

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 1.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

### LETTER OF CREDIT/SURETY - ESTABLISHED

Project Name: \_\_\_\_\_

Planning Board File Number: PB # \_\_\_\_\_

Town Board Resolution Number \_\_\_ of \_\_\_ dated \_\_\_\_\_

Letter of Credit/Surety Number: \_\_\_\_\_

Effective Date of Letter of Credit/Surety: \_\_\_\_\_

Expiration Date of Letter of Credit/Surety: \_\_\_\_\_

Financial Institution Name, Address and Contract Information:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Items Covered by this Letter of Credit/Surety:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/ Town Engineer (Date) \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/ Town Director of Planning and Development (Date) \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/ Town Clerk (Date)

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 1.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

## LETTER OF CREDIT/SURETY - Partial or Final Release

**Project Name:** \_\_\_\_\_

**Planning Board File Number: PB #** \_\_\_\_\_

The Town Officials listed below have completed their review of this request for a (Partial) or (Final) release of funds from the Letter of Credit/Surety on file. This request is identified as Release Number \_\_\_\_ for the \_\_\_\_\_ Project. The Town Officials review of this request includes a review of the Developer's Engineer Estimates of the value of the work completed and a finding by those signing below that this work has been satisfactorily completed in accordance with approved plans. Based upon these signatures, the Town Construction Inspector and the Town Engineer have prepared a cover letter transmitting this request to the Town Director of Planning and Development asking that this matter be placed on both the Planning Board and Town Board Meeting Agendas identified herein.

This Release is scheduled to be acted upon at the \_\_\_\_\_ Planning Board Meeting and the \_\_\_\_\_ Town Board Meeting.

The total amount of this (Partial) or (Final) Release of funds is \$ \_\_\_\_\_.

Copies of the Planning Board and Town Board Resolutions are to be provided to: \_\_\_\_\_

\_\_\_\_\_;  
and to the Town Officials listed below.

I, the undersigned, have reviewed this request for the release of funds being held in the Letter of Credit/Surety identified above; and accept the site improvements and the Engineer's Estimate of Value finding them to be in accordance with approved plans on file in the Town Development Office.

1. \_\_\_\_\_  
Town Water and Sewer Superintendent Date
2. \_\_\_\_\_  
Town Highway and Parks Superintendent Date
3. \_\_\_\_\_  
Town Code Enforcement Officer Date
4. \_\_\_\_\_  
Town Construction Inspector Date

Note: This Form is to be accompanied by Appendix Form G-2.0, Letter of Credit/Surety Release Form Details.

**LETTER OF CREDIT/SURETY RELEASE FORM**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 2.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

## LETTER OF CREDIT RELEASE

PROJECT NAME \_\_\_\_\_

ESTIMATE NO. \_\_\_\_\_

PROJECT NO. \_\_\_\_\_

DATE \_\_\_\_\_

### FIGURE AMOUNTS THIS RELEASE

1) Construction this statement

\$ \_\_\_\_\_

2) Less Retainage

\$ \_\_\_\_\_

A. Construction Value To Be Released \$ \_\_\_\_\_

B. Engineering Costs \$ \_\_\_\_\_

C. Construction Observation Costs \$ \_\_\_\_\_

D. Other Costs \$ \_\_\_\_\_

E. 10% Contingency (Release) \$ \_\_\_\_\_

F. Other Costs \$ \_\_\_\_\_

Total Amount to be Released this Release \$ \_\_\_\_\_

### LETTER OF CREDIT INFORMATION

1) Original Amount

\$ \_\_\_\_\_

2) Authorized For Release Per Estimate Nos.

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

Subtotal \$ \_\_\_\_\_

\* Balance Remaining In Letter Of Credit Through This Statement

\$ \_\_\_\_\_

\* The balance amount shall be sufficient to insure satisfactory completion of the remainder of the development.

\_\_\_\_\_  
Project Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Owner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Municipal Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Fiscal Officer

\_\_\_\_\_  
Date

LETTER OF CREDIT EXPIRES \_\_\_\_\_

## LETTER OF CREDIT - RELEASE FORM

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 3.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

## DEDICATION CHECKLIST

RE: \_\_\_\_\_ PB# \_\_\_\_\_ - \_\_\_\_\_  
(PROJECT NAME)

Prior to the Town Board formally accepting dedication of the approved site improvements listed on the Town Forms identified below, the Code Enforcement Officer is to verify that the following items have been completed and documents attesting to this have been filed in the Town Clerk's Office (where applicable).

- Final Inspection Form Appendix G – 11.0 completed by Town Construction Inspector and Town Staff, and has been provided, and is signed and dated, and identifies all site improvements to be dedicated at this time: Date on Form \_\_\_\_\_.
- Site Improvements Dedication Forms Appendix G – 3.1 and G – 3.2 filled out, signed by Town staff, and with a recommendation to accept dedication: Date on Form \_\_\_\_\_.
- Record Drawings and GIS Information, identifying those site items being dedicated as are listed on the above referenced forms, has been provided to, reviewed by, and deemed complete by Town Engineer and Town Staff per letter/email dated \_\_\_\_\_.
- Town Engineer Letter of Recommendation to accept a Maintenance Bond or other form of approved surety per letter dated \_\_\_\_\_.
- Confirmation that all easement maps and legal descriptions, land transfer documents, and R.O.W. documents have been received and reviewed by Town Staff, and filed with the Town Clerk and County Clerk by Town Attorney: Date filed in Town Clerk's Office \_\_\_\_\_.
- MS4 Stormwater Facility Maintenance Agreement provided to, and reviewed and approved by Town Attorney, and provided to Town Clerk: Date filed in Town Clerk's Office \_\_\_\_\_.
  - Stormwater Maintenance Agreement not applicable
- Town Attorney's Resolutions to Accept Dedication of the General Site Improvements received by Town Clerk on \_\_\_\_\_.
- Two Year Maintenance Bond has been filed in the Town Clerk's Office for all approved site improvements per letter referenced above: Date filed in Town Clerk's Office \_\_\_\_\_.

By signing this form, I the Code Enforcement Officer of the Town of Farmington attest to all of the above referenced documents having been provided, and that Acceptance of the identified General Site improvements for Dedication that have been approved by Town Officials for the above referenced project are ready to be acted upon by the Town Board; and that I further request the above referenced draft resolution is to be added to the next Town Board Meeting Agenda.

\_\_\_\_\_  
Code Enforcement Officer's Official Signature

\_\_\_\_\_  
Date

# TOWN OF FARMINGTON

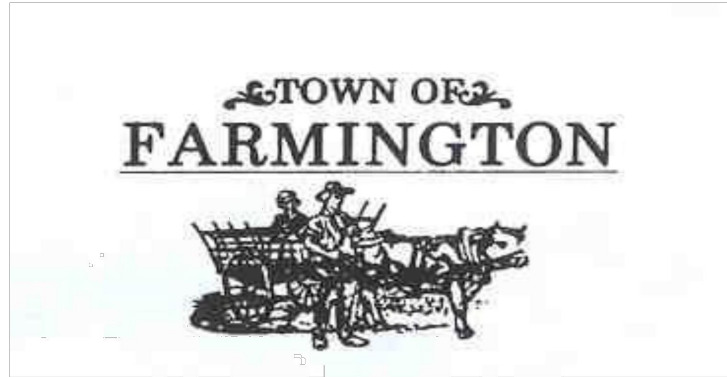
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 3.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*



## DEDICATION FORM

DATE: \_\_\_\_\_ PB# \_\_\_\_\_ - \_\_\_\_\_

RE: \_\_\_\_\_  
(PROJECT NAME)

The above referenced project involves one or more components for dedication to the Town of Farmington that are listed below.

- Public Street(s) identified as \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Public Water Line(s) and/or fire hydrants
- Public Sewer Line(s) and/or pump stations
- Storm Sewers
- Sidewalks (include location) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Street Lights
- Drainage Facilities
- Street Signs
- Landscaping
- Parkland (include acreage) \_\_\_\_\_
- Other (specify) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DEDICATION FORM**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 3.2**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

## DEDICATION FORM

(Continued)

In accordance with the provisions of §144-33. A. of the Town Code, as amended, the officials listed below, as may be appropriate, have completed an inspection of the above referenced project and recommend the Town Board take Action to accept for dedication the above described components.

PB# \_\_\_\_\_ - \_\_\_\_\_

- |  |               |
|--|---------------|
| <input type="checkbox"/> _____<br>Highway Superintendent       | _____<br>Date |
| <input type="checkbox"/> _____<br>Water & Sewer Superintendent | _____<br>Date |
| <input type="checkbox"/> _____<br>Code Enforcement Officer     | _____<br>Date |
| <input type="checkbox"/> _____<br>Construction Inspector       | _____<br>Date |
| <input type="checkbox"/> _____<br>Planning Board Chairman      | _____<br>Date |
| <input type="checkbox"/> _____<br>Town Engineer                | _____<br>Date |

This recommendation is based upon our understanding that the Attorney for the Town has reviewed and provided to the Town Board the following:

- All R.O.W. descriptions, easement(s) and deed(s), bills of sale and maps.

Upon the establishment of a maintenance guarantee, to be reviewed and approved by the Attorney for the Town and by the Town Engineer, and the acceptance of dedication of the listed component(s) by the Town Board, the Applicant is to provide record drawings for acceptance and filing in accordance with the provisions of § 144-33. B. of the Farmington Town Code.

Finally, in accordance with the provisions of §144-33. D. of the Town Code, as amended, the Town Board upon separate recommendation submitted from the Town Engineer, Town Water and Sewer Superintendent and Town Highway and Parks Superintendent shall be notified to release monies retained as a maintenance guarantee for this project.

**DEDICATION FORM (CONTINUED)**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 4.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

## FINAL INSPECTION FORM FOR EXPIRING SURETY

Date of Form: \_\_\_\_\_

Date Surety Expires: \_\_\_\_\_

PB# \_\_\_\_\_ - \_\_\_\_\_

Surety Number: \_\_\_\_\_

RE: \_\_\_\_\_

(PROJECT NAME)

In accordance with the provisions of §144-33. D. of the Town Code, as amended, a final inspection of the above referenced project has been completed for the dedicated site improvements covered by the above cited Surety that are listed below.

- Public Street(s) identified as \_\_\_\_\_
- Public Watermain(s) and appurtenances
- Public Sanitary Sewer Lines(s) and/or pump stations
- Storm Sewers  Drainage Facilities
- Sidewalks (include location) \_\_\_\_\_
- Street Lights (include location) \_\_\_\_\_
- Street Signs (include location) \_\_\_\_\_
- Other (specify) \_\_\_\_\_

In accordance with the provisions of §144-33. D. of the Town Code, as amended, the Town Officials listed below, as may be appropriate, attest to their having completed this final inspection of the above referenced project and agree to the recommended action identified on page 1 of this Form: *(The box is checked for those officials who have performed the final inspection)*

- \_\_\_\_\_  
Highway Superintendent \_\_\_\_\_  
Date
- \_\_\_\_\_  
Water & Sewer Superintendent \_\_\_\_\_  
Date
- \_\_\_\_\_  
Town Engineer \_\_\_\_\_  
Date

- No deficiencies were found during this final inspection and it is recommended that the Town Board allows the Surety to expire.
- Deficiencies were found during the final inspection *(describe in detail on a separate cover and attached to this form)* and it is recommended that the Town Board direct these deficiencies to be corrected within the next thirty (30) days or require that there be a one year extension to the Surety.
- Without Attachment
- With Attachment

**Note:** § 144-33.D. of the Town Code does not identify the Town Construction Inspector or the Town Code Enforcement Officer having authorization to recommend the release of monies retained as a Maintenance Surety.

# TOWN OF FARMINGTON

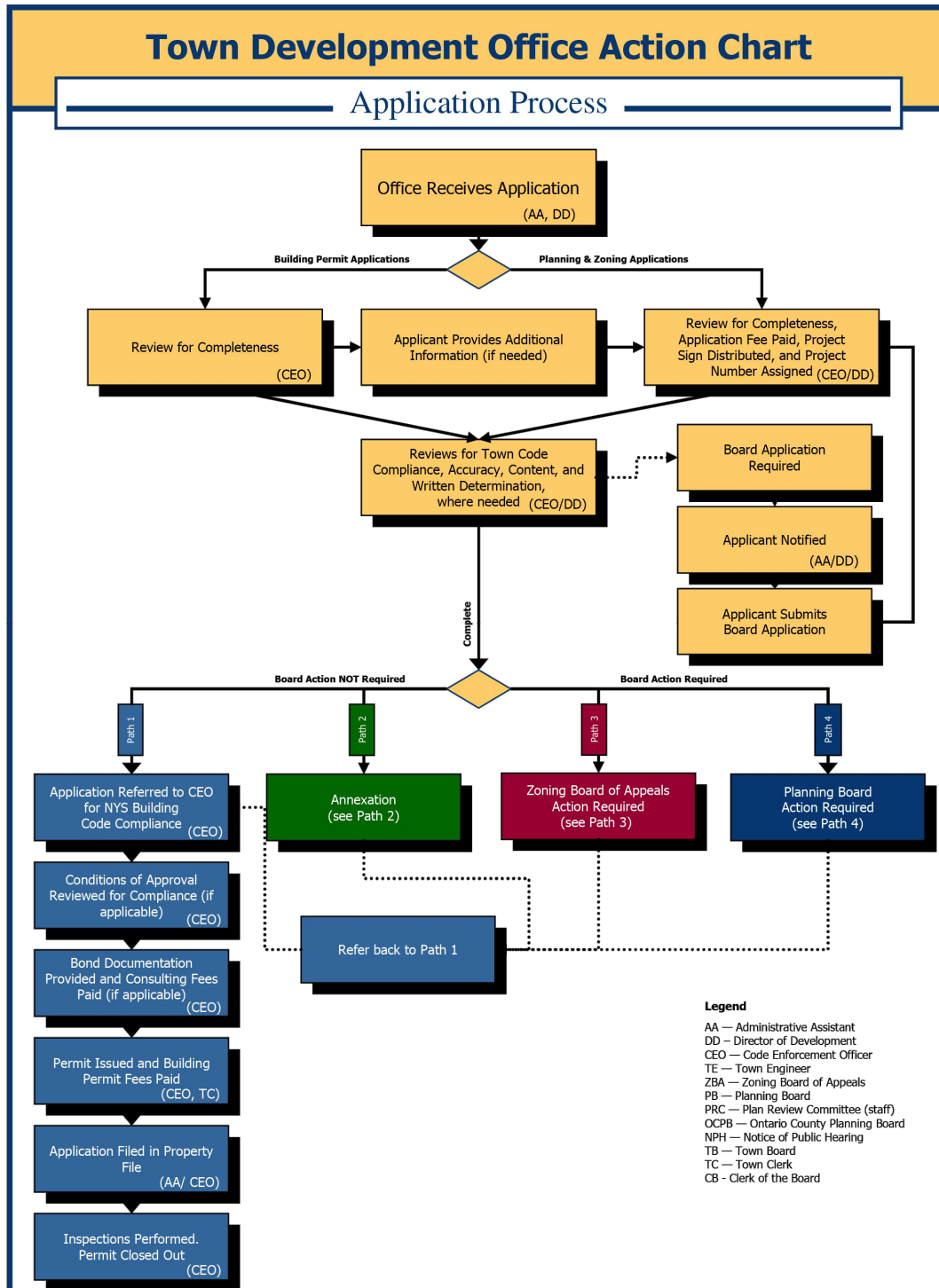
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 5.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## TOWN DEVELOPMENT OFFICE ACTION CHART



# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 5.1**

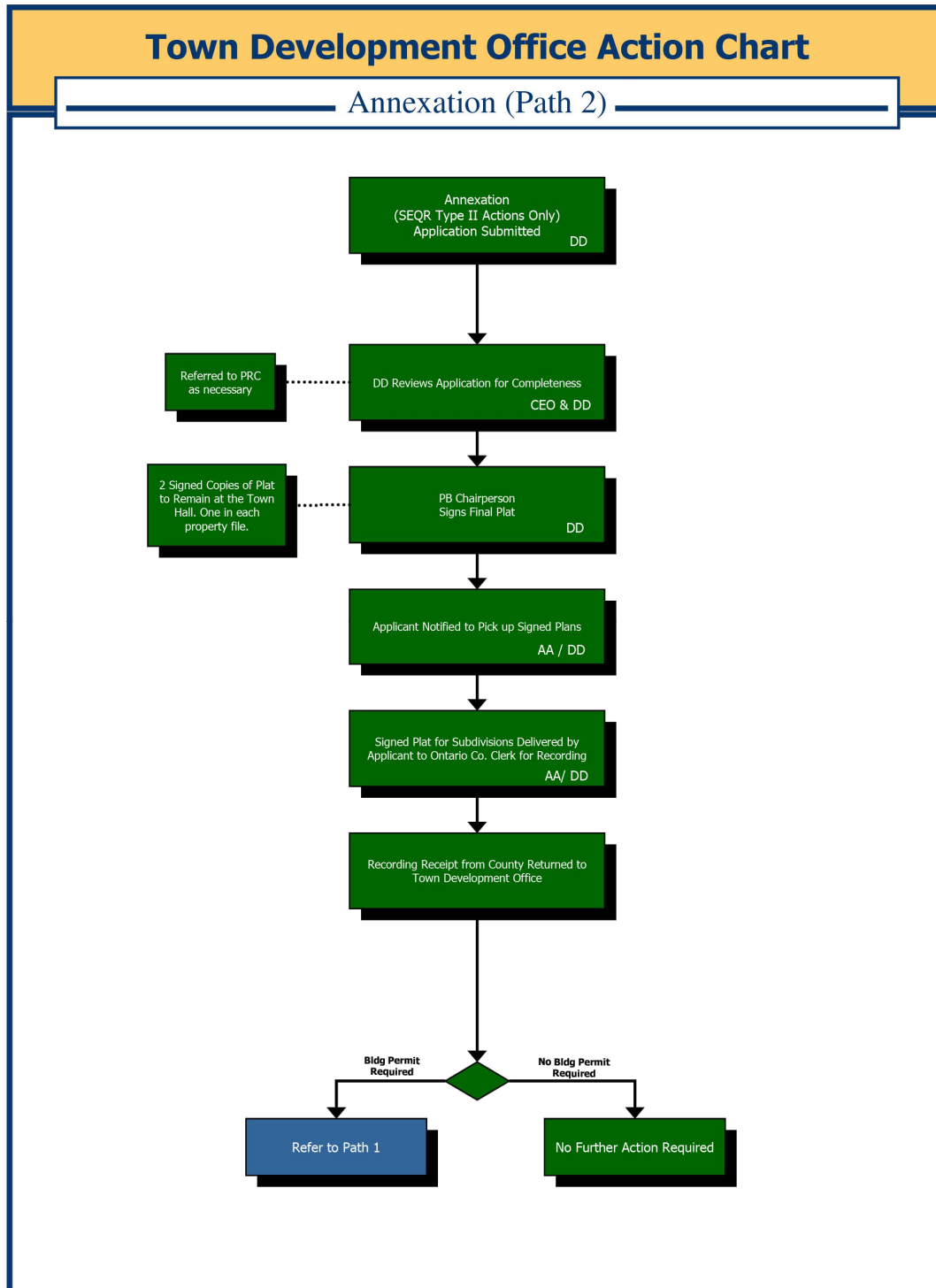
DATE: 2024

SCALE: N.T.S.

**MRB** | group

## Town Development Office Action Chart

### Annexation (Path 2)



TOWN DEVELOPMENT OFFICE ACTION CHART  
(CONTINUED)

# TOWN OF FARMINGTON

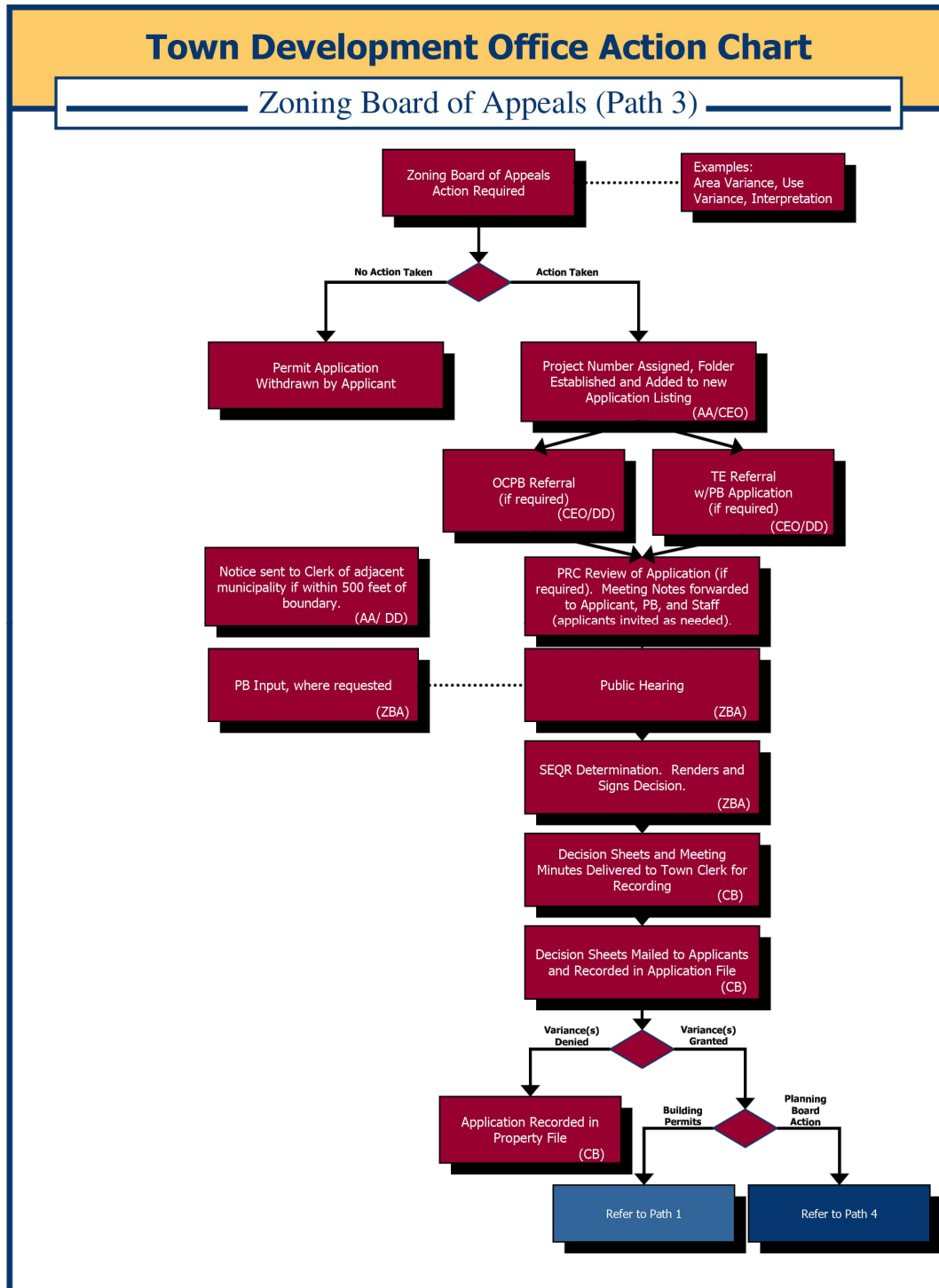
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 5.2**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



# TOWN OF FARMINGTON

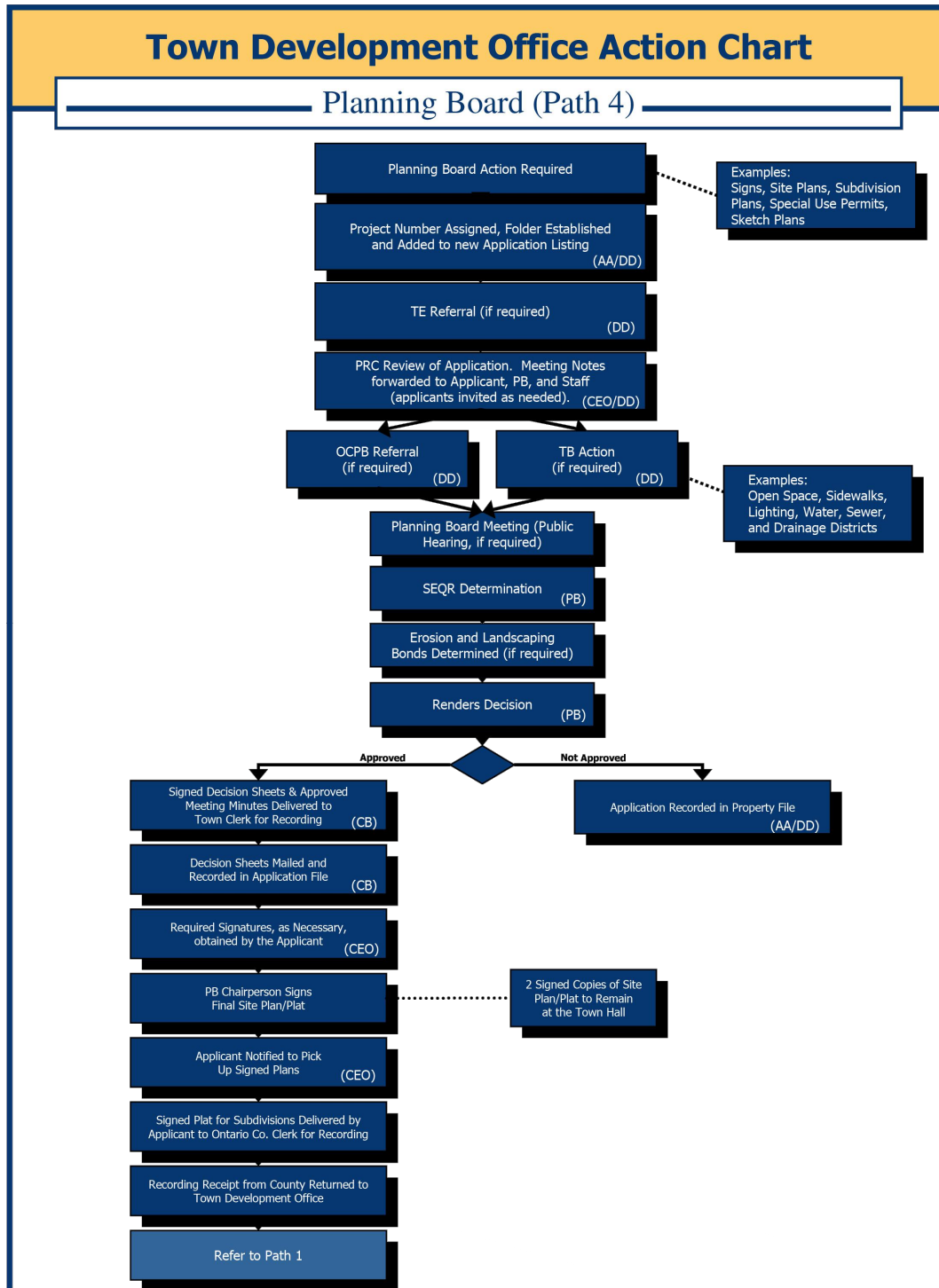
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 5.3**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



