

# TOWN OF WILLINGTON

## STANDARD SPECIFICATIONS AND DETAILS



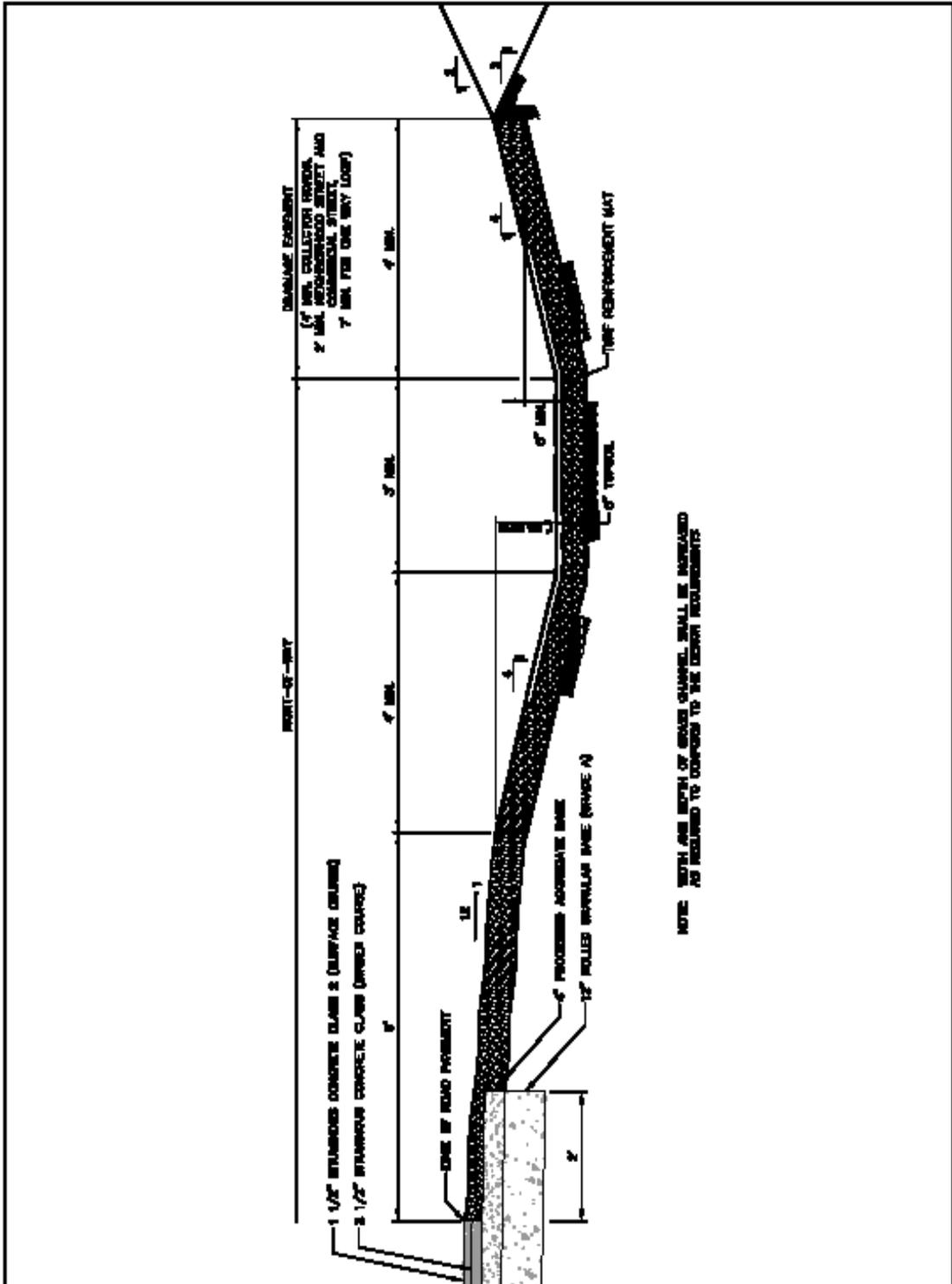
06/01/2011









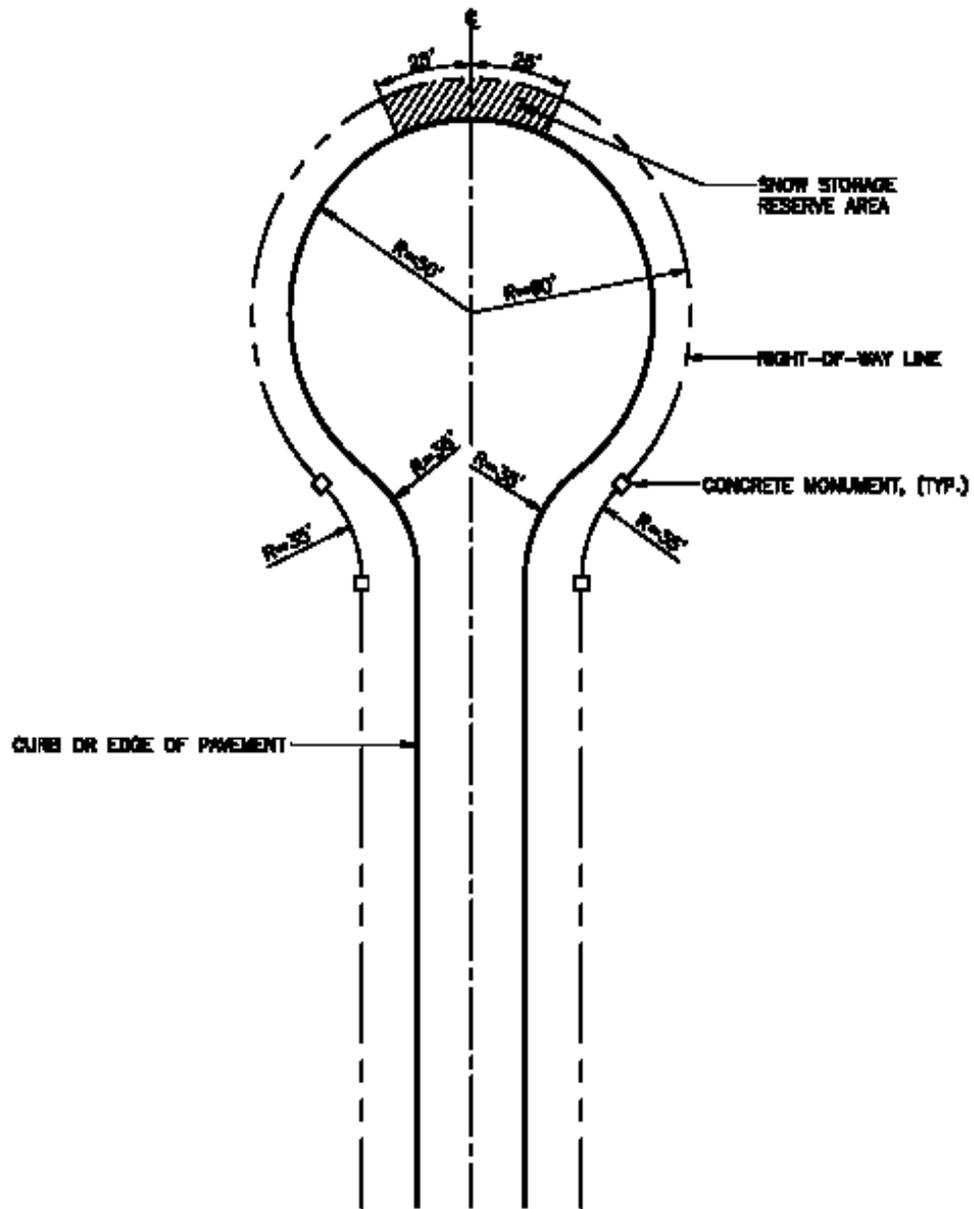


STANDARD DETAIL DRAWING  
 GRASS DRAINAGE CHANNEL  
 ALONG ROAD

REVISIONS:

SCALE: NONE

TOWN OF  
 WILLINGTON,  
 CONNECTICUT  
 DATE: FEBRUARY, 2011  
 FIGURE 3



STANDARD DETAIL DRAWING

CUL-DE-SAC  
(CIRCULAR)

