

**STANDARD SPECIFICATIONS AND REQUIREMENTS OF THE TOWN OF OYSTER BAY FOR PUBLIC  
WORK, ROADS, AND FOR ANY IMPROVEMENTS  
TO BE DEDICATED TO THE TOWN OF OYSTER BAY  
2019**

1. Rights-of-Way Widths

- a. Residential (local) streets shall have a minimum right-of-way of 50 feet
- b. Secondary (collector) streets shall have a minimum right-of-way of 54 feet
- c. Commercial or industrial (arterial) streets shall have a minimum right-of-way of 60 feet.

2. Roadway Widths

- a. Where the right-of-way is 50 feet, there shall be 34 feet of pavement between curb lines
- b. Where the right-of-way is 54 feet, there shall be 38 feet of pavement between curb lines
- c. Where the right-of-way is 60 feet, there shall be 40 feet of pavement between curb lines.

3. Cul-de-Sacs

For residential streets, the radius of the turn-around roadway at the end of a cul-de-sac shall not be less than 57 feet to the right-of-way line and 48 feet to the curb line. The curb radius entering and exiting the Cul-de-Sac shall not be less than 50 feet. For secondary and commercial streets the parameters shall be proportionately greater (see Detail No.6). In addition, cul-de-sacs shall conform to the latest version of the NYS Fire Code.

4. Horizontal Alignment

- a. Deflecting road lines shall be connected by a horizontal curve.
- b. The minimum centerline radius of any street shall be 200 feet.
- c. The minimum curb radius at an intersection shall be 15 feet.

5. Vertical Alignment

Grades shall be not less than five-tenths percent (0.50%) nor more than ten percent (10.0%) for residential streets nor more than five percent (5.0%) for secondary or commercial streets. Steeper or flatter grades may be permitted in individual cases with the approval of the Commissioner of Public Works.

6. Materials and Methods of Construction

Specifications for materials and methods of construction will conform to the 2009 Nassau County Standard Specifications and Detail Sheets for Civil Engineering and Site Development Construction as currently addended.

- a. All Portland Cement Concrete for curbs, sidewalks, aprons and handicap ramps shall be air-entrained and shall have an average compressive strength of 4,000 psi in 28 days.
- b. All Bituminous Concrete used for road pavement shall be plant Mix.
- c. A suitable subgrade shall be as described in the Nassau County Standards cited above.

7. Curbs

Integral concrete curbs and gutters are required on all streets. They shall conform to the requirements detailed in Town of Oyster Bay Detail No. 4 and 7.

8. Driveway Aprons

Concrete Driveway Aprons shall be required for each house driveway in residential subdivisions and for commercial properties. The apron widths shall be as indicated in the table below. All aprons and sidewalks behind the aprons shall be reinforced and 7" thick. An empty 1 inch schedule 80 PVC electrical conduit shall be provided below the apron. For additional requirements see Town of Oyster Bay Detail No 7 at the end of this document.

Apron Width	Single Driveway		Double Driveway		Commercial	
	min.	max.	min.	max.	min.	max.
Width at Sidewalk (ft.)	10	12	18	20	-	30
Width at Curb (ft.)	13	15	21	23	-	33

9. Sidewalks

Concrete sidewalks are required on all streets. For new streets the sidewalks shall be a minimum of 5 feet wide and 5" thick. For sidewalk replacement, the sidewalk width shall match the existing, but in no case shall it be less than 4 feet wide and 5 inches thick. The sidewalk abutting curb cuts and driveway aprons shall conform to the requirements of the paragraph on driveway aprons and the Detail No. 7 at the end of this document.

10. Sidewalk Ramps for the Handicapped

Concrete sidewalk ramps for the handicapped are required at each corner. Handicapped ramps shall conform to the latest standards, details, and specifications of New York State Department of Transportation. Additional ADA ramps for the handicapped may be required by the Town of Oyster Bay Highway Division

11. Roadway

- a. Minimum pavement cross-sections for residential (local) streets, secondary or feeder (collector) streets and commercial, or industrial (arterial) streets are shown on the Town of Oyster Bay Subdivision Roadway Details No. 1, No. 2 and No. 3 respectively.
- b. The 2009 Nassau County Standard Specifications and Detail Sheets for Civil Engineering and Site Development Construction is recommended to the Developer as a guide in preparing the roadway subgrade. Subgrade acceptance, however, shall be based only on acceptable test results as described below.
- c. Pavements shall comply with the latest Nassau County cited on the cross-sections in the Details No. 1, No. 2, and No. 3.