# TOWN OF FARMINGTON

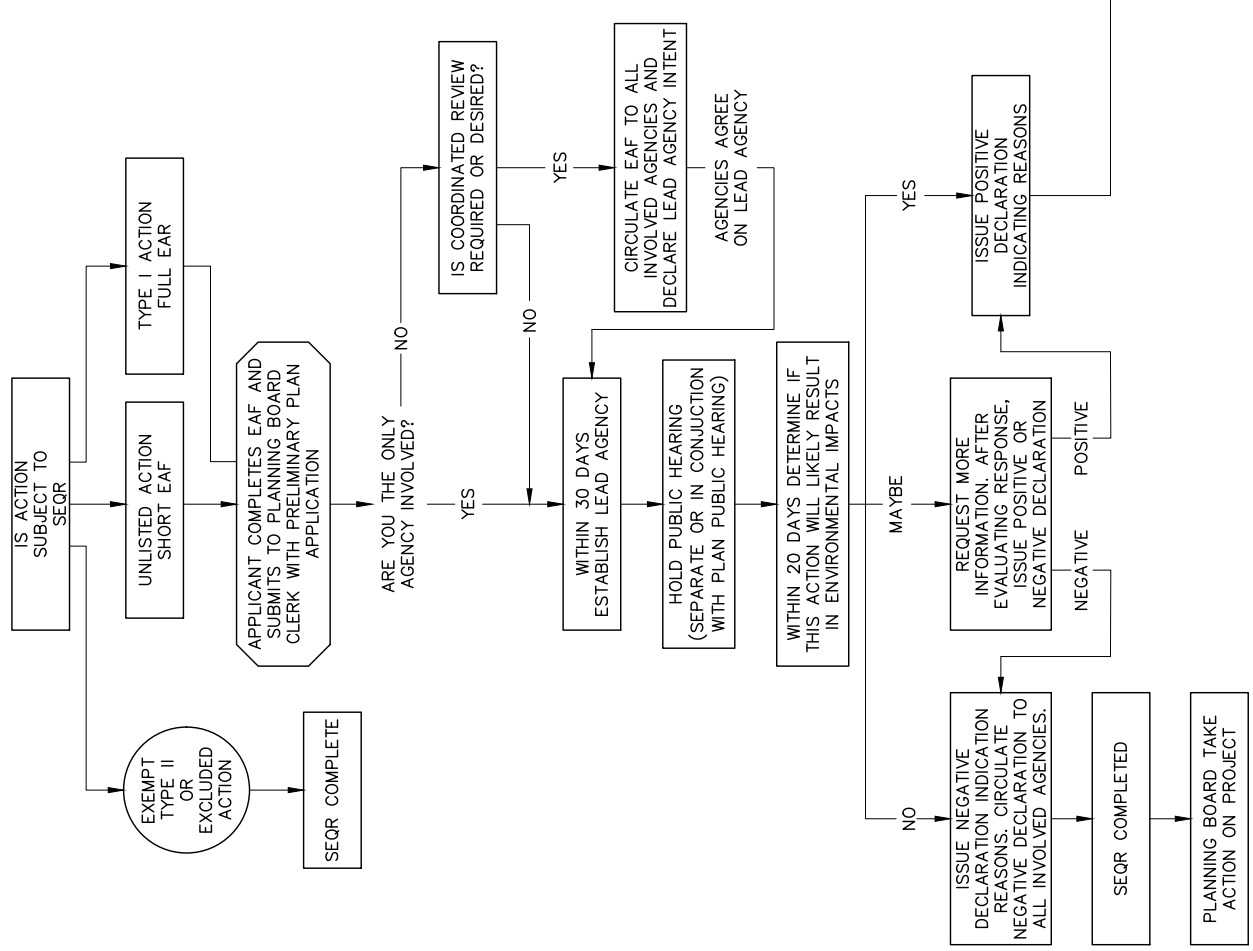
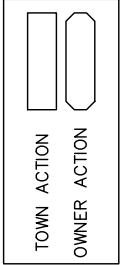
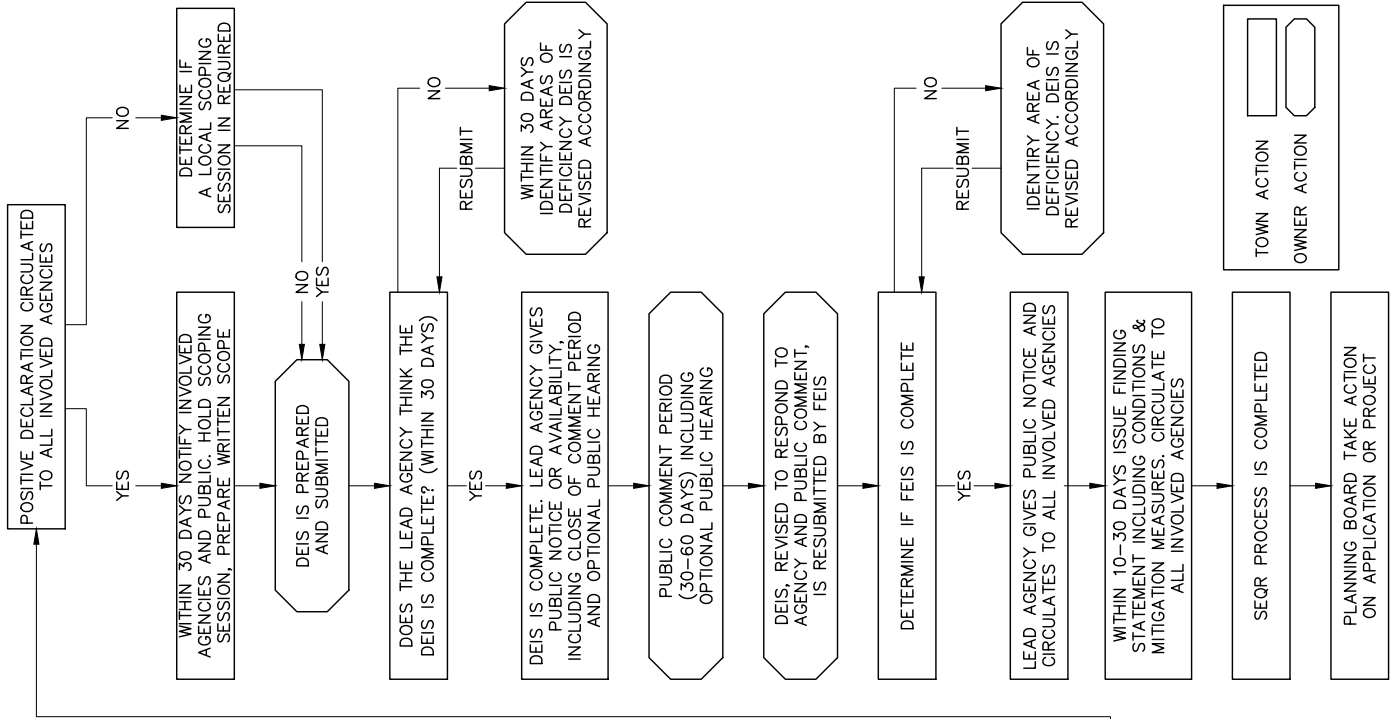
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 6.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## SEQR BASIC FLOW CHART

# TOWN OF FARMINGTON

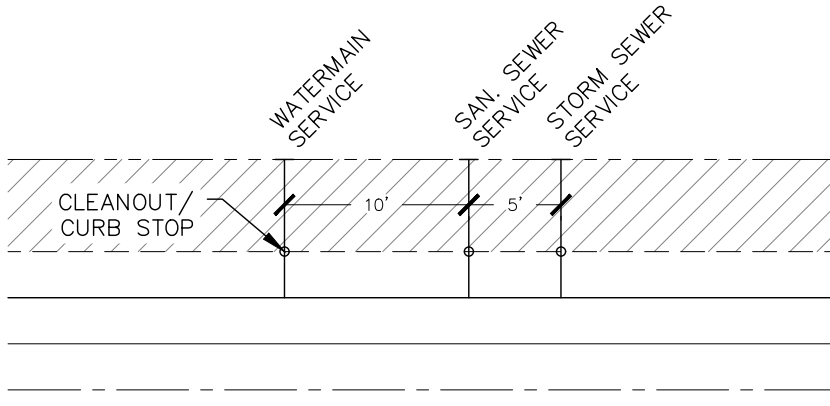
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 7.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



UTILITIES EASEMENT  
(GAS, ELEC, ETC.)

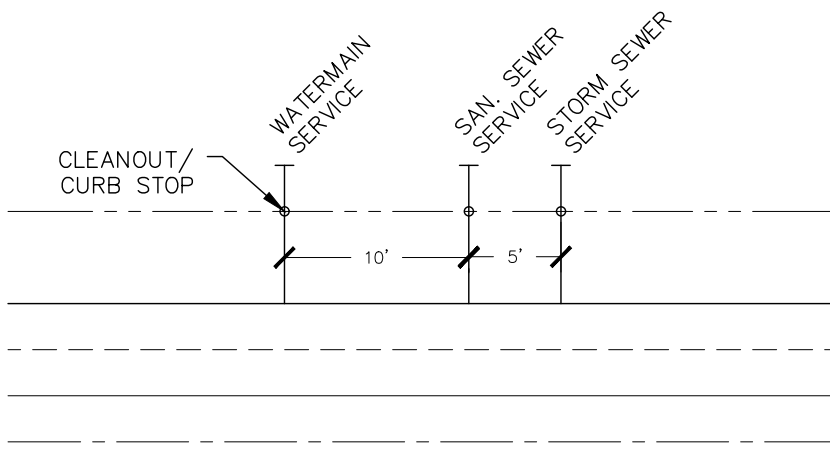
R.O.W.

UTILITY (WATER/SEWER/STORM)

EDGE OF ROAD

CL ROAD

INSIDE R.O.W.



WATER/SEWER/STORM EASEMENT

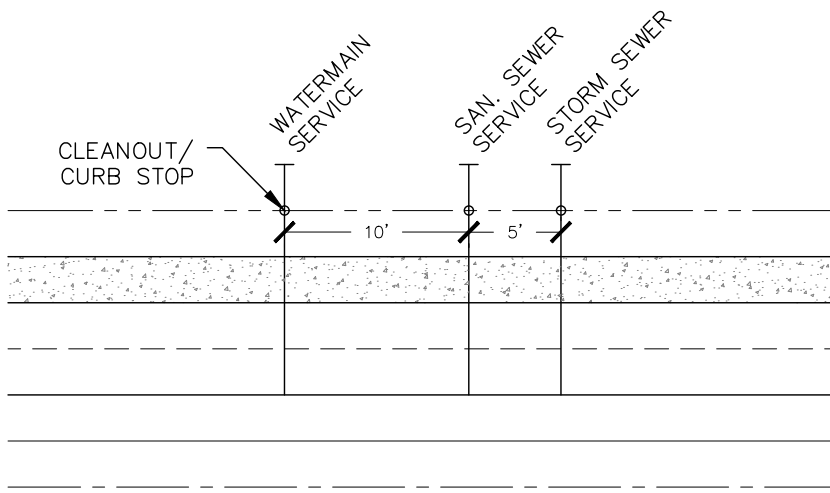
WATER/SEWER/STORM

R.O.W.

EDGE OF ROAD

CL ROAD

OUTSIDE R.O.W.



SIDEWALK EASEMENT (VARIES)

SIDEWALK

R.O.W.

WATER/SEWER/STORM

EDGE OF ROAD

CL ROAD

SIDEWALK

## TYPICAL SERVICE DETAIL

TOWN OF  
**FARMINGTON**

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 8.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

**!! CALL !!**

**BEFORE YOU  
DIG, DRILL OR BLAST**

---

**1-800-962-7962 or 811**

---

IN ACCORDANCE WITH DSNY (DIG SAFE NEW YORK),  
CONTRACTORS MUST NOTIFY ALL UTILITIES IN THE AREA  
TWO (2) WORKING DAYS BEFORE EXCAVATION.

THIS WILL NOTIFY:

- WAYNE COUNTY WATER AUTHORITY
- GLOBAL CROSSING / FRONTIER
- ALLTELL - MANCHESTER-SHORTSVILLE TELEPHONE
- TELERGY FIBEROPTIC
- MCI
- AMERICAN TELEPHONE AND TELEGRAPH
- BUCKEYE PIPELINE COMPANY
- ROCHESTER GAS AND ELECTRIC CORPORATION
- NIAGRA MOHAWK (NIMO) ELECTRIC
- MOBILE OIL
- TENECO
- NEW YORK TELEPHONE
- NEW YORK STATE ELECTRIC AND GAS
- EMPIRE STATE PIPELINE
- TENNESSEE PIPELINE COMPANY
- CANANDAIGUA-FARMINGTON WATER AND SEWER DEPARTMENT

IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE MUNICIPAL  
SEWER AND WATER DEPARTMENTS WITHIN THE PROJECT AREA.

**UTILITY NOTIFICATIONS**

# TOWN OF FARMINGTON

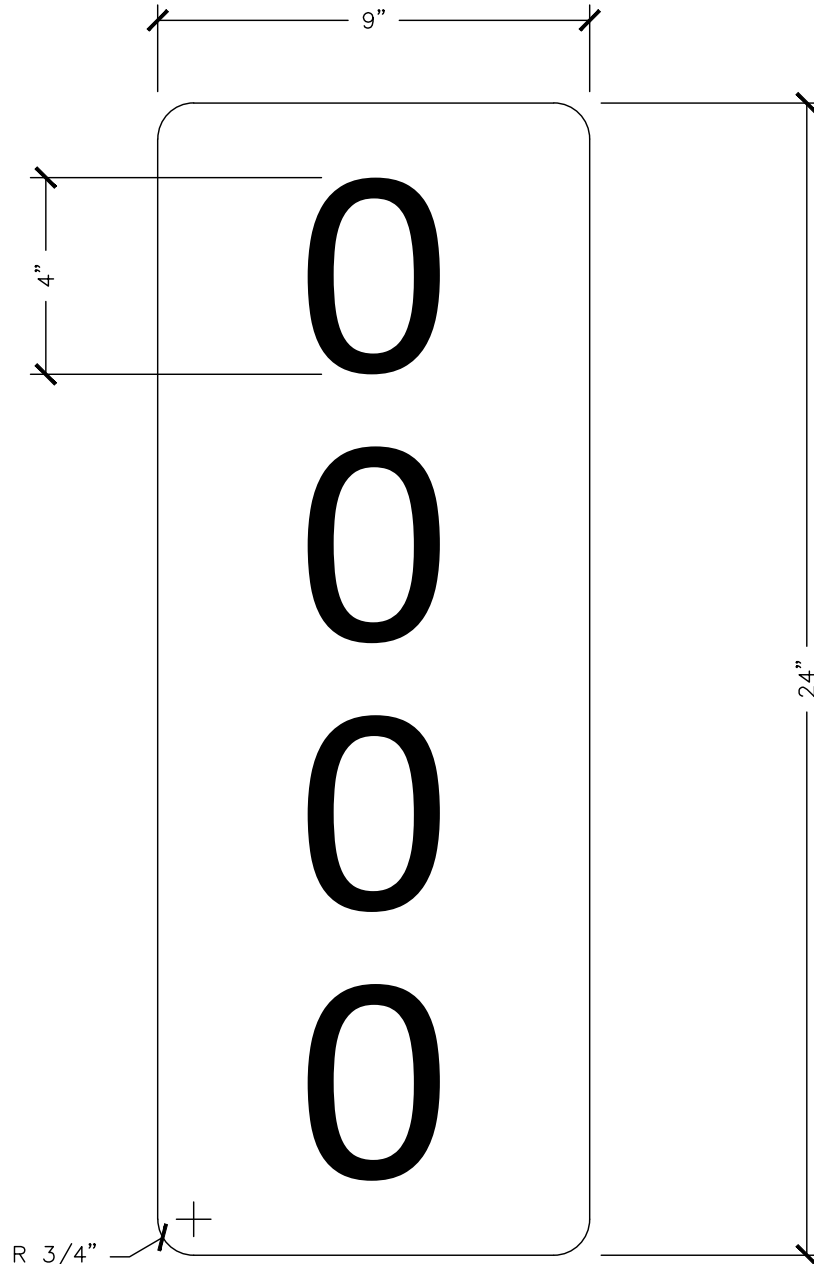
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 9.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*



## NOTES:

1. ALL SIGNS TO BE DOUBLE SIDED AND SHALL DISPLAY THE STREET NUMBER OF THE SITE/BUILDING ADDRESS.
2. SIGNS SHALL BE ALUMINUM WITH 3M DIAMOND GRADE REFLECTIVE SHEETING.
3. SIGNS SHALL HAVE A GREEN BACKGROUND WITH WHITE TEXT.
4. MINIMUM TEXT STROKE WIDTH SHALL BE 1/2"
5. SIGN SHALL BE PLACED WITHIN 10' OF THE ROADWAY, SHALL BE VISIBLE FROM EACH DIRECTION OF TRAVEL, AND THE BOTTOM OF THE SIGN SHALL BE NO LESS THAN 5' ABOVE GRADE.

**PUBLIC SAFETY SIGN DETAIL**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 10.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

## PRE-CONSTRUCTION CHECKLIST FORM

RE: \_\_\_\_\_ PB# \_\_\_\_\_ - \_\_\_\_\_  
(PROJECT NAME)

Prior to the Town Development Office / CEO scheduling a Pre-Construction Meeting for this application, the Applicant is required to ensure all items below have been completed and filed with the Town Development Office and Town Clerk.

- Final Subdivision / Site Plans approved and signed, copies and PDF of signed Plans and SWPPP provided to the Town and Town Engineer: date signed \_\_\_\_\_
- Final SWPPP approved and MS4 acceptance form signed by Town MS4 Official: date signed \_\_\_\_\_
- NOI and MS4 SWPPP Acceptance Form submitted to NYSDEC. NYSDEC acknowledgement letter provided to Town Development Office: date \_\_\_\_\_
- Town of Farmington 5-Acre Waiver requested and form completed. Submitted to Town Development Office / CEO and approved. date \_\_\_\_\_
- Town of Farmington Stormwater Maintenance Agreement completed and forwarded to Town Development Office / CEO, Town Construction Inspector, and Town Engineer: date \_\_\_\_\_
- The Easement Package as outlined within the Town of Farmington Site Design and Development Criteria Manual (section 5.07) provided to the Town Construction Inspector and approved. The Easement Package was forwarded to the Town Attorney for review and approval by the Construction Inspector: date \_\_\_\_\_
- All agency approvals and/or permits required have been forwarded to the Town Development Office
- A Surety Estimate was approved by the Construction Inspector and Town Engineer and forwarded to the Town for processing. The Estimate was recommended at the \_\_\_\_\_ Planning Board meeting and approved at the \_\_\_\_\_ Town Board meeting. The Surety was provided to the Town Clerk on \_\_\_\_\_.

\_\_\_\_\_  
Applicant

\_\_\_\_\_  
Date

\_\_\_\_\_  
Town Development Office / CEO

\_\_\_\_\_  
Date

Preconstruction Meeting scheduled for \_\_\_\_\_

\_\_\_\_\_



# TOWN OF FARMINGTON

1000 County Road #8  
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APPENDIX: **G - 11.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

## TOWN OF FARMINGTON



### FINAL INSPECTION FORM

PB# \_\_\_\_\_ - \_\_\_\_\_

- No deficiencies were found during this final inspection.
- Deficiencies were found during the final inspection.

**Notes:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Pictures Attached

\_\_\_\_\_  
*Department Head's Signature*

\_\_\_\_\_  
*Date*

### FINAL INSPECTION FORM

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 12.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

## GRADING PERMIT CHECKLIST FORM

RE: \_\_\_\_\_ PB# \_\_\_\_\_ - \_\_\_\_\_  
(PROJECT NAME)

Prior to the Town Development Office / CEO issuing a Grading Permit for this application, the Applicant is required to ensure all items below have been completed and filed with the Town Development Office and Town Clerk. Once all of the items below have been completed, a grading preconstruction meeting will be scheduled. The Grading Permit will only be issued after the grading preconstruction meeting occurs.

- A cover letter requesting a Grading Permit from the Town has been provided.
- A grading plan, and erosion and sediment control plan specific to the work to be performed under the grading permit, has been approved by the Town.
- A site-specific sequence of construction has been provided for all work to be performed under the grading permit. This may be shown on the grading plans, erosion and sediment control plans, or provided as a separate submittal.
- An earthwork letter of credit or other surety in a form acceptable to the Town has been reviewed by the Town Engineer and Town Construction Inspector, a letter of recommendation has been provided by the Town Engineer, and was approved by the Town Board on \_\_\_\_\_.
- Grading SWPPP, or Final SWPPP, has been approved by the Town Engineer and a letter of SWPPP Recommendation provided, and the MS4 SWPPP acceptance form signed by Town MS4 Official: date signed \_\_\_\_\_
- Town of Farmington 5-Acre Waiver requested and form completed.  
Submitted to Town Development Office / CEO and approved: date \_\_\_\_\_
  - o N/A, approved phasing plan maintains site under 5 acres of active disturbance
  - o N/A, total disturbance less than 5 acres
- NOI and MS4 SWPPP Acceptance Form submitted to NYSDEC. NYSDEC acknowledgement letter provided to Town Development Office: date \_\_\_\_\_
- All wetland, stream disturbance, threatened and endangered species, floodplain development permit, SHPO, and any other site disturbance related approvals and/or permits required have been forwarded to the Town Development Office.

\_\_\_\_\_  
Applicant

\_\_\_\_\_  
Date

\_\_\_\_\_  
Town Development Office / CEO

\_\_\_\_\_  
Date

Grading Preconstruction Meeting scheduled for: \_\_\_\_\_

# TOWN OF FARMINGTON

1000 County Road #8  
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(315) 986-8100

APPENDIX: **G - 13.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

SIGNATURE BLOCK

SIGNATURE BLOCK

PROJECT NO. or T.O.L. PROJECT #	<b>MRB group</b> <small>Engineering, Architecture &amp; Surveying, S.E.P.C.</small>		Drawn By:	Project Title:			
	<small>The Center Road Annex, 111 Center Road Town of Farmington, New York 14425 Phone: 315-341-5201 www.mrbgroup.com</small>		Checked By:	LINE 1			
			Scale:	LINE 2			
			Date:	LINE 3			
			DATE	Drawing Title:	Rev.	Revisions and Descriptions	By
					Copyright	© 2019 MRB Group	All Rights Reserved

NOTES;

1. SIGNATURE LINES SHALL BE LOCATED IN ONE OF THE TWO LOCATIONS SHOWN ABOVE.
2. THE LOCATION OF THE SIGNATURE LINES SHALL BE CONSISTENT WITHIN THE PLAN SET.

## SIGNATURE LINE LOCATIONS

TOWN OF  
**FARMINGTON**

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **G - 14.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

**REQUIRED PROJECT SITE INSPECTIONS**

**PROJECT NAME:** \_\_\_\_\_ **PB#** \_\_\_\_\_ - \_\_\_\_\_

- Watermain, sanitary main, and storm main installation
- Water service, sanitary lateral, and storm lateral installation
- Road subgrade proof-roll inspection, and road weep installation
- Road subbase proof-roll inspection
- Gutter installation (during placement)
- Sidewalk installation (forms and placement)
- Final road grade inspection (prior to paving)
- Asphalt binder course, and asphalt top course installation
- Watermain pressure testing
- Sanitary main pressure testing / mandrel testing, and manhole vacuum testing
- Sanitary manhole work (inverts, bench walls, epoxy, tar seal, rim grade)
- Storm manhole work (inverts, bench walls, tar seal, rim grade)

# TOWN OF FARMINGTON

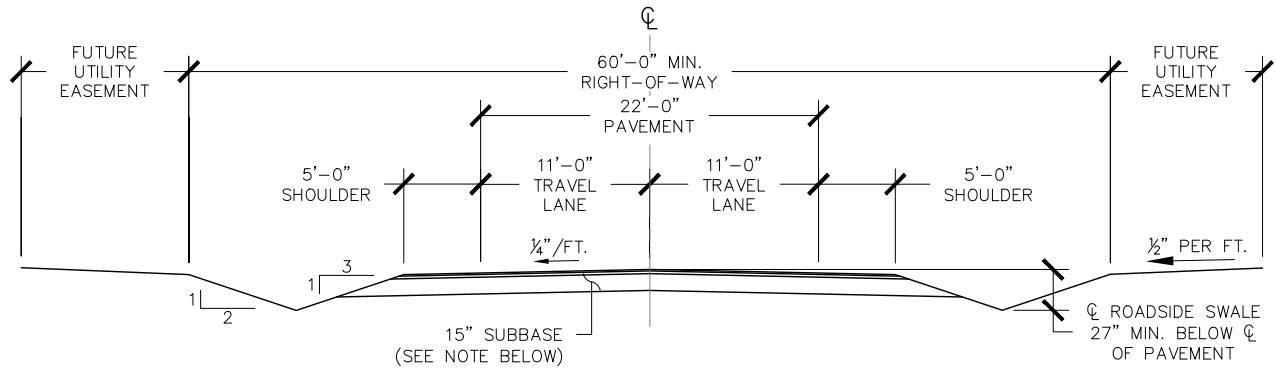
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 1.0**

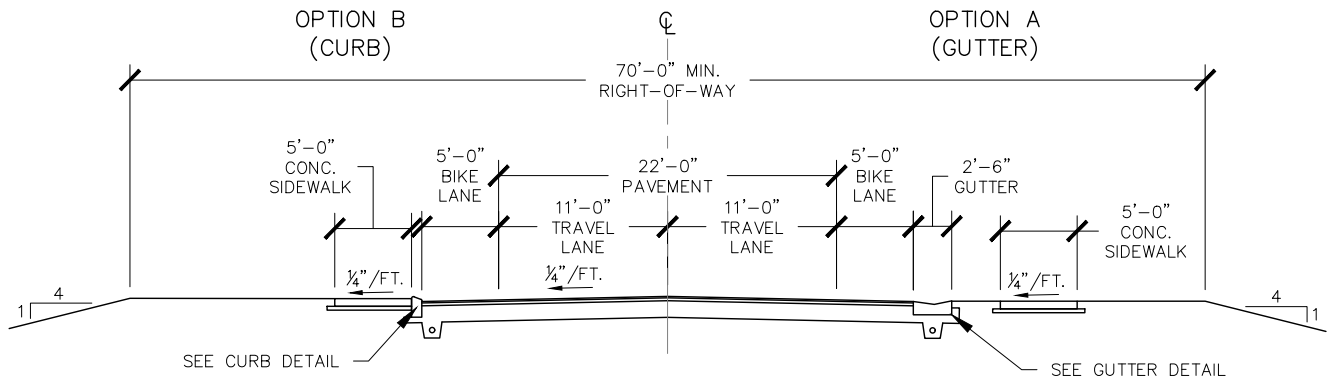
DATE: 2024

SCALE: N.T.S.

