

Town of Millbury  
Minutes of  
Sewer Commission Meeting  
June 28, 2016

RECEIVED  
TOWN CLERK  
JUN 28 18 PM 2:42  
MILLBURY, MASS.

**ITEM ONE – CALL TO ORDER**

Chairman Nelson called the meeting to order at 5:03 p.m. Those in attendance are noted below:

Board Members

Gary Nelson  
Lisa Allain

Staff/Other

Rob McNeil  
Andrea Paquette

**ITEM TWO – APPROVAL OF MINUTES**

Lisa Allain motioned to approve the minutes of the June 14, 2016 meeting as submitted; Gary Nelson seconded; a unanimous vote of approval was obtained.

**ITEM THREE – FINANCE**

The Warrant was approved and vouchers were signed accordingly.

**ITEM FOUR – OPERATIONS**

Rob McNeil submitted correspondence to the Commission members which he received from Ray Willis of Onsite Engineering, Inc. with regards to *Ownership and Maintenance of Private Sewers*. He said he wants to review the Rules and Regulations (R&R) annually and asked the members to review the materials and provide him with comments accordingly. He said such standards and guidelines are blatantly missing from the current R&R and explained, including such language and details would help with inspections and/or maintenance in the future.

**ITEM SIX – SEWER CONNECTIONS**

Rob McNeil recommended the Sewer Commission approve sewer connection permits before the Commission this evening, per his review.

- 27 Singletary Ave.

Lisa Allain motioned to approve permit for Gary Pike Construction for new sewer connection at 27 Singletary Ave.; seconded by Gary Nelson; a unanimous vote of approval was obtained.

- 5 Brenda Drive

Lisa Allain motioned to approve permit for Mid State Sewerage for new sewer connection at 5 Brenda Dr.; seconded by Gary Nelson; a unanimous vote of approval was obtained.

**ITEM SEVEN - OTHER**

Rob told the Commission there are approximately 55 new betterments to move forward with in July and there will be more to come in the next six months.

**ITEM EIGHT – FUTURE MEETING DATES**

7/12/16, 8/9/16, 8/23/16

**ITEM NINE – ADJOURNMENT**

At 5:25 p.m. Lisa Allain motioned to adjourn the meeting, Gary Nelson seconded. Meeting adjourned.

Respectfully submitted,

  
Andrea Paquette  
Head Clerk

*Gary Nelson*

Gary Nelson

*Lisa Allain*

Lisa Allain

*Happy Erickson*

Happy Erickson

TOWN OF MILLBURY  
MEETING NOTICE/ AGENDA TOPICS



**Sewer Commission**

**Date of Meeting:**  
**Time of Meeting:**  
**Meeting Location:**

June 28, 2016  
5:00 PM  
Small Conference Room  
Regular Meeting  
**AGENDA**

1. Minutes:  
June 14, 2016 Meeting
2. Invoices:
3. Operations :  
Sewer System Rules & Regulations / Sewer Details & Regulation Verbage
4. Abatement Requests:
5. Betterments:
6. Sewer Extensions/Connections:  
Applications: 27 Singletary Ave. – Gary Pike Construction  
5 Brenda Dr. – Mid State Sewerage
7. Upcoming Meeting Dates:  
7/12/16, 8/9/16, 8/23/16
8. Adjournment

Any and all business not reasonably anticipated to be discussed

Signature of Chair Person or Clerk: \_\_\_\_\_

This notice is in accordance with the Open Meeting Law effective July 1, 2010.

## Ownership and Maintenance of Private Sewers

Sewers located on private property that connect to the Town operated and owned sewer system, are owned by the owner of the premises served. In the case where more than one premises is connected to the same private sewer, depending on the form of ownership, the owners of the respective premises shall be jointly and severally responsible for the maintenance and repair of the private sewer.

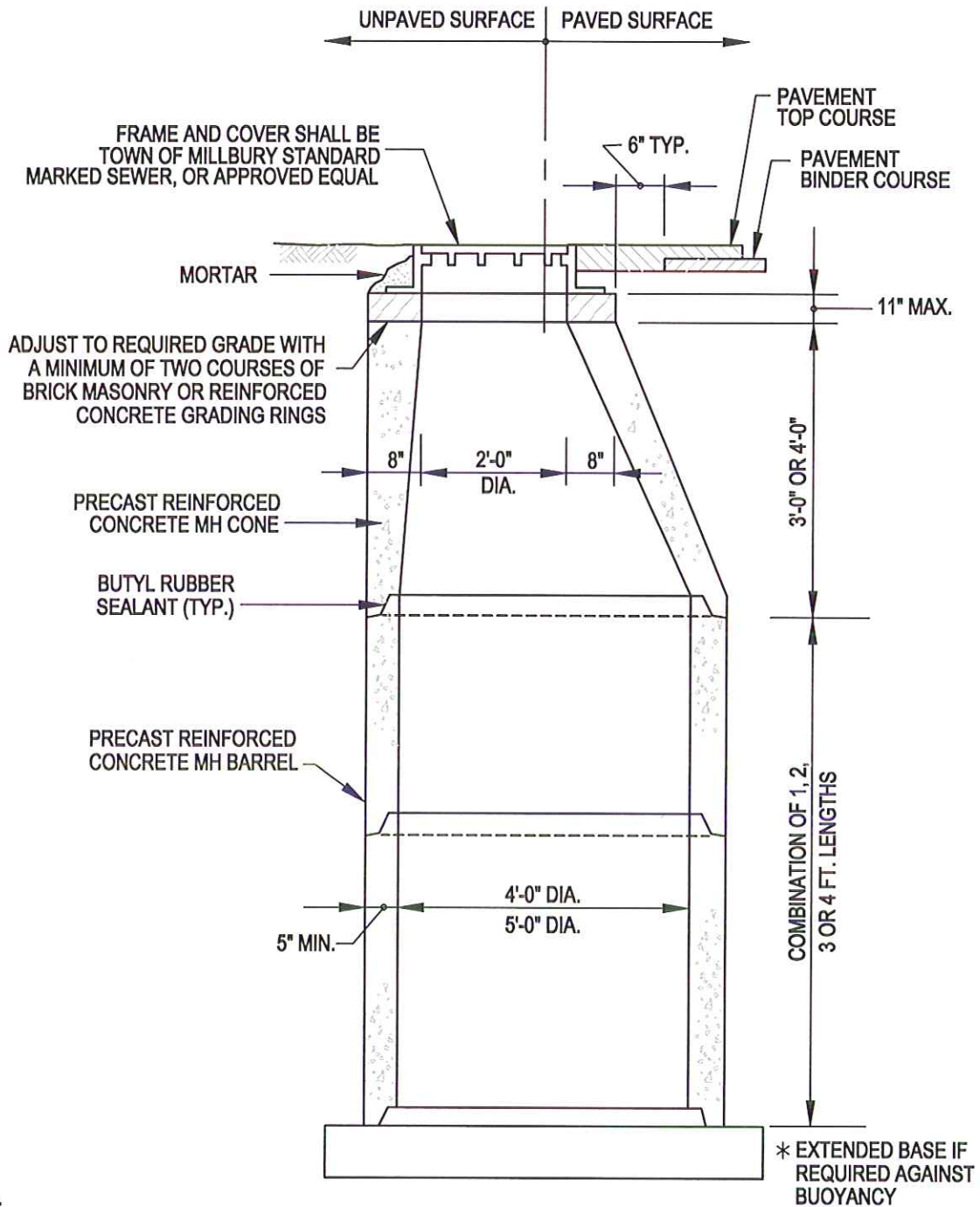
The owner of a private sewer shall at all times keep such sewers clean and in good repair in order not to cause excessive infiltration, exfiltration or inflow, depletion of groundwater, damage to property, odor, or harm to the Town's sewers. The owner shall maintain, repair, modify or replace an existing private sewer whenever it is determined by the Town that such sewers may endanger public health, create a public nuisance, result in public or private property damage, harm the Town's sewers, or impair water quality or the environment, and in such other circumstances as the Town deems appropriate. Private sewers shall be maintained, repaired, modified or replaced at the owner's expense.

