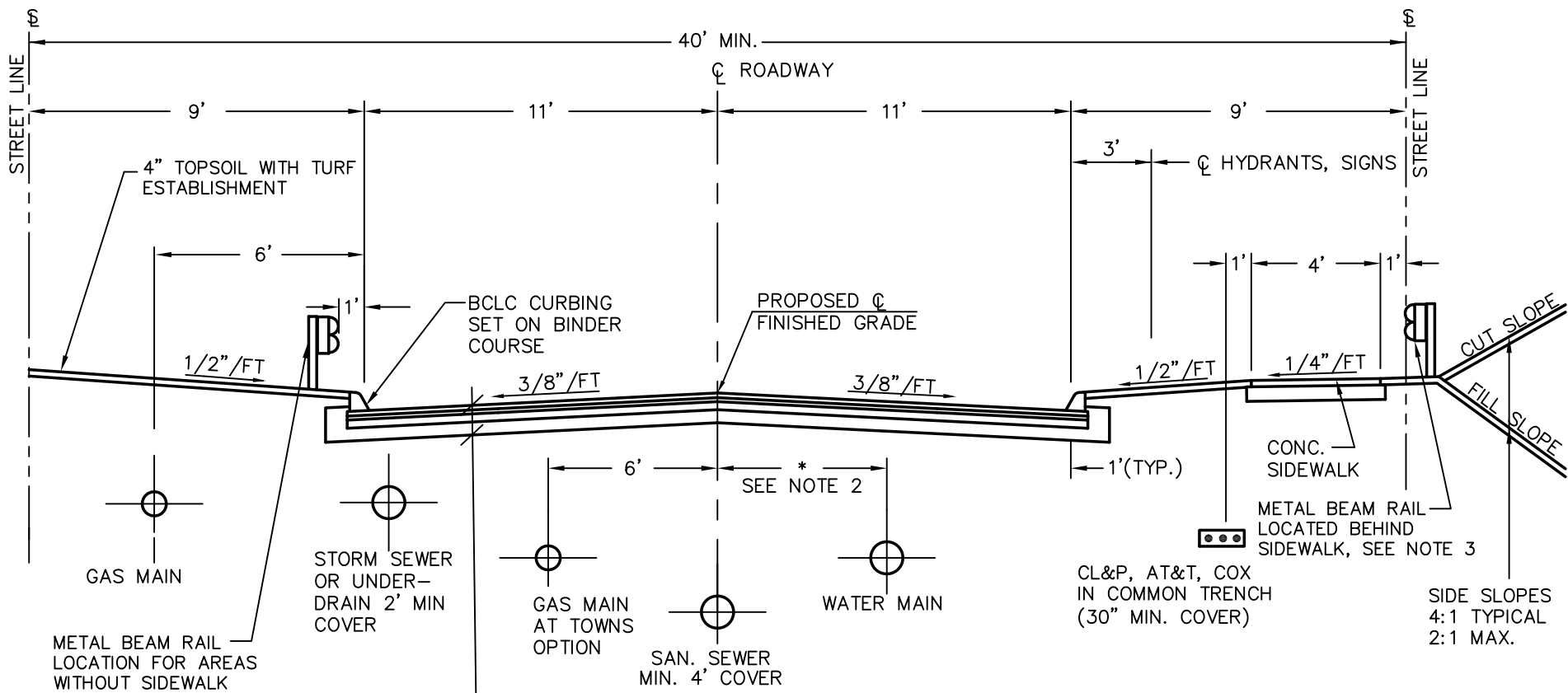


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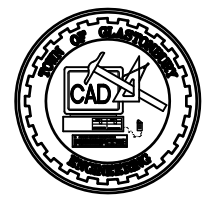


1 1/2" HMA S0.375"  
 2" HMA S0.5"  
 4" PROCESSED STONE BASE  
 10" GRAVEL SUBBASE (18" IN ROCK CUT)

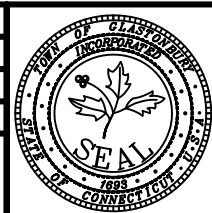
**NOTES:**

1. SNOWSHELF MAY BE REDUCED TO 6' IN AREAS WITHOUT SIDEWALK.
2. HORIZONTAL AND VERTICAL SEPARATION TO MEET STATE PUBLIC HEALTH CODE.
3. PROVIDE EASEMENT FOR METAL BEAM RAIL AS REQUIRED FOR 6" MIN. SEPARATION FROM BACK OF SIDEWALK. GUIDERAIL TO BE INSTALLED WITHIN 60 DAYS OF BINDER COURSE PAVING.
4. PAVEMENT WEARING SURFACE SHALL NOT BE INSTALLED UNTIL BINDER COURSE HAS BEEN IN PLACE FOR 4 MONTHS OR ONE FULL WINTER SEASON UNLESS OTHERWISE APPROVED BY THE ENGINEER.

5. UNDERDRAINS SHALL BE INSTALLED TO ADDRESS WET CONDITIONS AS DIRECTED BY THE TOWN ENGINEER.
6. PROCESS STONE BASE SHALL BE CRUSHED TRAP ROCK CONFORMING TO ARTICLE M.05.01 OF THE FORM 817 AND TOWN SPECIFICATIONS. GRAVEL OR RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.
7. GRAVEL SUBBASE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE M.02.01 OF THE FORM 817 EXCEPT THAT RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.



SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 3/28/2017



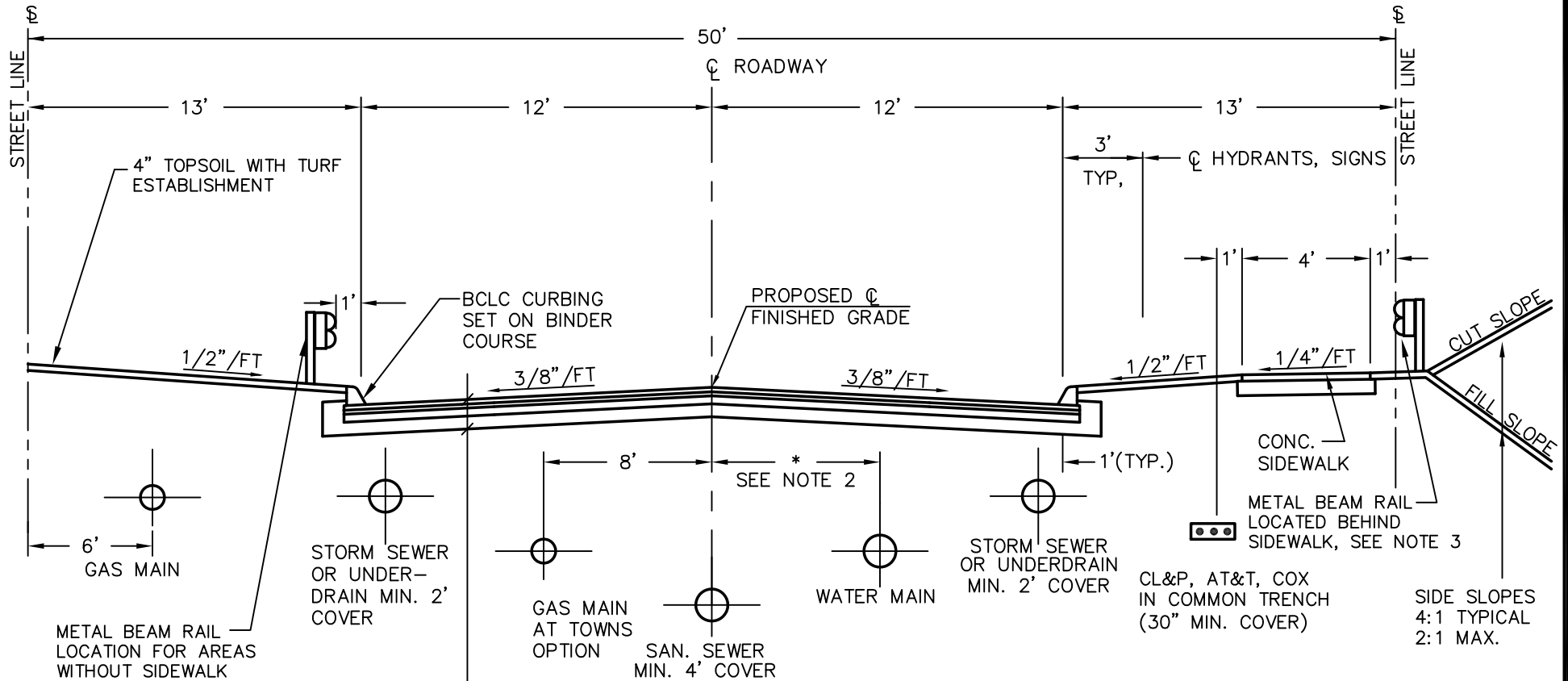
**TOWN OF GLASTONBURY**  
 DEPARTMENT OF PHYSICAL SERVICES  
 ENGINEERING DIVISION

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**LIMITED LOCAL STREET**  
 TYPICAL SECTION  
 (0-200 ADT)

PLATE NO. 1A

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1 1/2" HMA S0.375"  
 2" HMA S0.5"  
 4" PROCESSED STONE BASE  
 10" GRAVEL SUBBASE (18" IN ROCK CUT)

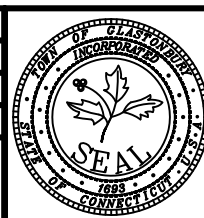
**NOTES:**

1. SNOWSHELF MAY BE REDUCED TO 6' IN AREAS WITHOUT SIDEWALK.
2. HORIZONTAL AND VERTICAL SEPARATION TO MEET STATE PUBLIC HEALTH CODE.
3. PROVIDE EASEMENT FOR METAL BEAM RAIL AS REQUIRED FOR 6" MIN. SEPARATION FROM BACK OF SIDEWALK. GUIDERAIL TO BE INSTALLED WITHIN 60 DAYS OF BINDER COURSE PAVING.
4. PAVEMENT WEARING SURFACE SHALL NOT BE INSTALLED UNTIL BINDER COURSE HAS BEEN IN PLACE FOR 4 MONTHS OR ONE FULL WINTER SEASON UNLESS OTHERWISE APPROVED BY THE ENGINEER.

5. UNDERDRAINS SHALL BE INSTALLED TO ADDRESS WET CONDITIONS AS DIRECTED BY THE TOWN ENGINEER.
6. PROCESS STONE BASE SHALL BE CRUSHED TRAP ROCK CONFORMING TO ARTICLE M.05.01 OF THE FORM 817 AND TOWN SPECIFICATIONS. GRAVEL OR RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.
7. GRAVEL SUBBASE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE M.02.01 OF THE FORM 817 EXCEPT THAT RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.



SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 3/28/2017

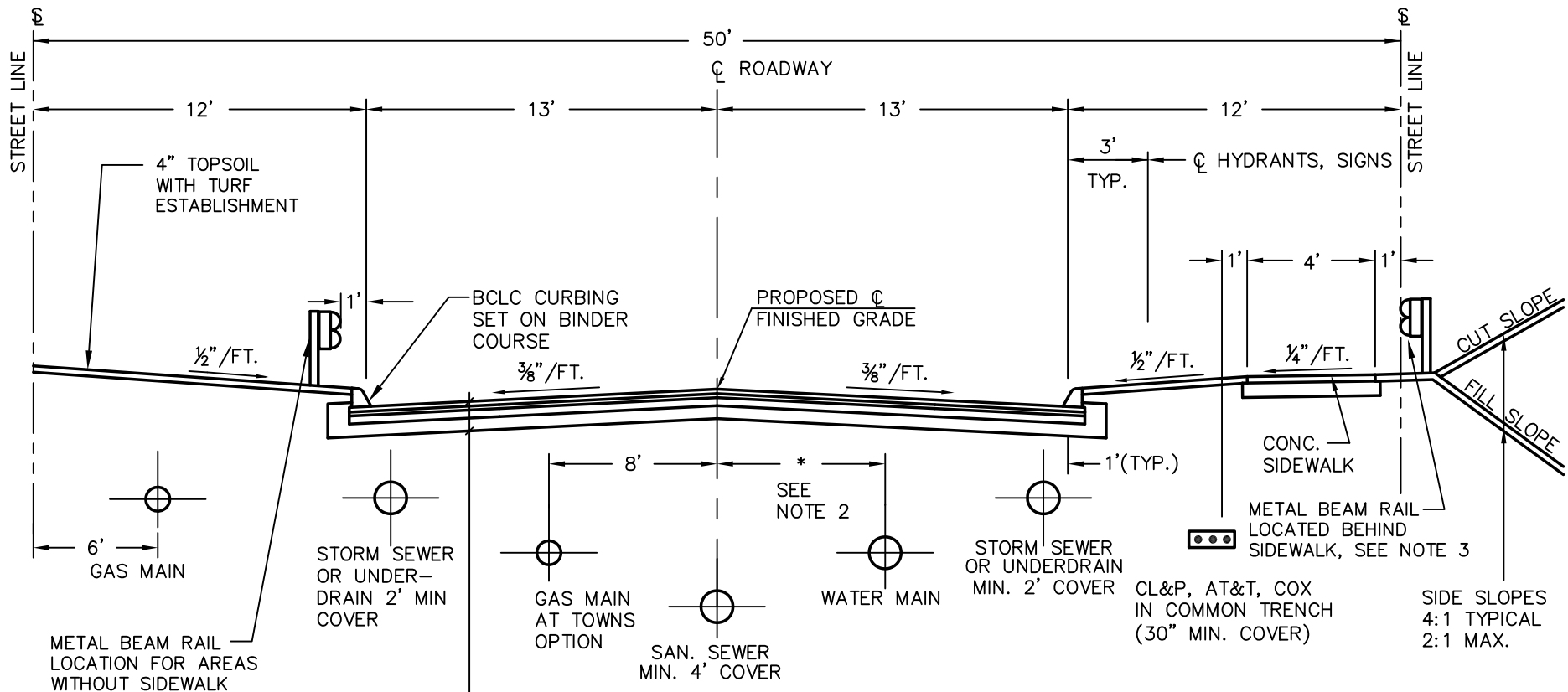


**TOWN OF GLASTONBURY**  
**DEPARTMENT OF PHYSICAL SERVICES**  
**ENGINEERING DIVISION**

**LIGHT LOCAL STREET**  
**TYPICAL SECTION**  
**(200-500 ADT)**

PLATE NO. 1B

H:\DWG\Details\TOG\Standard Detail Plates\Plate1C-Local Road.dwg



1 1/2" HMA S0.375"  
 2" HMA S0.5"  
 4" PROCESSED STONE BASE  
 10" GRAVEL SUBBASE (18" IN ROCK CUT)

