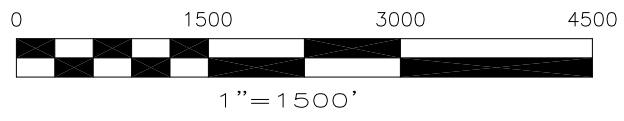


**CARVEL PROPERTY DEVELOPMENT**



NOTE:  
IN SOME INSTANCES THE TOWN OF PINE PLAINS  
HIGHWAY STANDARD MAY BE USED.

**LEGEND:**

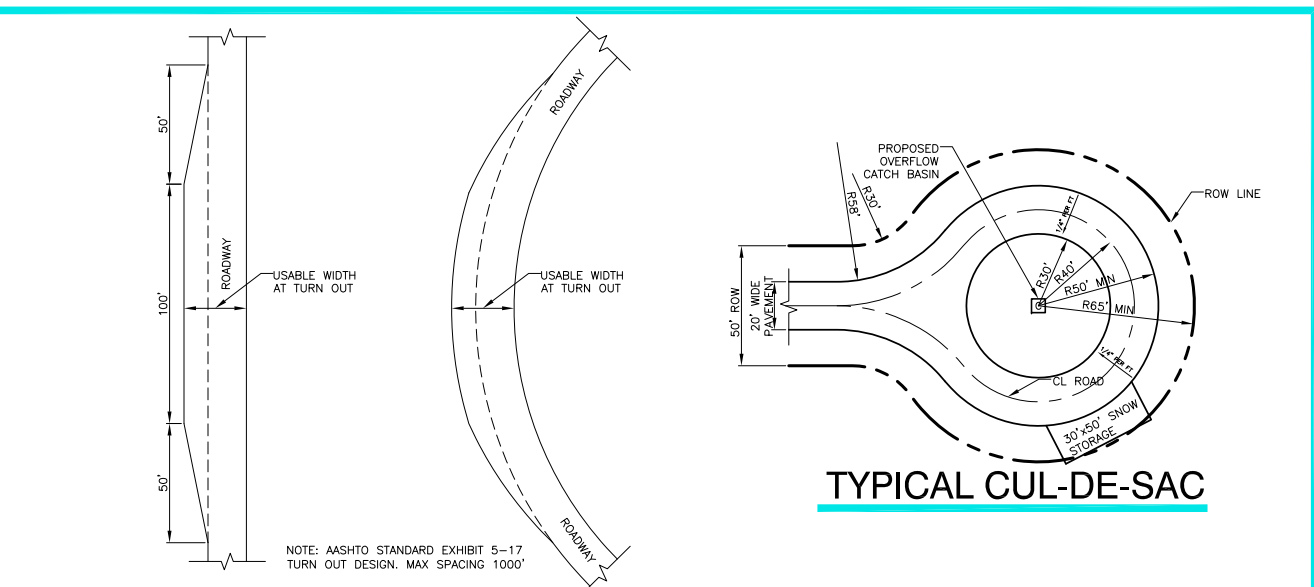
- G3 ROAD DESIGNATION
- #1 AASHTO RURAL COLLECTOR ROADS
- #2 AASHTO LOCAL RURAL ROADS
- #3 AASHTO NEIGHBORHOOD ROADS
- #4 AASHTO RECREATIONAL ROADS (DEAD ENDS)
- #5 AASHTO RECREATIONAL ROADS (COMMON DRIVEWAYS)
- EXISTING ROADS