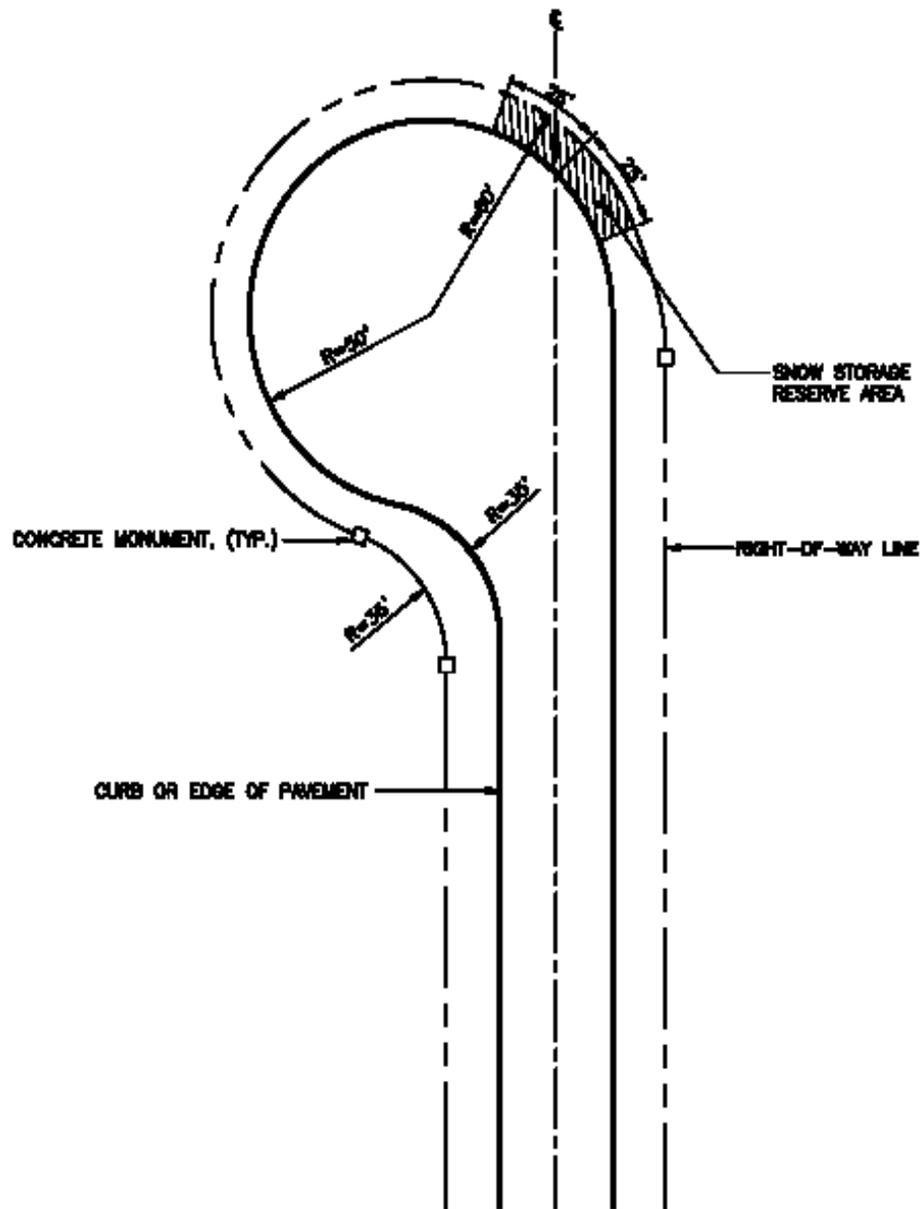
SCALE: 1"=40'

REVISIONS:

TOWN OF  
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DATE: FEBRUARY, 2011

FIGURE 6



STANDARD DETAIL DRAWING

CUL-DE-SAC  
(OFFSET)

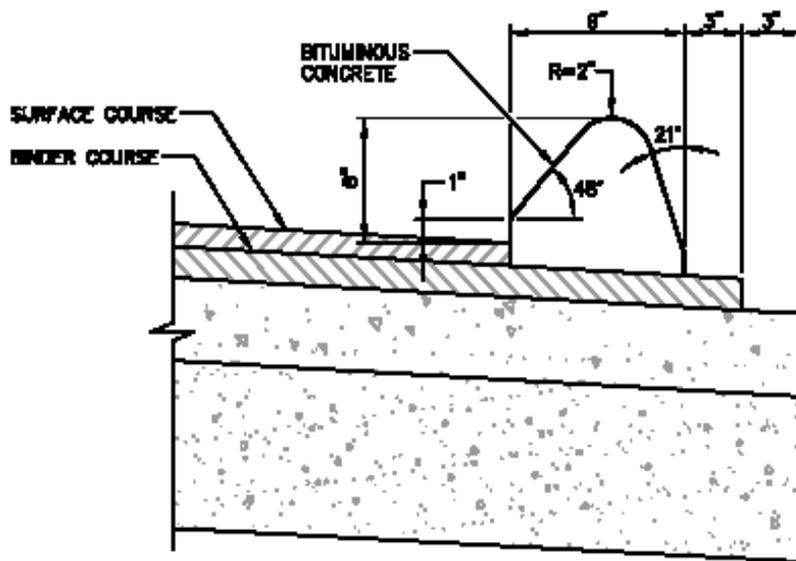
SCALE: 1"=40'

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FIGURE 7



STANDARD DETAIL DRAWING  
BITUMINOUS CONCRETE LIP CURB

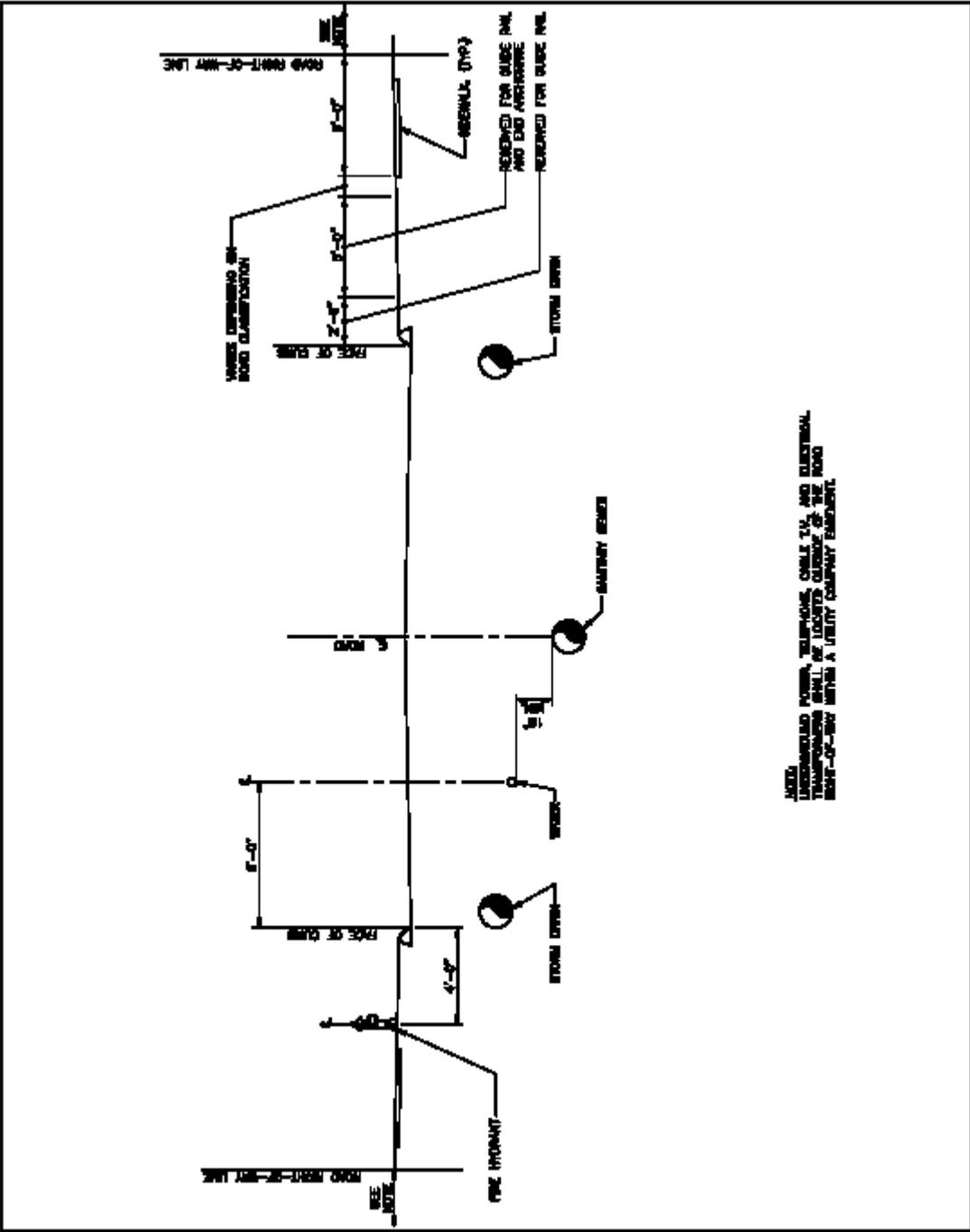
SCALE: NONE

TOWN OF  
 WILLINGTON,  
 CONNECTICUT

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REVISIONS:

FIGURE 8

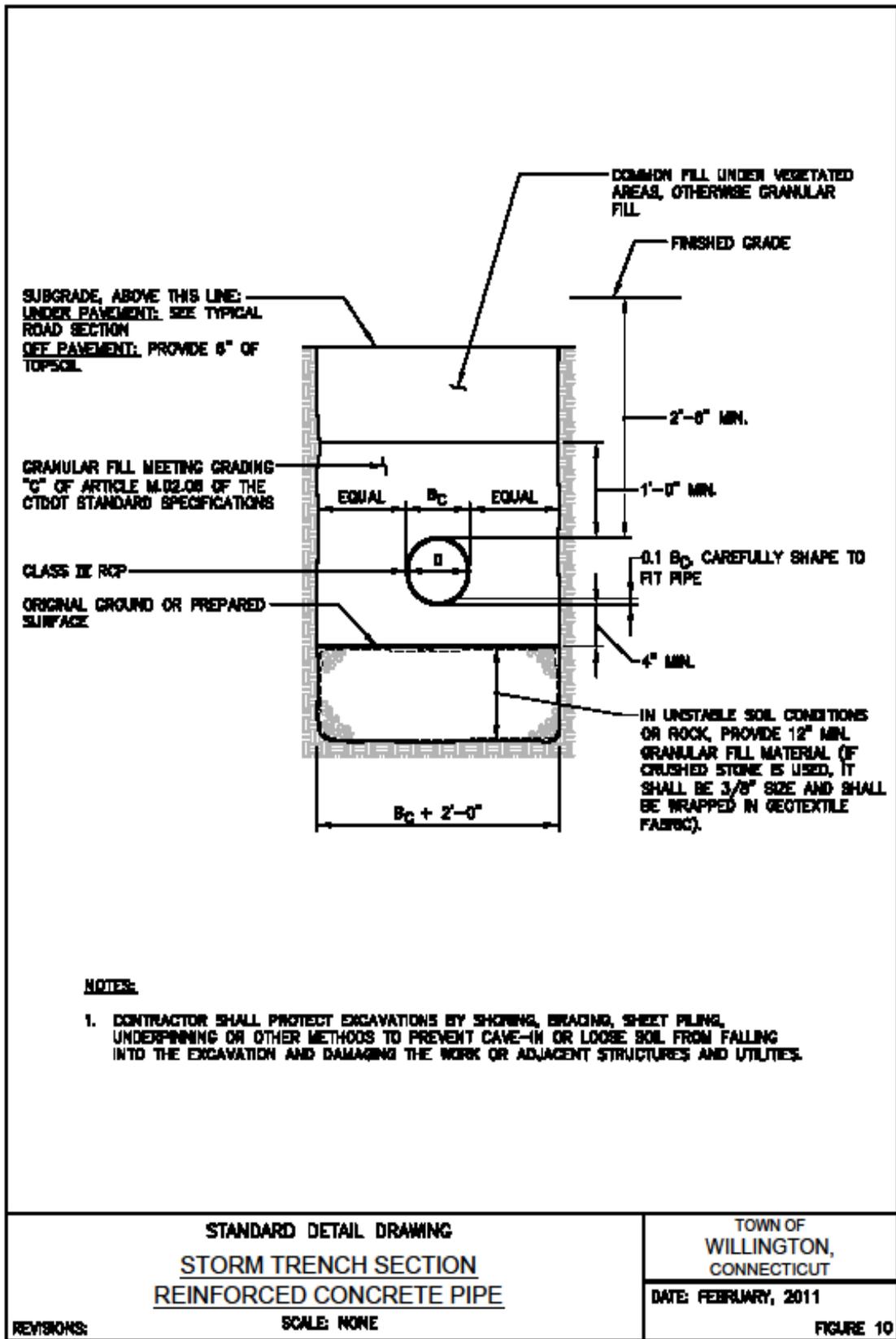


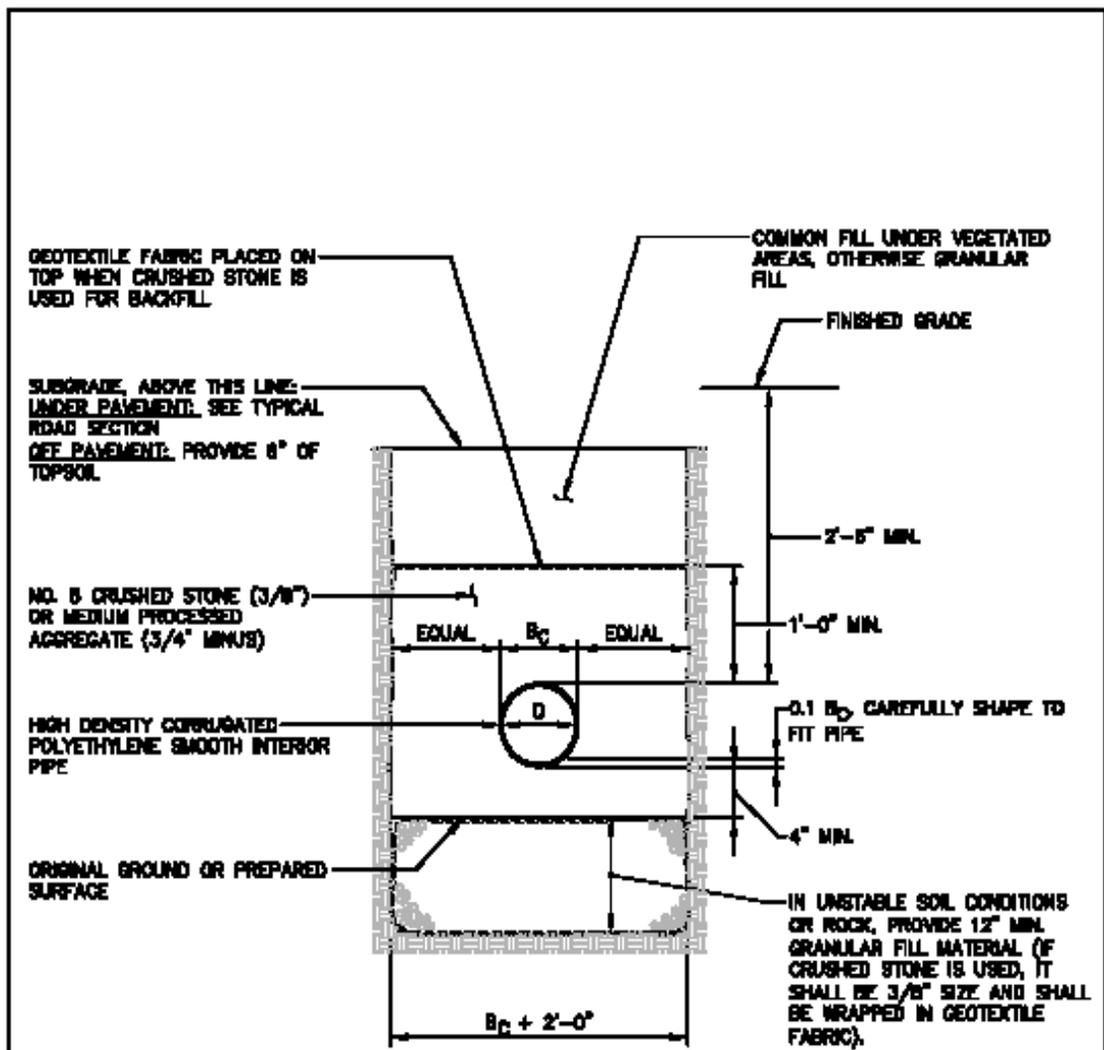
NOTE:  
 UNDERGROUND POWER, TELEPHONE, CABLE TV, AND ELECTRICAL  
 UTILITIES SHALL BE LOCATED WITHIN THE ROAD  
 RIGHT-OF-WAY WITHIN A UTILITY COMPANY EASEMENT.