**NOTES:**

1. SNOWSHELF MAY BE REDUCED TO 6' IN AREAS WITHOUT SIDEWALK.
2. HORIZONTAL AND VERTICAL SEPARATION TO MEET STATE PUBLIC HEALTH CODE.
3. PROVIDE EASEMENT FOR METAL BEAM RAIL AS REQUIRED FOR 6" MIN. SEPARATION FROM BACK OF SIDEWALK. GUIDERAIL TO BE INSTALLED WITHIN 60 DAYS OF BINDER COURSE PAVING.
4. PAVEMENT WEARING SURFACE SHALL NOT BE INSTALLED UNTIL BINDER COURSE HAS BEEN IN PLACE FOR 4 MONTHS OR ONE FULL WINTER SEASON UNLESS OTHERWISE APPROVED BY THE ENGINEER.

5. UNDERDRAINS SHALL BE INSTALLED TO ADDRESS WET CONDITIONS AS DIRECTED BY THE TOWN ENGINEER.
6. PROCESS STONE BASE SHALL BE CRUSHED TRAP ROCK CONFORMING TO ARTICLE M.05.01 OF THE FORM 817 AND TOWN SPECIFICATIONS. GRAVEL OR RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.
7. GRAVEL SUBBASE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE M.02.01 OF THE FORM 817 EXCEPT THAT RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.



SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 3/28/2017



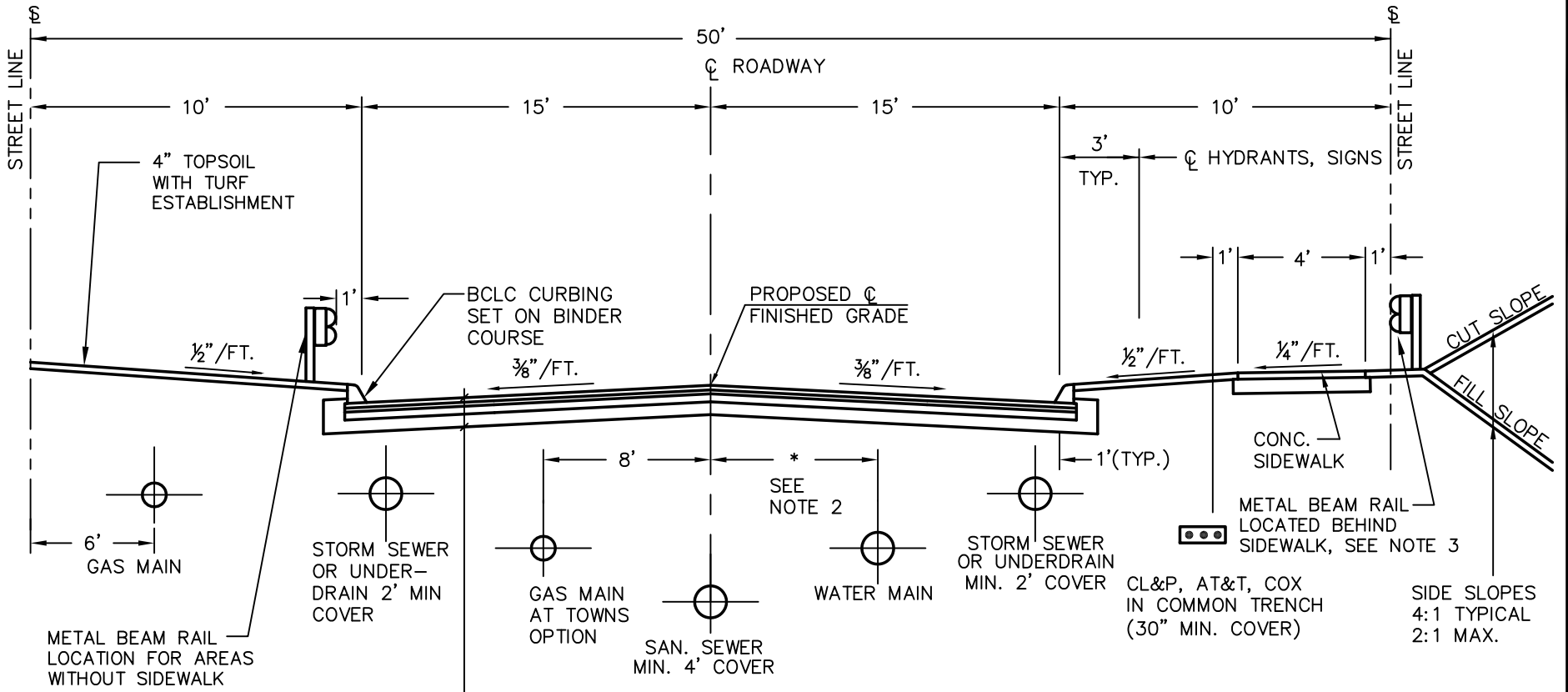
**TOWN OF GLASTONBURY**  
 DEPARTMENT OF PHYSICAL SERVICES  
 ENGINEERING DIVISION

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**LOCAL STREET**  
 TYPICAL SECTION  
 (500-1500 ADT)

PLATE NO. 1C

H:\DWG\Details\TOG\Standard Detail Plates\Plate1D-Collector Road.dwg



1 1/2" HMA S0.375"  
 2" HMA S0.5"  
 4" PROCESSED STONE BASE  
 12" GRAVEL SUBBASE (18" IN ROCK CUT)

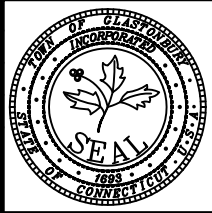
**NOTES:**

1. SNOWSHELF MAY BE REDUCED TO 6' IN AREAS WITHOUT SIDEWALK.
2. HORIZONTAL AND VERTICAL SEPARATION TO MEET STATE PUBLIC HEALTH CODE.
3. PROVIDE EASEMENT FOR METAL BEAM RAIL AS REQUIRED FOR 6" MIN. SEPARATION FROM BACK OF SIDEWALK. GUIDERAIL TO BE INSTALLED WITHIN 60 DAYS OF BINDER COURSE PAVING.
4. PAVEMENT WEARING SURFACE SHALL NOT BE INSTALLED UNTIL BINDER COURSE HAS BEEN IN PLACE FOR 4 MONTHS OR ONE FULL WINTER SEASON UNLESS OTHERWISE APPROVED BY THE ENGINEER.

5. UNDERDRAINS SHALL BE INSTALLED TO ADDRESS WET CONDITIONS AS DIRECTED BY THE TOWN ENGINEER.
6. PROCESS STONE BASE SHALL BE CRUSHED TRAP ROCK CONFORMING TO ARTICLE M.05.01 OF THE FORM 817 AND TOWN SPECIFICATIONS. GRAVEL OR RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.
7. GRAVEL SUBBASE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE M.02.01 OF THE FORM 817 EXCEPT THAT RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.



SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 3/28/2017

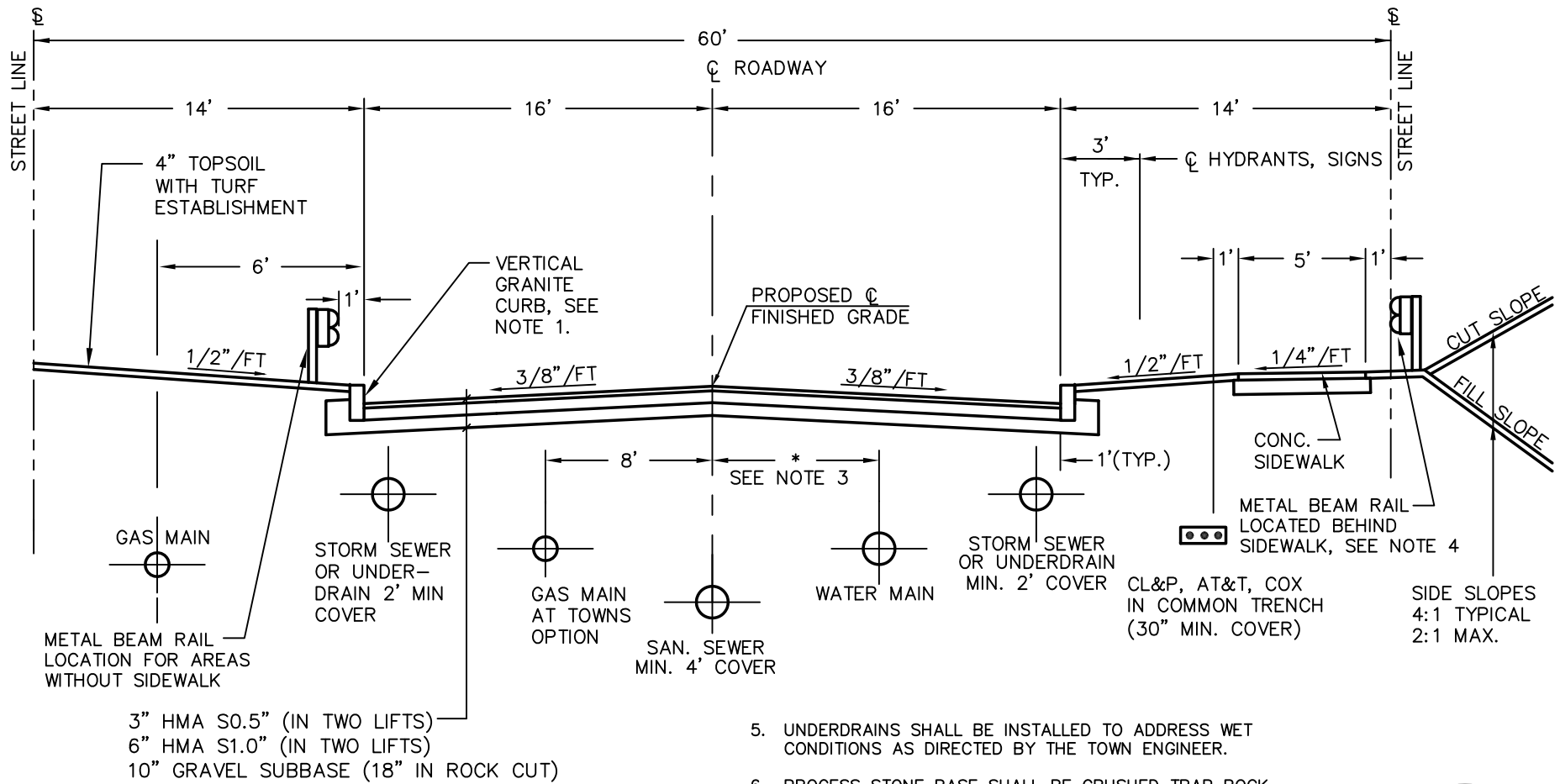


**TOWN OF GLASTONBURY**  
 DEPARTMENT OF PHYSICAL SERVICES  
 ENGINEERING DIVISION

**COLLECTOR STREET**  
 TYPICAL SECTION  
 (1500-3000 ADT)

PLATE NO. 1D

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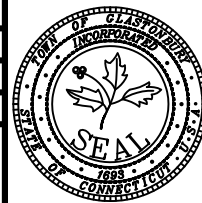
**NOTES:**

1. BITUMINOUS CURB ALTERNATE MAY BE USED IN AREAS OUTSIDE OF THE TOWN CENTER OR HISTORIC DISTRICT.
2. SNOWSHELF MAY BE REDUCED TO 6' IN AREAS WITHOUT SIDEWALK.
3. HORIZONTAL AND VERTICAL SEPARATION TO MEET STATE PUBLIC HEALTH CODE.
4. PROVIDE EASEMENT FOR METAL BEAM RAIL AS REQUIRED FOR 6" MIN. SEPARATION FROM BACK OF SIDEWALK. GUIDERAIL TO BE INSTALLED WITHIN 60 DAYS OF BINDER COURSE PAVING.
5. PAVEMENT WEARING SURFACE SHALL NOT BE INSTALLED UNTIL BINDER COURSE HAS BEEN IN PLACE FOR 4 MONTHS OR ONE FULL WINTER SEASON UNLESS OTHERWISE APPROVED BY THE ENGINEER.