PRIVATE DRIVES NOT SHOWN FOR CLARITY

**PROPOSED ROADWAY AND COMMON DRIVEWAY  
DESIGN FOR THE CARVEL PROPERTY DEVELOPMENT**

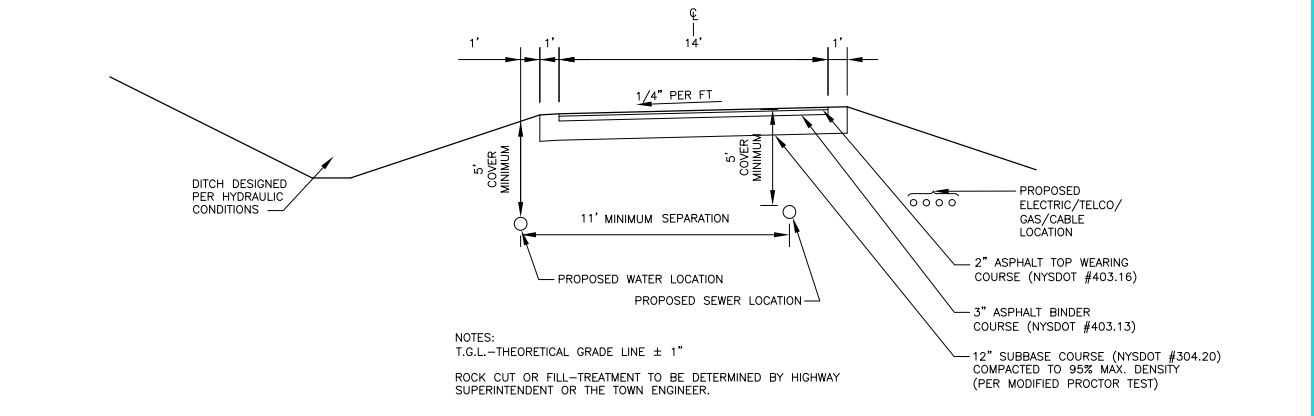
	#1 AASHTO RURAL COLLECTOR ROADS	#2 AASHTO LOCAL RURAL ROADS	#3 AASHTO NEIGHBORHOOD ROADS	#4 AASHTO RECREATIONAL ROADS (DEAD ENDS)	#5 AASHTO RECREATIONAL ROADS (COMMON DRIVEWAYS)
WIDTH	20'	18'	16'	14'	12'
SHOULDER	1'	1"	1'	1'	1'
SPEED LIMIT	30 MPH	25 MPH	20 MPH	15 MPH	15 MPH
DEDICATION	TOWN	PRIVATE	PRIVATE	PRIVATE	PRIVATE
STOPPING SIGHT DIST. (FT)	200	155	115	160	160
RATE OF VERT. CURV (K) CREST	30	12	7	12	12
RATE OF VERT. CURV (K) SAG	40	26	17	27	27
MAXIMUM GRADE %	10%	12%	12%	12%	12%
MINIMUM RAD HORIZ CURVE FOR GRAVEL SURF (FT)				125	125

- NOTES:
- 1.5 FOOT WIDE WING GUTTER ON BOULEVARDS
  - 15% MAXIMUM SLOPE CAN BE USED FOR A DISTANCE OF 200', HOWEVER, 15% MAXIMUM SLOPE WILL NOT EXCEED 10% OF THE MAXIMUM LENGTH OF THE COMMON DRIVE.
  - THIS IS A CONCEPT PLAN. LAYOUT OF ROADS IS SUBJECT TO CHANGE WHEN GRADING PLAN.
  - THE PROPOSED ROADWAY DESIGN OUTLINED ON THIS SHEET IS FOR THIS NND ONLY.