As a condition of use of the Town operated and owned sewer system by a private system, the Millbury Board of Sewer Commissioners may require that periodic and/or routine inspections of private sewers be undertaken by the owner to demonstrate that the private sewers do not endanger public health, create a public nuisance, result in public or private property damage, harm the Town's sewers, or impair water quality or the environment, and in such other circumstances as the Town deems appropriate. Such inspections must be performed by NASSCO certified firm/individual with full report and documentation submitted to the Board of Sewer Commissioners and the Department of Public Works.

The Millbury Board of Sewer Commissioners, working in conjunction with the Department of Public Works, for specific purpose, may repair, modify, or replace portions of privately owned sewers, where it is in the public interest to do so. These specific purposes may include:

- (a) The replacement and/or rehabilitation of public sewerage system.
- (b) The mitigation of damage to the public sewerage system that may occur due to the failure of an Owner to repair or maintain a Building sewer.
- (c) Any DPW project involved in the repair, replacement, or maintenance of the public infrastructure system.
- (d) Those where public safety or public health is concerned.
- (e) As part of any project to improve the function and operability of the wastewater system.

The instances listed above, or other specific purposes not specified, shall not be construed to mandate the DPW to perform work on building sewers. The repairs, modifications, and/or replacements shall be performed at the owner's expense and billed to the owner and shall not set precedent or equate with public control.



**NOTE:**

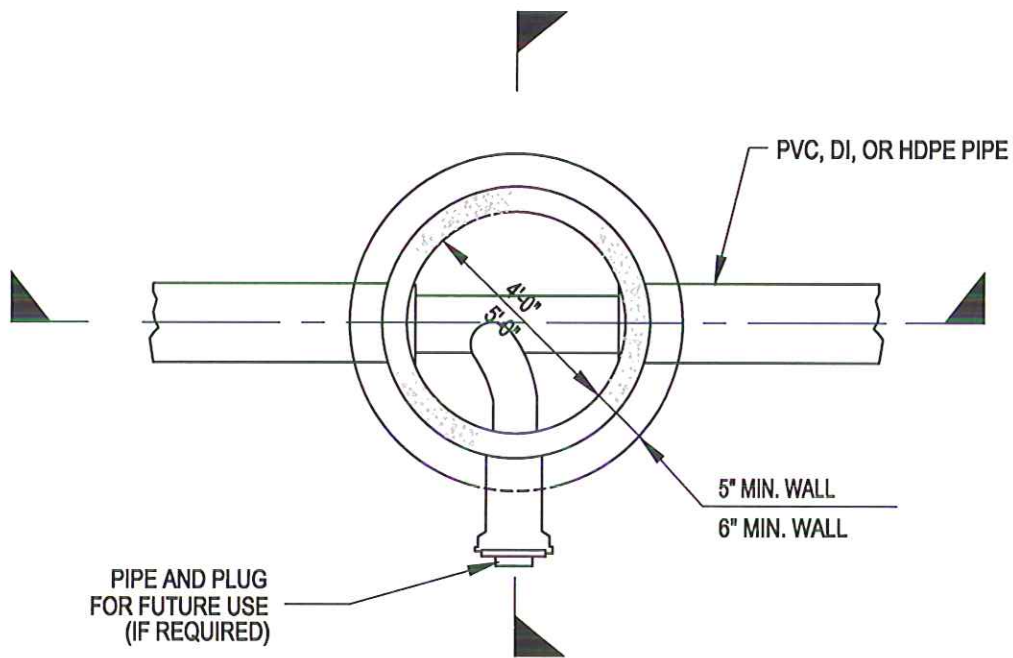
ALL EXTERIOR SURFACES OF MANHOLE GRADE ADJUSTMENT COURSES SHALL BE COVERED WITH 1/4" TO 3/8" MASONRY CEMENT PLASTER.

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Bicentennial*

**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**SEWER MANHOLE RISER  
WITH ECCENTRIC CONE**

DETAIL #: S.0.01  
DATE: MAY 2016  
SCALE: NONE



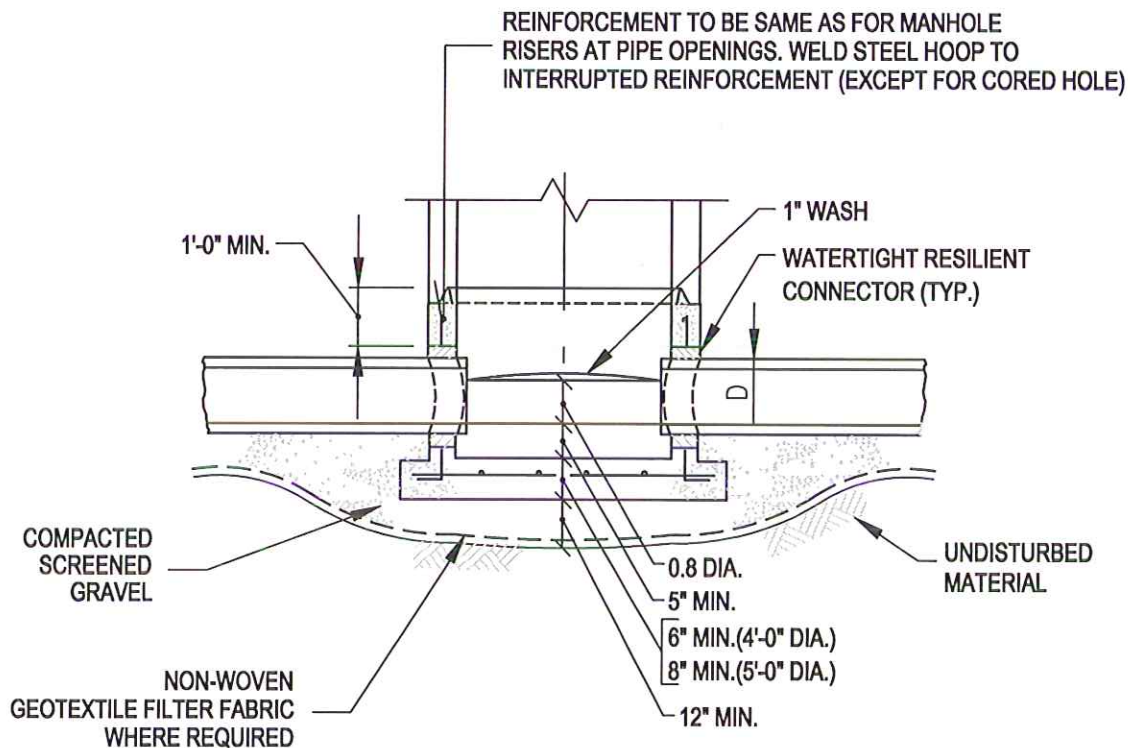
PLAN



**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**4'-0" OR 5'-0" PRECAST  
REINFORCED CONCRETE  
MANHOLE BASE FOR SEWERS  
SHEET 1 OF 3**