**MRB** | group



## TOWN COLLECTOR ROAD



## TOWN COLLECTOR ROAD (COMPLETE STREET)

**NOTES:**

1. SUBBASE EXTENDED OUT TO SWALE BY EITHER STONE WEEPS OR UNDERDRAIN AT DISCRETION OF THE HIGHWAY SUPERINTENDENT.

## TYPICAL ROAD CROSS SECTIONS (TOWN COLLECTOR)

# TOWN OF FARMINGTON

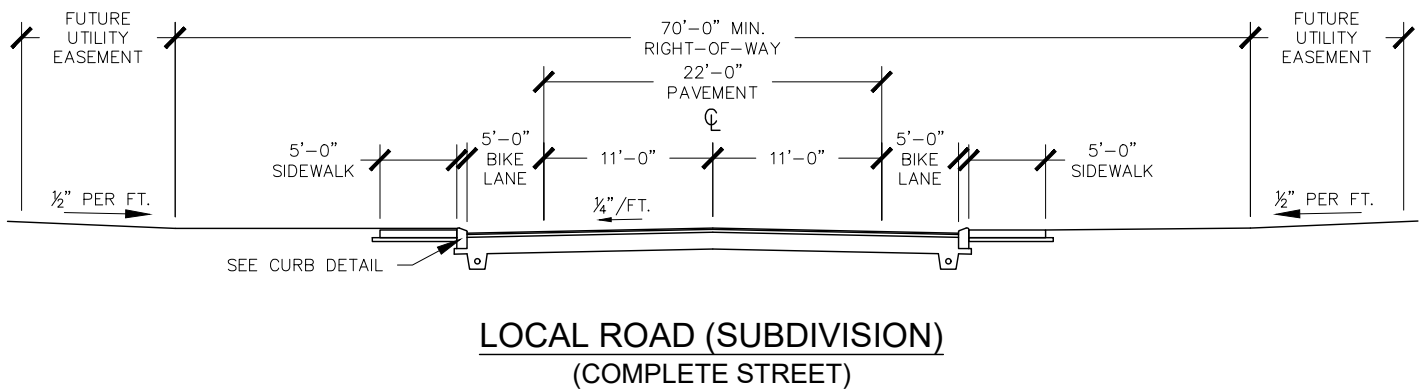
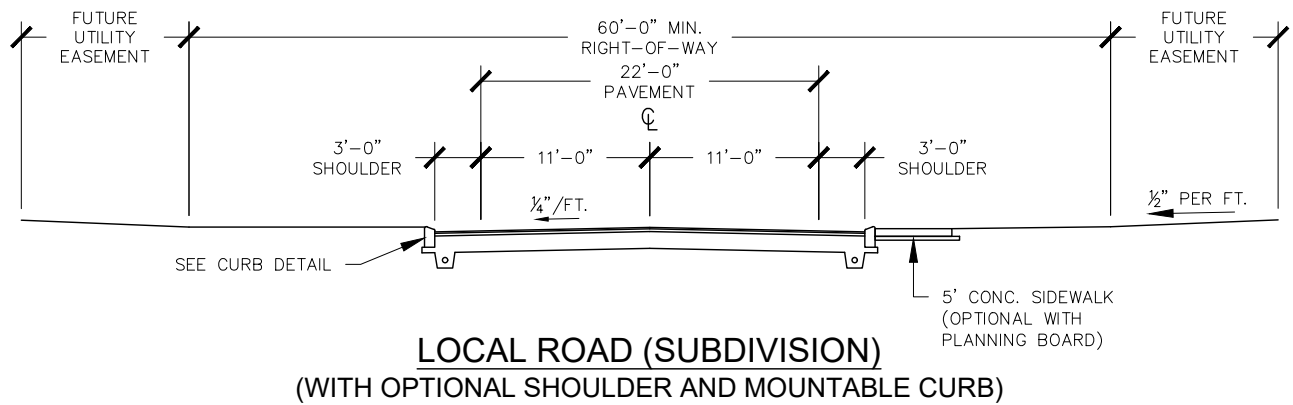
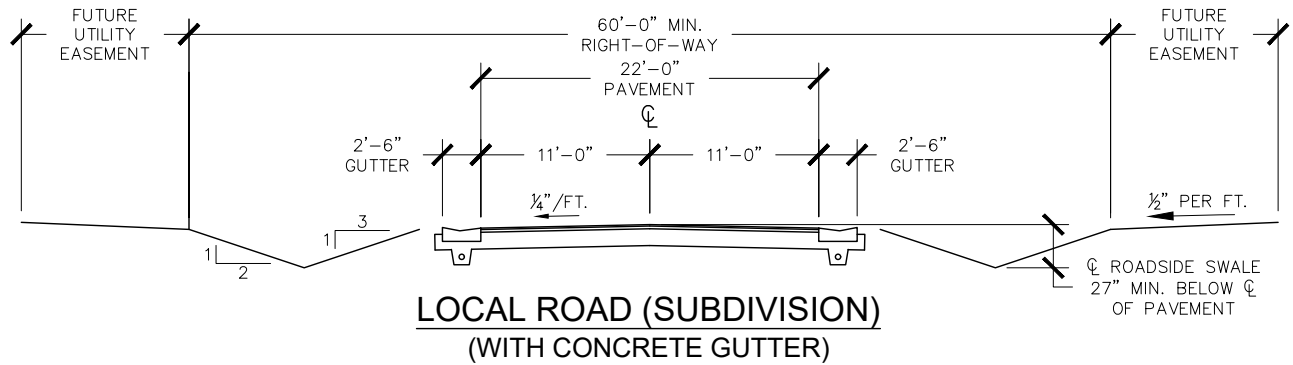
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 1.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## TYPICAL ROAD CROSS SECTIONS (LOCAL)

# TOWN OF FARMINGTON

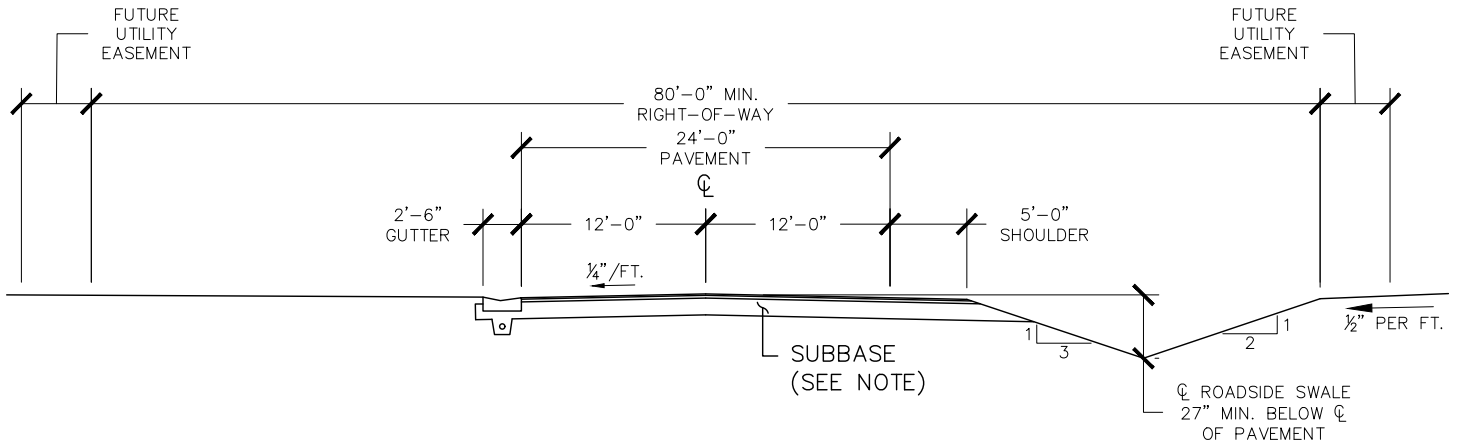
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Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 1.2**

DATE: 2024

SCALE: N.T.S.

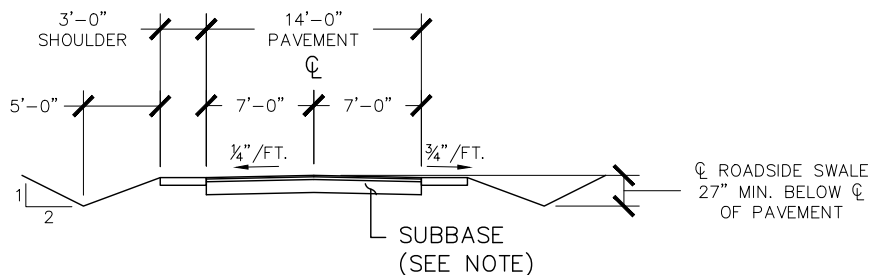
**MRB** | group



**NOTES:**

1. SUBBASE EXTENDED OUT TO SWALE BY EITHER STONE WEEPS OR UNDERDRAIN AT DISCRETION OF THE HIGHWAY SUPERINTENDENT.
2. WHERE WATERMAIN HYDRANTS ARE LOCATED ALONG ROAD, DRIVING SURFACE (PAVEMENT AND CONCRETE GUTTERS) WIDTH TO BE 26' MIN. AND EXTEND 20' MIN. IN EACH DIRECTION (40' MIN.)

**INDUSTRIAL ROAD**



**NOTES:**

1. WHERE WATERMAIN HYDRANTS ARE LOCATED ALONG ROAD, DRIVING SURFACE (PAVEMENT AND CONCRETE GUTTERS) WIDTH TO BE 26' MIN. AND EXTEND 20' MIN. IN EACH DIRECTION (40' MIN.)

**NON-DEDICATED PRIVATE DRIVE**

**TYPICAL ROAD CROSS SECTIONS**  
(INDUSTRIAL / NON-DEDICATED PRIVATE DRIVE)

# TOWN OF FARMINGTON

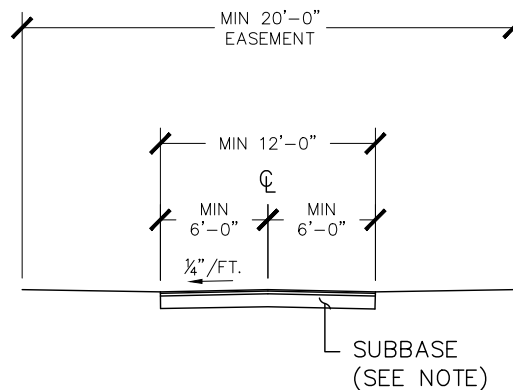
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 1.3**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*



NOTES:

1. MAXIMUM SLOPE OF NO MORE THAN 15%
2. APPROPRIATELY STABILIZED TO WITHSTAND MAINTENANCE EQUIPMENT AND VEHICLES.
3. THREE FEET OF CLEARANCE FROM ANY BARRIERS IS REQUIRED FOR EGRESS FROM VEHICLES. BARRIERS INCLUDE HEDGEROWS, FENCES, GUIDE RAILS, ECT.
4. EASEMENT WIDTH BASED ON HIGHWAY SUPERINTENDENT DISCRETION.

UTILITY SERVICE ROAD

TYPICAL ROAD CROSS SECTIONS  
(UTILITY SERVICE ROAD)



# TOWN OF FARMINGTON

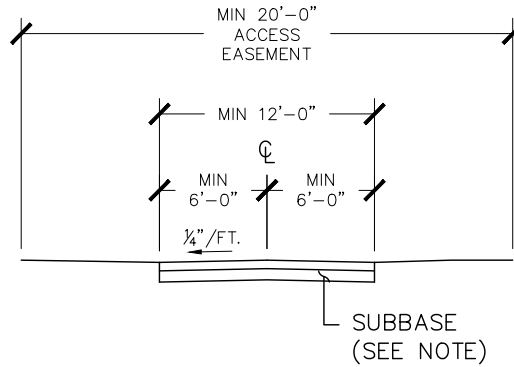
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Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 1.4**

DATE: 2024

SCALE: N.T.S.

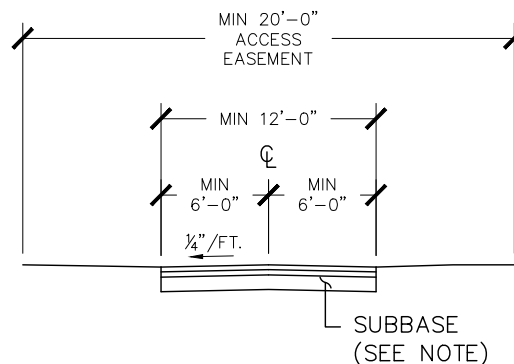
**MRB** | group



NOTES:

1. MAXIMUM SLOPE OF NO MORE THAN 15%
2. APPROPRIATELY STABILIZED TO WITHSTAND MAINTENANCE EQUIPMENT AND VEHICLES.
3. THREE FEET OF CLEARANCE FROM ANY BARRIERS IS REQUIRED FOR EGRESS FROM VEHICLES. BARRIERS INCLUDE HEDGEROWS, FENCES, GUIDE RAILS, ECT.
4. EASEMENT WIDTH BASED ON HIGHWAY SUPERINTENDENT DISCRETION.

## SURFACE STABILIZED MAINTENANCE ACCESS ROAD



NOTES:

1. MAXIMUM SLOPE OF NO MORE THAN 15%
2. APPROPRIATELY STABILIZED TO WITHSTAND MAINTENANCE EQUIPMENT AND VEHICLES.
3. THREE FEET OF CLEARANCE FROM ANY BARRIERS IS REQUIRED FOR EGRESS FROM VEHICLES. BARRIERS INCLUDE HEDGEROWS, FENCES, GUIDE RAILS, ECT.
4. EASEMENT WIDTH BASED ON HIGHWAY SUPERINTENDENT DISCRETION.

## SUBSURFACE STABILIZED MAINTENANCE ACCESS ROAD

# TYPICAL ROAD CROSS SECTIONS

(SURFACE/SUBSURFACE STABILIZED MAINTENANCE ACCESS ROAD)

# TOWN OF FARMINGTON

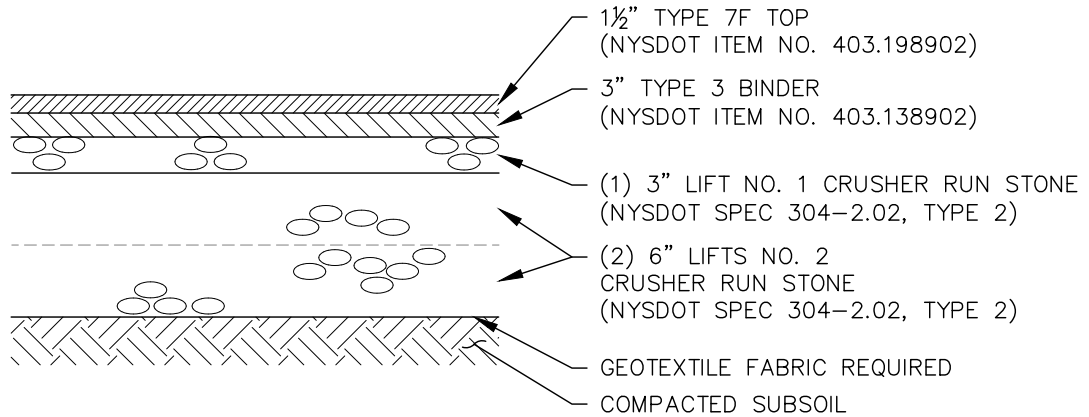
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 2.0**

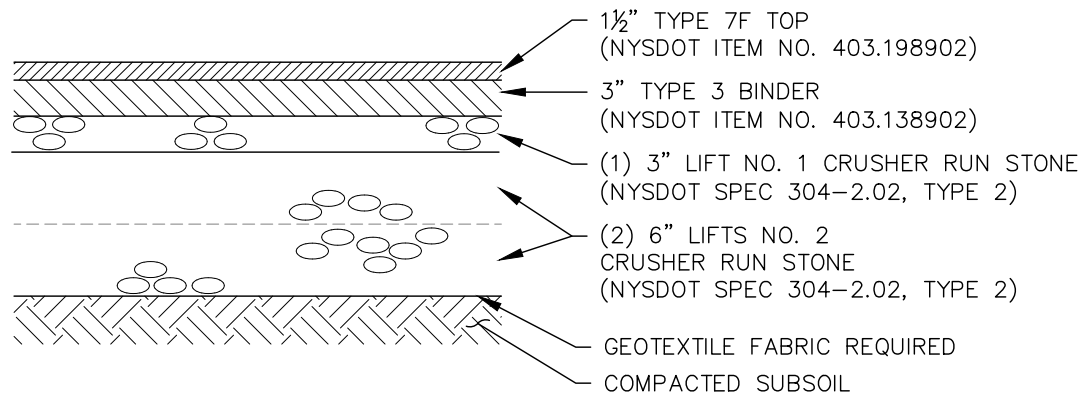
DATE: 2024

SCALE: N.T.S.

**MRB** | group



## TOWN COLLECTOR ROAD



## LOCAL ROAD (SUBDIVISION)

### NOTES:

1. ALL DEPTHS DIMENSIONS ARE COMPACTED THICKNESS.
2. PAVEMENT THICKNESS MAY VARY AS REQUIRED BY TOWN ENGINEER
3. UNDERDRAIN REQUIRED

## TYPICAL PAVEMENT CROSS SECTIONS (TOWN COLLECTOR / LOCAL)

# TOWN OF FARMINGTON

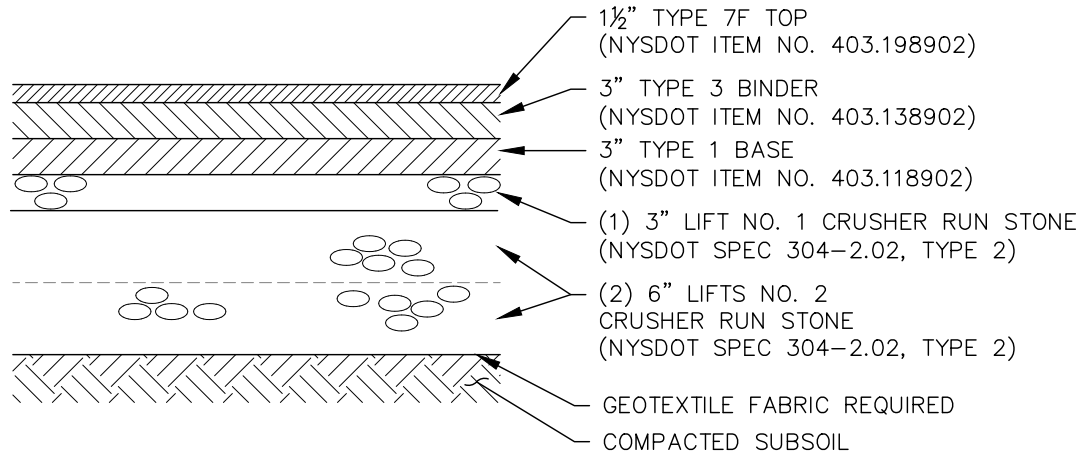
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 2.1**

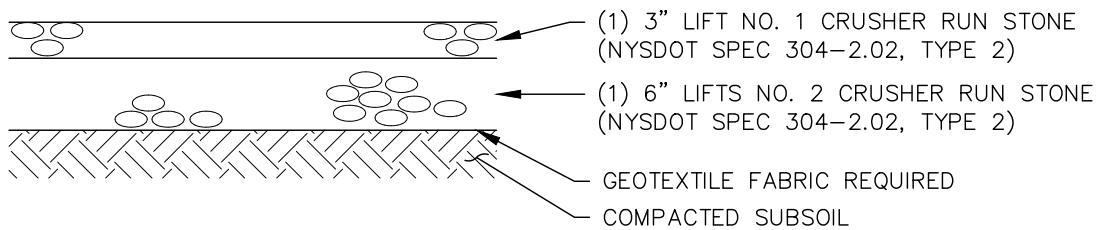
DATE: 2024

SCALE: N.T.S.

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## COMMERCIAL / INDUSTRIAL



## NON-DEDICATED PRIVATE DRIVE

### NOTES:

1. ALL DEPTHS DIMENSIONS ARE COMPACTED THICKNESS.
2. PAVEMENT THICKNESS MAY VARY AS REQUIRED BY TOWN ENGINEER

## TYPICAL PAVEMENT CROSS SECTIONS (COMMERCIAL / INDUSTRIAL / NON-DEDICATED PRIVATE DRIVE)

# TOWN OF FARMINGTON

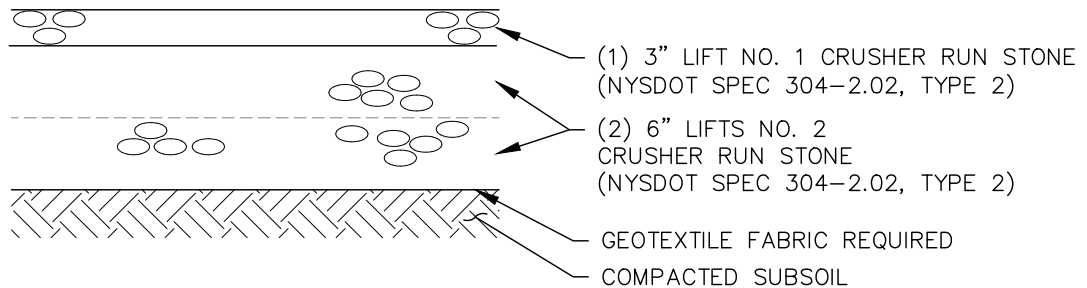
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 2.2**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*



## UTILITY SERVICE ROAD

### NOTES:

1. ALL DEPTHS DIMENSIONS ARE COMPACTED THICKNESS.
2. PAVEMENT THICKNESS MAY VARY AS REQUIRED BY TOWN ENGINEER

## TYPICAL PAVEMENT CROSS SECTION (UTILITY SERVICE ROAD)

# TOWN OF FARMINGTON

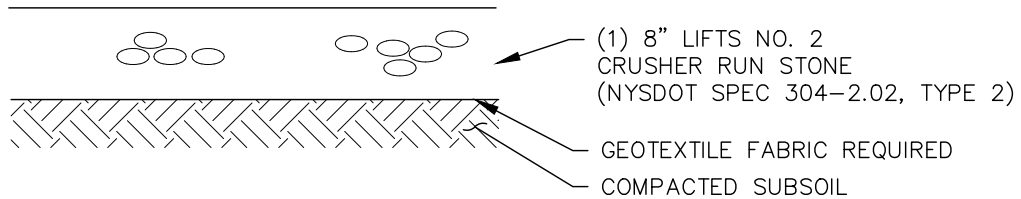
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 2.3**

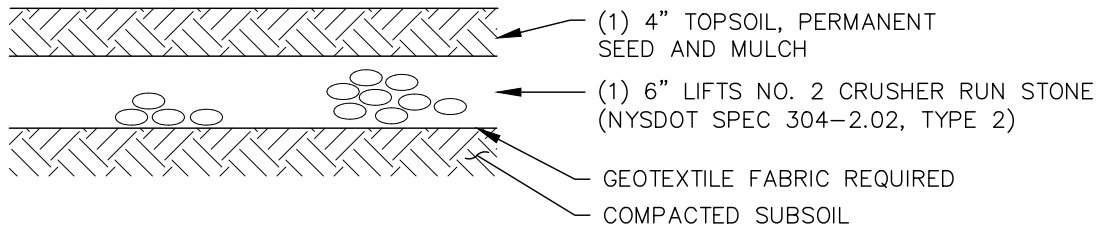
DATE: 2024

SCALE: N.T.S.

**MRB** | group



## SURFACE STABILIZED MAINTENANCE ACCESS ROAD



## SUBSURFACE STABILIZED MAINTENANCE ACCESS ROAD

### NOTES:

1. ALL DEPTHS DIMENSIONS ARE COMPACTED THICKNESS.
2. PAVEMENT THICKNESS MAY VARY AS REQUIRED BY TOWN ENGINEER

## TYPICAL PAVEMENT CROSS SECTIONS (SURFACE/SUBSURFACE STABILIZED MAINTENANCE ACCESS ROAD)

# TOWN OF FARMINGTON

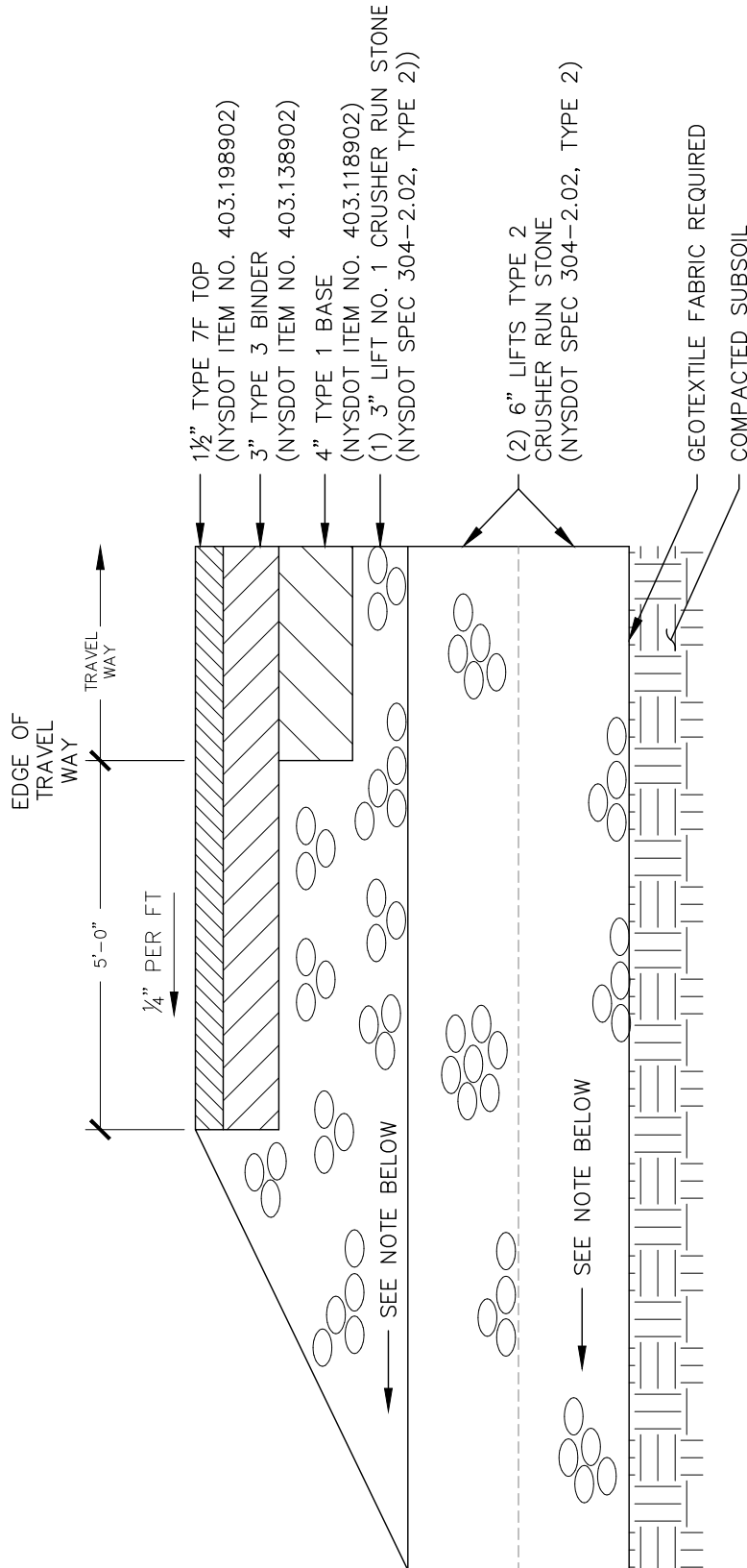
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 3.0**

DATE: 2024

SCALE: N.T.S.