5. UNDERDRAINS SHALL BE INSTALLED TO ADDRESS WET CONDITIONS AS DIRECTED BY THE TOWN ENGINEER.
6. PROCESS STONE BASE SHALL BE CRUSHED TRAP ROCK CONFORMING TO ARTICLE M.05.01 OF THE FORM 817 AND TOWN SPECIFICATIONS. GRAVEL OR RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.
7. GRAVEL SUBBASE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE M.02.01 OF THE FORM 817 EXCEPT THAT RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.

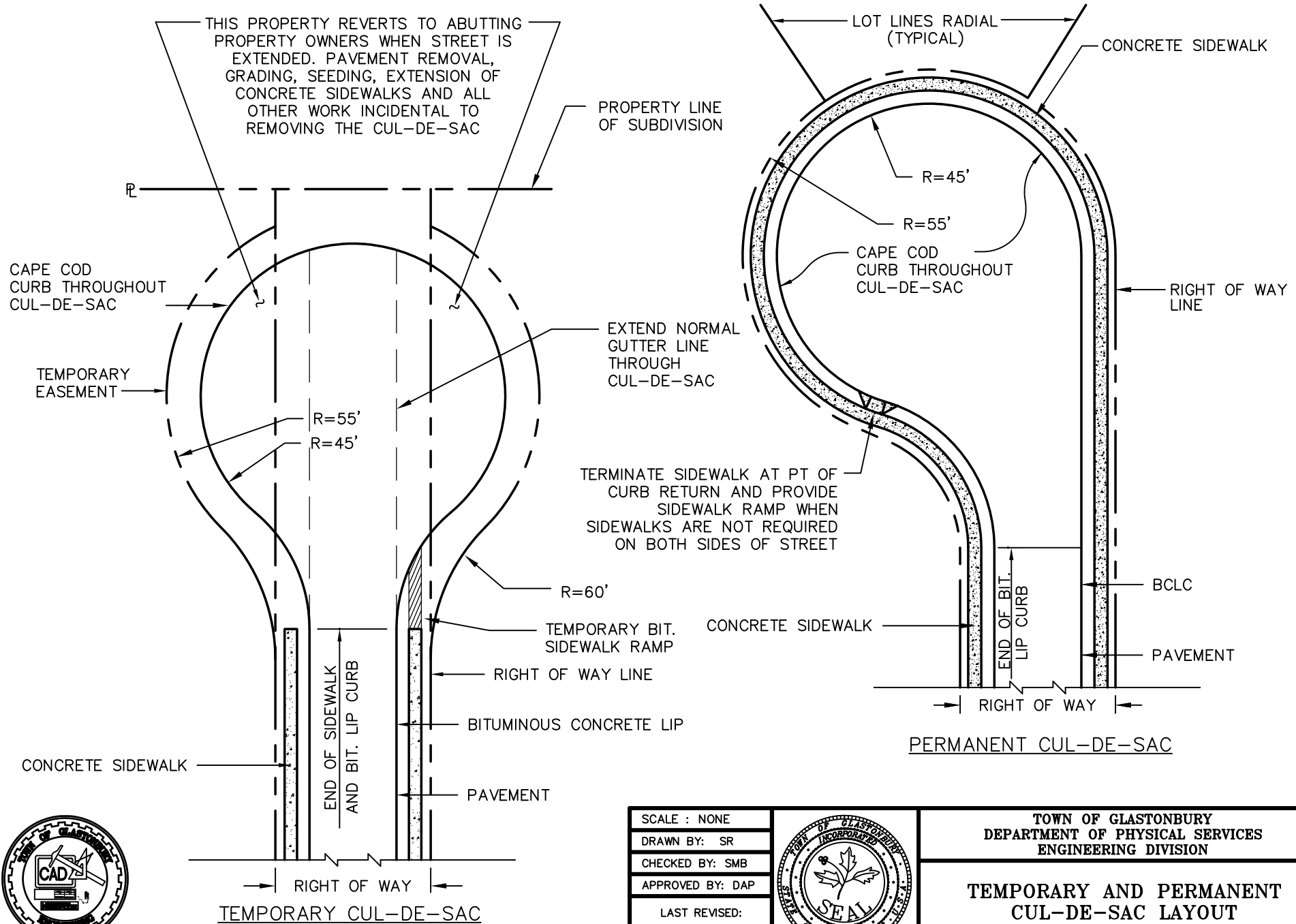


SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 3/28/2017



TOWN OF GLASTONBURY DEPARTMENT OF PHYSICAL SERVICES ENGINEERING DIVISION
ARTERIAL STREET TYPICAL SECTION (>3000 ADT)
PLATE NO. 1E

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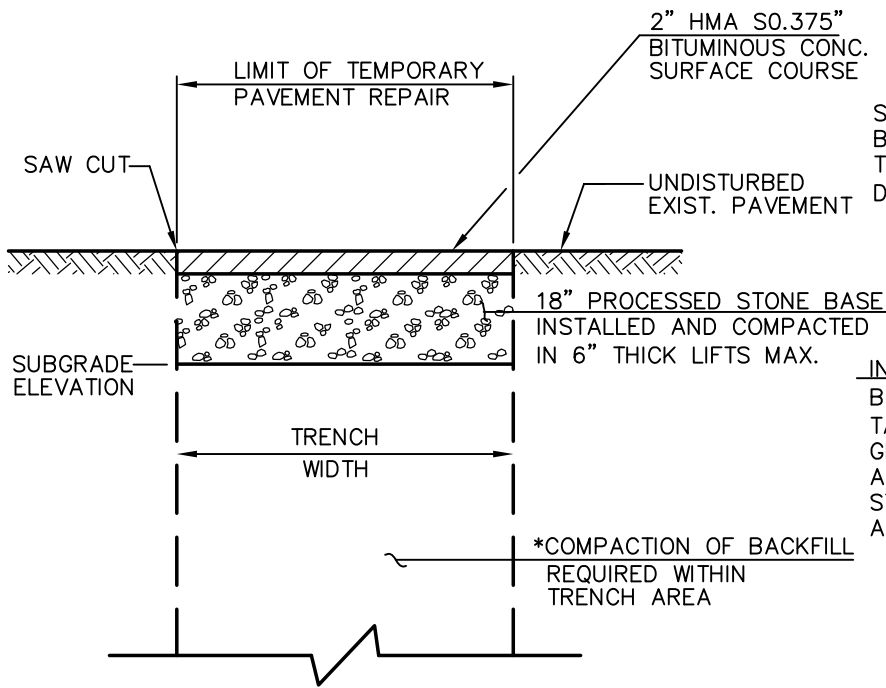


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APPROVED BY: DAP
LAST REVISED: 2/21/2008

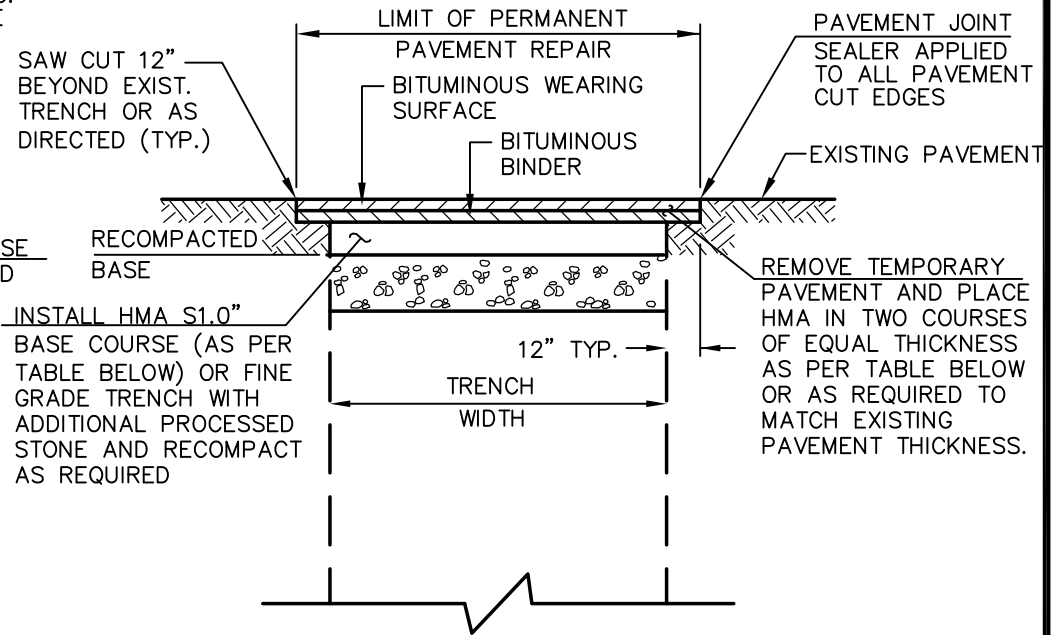


TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

**TEMPORARY AND PERMANENT  
CUL-DE-SAC LAYOUT**



TEMPORARY PAVEMENT REPAIR DETAIL



PERMANENT PAVEMENT REPAIR DETAIL

NOTES:

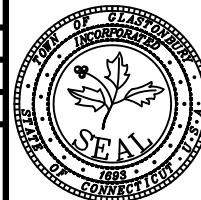
1. PROCESS STONE BASE SHALL BE CRUSHED TRAP ROCK CONFORMING TO ARTICLE M.05.01 OF THE FORM 817 AND TOWN SPECIFICATIONS. GRAVEL OR RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.
2. PERMANENT TRENCH REPAIRS FOR STREETS WITH CONCRETE PAVEMENT OR CONCRETE BASE MAY CONSIST OF 2" HMA S0.5", 6" HMA S1.0", AND 10" GRAVEL SUBBASE AT THE DISCRETION OF THE TOWN ENGINEER.
3. AT THE REQUEST OF THE TOWN ENGINEER THE CONTRACTOR SHALL VERIFY AND SUBMIT PROPER TESTING RESULTS THAT COMPACTION MEETS WITH TOWN'S STANDARDS FOR A 95% COMPACTED DENSITY.

	LOCAL OR COLLECTOR	ARTERIAL (> 3000 ADT)
--	--------------------	-----------------------

HMA S0.375"	1.5"	N/A
HMA S0.5"	2"	3" (IN TWO LIFTS)
HMA S1.0"	N/A	6" (IN TWO LIFTS)

SCALE : NONE  
 DRAWN BY: SR  
 CHECKED BY: SMB  
 APPROVED BY: DAP

LAST REVISED:  
 3/28/2017



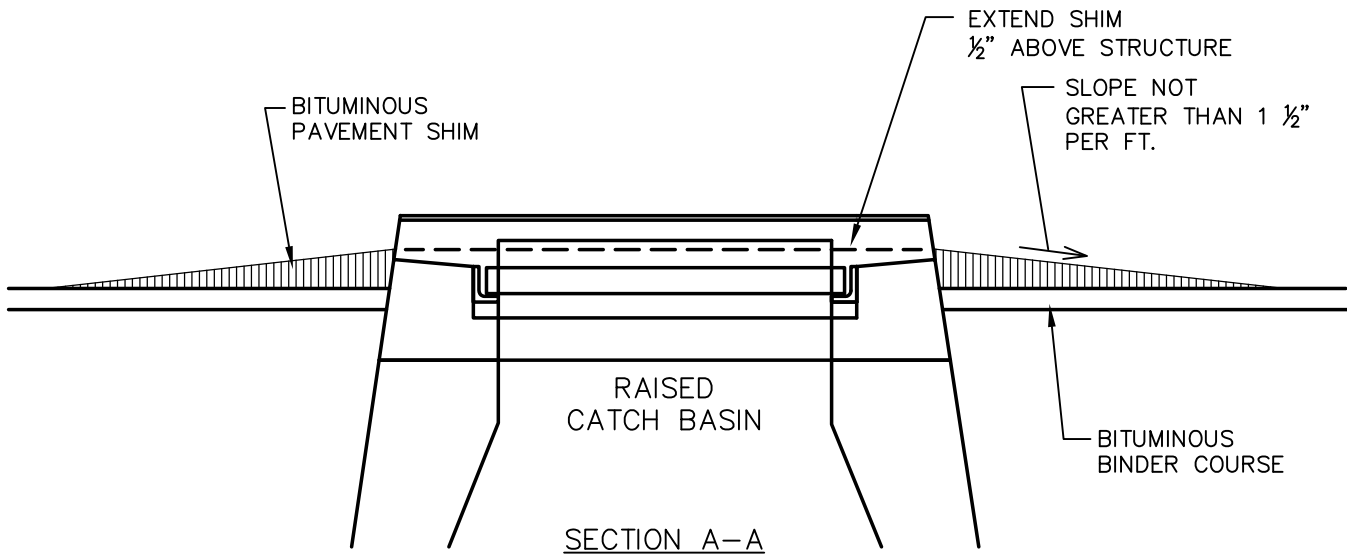
TOWN OF GLASTONBURY  
 DEPARTMENT OF PHYSICAL SERVICES  
 ENGINEERING DIVISION

TEMPORARY AND  
 PERMANENT PAVEMENT  
 REPAIRS



**NOTES:**

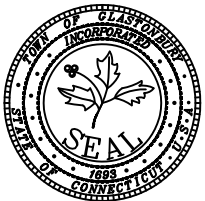
1. ALL MANHOLE FRAMES AND COVERS ARE TO BE SET FLUSH WITH BINDER COURSE. A MANHOLE RISER RING SHALL BE USED TO BRING MANHOLE COVER TO FINISHED GRADE PRIOR TO THE COMPLETION OF THE FINAL SURFACE COURSE.
2. OTHER STRUCTURES LEFT ABOVE FINISHED GRADE FOR THE WINTER MUST BE PROPERLY SHIMMED FOR PLOWING AS SHOWN IN THIS DETAIL.