DETAIL #: S.0.02  
DATE: MAY 2016  
SCALE: NONE



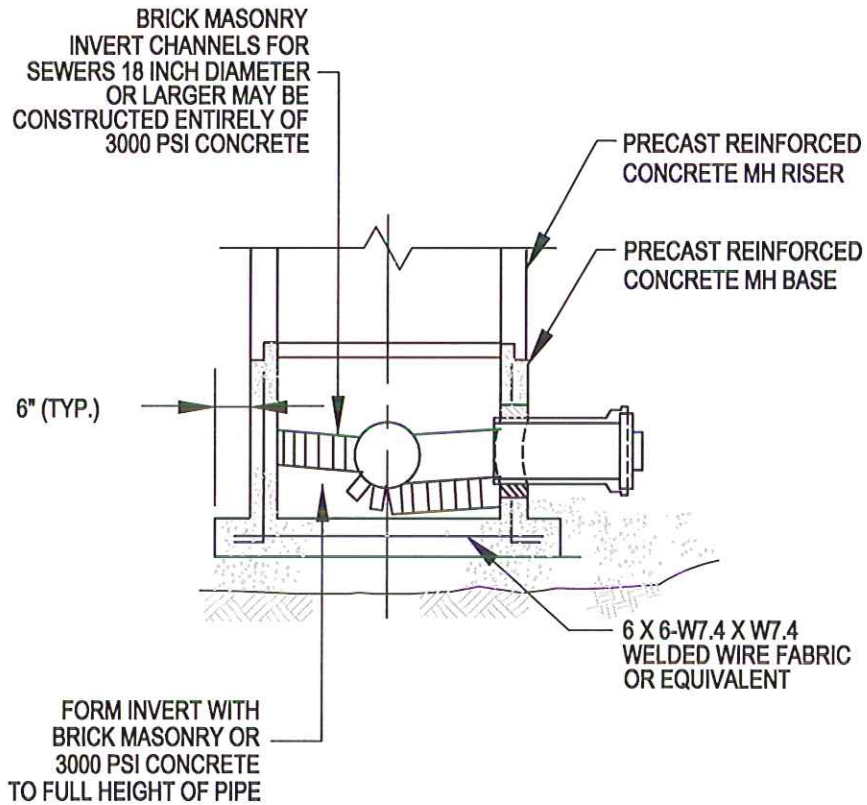
SECTION



**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**4'-0" OR 5'-0" PRECAST  
REINFORCED CONCRETE  
MANHOLE BASE FOR SEWERS  
SHEET 2 OF 3**

DETAIL #: S.0.03  
DATE: MAY 2016  
SCALE: NONE



SECTION



**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

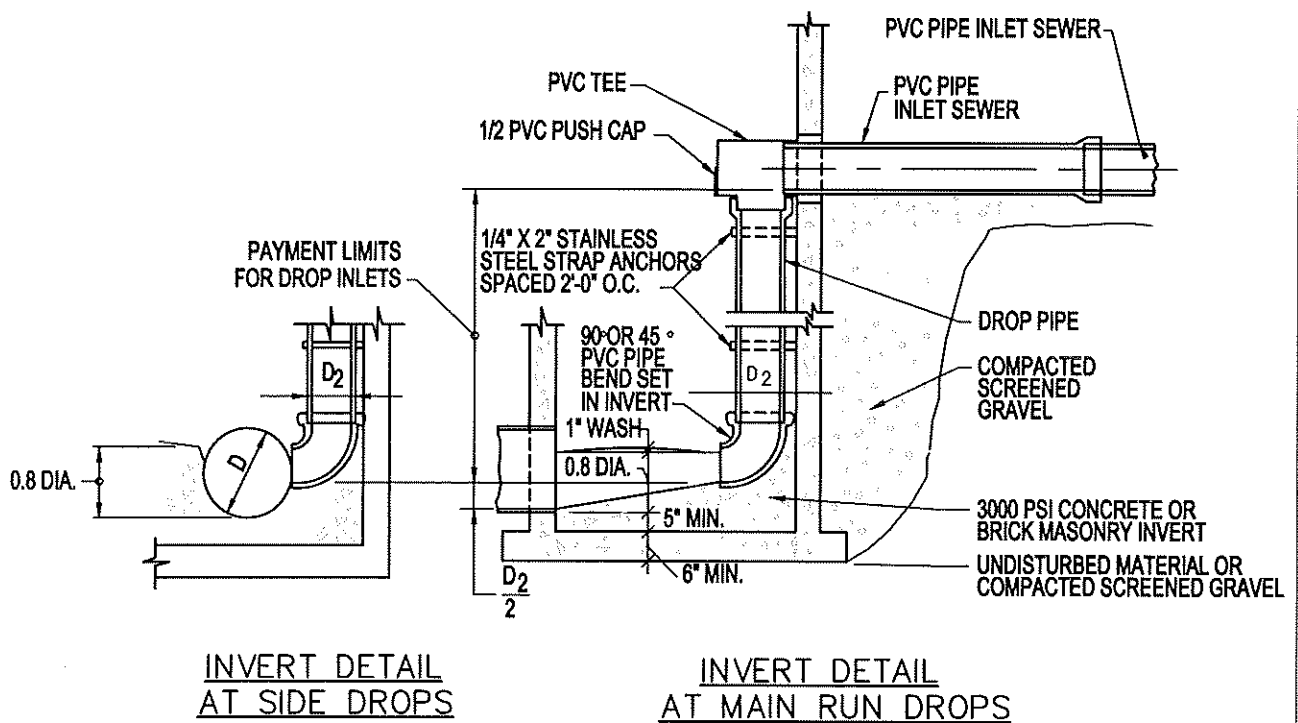
**4'-0" OR 5'-0" PRECAST  
REINFORCED CONCRETE  
MANHOLE BASE FOR SEWERS  
SHEET 3 OF 3**

DETAIL #: S.0.04  
DATE: MAY 2016  
SCALE: NONE



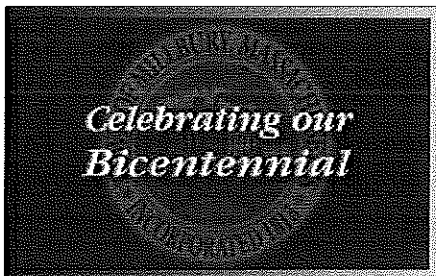
PIPE SIZE TABLE

PIPE SIZES (IN)	
INLET SEWER D <sub>1</sub>	DROP PIPE D <sub>2</sub>
12	12
10	10
8	8
6	6