After the subgrade is compacted and shaped to the approved profile and before any base course material is placed, one of the following testing procedures must be performed and minimum acceptable test values achieved:

Test	Minimum Acceptable Test Value
Benkleman Beam	0.080 inches (characteristic deflection)
California Bearing Ratio (CBR)	10
Plate Bearing Test	50 psi (12" dia. plate, 0.2" deflection, 10 repetitions)
Resistance Value ( R )	45
Resilient Modulus ( M <sub>R</sub> )	10,000 psi

12. Utilities

- a. Street lighting. The developer will install underground wiring and all hardware, above-ground wiring, poles and fixtures for street lighting. All plans, specifications and work must be approved prior to and after installation by the Department of Public Works of the Town of Oyster Bay. All work must be inspected prior to being backfilled. Approval must also be obtained from all regulatory agencies having jurisdiction and from the Long Island Power Authority, and PSEG.
- b. Cable Television. The developer, in conjunction with the cable television companies serving the area, shall provide underground cable and the necessary number of pull boxes for service to the individual building. All such work must be approved prior to and after installation by the Department of Public Works of the Town of Oyster Bay.

In lieu of installing underground cable, the developer may submit an affidavit from the Cable Television Companies stating that no permit for underground cable installation will be requested in the future.

13. Inspection & Testing

- a. Portland Cement Concrete & Hot Mixed Asphaltic Concrete

All Portland Cement Concrete (PCC) and Hot Mixed Asphaltic (HMA) Concrete shall be subject to laboratory tests to determine if they conform to the specifications. The developer shall provide the Planning Commission with a construction schedule so that adequate samples may be obtained as noted below.

- b. Roadway Subgrade

All subgrades will be visually inspected and tested prior to the placing of the roadway base course. Acceptable tests and test results are listed under Section "11" paragraph "b" as noted below.

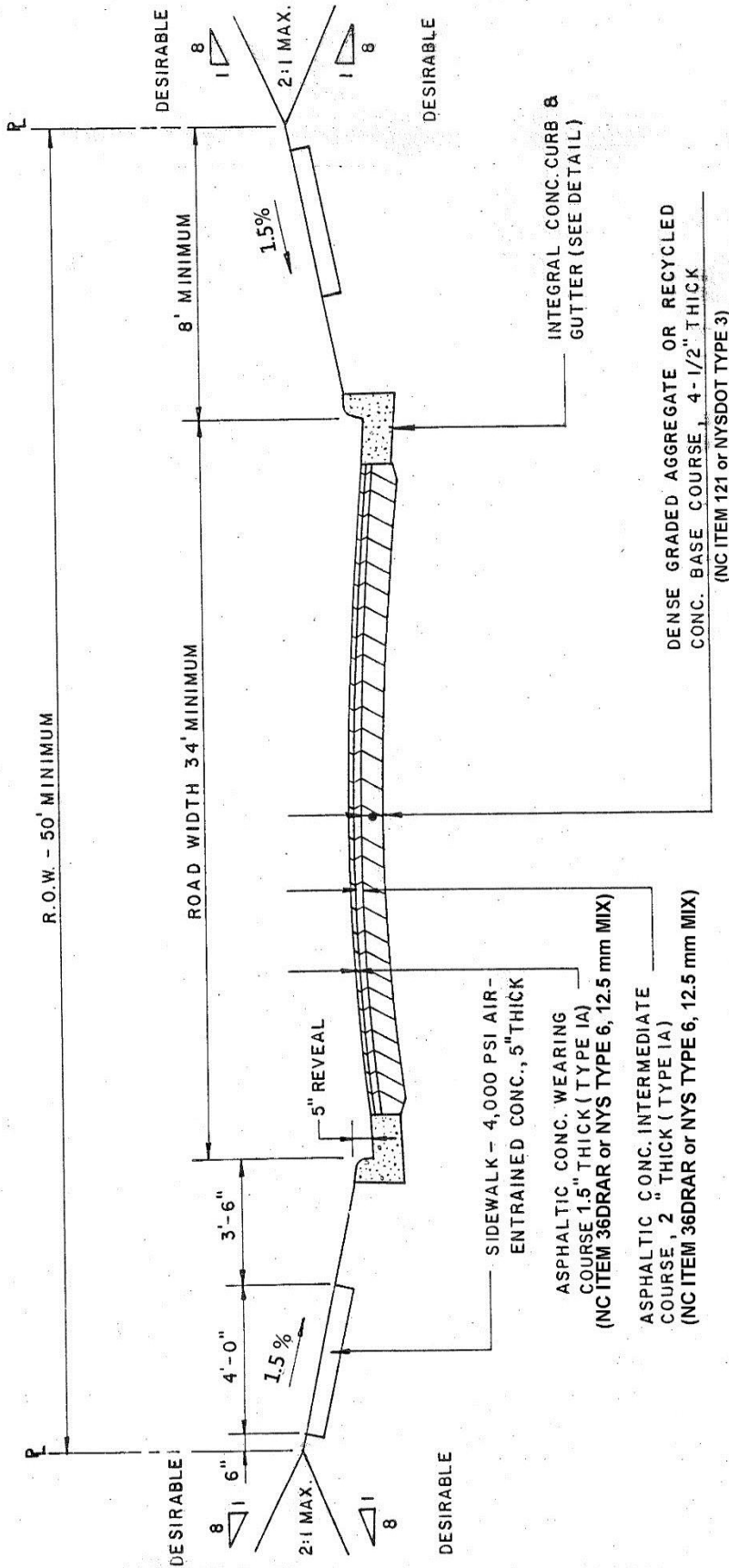
14. For PCC, HMA, and Subgrade Testing, the developer may choose one of the following options:

- a. To contract an acceptable materials and soils laboratory or Engineer to perform one of the listed tests and to submit a copy of the test results, sealed by a Professional Engineer, to the Town of Oyster Bay.
- b. To request the Town of Oyster Bay to conduct the required tests and to reimburse the Town for the incurred costs.

15. Street Drainage, Sanitary Sewers, Traffic Signs and Pavement Markings:
- a. Requirements for street drainage and sanitary sewers shall conform to the latest version of:
- *Nassau County Department of Public Works Standard Specifications and Detail Sheets for Civil Engineering and Site Development Construction*, and
  - *Nassau County Standard Specifications for the Construction of Sanitary Sewers*
- b. Traffic signs and pavement markings shall conform the latest version of the New York State Manual of Uniform Traffic Control Devices (MUTCD). Traffic signals fall under the jurisdiction of Nassau County Department of Public Works or NYSDOT at intersections with State Highways.

TOWN OF OYSTER BAY  
STANDARD ROADWAY DETAILS

Roadway Section for Local Residential Streets	No. 1.
Roadway Section for Secondary or Collector Streets	No. 2
Roadway Section for Commercial or Industrial or Arterial Streets	No. 3
Integral Concrete Curb and Gutter and Drop Curb Driveway Details	No. 4
Sidewalk Ramp for the Handicapped	No. 5
Cul -de-Sac Detail	No. 6
Sidewalk and Driveway Apron Detail	No. 7



TACK COAT IS TO BE APPLIED BETWEEN ALL COURSES  
 CONSTRUCTION TO BE PERFORMED IAW THE LATEST  
 NASSAU CTY or NYSDOT SPECIFICATION THAT APPLIES