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**NOTES:**

1. EXTEND SUBBASE TO SWALE PER APPENDICES H-2.0, H-2.1, H-2.2
2. PROVIDE 4" UNDERDRAIN IF SUBBASE CANNOT DAYLIGHT

## STABILIZED SHOULDER (COMMERCIAL / INDUSTRIAL)

# TOWN OF FARMINGTON

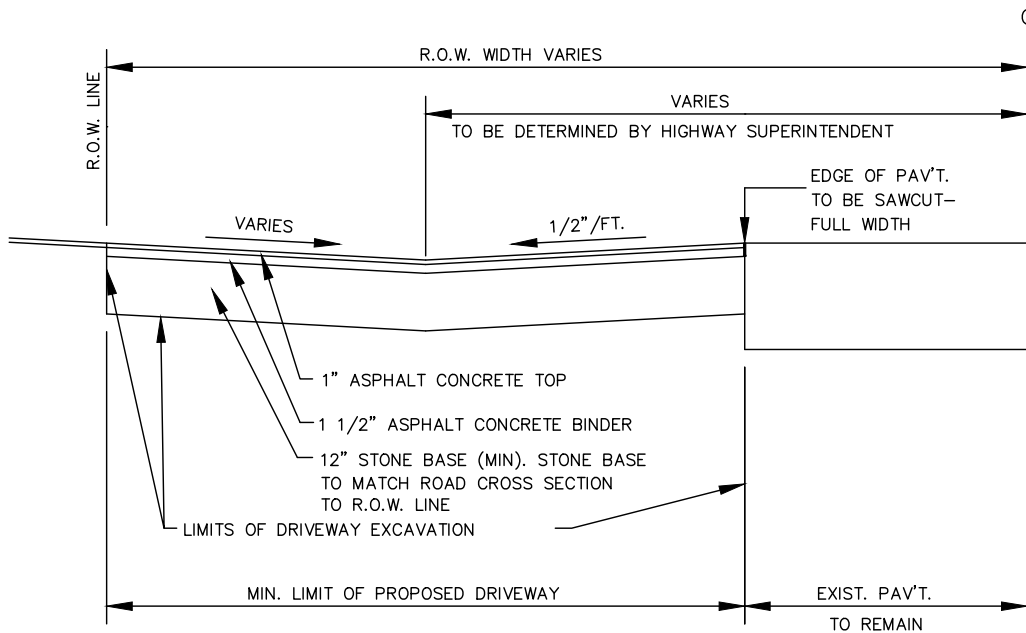
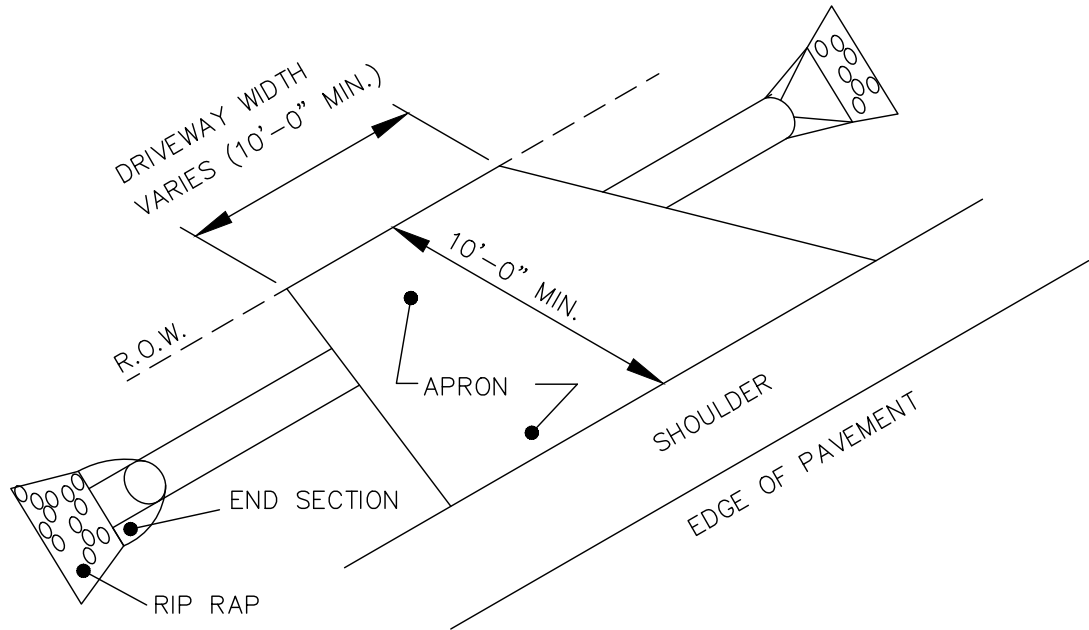
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 4.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

1. DRIVEWAY(S) OBTAINING ACCESS FROM A TOWN ROAD SHALL BE PAVED A MINIMUM OF TEN (10) FEET FROM THE EDGE OF THE TRAVEL LANE UNLESS OTHERWISE INDICATED BY THE TOWN HIGHWAY SUPERINTENDENT.
2. THE APPLICANT SHALL NOTIFY THE HIGHWAY SUPERINTENDENT AT LEAST 48 HOURS PRIOR TO PERFORMING THE WORK TO SCHEDULE A FIELD INSPECTION.
3. A MAXIMUM 3% LEVELING AREA SHOULD BE PROVIDED FOR THE FIRST 30- FEET FROM THE EDGE OF PAVEMENT.

## TYPICAL DRIVEWAY APRON DETAIL

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 5.0**

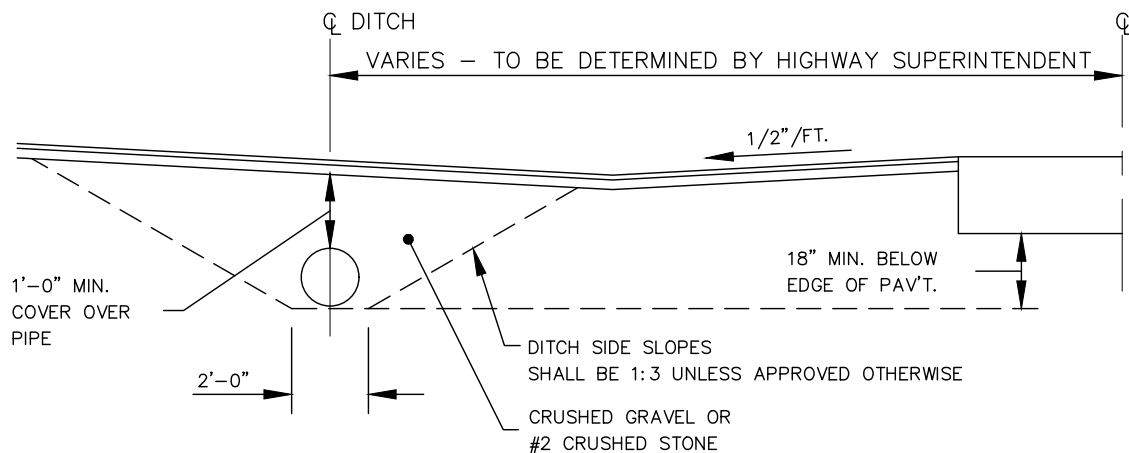
DATE: 2024

SCALE: N.T.S.

**MRB** | group

THE OWNERS SHALL FURNISH AND INSTALL THE PROPER PIPE MATERIAL, MINIMUM LENGTH TO EXTEND AT LEAST THREE (3) FEET BEYOND THE OUTER EDGES OF THE NEW PROPOSED DRIVEWAY AT THE DITCH LINE. SIZE OF THE PIPE WILL BE DETERMINED BY THE TOWN OF FARMINGTON. THE NEW PROPOSED DRIVEWAY CULVERT SHALL BE PLACED AT A LINE, GRADE AND OFFSET DETERMINED BY THE EXISTING DITCH LINE, GRADE AND OFFSET OF THE ADJACENT PROPERTIES ON EITHER SIDE OF THE NEW PROPOSED DRIVEWAY TO FLOW PROPERLY IN A MANNER SATISFACTORILY TO THE SUPERINTENDENT OF HIGHWAYS. ALSO, THE OWNERS OR THEIR AGENTS SHALL INSTALL END SECTIONS TO EACH END OF THE NEW PROPOSED DRIVEWAY CULVERT. ENERGY DISSIPATING MATERIAL OR RIP RAP SHOULD BE USED AT EITHER END SECTION AS DIRECTED BY THE HIGHWAY SUPERINTENDENT.

NOTE: THE APPLICANT SHALL NOTIFY THE HIGHWAY SUPERINTENDENT AT LEAST 48 HOURS PRIOR TO PERFORMING THE WORK TO SCHEDULE FIELD INSPECTION.



**TYPICAL DRIVEWAY CULVERT DETAIL**



# TOWN OF FARMINGTON

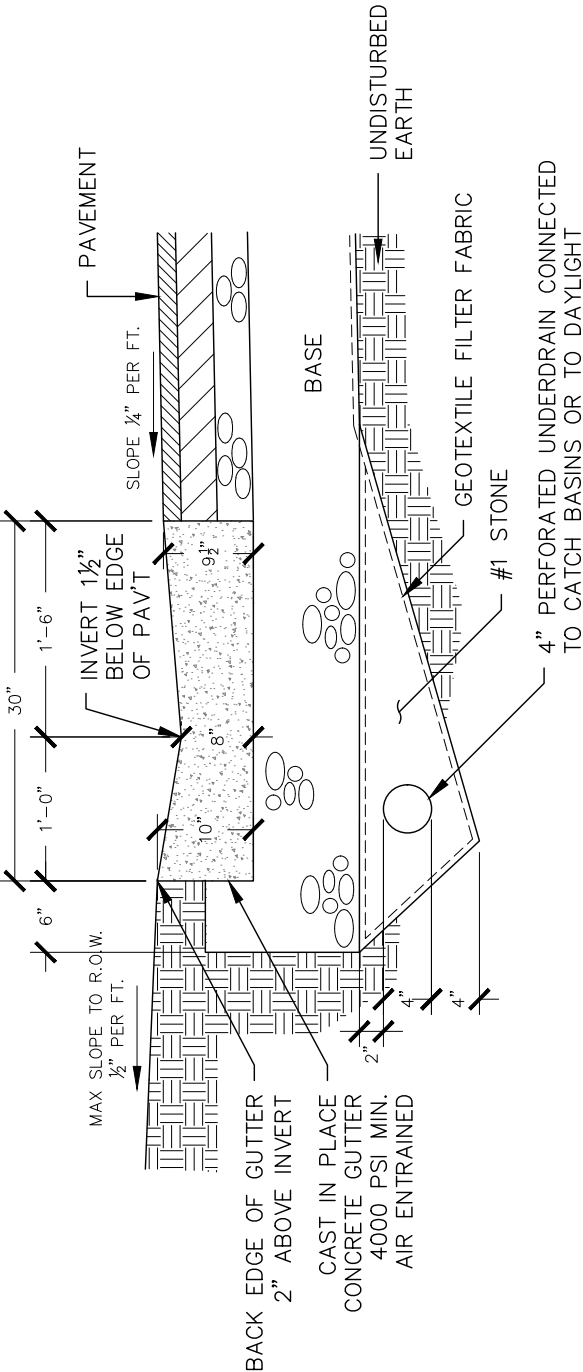
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 6.0**

DATE: 2024

SCALE: N.T.S.

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**CONCRETE GUTTER DETAIL**

# TOWN OF FARMINGTON

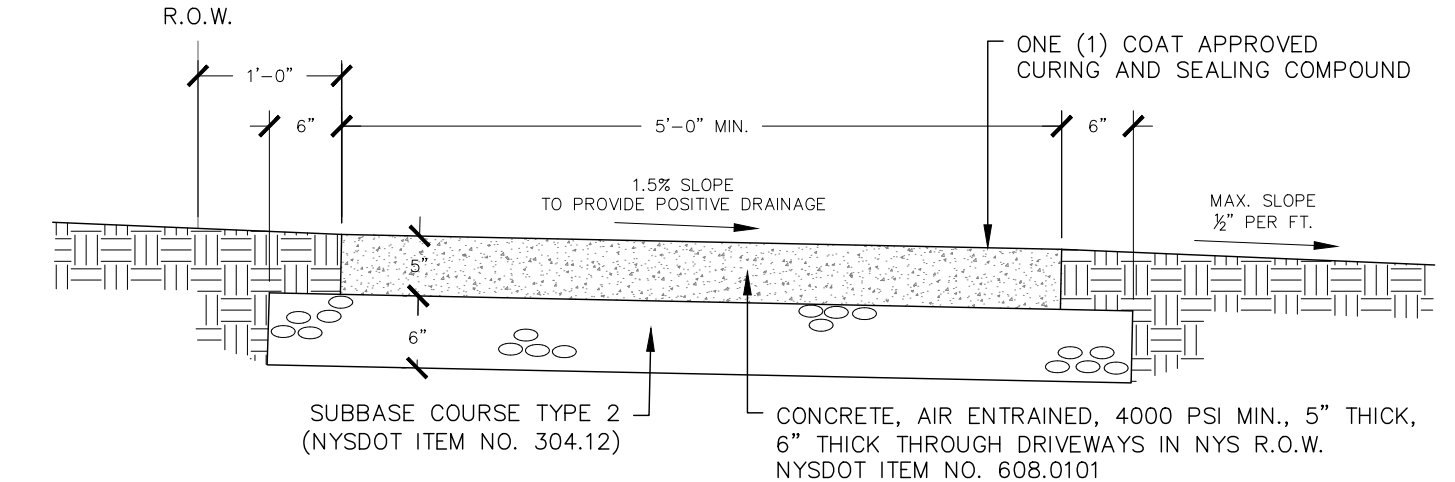
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 7.0**

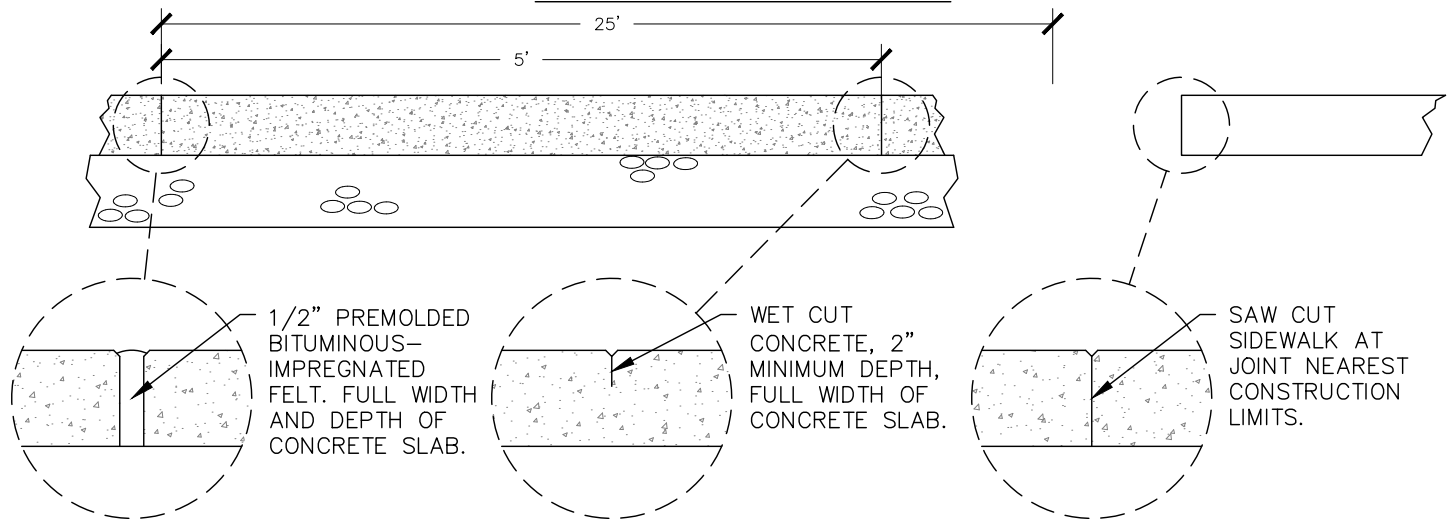
DATE: 2024

SCALE: N.T.S.

**MRB** | group



## CROSS-SECTIONAL VIEW



## PROFILE VIEW

### NOTE:

1. CONCRETE SIDEWALKS THROUGH DRIVEWAYS SHALL INCLUDE W2.9 6"x6" WIRE MESH (10 GAUGE) AT MID THICKNESS FOR REINFORCEMENT.
2. THE GRAVEL OR STONE BASE SHALL BE PLACED ON A WELL GRADED AND COMPACTED SUBGRADE. THE GRAVEL OR STONE BASE SHALL BE THOROUGHLY COMPACTED.
3. ALL EXPOSED SURFACES SHALL BE BROOMED AND EDGES FINISHED WITH A 1/4" RADIUS EDGING TOOL. THE FINISHED CONCRETE SURFACE SHALL BE TREATED WITH A CLEAR, NON-YELLOWING CURING COMPOUND.
4. FOR SIDEWALKS TO BE DEDICATED TO THE TOWN OR WITHIN THE NYS R.O.W., NO CONCRETE SHALL BE PLACED BEFORE APRIL 20TH OR AFTER OCTOBER 31ST. NO CONCRETE SHALL BE PLACED UNLESS THE AMBIENT AIR AND BASE MATERIAL SURFACE TEMPERATURE IS ABOVE 40 DEGREES, EXCEPT IN TOWN R.O.W. WHEN FOLLOWING ACI 306 COLD WEATHER CONCRETING.
5. ALL WORK SHALL CONFORM TO ADA REQUIREMENTS.
6. A 10' SIDEWALK EASEMENT MAY BE REQUIRED BY THE TOWN.
7. THIS DETAIL SHALL APPLY TO ALL SIDEWALK WORK WITHIN TOWN, COUNTY, AND STATE RIGHT OF WAYS.

## SIDEWALK DETAIL

# TOWN OF FARMINGTON

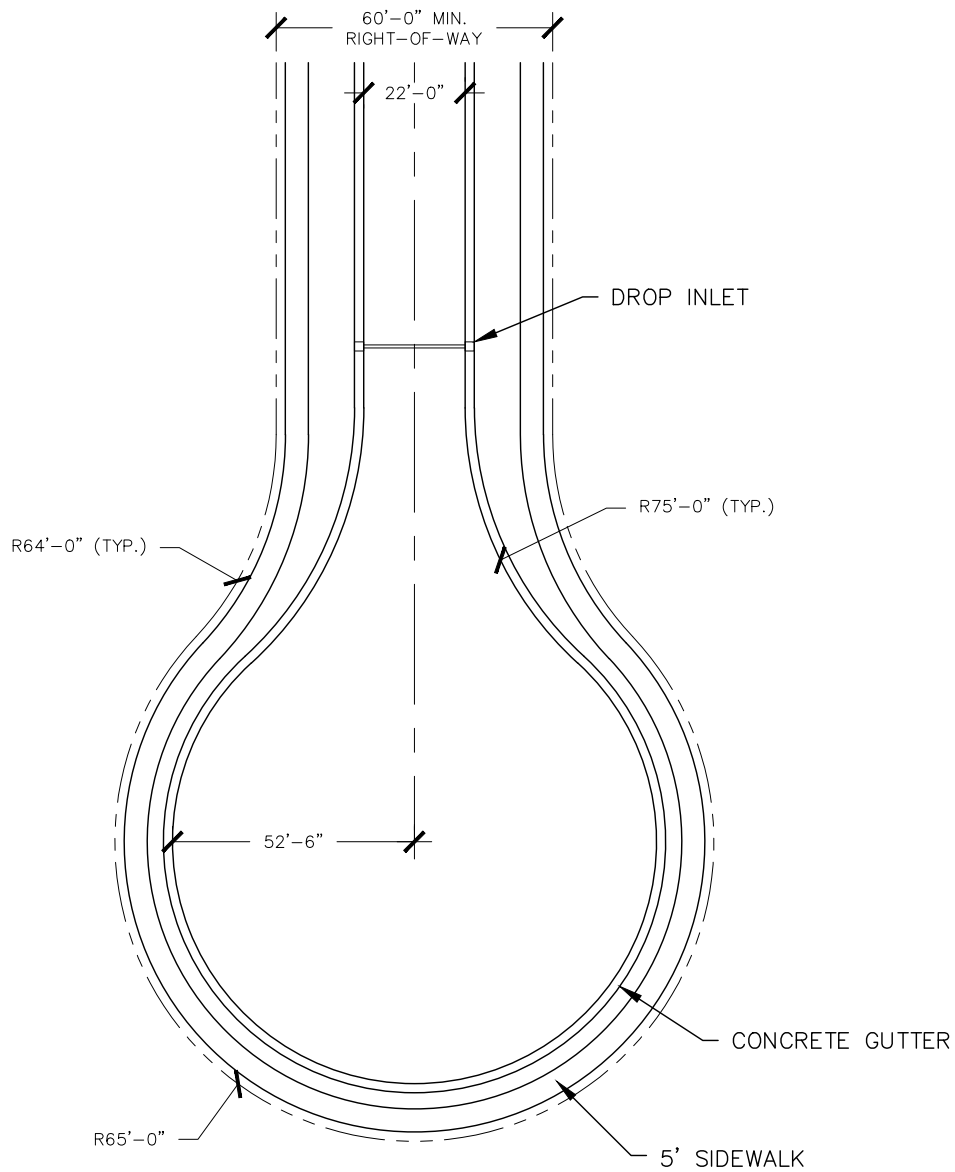
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 8.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

1. NO DROP INLETS WITHIN PAVEMENT AREA. A THIRD DROP INLET MAY BE INSTALLED AT THE END OF THE CUL-DE-SAC

## CUL-DE-SAC PLAN

# TOWN OF FARMINGTON

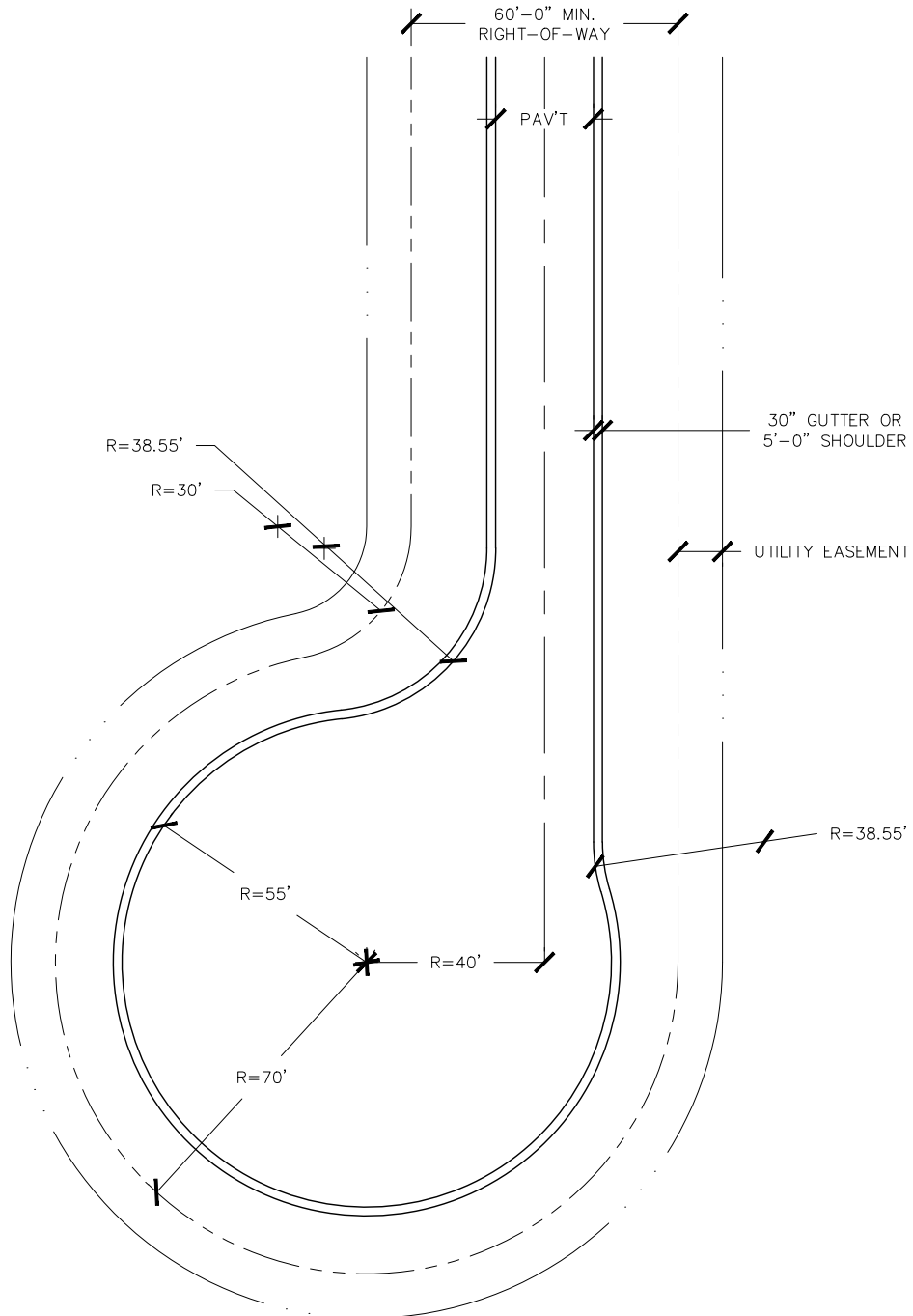
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 8.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



NOTES:

1. DROP INLETS SHALL BE LOCATED AT THE THROAT OF THE CUL-DE-SAC AND AT THE END OF THE CUL-DE-SAC. NO INLETS WILL BE PERMITTED WITHIN THE PAVEMENT AREA.

