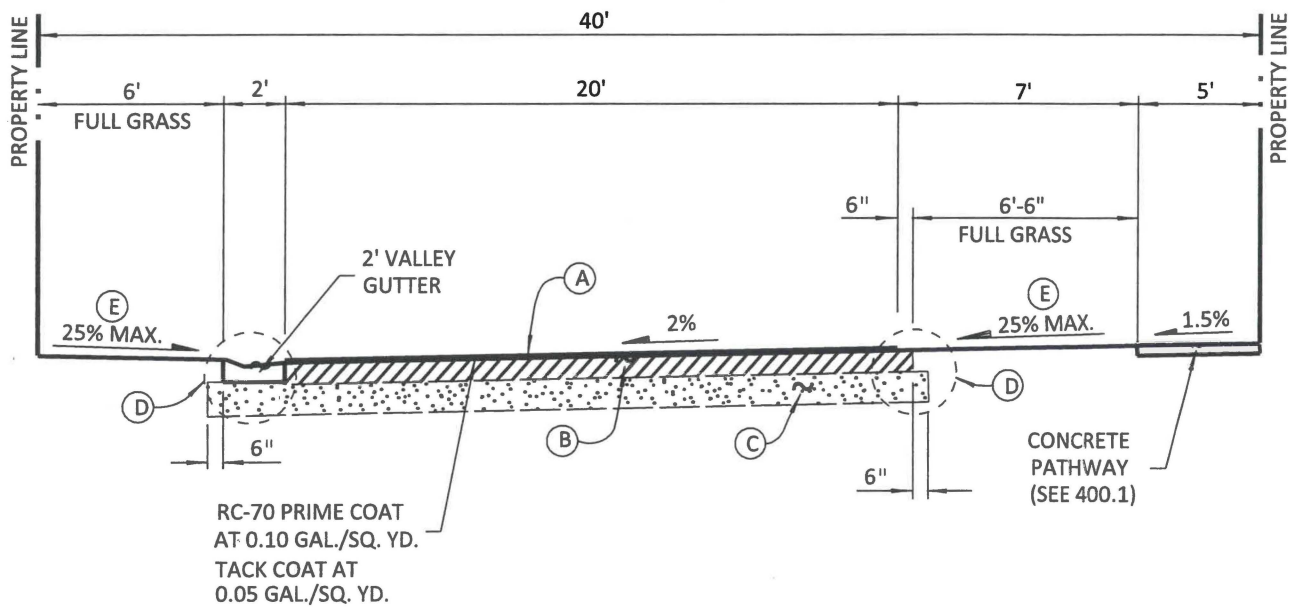


- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) PAVEMENT EDGE: SEE 600.5A
- (E) NOT TO EXCEED 10% IN LOT ACCESS & DRIVEWAY AREAS.

NOTE: THIS SECTION TO BE USED FOR PRIVATE STREETS ONLY.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.2A

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				40 FT. RESIDENTIAL ACCESS STREET : CROWN		DRAWING NO.  100.2A
DRAWN BY:  K.L.	DATE:  05/23/90	REVISED BY: J.M.K.	DATE: 02/01/2018	APPROVED:	EFFECTIVE:	
				 COUNTY ENGINEER OR DESIGNEE		2/19/18



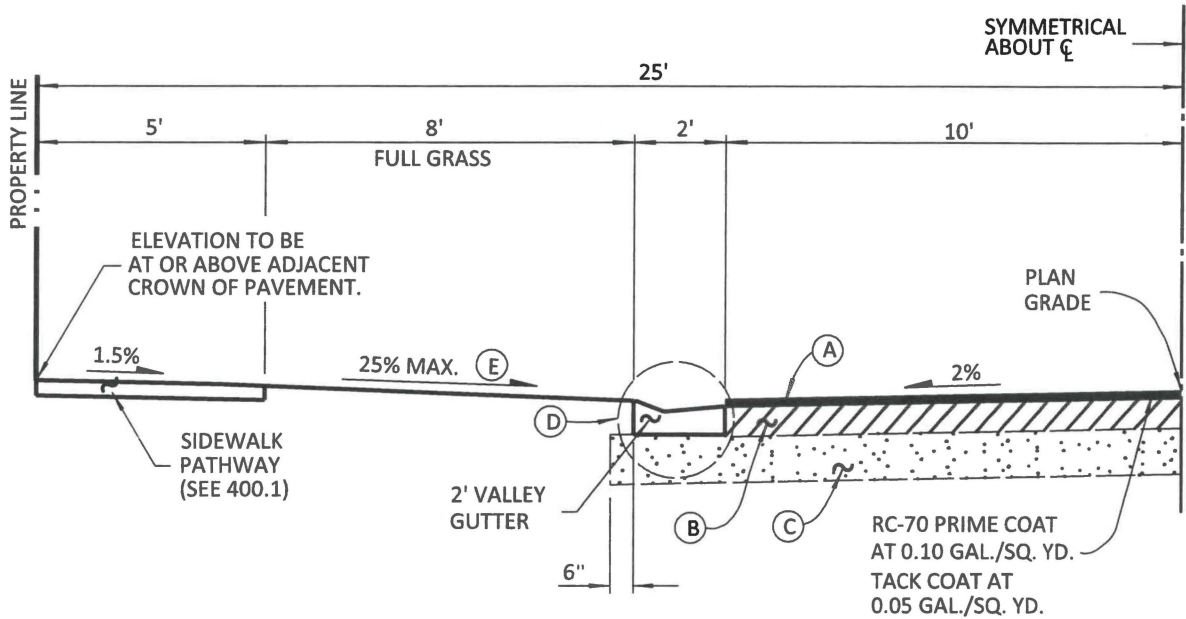
- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) PAVEMENT EDGE: SEE 600.5A
- (E) NOT TO EXCEED 10% IN LOT ACCESS & DRIVEWAY AREAS.

NOTE: THIS SECTION TO BE USED FOR PRIVATE STREETS ONLY.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.2B

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				40 FT. RESIDENTIAL ACCESS STREET: TRANSVERSE SLOPE		DRAWING NO. 100.2B
DRAWN BY: K.L.	DATE: 05/23/90	REVISED BY: J.M.K.	DATE: 02/01/2018	APPROVED: <i>Paul Cornell</i> COUNTY ENGINEER OR DESIGNEE	EFFECTIVE: 2/9/18	

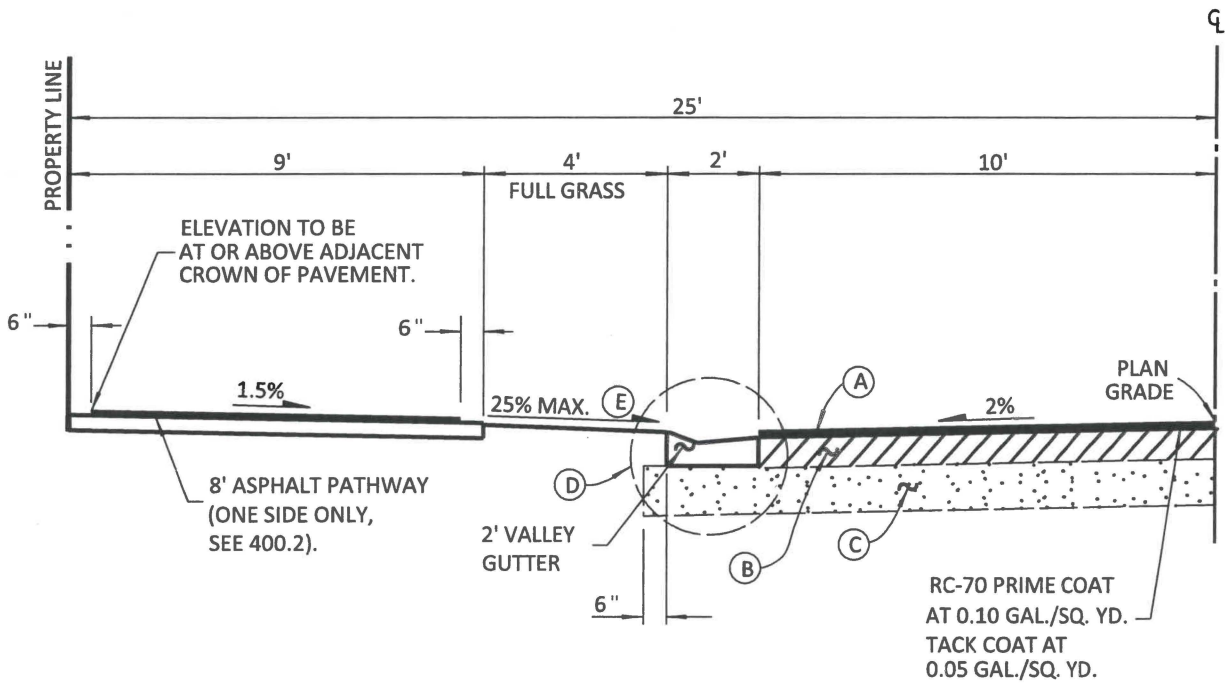




- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) SHOULDER AND PAVEMENT EDGE: SEE 600.5A
- (E) NOT TO EXCEED 10% IN LOT ACCESS & DRIVEWAY AREAS.


FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.3A

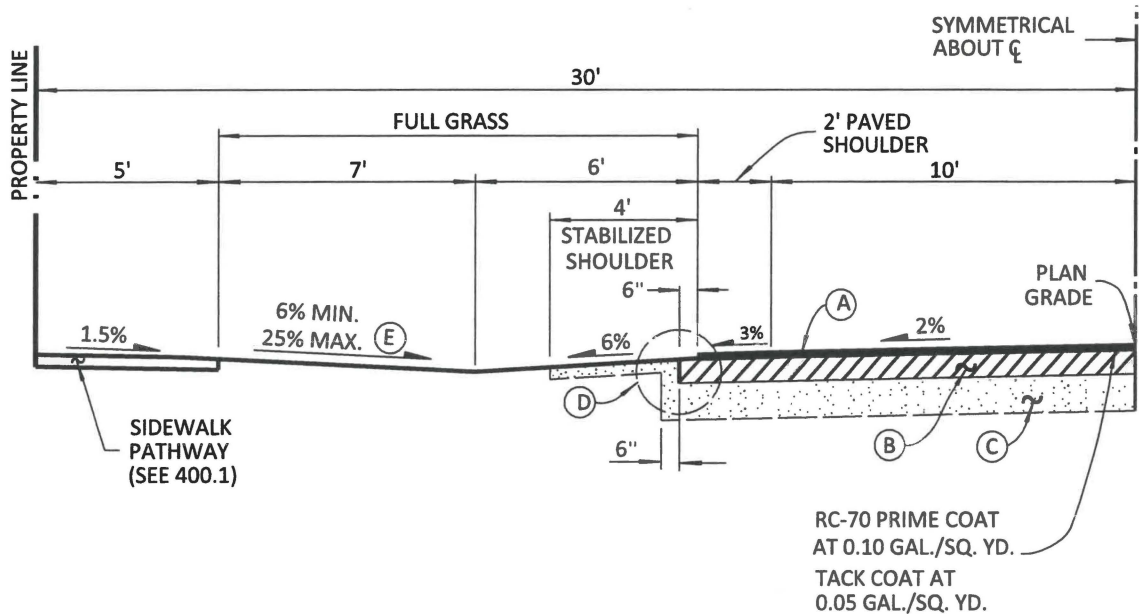
PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				50 FT. LOCAL STREET: SIDEWALK PATHWAY		DRAWING NO.  100.3A



- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) SHOULDER AND PAVEMENT EDGE: SEE 600.5A
- (E) NOT TO EXCEED 10% IN LOT ACCESS & DRIVEWAY AREAS.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.3B

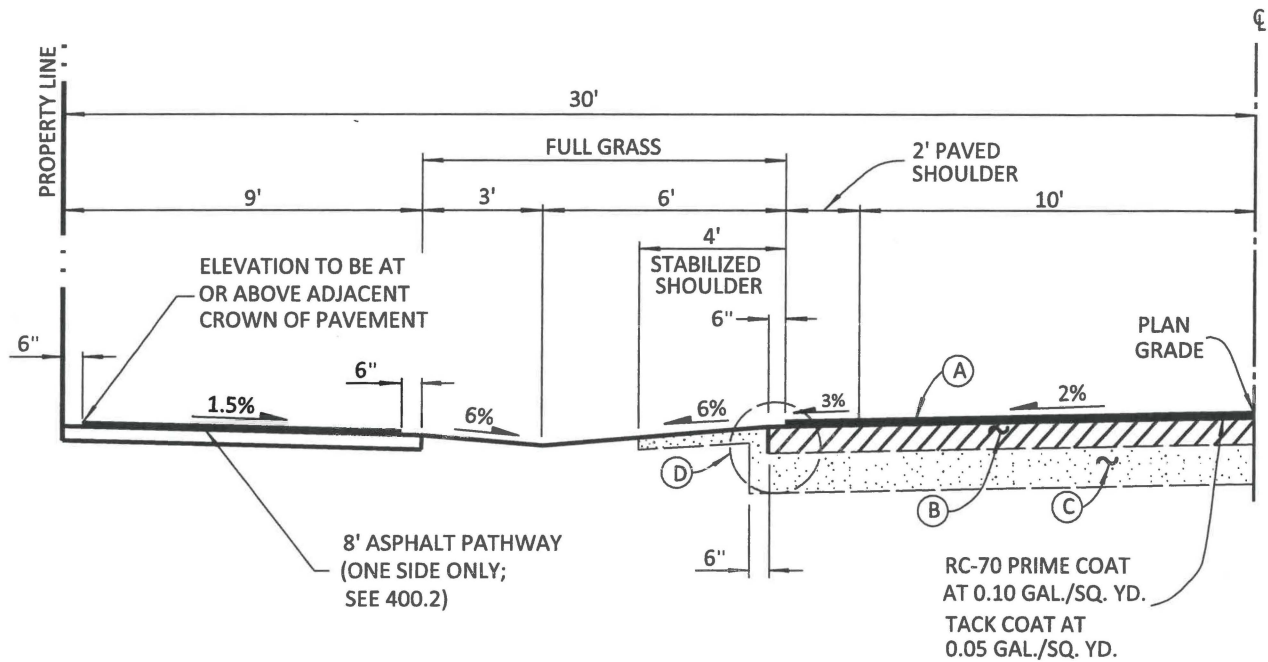
<b>PALM BEACH COUNTY DEPARTMENT OF ENGINEERING &amp; PUBLIC WORKS</b>				<b>50 FT. LOCAL STREET: ASPHALT PATHWAY</b>		DRAWING NO.  <b>100.3B</b>
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	05/23/90	J.M.K.	02/01/2018	 COUNTY ENGINEER OR DESIGNEE	2/9/18	



- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) SHOULDER AND PAVEMENT EDGE: SEE 600.5A
- (E) NOT TO EXCEED 8% IN LOT ACCESS & DRIVEWAY AREAS.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.4A

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				60 FT. LOCAL STREET: SIDEWALK PATHWAY		DRAWING NO.  100.4A

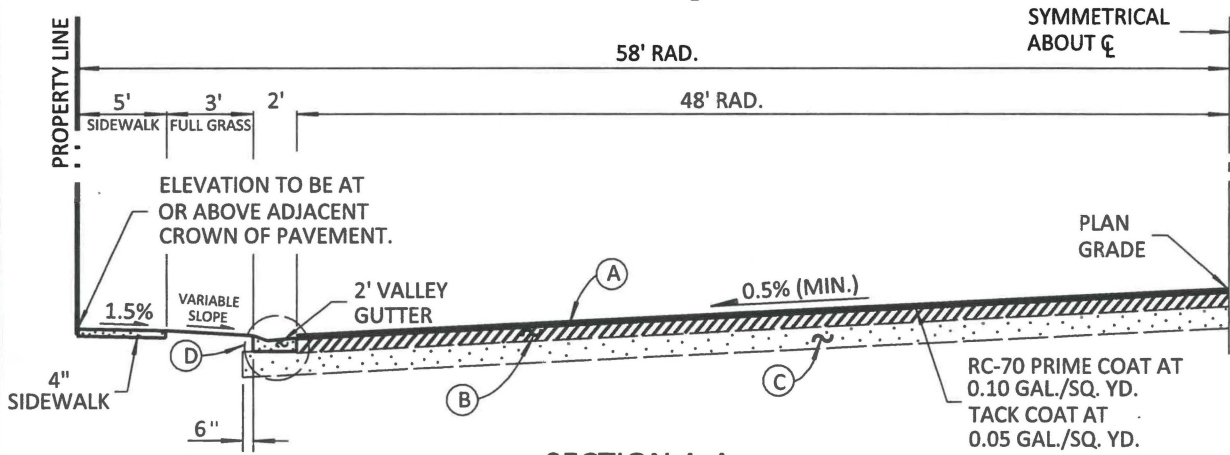
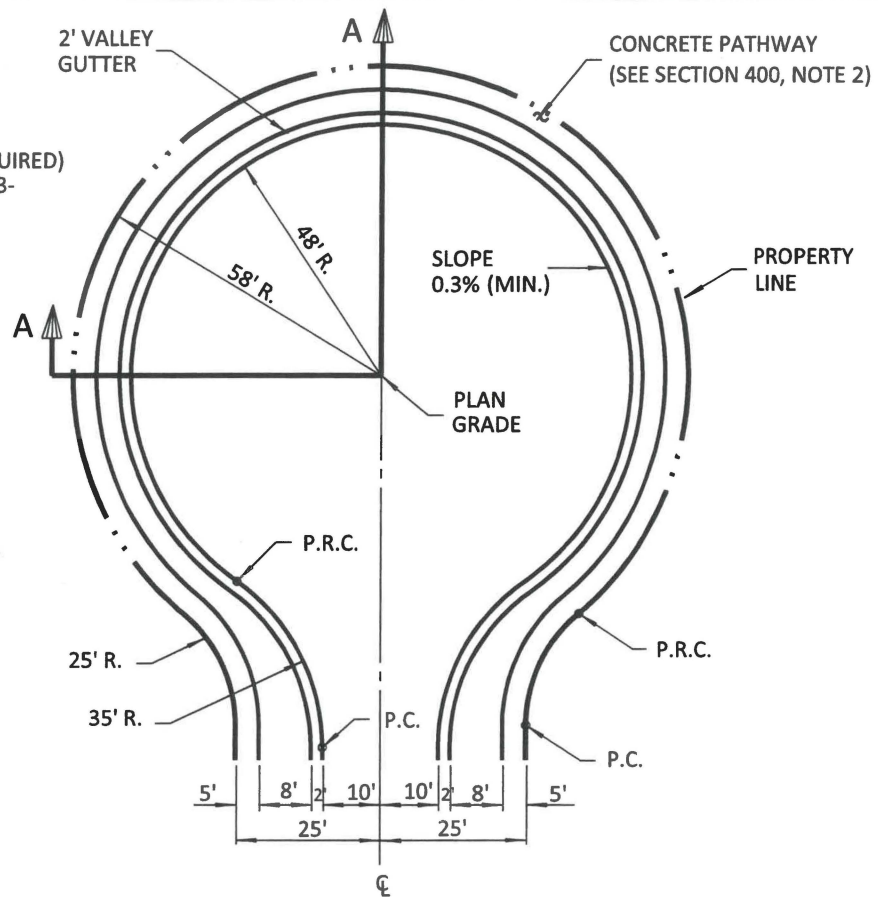


- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) SHOULDER AND PAVEMENT EDGE: SEE 600.5A
- (E) NOT TO EXCEED 8% IN LOT ACCESS & DRIVEWAY AREAS.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.4B

<b>PALM BEACH COUNTY DEPARTMENT OF ENGINEERING &amp; PUBLIC WORKS</b>				<b>60 FT. LOCAL STREET: ASPHALT PATHWAY</b>		DRAWING NO.	
						100.4B	
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:		
K.L.	05/23/90	J.M.K.	02/01/2018	<i>Handwritten Signature</i>	2/19/18		
				COUNTY ENGINEER OR DESIGNEE			

NOTE: FOR LANDSCAPE ISLAND (WHERE REQUIRED) SEE DWG. NO. 1000.3-DETAIL 2.