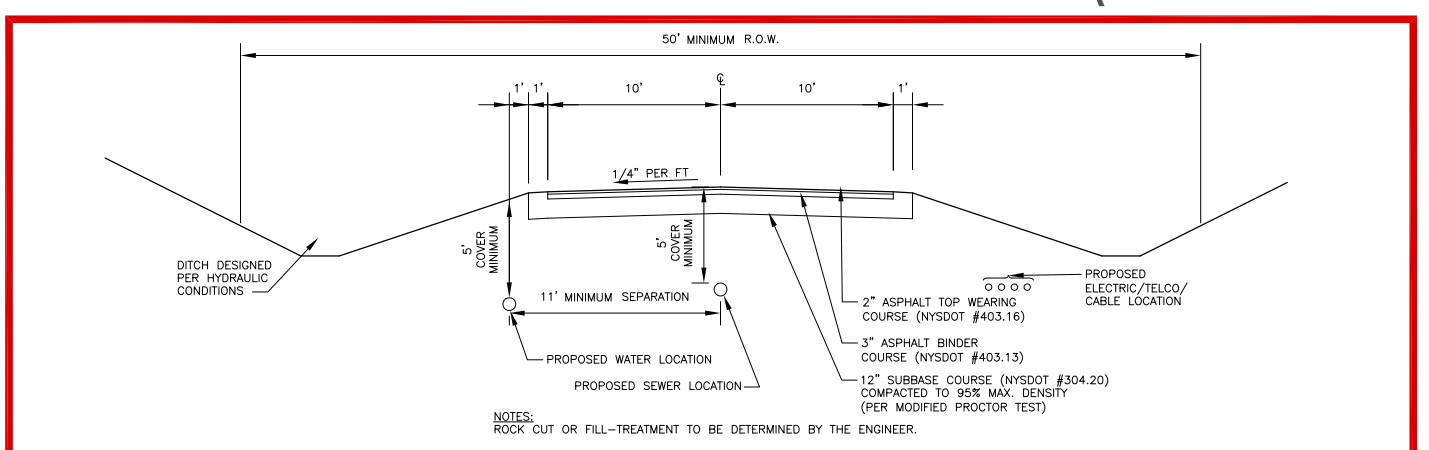


**TYPICAL CUL-DE-SAC**

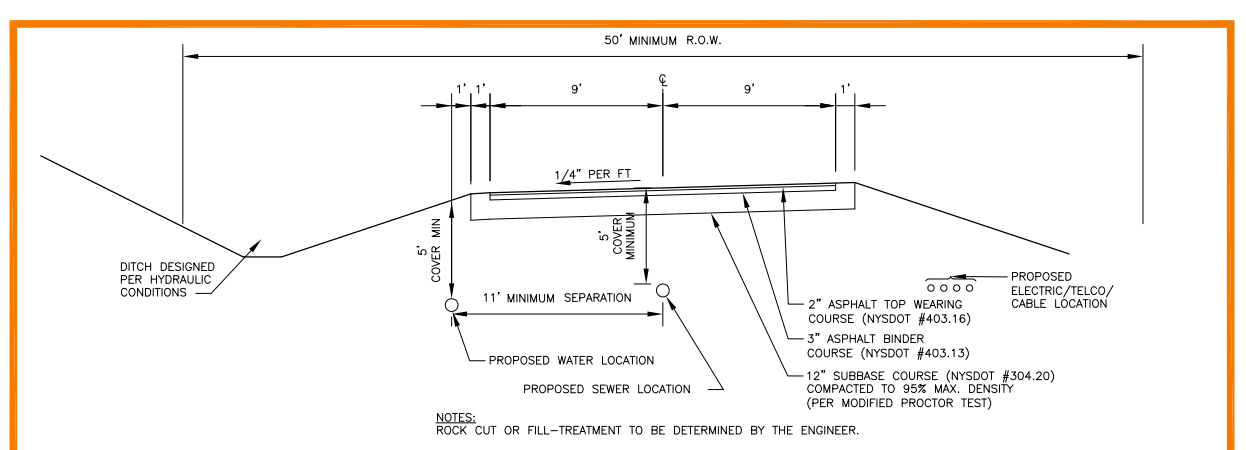