## OFFSET CUL-DE-SAC PLAN

# TOWN OF FARMINGTON

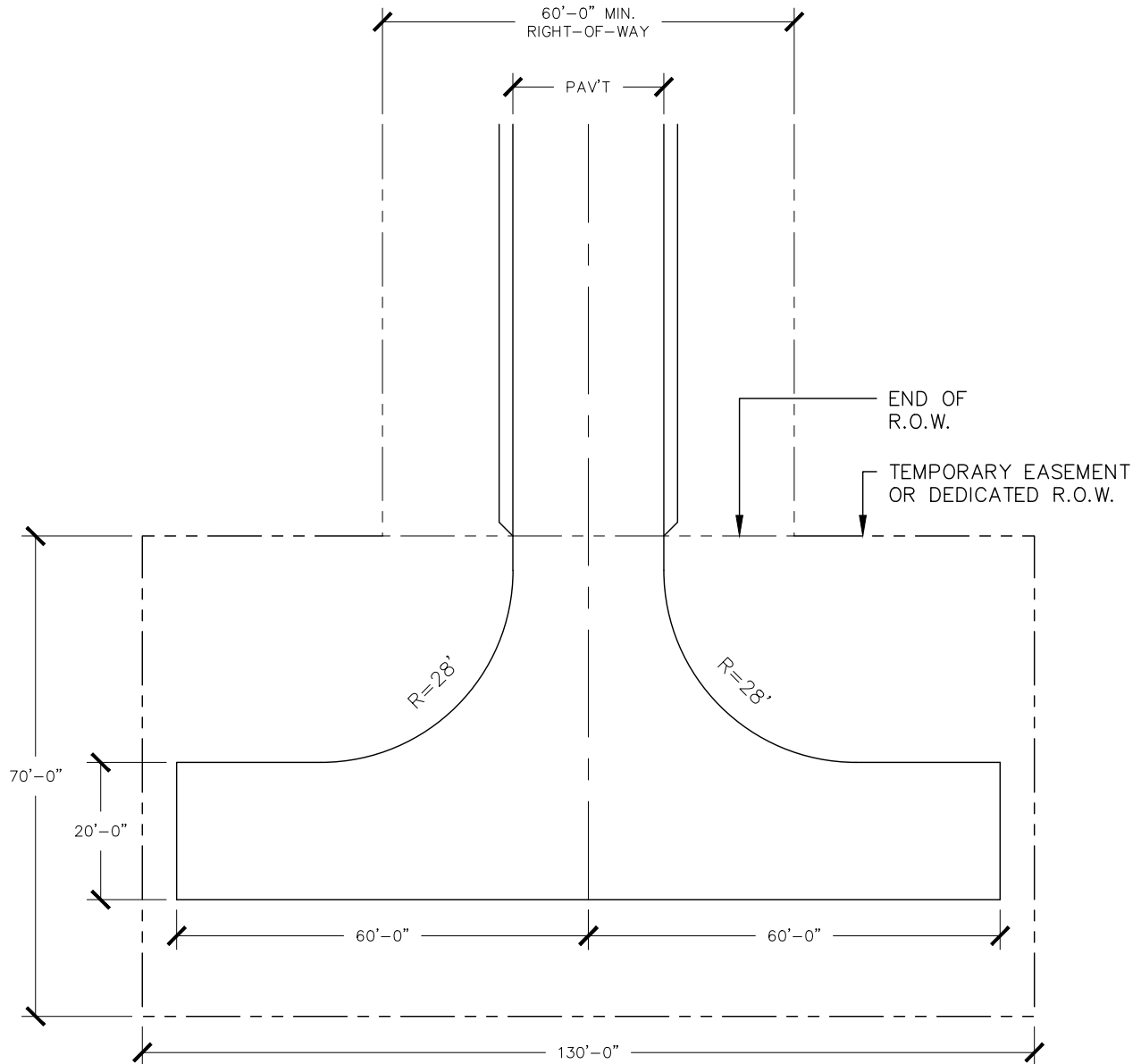
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 9.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*



NOTES:

1. LARGER AREAS MAY BE REQUIRED FOR SNOW STORAGE OR TOPOGRAPHICAL CONSIDERATIONS.

HAMMER HEAD TURN AROUND

# TOWN OF FARMINGTON

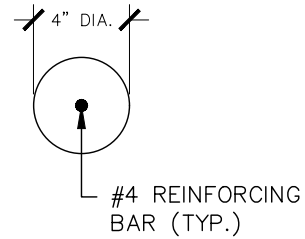
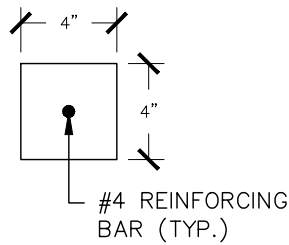
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 10.0**

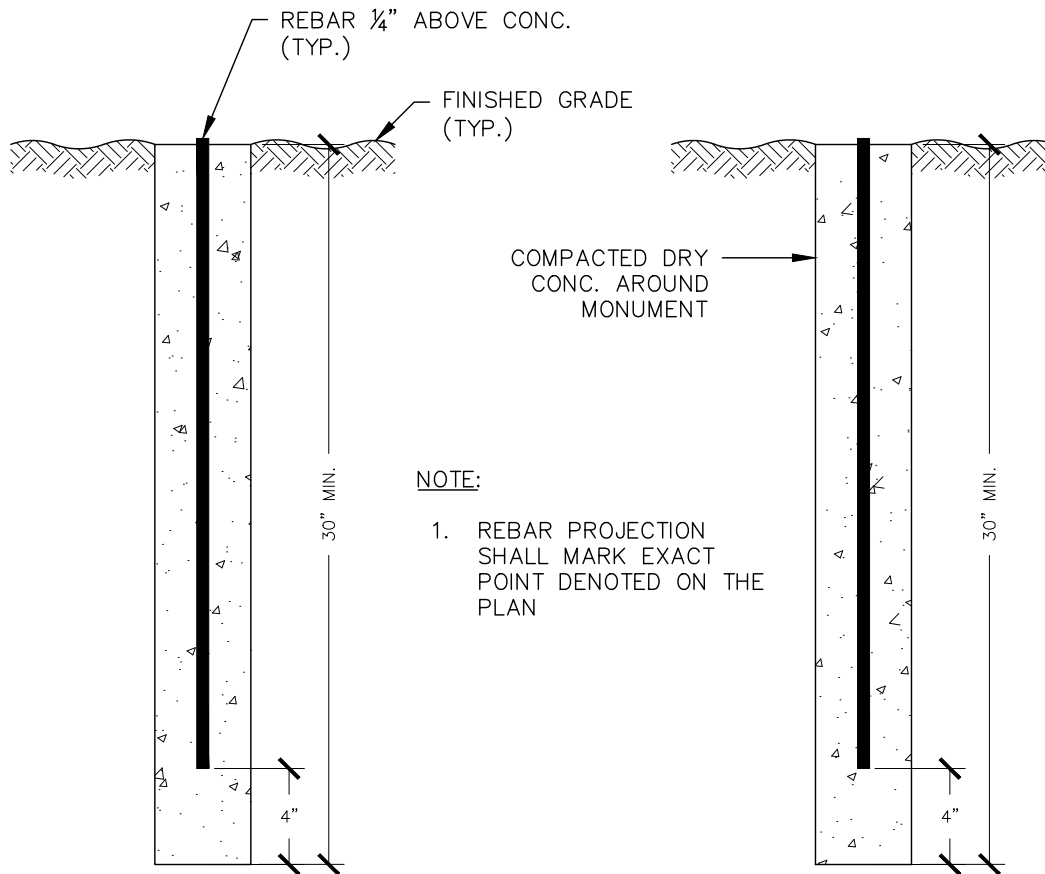
DATE: 2024

SCALE: N.T.S.

**MRB** | group



PLAN



SECTION

MONUMENT

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 11.0**

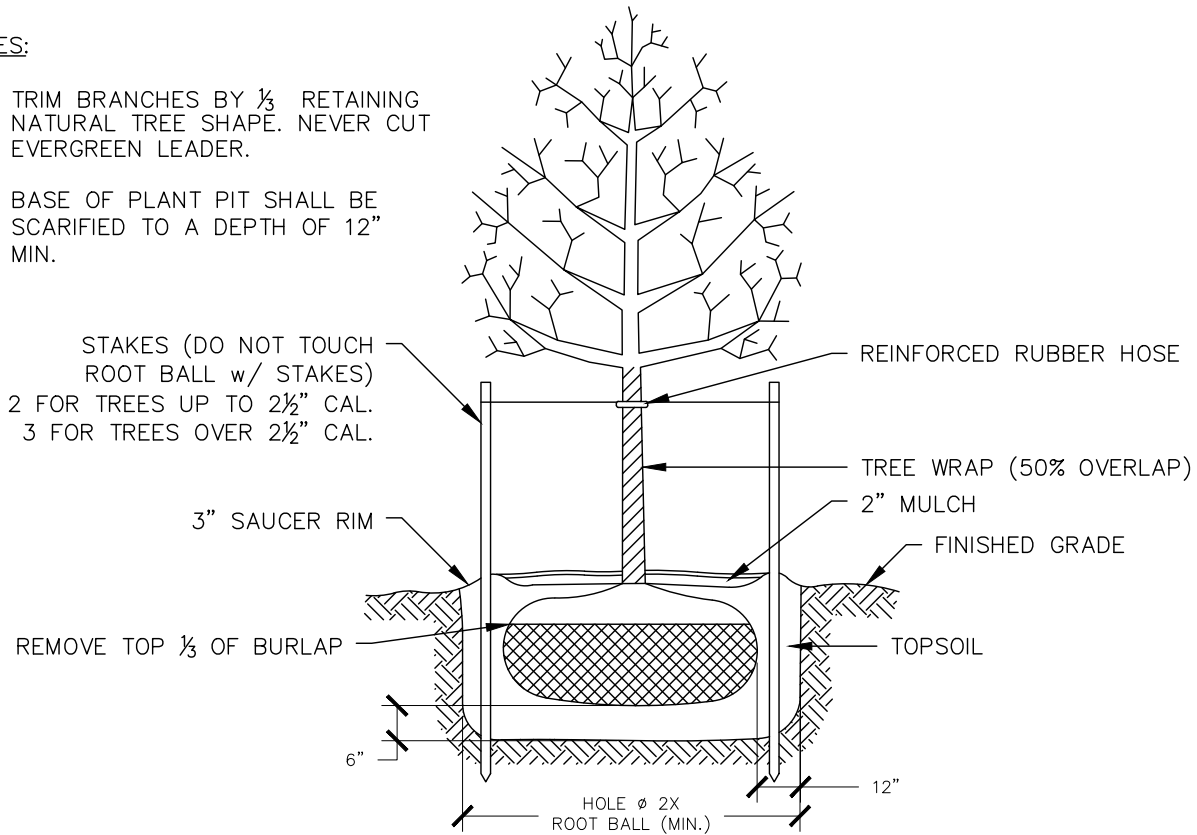
DATE: 2024

SCALE: N.T.S.

**MRB** | group

NOTES:

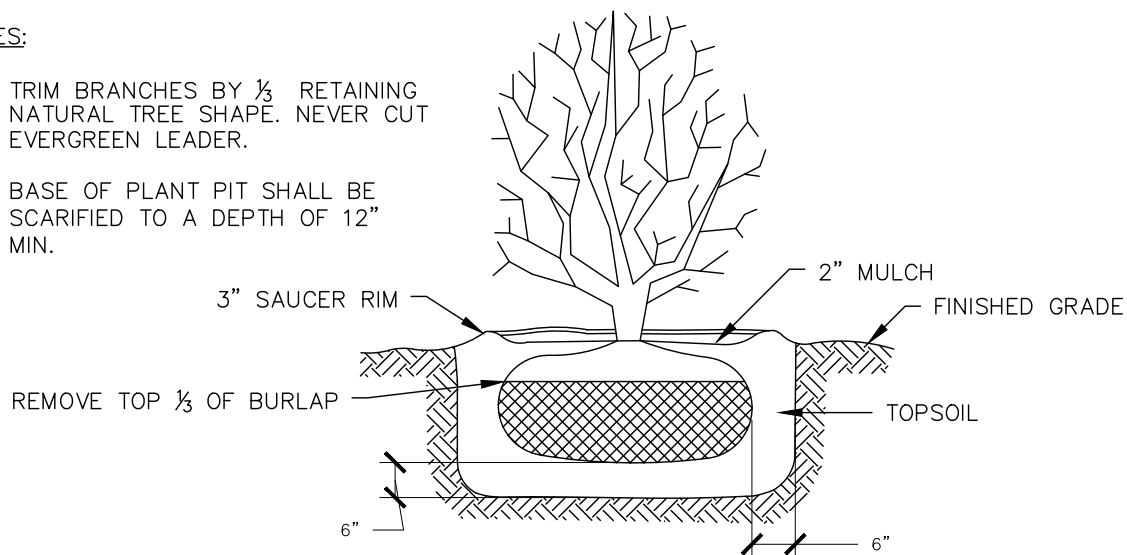
1. TRIM BRANCHES BY  $\frac{1}{3}$  RETAINING NATURAL TREE SHAPE. NEVER CUT EVERGREEN LEADER.
2. BASE OF PLANT PIT SHALL BE SCARIFIED TO A DEPTH OF 12" MIN.



**TYPICAL TREE PLANTING DETAIL**

NOTES:

1. TRIM BRANCHES BY  $\frac{1}{3}$  RETAINING NATURAL TREE SHAPE. NEVER CUT EVERGREEN LEADER.
2. BASE OF PLANT PIT SHALL BE SCARIFIED TO A DEPTH OF 12" MIN.



**TYPICAL SHRUB PLANTING DETAIL**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 12.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

## LANDSCAPING REQUIREMENTS – NOTES

- A. LANDSCAPING CONSISTING OF ATTRACTIVE TREES, SHRUBS, PLANTS, AND GRASS LAWNS SHALL BE REQUIRED AND PLANTED IN ACCORDANCE WITH THE SITE DEVELOPMENT PLAN SUBMITTED AND APPROVED BY THE PLANNING BOARD.
- B. NOT LESS THAN 30% OF THE LOT AREA FOR ANY PERMITTED OR SPECIAL PERMITTED USE LOCATED ON A PARCEL OF LAND WITHIN THE RB, NB, GB, LI, OR GI DISTRICTS SHALL BE DEVOTED TO SEEDING, PLANTINGS, RETENTION OF TREE COVER, SIMILAR VEGETATIVE OR LANDSCAPED COVER. THE PLANNING BOARD MAY INCLUDE SITE DETENTION/RETENTION PONDS WHEN PART OF AN APPROVED SITE PLAN.
- C. PARKING AREA WITHIN THE "MAJOR THOROUGHFARE OVERLAY DISTRICT" SHALL BE LANDSCAPED AND BUFFERED. A REASONABLE REDUCTION IN THE SIZE AND NUMBER OF PARKING SPACES REQUIRED FOR THE PROJECT WITHIN THE OVERLAY DISTRICT SHALL BE PERMITTED BY THE TOWN PLANNING BOARD WHERE IT CAN BE DEMONSTRATED THAT SUCH A REDUCTION WILL NOT CREATE OVERFLOW PARKING PROBLEMS, WILL NOT ADVERSELY IMPACT THE ACCESS ROADS, AND THAT THE ADDITIONAL SPACE WILL BE USED FOR LANDSCAPING OR OPEN SPACE AREAS WITHIN THE SITE.

### LAND USE CLASSIFICATION

### BUFFERYARD REQUIRED

- |  |   |
|--|---|
| 1. AGRICULTURAL NEXT TO BUSINESS, INDUSTRIAL, OR PLANNED DEVELOPMENT | B |
| 2. RESIDENTIAL NEXT TO BUSINESS, INDUSTRIAL, OR PLANNED DEVELOPMENT  | A |
| 3. PLANNED DEVELOPMENT NEXT TO BUSINESS OR INDUSTRIAL                | C |
| 4. BUSINESS OR INDUSTRIAL NEXT TO BUSINESS OR INDUSTRIAL             | D |

(SEE APPENDICES H-12.1 THROUGH H-12.5 IN THIS MANUAL)

THE REQUIREMENT OF THE BUFFERYARD MAY BE SATISFIED BY ANY OF THE OPTIONS ILLUSTRATED. THE "PLANT UNIT MULTIPLIER" IS A FACTOR BY WHICH THE BASIC NUMBER OF PLANT MATERIALS REQUIRED FOR A GIVEN BUFFERYARD IS DETERMINED GIVEN A CHANGE IN THE WIDTH OF THAT YARD. THE TYPE AND QUANTITY OF PLANT MATERIALS REQUIRED BY EACH BUFFERYARD, AND EACH BUFFERYARD OPTION, ARE SPECIFIED IN THE APPENDICES H-12.1 THROUGH H-12.5.

## LANDSCAPING NOTES



# TOWN OF FARMINGTON

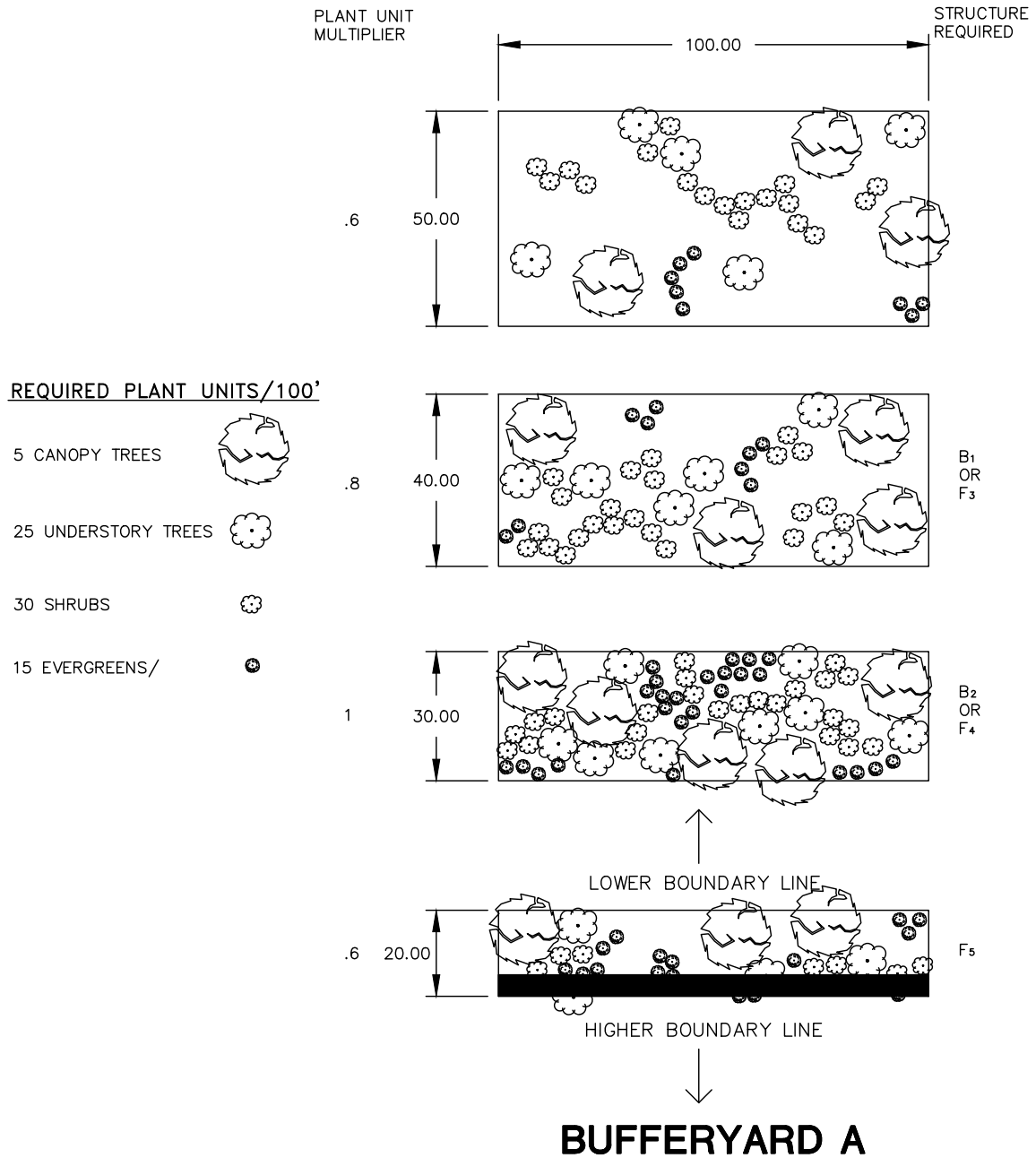
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 12.1**

DATE: 2024

SCALE: N.T.S.

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## LANDSCAPING REQUIREMENTS (BUFFERYARD A)

# TOWN OF FARMINGTON

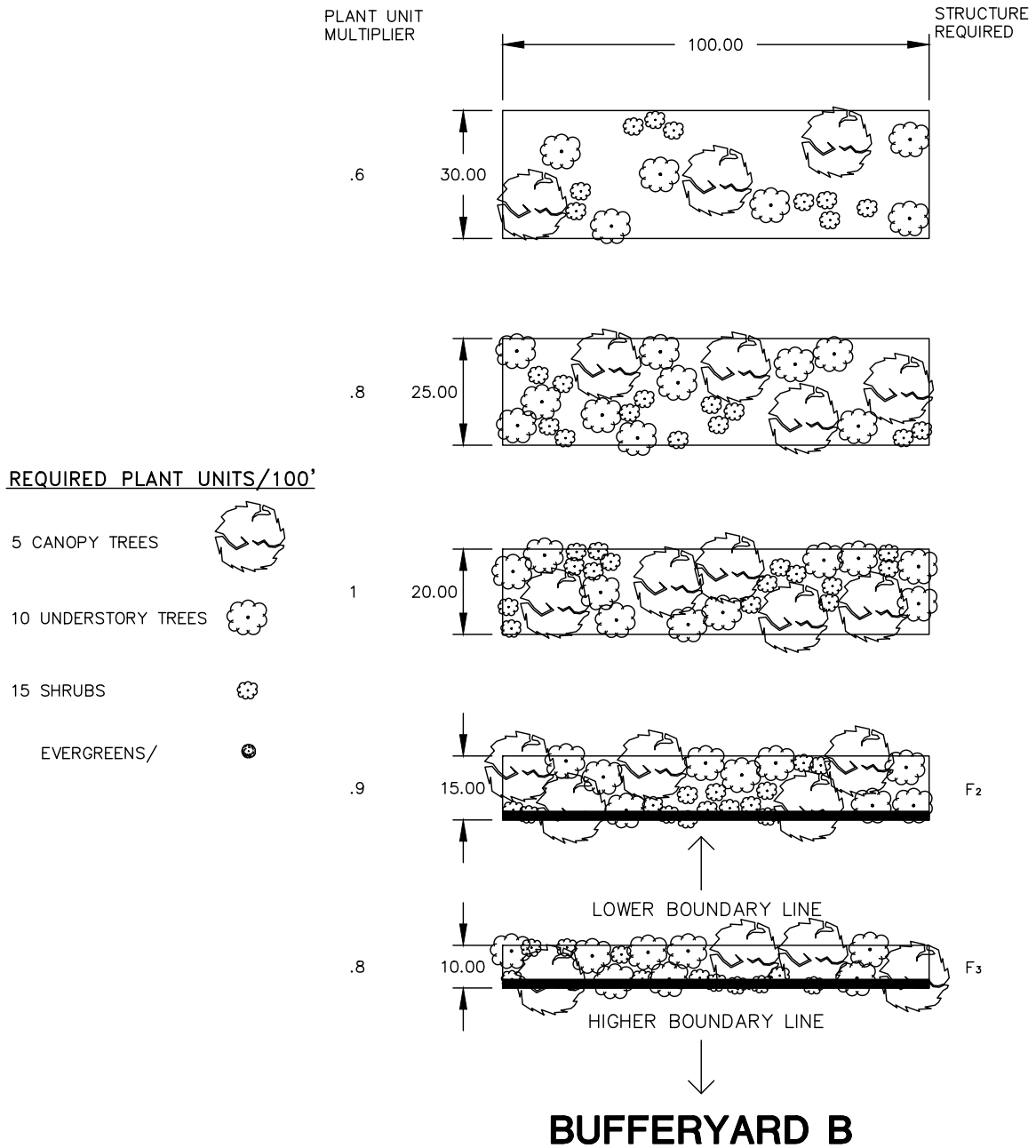
1000 County Road #8  
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(315) 986-8100

APPENDIX: **H - 12.2**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## LANDSCAPING REQUIREMENTS (BUFFERYARD B)

# TOWN OF FARMINGTON

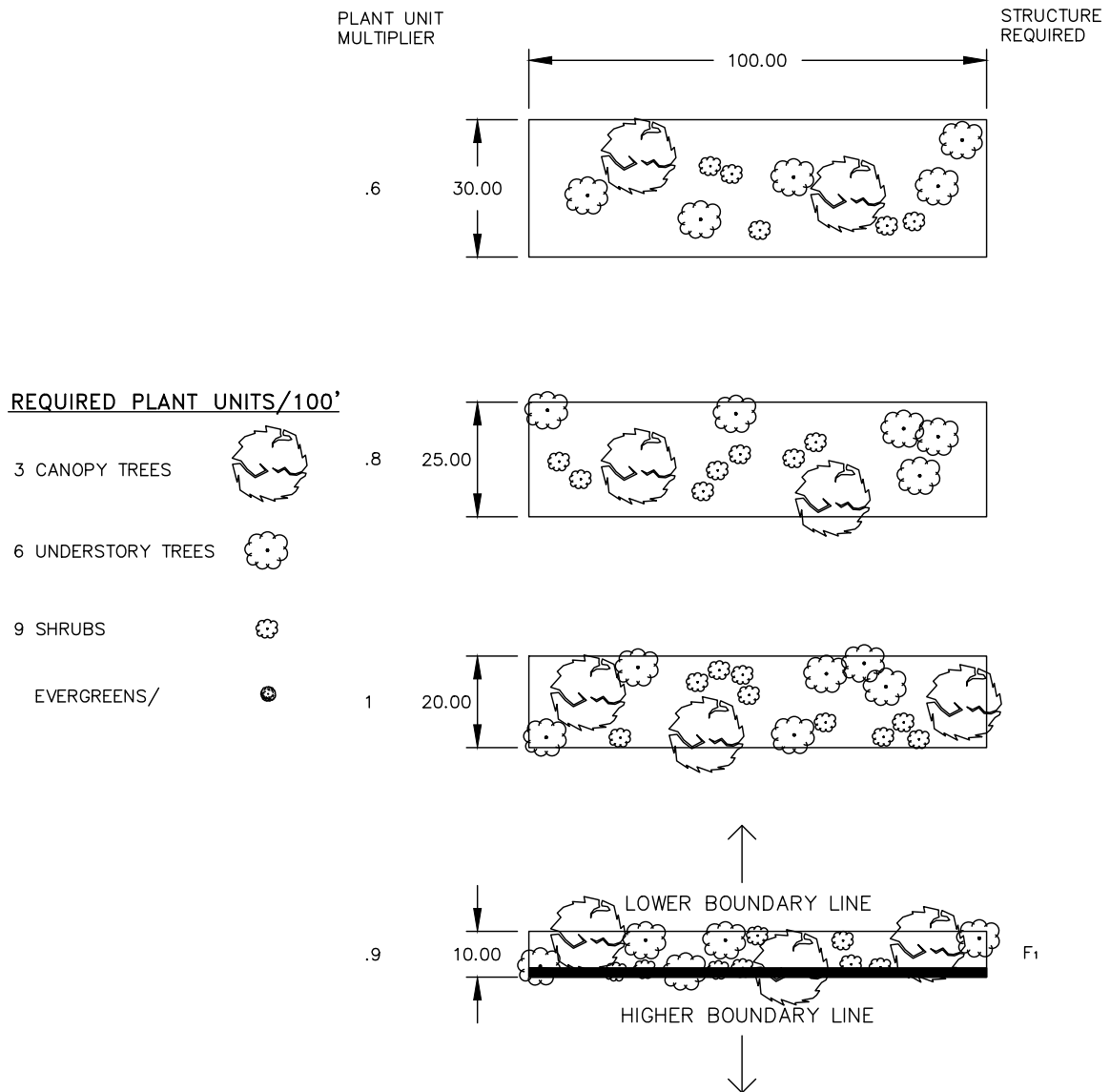
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 12.3**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## BUFFERYARD C

### LANDSCAPING REQUIREMENTS (BUFFERYARD C)

# TOWN OF FARMINGTON

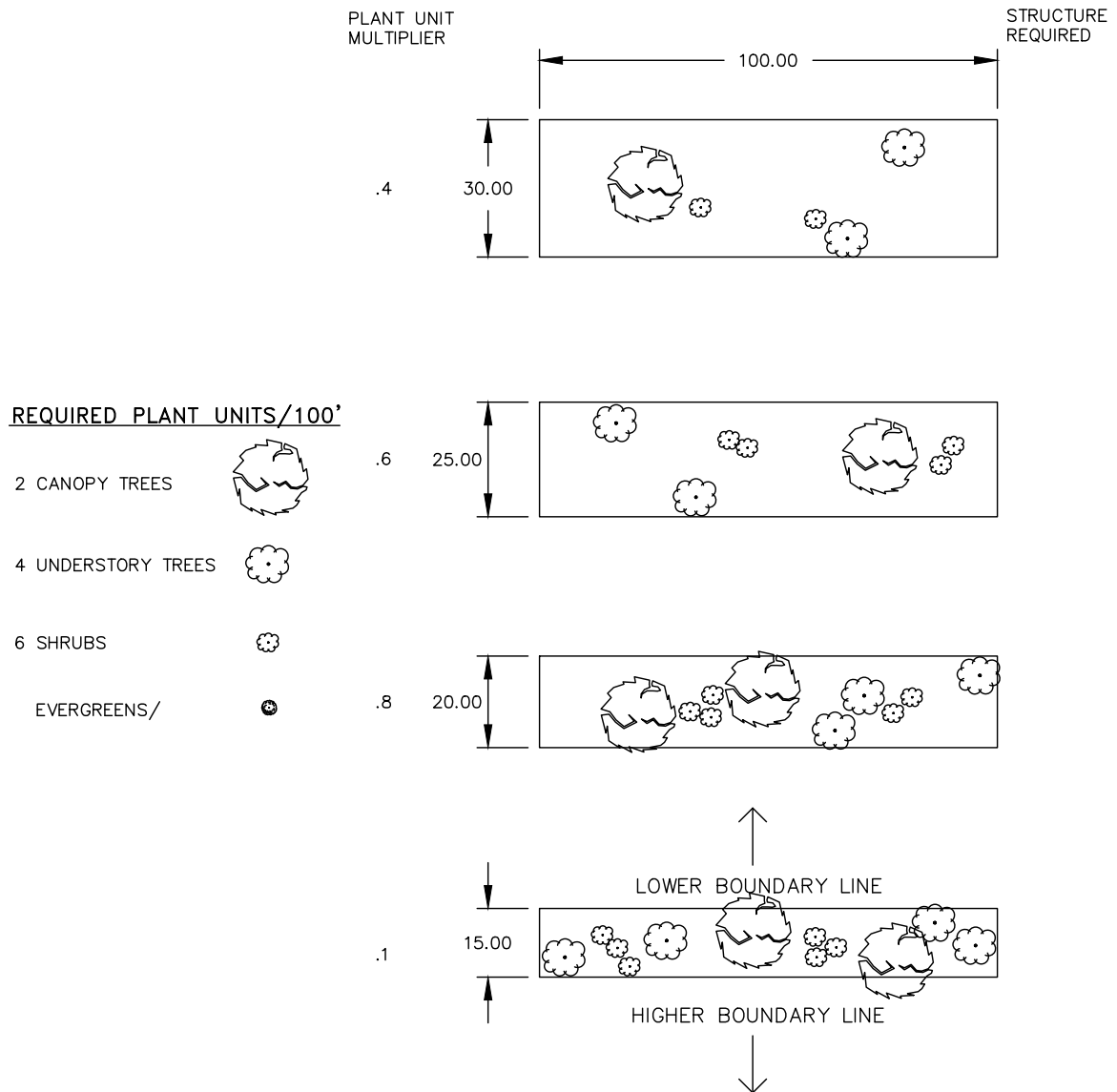
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APPENDIX: **H - 12.4**

DATE: 2024

SCALE: N.T.S.