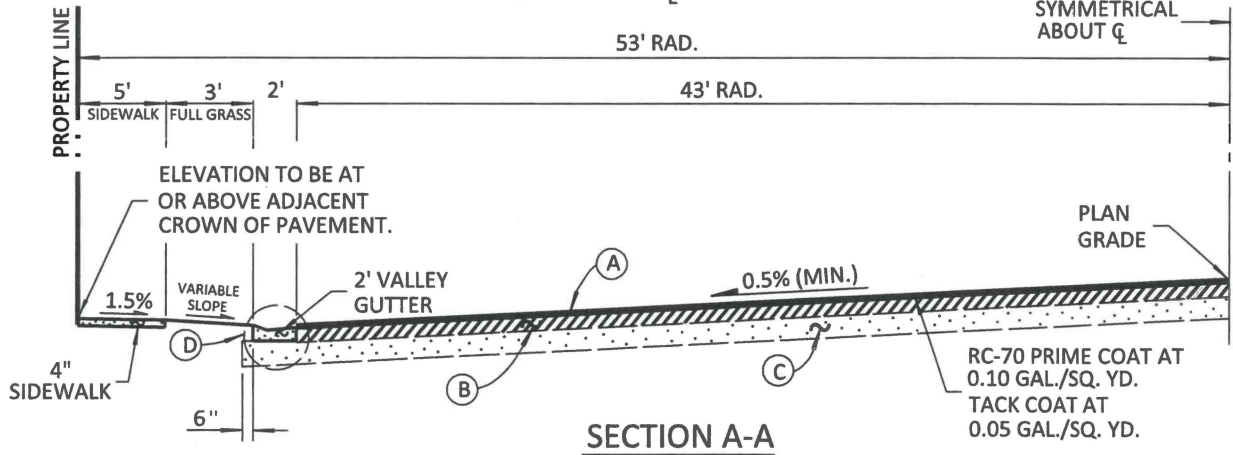
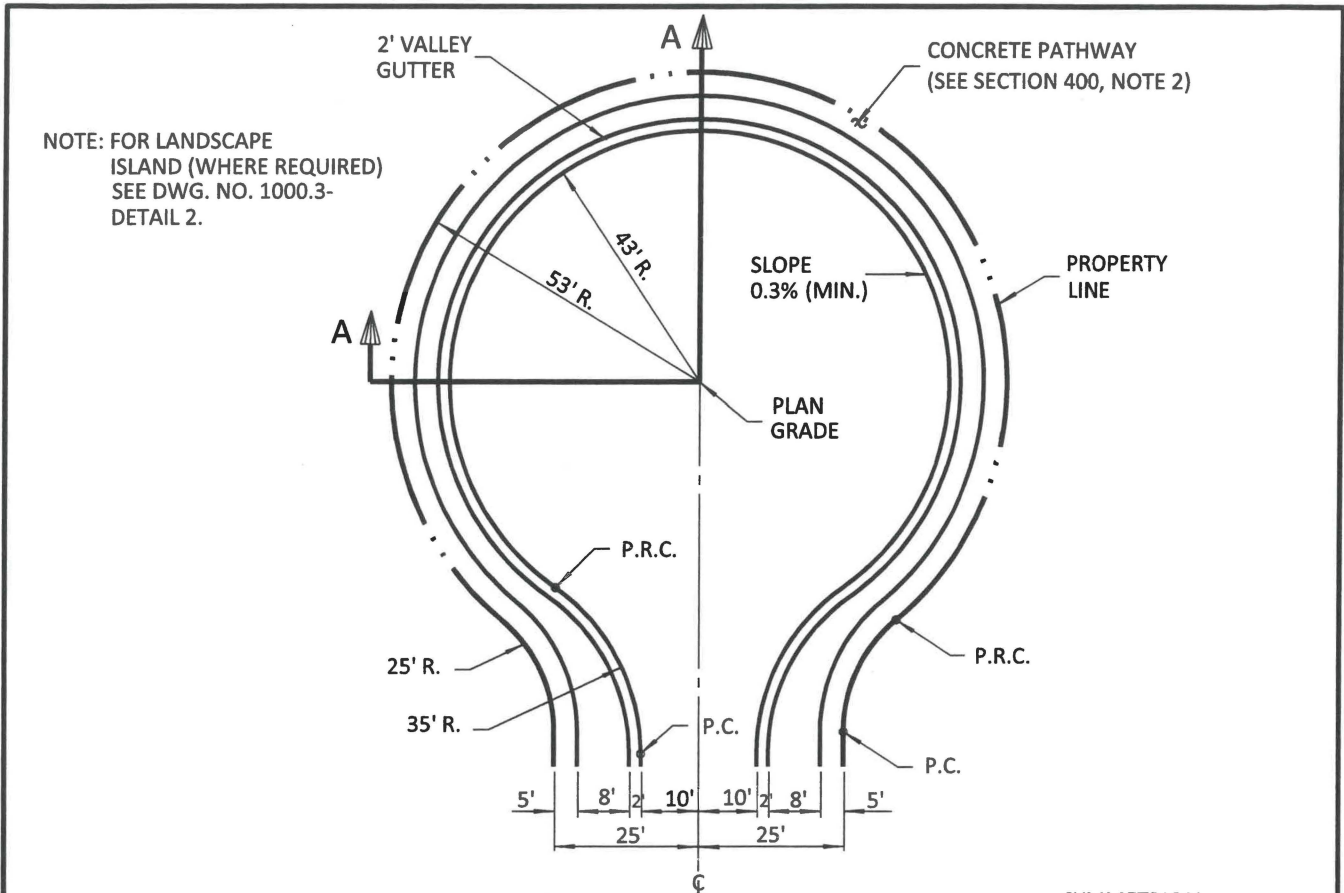


**SECTION A-A**

- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) SHOULDER AND PAVEMENT EDGE: SEE 600.5A

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.5A (Page 1 of 2)

<b>PALM BEACH COUNTY DEPARTMENT OF ENGINEERING &amp; PUBLIC WORKS</b>				<b>CUL-DE-SAC FOR 50 FT. LOCAL STREET</b>		DRAWING NO.  <b>100.5A</b> (PAGE 1 OF 2)
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:		EFFECTIVE:
K.A.L.	02/25/04	J.M.K.	02/01/2018			2/19/18
				COUNTY ENGINEER OR DESIGNEE		