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SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/2/2008



**TOWN OF GLASTONBURY**  
**DEPARTMENT OF PHYSICAL SERVICES**  
**ENGINEERING DIVISION**

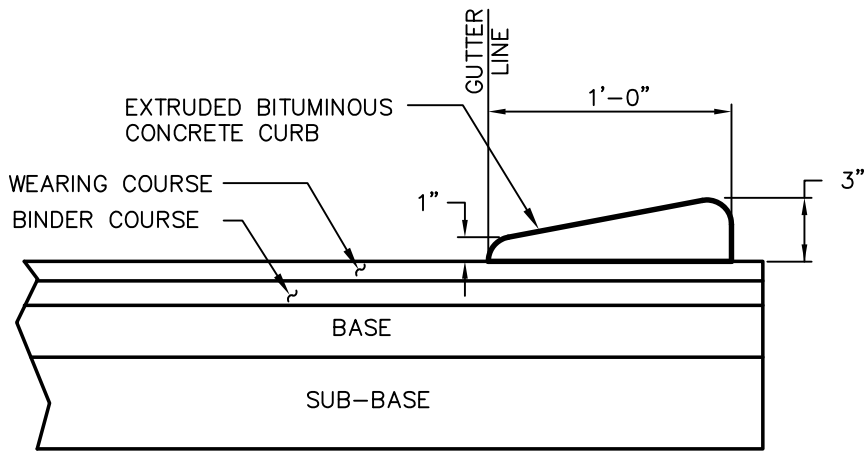
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**TEMPORARY**  
**PAVEMENT SHIMS**  
**FOR RAISED STRUCTURES**

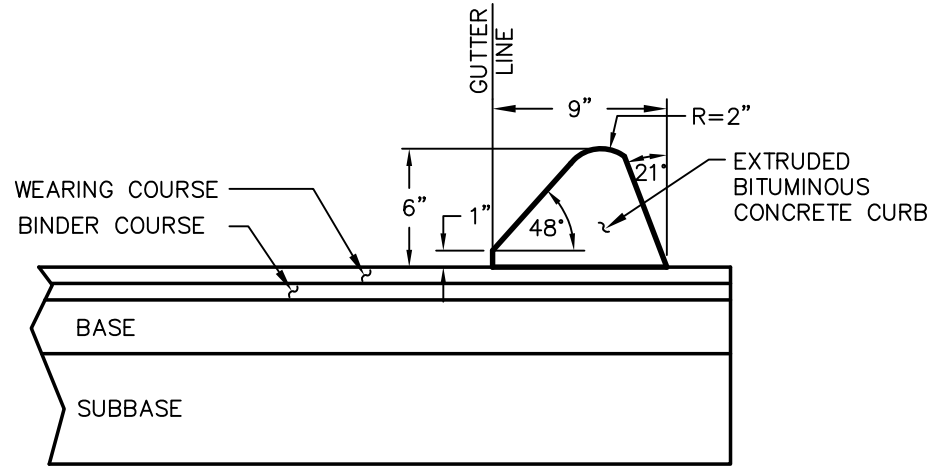
PLATE NO. 4



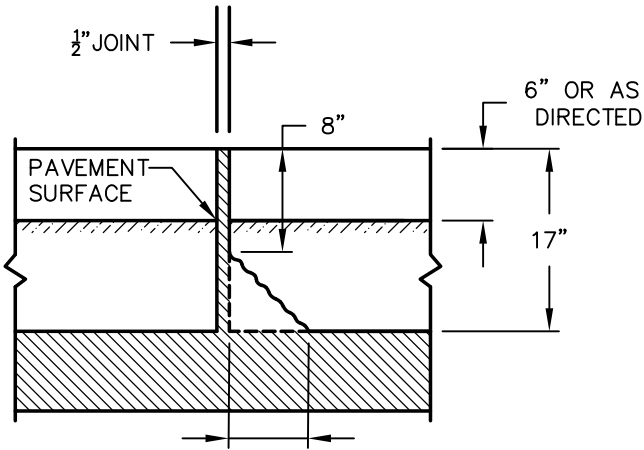
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BITUMINOUS CAPE COD CURBING

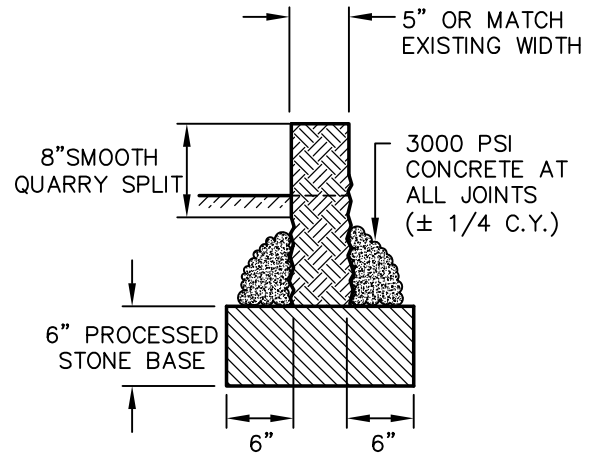


BITUMINOUS CONCRETE LIP CURBING



MAXIMUM ALLOWABLE BREAK BACK IS 9" FOR CURB LENGTHS OF 6' OR MORE, 6" FOR CURB LENGTHS LESS THAN 6'

VERTICAL GRANITE CURBING

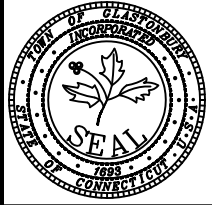


NOTES:

1. ALL BITUMINOUS CURBING IS TO BE SET ON THE WEARING COURSE.
2. ROADWAY SHALL BE SWEEPED CLEAN AND PROPERLY TACK COATED PRIOR TO BITUMINOUS CURB INSTALLATION.
3. CAPE COD CURB SHALL BE INSTALLED THROUGHOUT ALL CUL-DE-SACS AND OTHER AREAS AS DIRECTED.



SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 3/28/2017

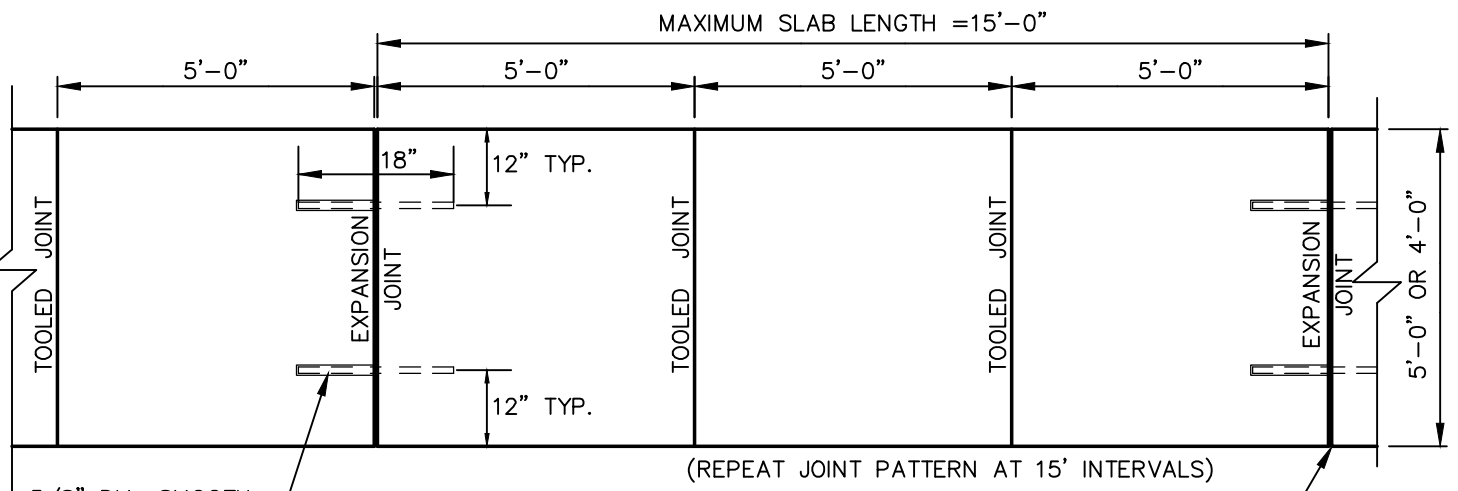


TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

**TYPICAL CURBING DETAILS**

**NOTES:**

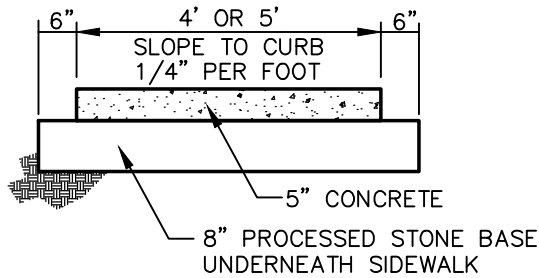
1. PROCESSED STONE BASE SHALL BE CRUSHED TRAP ROCK CONFORMING TO ARTICLE M.05.01 OF THE FORM 817 AND TOWN SPECIFICATIONS. GRAVEL OR RECLAIMED MISCELLANEOUS AGGREGATE SHALL NOT BE USED.
2. CONCRETE SHALL BE CONNDOT CLASS F, (4400 PSI, 28 DAY STRENGTH).
3. FORMS ARE TO BE SET TRUE TO LINE AND GRADE ON WELL COMPACTED BASE. FORMS SHALL BE 5" STEEL OR 2"x6" LUMBER. 2"x4" LUMBER SHALL NOT BE USED AND SHALL BE CAUSE FOR IMMEDIATE REJECTION OF SIDEWALK.
4. CONCRETE SHALL BE STRUCK OFF (SCREED) PRIOR TO BULL FLOATING. PROPER FINISHING PROCEDURES WILL BE FOLLOWED INCLUDING JOINTING, EDGING, AND BROOMING. A FINE BRISTLE BROOM SHOULD BE USED. ALL EDGING TOOL IMPRINTS SHOULD BE STEEL TROWELED PRIOR TO BROOMING.
5. AN APPROVED CURING COMPOUND / SEALER (CURESHIELD EX, SILENCURE SRT, REPEL100, OR EQUAL) SHALL BE APPLIED TO ALL CONCRETE SIDEWALK PER TOWN SPECIFICATIONS.
6. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT SURFACE FROM DAMAGE.
7. WALKS SHALL BE BACKFILLED AS SOON AS FORMS ARE REMOVED.
8. SIDEWALK SLABS SHOULD NOT EXCEED 5' IN WIDTH. IF SIDEWALK SLABS GREATER THAN 5' IN WIDTH ARE TO BE CONSTRUCTED, A LONGITUDINAL EXPANSION JOINT SHALL BE CONSTRUCTED TO FORM ACCEPTABLE SLABS.
9. INSERT 18" LONG SMOOTH METAL DOWELS AT ALL EXPANSION JOINTS, AT SIDEWALK RAMPS, AND AT THE LAST SLAB POURED AT THE END OF THE WORKING DAY. DOWELS SHALL ALSO BE INSTALLED BETWEEN NEW AND EXISTING CONCRETE SLABS.
10. EXPANSION JOINT SHALL BE 1/2" ASPHALT IMPREGNATED CELLULAR FIBER AND OF A DIMENSION EQUAL TO THE FULL SLAB DEPTH.



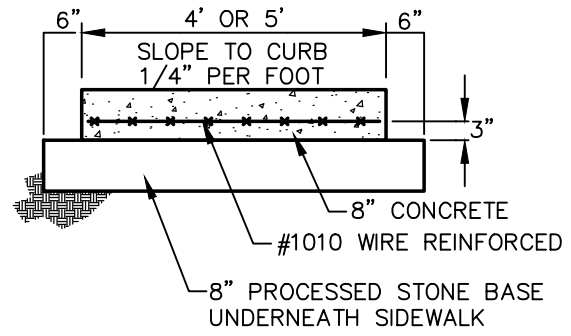
5/8" DIA. SMOOTH METAL DOWELS WITH "SPEED DOWEL" PLASTIC SLEEVE OR APPROVED EQUAL, SEE NOTE 9

SIDEWALK PLAN TYP.