**NOTE:**

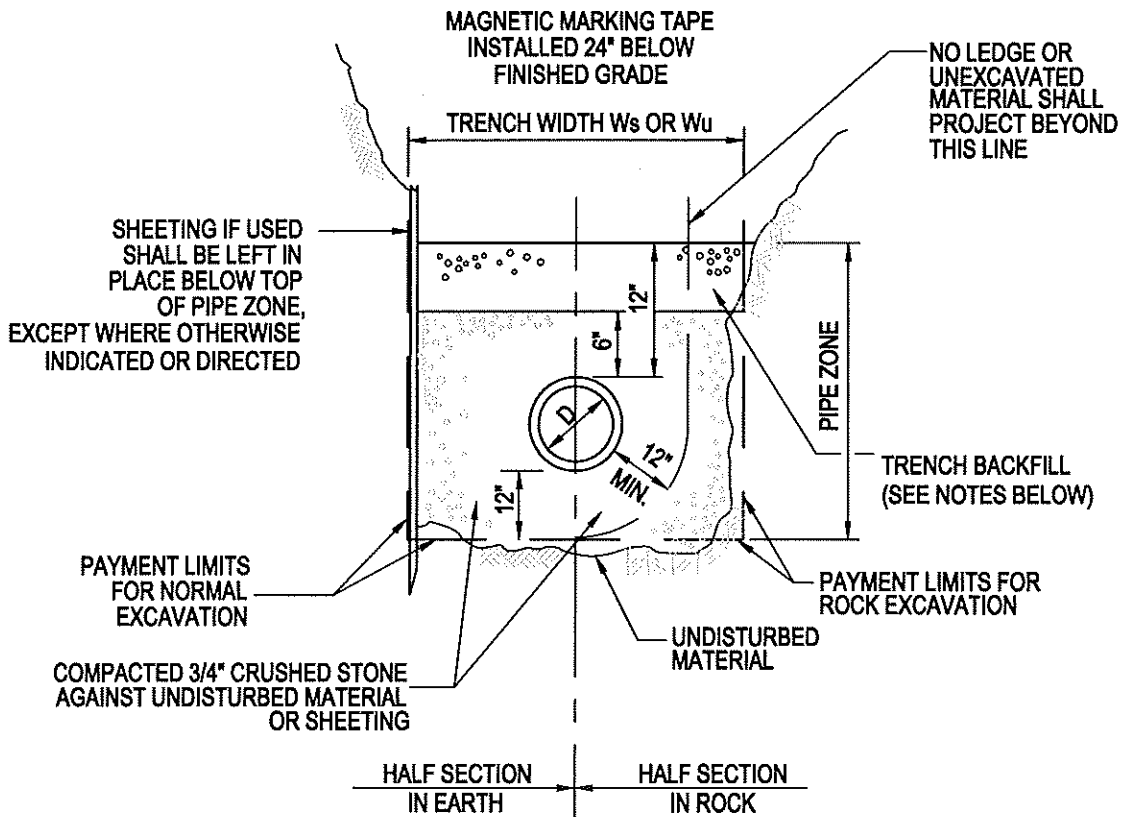
1. INSIDE DROP INLETS ARE DISCOURAGED UNLESS PRIOR APPROVAL IS OBTAINED FROM THE TOWN OF MILLBURY DPW.



**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**INSIDE DROP INLET FOR  
PVC PIPE SEWERS 12 INCH  
DIAMETER AND SMALLER**

DETAIL #: S.0.05  
DATE: MAY 2016  
SCALE: NONE



**NOTES:**

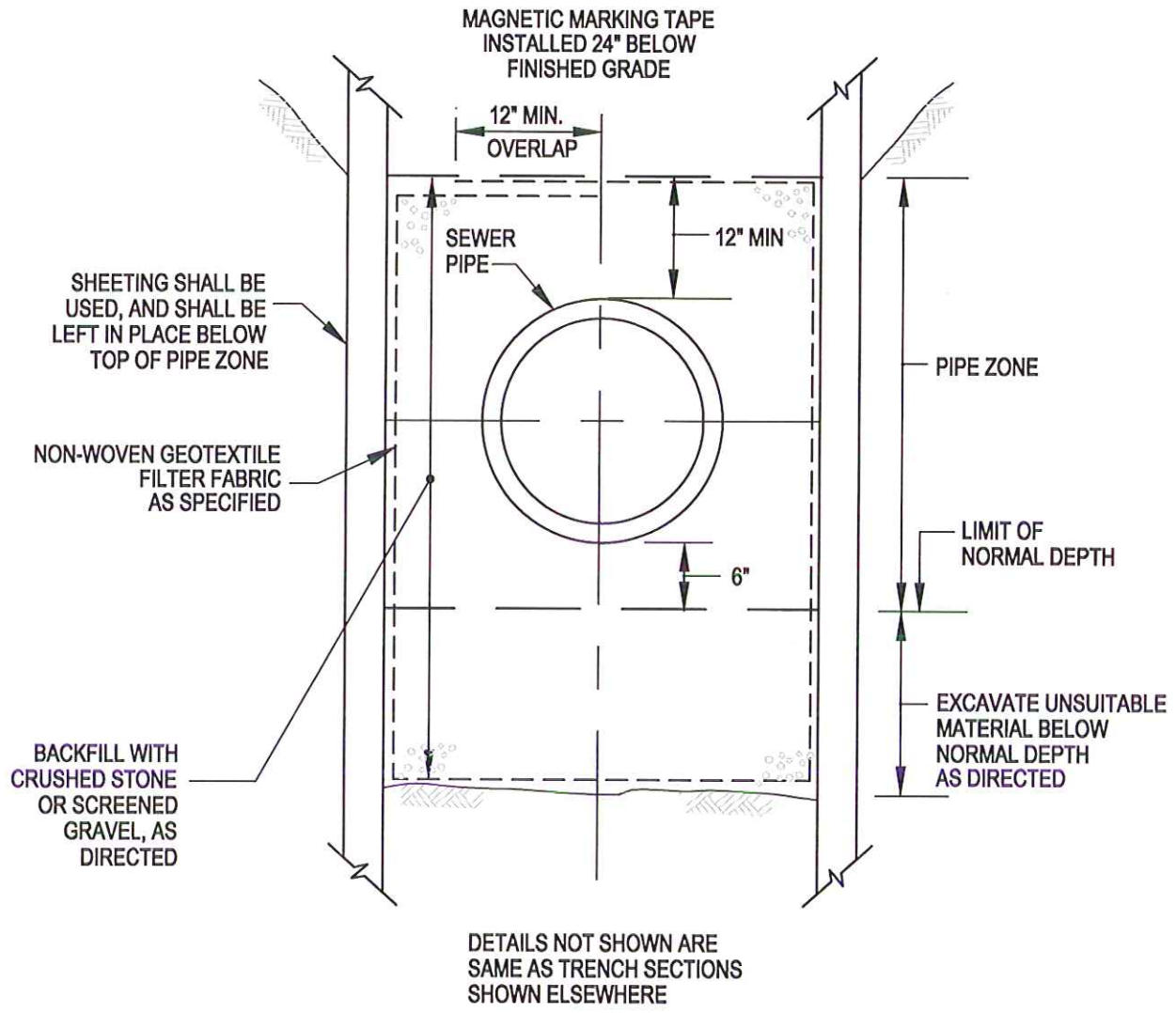
1. TRENCH BACKFILL TO BE USED WITHIN THE RIGHT-OF-WAY SHALL CONSIST OF EITHER GRAVEL BORROW MEETING MASSDOT SPECIFICATION M1.03.0, TYPE "B" OR PROCESSED GRAVEL BORROW FOR SUBBASE MEETING MASSDOT SPECIFICATION M1.03.1.
2. WHERE THE REMOVAL OF 100 SQUARE FEET OR LESS OF ASPHALT IS REQUIRED WITHIN THE RIGHT-OF-WAY, THEN THE TRENCH BACKFILL MATERIAL SHALL CONSIST OF CONTROLLED DENSITY FILL MEETING MASSDOT SPECIFICATION M4.08.0, TYPE "1E" OR "2E".
3. TRENCH BACKFILL MATERIAL TO BE USED OUTSIDE OF THE RIGHT-OF-WAY MAY CONSIST OF MATERIAL GENERATED DURING EXCAVATIONS PROVIDED ALL STONES GREATER THAN 4" ARE REMOVED PRIOR TO PLACEMENT AND COMPACTION.
4. GRANULAR TRENCH BACKFILL MATERIAL USED WITHIN THE RIGHT-OF-WAY SHALL BE PLACED IN MAXIMUM 6" LIFTS AND MECHANICALLY COMPACTIONED TO A MINIMUM OF 95% OF THE MATERIAL'S MAXIMUM DRY DENSITY AND TO 90% ELSEWHERE AS DETERMINED BY ASTM D 1557.
5. CONTRACTOR RESPONSIBLE FOR DESIGNING AND MAINTAINING PROPER TRENCH PROTECTION AND OBTAINING ALL REQUIRED PERMITS.