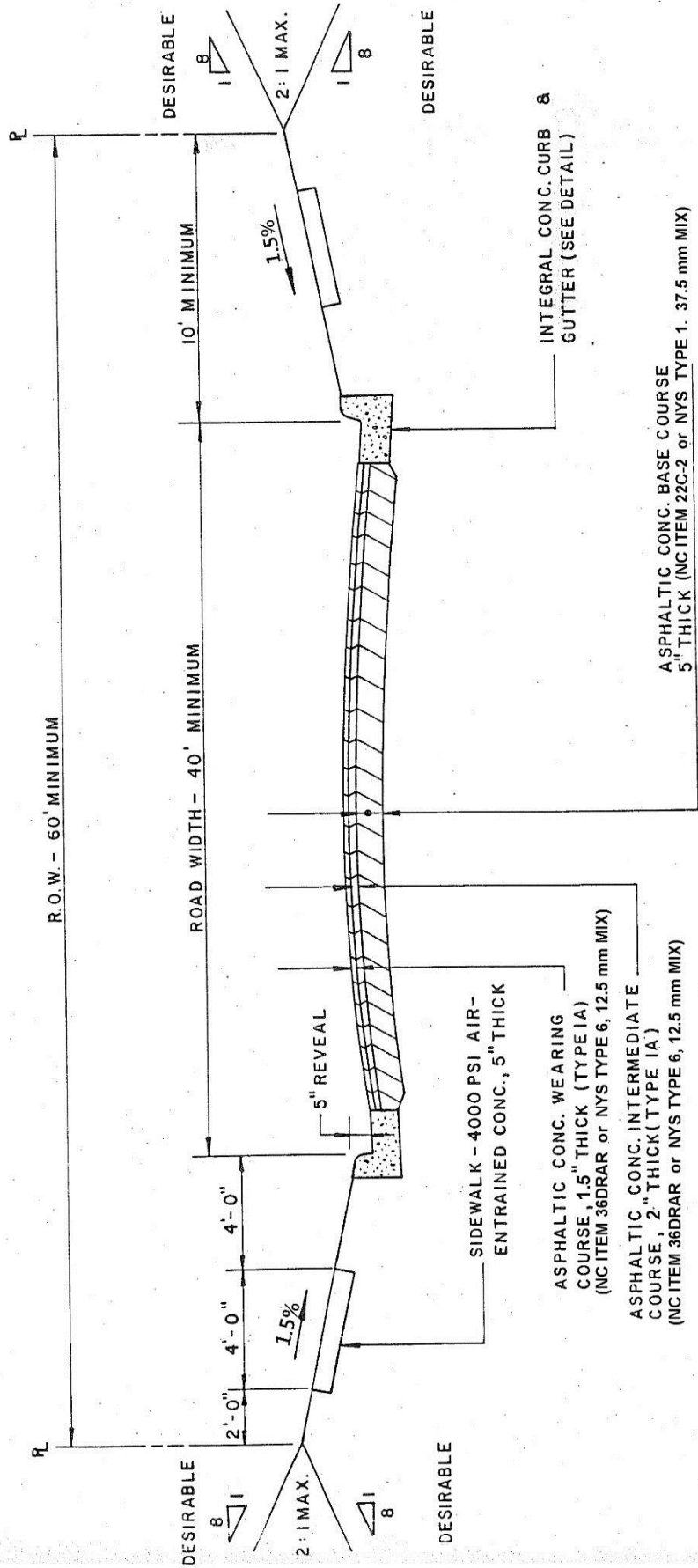
# ROADWAY SECTION FOR RESIDENTIAL STREETS LOCAL STREETS NOT TO SCALE

OCTOBER 2019  
 TOWN OF OYSTER BAY  
 ROADWAY DETAIL  
 NO. 1

FOR ROADS WITH A FUNCTIONAL CLASS No. 19







TACK COAT IS TO BE APPLIED BETWEEN ALL COURSES  
 CONSTRUCTION TO BE PERFORMED IAW THE LATEST  
 NASSAU CTY or NYSDOT SPECIFICATION THAT APPLIES