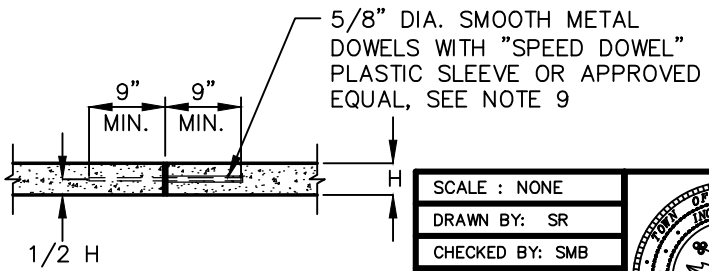
SEE NOTE 10



STANDARD SIDEWALK SECTION



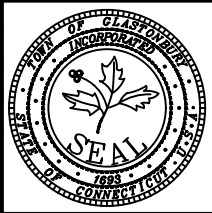
FOR INDUSTRIAL & COMMERCIAL AREAS ONLY DRIVEWAY SECTION



DOWEL DETAIL



SCALE : NONE  
 DRAWN BY: SR  
 CHECKED BY: SMB  
 APPROVED BY: DAP

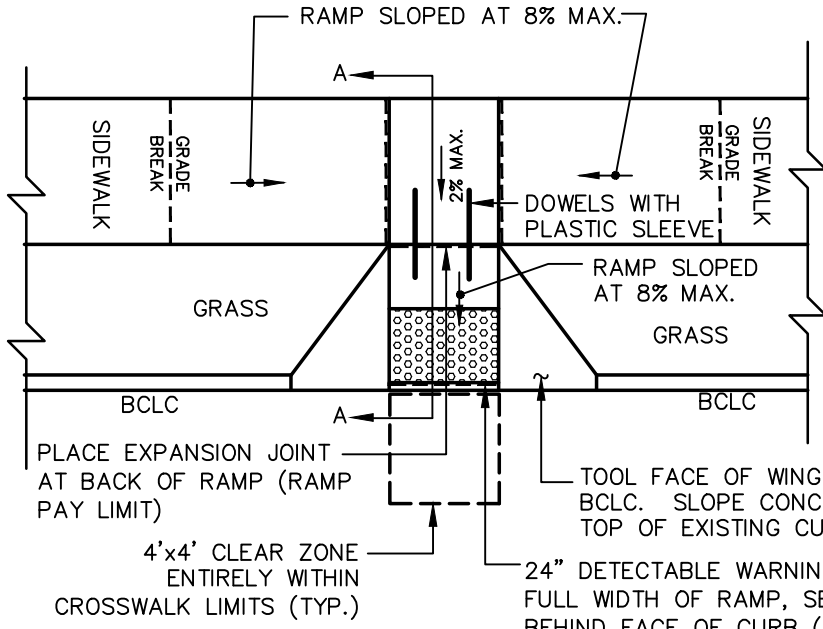


TOWN OF GLASTONBURY  
 DEPARTMENT OF PHYSICAL SERVICES  
 ENGINEERING DIVISION

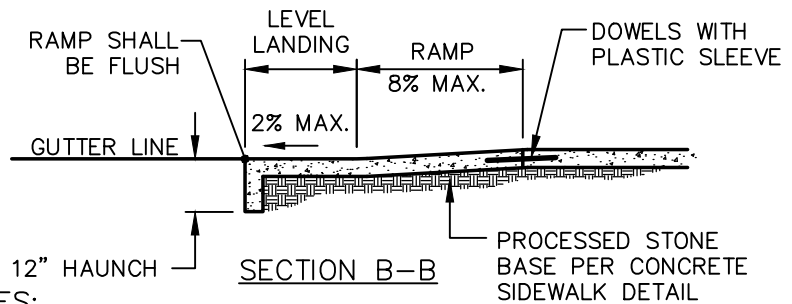
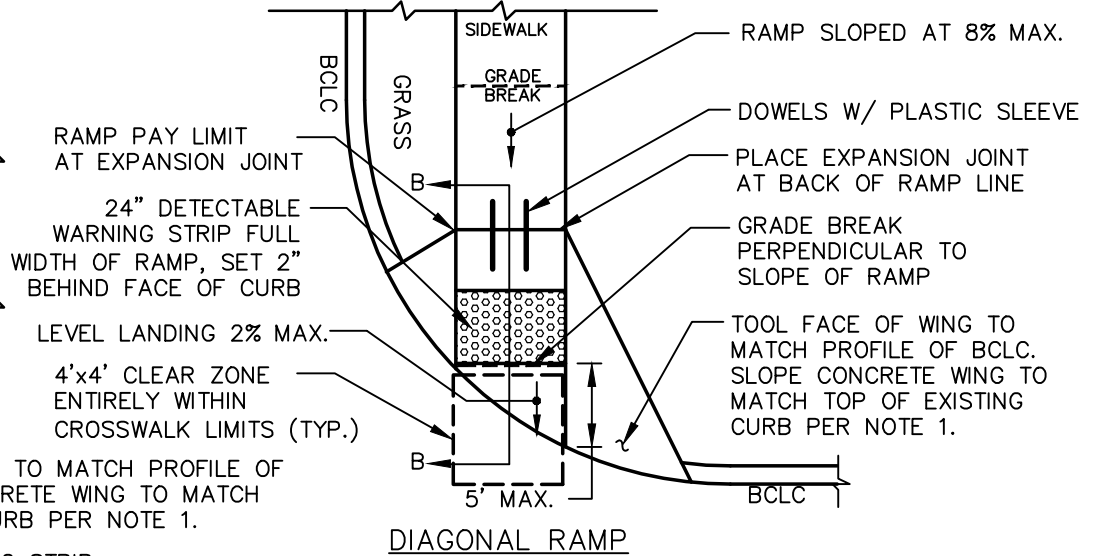
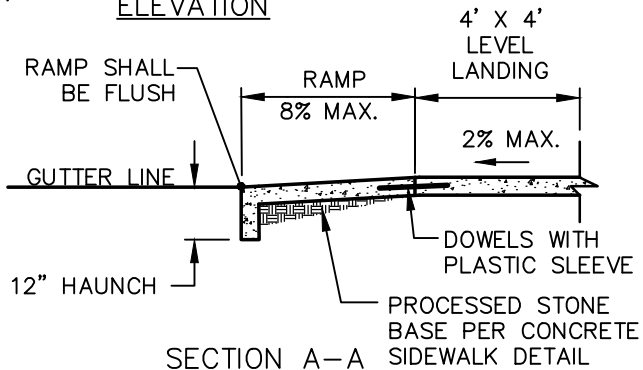
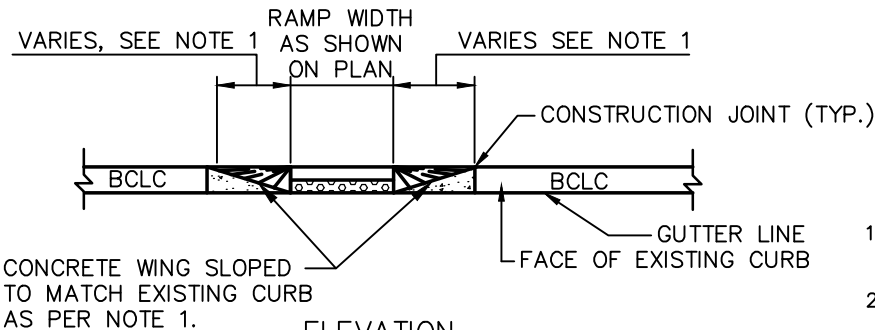
LAST REVISED:  
**12/8/2021**

**CONCRETE SIDEWALKS**

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**PERPENDICULAR RAMP**



**NOTES:**

1. WING SHALL HAVE A MAXIMUM SLOPE OF 2 INCHES PER FOOT WHERE GRASS STRIP SEPARATES SIDEWALK FROM CURB AND 1 INCH PER FOOT WHERE SIDEWALK DIRECTLY ABUTS CURB. SEE PROJECT SPECIFIC DETAILS FOR RAMP LAYOUT AND ELEVATIONS.
2. WHERE SIDEWALK RAMPS ABUT GRANITE CURB, CURB SHALL BE CONTINUOUS ACROSS THE FRONT OF THE RAMP AND HAUNCH INSTALLED DIRECTLY BEHIND THE CURB. WING MAY BE OMITTED AT GRANITE CURB IF INDICATED ON PROJECT SPECIFIC DETAILS.
3. GRADE BREAKS AT ENDS OF 8% MAX SLOPE RAMP SHALL ALWAYS BE PERPENDICULAR TO SLOPE OF RAMP AND PARALLEL TO EACH OTHER.
4. DETECTABLE WARNING STRIP SHALL BE A REPLACEABLE TACTILE WARNING SURFACE TILE AS MANUFACTURED BY ADA SOLUTIONS INC. (ADATILE.COM) OR APPROVED EQUAL. TILE SHALL BE THE FULL WIDTH OF THE RAMP, BRICK RED IN COLOR AND ALL ATTACHMENT HARDWARE SHALL BE STAINLESS STEEL.

SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 12/8/2021



TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

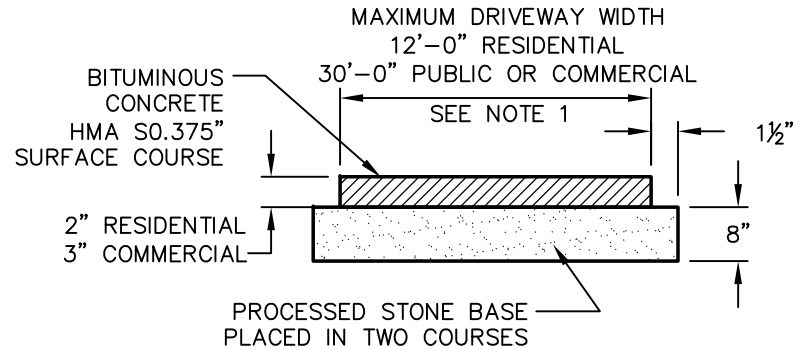
**CONCRETE SIDEWALK RAMPS**

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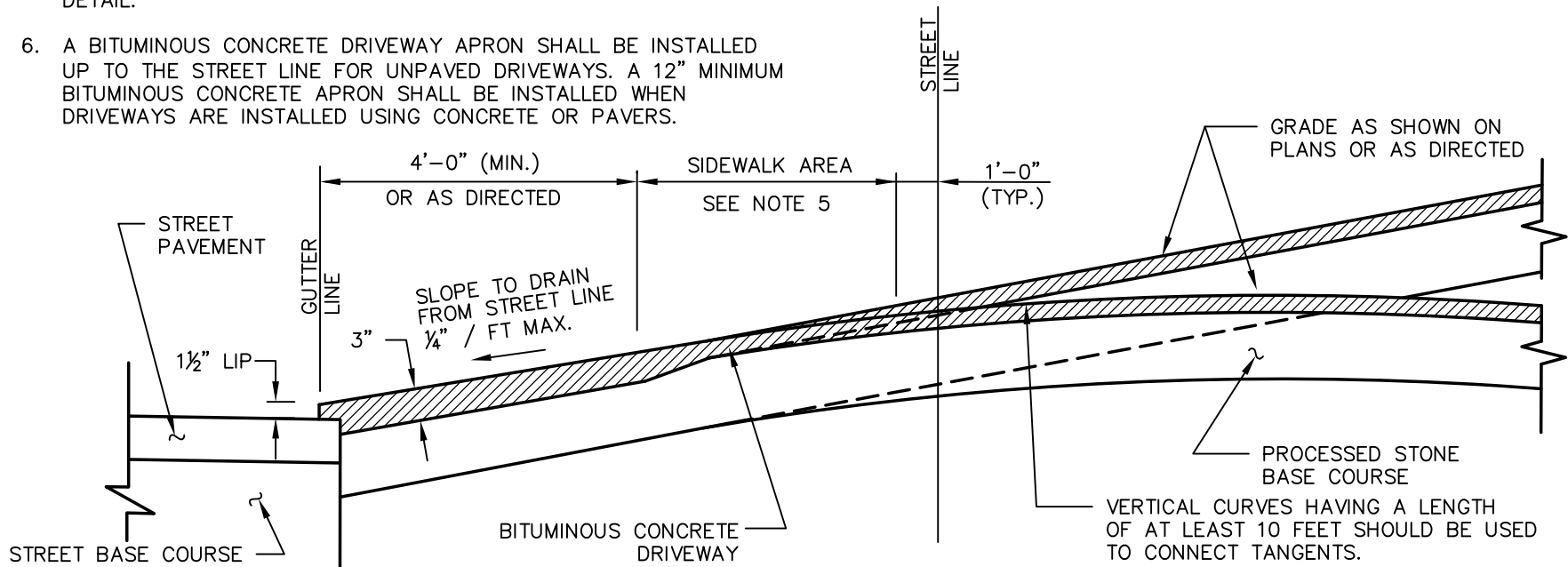


**NOTES:**

1. PRIVATE RESIDENTIAL DRIVEWAYS SHALL NOT EXCEED 12 FEET IN WIDTH AND PUBLIC OR COMMERCIAL DRIVEWAYS SHALL NOT EXCEED 30 FEET IN WIDTH UNLESS PRIOR APPROVAL IS GIVEN BY THE TOWN MANAGER. MAXIMUM CURB CUT DIMENSION MAY EXCEED THIS BY UP TO 6 FEET TO ALLOW FOR A 3 FOOT RADIUS AT THE INTERSECTION WITH THE PUBLIC STREET.
2. DRIVEWAYS SHALL NOT BE CONSTRUCTED WITHIN 20 FEET OF AN INTERSECTION OR 4 FEET OF A CROSS WALK.
3. NO TWO DRIVEWAYS SHALL BE CONSTRUCTED CLOSER THAN 8 FEET APART WHEN MEASURED AT THE GUTTER LINE OF THE STREET.
4. WHERE DRIVEWAYS CROSS EXISTING ROADSIDE DITCHES OR WATERCOURSES, CULVERTS SHALL BE INSTALLED PER SECTION 17-159 OF THE TOWN ORDINANCE.
5. IF CONCRETE SIDEWALKS ARE CALLED FOR THIS AREA SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SIDEWALK DETAIL.
6. A BITUMINOUS CONCRETE DRIVEWAY APRON SHALL BE INSTALLED UP TO THE STREET LINE FOR UNPAVED DRIVEWAYS. A 12" MINIMUM BITUMINOUS CONCRETE APRON SHALL BE INSTALLED WHEN DRIVEWAYS ARE INSTALLED USING CONCRETE OR PAVERS.