STANDARD DETAIL DRAWING  
UNDERGROUND UTILITY ASSIGNMENTS  
 SCALE: NONE

TOWN OF  
 WILLINGTON,  
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 DATE: FEBRUARY, 2011  
 FIGURE 9

REVISIONS:

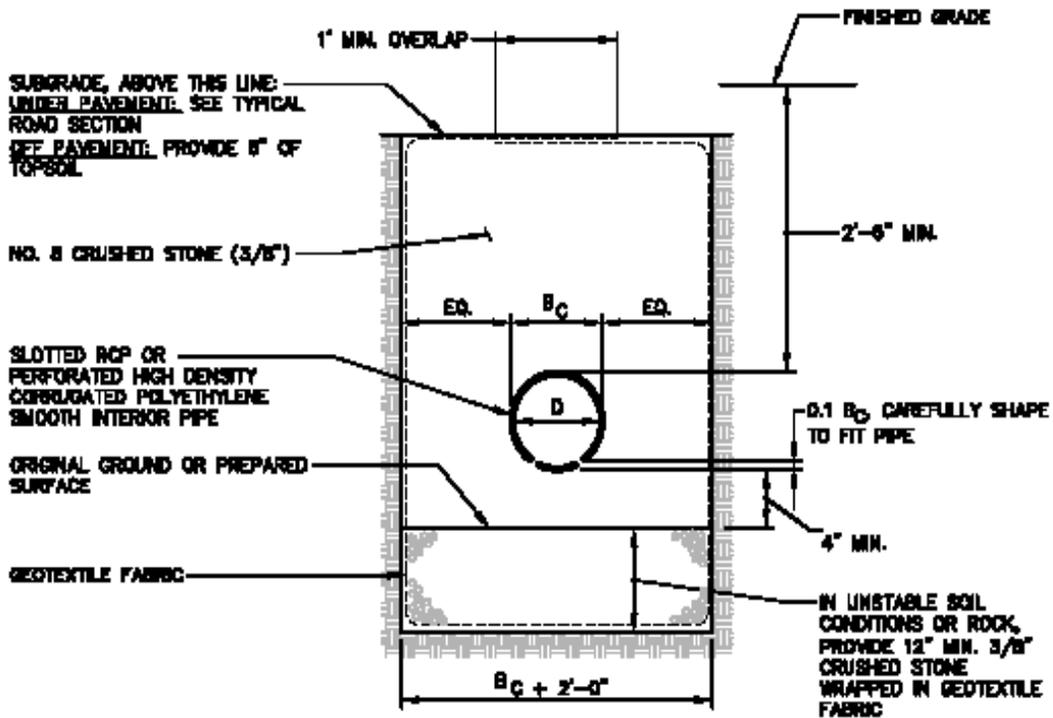




**NOTES:**

1. CONTRACTOR SHALL PROTECT EXCAVATIONS BY SHORING, BRACING, SHEET PILING, UNDERPINNING OR OTHER METHODS TO PREVENT CAVE-IN OR LOOSE SOIL FROM FALLING INTO THE EXCAVATION AND DAMAGING THE WORK OR ADJACENT STRUCTURES AND UTILITIES.

<b>STANDARD DETAIL DRAWING</b> <b>STORM TRENCH SECTION</b> <b>HIGH DENSITY CORRUGATED POLYETHYLENE</b> <b>SMOOTH INTERIOR PIPE (CPEP)</b>		TOWN OF WILLINGTON, CONNECTICUT
REVISIONS:		DATE: FEBRUARY, 2011
SCALE: NONE		FIGURE 11



**NOTES:**

1. CONTRACTOR SHALL PROTECT EXCAVATIONS BY SHORING, BRACING, SHEET PILING, UNDERPINNING OR OTHER METHODS TO PREVENT CAVE-IN OR LOOSE SOIL FROM FALLING INTO THE EXCAVATION AND DAMAGING THE WORK OR ADJACENT STRUCTURES AND UTILITIES.

STANDARD DETAIL DRAWING  
 STORM TRENCH SECTION  
 SLOTTED PERFORATED STORM DRAIN

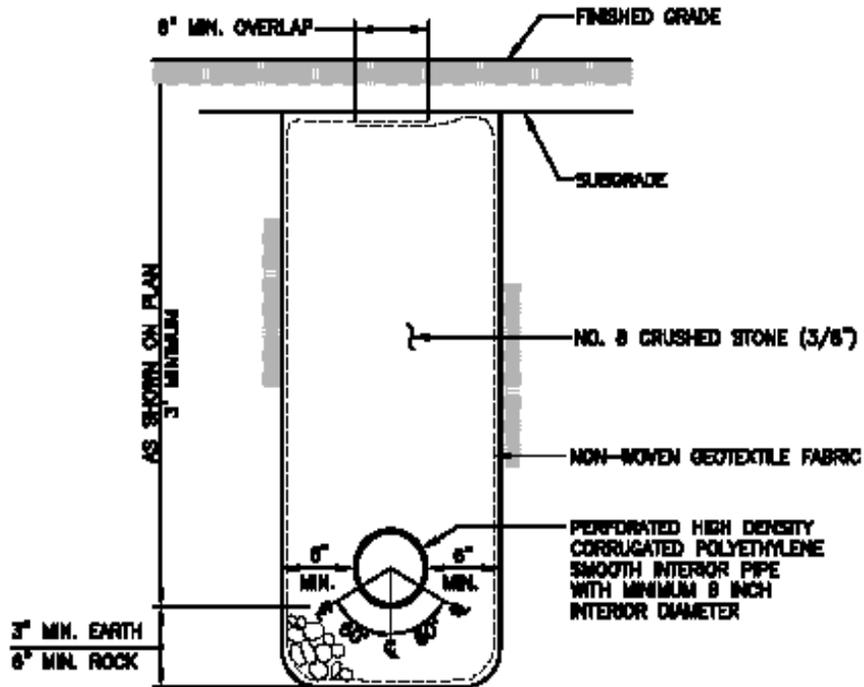
REVISIONS:

SCALE: NONE

TOWN OF  
 WILLINGTON,  
 CONNECTICUT

DATE: FEBRUARY, 2011

FIGURE 12



**NOTES:**

1. CONTRACTOR SHALL PROTECT EXCAVATIONS BY SHORING, BRACING, SHEET PILING, UNDERPINNING OR OTHER METHODS TO PREVENT CRUMBLING OR LOOSE SOIL FROM FALLING INTO THE EXCAVATION AND DAMAGING THE WORK OR ADJACENT STRUCTURES AND UTILITIES.
2. GRADED STONE FILTERS WITHOUT GEOTEXTILE FABRIC MAY BE USED WITH APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.

STANDARD DETAIL DRAWING

UNDERDRAIN

SCALE: NONE

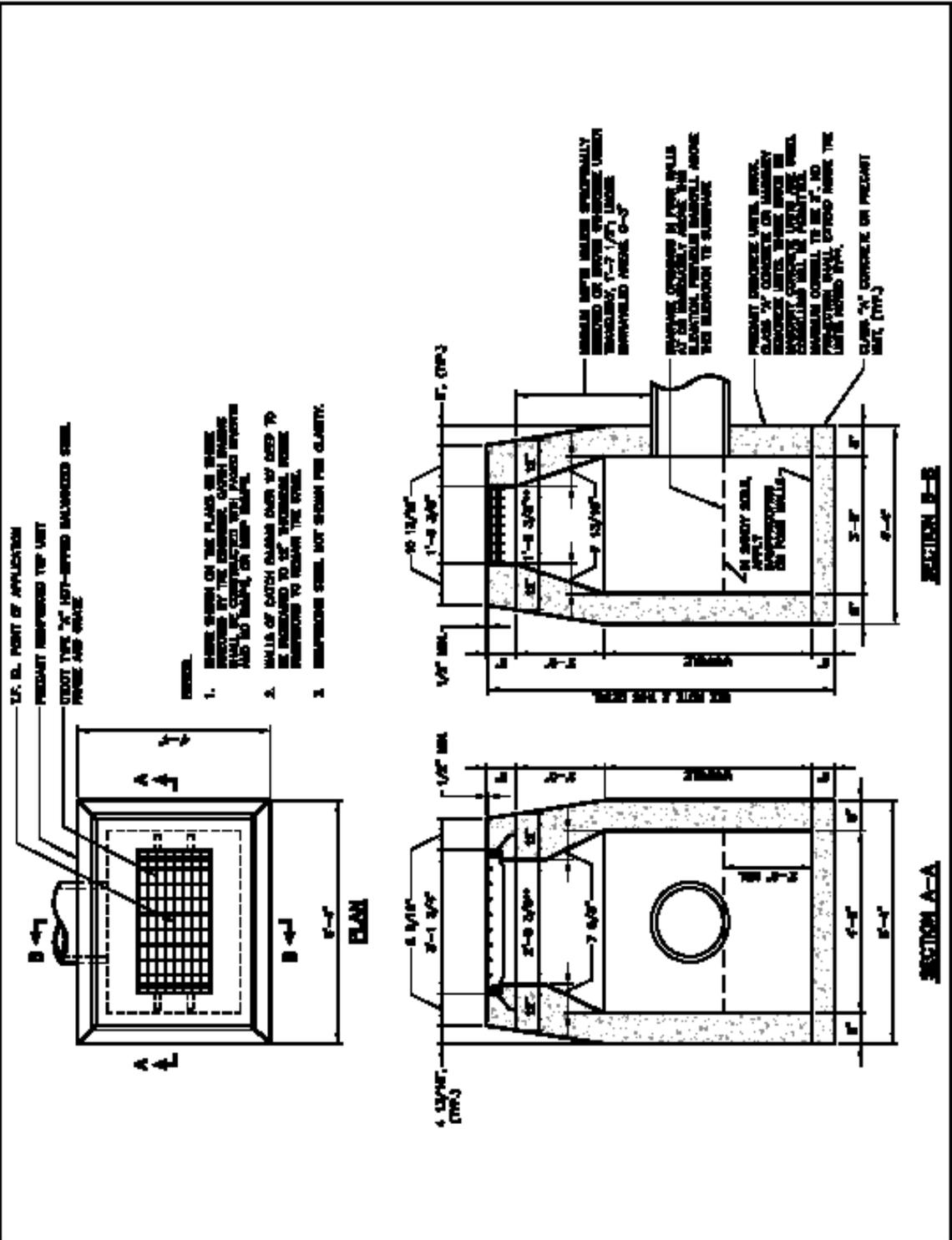
TOWN OF  
WILLINGTON,  
CONNECTICUT

DATE: FEBRUARY, 2011

REVISIONS:

FIGURE 13





STANDARD DETAIL DRAWING  
TYPE "C-L" CATCH BASIN  
 SCALE: NONE

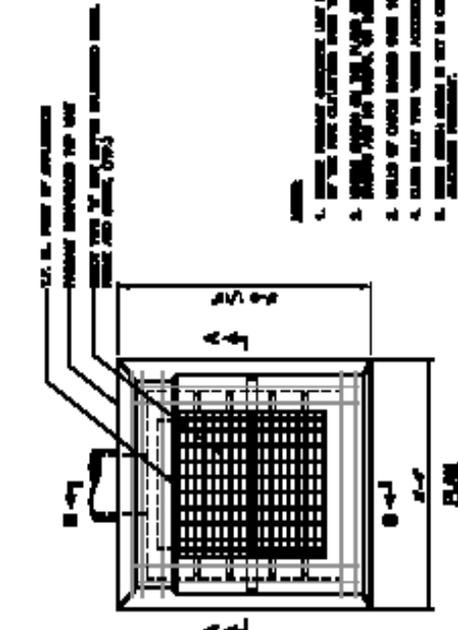
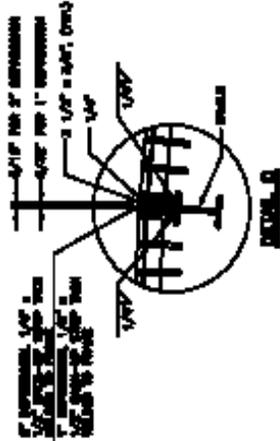
TOWN OF  
 WILLINGTON,  
 CONNECTICUT

DATE: FEBRUARY, 2011

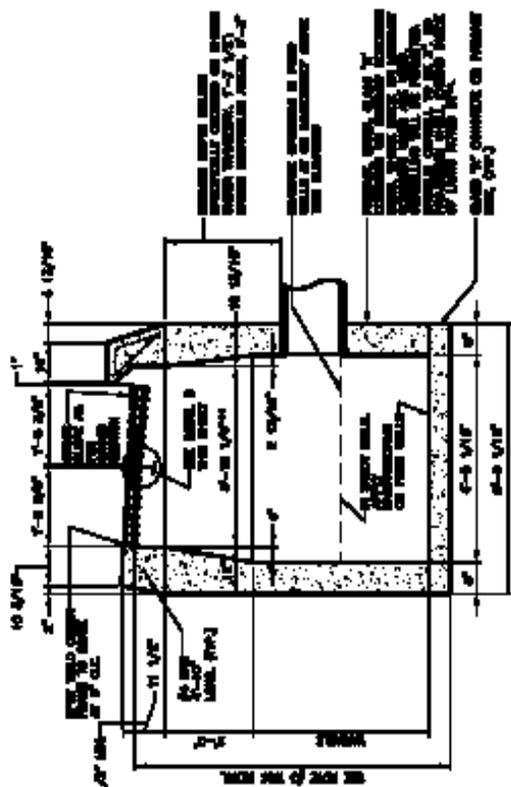
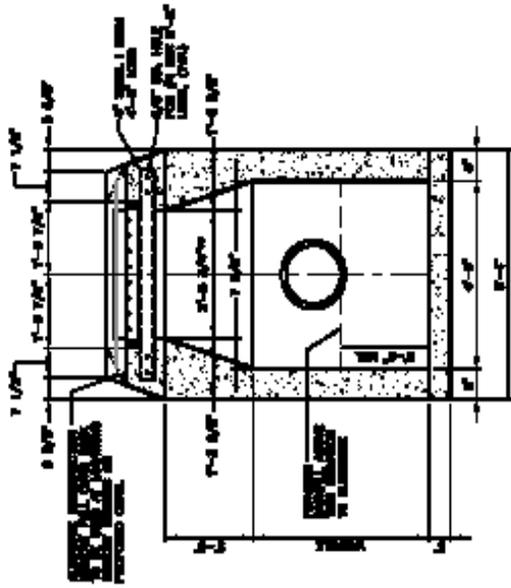
REVISIONS:

FIGURE 18





- NOTES:**
1. THESE STANDARD DIMENSIONS APPLY TO ALL TYPES OF GRATES, THE TOP OF THE GRATE SHALL BE AT LEAST 6" ABOVE THE BOTTOM OF THE HOLES CLIPPING WITH THE CURB SIDE.
  2. ALL GRATES SHALL BE 1/2" ABOVE THE HOLES, UNLESS OTHERWISE SPECIFIED.
  3. HOLES OF CURB SHOULD BE 1/2" TO BE INCREASED TO 1/2" UNLESS OTHERWISE SPECIFIED TO REMAIN THE SAME.
  4. ALL HOLES SHALL BE ACCORDING TO STANDARD DIMENSIONS.
  5. WHEN OTHER HOLES ARE SET IN CONCRETE, THE 1/2" SPACE ON THE TOP SURFACE SHALL BE CHANGED TO MATCH THE HOLES.



STANDARD DETAIL DRAWING  
 TYPE "C" CATCH BASIN  
 DOUBLE GRATE - TYPE I

TOWN OF  
 WILLINGTON,  
 CONNECTICUT

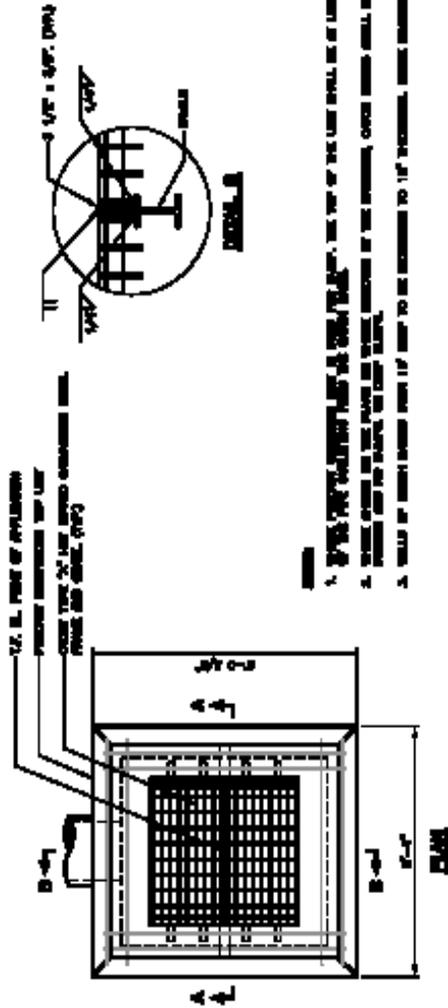
DATE: FEBRUARY, 2011

REVISIONS:

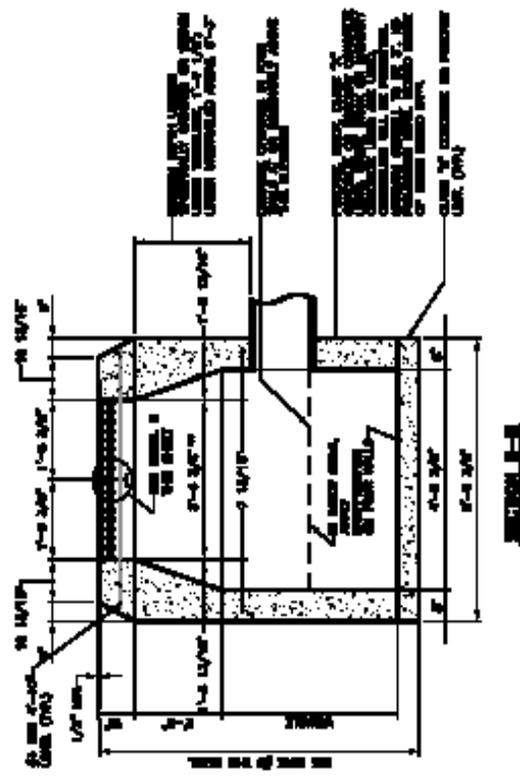
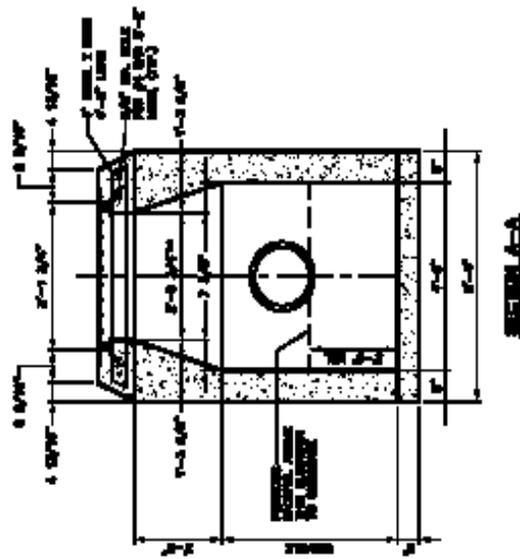
SCALE: NONE

FIGURE 17





1. THE GRATE SHALL BE MADE OF CAST IRON OR STEEL. THE TOP OF THE GRATE SHALL BE LEVEL WITH THE TOP OF THE CURB.
2. THE GRATE SHALL BE MADE OF CAST IRON OR STEEL. THE TOP OF THE GRATE SHALL BE LEVEL WITH THE TOP OF THE CURB.
3. THE GRATE SHALL BE MADE OF CAST IRON OR STEEL. THE TOP OF THE GRATE SHALL BE LEVEL WITH THE TOP OF THE CURB.