# ROADWAY SECTION FOR COMMERCIAL OR ARTERIAL STREETS NOT TO SCALE

OCTOBER 2019  
 TOWN OF OYSTER BAY  
 ROADWAY DETAIL  
 NO. 3  
 FOR ROADS WITH FUNCTIONAL CLASS OF 16



**ALL RAMPS SHALL CONFORM TO**

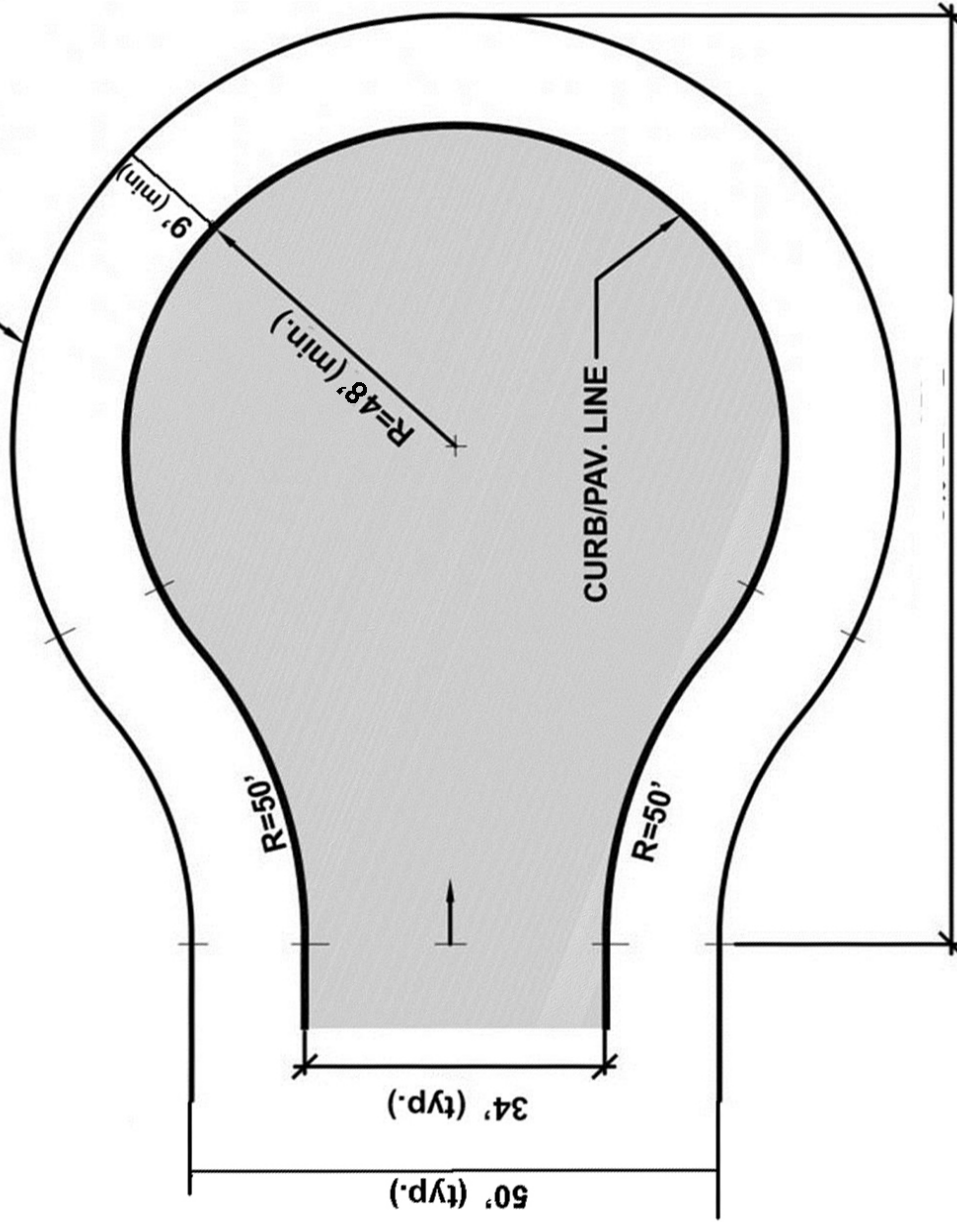
**THE LATEST DETAILS, STANDARDS, AND SPECIFICATIONS OF**

**NEW YORK STATE DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP FOR THE HANDICAPPED**

SEPTEMBER 2018  
TOWN OF OYSTER BAY  
SUBDIVISION ROADWAY DETAIL  
NO. 5

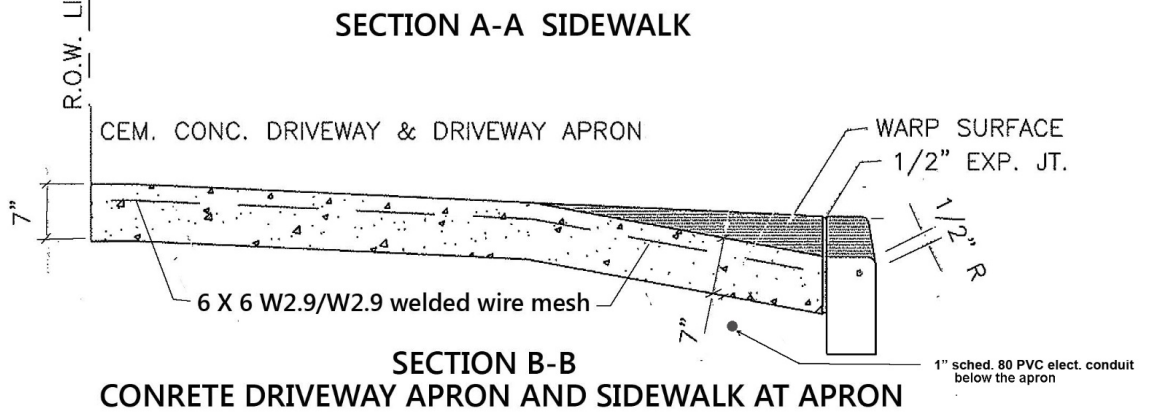