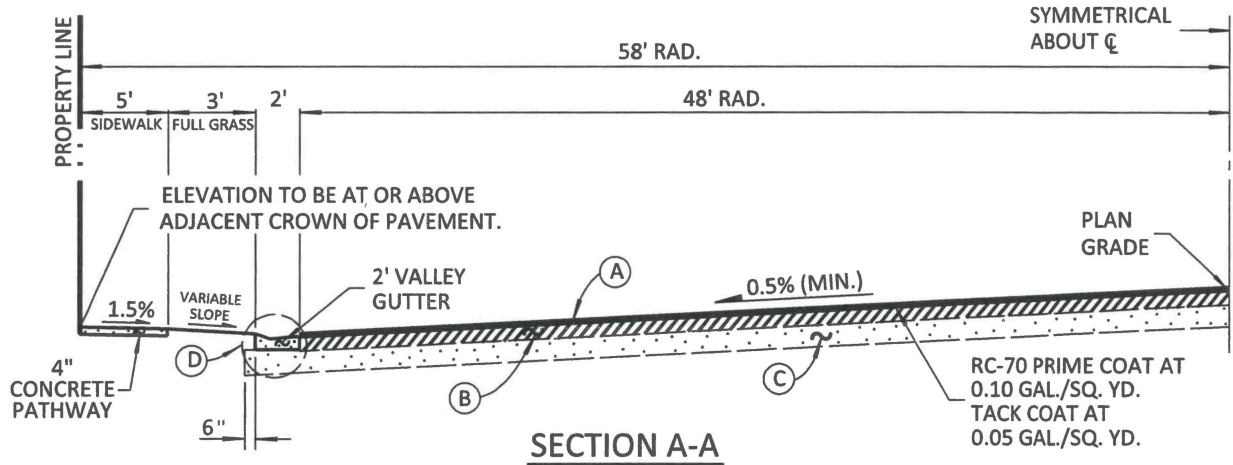
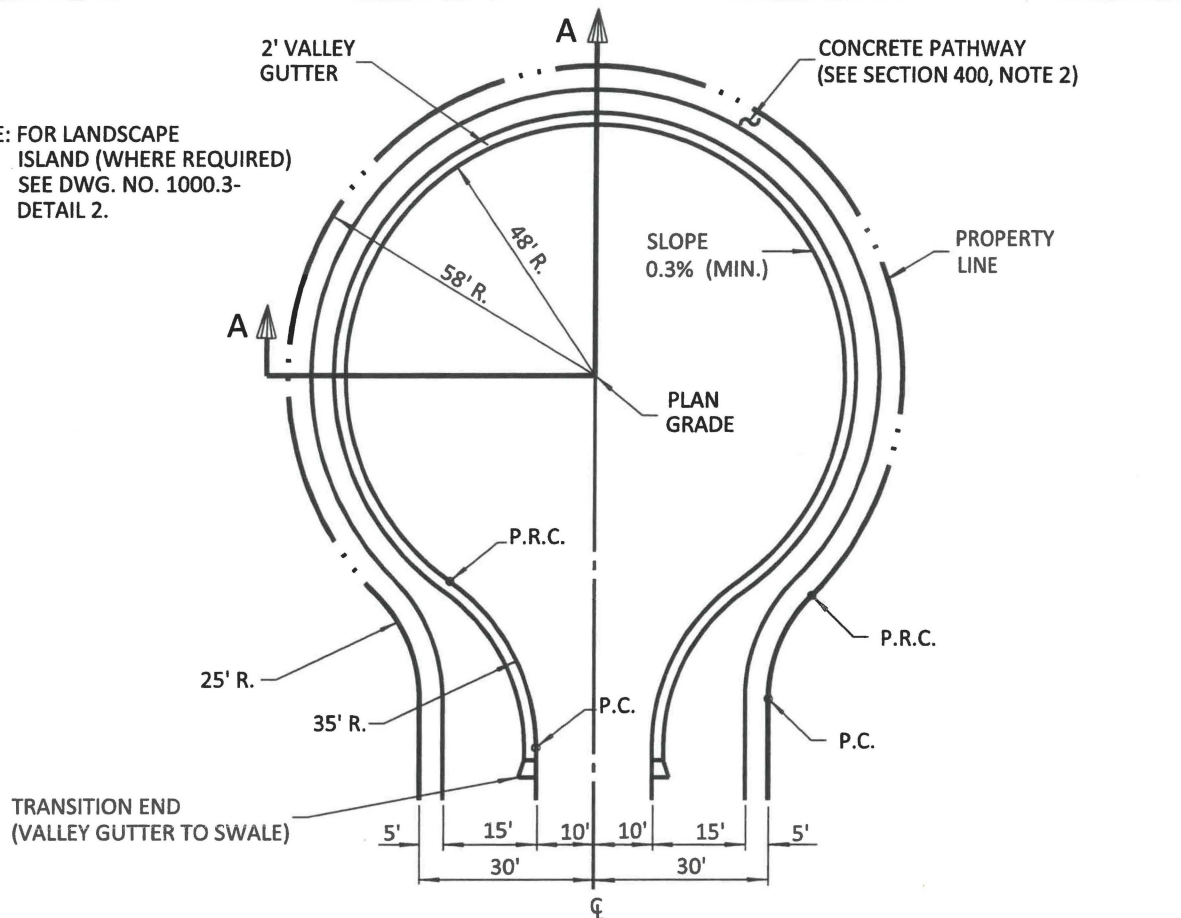
NOTE : THIS SECTION MAY BE USED ONLY FOR DEAD END STREETS WITH A TOTAL LENGTH NOT EXCEEDING 150 FT. FROM EDGE OF PAVEMENT OF THE INTERSECTING STREET TO CENTER OF CUL-DE-SAC, AND REQUIRES PRIOR APPROVAL FROM P.B.C. FIRE OFFICIAL.

- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) SHOULDER AND PAVEMENT EDGE: SEE 600.5A

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.5A (Page 2 of 2)

<b>PALM BEACH COUNTY DEPARTMENT OF ENGINEERING &amp; PUBLIC WORKS</b>				<b>CUL-DE-SAC FOR 50 FT. LOCAL STREET (LENGTH OF 150 FT. OR LESS)</b>		DRAWING NO. <b>100.5A</b> (PAGE 2 OF 2)
DRAWN BY: K.A.L.	DATE: 2/25/04	REVISED BY: J.M.K.	DATE: 02/01/2018	APPROVED: <i>[Signature]</i> COUNTY ENGINEER OR DESIGNEE	EFFECTIVE: 2/19/08	

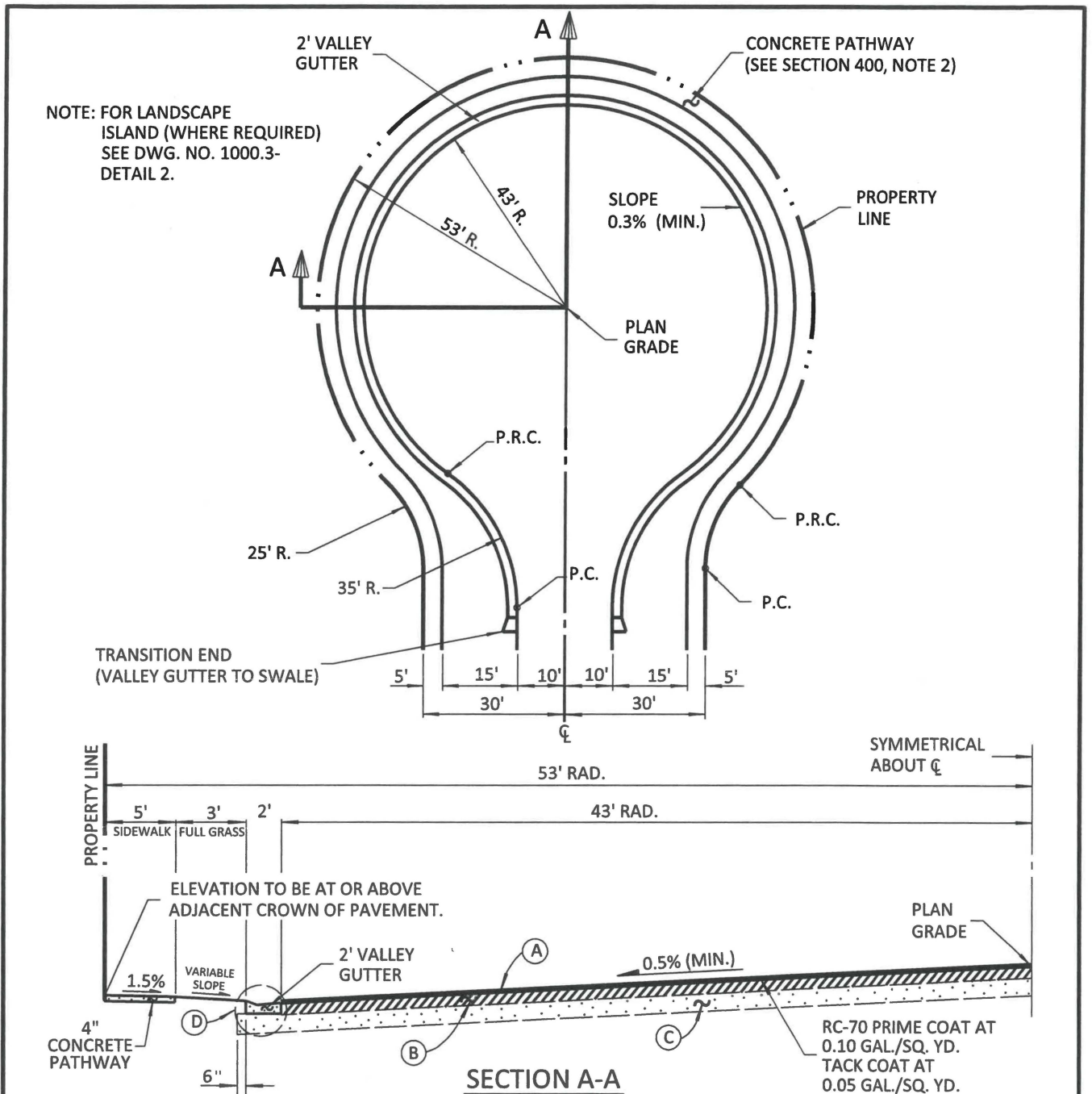
NOTE: FOR LANDSCAPE ISLAND (WHERE REQUIRED) SEE DWG. NO. 1000.3-DETAIL 2.



- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) SHOULDER AND PAVEMENT EDGE: SEE 600.5A

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.5B (Page 1 of 2)

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				CUL-DE-SAC FOR 60 FT. LOCAL STREET		DRAWING NO.  100.5B (PAGE 1 OF 2)
DRAWN BY: K.A.L.	DATE: 02/23/04	REVISED BY: J.M.K.	DATE: 02/01/2018	APPROVED: <i>J. McDonnell</i> COUNTY ENGINEER OR DESIGNEE	EFFECTIVE: 2/19/18	