STANDARD DETAIL DRAWING  
TYPE "C-L" CATCH BASIN  
DOUBLE GRATE - TYPE I

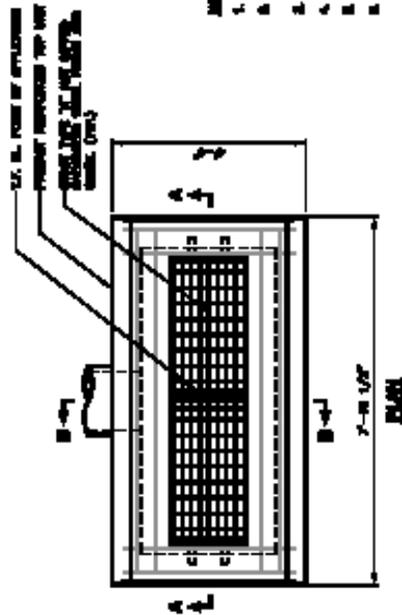
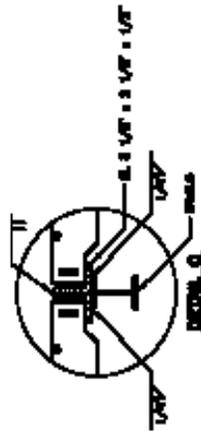
REVISIONS:

SCALE: NONE

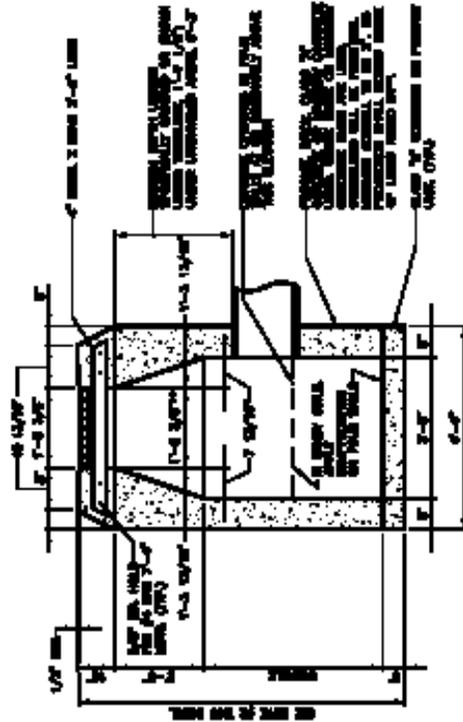
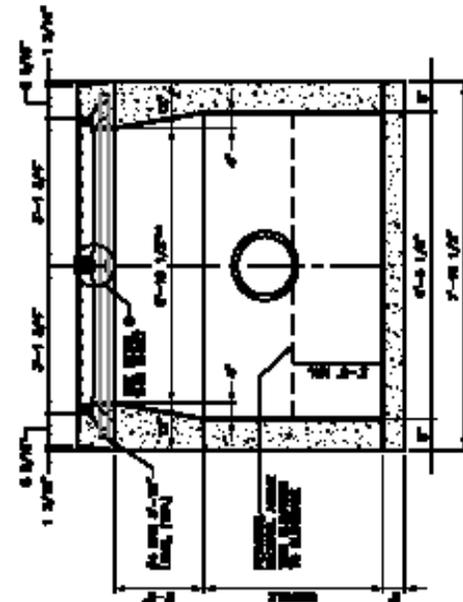
TOWN OF  
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 CONNECTICUT

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FIGURE 10



- NOTES:**
1. THE FINISH AND COATED MATERIAL FOR THIS CATCH BASIN.
  2. **INSTALLATION INSTRUCTIONS:** TO MATCH THE GRADE SURROUND TO 1\"/>



STANDARD DETAIL DRAWING  
 TYPE "C-L" CATCH BASIN  
 DOUBLE GRATE - TYPE II

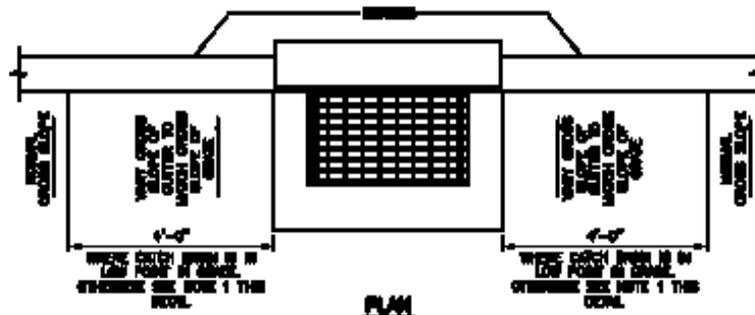
REVISIONS:

SCALE: NONE

TOWN OF  
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FIGURE 20



**ELEVATION  
CONCRETE CURBING**



**ELEVATION  
BITUMINOUS CONCRETE LIP CURBING AND CAPE COD CURBING**

**NOTE**

1. 2'-0" IN UPRIGHT SIDE OF CONTIGUOUS CURB, 1'-0" IN DOWNSIDE SIDE OF CONTIGUOUS CURB OR AS DIRECTED.

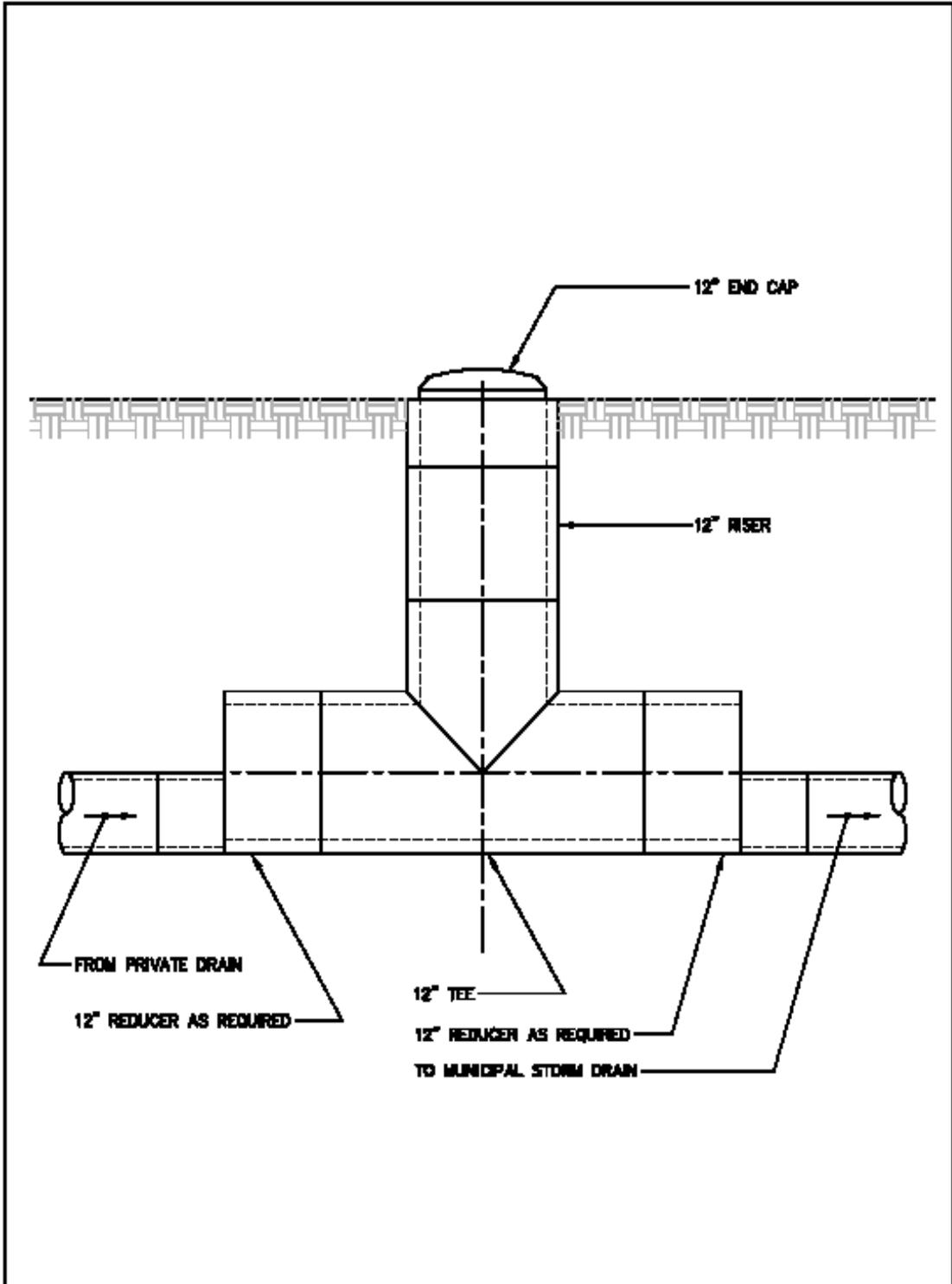
STANDARD DETAIL DRAWING  
DEPRESSED GUTTER STRIP  
 SCALE: NONE

TOWN OF  
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REVISIONS:

FIGURE 21



STANDARD DETAIL DRAWING  
PRIVATE DRAIN ACCESS STRUCTURE

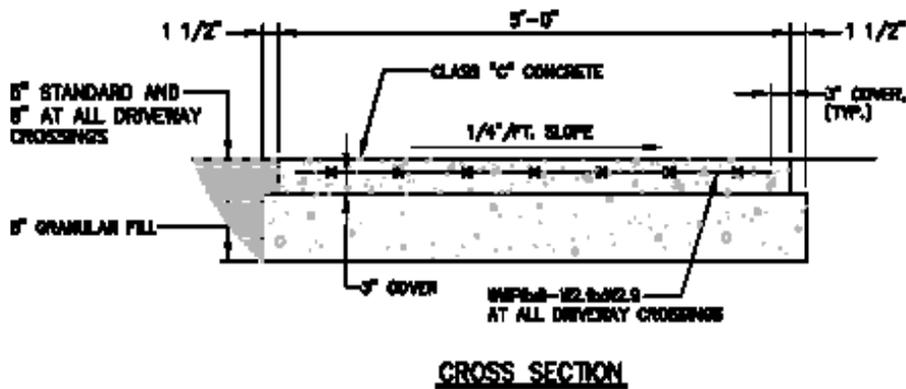
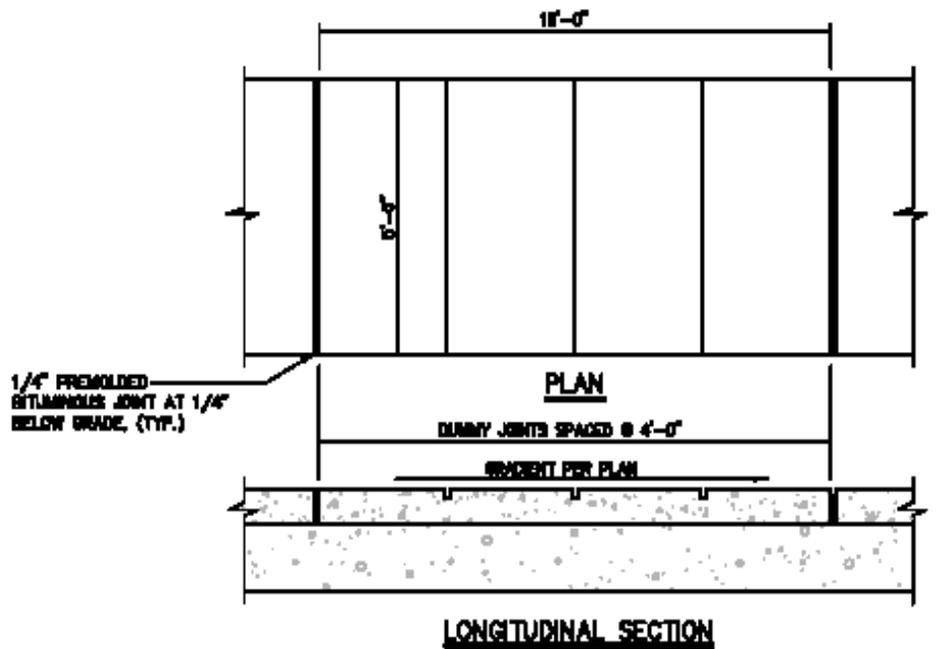
SCALE: NONE

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TOWN OF  
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FIGURE 22



**NOTE:**

1. PROVIDE TRANSVERSE BROOM FINISH EXCEPT WHERE IMPRINTED SURFACE IS REQUIRED.
2. OUTSIDE EDGES OF SLAB AND ALL JOINTS TO BE EDGED WITH A 1/4" RADIUS EDGING TOOL.

STANDARD DETAIL DRAWING  
CONCRETE SIDEWALK

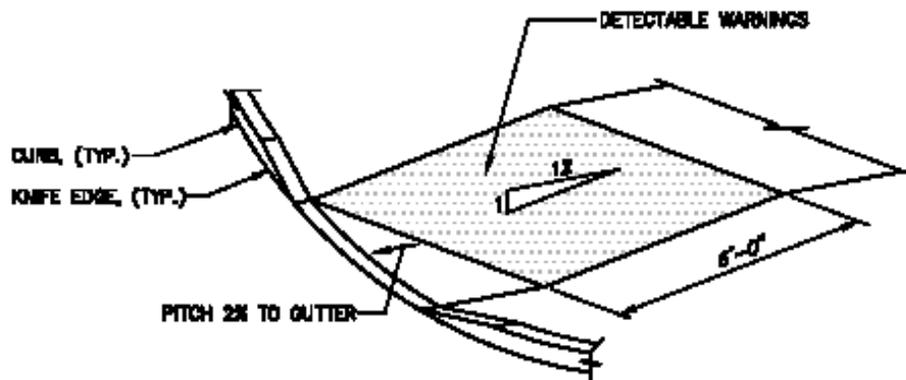
SCALE: NONE

TOWN OF  
 WILLINGTON,  
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REVISIONS:

FIGURE 23



**NOTES:**

1. ORIENTATION OF RAMP SHALL BE AS SHOWN ON PLAN.

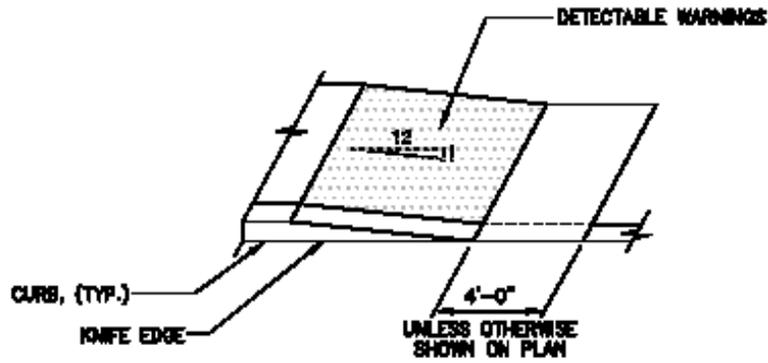
STANDARD DETAIL DRAWING  
CURB RAMP - TYPE I  
 SCALE: NONE

TOWN OF  
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REVISIONS:

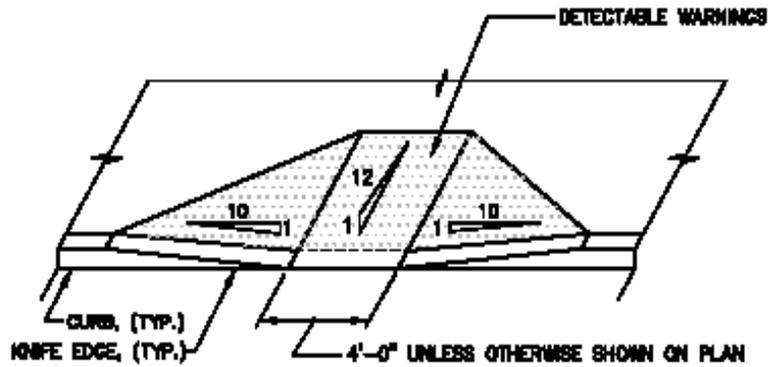
FIGURE 24



**TYPE II**

**NOTES:**

1. ORIENTATION OF RAMP SHALL BE AS SHOWN ON PLAN.



**TYPE III**

STANDARD DETAIL DRAWING  
CURB RAMP - TYPE II & III

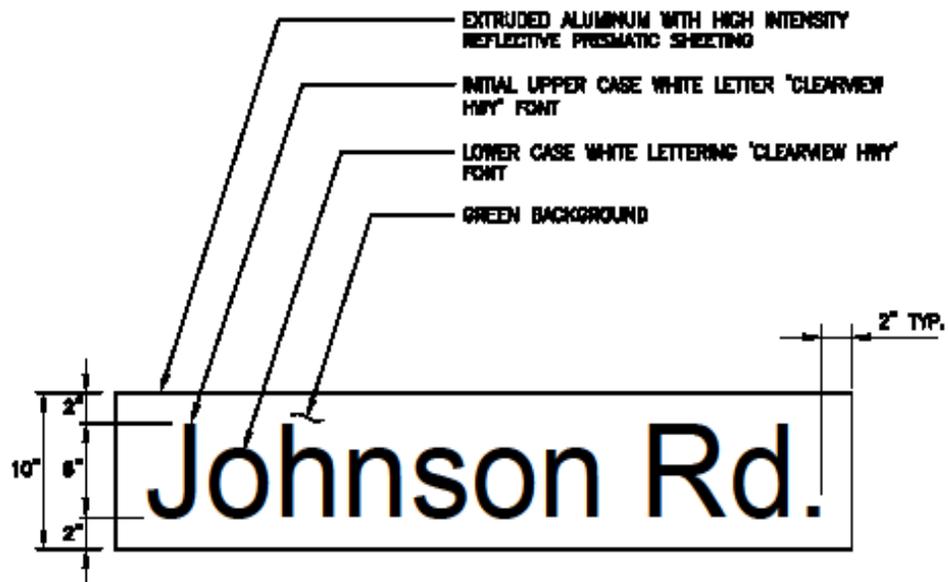
SCALE: NONE

TOWN OF  
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REVISIONS:

FIGURE 25



**NOTE:**

THE FONT USED IN THIS DETAIL IS ASCI  
 'CLEARVIEW HWY' FONT.

STANDARD DETAIL DRAWING

ROAD NAME SIGN

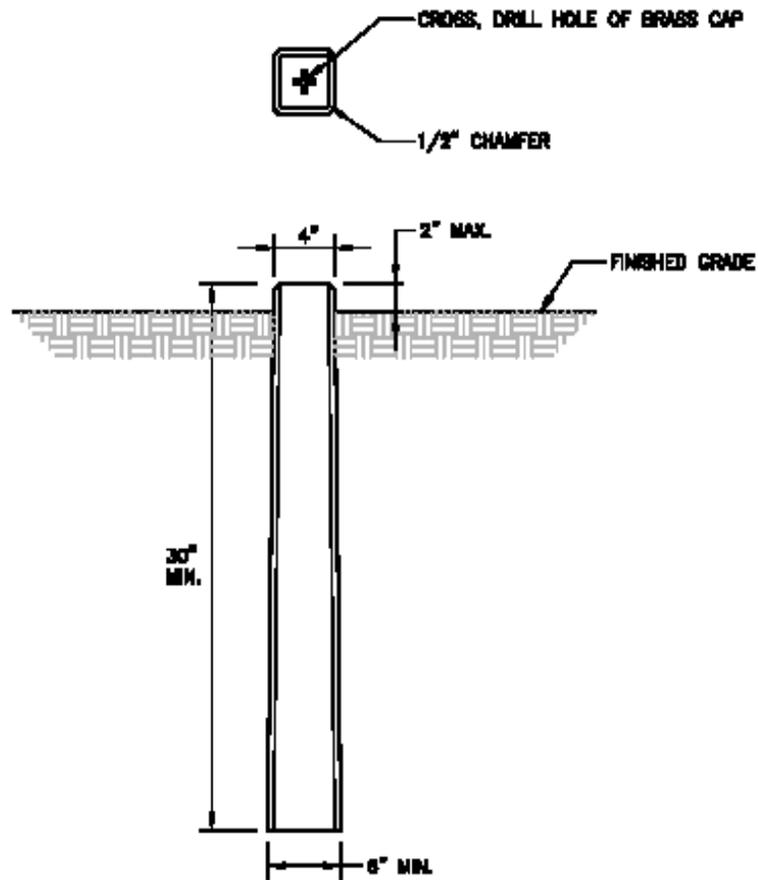
SCALE: NONE

TOWN OF  
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REVISIONS:

FIGURE 28



NOTE: UNDER NO CIRCUMSTANCES SHALL MONUMENTS BE BURIED BENEATH THE GROUND SURFACE OR COVERED WITH LANDSCAPE OR OTHER MATERIALS SUCH THAT THEY ARE NOT VISIBLE.

STANDARD DETAIL DRAWING  
CONCRETE MONUMENT

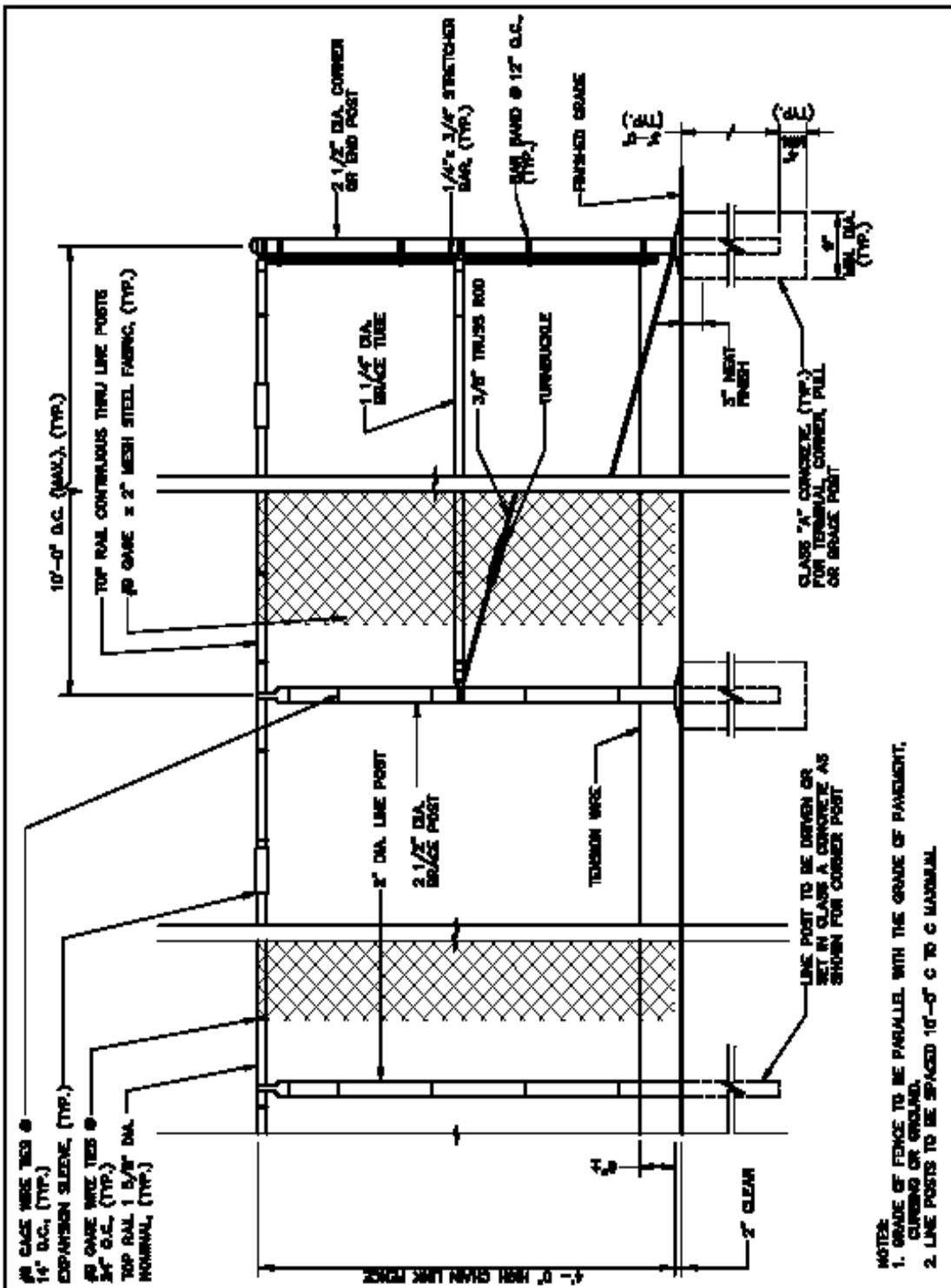
SCALE: NONE

TOWN OF  
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REVISIONS:

FIGURE 27



- NOTES:
- GRADE OF FENCE TO BE PARALLEL WITH THE GRADE OF PARADEMENT, CURBING OR GROUND.
  - LINE POSTS TO BE SPACED 10'-0" C TO C MAXIMUM.

STANDARD DETAIL DRAWING  
CHAIN LINK FENCE

SCALE: NONE

TOWN OF  
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 CONNECTICUT

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REVISIONS:

FIGURE 28