**ROAD ON TANGENT ROAD ON CURVE**



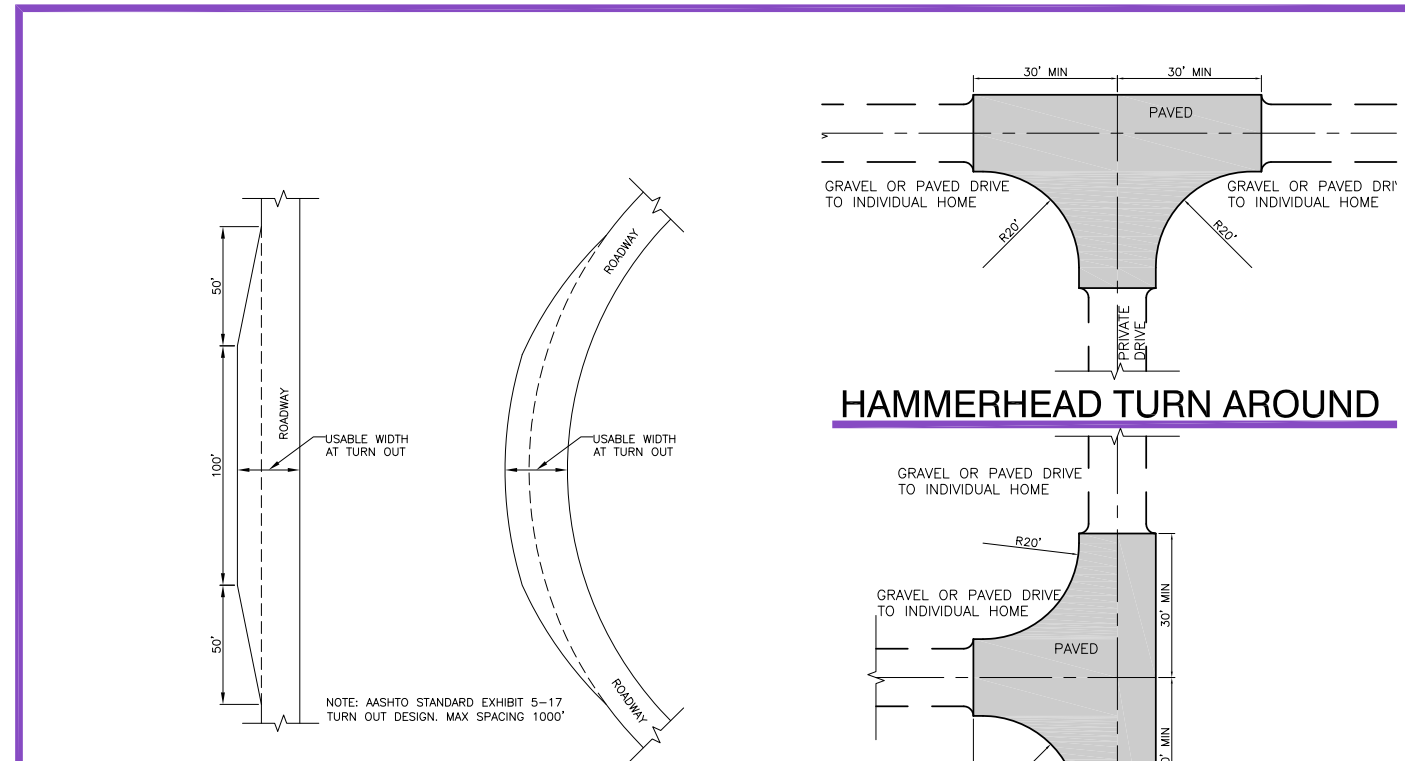
**#4 AASHTO RECREATIONAL ROADS (DEAD ENDS)**



