



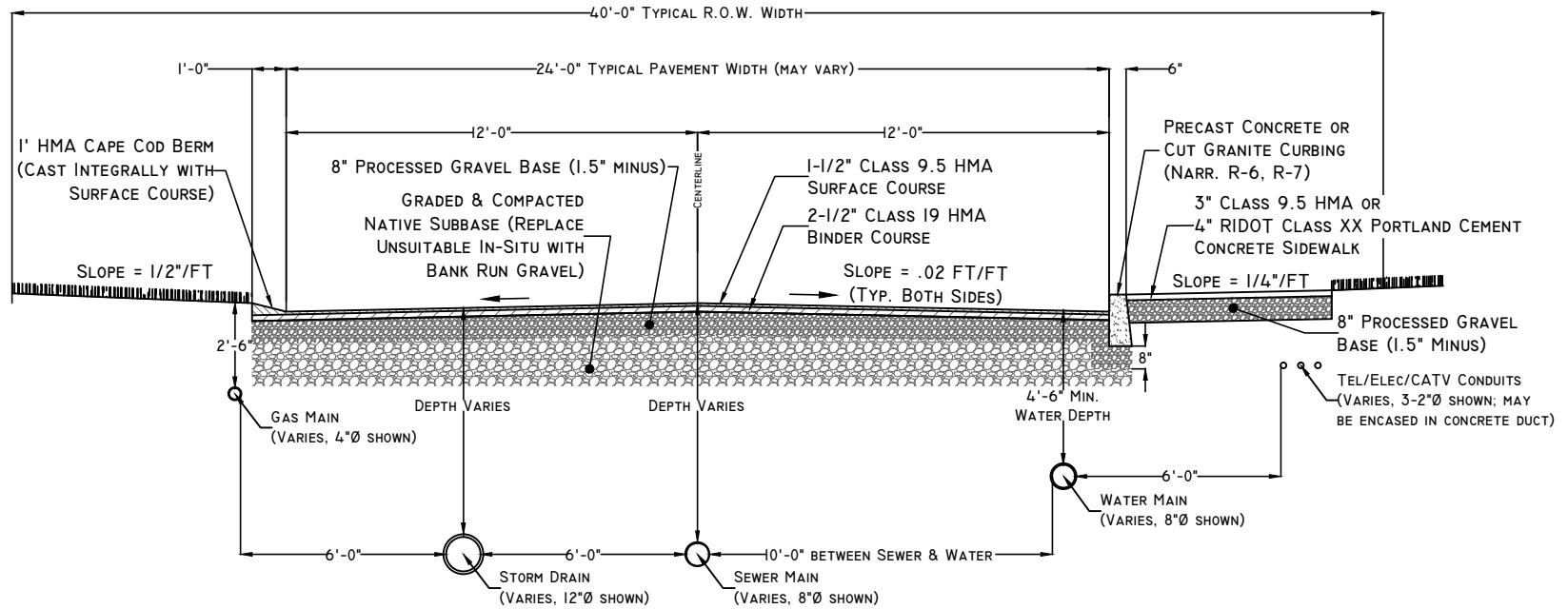
**TOWN OF NARRAGANSETT
STANDARD ROAD DETAILS**



Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Scale: As Noted
 Revisions:

Town of Narragansett - Road Details
 Typical Crowned Road/Utility Cross Section

Drawing No.:
 R-1A



ROADWAY NOTES:

- 1) HOT MIX ASPHALT (HMA) SHALL BE BASED ON AASHTO "SUPERPAVE" ASPHALT DESIGNATIONS, AS ADOPTED BY RIDOT.
- 2) ALL OTHER ROADWAY MATERIALS, INCLUDING GRAVEL, CONCRETE AND CURBING SHALL CONFORM TO THE LATEST EDITION OF THE "RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- 3) LANE WIDTH MAY VARY WITH THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- 4) CONTRACTOR SHALL PROVIDE ANY AND ALL LABORATORY AND FIELD TESTING REQUIRED BY THE TOWN TO DEMONSTRATE/VERIFY THAT MATERIALS CONFORM TO APPLICABLE STANDARDS. MATERIALS FOUND NOT TO CONFORM TO APPLICABLE STANDARDS SHALL BE COMPLETELY REMOVED AND REPLACED WITH SUITABLE MATERIALS.
- 5) THE TOWN SHALL RESERVE THE RIGHT TO MODIFY THE REQUIRED MATERIAL THICKNESSES AND OTHER DIMENSIONS IN SPECIFIC INSTANCES WHERE NON-TYPICAL ROAD LOADINGS AND/OR VEHICLE VOLUMES ARE ANTICIPATED.

UTILITY NOTES:

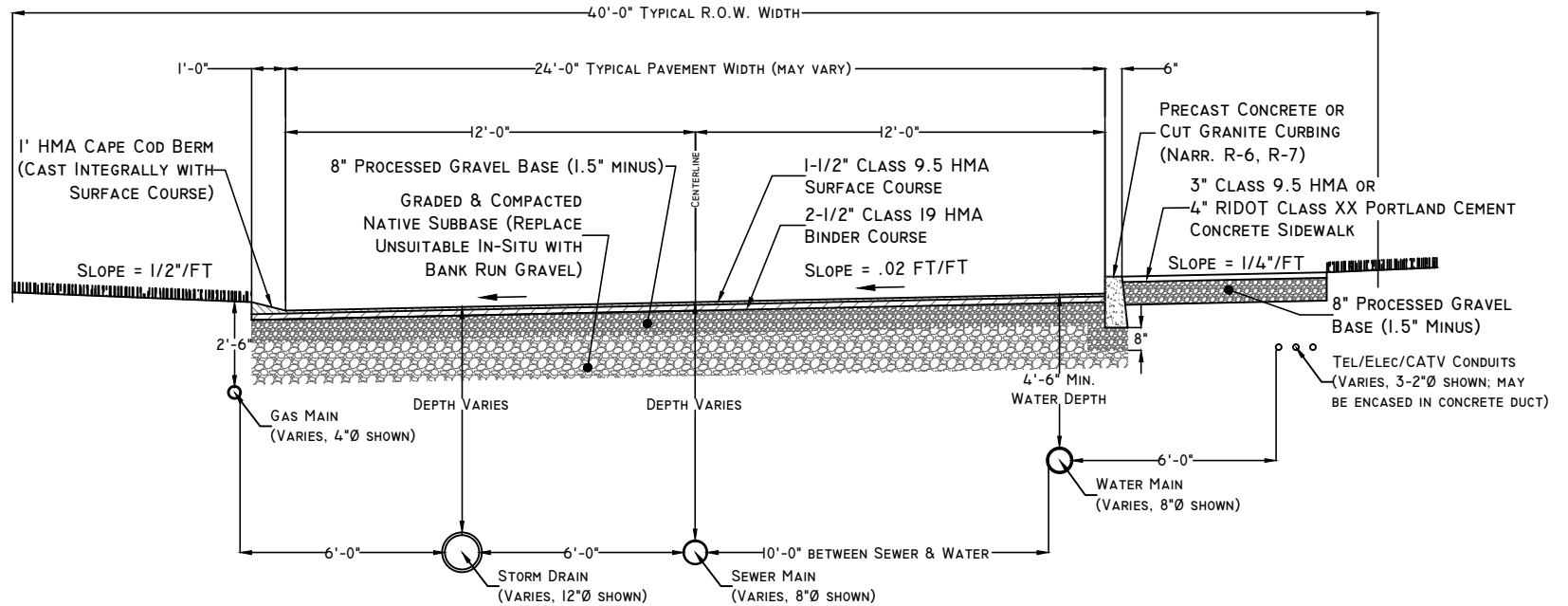
- 1) UTILITY LOCATIONS SHOWN ARE FOR REPRESENTATIVE PURPOSES ONLY; ACTUAL LOCATIONS MAY VARY, PROVIDED THAT ALL CLEARANCE REQUIREMENTS ARE MET.
- 2) GAS, TELEPHONE, ELECTRIC AND CABLE LINES SHALL BE INSTALLED AT A DEPTH AS PER THE APPLICABLE STANDARDS OF EACH UTILITY COMPANY.
- 3) ALL UTILITIES SHALL BE INSTALLED WITH SIX-FOOT MINIMUM HORIZONTAL CLEARANCE FROM ONE ANOTHER.
- 4) WATER AND SEWER MAINS SHALL BE INSTALLED WITH TEN-FOOT MINIMUM CLEARANCE FROM EACH OTHER. IN THE EVENT THAT THIS CLEARANCE CANNOT BE MAINTAINED, THE WATER SHALL BE INSTALLED A MINIMUM OF 18" ABOVE THE SEWERLINE. IN THE EVENT THAT NEITHER THE HORIZONTAL NOR VERTICAL CLEARANCE CAN BE MAINTAINED, THE WATERLINE SHALL BE SLEEVED OR ENCASED IN CONCRETE FOR A LENGTH OF TEN FEET TO EITHER SIDE OF THE CROSSING.
- 5) UNDER CERTAIN CIRCUMSTANCES, AND WITH THE APPROVAL OF THE ENGINEERING DEPARTMENT, THE MINIMUM COVER OVER GRAVITY SEWER MAINS MAY BE LESS THAN SIX FEET.



Date: June 2013
 Drawn By: BFTA
 Checked: Narr. DPW
 Revisions:
 Scale: As Noted

Town of Narragansett - Road Details
 Typical Superelevated Road/Utility Cross Section

Drawing No.:
R-1B



ROADWAY NOTES:

- 1) HOT MIX ASPHALT (HMA) SHALL BE BASED ON AASHTO "SUPERPAVE" ASPHALT DESIGNATIONS, AS ADOPTED BY RIDOT.
- 2) ALL OTHER ROADWAY MATERIALS, INCLUDING GRAVEL, CONCRETE AND CURBING SHALL CONFORM TO THE LATEST EDITION OF THE "RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- 3) LANE WIDTH MAY VARY WITH THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- 4) CONTRACTOR SHALL PROVIDE ANY AND ALL LABORATORY AND FIELD TESTING REQUIRED BY THE TOWN TO DEMONSTRATE/VERIFY THAT MATERIALS CONFORM TO APPLICABLE STANDARDS. MATERIALS FOUND NOT TO CONFORM TO APPLICABLE STANDARDS SHALL BE COMPLETELY REMOVED AND REPLACED WITH SUITABLE MATERIALS.
- 5) THE TOWN SHALL RESERVE THE RIGHT TO MODIFY THE REQUIRED MATERIAL THICKNESSES AND OTHER DIMENSIONS IN SPECIFIC INSTANCES WHERE NON-TYPICAL ROAD LOADINGS AND/OR VEHICLE VOLUMES ARE ANTICIPATED.