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**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**TRENCH SECTION FOR  
SEWER PIPE 18 INCH  
DIAMETER AND SMALLER**

DETAIL #: S.0.06  
DATE: MAY 2016  
SCALE: NONE



**NOTE:**

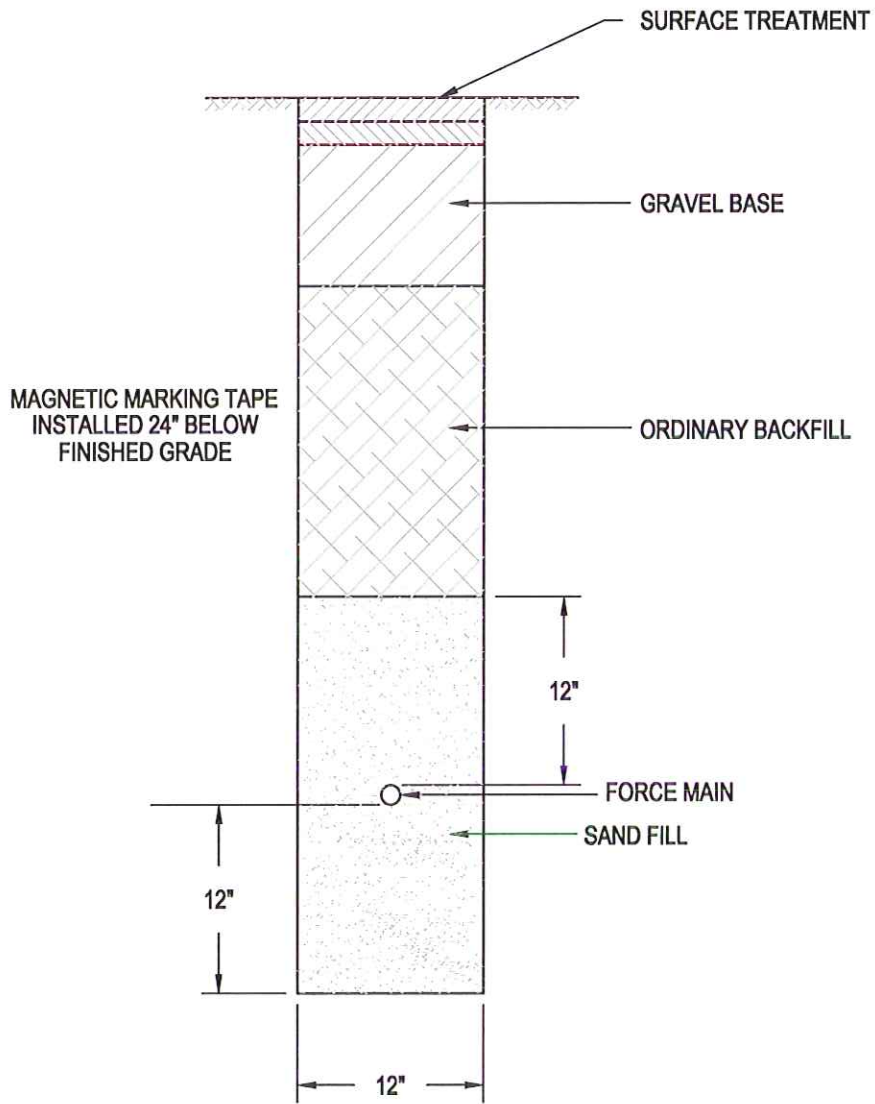
1. CONTRACTOR RESPONSIBLE FOR DESIGNING AND MAINTAINING PROPER TRENCH PROTECTION AND OBTAINING ALL REQUIRED PERMITS.



**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**TRENCH SECTION IN  
UNSUITABLE MATERIAL**

DETAIL #: S.0.07  
DATE: MAY 2016  
SCALE: NONE



**NOTE:**

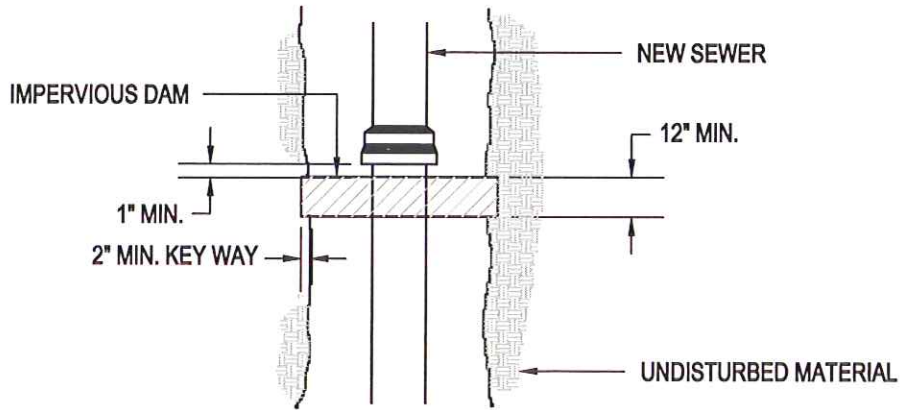
1. CONTRACTOR RESPONSIBLE FOR DESIGNING AND MAINTAINING PROPER TRENCH PROTECTION AND OBTAINING ALL REQUIRED PERMITS.



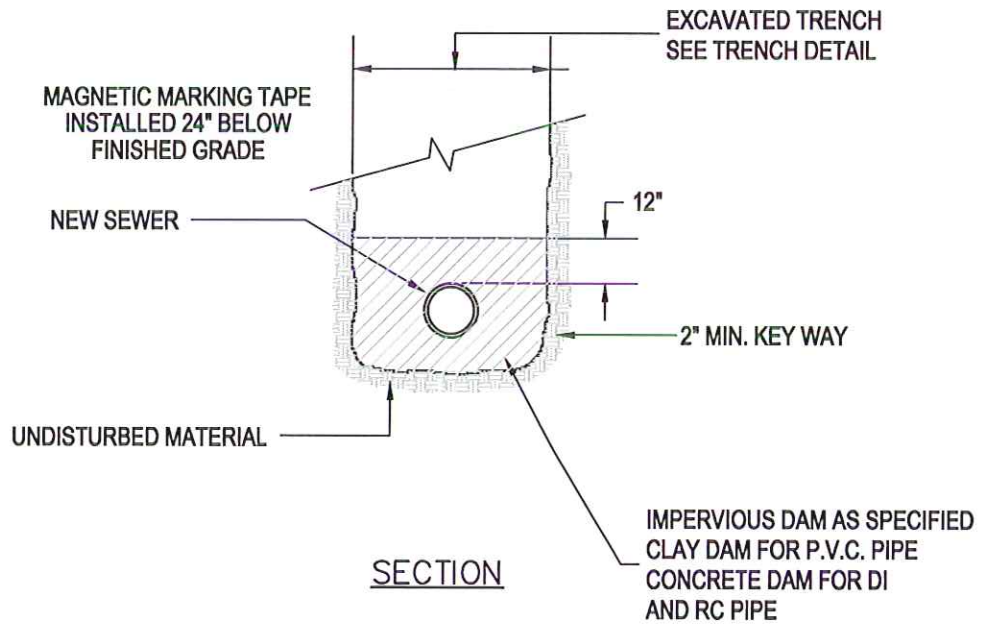
**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**FORCE MAIN TRENCH**