TYPICAL DRIVEWAY CROSS SECTION



SECTION ALONG DRIVEWAY CENTER LINE

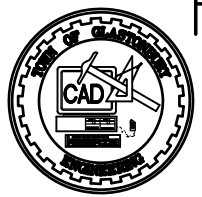
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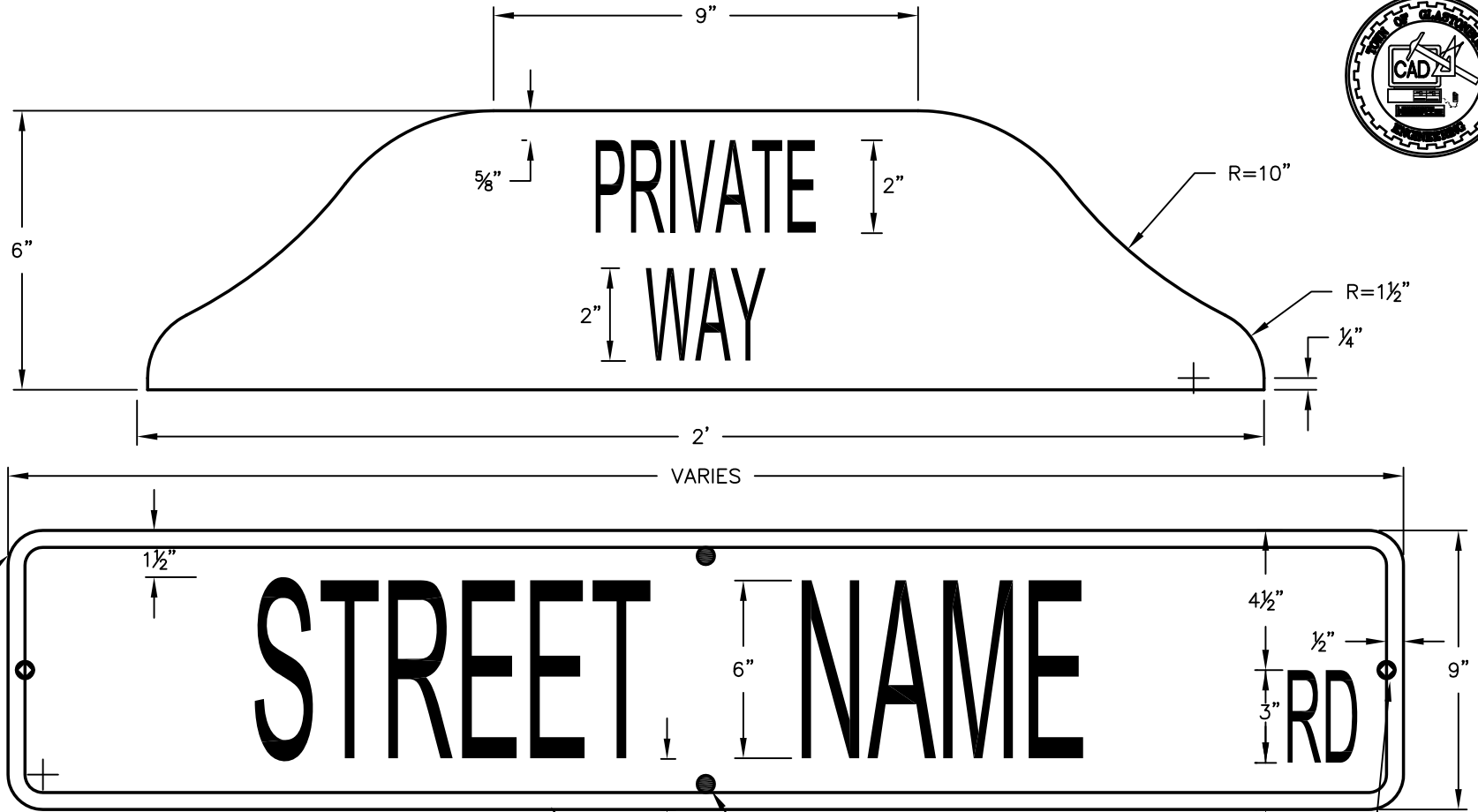


TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

**BITUMINOUS CONCRETE DRIVEWAY**

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**NOTES:**

1. SIGN BLADES SHALL BE 0.080 INCH THICK SHEET METAL ALUMINUM WITH HIGH INTENSITY PRISMATIC SHEETING.
2. SIGN FACE FOR PUBLIC ROADS SHALL BE GREEN WITH A 1/2-INCH THICK WHITE BORDER. SIGN FACE FOR PRIVATE ROADS SHALL BE BLUE WITH A 1/2-INCH THICK WHITE BORDER. "PRIVATE WAY" SIGN CAP SHALL BE BLUE AND INSTALLED FOR ALL PRIVATE ROADS.
3. ALL LETTERING SHALL BE WHITE CAPITAL LETTERS.
4. TWO (2) IDENTICAL SIGN BLADES SHALL BE PROVIDED FOR EACH SIGN, AND SHALL BE MOUNTED BACK TO BACK ON THE POST USING RIVETS AND PVC SPACERS AS SHOWN.
5. SIGN POST SHALL BE 10-FOOT TALL, 1.75-INCH SQUARE GALVANIZED STEEL POST (14 GAUGE).
6. BREAKAWAY BASE SHALL CONSIST OF A 3-FOOT TALL, 2-INCH SQUARE GALVANIZED STEEL POST (12 GAUGE).

1 1/2" 5/16" DRIVE RIVETS FOR POST MOUNTING (TYP.) 1/2" THICK WHITE BORDER

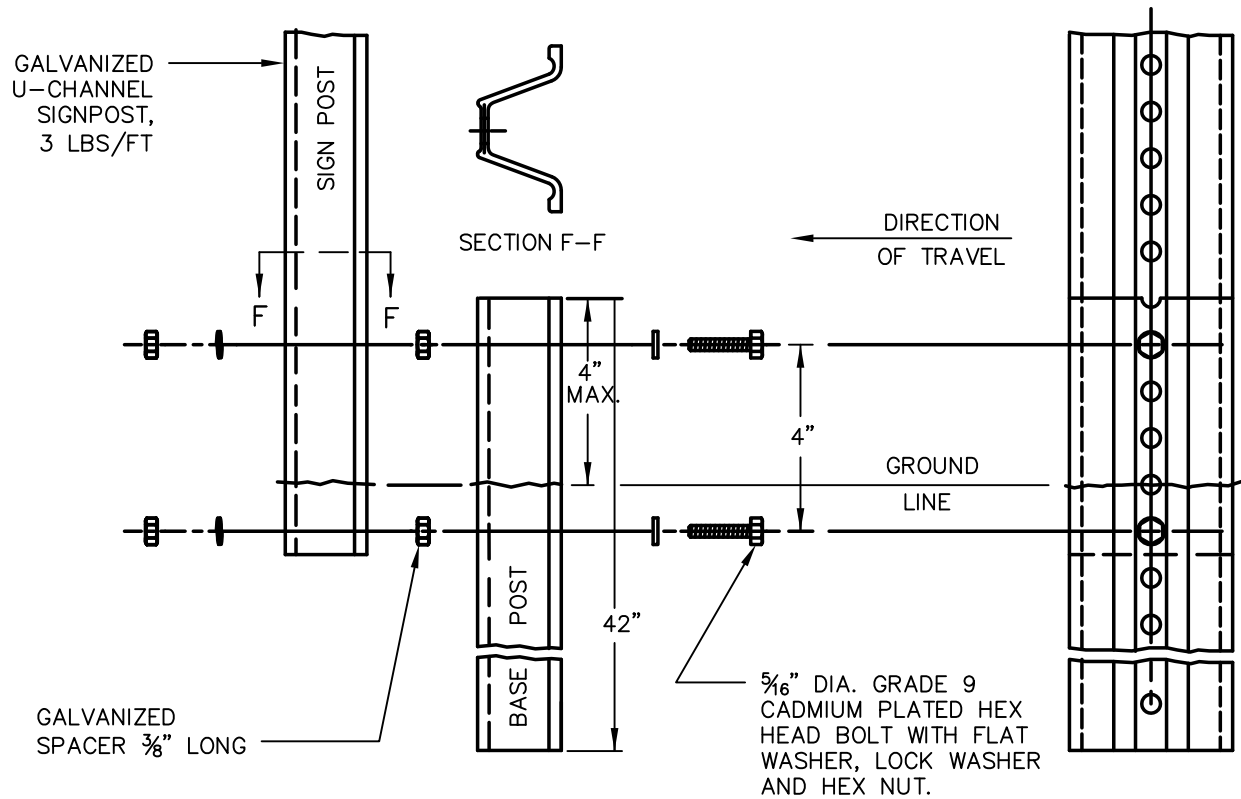
1 7/8" - 2 1/4" RIVETS WITH PVC SPACER FOR BACK TO BACK SIGN MOUNTING (TYP.)

SCALE : NONE
DRAWN BY: SR
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APPROVED BY: DAP
LAST REVISED: 11/16/2011



**TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION**

**STREET NAME SIGN  
AND POST DETAILS**



TRAFFIC SIGN POST WITH BREAKAWAY TYPE II INSTALLATION

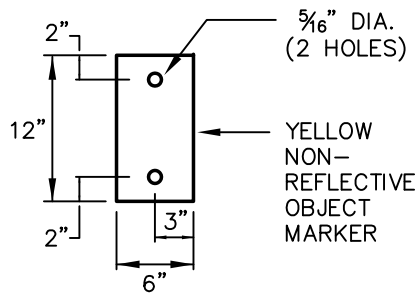


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LAST REVISED: 3/11/2008



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DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

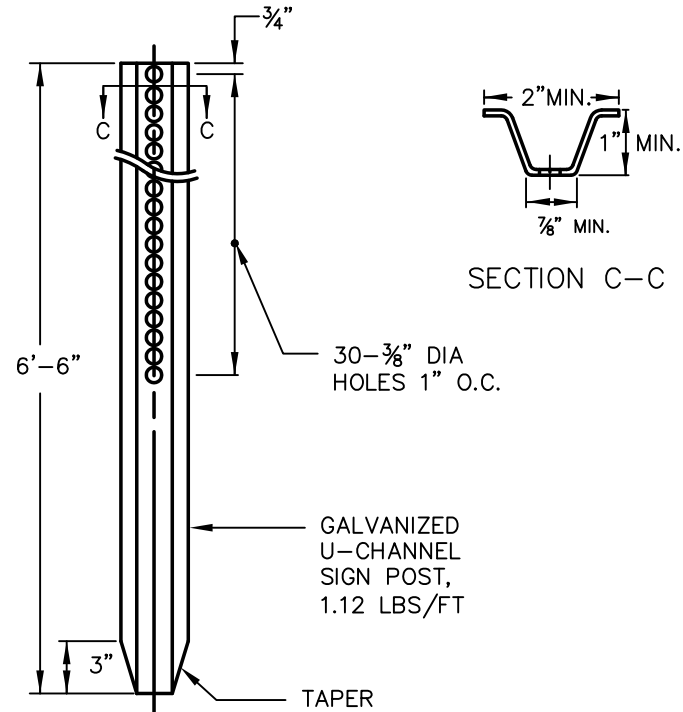
TRAFFIC SIGN POST WITH  
BREAKAWAY BASE



OBJECT MARKER SIGN

OBJECT MARKER NOTES

1. OBJECT MARKER ON METAL POST TO BE INSTALLED TO IDENTIFY CULVERT ENDS OR AS DIRECTED BY THE ENGINEER.
2. BOTTOM OF SIGN TO BE 3' ABOVE GROUND LEVEL



METAL OBJECT MARKER POST

WT./FT. = 1.12 LBS. MIN.