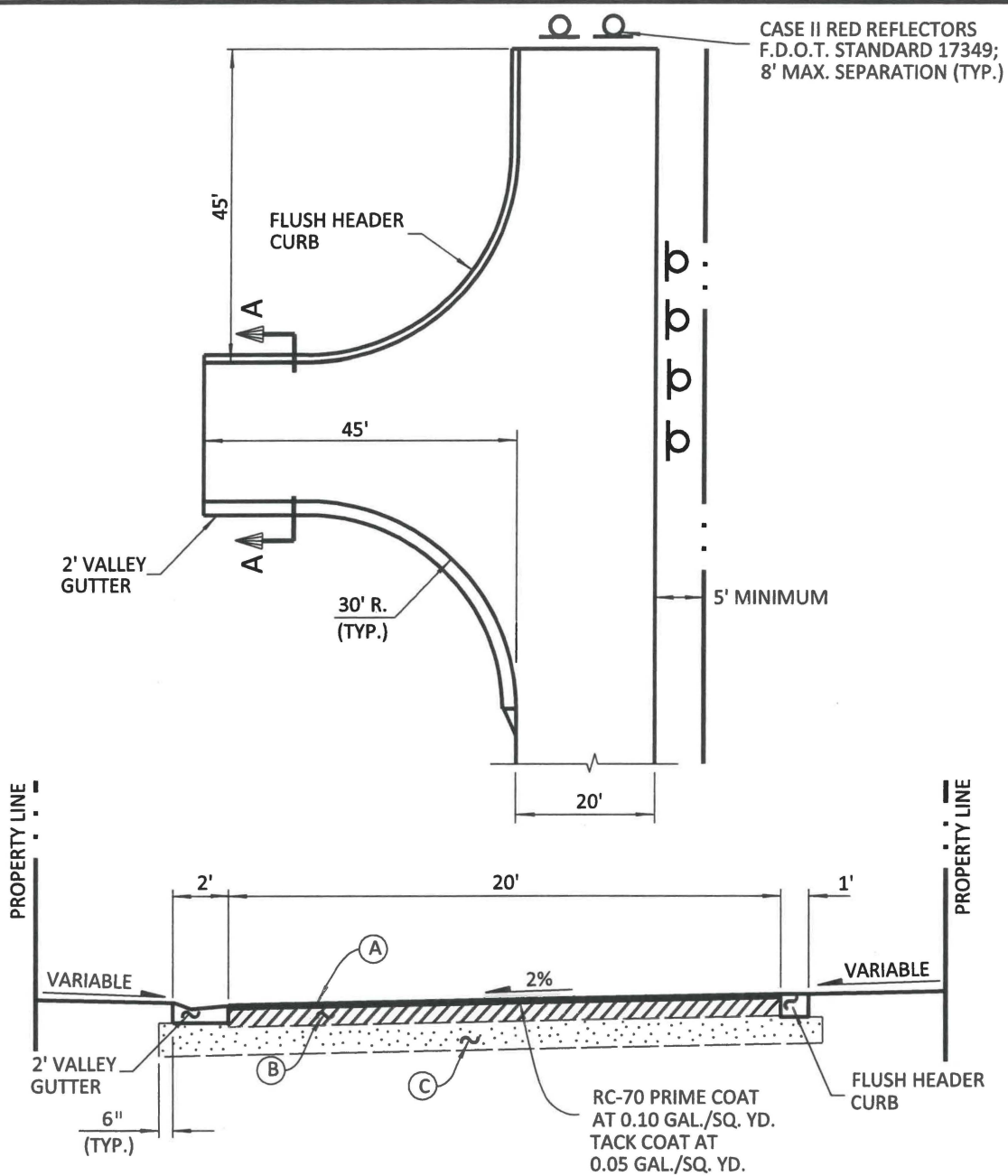
NOTE : THIS SECTION MAY BE USED ONLY FOR DEAD END STREETS WITH A TOTAL LENGTH NOT EXCEEDING 150 FT. FROM EDGE OF PAVEMENT OF THE INTERSECTING STREET TO CENTER OF CUL-DE-SAC, AND REQUIRES PRIOR APPROVAL FROM P.B.C. FIRE OFFICIAL.

- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6
- (D) SHOULDER AND PAVEMENT EDGE: SEE 600.5A

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.5B (Page 2 of 2)

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				CUL-DE-SAC FOR 60 FT. LOCAL STREET (LENGTH OF 150 FT. OR LESS)		DRAWING NO. 100.5B (PAGE 2 OF 2)
DRAWN BY: K.A.L.	DATE: 02/23/04	REVISED BY: J.M.K.	DATE: 02/01/2018	APPROVED: <i>[Signature]</i>	EFFECTIVE: 2/9/18	
				COUNTY ENGINEER OR DESIGNEE		






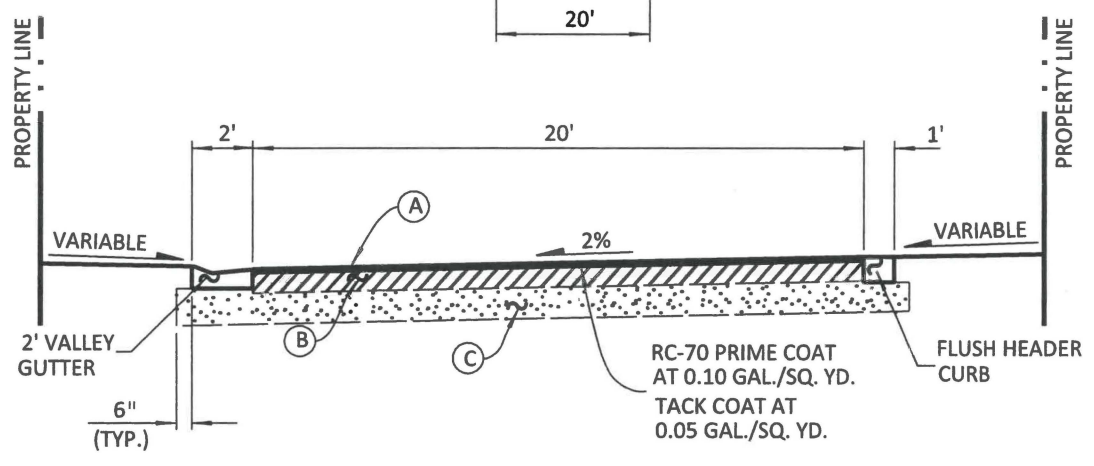
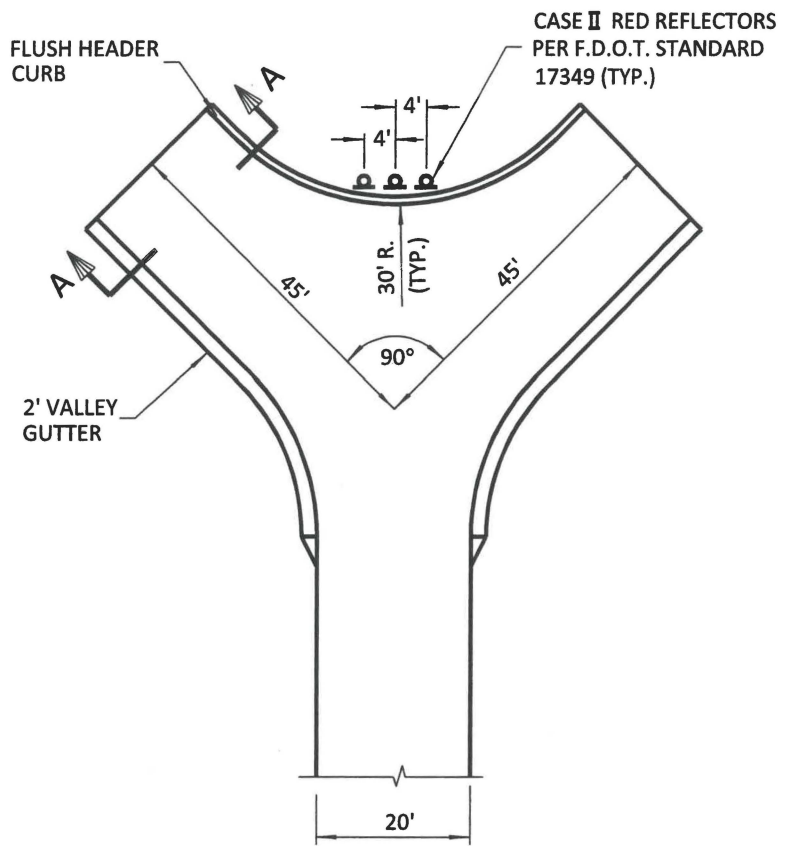
**SECTION A-A**

- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6

**NOTE:**  
 THIS SECTION SHALL BE ALLOWED ONLY  
 AS A PERMANENT DEADEND TREATMENT  
 ON 32 FT. AND 40 FT. RESIDENTIAL ACCESS STREETS.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.5C

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				SHUNT TURNAROUND		DRAWING NO.	
						100.5C	
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:		
K.L.	05/23/90	J.M.K.	02/01/2018	 COUNTY ENGINEER OR DESIGNEE	2/9/18		



**SECTION A-A**

- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6

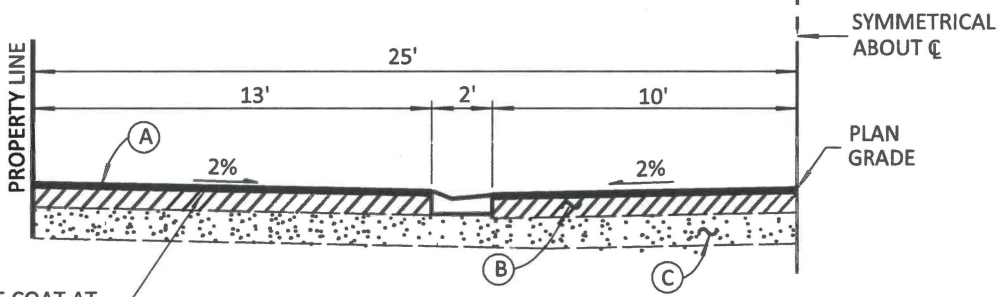
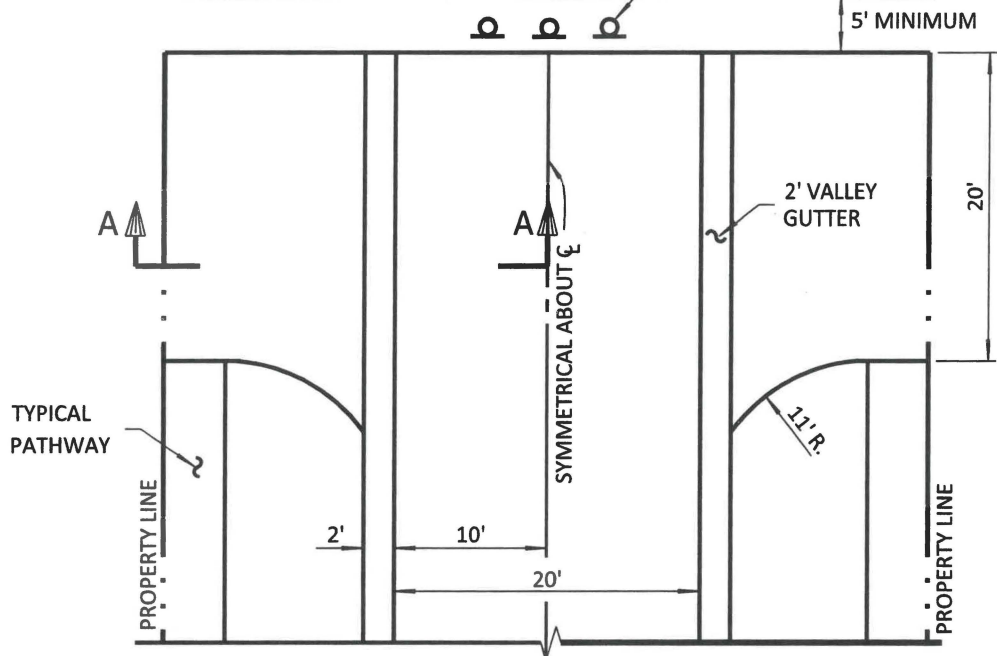
**NOTE:**  
 THIS SECTION SHALL BE ALLOWED ONLY AS A PERMANENT DEADEND TREATMENT ON 32 FT. AND 40 FT. RESIDENTIAL ACCESS STREETS.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.5D