DETAIL #: S.0.08  
DATE: MAY 2016  
SCALE: NONE



PLAN



SECTION

NOTE:

1. CONTRACTOR RESPONSIBLE FOR DESIGNING AND MAINTAINING PROPER TRENCH PROTECTION AND OBTAINING ALL REQUIRED PERMITS.

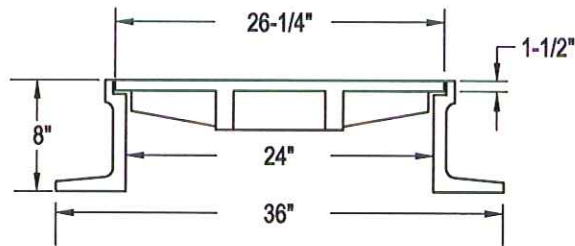
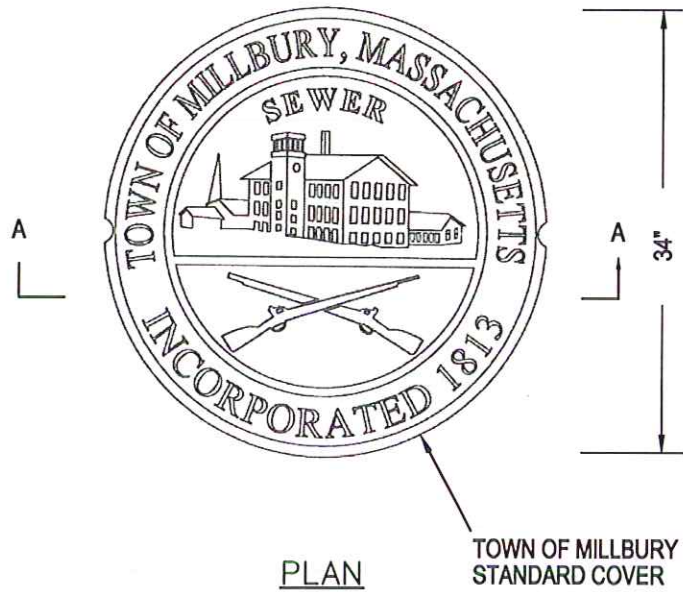


**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**PIPE TRENCH DAM**

DETAIL #: S.0.09  
DATE: MAY 2016  
SCALE: NONE

MINIMUM REQUIREMENTS



NOTE:

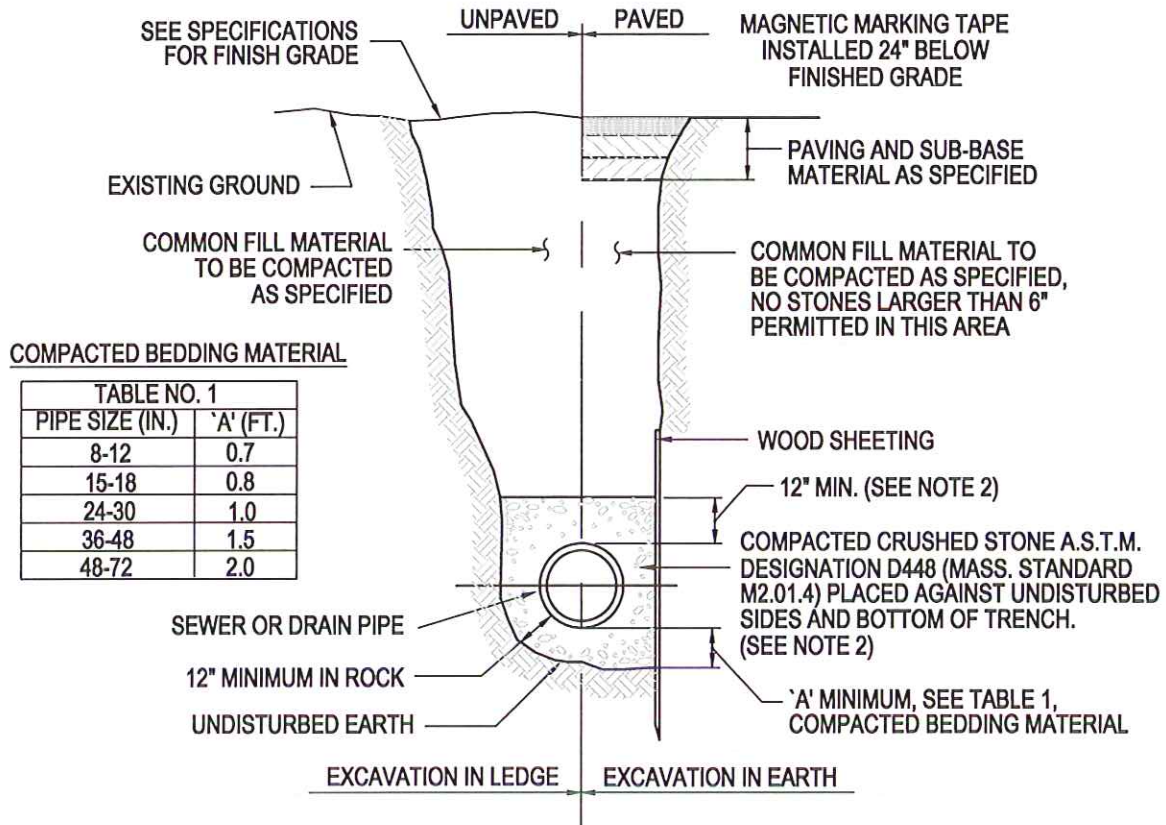
1. FRAME AND COVER SHALL BE TOWN OF MILLBURY STANDARD MARKED SEWER, MODEL EJ 2268A, OR APPROVED EQUAL.
2. SHALL BE GRAY IRON CL35B, HEAVY DUTY DESIGN LOAD, UNDIPPED COATING, ASTM A48, MADE IN USA, 2 PICK HOLES, OR APPROVED EQUAL.