UTILITY NOTES:

- 1) UTILITY LOCATIONS SHOWN ARE FOR REPRESENTATIVE PURPOSES ONLY; ACTUAL LOCATIONS MAY VARY, PROVIDED THAT ALL CLEARANCE REQUIREMENTS ARE MET.
- 2) GAS, TELEPHONE, ELECTRIC AND CABLE LINES SHALL BE INSTALLED AT A DEPTH AS PER THE APPLICABLE STANDARDS OF EACH UTILITY COMPANY.
- 3) ALL UTILITIES SHALL BE INSTALLED WITH SIX-FOOT MINIMUM HORIZONTAL CLEARANCE FROM ONE ANOTHER.
- 4) WATER AND SEWER MAINS SHALL BE INSTALLED WITH TEN-FOOT MINIMUM CLEARANCE FROM EACH OTHER. IN THE EVENT THAT THIS CLEARANCE CANNOT BE MAINTAINED, THE WATER SHALL BE INSTALLED A MINIMUM OF 18" ABOVE THE SEWERLINE. IN THE EVENT THAT NEITHER THE HORIZONTAL NOR VERTICAL CLEARANCE CAN BE MAINTAINED, THE WATERLINE SHALL BE SLEEVED OR ENCASED IN CONCRETE FOR A LENGTH OF TEN FEET TO EITHER SIDE OF THE CROSSING.
- 5) UNDER CERTAIN CIRCUMSTANCES, AND WITH THE APPROVAL OF THE ENGINEERING DEPARTMENT, THE MINIMUM COVER OVER GRAVITY SEWER MAINS MAY BE LESS THAN SIX FEET.

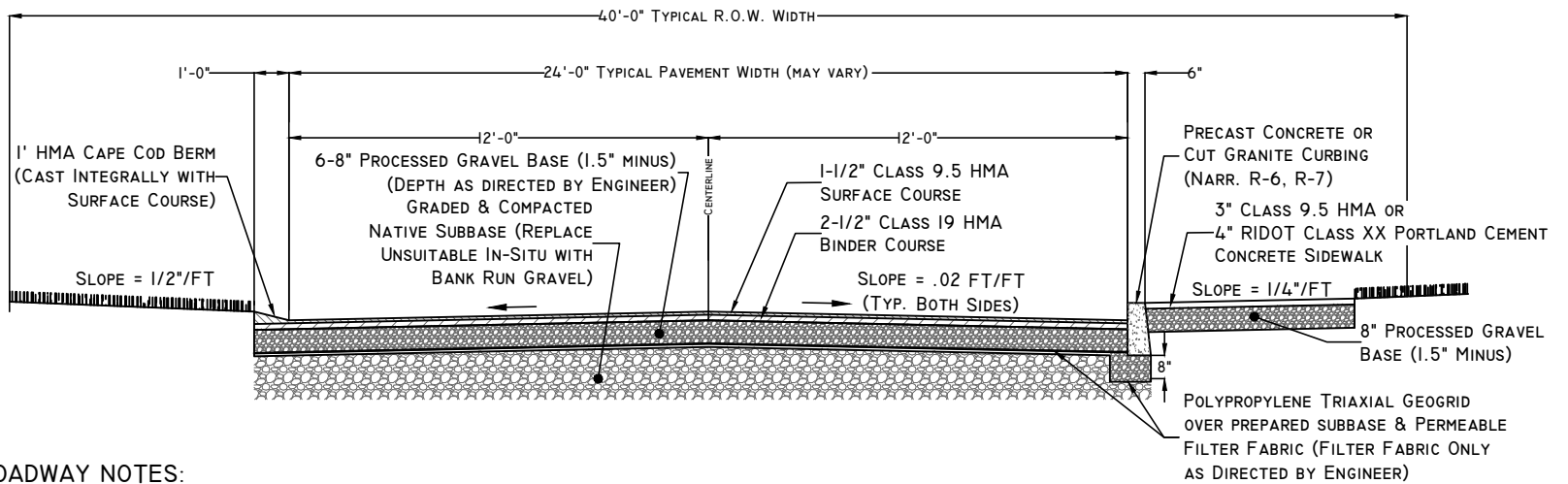


Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Revisions:

Town of Narragansett - Road Details

Typical Reinforced Road Cross Section

Drawing No.:
R-1C



ROADWAY NOTES:

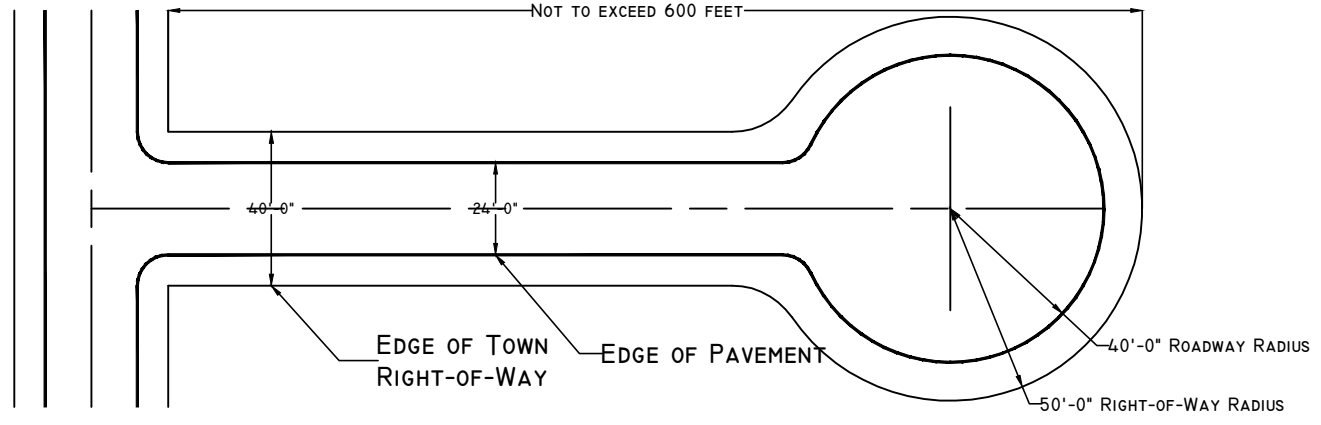
- 1) REFER TO DETAILS RIA AND RIB FOR ADDITIONAL INFORMATION ON ROADWAY MATERIALS AND UTILITIES.
- 2) THE TOWN SHALL RESERVE THE RIGHT TO REQUIRE TRIAXIAL GEOGRID REINFORCEMENT IN INSTANCES WHERE A) NON-TYPICAL ROAD LOADINGS AND/OR VEHICLE VOLUMES ARE ANTICIPATED, B) HIGH WATER TABLES (I.E. LESS THAN 4 FEET DEEP) ARE OBSERVED OR ANTICIPATED, C) UNDERLYING IN-SITU SUBBASE CANNOT REASONABLY BE STABILIZED WITH NEW BANK RUN GRAVEL, OR ANY COMBINATION OF THE PRECEDING.
- 3) TRIAXIAL GEOGRID SHALL BE "TriAx" AS MANUFACTURED BY TENSAR, OR APPROVED EQUAL, AND SHALL BE TRANSPORTED, STORED AND INSTALLED IN ACCORDANCE WITH ALL MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.



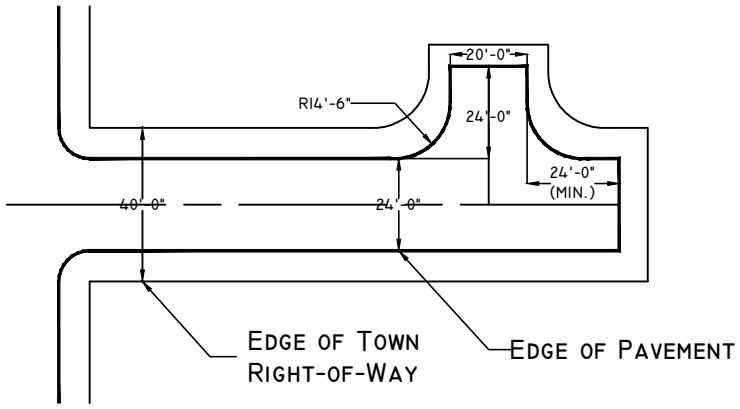
Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Scaler: As Noted
 Revisions:

Town of Narragansett - Road Details
 Typical Roadway Turn-Arounds

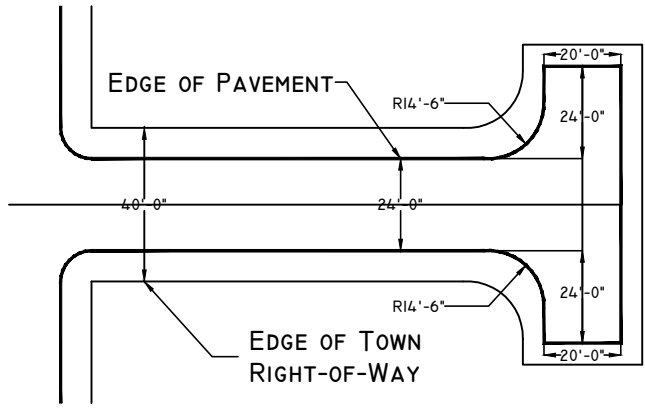
Drawing No.:
 R-2



CUL-DE-SAC



SIDE "TEE" TURN-AROUND



HAMMERHEAD TURN-AROUND

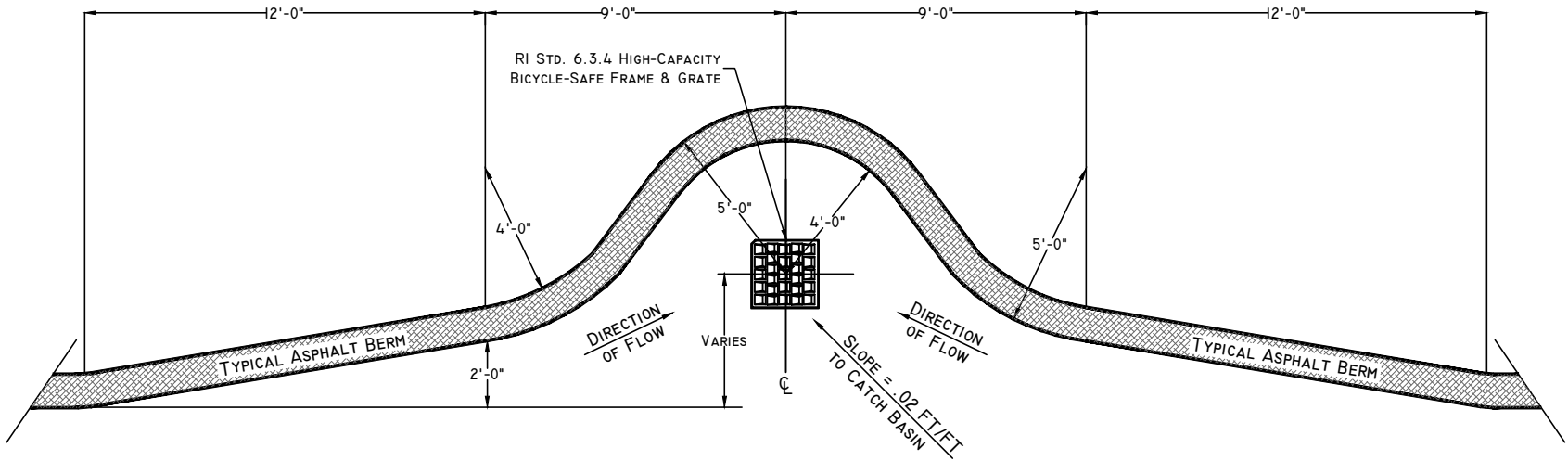
- NOTES:**
- 1) ROADWAY TURN-AROUNDS SHALL BE REQUIRED AT THE ENDS OF ALL ROADWAYS (PUBLIC AND PRIVATE) WITH A SINGLE INLET/OUTLET.
 - 2) PROPOSED TURN-AROUNDS SHALL BE SUBJECT TO REVIEW AND APPROVAL BY THE TOWN ENGINEER, THE DIRECTOR OF PUBLIC WORKS, AND THE FIRE MARSHAL.
 - 3) ON PUBLIC ROADS, THE TOWN RIGHT-OF-WAY SHALL BE SUFFICIENTLY ENLARGED AT THE PROPOSED TURN-AROUND SO THAT THE ENTIRE TURN-AROUND IS CONTAINED WITHIN TOWN PROPERTY - ROADWAY EASEMENTS FOR TURN-AROUNDS WILL NOT BE ACCEPTED.



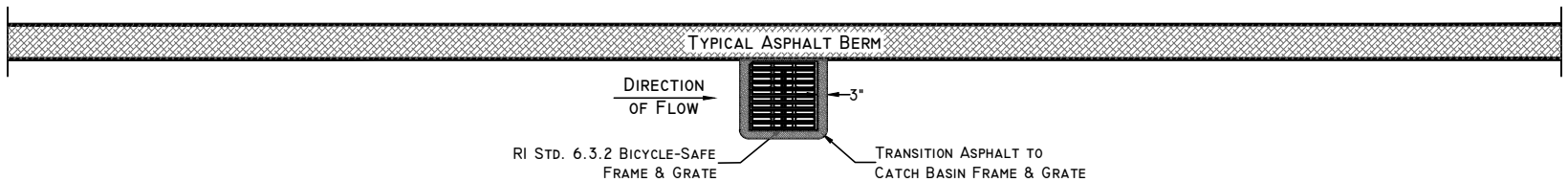
Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Scaler: As Noted
 Revisions:

Town of Narragansett - Road Details
 Asphalt Details at Catch Basins/Drop Inlets

Drawing No.:
R-3



TYPICAL LOW-POINT CATCH BASIN



TYPICAL GUTTER CATCH BASIN

CATCH BASIN NOTES:

- 1) LOW-POINT CATCH BASINS SHALL BE INSTALLED AT ROADWAY LOW POINTS WHERE THERE IS SUFFICIENT SPACE TO FIT THE STRUCTURE AND PAVEMENT COMPLETELY IN THE TOWN RIGHT-OF-WAY.
- 2) TYPICAL GUTTER CATCH BASINS SHALL BE INSTALLED IN ROADWAYS AT LOCATIONS OTHER THAN LOW POINTS, OR AT LOW POINTS WHERE THERE IS INSUFFICIENT SPACE TO FIT THE STRUCTURE AND PAVEMENT COMPLETELY IN THE TOWN RIGHT-OF-WAY.
- 3) GUTTER CATCH BASINS SHALL BE SET 1/2" - 1" BELOW THE ROAD GRADE; THE ADJACENT ASPHALT SHALL BE TRANSITIONED TO THE FRAME & GRATE OVER A 3" DISTANCE FROM THE EDGE OF THE FRAME & GRATE.

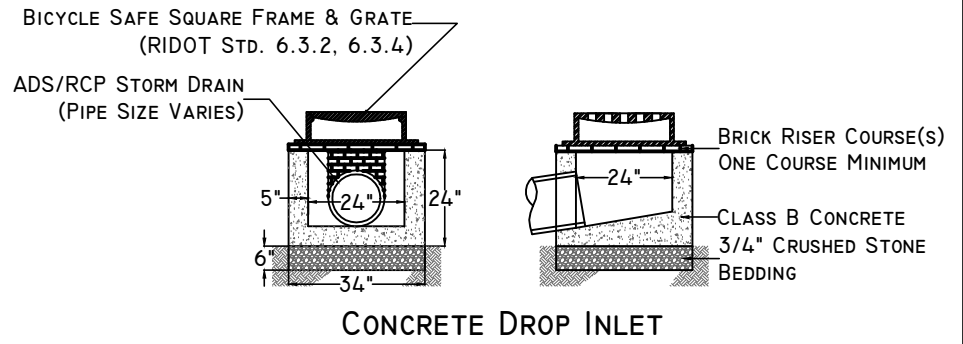
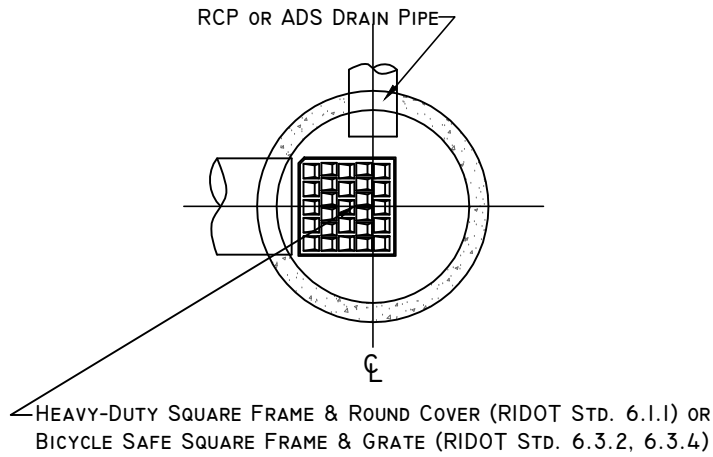


Revisions:	
Staler: As Noted	
Checked: Narr. DPW	
Drawn By: BETA	
Date: June 2013	

Town of Narragansett - Road Details

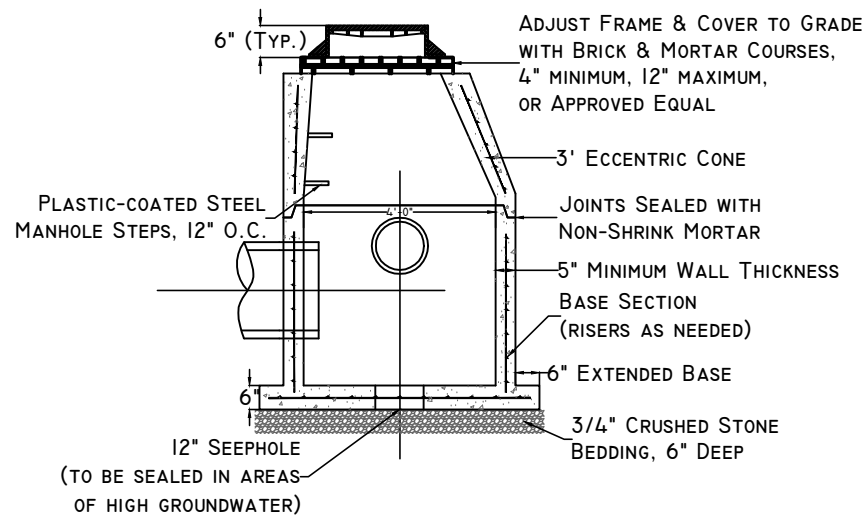
Storm Drain Structure Details 1

Drawing No.:
R-4A



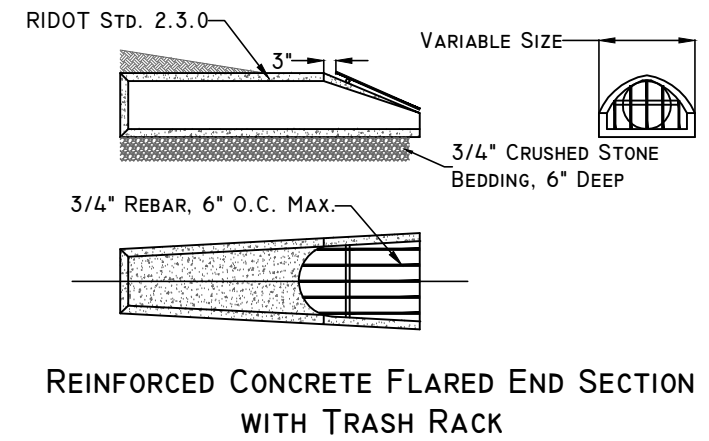
NOTES:

1. DROP INLETS SHALL BE SECTIONAL PRECAST CONCRETE. FIELD-CONSTRUCTED CONCRETE BLOCK STRUCTURES SHALL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE ENGINEERING DEPARTMENT.
2. DROP INLETS SHALL BE ALLOWED IN LOCATIONS WHERE THERE IS INSUFFICIENT VERTICAL CLEARANCE FOR A FULL CATCH BASIN STRUCTURE.