<b>PALM BEACH COUNTY DEPARTMENT OF ENGINEERING &amp; PUBLIC WORKS</b>				<b>WYE TURNAROUND</b>		DRAWING NO.  <b>100.5D</b>
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:		EFFECTIVE:
K.L.	03/22/91	E.K.	04/08/1991			2/1/18
		J.M.K.	02/01/2018			
				COUNTY ENGINEER OR DESIGNEE		

**NOTE:** WHERE STREET DEDICATION NOT CONTINUOUS, PROVIDE SUFFICIENT SET BACK TO ACCOMMODATE FILL OR CUT SLOPE AND ANY REQUIRED GUARDRAIL.

CASE II RED REFLECTORS  
F.D.O.T STANDARD 17349;  
8' MAX. SEPARATION (TYP.)



RC-70 PRIME COAT AT 0.10 GAL./SQ. YD.  
TACK COAT AT 0.05 GAL./SQ. YD.

**SECTION A-A**

**NOTES:**

1. THIS TURNAROUND TO BE USED FOR TEMPORARY DEAD-END ONLY.
2. UPON EXTENSION OF STREET, EXCESS PAVEMENT TO BE REMOVED. BASE TO BE REMOVED FROM 1 FT. BEHIND VALLEY GUTTER TO PROPERTY LINE. SHOULDER TO BE RECONSTRUCTED TO APPROPRIATE SECTION.

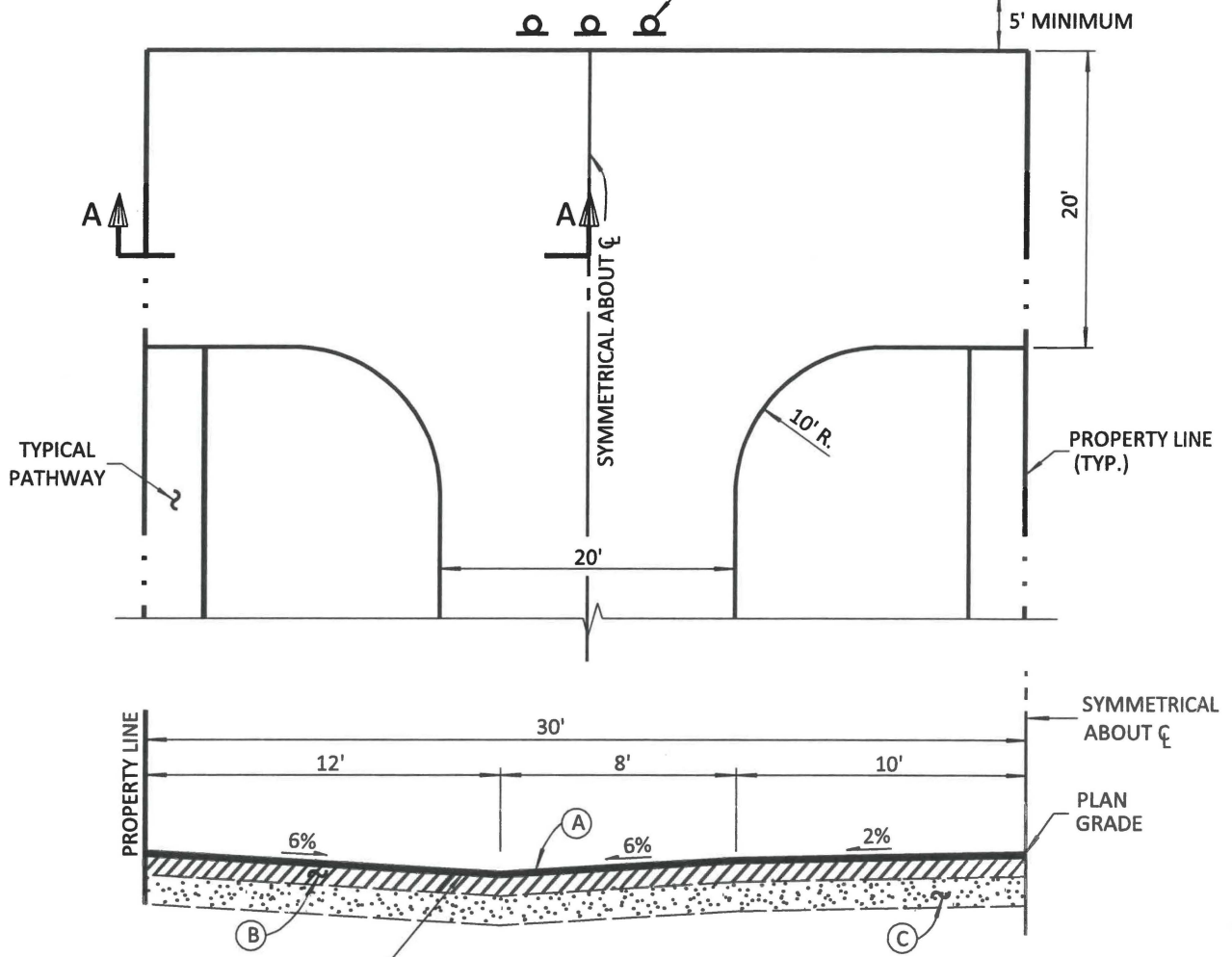
- (A) WEARING SURFACE: SEE TABLE 100.6
- (B) BASE: SEE TABLE 100.6
- (C) SUBGRADE: SEE TABLE 100.6

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.5E

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				"T" TURNAROUND FOR 50 FT. LOCAL STREET		DRAWING NO.  100.5E
DRAWN BY:  K.L.	DATE:  05/23/90	REVISED BY: J.M.K.	DATE: 02/01/2018			

**NOTE:** WHERE STREET DEDICATION NOT CONTINUOUS, PROVIDE SUFFICIENT SET BACK TO ACCOMMODATE FILL OR CUT SLOPE AND ANY REQUIRED GUARDRAIL.

CASE II RED REFLECTORS  
F.D.O.T STANDARD 17349;  
8' MAX. SEPARATION (TYP.)



RC-70 PRIME COAT AT  
0.10 GAL./SQ. YD.  
TACK COAT AT  
0.05 GAL./SQ. YD.

**SECTION A-A**

**NOTES:**

1. THIS TURNAROUND TO BE USED FOR TEMPORARY DEAD-END ONLY.
2. UPON EXTENSION OF STREET, EXCESS PAVEMENT TO BE NEATLY SAW-CUT AND REMOVED. BASE TO BE REMOVED FROM 1 FT. BEYOND FINAL EDGE OF PAVEMENT TO PROPERTY LINE. SHOULDER TO BE RE-CONSTRUCTED TO APPROPRIATE SECTION.

(A) **WEARING SURFACE:** SEE TABLE 100.6

(B) **BASE:** SEE TABLE 100.6

(C) **SUBGRADE:** SEE TABLE 100.6

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.5F

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				"T" TURNAROUND FOR 60 FT. LOCAL STREET		DRAWING NO.  100.5F
DRAWN BY:  K.L.	DATE:  05/23/90	REVISED BY: J.M.K.	DATE: 02/01/2018	APPROVED:  <i>[Signature]</i> COUNTY ENGINEER OR DESIGNEE	EFFECTIVE:  2/19/18	

# TABLE 100.6

## TABLE OF MATERIALS AND CONSTRUCTION STANDARDS: RESIDENTIAL ACCESS AND LOCAL STREETS

Component (1)	Description of Materials	Construction Standards Minimum In Place		Notes
		Thickness (2)	SN (min.) (3)	
A	SP Structural Course	1 ½"	0.66	Traffic Level A
B	Optional Base Group 8	See notes	1.65	Refer to FDOT Flexible Pavement Design Manual Table 5.6
C	Compacted Subgrade (3)	12"	0	
	Total		2.31	