**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**FRAME AND COVER**

DETAIL #: S.0.10  
DATE: MAY 2016  
SCALE: NONE



**NOTES:**

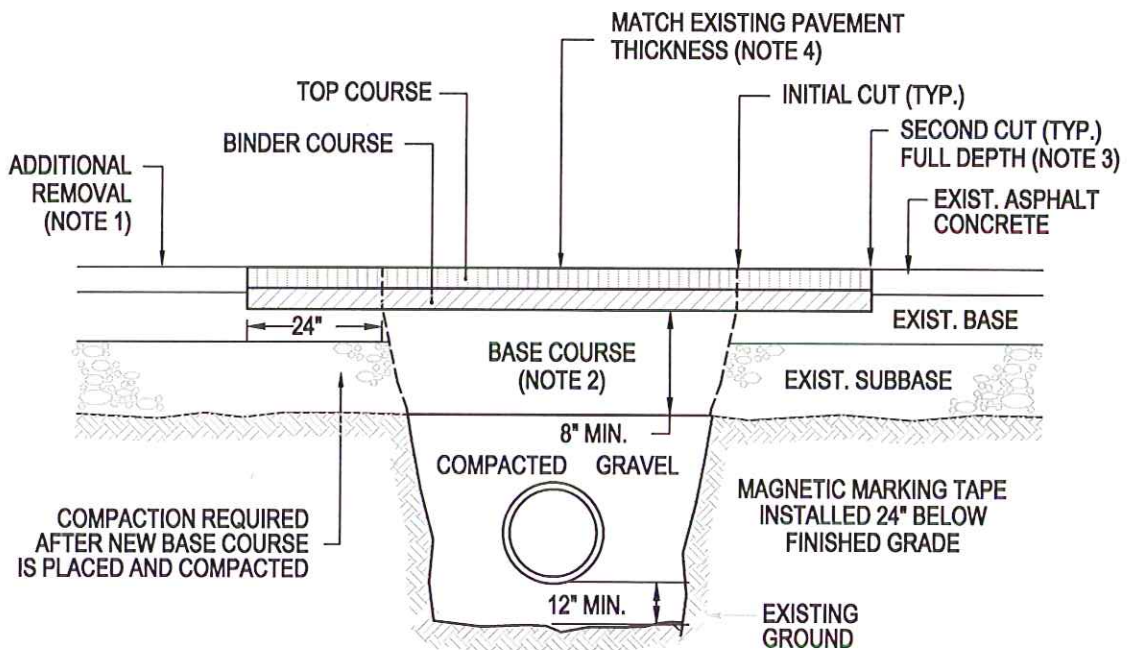
1. SHEETING, WHEN REQUIRED, TO BE CUT OFF AT LEAST 5 FEET BELOW STREET AND A MINIMUM OF 1 FOOT ABOVE TOP OF PIPE. WOOD SHEETING DRIVEN BELOW MID-DIAMETER OF THE PIPE SHALL BE LEFT IN PLACE. STEEL SHEETING DRIVEN BELOW MID-DIAMETER MAY BE WITHDRAWN IF APPROVED IN WRITING BY THE ENGINEER. FOR PVC PIPE ALL SHEETING DRIVEN BELOW MID-DIAMETER SHALL BE LEFT IN PLACE.
2. WHEN APPROVED BY THE ENGINEER FOR PIPES OTHER THAN PVC, SELECTED GRAVEL FILL MATERIAL MAY BE USED FROM MID-DIAMETER OF PIPE TO 12" ABOVE TOP OF PIPE. NO STONES LARGER THAN 2 INCHES IN ANY DIMENSION WILL BE PERMITTED IN THIS AREA - MASSDOT MATERIAL STANDARD M1.03.0 TYPE C.
3. TRENCHES LOCATED ON THE ROAD SHOULDER SHALL BE TREATED THE SAME AS OFF-ROAD EXCEPT FOR PAVING. (SEE TRENCH RESTORATION DETAILS 10.0.4).
4. PROVIDE AT LEAST ONE IMPERVIOUS DAM IN GRAVEL BEDDING BETWEEN EACH MANHOLE WHERE DIRECTED, OR EVERY 300 FEET, WHICHEVER IS LESS. SEE DETAIL 10.0.5.
5. BEDDING MATERIAL FOR PVC PIPE SHALL MEET THE REQUIREMENTS OF ASTM D2321 CLASS I OR CLASS II EMBEDMENT MATERIALS.
6. CONTRACTOR RESPONSIBLE FOR DESIGNING AND MAINTAINING PROPER TRENCH PROTECTION AND OBTAINING ALL REQUIRED PERMITS.

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**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**DRAINAGE TRENCH  
PVC, CPP OR RCP**

DETAIL #: D.0.01  
DATE: MAY 2016  
SCALE: NONE



**NOTES:**

1. ADDITIONAL PAVEMENT REMOVAL - REMOVE ADDITIONAL PAVEMENT TO A PAINTED LANE STRIPE, A LIP OF GUTTER, A CURB, AN EXISTING PAVEMENT PATCH, OR AN EDGE OF THE PAVEMENT IF SUCH STREET FEATURE IS WITHIN 2' OF THE SECOND SAW CUT.
2. NEW BASE COURSE - PROVIDE BASE COURSE MATERIAL IN LIFTS NOT EXCEEDING 8" AFTER COMPACTION. COMPACT TO A MODIFIED PROCTOR DENSITY OF 95% OR GREATER.
3. TACK COAT - PROVIDE FULL TACK COAT COVERAGE ON ALL VERTICAL SURFACES.
4. NEW HOT MIX ASPHALT PAVEMENT - INSTALL 2" TOP COURSE OVER 2" BINDER COURSE. COMPACT THE NEW PAVEMENT TO 96% OF LABORATORY DENSITY OR 94% OF MAXIMUM THEORETICAL DENSITY.
5. CONTRACTOR RESPONSIBLE FOR DESIGNING AND MAINTAINING PROPER TRENCH PROTECTION AND OBTAINING ALL REQUIRED PERMITS.

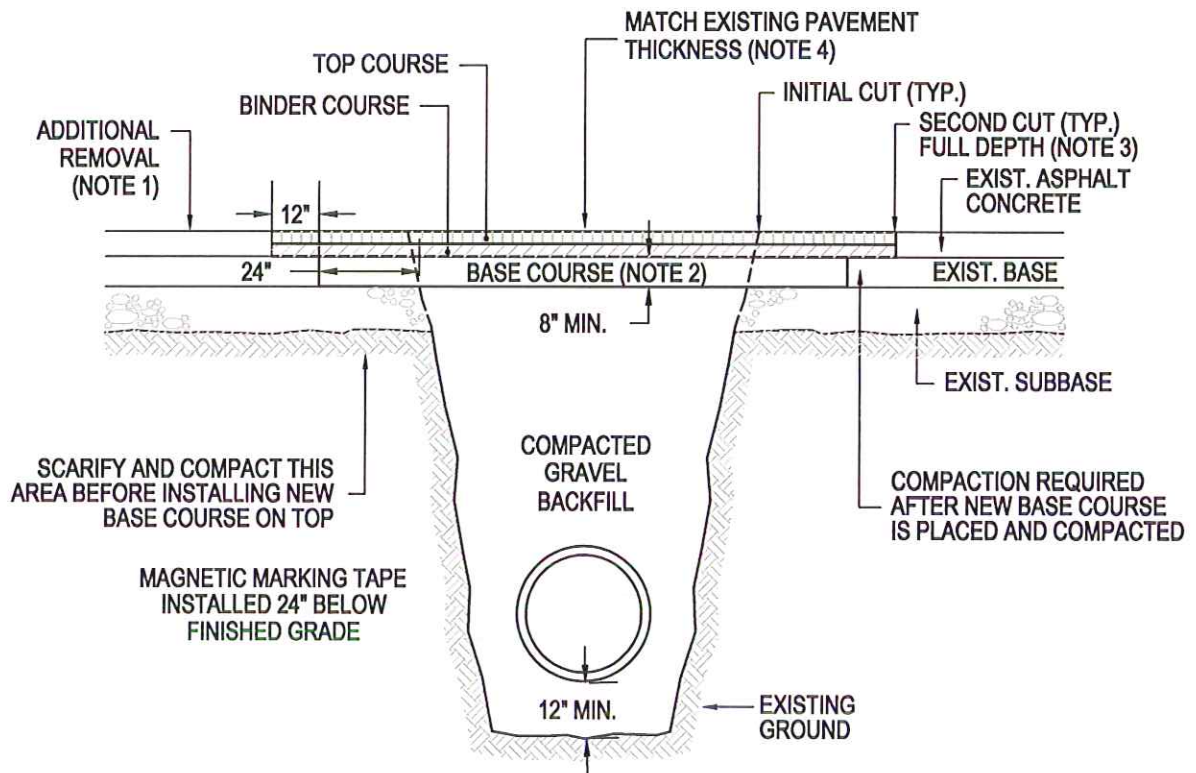
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**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**SHALLOW EXCAVATION  
IN ASPHALT PAVEMENT  
42 INCH DEPTH OR LESS**