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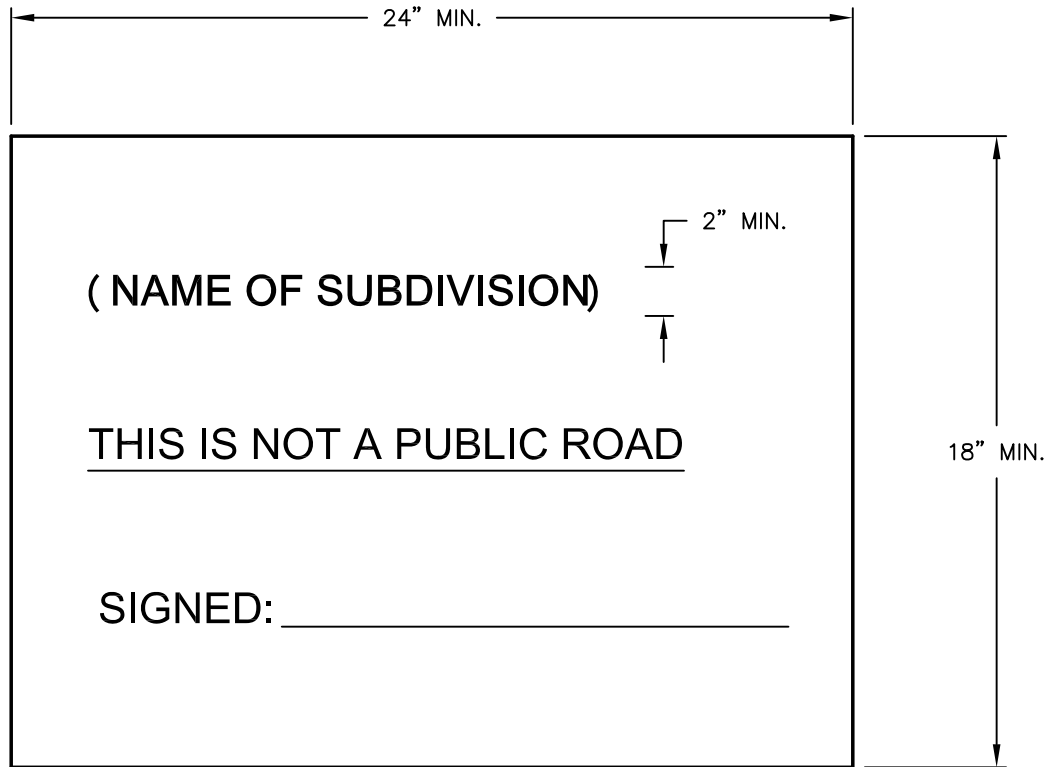


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APPROVED BY: DAP
LAST REVISED: <b>3/11/2008</b>



TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

**OBJECT MARKER SIGN  
AND POST DETAILS**



**NOTES:**

1. ALL ROADS BEING CONSTRUCTED AS PART OF APPROVED SUBDIVISIONS AND ARE NOT ACCEPTED TOWN ROADS MUST BE SIGNED IN ACCORDANCE WITH SECTION 10.11 OF THE SUBDIVISION AND RESUBDIVISION REGULATIONS.
2. THE SIGN SHALL BE CONSTRUCTED OF WOOD, PLASTIC, OR OTHER DURABLE MATERIAL.
3. CUSTOM SIGNS INCLUDING ANY ADDITIONAL GRAPHICS OR REVISION TO THE ABOVE SIGN LEGEND MUST BE APPROVED BY THE TOWN.

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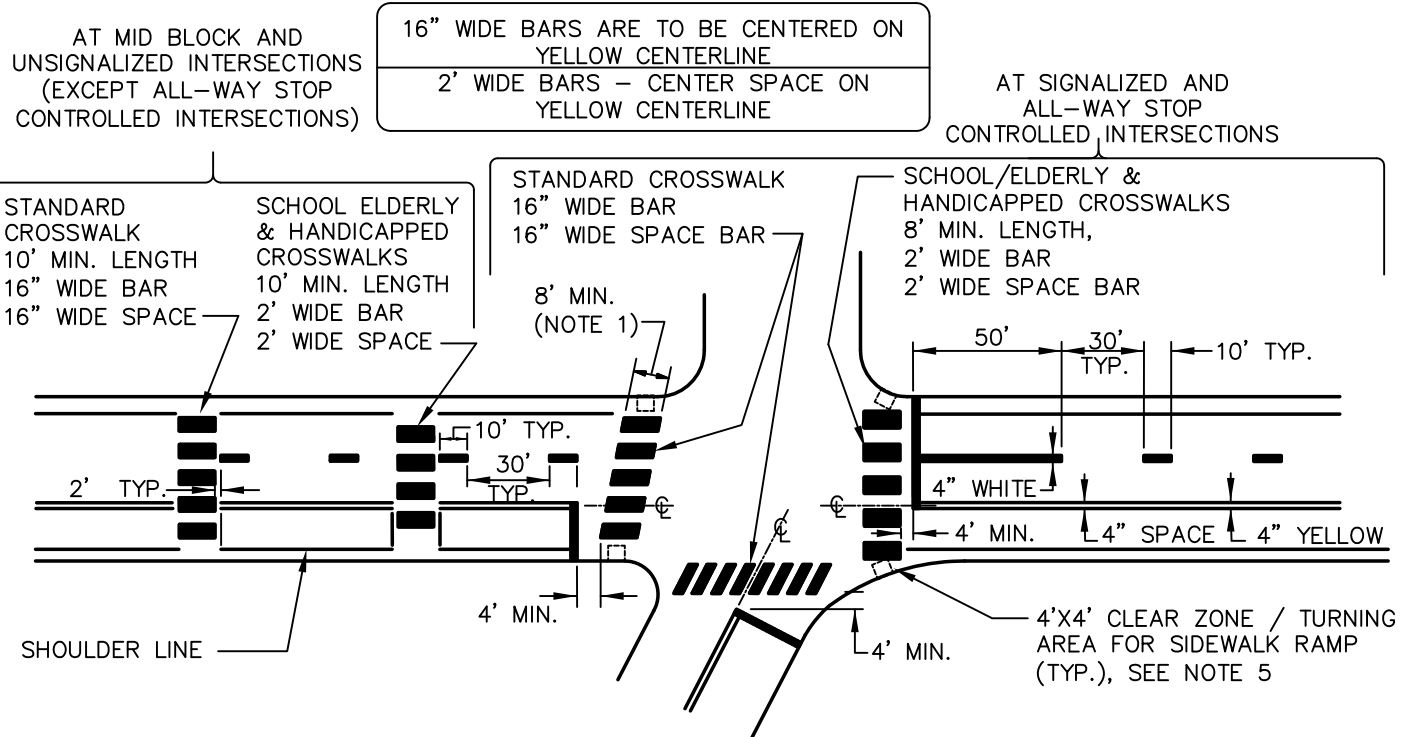


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CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/1/2016



<b>TOWN OF GLASTONBURY</b> <b>DEPARTMENT OF PHYSICAL SERVICES</b> <b>ENGINEERING DIVISION</b>
<b>TEMPORARY SUBDIVISION</b> <b>ROAD SIGN</b>
PLATE NO. 12





**NOTES: (STOP BARS)**

1. STOP BARS TO BE 12" MIN. UNLESS OTHERWISE NOTED ON PLANS.
2. STOP BARS TO BE MARKED A MINIMUM OF 4' IN ADVANCE OF NEAREST EDGE OF CROSSWALK.
3. IN ABSENCE OF MARKED CROSSWALK THE STOP BARS SHALL BE PLACED AT THE DESIRED STOPPING POINT. IN NO CASE MORE THEN 30' OR LESS THEN 5' FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY AND 90° TO THE CENTERLINE OR THE ROADWAY.
4. THE STOP BAR SHALL ORDINARILY BE PLACED IN LINE WITH THE STOP SIGN. HOWEVER, IF THE STOP SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLE ARE EXPECTED TO STOP, THE STOP BAR SHOULD BE PLACED AT THE STOPPING POINT.
5. STOP BARS AND CENTERLINE ARE TO BE MARKED ON SIDE STREETS WITHIN THE LIMITS OF CONSTRUCTION UNLESS, OTHERWISE INDICATED, OR AS DIRECTED BY THE ENGINEER.

**NOTES: (CROSSWALKS)**

1. AT LOCATIONS WHERE THE CROSSWALK IS SKEWED, BARS TO BE PARALLEL TO CL AND ENDS OF BARS TO BE PARALLEL. THE LENGTH OF THE BARS WILL VARY DEPENDING ON THE ANGLE OF SKEW.
2. SCRAMBLE WALKS TO BE MARKED WITH ONE 24" WIDE LINE ACROSS EACH APPROACH.
3. BARS SHALL NORMALLY BE NO LONGER THAN 2' FROM CURB LINE/EDGE OF ROAD.WHERE EXCESS SPACE MAY DEVELOP THIS DISTANCE MAY BE DECREASED TO 1'.
4. ONLY FULL LENGTH BARS ARE TO BE INSTALLED AT CORNERS.
5. 4'X4' CLEAR ZONE / TURNING AREA FOR SIDEWALK RAMP MUST FALL ENTIRELY WITHIN CROSSWALK LIMITS AND OUTSIDE TRAVELWAY. 4'X4' DIMENSIONS ARE MEASURED FROM THE BOTTOM GRADE BREAK AND CENTERED ON THE SIDEWALK RAMP. SEE PLATE NO. 7 FOR ADDITIONAL INFORMATION.

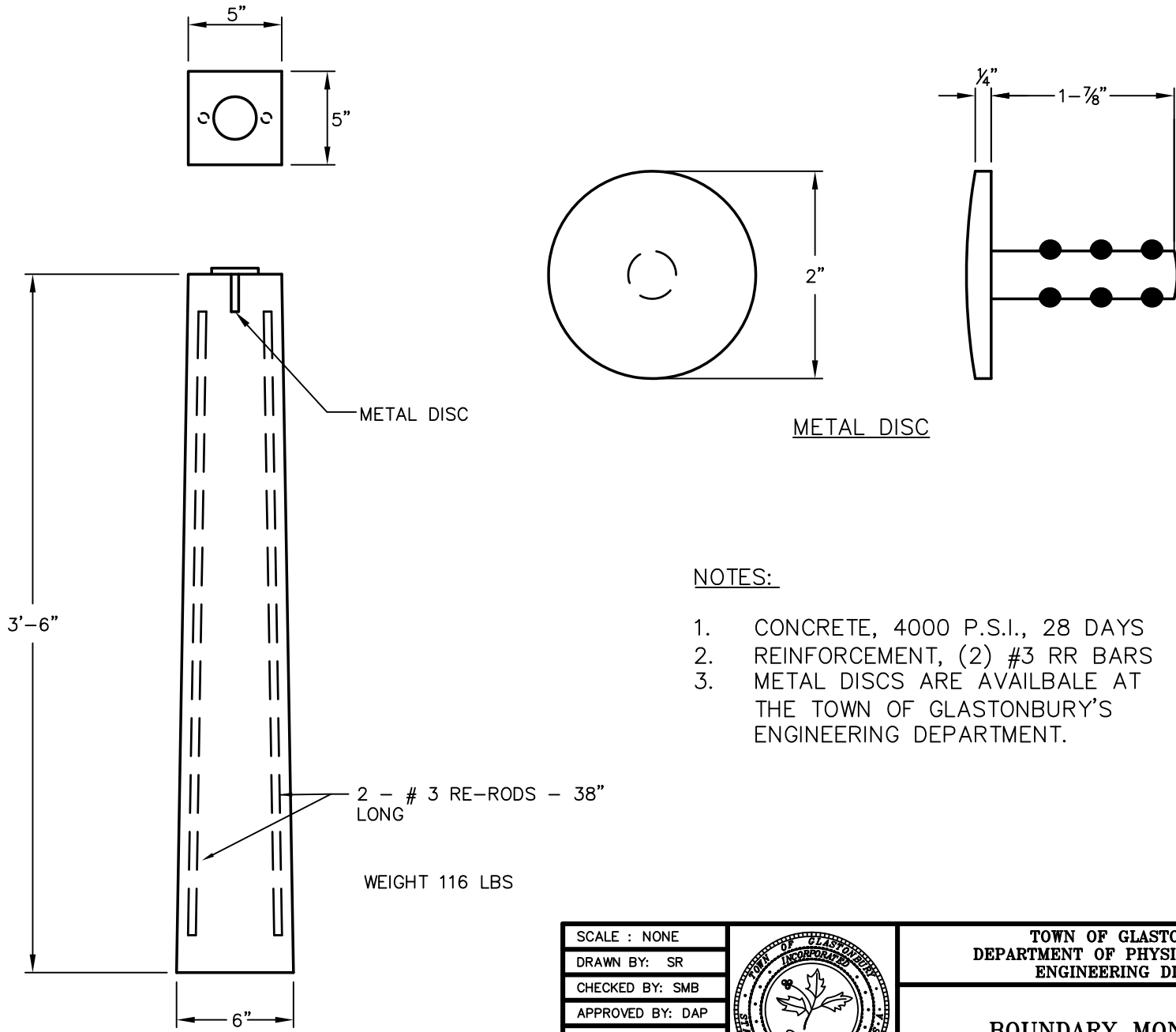


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CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/1/2016



TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

**STOP BAR AND CROSSWALK  
DETAIL**



NOTES:

1. CONCRETE, 4000 P.S.I., 28 DAYS
2. REINFORCEMENT, (2) #3 RR BARS
3. METAL DISCS ARE AVAILBALE AT THE TOWN OF GLASTONBURY'S ENGINEERING DEPARTMENT.

SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 4/29/2008

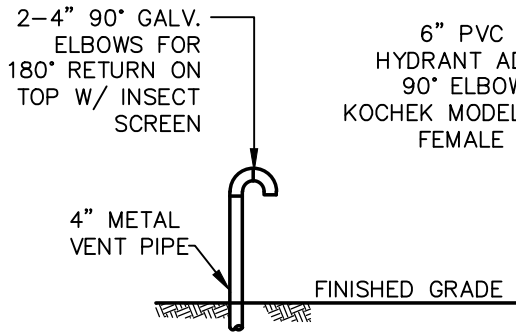


TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

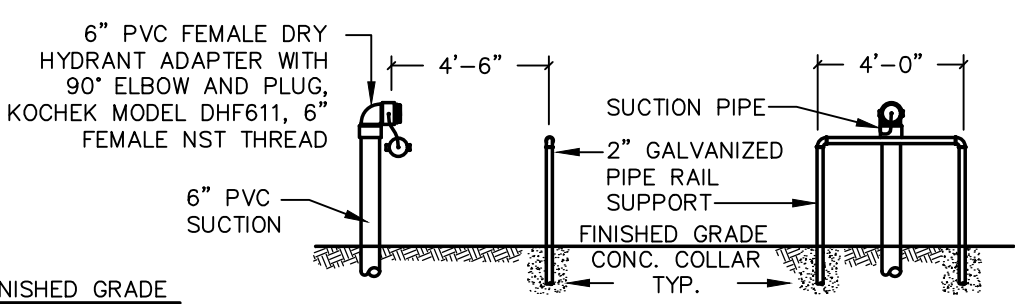
BOUNDARY MONUMENT



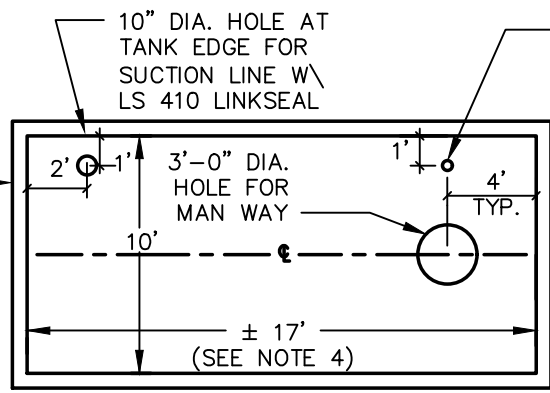
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**VENT PIPE DETAIL**  
SCALE: NTS



**SUCTION PIPE & SUPPORT RAIL DETAILS**  
SCALE: NTS

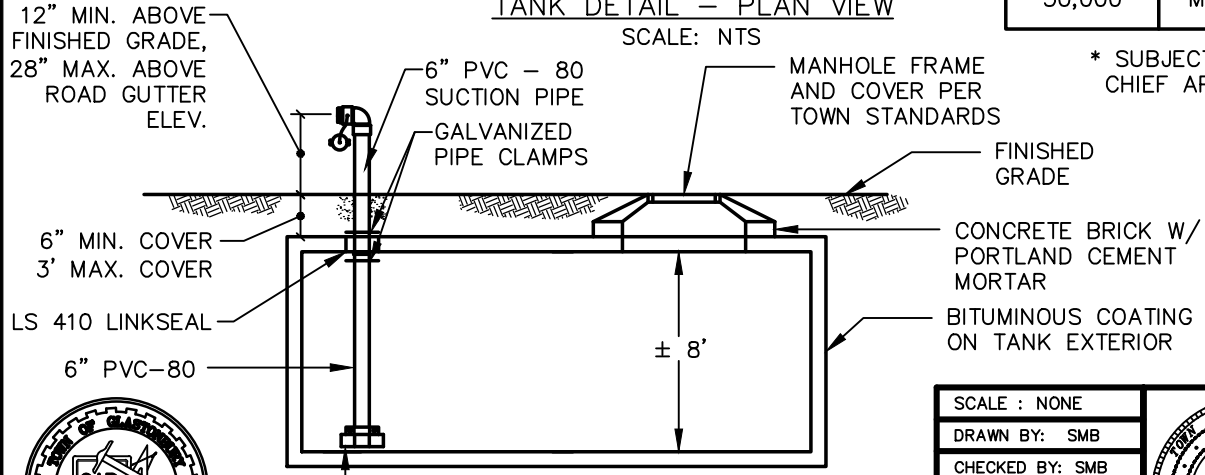


**TANK DETAIL - PLAN VIEW**  
SCALE: NTS

TYPICAL TANK SIZING INFORMATION\*

GALLONS	# STRUCTURES SERVED
10,000	3 OR LESS
30,000	MORE THAN 3

\* SUBJECT TO FIRE CHIEF APPROVAL



**TANK DETAIL - ELEVATION**  
SCALE: NTS



SCALE : NONE  
DRAWN BY: SMB  
CHECKED BY: SMB  
APPROVED BY: DAP

LAST REVISED:  
**1/7/2022**



**TOWN OF GLASTONBURY**  
**DEPARTMENT OF PHYSICAL SERVICES**  
**ENGINEERING DIVISION**

**WATER CISTERN**  
**FIRE TANK DETAIL**  
PLATE NO. 15

**NOTES:**

1. THE TANK SHALL MEET OR EXCEED AASHTO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" 1983 (HS20 LIVE LOAD).
2. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS. STEEL REINFORCEMENT SHALL BE DEFORMED BARS CONFORMING TO ASTM A615.
3. ALL PVC PIPE SHALL BE SCHEDULE 80.
4. TANK DIMENSIONS VARY DEPENDING ON LOCATION AND/OR REQUIRED STORAGE CAPACITY. TANK DIMENSIONS SHOWN ARE FOR A TYPICAL 10,000 GALLON TANK, MULTIPLE 5,000 GALLON TANKS (±11'X7.5'X8') CAN ALSO BE USED WITH APPROVAL BY THE FIRE CHIEF.
5. TANK EXTERIOR SHALL BE COATED WITH BITUMASTIC SEALANT.
6. ANY JOINTS SHALL BE AT THE TOP OF THE TANK AND SHALL BE WATER TIGHT.
7. TANK SHALL BE PROVIDED WITH A VENT WITH A MINIMUM DIAMETER OF 4 INCHES.
8. VENT PIPE SHALL BE MADE OF RUST RESISTANT METAL AND BE FITTED WITH A 180° RETURN ON TOP.
9. ALL PIPES SHALL BE PAINTED WITH RED RETROREFLECTIVE WATER BASED LATEX PAINT THAT IS SUITABLE FOR EXTERIOR USE.
10. A PIPE RAIL SUPPORT SHALL BE PROVIDED.

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6" PVC SUCTION PIPE DRY HYDRANT  
ADAPTER W/ 4.5" FEMALE NST  
THREAD AND ALUMINUM CAP, KOCHER  
MODEL DHF4512

EXTEND ENCASEMENT TO  
APPROX. DEPTH 4'

45° BEND

28" MAX.  
24" MIN.

NORMAL WATER LEVEL

42" MIN.

PROTECT HYDRANT  
HEAD WITH GUARD  
RAIL POSTS ON  
EITHER SIDE

LOW WATER LEVEL

3'-0"  
MIN.

16" DIA. CONCRETE  
ENCASEMENT  
(TYP.)

8" PVC SCHEDULE 40

45° BEND

6" PVC SCHEDULE 40

1'-0"  
MIN.

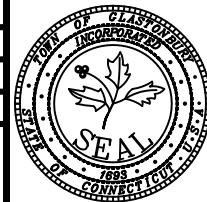
PROVIDE SUITABLE ANCHOR WHEN  
THIS DIMENSION EXCEEDS 8'

POND BOTTOM OR SUMP

8" HORIZONTAL PVC STRAINER  
WITH BACK FLUSHING COVER  
(KOCHER MODEL HS82) AND 8"  
STRAINER SUPPORT CLAMPS  
(KOCHER MODEL SSC80),



SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 1/28/2007

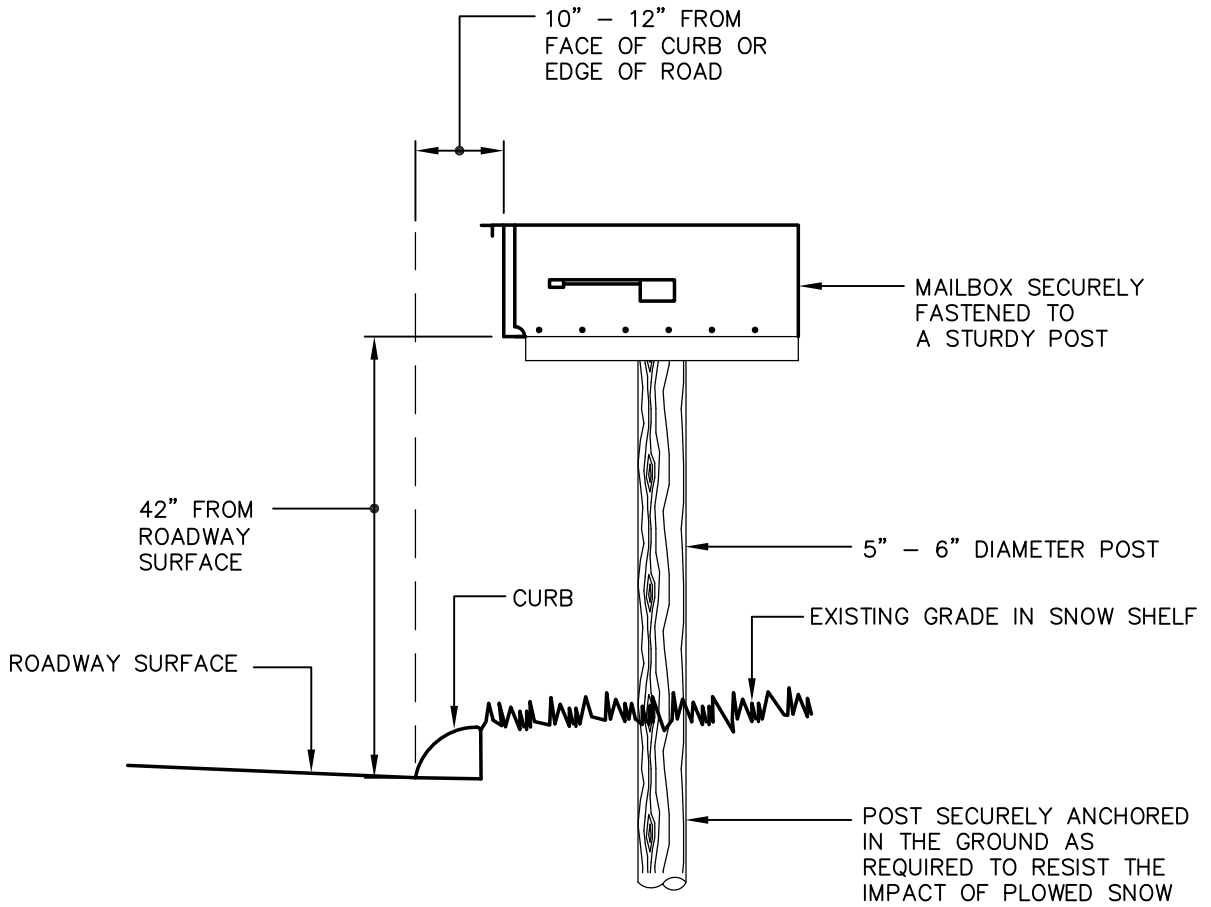


TOWN OF GLASTONBURY  
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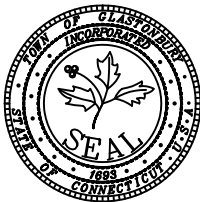
DRY HYDRANT  
DETAIL

PLATE NO. 16

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SCALE : NONE
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CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/2/2009



TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

MAILBOX INSTALLATION  
DETAIL

PLATE NO. 17