NOTES:

1. CATCH BASINS/DRAIN MANHOLE STRUCTURES SHALL BE SECTIONAL PRECAST CONCRETE. FIELD-CONSTRUCTED CONCRETE BLOCK STRUCTURES SHALL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE ENGINEERING DEPARTMENT.
2. BASE SEEP HOLE SHALL BE LEFT OPEN UNLESS THE GROUNDWATER TABLE RISES ABOVE THE LEVEL OF THE BASE OF THE STRUCTURE AT ANY TIME OF THE YEAR.
3. ALL OPEN GRATES SHALL BE BICYCLE-SAFE STYLE PER RIDOT SPECIFICATIONS.
4. TYPICAL FRAMES SHALL BE 8" DEEP; 4" OR 8" FRAMES MAY BE SUBSTITUED AS NEEDED, PROVIDED THAT THE FRAME MEETS ALL OTHER TOWN REQUIREMENTS AND WITH THE APPROVAL OF THE ENGINEER.



NOTES:

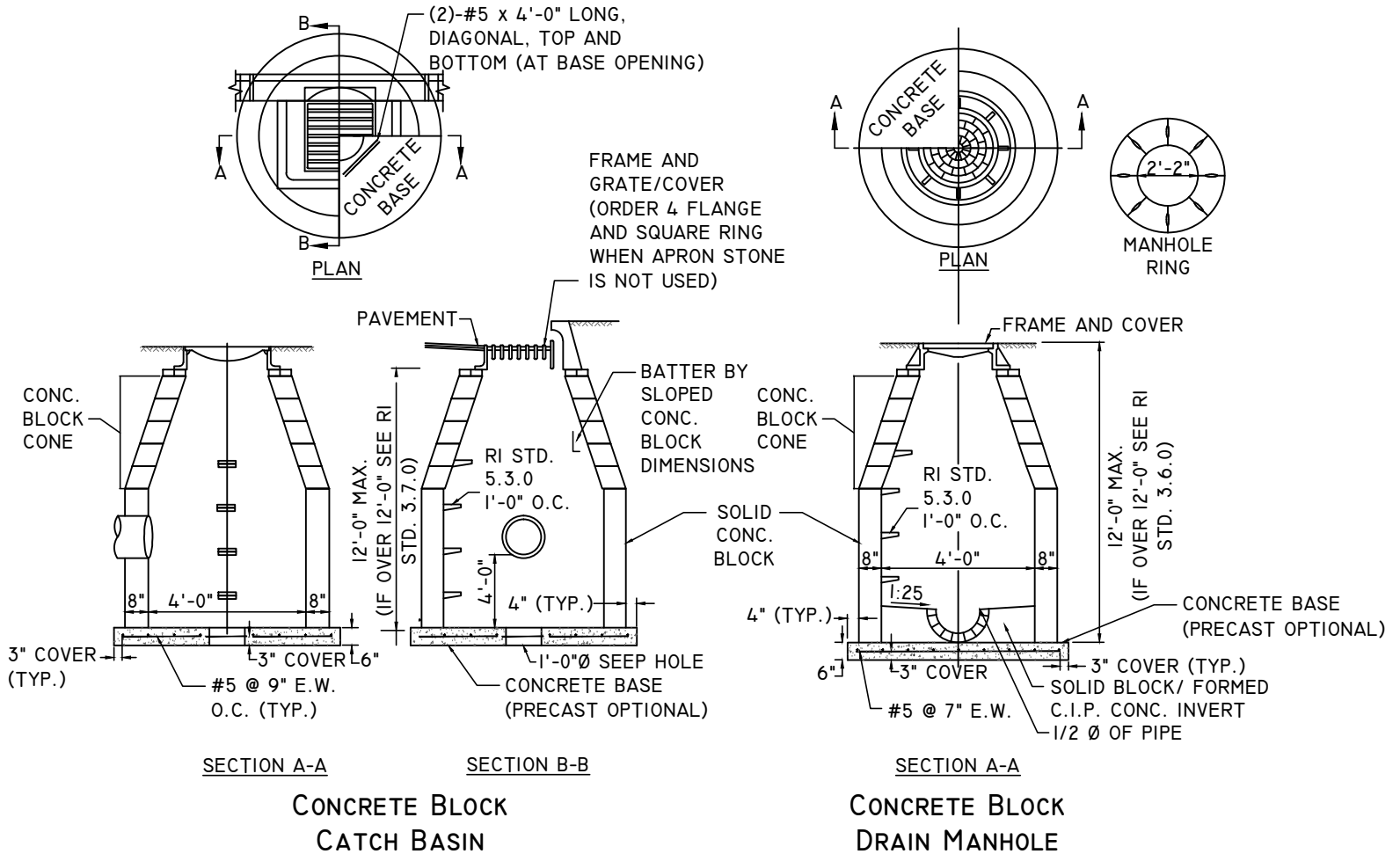
1. FLARED END DIMENSIONS SHALL CORRESPOND TO THE INCOMING PIPE SIZE, AS PER RIDOT SPECIFICATIONS.
2. ALL REBAR JOINTS SHALL BE WELDED; REBAR TIES OR OTHER CONNECTIONS SHALL NOT BE ACCEPTED.
3. ALL REBAR SHALL BE TREATED WITH A CORROSION-PROTECTION COATING (SHERWIN-WILLIAMS POLANE POLYURETHANE TWO-PART MIX, OR APPROVED EQUAL), SHOP-APPLIED AND CURED AFTER FABRICATION OF TRASH RACK.



Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Staler: As Noted
 Revisions:

Town of Narragansett - Road Details
 Storm Drain Structure Details 2

Drawing No.:
R-4B



NOTES (APPLICABLE TO BOTH):

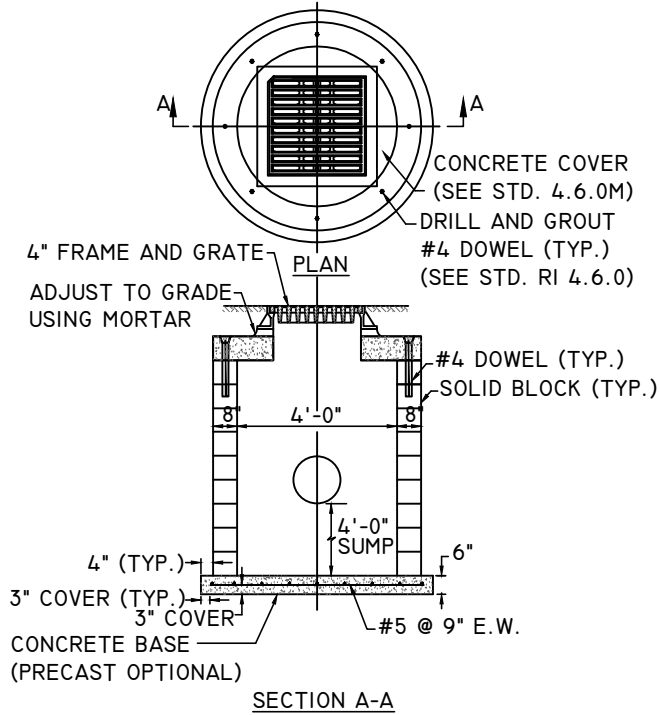
- 1) SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
- 2) 1/2" CEMENT MORTAR PLASTER COAT REQUIRED ON ALL INSIDE AND OUTSIDE SURFACES.
- 3) REFER TO RI STD. 5.2.0 FOR MAXIMUM PIPE SIZES.
- 4) THIS DETAIL IS INTENDED TO CONVEY GENERAL CONFIGURATION AND MATERIALS OF THESE TYPES OF STRUCTURES, AND MAY VARY TO SUIT ACTUAL FIELD CONDITIONS; MODIFICATIONS TO INDIVIDUAL STRUCTURES SHALL BE REVIEWED AND APPROVED BY THE ENGINEER.



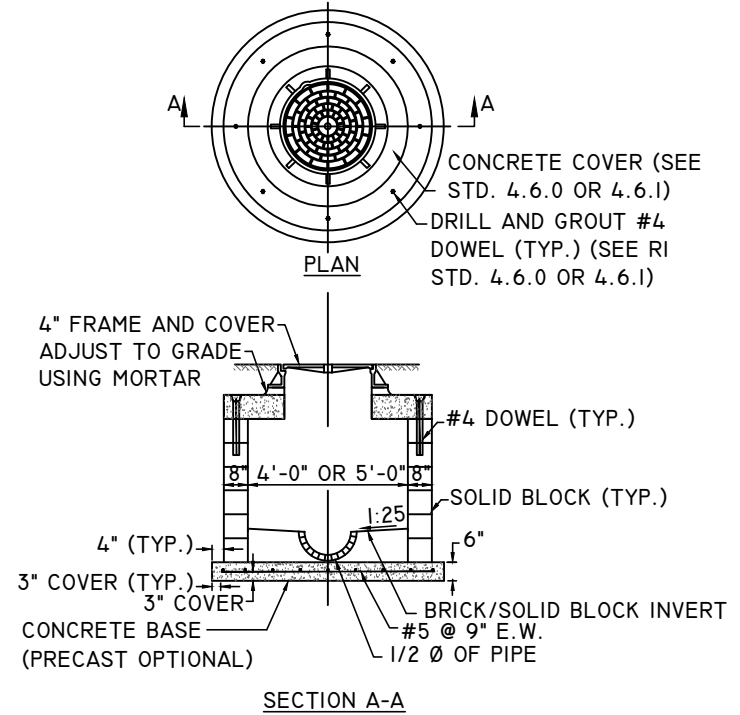
Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Scaled: As Noted
 Revisions:

Town of Narragansett - Road Details
 Storm Drain Structure Details 3

Drawing No.:
R-4C



**BRICK/CONCRETE BLOCK
SHALLOW CATCH BASIN**



**BRICK/CONCRETE BLOCK
SHALLOW DRAIN MANHOLE**

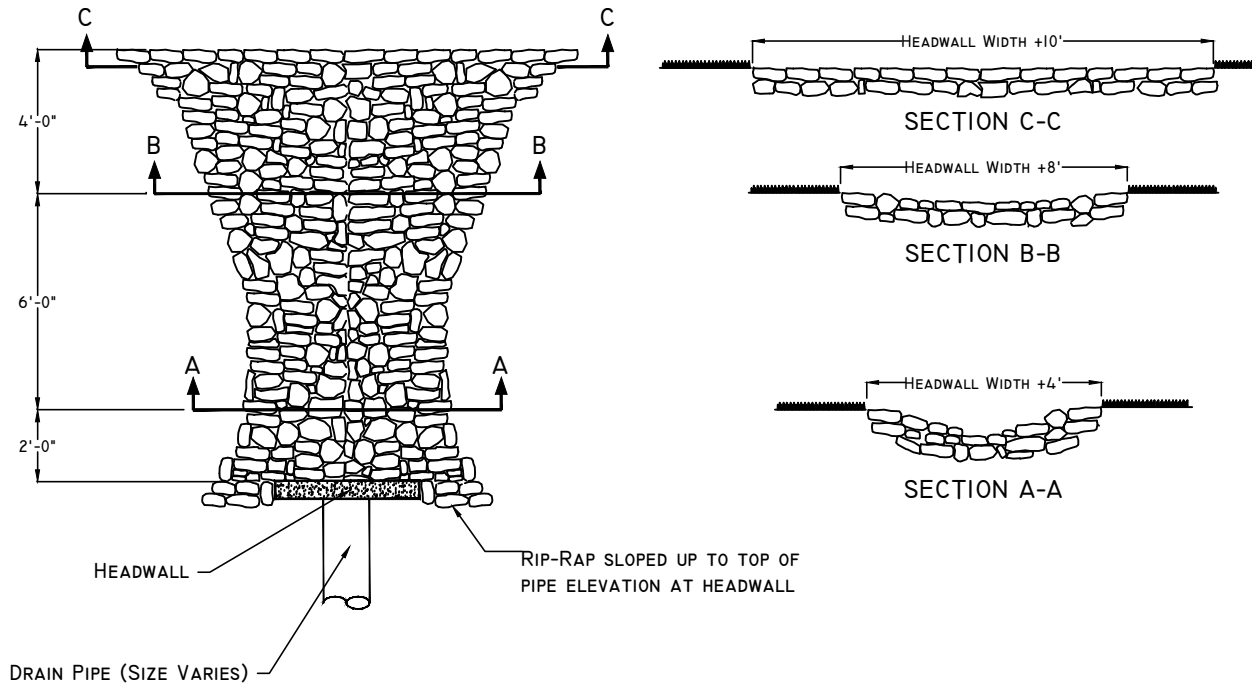
NOTES (APPLICABLE TO BOTH):

- 1) SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
- 2) 1/2" CEMENT MORTAR PLASTER COAT REQUIRED ON ALL INSIDE AND OUTSIDE SURFACES.
- 3) REFER TO RI STD. 5.2.0 FOR MAXIMUM PIPE SIZES.
- 4) ADJUST DOWEL LOCATION BASED ON PIPE CONFIGURATION, AS REQUIRED.
- 5) PIPE COVER FOR THIS DETAIL SHALL BE 1'-6" TO 3'-0".
- 6) ALL PIPES SHALL BE SEALED TO MANHOLE ON INSIDE AND OUTSIDE SURFACES.
- 7) SUMP DEPTH MAY BE REDUCED AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.



Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Scaler: As Noted
 Revisions:

Town of Narragansett - Road Details
 Typical Rip-Rap Swale Detail



NOTES:

- 1) RIP-RAP AND BEDDING SHALL CONFORM TO THE LATEST EDITION OF THE "RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- 2) DIMENSIONS MAY BE MODIFIED TO CONFORM TO FIELD CONDITIONS WITH THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- 3) RIP-RAP SHALL BE DUMPED INTO PLACE TO CREATE A RANDOM STONE ARRANGEMENT AND VOIDS BETWEEN STONES.

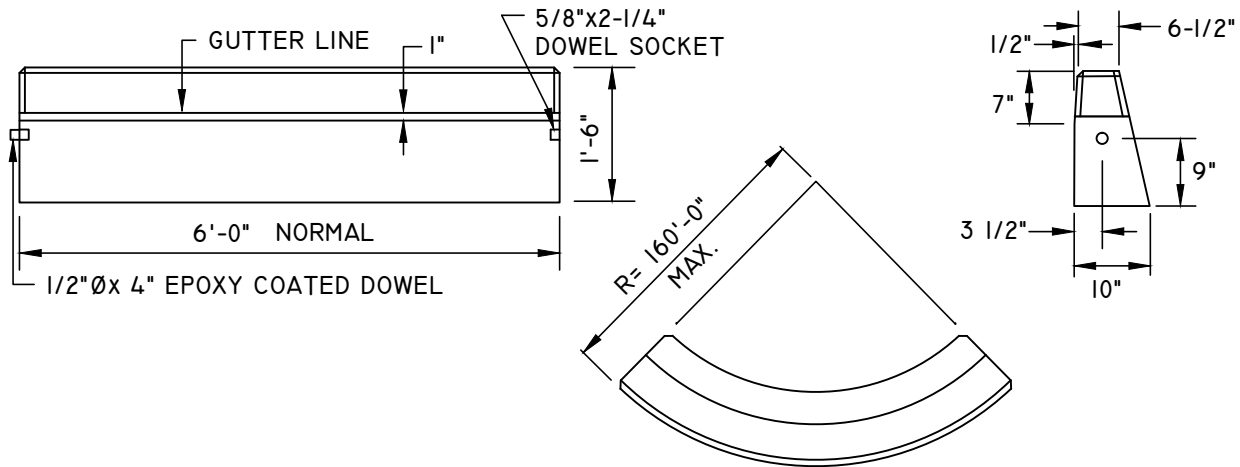
Drawing No.:
 R-5



Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Sealer: As Noted
 Revisions:

Town of Narragansett - Road Details
 Typical Precast Concrete Curb

Drawing No.:
 R-6A



CIRCULAR CURB

NOTES:

- 1) SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
- 2) MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0".
- 3) EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.
- 4) CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF 160'-0" OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 160'-0" RADIUS.
- 5) EXPOSED EDGES TO HAVE A 3/4" CHAMFER.

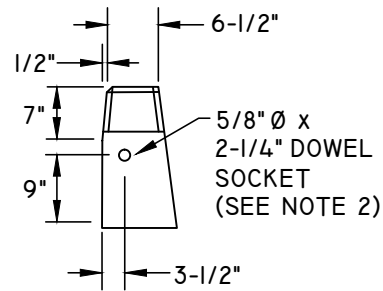
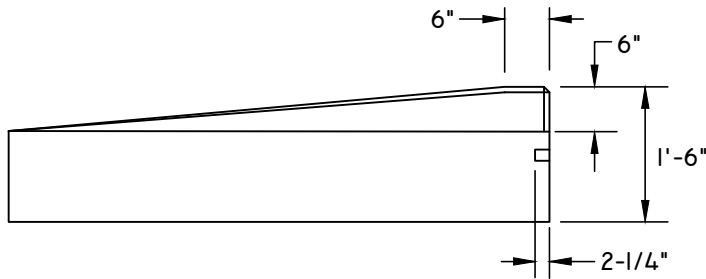
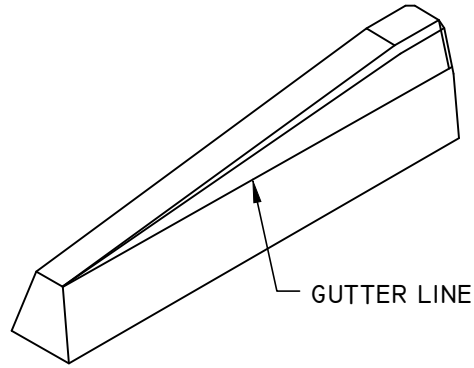
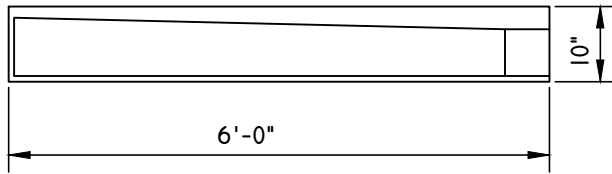


Date: June 2013
Drawn By: BETA
Checked: Narr. DPW
Scaler: As Noted
Revisions:

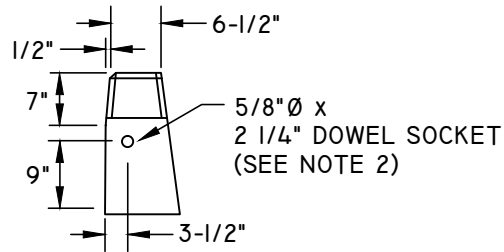
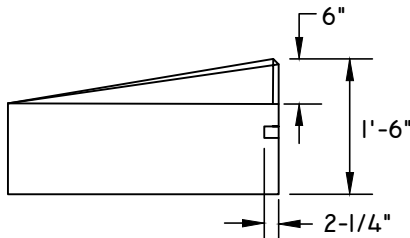
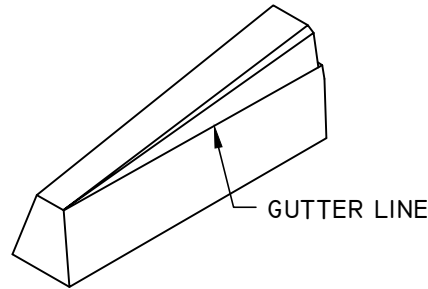
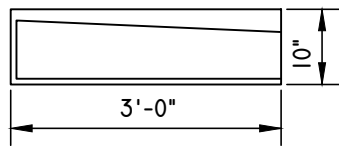
Town of Narragansett - Road Details
 Typical Precast Concrete Transition Curbs