DETAIL #: D.0.02  
DATE: MAY 2016  
SCALE: NONE





**NOTES:**

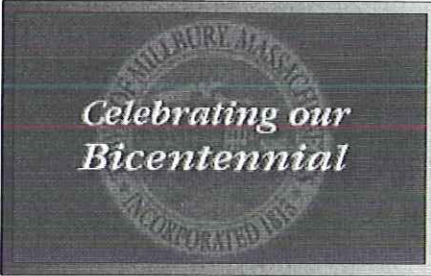
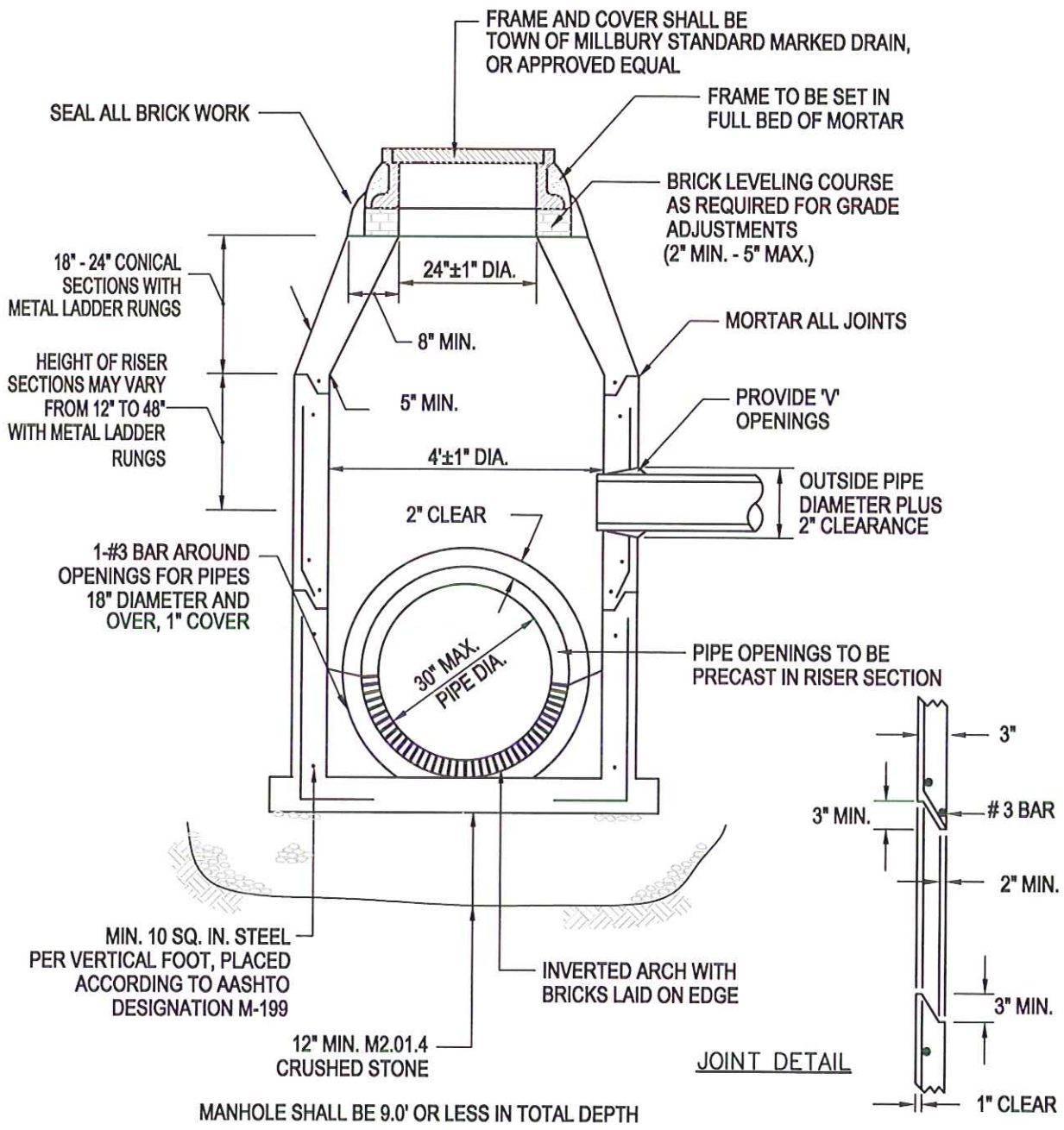
1. ADDITIONAL PAVEMENT REMOVAL - REMOVE ADDITIONAL PAVEMENT TO A PAINTED LANE STRIPE, A LIP OF GUTTER, A CURB, AN EXISTING PAVEMENT PATCH, OR AN EDGE OF THE PAVEMENT IF SUCH STREET FEATURE IS WITHIN 2' OF THE SECOND SAW CUT.
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3. TACK COAT - PROVIDE FULL TACK COAT COVERAGE ON ALL VERTICAL SURFACES.
4. NEW HOT MIX ASPHALT PAVEMENT - INSTALL 2" TOP COURSE OVER 2" BINDER COURSE. COMPACT THE NEW PAVEMENT TO 96% OF LABORATORY DENSITY OR 94% OF MAXIMUM THEORETICAL DENSITY.
5. CONTRACTOR RESPONSIBLE FOR DESIGNING AND MAINTAINING PROPER TRENCH PROTECTION AND OBTAINING ALL REQUIRED PERMITS.

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**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**DEEP EXCAVATION IN ASPHALT  
PAVEMENT GREATER THAN  
42 INCH DEPTH**

DETAIL #: D.0.03  
DATE: MAY 2016  
SCALE: NONE



**MILLBURY  
DEPARTMENT OF  
PUBLIC WORKS  
STANDARD DETAILS**

**PRECAST CONCRETE  
DRAIN MANHOLE**

DETAIL #: D.0.04  
DATE: MAY 2016  
SCALE: NONE

STREET	
NUMBER	STREET

- 3 Autumn Gate Cir
- 4 Autumn Gate Cir
- 5 Autumn Gate Cir
- 6 Autumn Gate Cir
- 7 Autumn Gate Cir
- 8 Autumn Gate Cir
- 9 Autumn Gate Cir
- 10 Autumn Gate Cir
- 11 Autumn Gate Cir
- 12 Autumn Gate Cir
- 13 Autumn Gate Cir
- 14 Autumn Gate Cir
- 15 Autumn Gate Cir
- 8 Diana Hill Dr
- 11 Diana Hill Dr
- 1537 Grafton Rd
- 1 Hayward Glen Dr
- 18 Hayward Ln
- 5 Irene Court
- 6 Irene Court
- 7 Irene Court
- 8 Irene Court
- 9 Irene Court
- 10 Irene Court
- 11 Irene Court
- 12 Irene Court
- 13 Irene Court
- 20 Irene Court
- 24 Irene Court
- 16 Maplewood Rd
- 1 Momin Dr
- 1 Nightview Pl
- 2 Nightview Pl
- 3 Nightview Pl
- 4 Nightview Pl
- 5 Nightview Pl
- 6 Nightview Pl
- 7 Nightview Pl
- 8 Nightview Pl
- 9 Nightview Pl
- 10 Nightview Pl
- 11 Nightview Pl
- 12 Nightview Pl
- 14 Nightview Pl

54 @ \$5,000 = \$

16 Nightview Pl  
18 Overlook Ave  
25 Rogers St  
12 Shore Terrace  
1 Skyview Drive  
2 Skyview Drive  
3 Skyview Drive  
4 Skyview Drive  
5 Skyview Drive  
22 West St