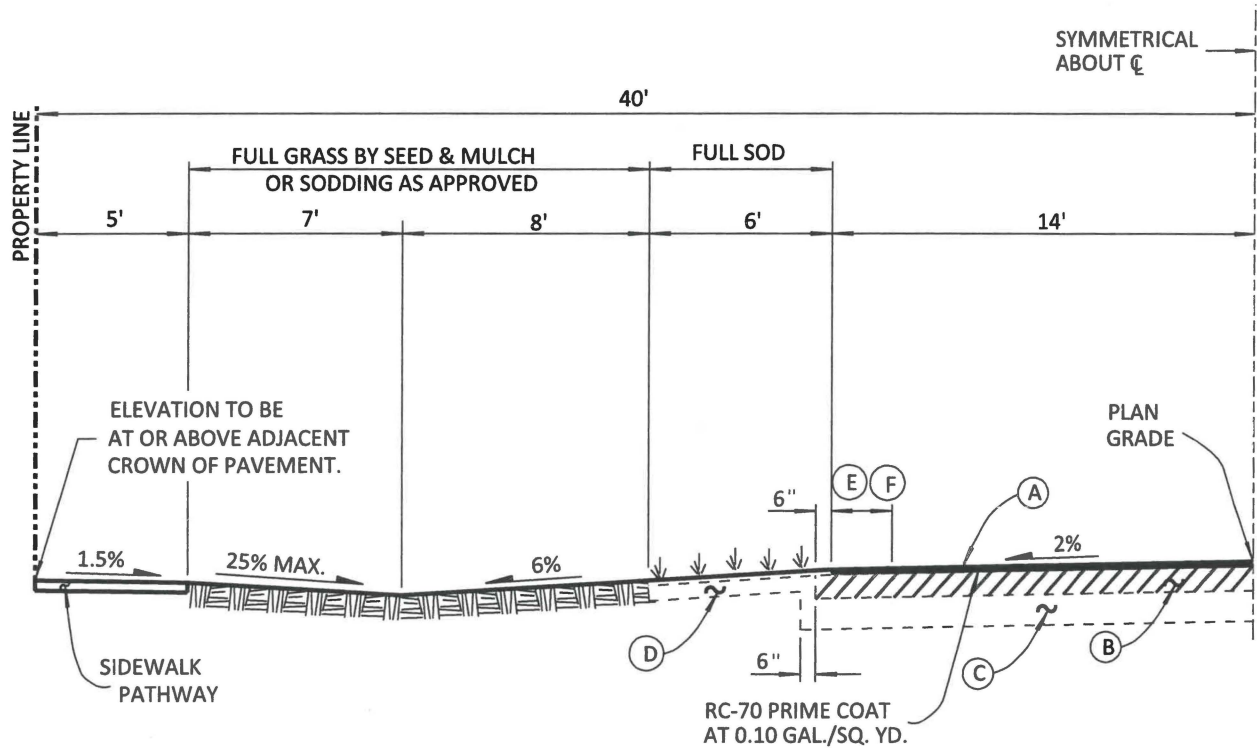
- (1) A = Pavement  
B = Base  
C = Subgrade
- (2) All Dimensions Refer to Finished Thickness
- (3) Compacted to At Least 98% Maximum Density Per PER A.A.S.H.T.O. T-180.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.6

<b>PALM BEACH COUNTY DEPARTMENT OF ENGINEERING &amp; PUBLIC WORKS</b>				<b>TABLE OF MATERIALS AND CONSTRUCTION STANDARDS: RESIDENTIAL ACCESS AND LOCAL STREETS</b>		DRAWING  <b>100.6</b>
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	05/23/90	J.M.K.	02/01/2018	COUNTY ENGINEER OR DESIGNEE	2/19/18	

**NOTES:**

1. THE TERM NON-PLAN REFERS TO A ROADWAY SECTION THAT IS NOT IDENTIFIED AS A MAJOR ROAD ON THE PALM BEACH COUNTY THOROUGHFARE RIGHT-OF-WAY IDENTIFICATION MAP.
2. THE SECTIONS FOR MAJOR STREETS MAY ALSO BE UTILIZED IN LIEU OF THIS SECTION. REFER TO THE ROADWAY PRODUCTION DIVISION'S DESIGN STANDARDS.



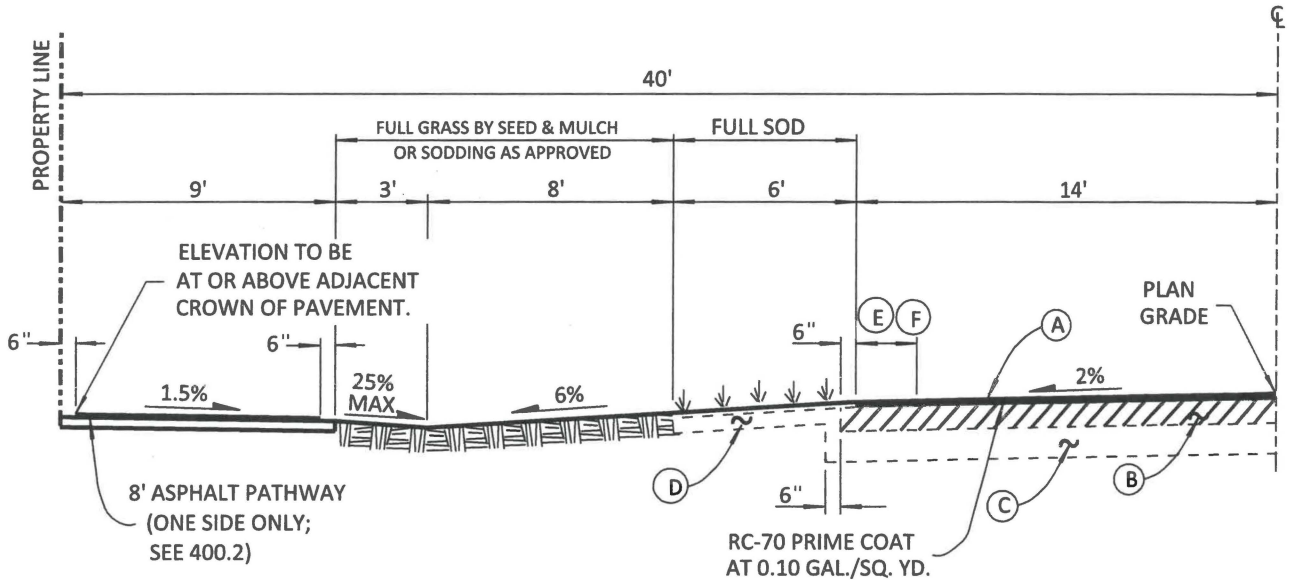
- (A) **WEARING SURFACE:** SEE TABLE 100.9
- (B) **BASE:** SEE TABLE 100.9
- (C) **SUBGRADE:** SEE TABLE 100.9
- (D) **COMPACTED SHOULDER STABILIZED TO MIN. FBV 75 P.S.I. TO 6 INCHES DEPTH. SHOULDER TO BE GRADED 0.2 FT. BELOW PLAN GRADE AND FULLY SODDED.**
- (E) **LANES:** 12 FT. WIDE WITH 2 FT. PAVED SHOULDERS
- (F) **STRIPING:** SEE SECTION 500 NOTES

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.7A

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				80 FT. NON-PLAN COLLECTOR STREET: SWALE, SIDEWALK PATHWAY		DRAWING NO.  100.7A

**NOTES:**

1. THE TERM NON-PLAN REFERS TO A ROADWAY SECTION THAT IS NOT IDENTIFIED AS A MAJOR ROAD ON THE PALM BEACH COUNTY THOROUGHFARE RIGHT-OF-WAY IDENTIFICATION MAP.
2. THE SECTIONS FOR MAJOR STREETS MAY ALSO BE UTILIZED IN LIEU OF THIS SECTION. REFER TO THE ROADWAY PRODUCTION DIVISION'S DESIGN STANDARDS.



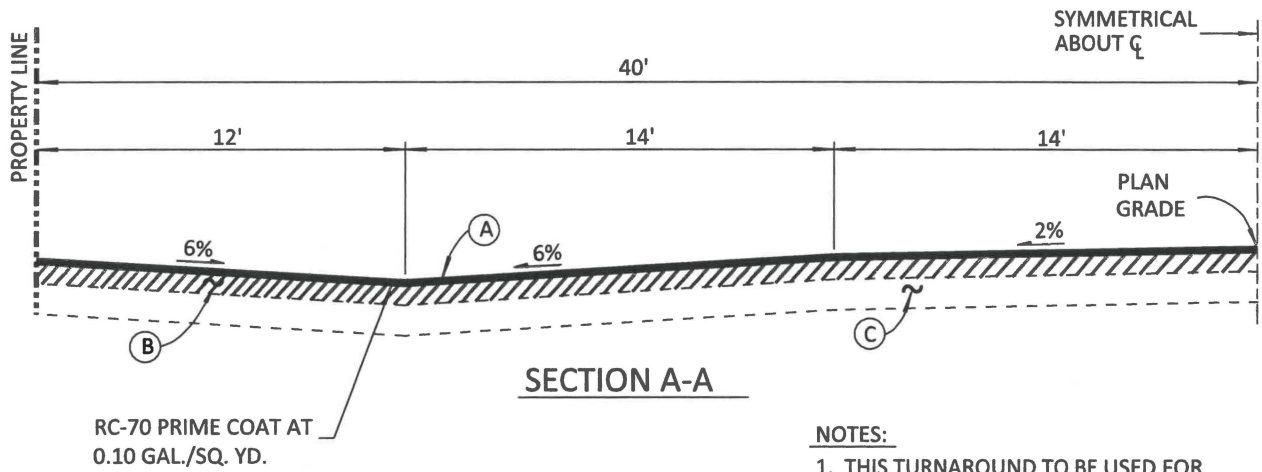
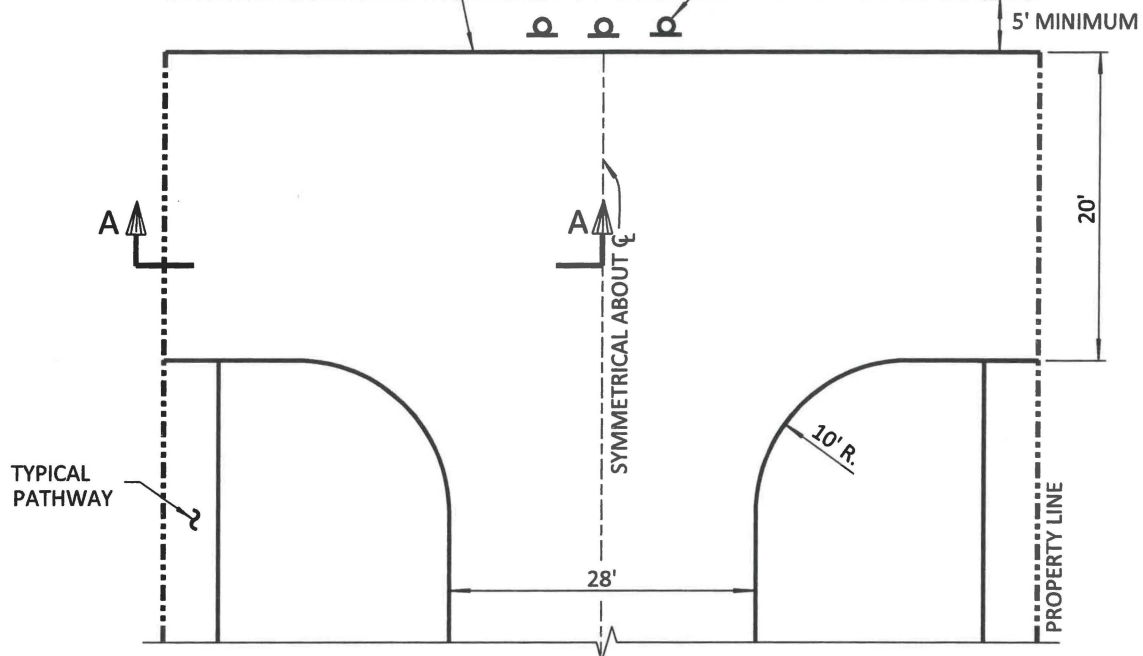
- (A) **WEARING SURFACE:** SEE TABLE 100.9
- (B) **BASE:** SEE TABLE 100.9
- (C) **SUBGRADE:** SEE TABLE 100.9
- (D) **COMPACTED SHOULDER STABILIZED TO MIN. FBV 75 P.S.I. TO 6 INCHES DEPTH. SHOULDER TO BE GRADED 0.2 FT. BELOW PLAN GRADE AND FULLY SODDED.**
- (E) **LANES:** 12 FT. WIDE WITH 2 FT. PAVED SHOULDERS
- (F) **STRIPING:** SEE SECTION 500 NOTES