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## BUFFERYARD D

### LANDSCAPING REQUIREMENTS (BUFFERYARD D)

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 12.5**

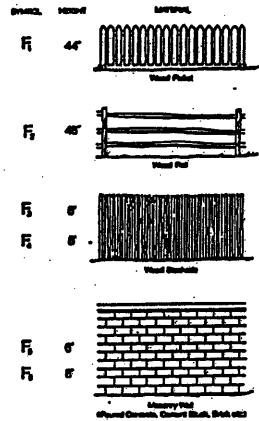
DATE: 2024

SCALE: N.T.S.

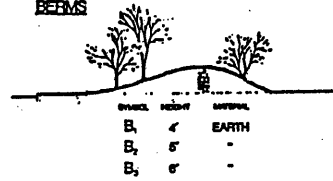
**MRB** | group

## LANDSCAPING AND BUFFERING STANDARDS

### FENCES



### BERMS



INFORMATION SUMMARIZED FROM PERFORMANCE ZONING, by LANE KENDIG (1980, A.P.A.)

# TOWN OF FARMINGTON

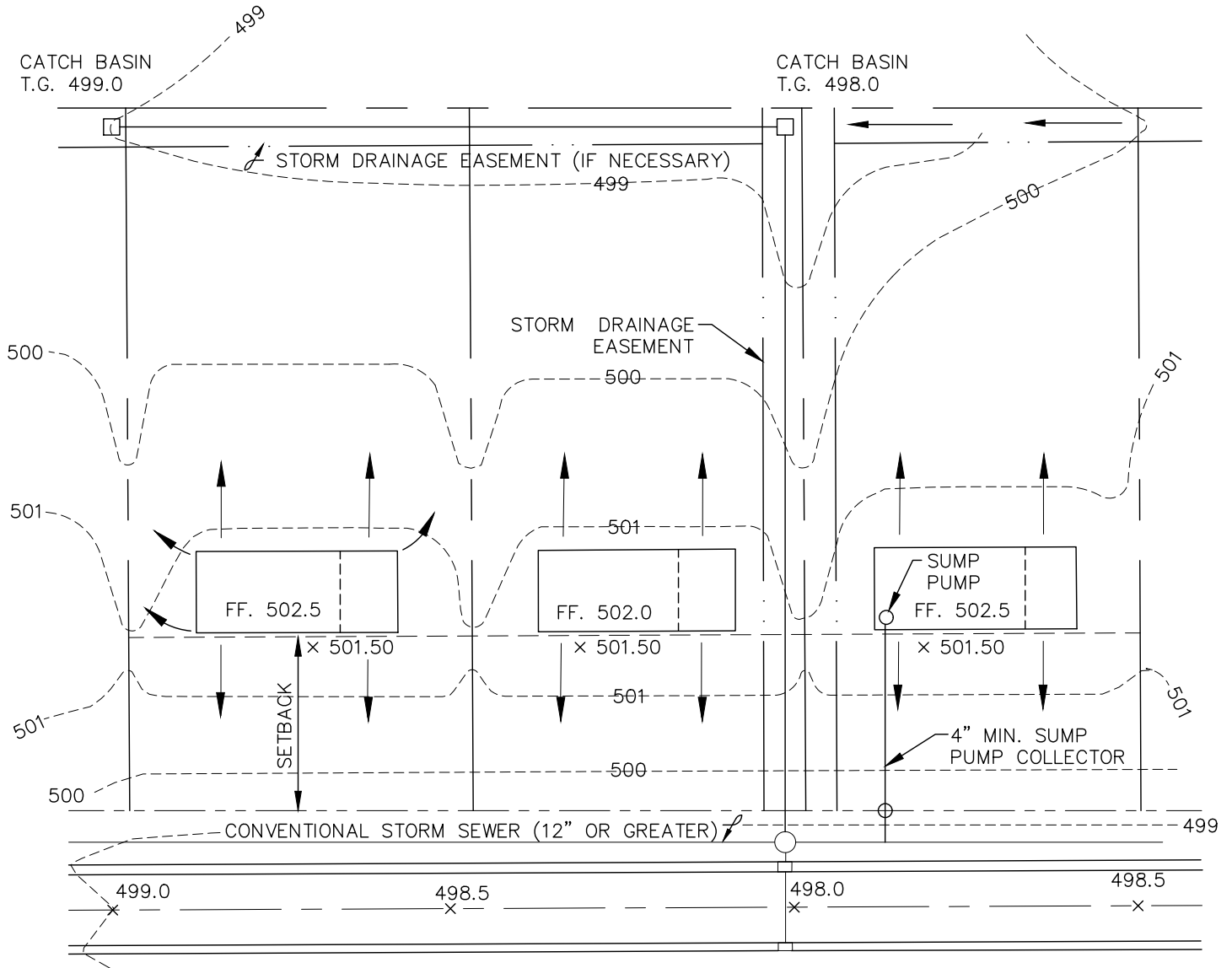
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 13.0**

DATE: 2024

SCALE: N.T.S.

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### LEGEND

- 502-- ORIGINAL CONTOURS
- 501 -- PROPOSED CONTOURS
- FLOW ARROWS
- × 498.50 SPOT ELEVATIONS
- STORM SEWER & MANHOLE
- CATCH BASIN

## TYPICAL GRADING PLAN

# TOWN OF FARMINGTON

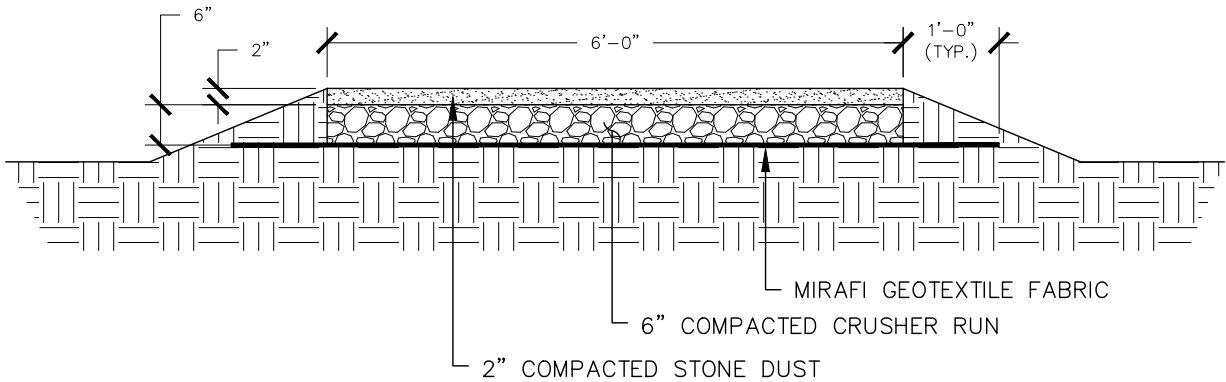
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 14.0**

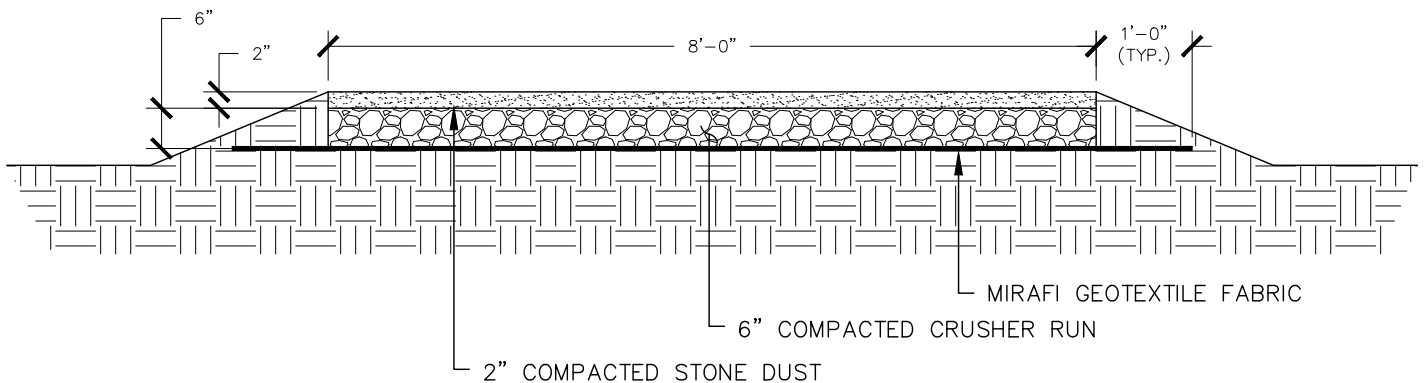
DATE: 2024

SCALE: N.T.S.

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## STONE DUST TRAIL



## MULTI-PURPOSE TRAIL

NOTE:

1. ALL STONE DUST TRAILS AND MULTI-PURPOSE TRAILS TO BE DEDICATED TO THE TOWN SHALL BE CONSTRUCTED PER THESE DETAILS.
2. ALL STONE DUST TRAILS AND MULTI-PURPOSE TRAILS TO BE DEDICATED TO THE TOWN SHALL BE INSPECTED BY THE TOWN PRIOR TO ACCEPTANCE AND DEDICATION.

# TOWN OF FARMINGTON

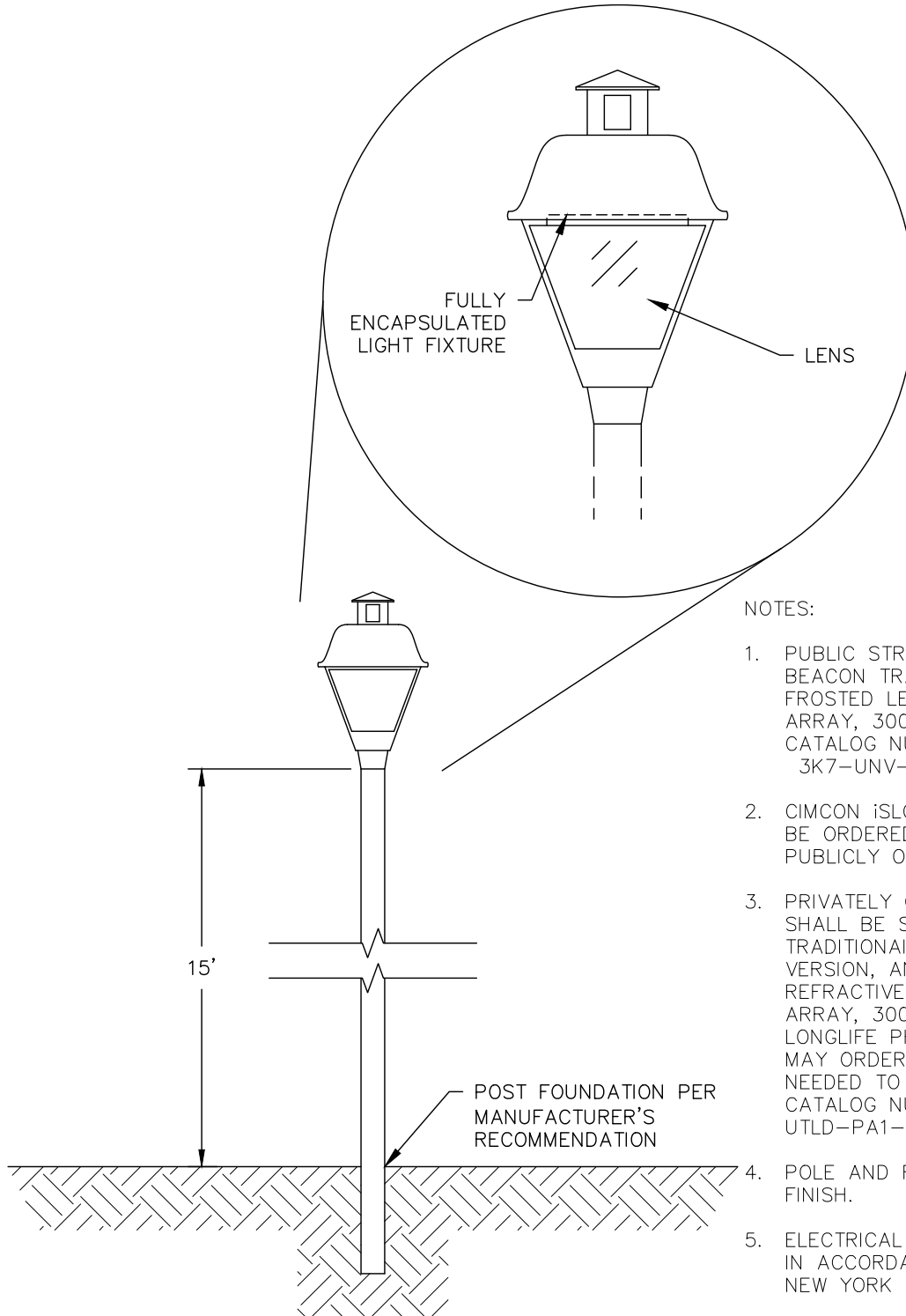
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 15.0**

DATE: 2024

SCALE: N.T.S.

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#### NOTES:

1. PUBLIC STREETLIGHT FIXTURE SHALL BE BEACON TRADITIONAL TRA30 WITH ACRYLIC FROSTED LENS PANELS, 55 WATT LED ARRAY, 3000K, POST TOP MOUNT. CATALOG NUMBER: TRA30-AF-24NB-55-3K7-UNV-DIR2-PT-BLT
2. CIMCON iSLC-3300 OR iSLC-3100-7P TO BE ORDERED SEPARATELY FOR EACH PUBLICLY OWNED LIGHT FIXTURE.
3. PRIVATELY OWNED STREETLIGHT FIXTURES SHALL BE STREETWORKS UTLD-PA TRADITIONAIRE LED DOWNLIGHT, OR LATEST VERSION, AND SHALL BE ORDERED WITH A REFRACTIVE LENS PANEL, 30 WATT LED ARRAY, 3000K, POST TOP MOUNT, AND LONGLIFE PHOTOCONTROL. DESIGN ENGINEER MAY ORDER A DIFFERENT DISTRIBUTION AS NEEDED TO MEET PROJECT NEEDS. CATALOG NUMBER: UTLD-PA1-30-730-U-T2U-A-BK-LLPC-PR
4. POLE AND FIXTURE SHALL HAVE A BLACK FINISH.
5. ELECTRICAL CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH TOWN CODE AND NEW YORK STATE ELECTRICAL CODE.
6. LIGHTS POLES IN NYS R.O.W. SHALL BE HAPCO RSS14B4-4, OR APPROVED EQUAL, WITH FHWA APPROVED BREAKAWAY BASE. SEE SHEETS H-15.3 & H-15.4.

## STREETLIGHT DETAIL



# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 15.1**

DATE: 2024

SCALE: N.T.S.

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## Traditional TRA30

30" TRADITIONAL LUMINAIRE

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

### ORDERING GUIDE

Example: TRA30-AC-24NB-55-3K7-UNV-PEC-PT-NF-BLT

CATALOG # TRA30 - AF - 24NB-55 - 3K7 - UNV - DIR2 - PT - BLT

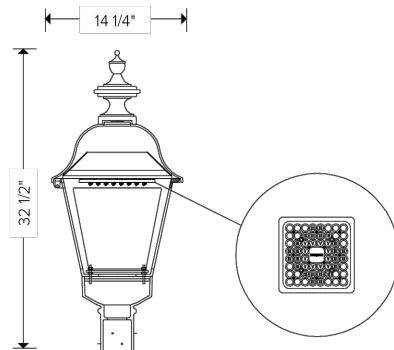
Series	Lens Finish	Engine Watts	CCT	Voltage	Optics
<b>TRA30</b> Traditional 30"	<b>AC</b> Acrylic, clear <b>AF</b> Acrylic, frosted <b>AS</b> Acrylic, seeded <b>AW</b> Acrylic, white <b>PC</b> Polycarbonate, clear <b>PF</b> Polycarbonate, frosted	<b>24NB-55</b> 55 Watts - LED array <b>36NB-80</b> 80 Watts - LED array <b>48NB-110</b> 110 Watts - LED array <b>60NB-136</b> 136 Watts - LED array	<b>3K7</b> 3000K <b>4K7</b> 4000K <b>5K7</b> 5000K	<b>UNV</b> 120-277V <b>347</b> 347V <b>480</b> 480V	<b>DIR2</b> Direct, type II <b>DIR3</b> Direct, type III <b>DIR4</b> Direct, type IV <b>DIR5</b> Direct, type V

Electrical Options	Control Options	Mounting Options	Styel Option	Control Options
<b>PEC</b> Photocell, button	<b>GENI-XX</b> Energeni <sup>1</sup>	<b>PT</b> Post top <b>PM</b> Pendant mount <sup>2</sup>	<b>NF</b> No fin	<b>BLT</b> Black Matte Textured <b>BLS</b> Black Gloss Smooth <b>DBT</b> Dark Bronze Matte Textured <b>DBS</b> Dark Bronze Gloss Smooth <b>GTT</b> Graphite Matte Textured <b>LGS</b> Light Grey Gloss Smooth <b>PSS</b> Platinum Silver Smooth <b>WHT</b> White Matte Textured <b>WHS</b> White Gloss Smooth <b>VGT</b> Verde Green Textured <b>Color Option</b> <b>CC</b> Custom Color

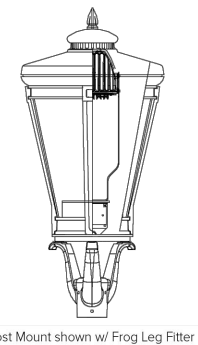
Notes:

- When ordering Energeni, specify the routine setting code (Example GENI-04). See Energeni brochure and Energeni Instructions for setting table and options. Not available with sensor options
- Consult Factory

### DIMENSIONS



### MOUNTING OPTIONS



### USE OF TRADEMARKS AND TRADE NAMES

All product and company names, logos and product identifies are trademarks <sup>™</sup> or registered trademarks <sup>®</sup> of Hubbell Lighting, Inc. or their respective owners. Use of them does not necessarily imply any affiliation with or endorsement by such respective owners.

# STREETLIGHT DETAIL PUBLICLY OWNED LIGHT

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 15.2**

DATE: 2024

SCALE: N.T.S.

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## Streetworks

## UTLD Traditionaire

### Ordering Information

UTLD-PA1-30-730-U-T2U-A-BK-LLPC-PR

Product Family <sup>1</sup>	Configuration	Wattage Bucket	Color Temperature	Voltage	Distribution	Lens	Finish
<b>UTLD</b> =Traditionaire LED Downlight <b>BAA-UTLD</b> =Traditionaire LED Downlight Buy American Act Compliant <sup>13</sup> <b>TAA-UTLD</b> =Traditionaire LED Downlight Trade Agreements Act Compliant <sup>13</sup>	<b>PA1</b> =Direct Mount Rectangle (24 LED)	<b>20</b> =20W <sup>2</sup> <b>30</b> =30W <sup>2</sup> <b>40</b> =40W <sup>2</sup> <b>50</b> =50W <sup>2</sup> <b>60</b> =60W <sup>2</sup> <b>70</b> =70W <sup>2</sup> <b>80</b> =80W <sup>2</sup> <b>90</b> =90W <sup>2</sup> <b>100</b> =100W <sup>2</sup>	<b>740</b> =70CRI, 4000K <b>727</b> =70CRI, 2700K <sup>4</sup> <b>827</b> =80CRI, 2700K <sup>4</sup> <b>730</b> =70CRI, 3000K <sup>4</sup> <b>750</b> =70CRI, 5000K <sup>4</sup> <b>AMB</b> =Amber 590nm <sup>16</sup>	<b>U</b> =Universal (120-277V) <b>2</b> =120V <sup>4,5</sup> <b>4</b> =480V <sup>4,5</sup> <b>5</b> =347V <sup>5</sup>	<b>T2U</b> =Type II Urban <b>T3</b> =Type III <b>T4W</b> =Type IV Wide <b>SWQ</b> =Type V Square Wide <b>SL3</b> =Type III w/ Spill Control	<b>[Blank]</b> =Open (No Lens) <b>A</b> =Refractive Lens Panels <sup>8</sup> <b>CL</b> =Clear Lens Panel <sup>8</sup> <b>FP</b> =Frosted Lens Panel <sup>8</sup> <b>TL</b> =Textured Lens Panel <sup>8</sup>	<b>BK</b> =Black <b>AP</b> =Grey <b>BZ</b> =Bronze <b>WH</b> =White
Options (Add as Suffix)			Controls		Accessories (Order Separately) <sup>14</sup>		
<b>10K</b> =Series 10kV UL 1449 Surge Protective Device <b>20K</b> =Series 20kV UL 1449 Surge Protective Device <b>20KI</b> =Series 20kV UL 1449 Surge Protective Device with light indicator <b>20MSP</b> =Parallel 20kV MOV Surge Protective Device <b>10MSP</b> =10kV MOV Surge Protective Device <b>HA</b> =50°C High Ambient Temperature <sup>9</sup> <b>W</b> =20 #10 Input Leads <b>S</b> =Snap Latches for Tool-less Light Replacement <b>J</b> =Factory Installed Ladder Rest <b>BC</b> =Bird Cone <sup>9</sup> <b>HSS</b> =Factory Install UTLD House Side Shield <sup>9*</sup> <b>TC</b> =Tall Cupola <sup>11</sup> <b>PSC</b> =Photocontrol Shorting Cap <b>NPC</b> =NEMA Photocontrol - Multi-Tap <b>LLPC</b> =Longlife Photocontrol Included <b>CC</b> =Coastal construction finish <sup>12</sup>			<b>SLTD</b> =DALI <sup>7</sup> <b>PR</b> =NEMA Photocontrol Receptacle <sup>7</sup> <b>PR7</b> =NEMA 7-PIN Twistlock Photocontrol Receptacle		<b>TA1BK</b> =Decorative Ladder Rest for Field Installation (Black) <b>OA/RA1013</b> =Photocontrol Shorting Cap <b>OA/RA1014</b> =NEMA Photocontrol - 120V <b>OA/RA1016</b> =NEMA Photocontrol - Multi-Tap <b>OA/RA1027</b> =NEMA Photocontrol - 480V <b>OA/RA1201</b> =NEMA Photocontrol - 347V <b>OA1223</b> =10kV Surge Module Replacement <b>HS-UTLD-24</b> =Field installed UTLD House Side Shield for PA1 <sup>10</sup> <b>VGS-ARCH</b> =Short Vertical Drop Shield <b>VGL-ARCH</b> =Long Vertical Drop Shield		

**NOTES:**

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
- PA1-20 only available in 120V.
- Only available in universal voltage. Consult your lighting representative at Cooper Lighting Solutions if custom programming is required. Not available with PA1-90, PA1-100. Consult your lighting representative at Cooper Lighting Solutions if greater than PA1-80 (83W) is needed.
- Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
- Not available with SLTD driver.
- Use dedicated IES files for when performing layouts. These files are published on the UTLD Traditionaire product page on the website.
- If "PR" selected, dimming functionality not available, dimming leads will be capped.
- Not available with HSS or SLTD driver.
- Lens panel and birdcone cannot be ordered together.
- HSS not available with SWQ distribution.
- Use tall cupola to accommodate network control solutions requiring the 7-pin receptacle
- Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654.
- Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
- Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
- Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Exact luminaire wattage available in IES files. Available with 5WQ, 5Mq, SL2, SL3 and SL4 distributions. Can be used with HSS option.

### Product Specifications

#### Construction

- Hinged (stainless steel hinge pins) die-cast aluminum housing and cover with cupola.
- 3G vibration tested to ensure strength of construction and longevity in application.

#### Optics

- Choice of five patented, high-efficiency AccuLED Optic technology manufactured from injection-molded acrylic.
- Optics are precisely designed to shape the light output, maximizing efficiency and application spacing.
- AccuLED Optic technology creates consistent distributions with the scalability to meet customized application requirements.
- Optional 2700K, 3000K, 4000K and 5000K CCT. For the ultimate level of spill light control, an optional house-side shield accessory can be field, or factory installed.
- Optics are IP66 enclosure rated.
- Offered open sided as a standard with four lens options.

#### Electrical

- LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life.
- Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation, greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments.
- Surge protection options: 10kV/10kA common - and differential - mode surge protection. Optional 20kV (light indicator optional), 10kV MOV, and 20kV MOV surge protection devices.

#### Mounting

- Self-aligning pole-top fitter for 3" O.D. pole tops or vertical tenons.
- Square headed 1-1/4" polymer coated mounting bolts with a lock nut.

#### Finish

- Cast components finished in a super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear.
- Optional colors include bronze, grey and white. RAL and custom color matches available.

#### Shipping Data

- Approximate Net Weight: 37 lbs. (17 kgs.)
- Effective Projected Area: 2.3 (Sq. Ft.)

#### Typical Applications

- Outdoor, Parking Lots, Walkways, Roadways, Building Areas

#### Warranty

- Standard five-year warranty.
- Optional ten-year warranty, please see your Cooper Lighting Solutions Streetworks sales representative for more information.

# TOWN OF FARMINGTON

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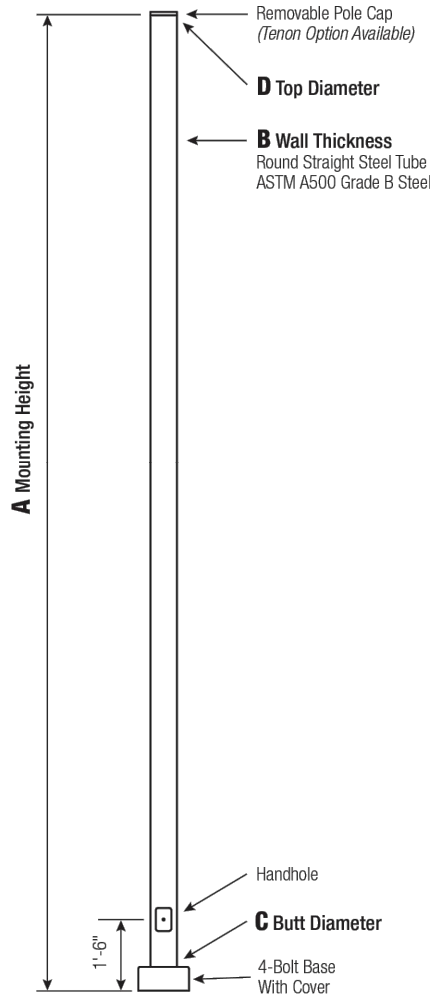
APPENDIX: **H - 15.3**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

## RSS Round Straight Steel Pole No Arm — 4-Bolt Base



Powder Coated, Galvanized or Powder Coated over Galvanized Finish Per Customer Specification.