Drawing No.:
R-6B

6'-0" TRANSITION CURB



3'-0" TRANSITION CURB



NOTES:

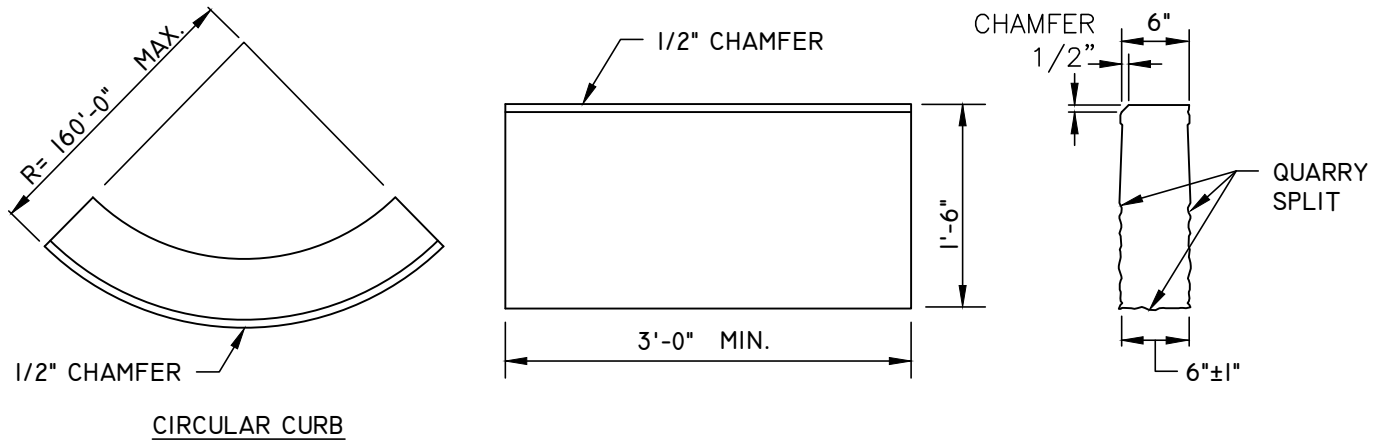
- 1) SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
- 2) DRAWING SHOWS TRANSITION CURB FOR ONE DIRECTION, FOR OTHER DIRECTION USE
- 3) OPPOSITE HAND AND INCLUDE A 1/2"Ø x 4" EPOXY COATED DOWEL.
- 4) EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.
- 5) EXPOSED EDGES TO HAVE A 3/4" CHAMFER.
- 6) LEFT AND RIGHT SECTIONS SHALL BE INSTALLED AS REQUIRED.



Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Scaled: As Noted
 Revisions:

Town of Narragansett - Road Details
 Typical Granite Curb

Drawing No.:
 R-7A



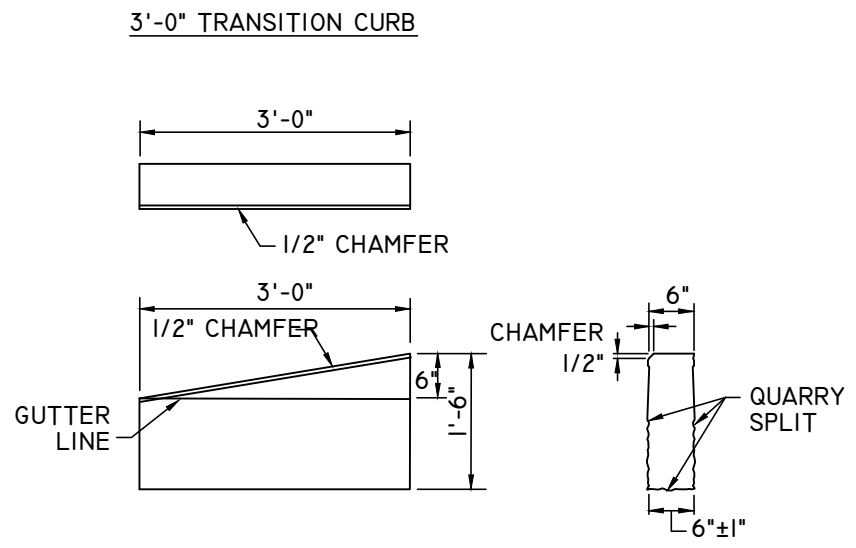
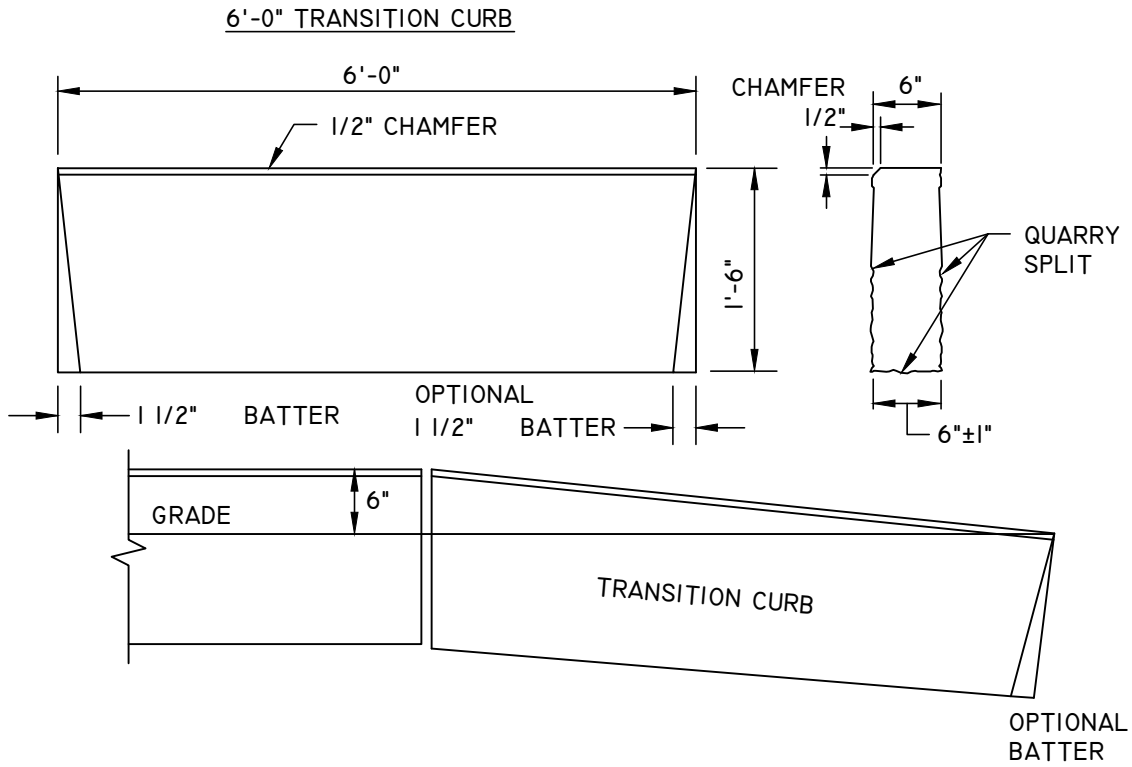
- NOTES:
- 1) SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 - 2) TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.
 - 3) MINIMUM LENGTH OF STRAIGHT OR CIRCULAR PIECES TO BE $3'-0''$.
 - 4) CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF $160'-0''$ OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN $160'-0''$ RADIUS.



Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Staler: As Noted
 Revisions:

Town of Narragansett - Road Details
 Typical Granite Transition Curbs

Drawing No.:
R-7B



- NOTES:
- 1) SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 - 2) TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.
 - 3) THE CONTRACTOR MAY CUT EXISTING CURB SECTIONS AS REQUIRED TO MEET THIS DETAIL AND THE R.I. STANDARD SPECIFICATIONS, WHERE OLD CURBING IS BEING REUSED.

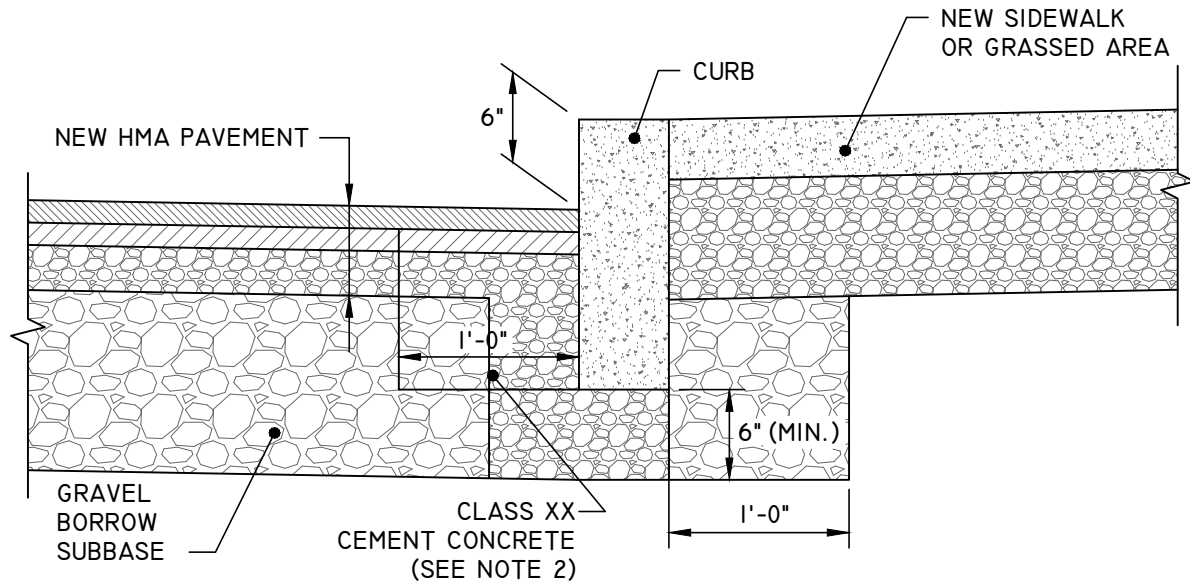


Date: June 2013
Drawn By: BETA
Checked: Narr. DPW
Scaler: As Noted
Revisions:

Town of Narragansett - Road Details

Typical Curb Setting Detail

Drawing No.:
R-8



NOTES:

- 1) SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
- 2) CEMENT CONCRETE CURB-LOCK SHALL BE USED AS APPLICABLE AND DIRECTED BY THE TOWN.