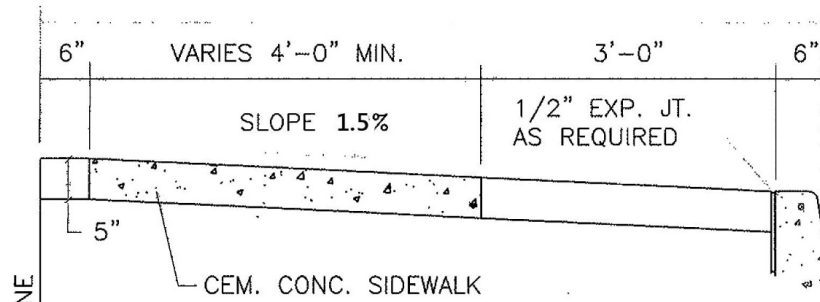
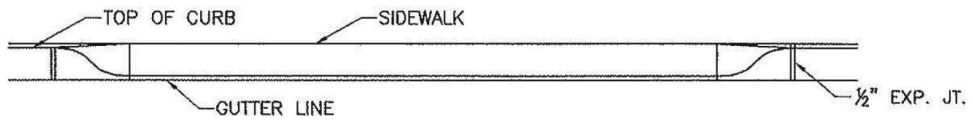
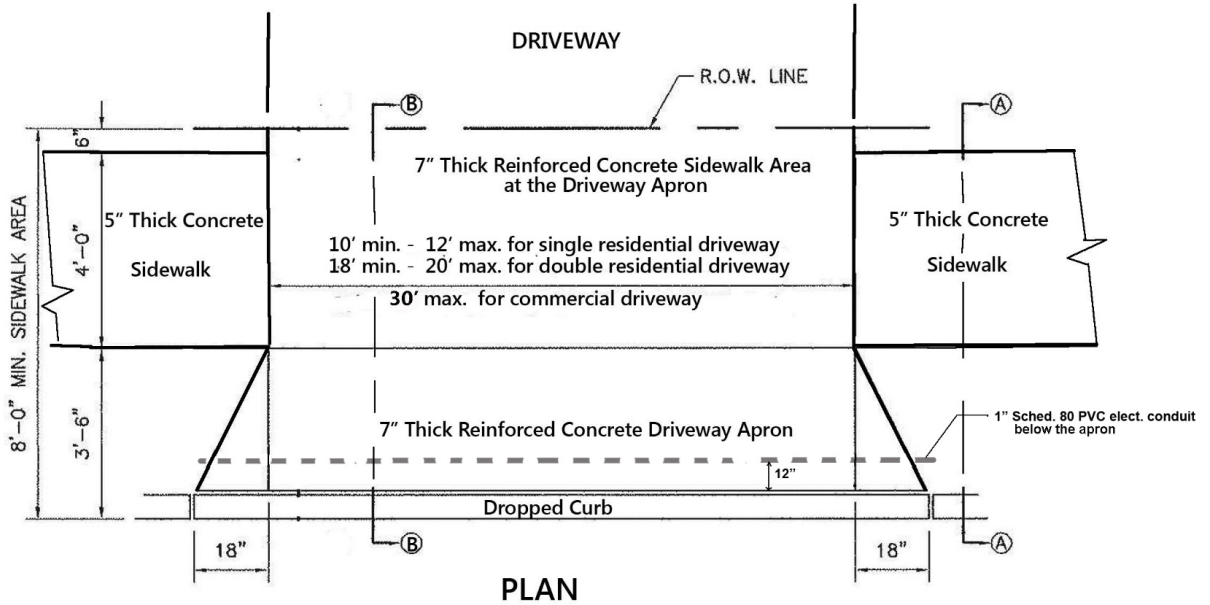
RIGHT-OF-WAY LINE



## Cul - de - Sac DETAIL

OCTOBER 2019  
TOWN OF OYSTER BAY  
SUBDIVISION ROADWAY DETAIL  
NO. 6

**NOTE:** Rights-of-way greater than 50 ft. shall have proportionately greater transition curves and cul-de-sac radii  
Sidewalk area shall be 9 ft. or match right-of-way, whichever is greater



OCTOBER 2019  
TOWN OF OYSTER BAY  
SIDEWALK AND DRIVEWAY APRON  
DETAIL No. 7