C BUTT DIA.	D TOP DIA.	F BOLT CIR. DIA.	G BASE SQ.	H BOLT PROJ.	I BOLT SIZE
3	3	7.5-8.5	8	3.75	.75 x 17 x 3
4	4	7.5-8.5	8	3.75	.75 x 17 x 3
4.5	4.5	7.5-8.5	8	3.75	.75 x 17 x 3
5 (11 Gauge)	5	7.5-8.5	8	3.75	.75 x 17 x 3
5 (7 Gauge)	5	8-9	8.75	4.875	1 x 36 x 4

Dimensions in Inches

### Pole

Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B. Options include 11 gauge and 7 gauge. All welds shall conform to AWS D1.1 using ER70S-6 electrodes.

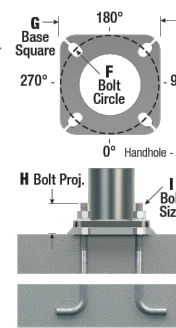
### Base Style

4-Bolt Steel Base Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent (36 ksi minimum yield) with 2-piece Base Cover and attaching hardware.



### Anchorage

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A paper bolt circle template will be provided.



### Handhole

**3" Butt Diameter -**  
Reinforced, 2" x 4" Handhole with cover and stainless steel screws. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.

**4"+ Butt Diameters -**  
Reinforced, 3" x 5" Handhole with cover, stainless steel screw and backbar. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.



### Base Cover

Round ABS plastic Base Covers are standard in all 11 Gauge RSS poles specified in powder coat finishes BA-Black, BM-Dark Bronze and BH-White.

Square metal powder coated Base Covers are standard in all 11 Gauge RSS poles that are specified in colors other than BA, BM, and BH and in all 7 Gauge poles in ALL COLORS. Custom specification of RSS Square Metal style Base Covers in BA, BM and BH powder coated finishes is available.



### Vibration Damper

If determined necessary by Hapco, or if specified by the customer, a first and/or second mode vibration damper will be provided.

**WARNING:** Do not install light pole without luminaire.

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
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APPENDIX: **H - 15.4**

DATE: 2024

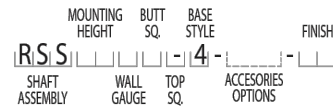
SCALE: N.T.S.

**MRB** | group

A MTG. HGT.	B WALL GAUGE	C BUTT DIA.	TOTAL LUM. WEIGHT	MAXIMUM EPA							CATALOG NUMBER
				90	100	110	120	130	140		
8	11	3	525	10.1	8.0	7.4	6.1	5.0	4.2	RSS08B3-4-**-	
8	11	4	600	21.4	17.1	15.9	13.1	11.0	9.4	RSS08B4-4-**-	
10	11	3	435	8.1	6.3	5.8	4.7	3.8	3.1	RSS10B3-4-**-	
10	11	4	600	16.7	13.2	12.2	10.0	8.3	7.0	RSS10B4-4-**-	
10	11	4.5	600	22.4	17.8	16.5	13.6	11.5	9.9	RSS10B4-4-**-	
12	11	3	370	6.4	4.9	4.5	3.5	2.8	2.2	RSS12B3-4-**-	
12	11	4	600	13.2	10.3	9.5	7.7	6.3	5.2	RSS12B4-4-**-	
12	11	4.5	600	18.1	14.2	13.1	10.7	9.0	7.7	RSS12B4-4-**-	
14	11	3	315	5.1	3.8	3.4	2.6	1.9	1.4	RSS14B3-4-**-	
14	11	4	550	10.7	8.3	7.6	6.0	4.7	3.9	RSS14B4-4-**-	
14	11	4.5	600	14.7	11.4	10.5	8.4	7.0	6.0	RSS14B4-4-**-	
16	11	3	275	3.9	2.8	2.5	1.8	1.2	0.7	RSS16B3-4-**-	
16	11	4	470	8.8	6.6	6.0	4.6	3.5	2.8	RSS16B4-4-**-	
16	11	4.5	595	11.9	9.0	8.2	6.5	5.4	4.5	RSS16B4-4-**-	
18	11	3	245	2.9	1.9	1.6	1.0	-	-	RSS18B3-4-**-	
18	11	4	400	7.1	5.2	4.6	3.4	2.5	1.9	RSS18B4-4-**-	
18	11	4.5	505	9.7	7.2	6.5	5.0	4.1	3.4	RSS18B4-4-**-	
20	11	3	225	2.0	1.1	0.9	-	-	-	RSS20B3-4-**-	
20	11	4	340	5.6	3.9	3.5	2.4	1.5	1.1	RSS20B4-4-**-	
20	11	4.5	430	7.9	5.7	5.1	3.7	3.0	2.4	RSS20B4-4-**-	
20	11	5	540	10.5	7.7	7.1	5.7	4.7	3.9	RSS20B5-4-**-	
20	7	5	600	17.7	13.5	12.5	10.3	8.6	7.3	RSS20D5-4-**-	
22	11	4.5	370	6.3	4.4	3.8	2.6	2.0	1.6	RSS22B4-4-**-	
22	11	5	460	8.6	6.1	5.6	4.5	3.6	3.0	RSS22B5-4-**-	
22	7	5	600	13.4	9.9	9.2	7.5	6.2	5.1	RSS22D5-4-**-	
25	11	4	240	2.8	1.5	1.1	-	-	-	RSS25B4-4-**-	
25	11	4.5	290	4.4	2.7	2.2	1.2	0.8	-	RSS25B4-4-**-	
25	11	5	365	6.2	4.1	3.7	2.8	2.2	1.7	RSS25B5-4-**-	
25	7	5	565	11.1	8.0	7.4	5.9	4.8	4.0	RSS25D5-4-**-	
30	11	4.5	205	1.7	-	-	-	-	-	RSS30B4-4-**-	
30	11	5	245	3.1	1.3	1.1	0.6	-	-	RSS30B5-4-**-	
30	7	5	395	7.0	4.5	4.0	3.1	2.4	1.8	RSS30D5-4-**-	
35	7	5	270	3.8	1.7	1.4	0.8	-	-	RSS35D5-4-**-	

### Catalog Number System

The catalog number for Hapco poles utilizes the following identification system.



### Catalog Number Example -

#### RSS 20 B 4 - 4 - BH

Round Straight Steel, 20' Mounting Height, 11 Gauge, 4" Butt Diameter, No Taper, 4-Bolt Base, White Powder Coat Finish.

### EPA Notes:

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25-year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

### Mounting Options

#### Side Drill Mount

Includes removable pole cap.  
NOTE: A luminaire drilling template must be supplied at time of order.

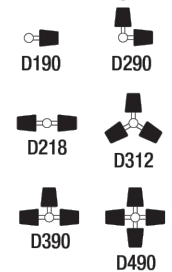


#### Tenon Mount

For Tenon Mount applications specify both Tenon diameter and length.



### Drill Mount Options

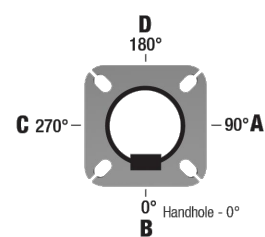


### Electrical Box



Note: GFI Options must be specified in Accessories.  
Note: Not Available in 3" Diameter.

### Pole Orientation



RSS	HEIGHT	GAUGE	BUTT DIA.	TOP DIA.	BASE STYLE	MOUNTING OPTIONS	ELECTRICAL BOX*	ACCESSORIES/OPTIONS*	FINISH
		8 = 8' 10 = 10' 12 = 12' 14 = 14' 16 = 16' 18 = 18' 20 = 20' 22 = 22' 25 = 25' 30 = 30' 35 = 35'	B = 11 Gauge D = 7 Gauge	3 = 3" 4 = 4" G = 4.5" 5 = 5"	"-." = No Taper	4 = 4-Bolt Base	<b>DRILL MOUNT</b> D000 - No Drilling D190 - Std. "A" D290 - Std. "A" & "D" D218 - Std. "A" & "C" D390 - Std. "A", "D", & "C" D490 - Std. "A", "B", "C", & "D" DCUS - Custom** <b>TENON</b> T204 - 2-3/8" O.D. x 4" T304 - 2-7/8" O.D. x 4" T356 - 3-1/2" O.D. x 6" T406 - 4" O.D. x 6" TCUS - Custom Tenon**	FA - 30" Up, "D" FB - 30" Up, "B" FC - 30" Up, "A" FD - 30" Up, "C" FE - 36" Up, "D" FF - 36" Up, "B" FG - 36" Up, "A" FH - 36" Up, "C" FI - 24" Up, "D" FK - 24" Up, "A" FL - 24" Up, "C" FZ - Custom**	C12 - Threaded 1/2" Coupling** C34 - Threaded 3/4" Coupling** C10 - Threaded 1" Coupling** EHH - Extra Handhole** GF1 - Duplex GFI Receptacle (WR) with Cover GF2 - Duplex GFI (WR) with In-Use Cover LAB - Less Anchor Bolts LPC - Less Pole Cap PAB - Pre-shipped Anchor Bolts VD2 - Vib. Damper - 2nd Mode

\* GFI Receptacle Options Available (Specify in Accessories)  
\*\* Specify Height and Orientation

\* Add all that apply (Example: CPL-LAB-VD1)  
\*\* Specify Location

\* Provide RAL # or Sample Color Chip

## STREETLIGHT DETAIL BREAKAWAY LIGHT POLE (2 OF 2)

RSS- ROUND STRAIGHT STEEL POLE

No ARM

4-BOLT BASE

5

# TOWN OF FARMINGTON

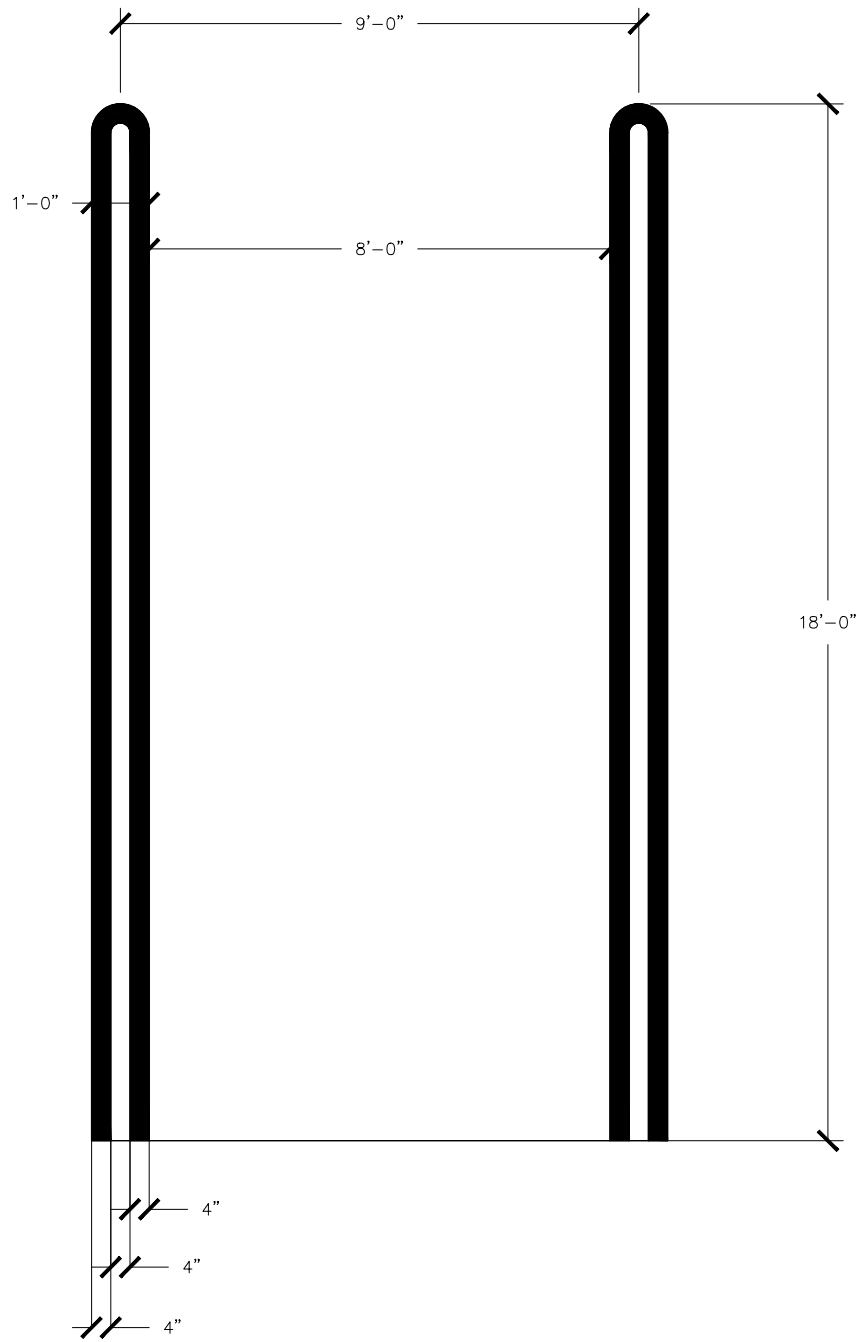
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **H - 16.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*



PARKING LOT DOUBLE STRIPE

# TOWN OF FARMINGTON

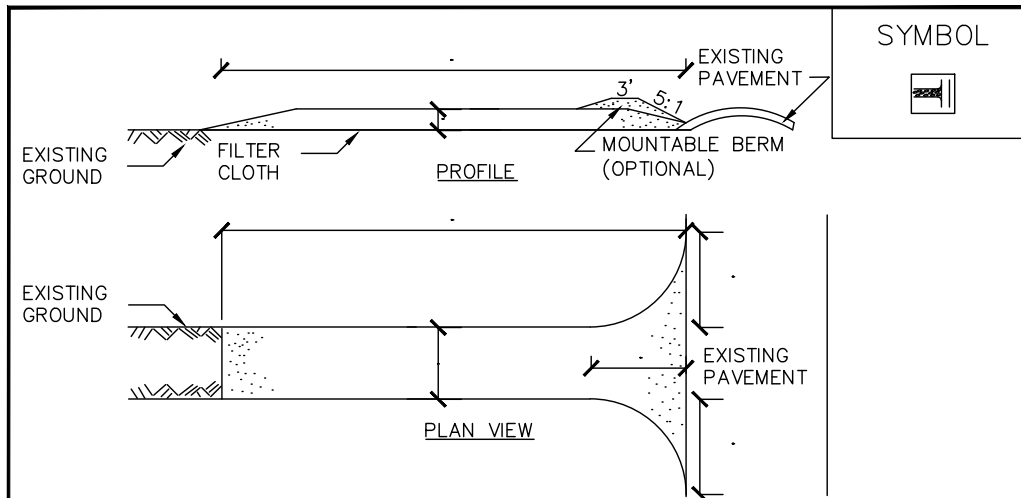
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APPENDIX: **H - 17.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## CONSTRUCTION SPECIFICATIONS

1. STONE SIZE – USE 1–4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY–FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS–OF–WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

ADAPTED FROM DETAILS PROVIDED BY: USDA – NRCS,  
NEW YORK STATE DEPARTMENT OF TRANSPORTATION,  
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION,  
NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

STABILIZED  
CONSTRUCTION  
ACCESS

## STABILIZED CONSTRUCTION ENTRANCE

# TOWN OF FARMINGTON

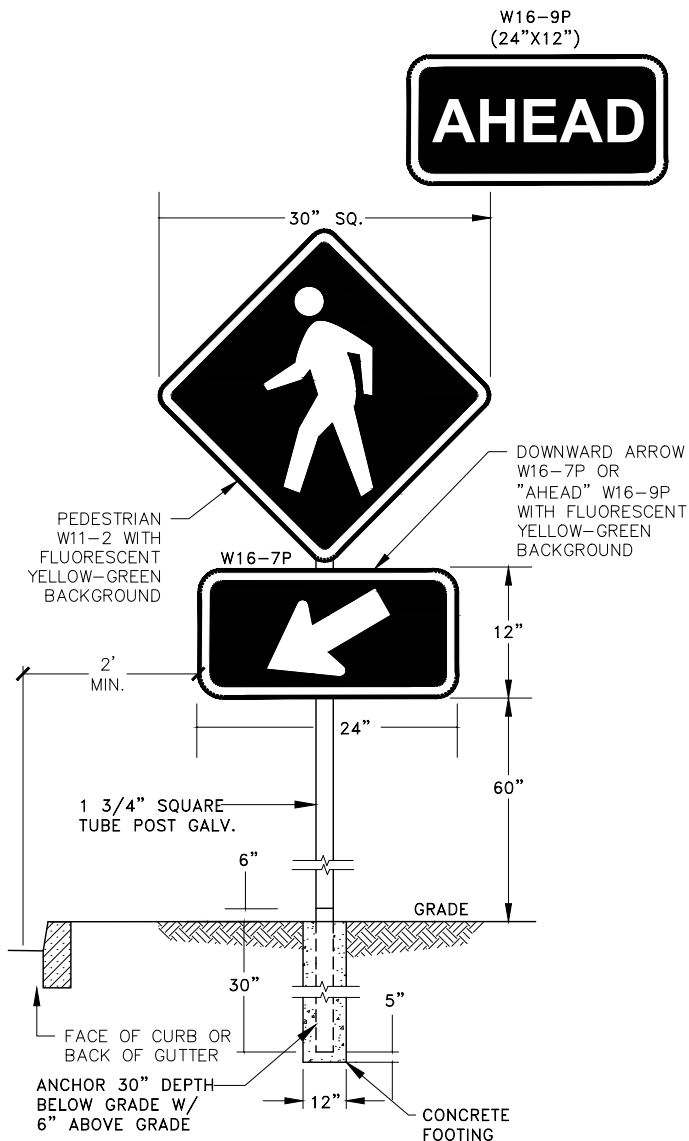
1000 County Road #8  
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APPENDIX: **H - 18.0**

DATE: 2024

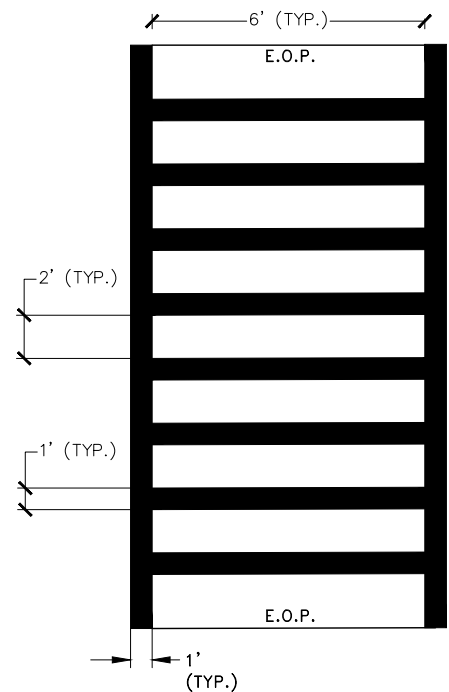
SCALE: N.T.S.

**MRB** | group



**PEDESTRIAN CROSSING SIGN**

N.T.S.



**CROSSWALK DETAIL**

N.T.S.

## CROSSWALK DETAIL

# TOWN OF FARMINGTON

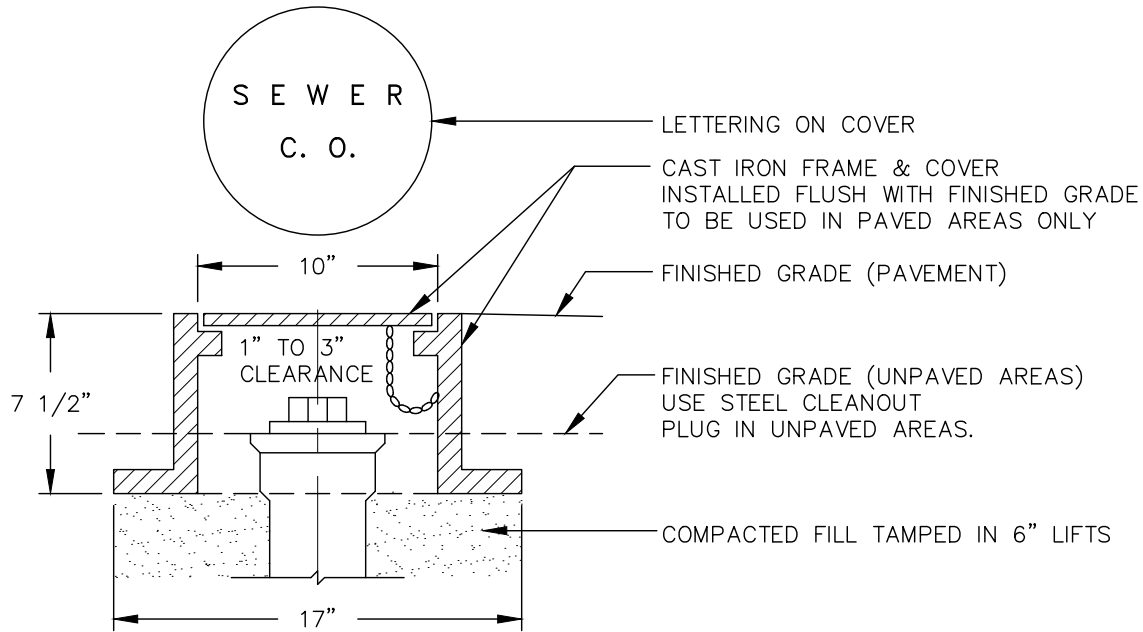
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 1.0**

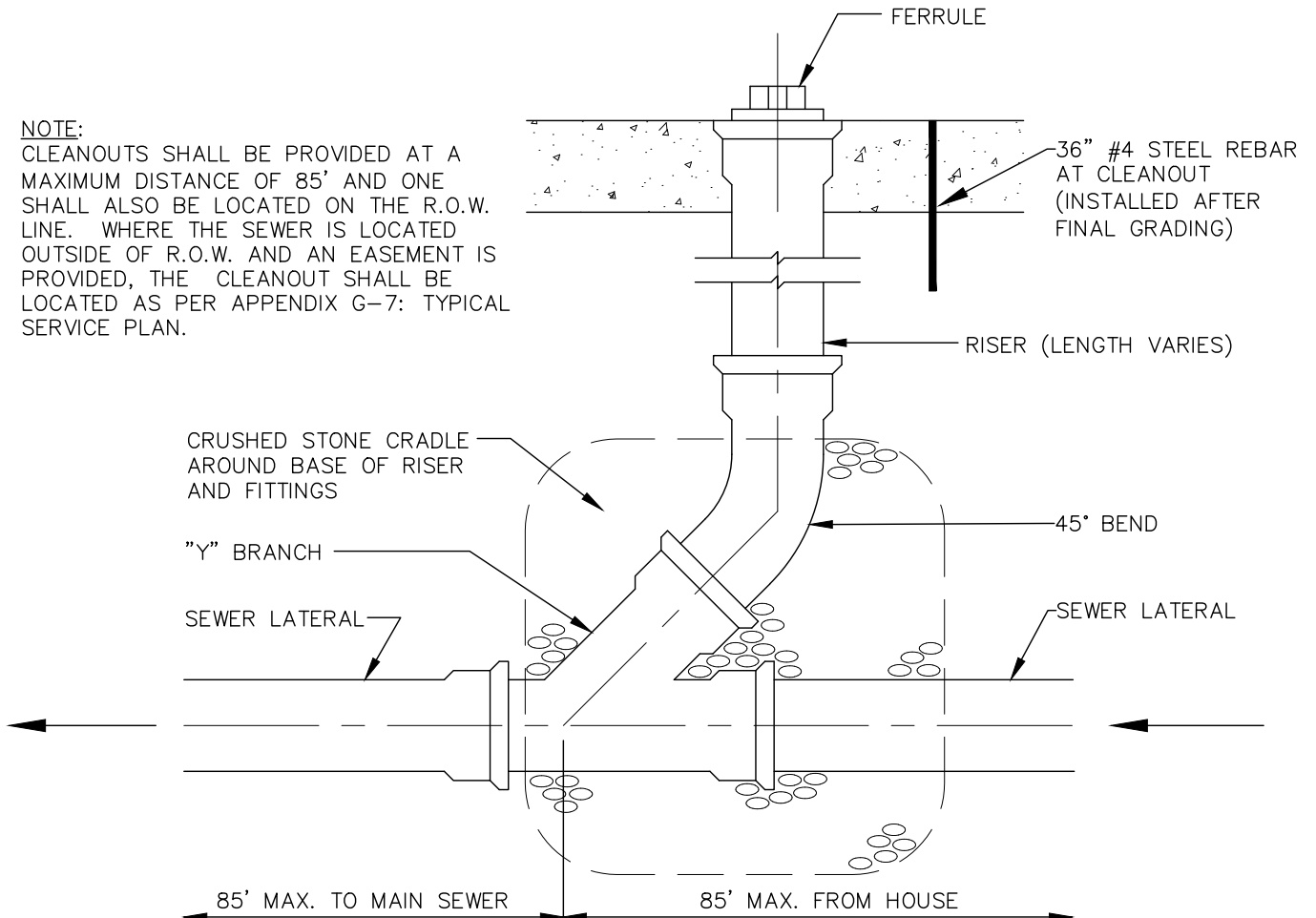
DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTE:**  
CLEANOUTS SHALL BE PROVIDED AT A MAXIMUM DISTANCE OF 85' AND ONE SHALL ALSO BE LOCATED ON THE R.O.W. LINE. WHERE THE SEWER IS LOCATED OUTSIDE OF R.O.W. AND AN EASEMENT IS PROVIDED, THE CLEANOUT SHALL BE LOCATED AS PER APPENDIX G-7: TYPICAL SERVICE PLAN.



## SANITARY SEWER CLEANOUT DETAIL



# TOWN OF FARMINGTON

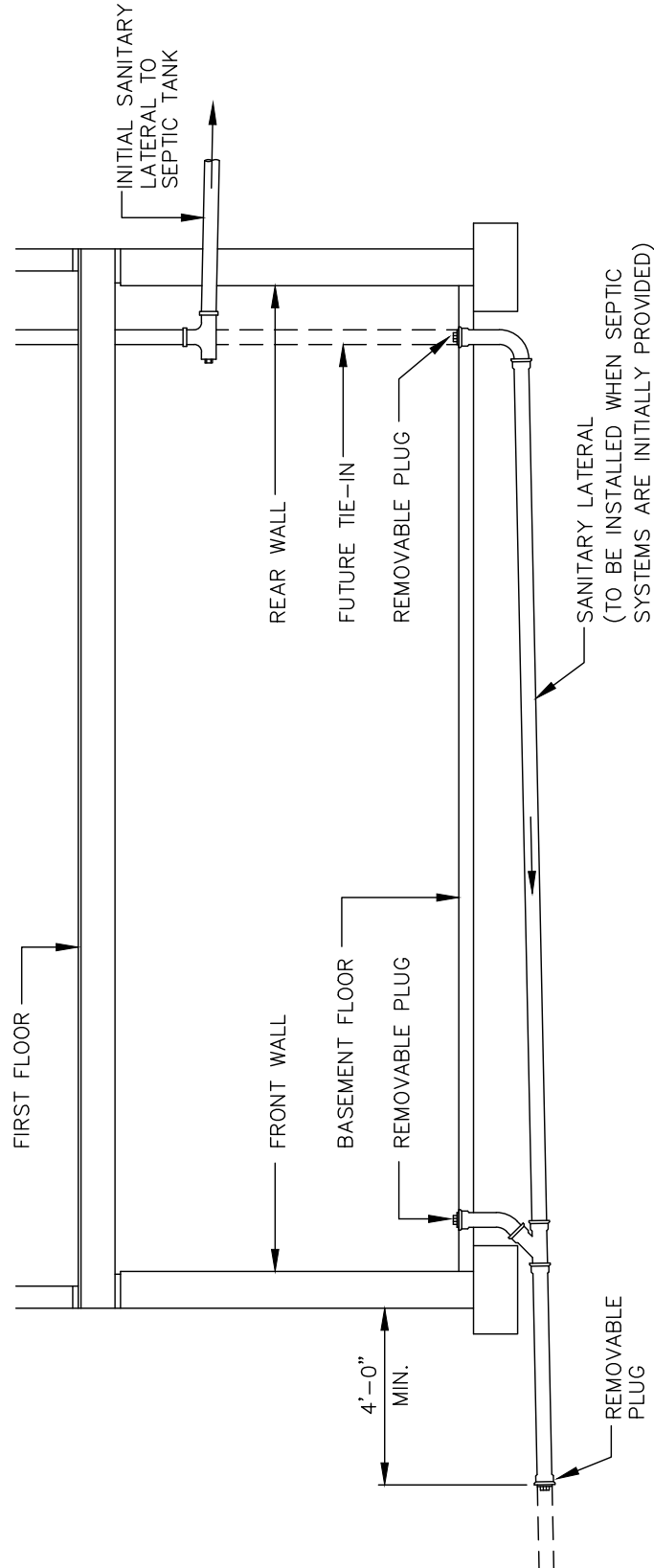
1000 County Road #8  
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APPENDIX: **S - 2.0**

DATE: 2024

SCALE: N.T.S.