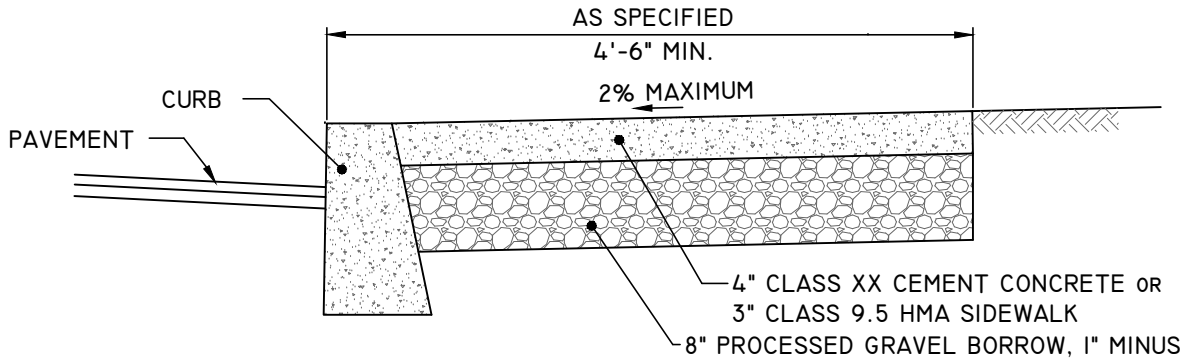


Date: June 2013
Drawn By: BETA
Checked: Narr. DPW
Scale: As Noted
Revisions:

Town of Narragansett - Road Details

Typical HMA/Cement Concrete Sidewalk Detail

Drawing No.:
R-9A



NOTES

- 1) SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
- 2) FOR CURB SETTING DETAIL, SEE NARRAGANSETT R-8.



Date: June 2013

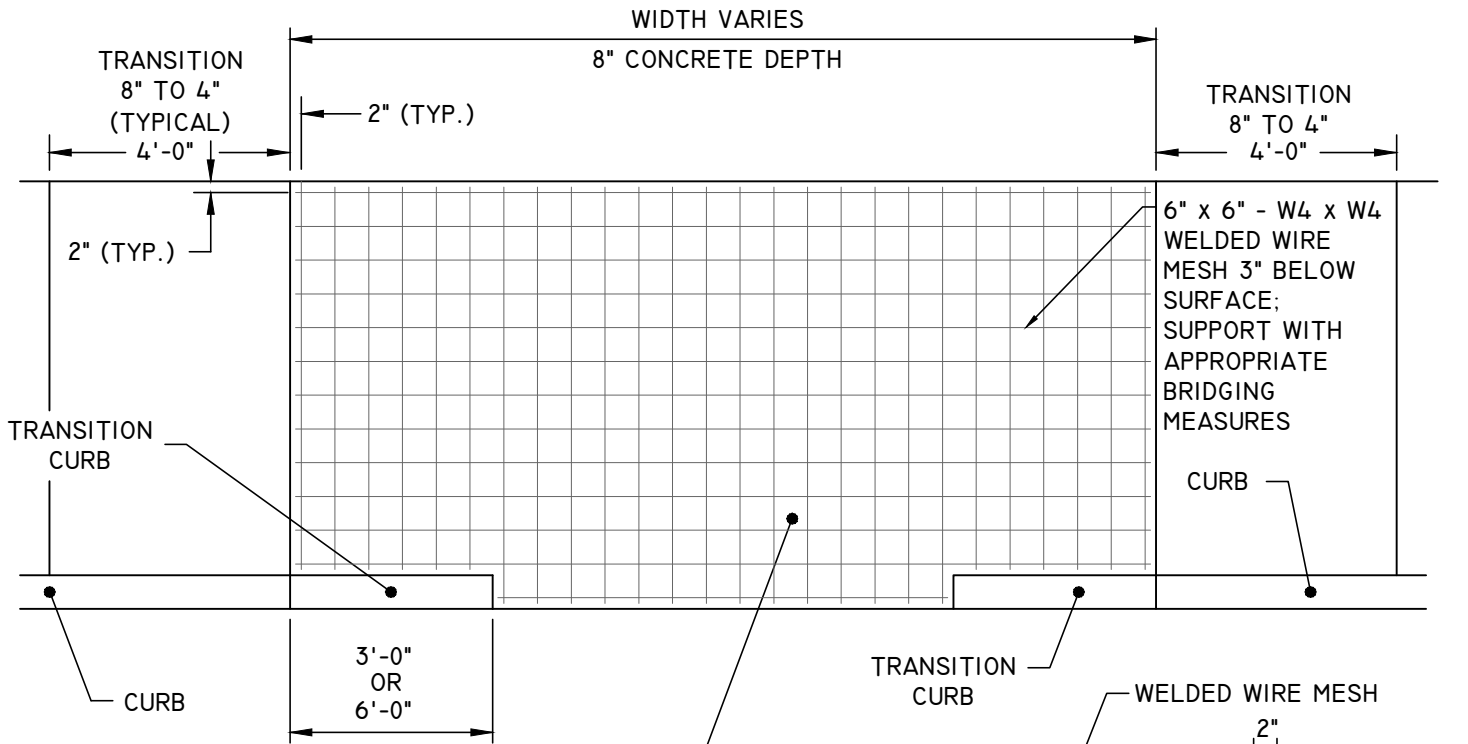
Drawn By: BETA

Checked: Narr. DPW

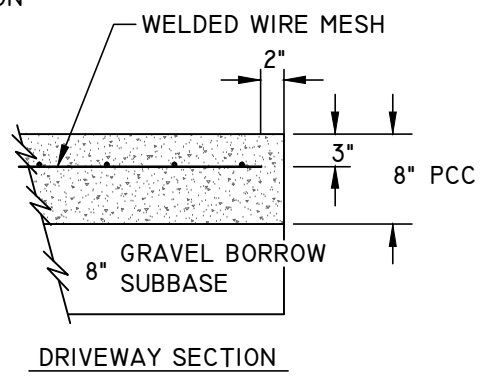
Scaler: As Noted

Revisions:

Town of Narragansett - Road Details Cement Concrete Driveway



6" x 6" - W4 x W4
WELDED WIRE
MESH 3" BELOW
SURFACE;
SUPPORT WITH
APPROPRIATE
BRIDGING
MEASURES



NOTE:
SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE
R.I. STANDARD SPECIFICATIONS.

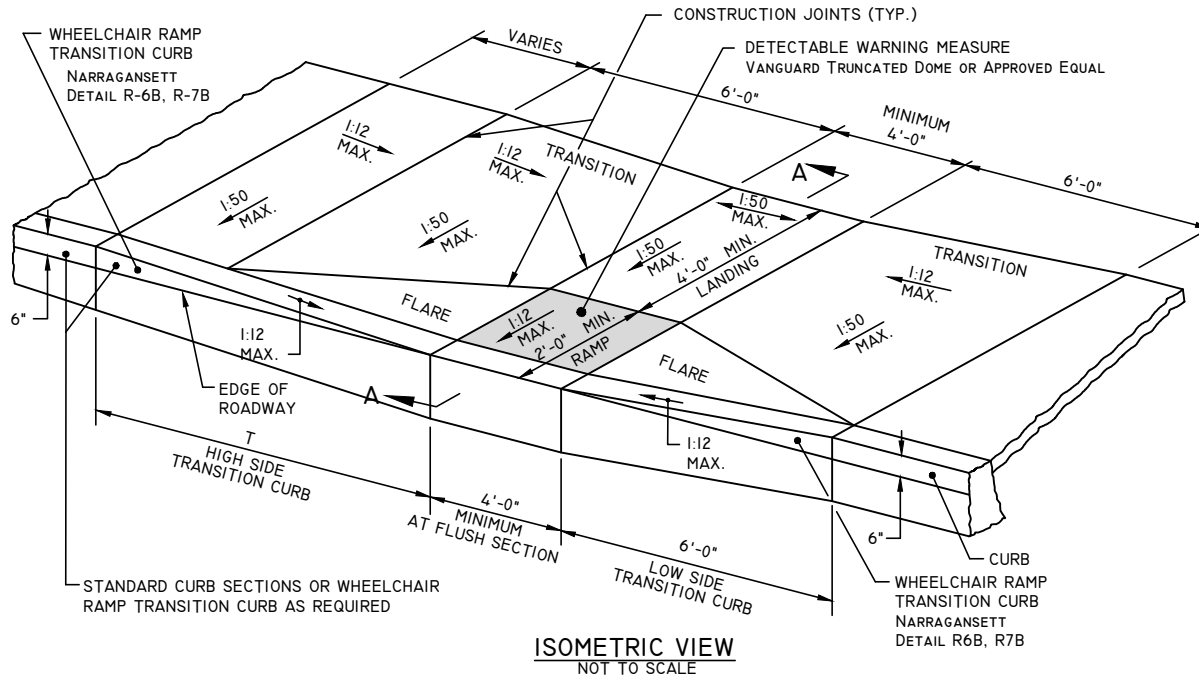
Drawing No.:
R-9B



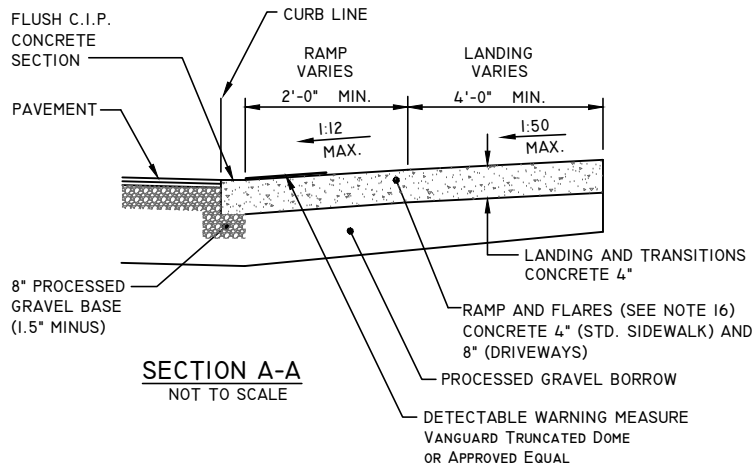
Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Scale: As Noted
 Revisions:

Town of Narragansett - Road Details
 ADA-Compliant Sidewalk Ramp

Drawing No.:
 R-10A



ROADWAY PROFILE GRADE	T (FT.)
0.00	6.0
0.01	7.0
0.02	8.0
0.03	9.5
0.04	11.5
0.05	15.0
>0.05	18.0



NOTES:

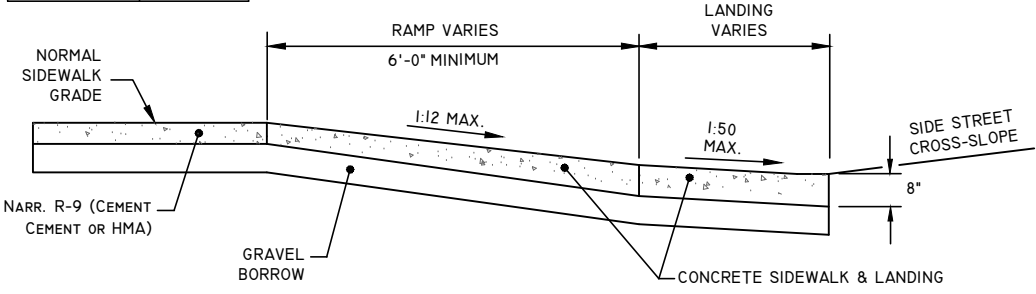
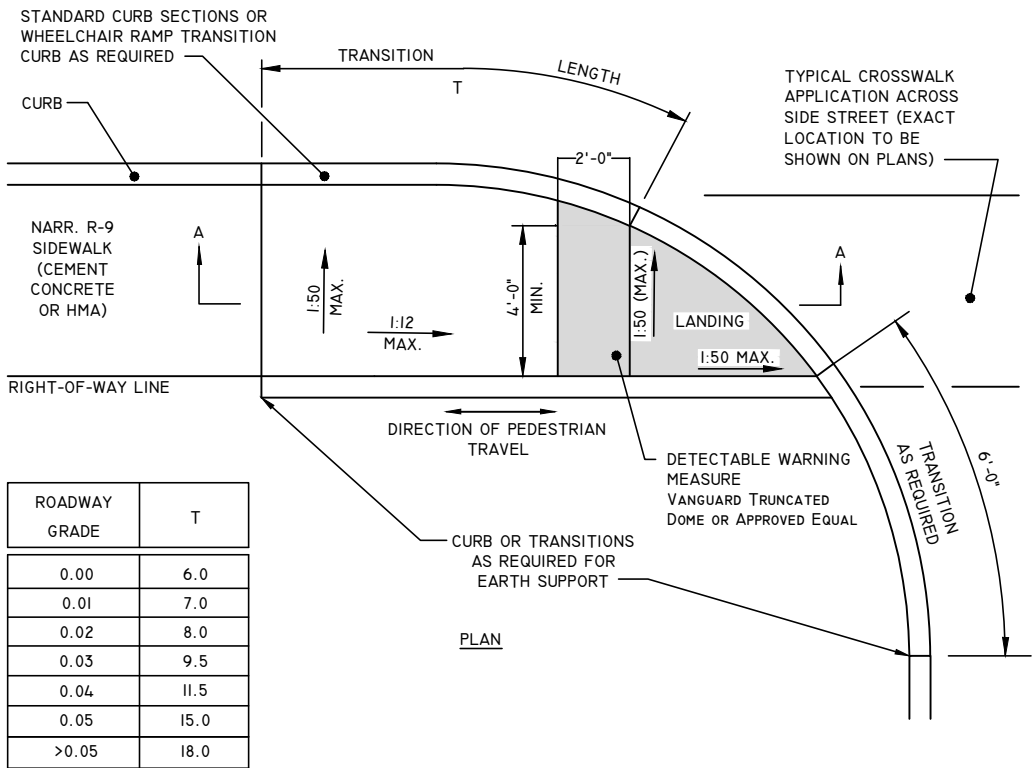
- 1) SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
- 2) WHEN ANY OBSTRUCTION LOCATED IN THE SIDEWALK FALLS WITHIN A CROSSWALK AREA, THE WHEELCHAIR RAMP WILL BE PLACED SUCH THAT THE OBSTRUCTION FALLS OUTSIDE OF THE RAMP.
- 3) AT NO TIME IS ANY PART OF THE WHEELCHAIR RAMP TO BE LOCATED OUTSIDE OF THE CROSSWALK, AND IT IS TO BE CENTERED WHENEVER POSSIBLE.
- 4) DRAINAGE FACILITIES ARE TO BE LOCATED UP-GRADE OF ALL WHEELCHAIR RAMPS.
- 5) LOCATION OF WHEELCHAIR RAMPS SHALL BE AS SHOWN ON PLANS (IF APPLICABLE) OR AS DIRECTED BY THE TOWN.
- 6) IN NO INSTANCE SHALL THE SIDEWALK CROSS SLOPE EXCEED 1:50, EXCEPT WITHIN THE RAMP AREA.
- 7) AN UNOBSTRUCTED PATH OF TRAVEL WITH A MINIMUM WIDTH OF 4'-0" SHALL BE MAINTAINED.
- 8) THE WHEELCHAIR RAMP SLOPE AND SIDE SLOPES (TRANSITIONS) MUST NOT BE STEEPER THAN 1:12. HOWEVER, THESE SLOPES MAY BE FLATTER THAN 1:12 WHEN WARRANTED BY SURROUNDING CONDITIONS.
- 9) WHERE THE ROAD PROFILE EXCEEDS 5%, THE HIGH SIDE TRANSITION LENGTH (T) SHALL BE EIGHTEEN FEET (18'-0").
- 10) IN NO CASE WHERE A STOP LINE IS WARRANTED SHALL A RAMP BE PLACED BEHIND THE STOP LINE.
- 11) THE ENTRANCE OF THE WHEELCHAIR RAMP SHALL BE FLUSH WITH THE ROADWAY.
- 12) THE WHEELCHAIR RAMP SHALL BE CENTERED RADIALLY, OPPOSITE THE RADIUS POINT WHEN POSSIBLE.
- 13) MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0" (GREATER LENGTHS PREFERRED).
- 14) DETECTABLE WARNING MEASURES SHALL BE VANGUARD TRUNCATED DOME DETECTABLE WARNINGS OR APPROVED EQUAL (SEE WWW.VANGUARDONLINE.COM). COLOR SHALL BE AS DIRECTED BY THE TOWN.
- 15) WARNING MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS BY AUTHORIZED AND PROPERLY TRAINED INSTALLERS.
- 16) 8" CONCRETE DEPTH SHALL BE FOR RADIUS & DRIVEWAY WHEELCHAIR RAMPS ONLY. USE 4" DEPTH FOR TANGENT (MID-BLOCK) LOCATIONS.
- 17) INSTALLER SHALL LAY OUT ALL ADA-COMPLIANT RAMPS WITH APPROPRIATE INSTRUMENTS AND METHODS PRIOR TO CONSTRUCTION, AND UPON COMPLETION SHALL PERFORM AN AS-BUILT SURVEY TO VERIFY THAT APPLICABLE ADA DIMENSIONAL STANDARDS HAVE BEEN MET.
- 18) THIS DETAIL SHALL BE APPLICABLE TO ADA DRIVEWAY TRANSITIONS, MODIFIED SUCH THAT THE WIDTH OF THE LEVEL LANDING SHALL BE THE WIDTH OF THE DRIVEWAY.



Date: June 2013
 Drawn By: BETA
 Checked: Narr. DPW
 Scaled: As Noted
 Revisions:

Town of Narragansett - Road Details
 ADA Sidewalk Ramp - Limited R.O.W.

Drawing No.:
R-10B



- NOTES:**
- 1) SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
 - 2) THIS DETAIL IS TO BE USED ONLY WHEN RIGHT-OF-WAY IS LIMITED TO BACK OF SIDEWALK, AND SIDEWALK IS NARROW WITH NO PEDESTRIAN TRAFFIC FROM SIDE STREET.
 - 3) WHEN ANY OBSTRUCTION LOCATED IN THE SIDEWALK FALLS WITHIN A CROSSWALK AREA, THE OBSTRUCTION SHALL BE PLACED SUCH THAT IT FALLS OUTSIDE OF THE RAMP, IF POSSIBLE.
 - 4) AT NO TIME IS ANY PART OF THE WHEELCHAIR RAMP TO BE LOCATED OUTSIDE OF THE CROSSWALK, AND IT IS TO BE CENTERED WHENEVER POSSIBLE.
 - 5) DRAINAGE FACILITIES ARE TO BE LOCATED UP-GRADE OF ALL WHEELCHAIR RAMPS.
 - 6) LOCATION OF WHEELCHAIR RAMPS SHALL BE AS SHOWN ON PLANS (IF APPLICABLE) OR AS DIRECTED BY THE TOWN.
 - 7) WHERE THE ROAD PROFILE EXCEEDS 5% THE TRANSITION LENGTH (T) SHALL BE EIGHTEEN FEET (18'-0").
 - 8) THE ENTRANCE OF THE WHEELCHAIR RAMP SHALL BE FLUSH WITH THE ROADWAY.
 - 9) MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0" (GREATER LENGTHS PREFERRED).
 - 10) AN UNOBSTRUCTED PATH OF TRAVEL WITH A MINIMUM WIDTH OF 4'-0" SHALL BE MAINTAINED.
 - 11) DETECTABLE WARNING MEASURES SHALL BE VANGUARD TRUNCATED DOME DETECTABLE WARNINGS OR APPROVED EQUAL (SEE WWW.VANGUARDONLINE.COM). COLOR SHALL BE AS DIRECTED BY THE TOWN.
 - 12) WARNING MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS BY AUTHORIZED AND PROPERLY TRAINED INSTALLERS.