**#1 AASHTO RURAL COLLECTOR ROADS**



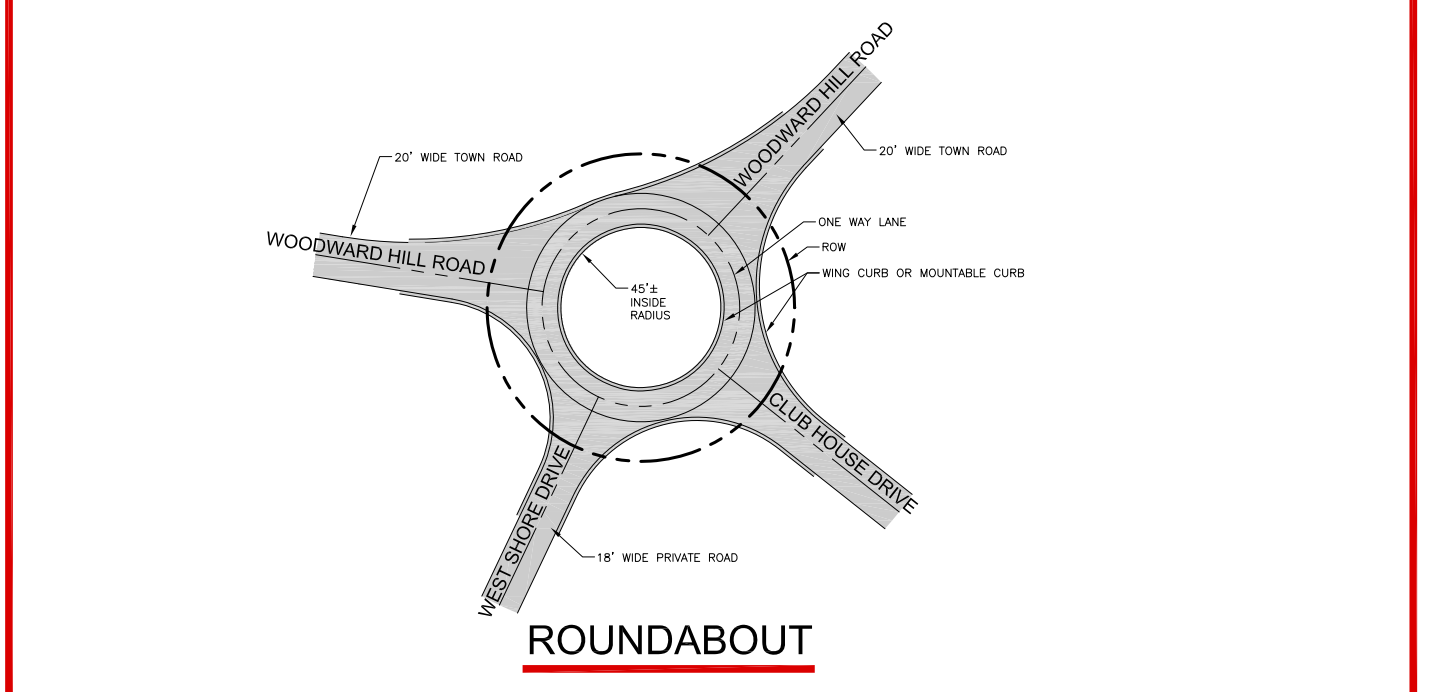
**#2 AASHTO LOCAL RURAL ROADS**



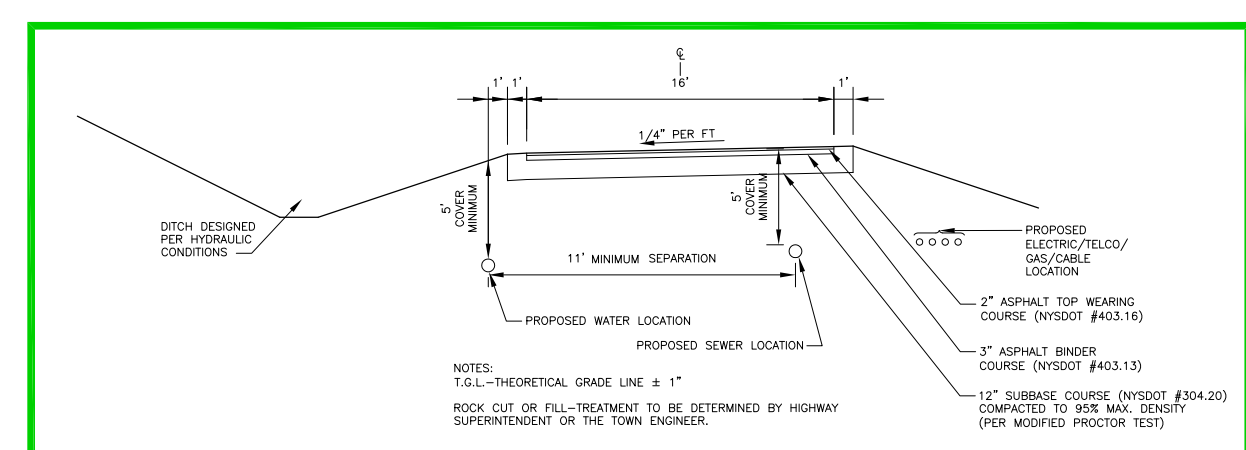
**ROAD ON TANGENT ROAD ON CURVE**

**HAMMERHEAD TURN AROUND**

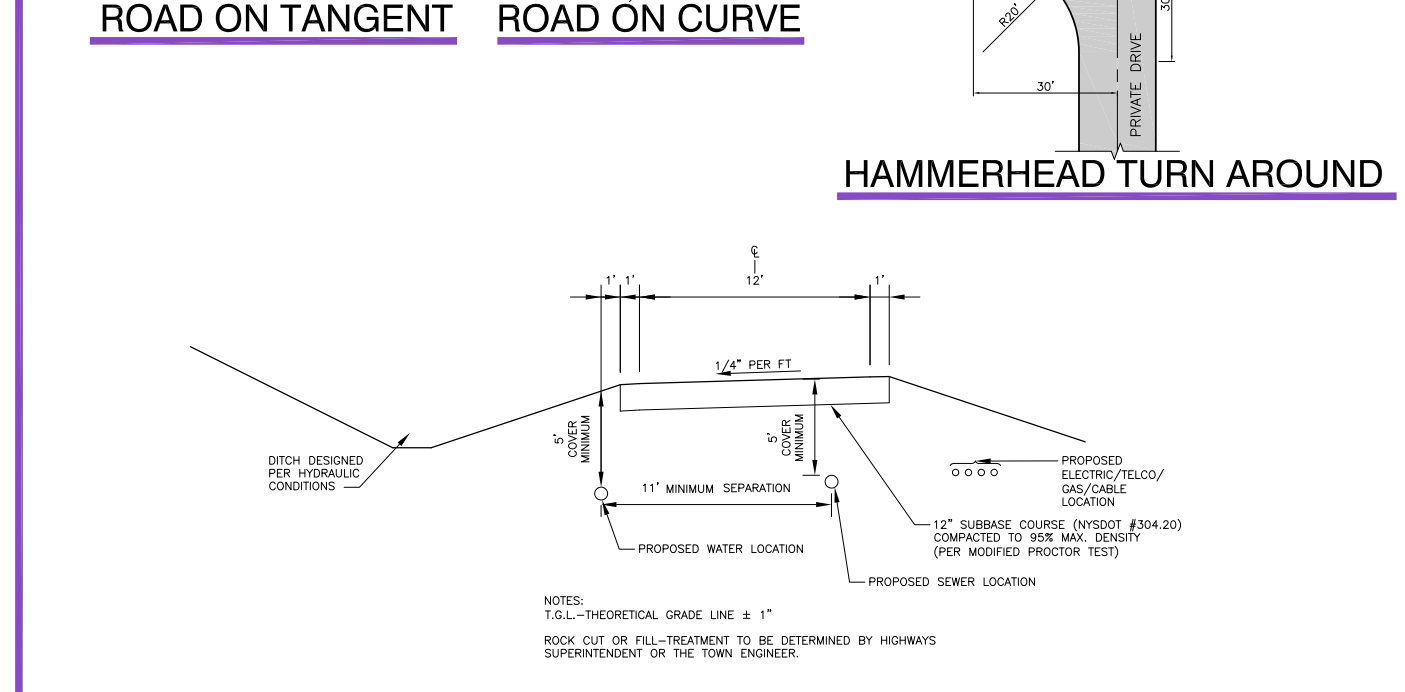
**HAMMERHEAD TURN AROUND**



**ROUNDABOUT**



**#3 AASHTO NEIGHBORHOOD ROADS**



**#5 AASHTO RECREATIONAL ROADS (COMMON DRIVEWAY)**

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR. BLACK AND WHITE COPIES MAY NOT DISPLAY INFORMATION CORRECTLY.



**CARVEL PROPERTY DEVELOPMENT**

TOWNS OF PINE PLAINS & MILAN, DUTCHESS COUNTY, NEW YORK



**ROADWAY AND COMMON DRIVEWAY DESIGN  
NND119**

12/16/2011  
80334.AM

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User: William\_Bailey\_03/24/11 KNO\_BAILEY\_03/24/11 XETAL3\_03/24/11 XTB\_03/24/11 XTB24\_PRESIDENTION  
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