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.7B

<b>PALM BEACH COUNTY DEPARTMENT OF ENGINEERING &amp; PUBLIC WORKS</b>				<b>80 FT. NON-PLAN COLLECTOR STREET: SWALE, ASPHALT PATHWAY</b>		DRAWING NO.  <b>100.7B</b>
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	05/23/90	J.M.K.	02/01/2018	<i>[Signature]</i> COUNTY ENGINEER OR DESIGNEE	219118	

NOTE: WHERE STREET DEDICATION NOT CONTINUOUS, PROVIDE SUFFICIENT SET BACK TO ACCOMMODATE FILL OR CUT SLOPE AND ANY REQUIRED GUARDRAIL.

CASE II RED REFLECTORS  
F.D.O.T STANDARD 17349;  
8' MAX. SEPARATION (TYP.)



- (A) WEARING SURFACE: SEE TABLE 100.9
- (B) BASE: SEE TABLE 100.9
- (C) SUBGRADE: SEE TABLE 100.9

NOTES:

1. THIS TURNAROUND TO BE USED FOR TEMPORARY DEAD-END ONLY.
2. UPON EXTENSION OF STREET, EXCESS PAVEMENT TO BE NEATLY SAW-CUT AND REMOVED. BASE TO BE REMOVED FROM 1 FT. BEYOND FINAL EDGE OF PAVEMENT TO PROPERTY LINE. SHOULDER TO BE RE-CONSTRUCTED TO APPROPRIATE SECTION.

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.8

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				"T" TURNAROUND NON-PLAN 80 FT. COLLECTOR STREET		DRAWING NO.  100.8
DRAWN BY:  K.L.	DATE:  05/23/90	REVISED BY: J.M.K.	DATE: 02/01/2018			




# TABLE 100.9

## TABLE OF MATERIALS AND CONSTRUCTION STANDARDS: NON-PLAN COLLECTOR STREETS

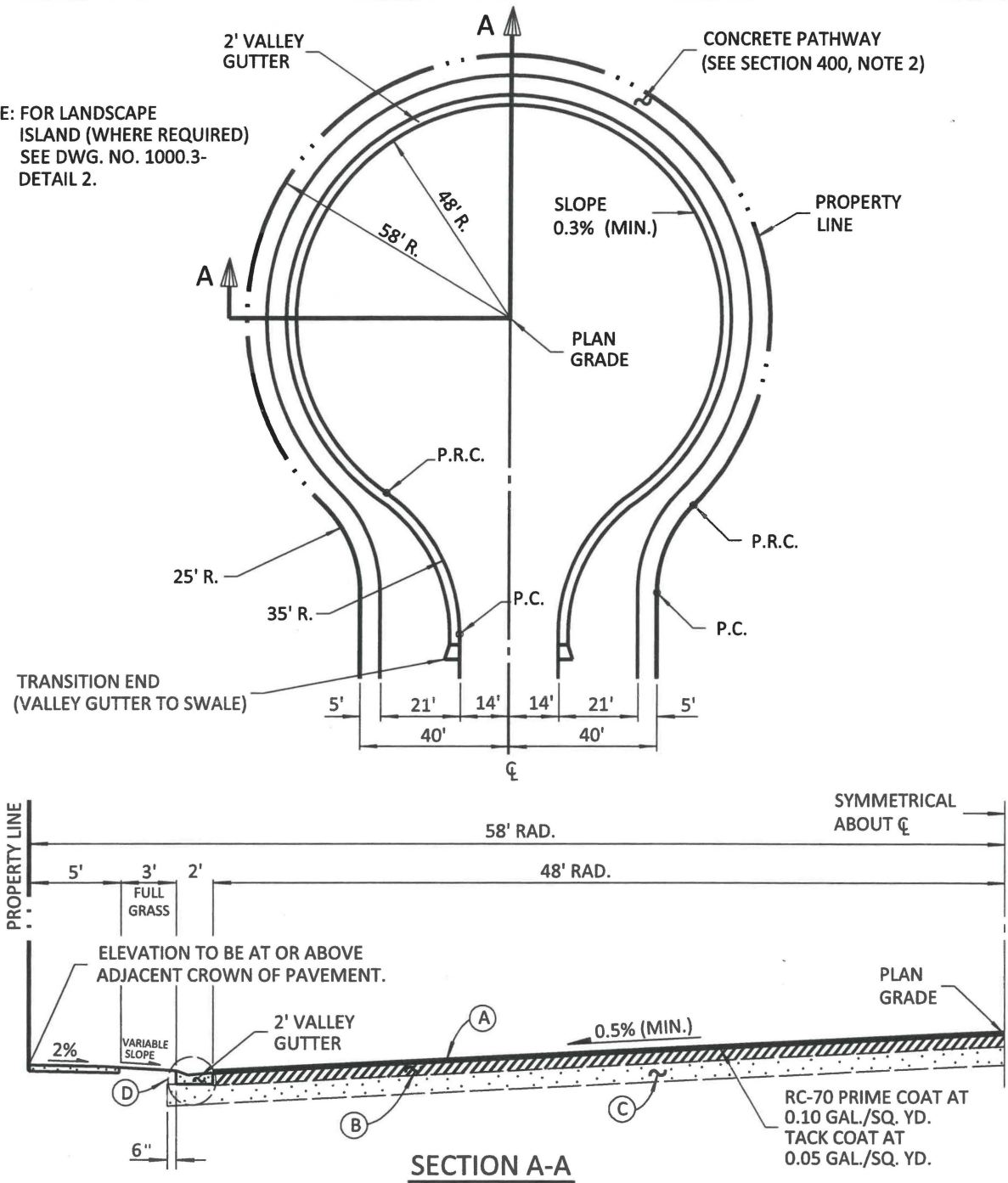
Component (1)	Description of Materials	Construction Standards Minimum In Place		Notes
		Thickness (2)	SN (min)	
A	Friction Course	1"	0.44	FC 9.5
B	SP Structural Course	1 ½"	0.66	Traffic Level A
C	Optional Base Group 3	See notes	0.95	Refer to FDOT Flexible Pavement Design Manual Table 5.6
D	Stabilized Subgrade (3)	12"	0.96	
	Total		3.01	

- |  |
|--|
| <p>(1) A = Friction<br/>B = Pavement<br/>C = Base<br/>D = Subgrade</p> <p>(2) All Dimensions Refer to Finished Thickness</p> <p>(3) Stabilized Subgrade to Meet LBR-40, Approved Materials for Palm Beach County Include: Limerock, Cemented Coquina and Shell Rock.</p> |
|--|

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.9

<b>PALM BEACH COUNTY DEPARTMENT OF ENGINEERING &amp; PUBLIC WORKS</b>				<b>TABLE OF MATERIALS AND CONSTRUCTION STANDARDS NON-PLAN COLLECTOR STREETS</b>		TABLE  100.9
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	05/23/90	J.M.K.	02/01/2018	 COUNTY ENGINEER OR DESIGNEE	2/16/18	

NOTE: FOR LANDSCAPE ISLAND (WHERE REQUIRED) SEE DWG. NO. 1000.3-DETAIL 2.



(A) WEARING SURFACE: SEE TABLE 100.11

(C) SUBGRADE: SEE TABLE 100.11

(B) BASE: SEE TABLE 100.11

(D) SHOULDER AND PAVEMENT EDGE: SEE 600.5A

FILEPATH: P:/DGN/ENG SER/LAND DEVELOPMENT STANDARDS/DWF FORMAT/100.10

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				CUL-DE-SAC FOR 80 FT. NON-PAN COLLECTOR STREET		DRAWING NO. 100.10
DRAWN BY: K.A.L.	DATE: 02/23/04	REVISED BY: J.M.K.	DATE: 02/01/2018	APPROVED: <i>[Signature]</i> COUNTY ENGINEER OR DESIGNEE	EFFECTIVE: 02/18/18	