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**FUTURE SANITARY CONNECTION**

# TOWN OF FARMINGTON

1000 County Road #8  
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(315) 986-8100

APPENDIX: **S - 3.0**

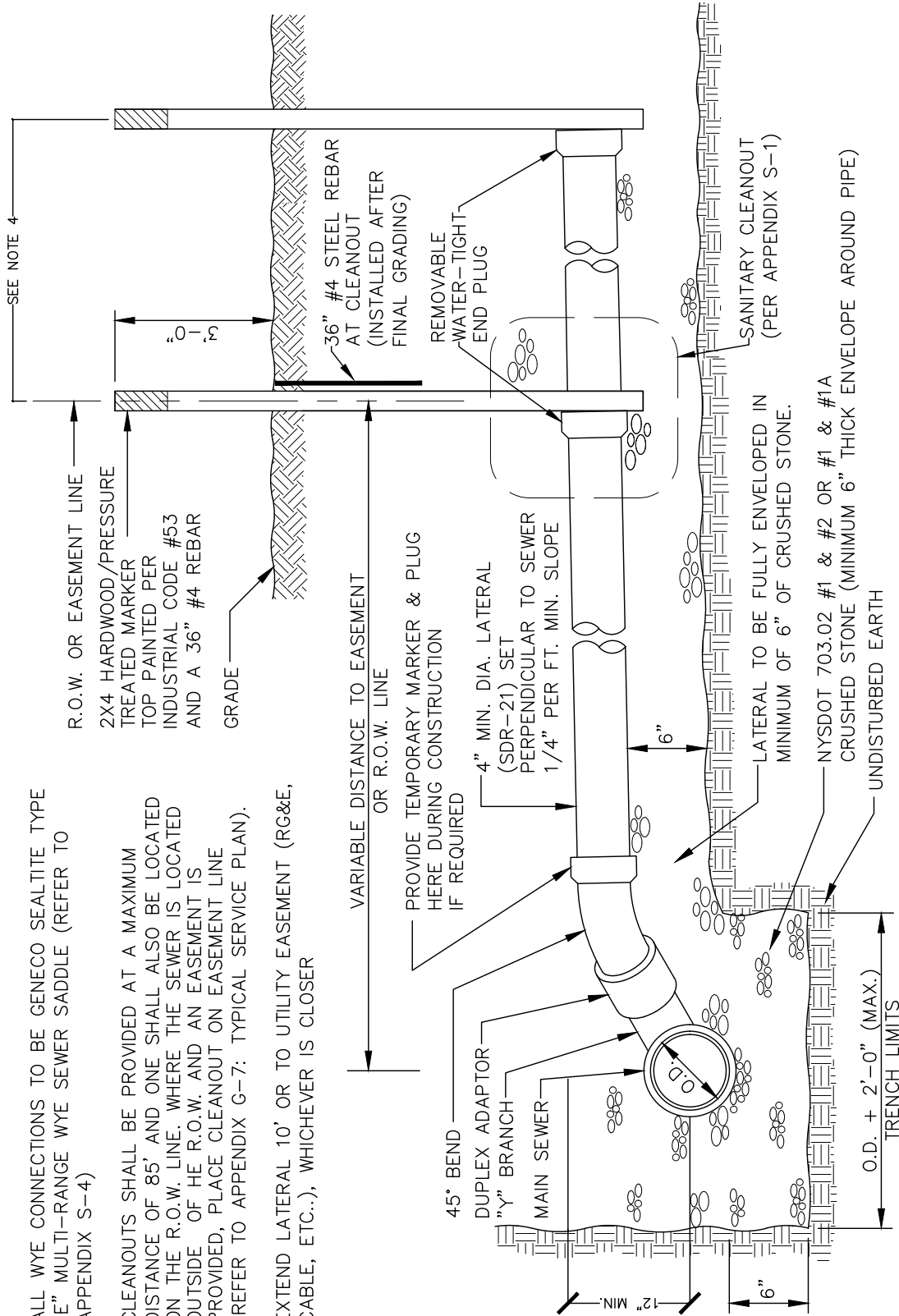
DATE: 2024

SCALE: N.T.S.

**MRB** | group

**NOTES:**

- 1.) ALL LATERAL PIPING TO BE SDR-21
- 2.) ALL WYE CONNECTIONS TO BE GENECO SEALTITE TYPE "E" MULTI-RANGE WYE SEWER SADDLE (REFER TO APPENDIX S-4)
- 3.) CLEANOUTS SHALL BE PROVIDED AT A MAXIMUM DISTANCE OF 85' AND ONE SHALL ALSO BE LOCATED ON THE R.O.W. LINE. WHERE THE SEWER IS LOCATED OUTSIDE OF THE R.O.W. AND AN EASEMENT IS PROVIDED, PLACE CLEANOUT ON EASEMENT LINE (REFER TO APPENDIX G-7: TYPICAL SERVICE PLAN).
- 4.) EXTEND LATERAL 10' OR TO UTILITY EASEMENT (RG&E, CABLE, ETC.), WHICHEVER IS CLOSER



**SANITARY LATERAL DETAIL**

# TOWN OF FARMINGTON

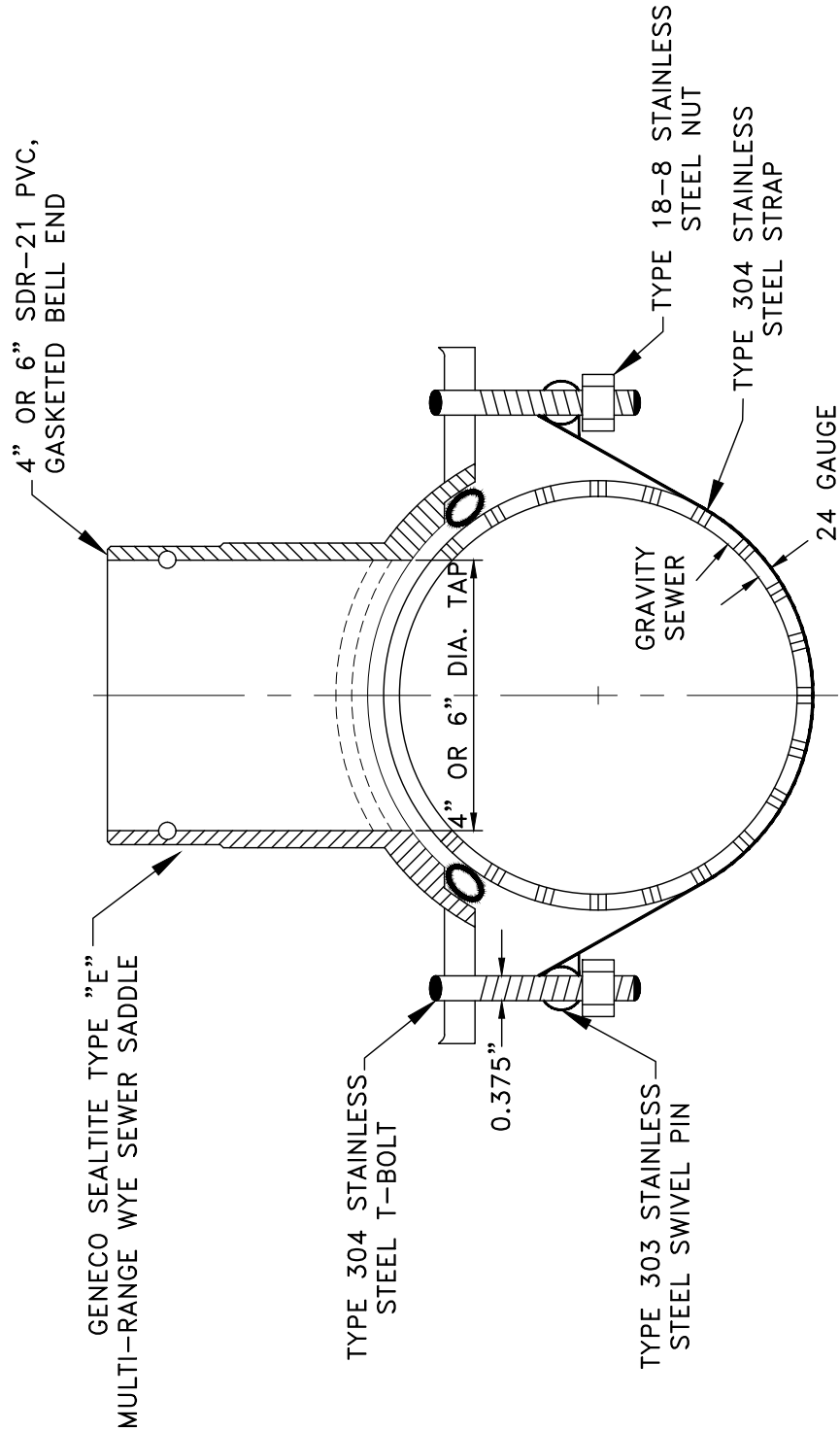
1000 County Road #8  
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APPENDIX: **S - 4.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**WYE LATERAL CONNECTION TO SEWER MAIN**

# TOWN OF FARMINGTON

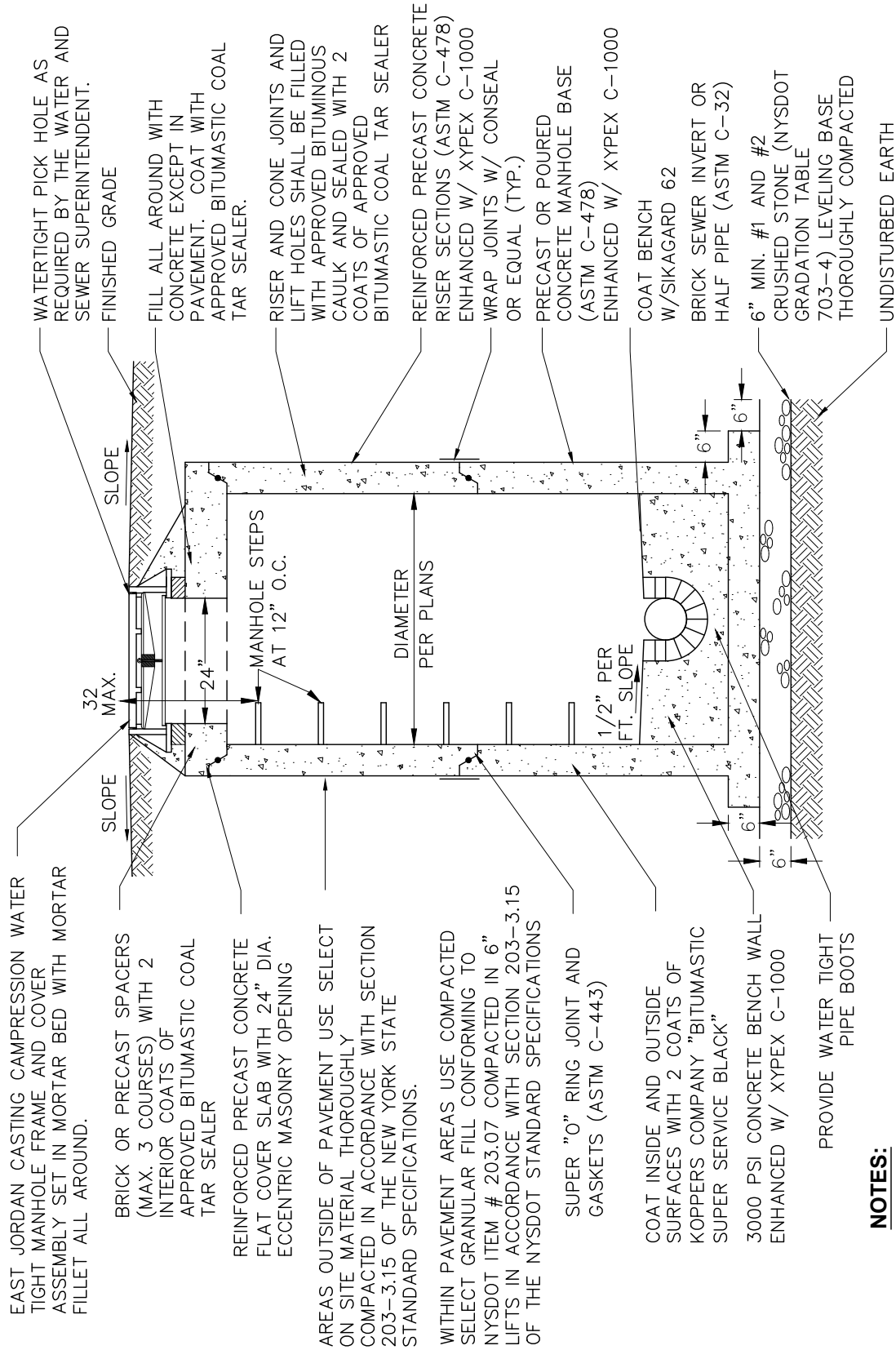
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 5.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

- APPLY EPOXY IN VICINITY OF ANY FORCEMAIN CONNECTION
- STEP ALIGNMENT LESS THAN 1" (VERTICAL) ALIGNMENT TOLERANCE

**SHALLOW SANITARY SEWER MANHOLE**  
(LESS THAN 8' DEEP)

# TOWN OF FARMINGTON

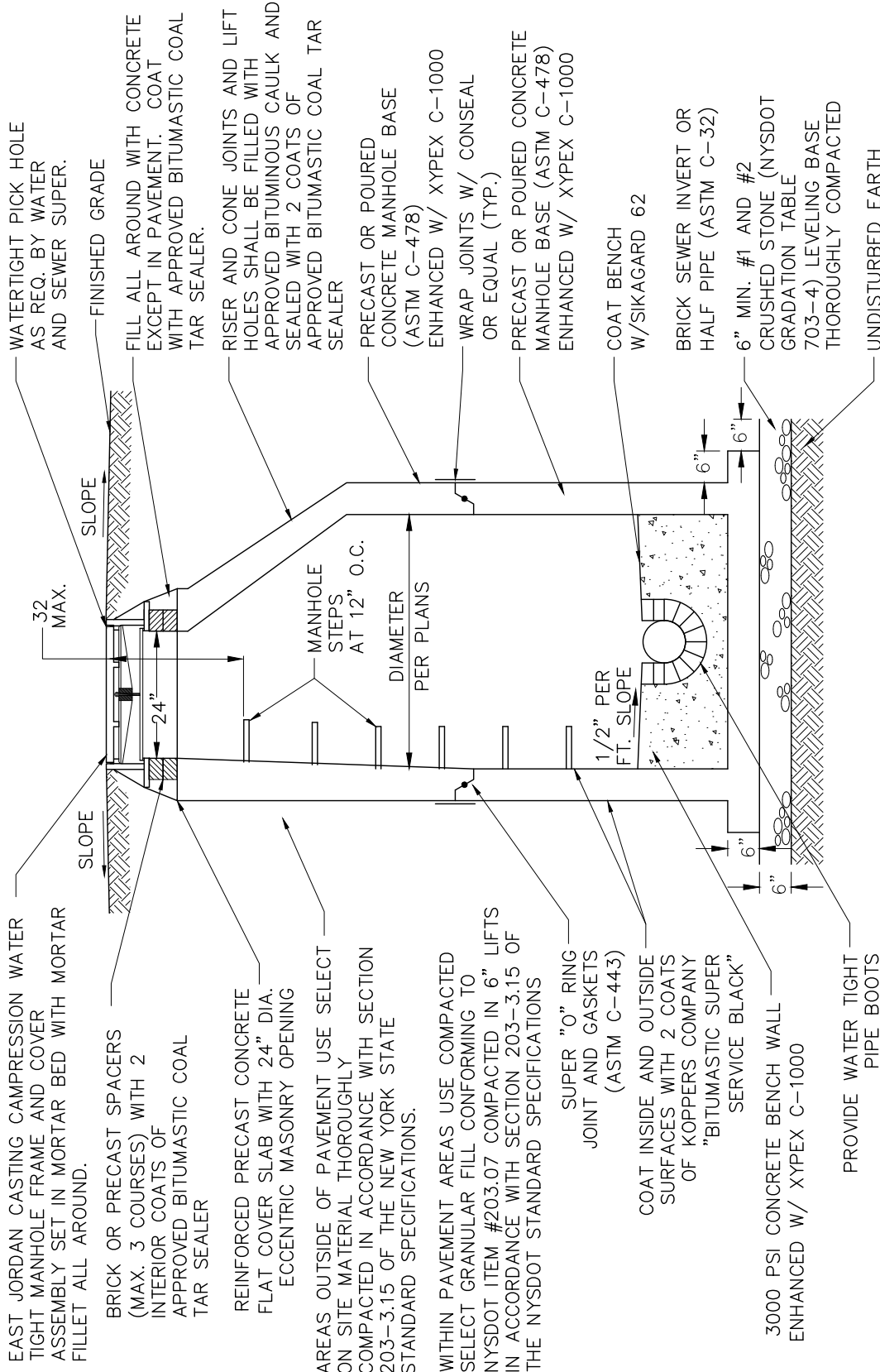
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Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 5.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

- ECCENTRIC CONE RISER SECTIONS CAN BE USED WHEN MANHOLE DEPTH IS GREATER THAN EIGHT (8) FEET
- APPLY EPOXY IN VICINITY OF ANY FORCEMAIN CONNECTION
- STEP ALIGNMENT LESS THAN 1" (VERTICAL) ALIGNMENT TOLERANCE
- SAFETY PLATFORM REQUIRED WHEN MANHOLE DEPTH IS OVER 14'

**DEEP SANITARY SEWER MANHOLE**  
(GREATER THAN 8' DEEP)

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 5.2**

DATE: 2024

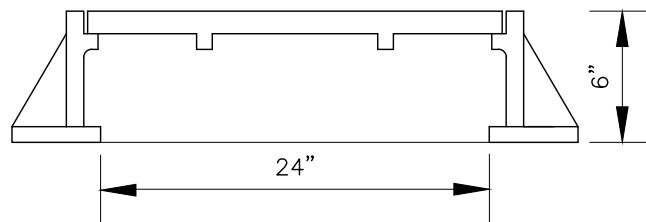
SCALE: N.T.S.

**MRB** | *group*



THE WORD "SANITARY" IN LETTERS NOT LESS THAN TWO (2) INCHES HIGH SHALL BE STAMPED OR CAST INTO ALL SANITARY MANHOLE COVERS AS TO BE PLAINLY VISIBLE

EJ 24" CAMPRESSION SET CAST IRON MANHOLE FRAME AND COVER SET IN MORTOR BED WITH MORTOR FILLET ALL AROUND.



**SANITARY SEWER MANHOLE  
FRAME AND COVER DETAIL**

# TOWN OF FARMINGTON

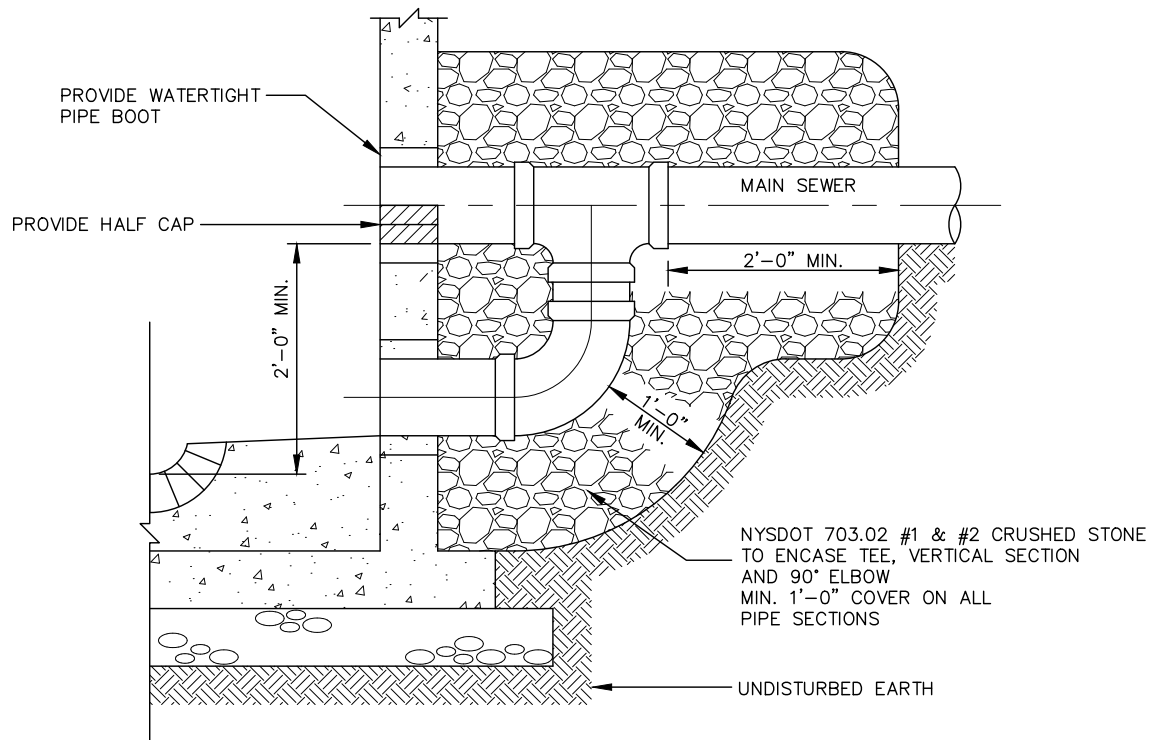
1000 County Road #8  
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APPENDIX: **S - 6.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTE:**

1. SEWER MAIN, TEE AND DROP PIPE SHALL ALL BE THE SAME SIZE.
2. SEE SANITARY SEWER MANHOLE DETAIL FOR ALL OTHER CONSTRUCTION FEATURES NOT SHOWN.

**SANITARY SEWER OUTSIDE DROP CONNECTION**

# TOWN OF FARMINGTON

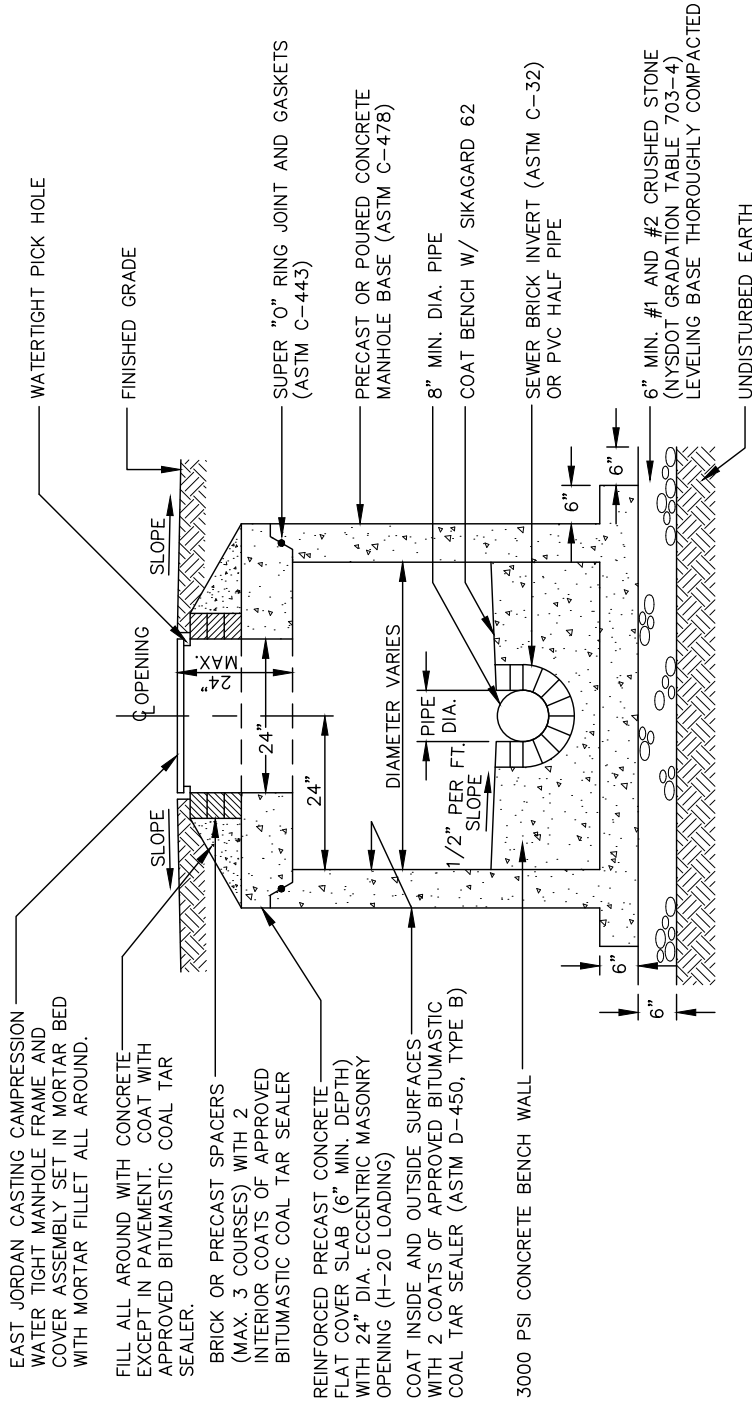
1000 County Road #8  
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(315) 986-8100

APPENDIX: **S - 7.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

1. RISER AND COVER SLAB JOINTS AND LIFT HOLES SHALL BE FILLED WITH APPROVED BITUMINOUS CAULK AND SEALED WITH 2 COATS OF APPROVED BITUMASTIC COAL TAR SEALER.
2. BACKFILL SHALL BE SELECT MATERIAL (NYS DOT SPEC. 230-2.02) IF OUTSIDE PAVEMENT. IF IN PAVEMENT, BACKFILL SHALL BE CRUSHER RUN STONE (NYS DOT SPEC. 304-2.02, TYPE 2)

## SHALLOW SANITARY SEWER MANHOLE (LESS THAN 4' DEEP)



# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 8.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

## GENERAL

All testing of gravity sewers shall be completed under the observation of the Town, or representative of the Town. The Contractor shall furnish all labor and testing equipment including hoses, pumps, plugs, temporary connections, gauges, etc. necessary to perform the required tests. Water for cleaning and testing shall be furnished by the Contractor through a metered connection as shown in Appendix W.

## CLEANING

Each section of gravity sewer shall be flushed to remove all silt, sand, gravel and other debris prior to testing. If any sections of pipe cannot be flushed clean, mechanical methods shall be used to dislodge any deposits in the pipe.

## TESTING GRAVITY SEWERS

I. Air testing may be the method used for the final acceptance of each section of gravity sewer unless otherwise designated by the Town. Gravity sewers shall be tested in sections not exceeding 1,000 feet in length. Any section of gravity sewer which does not give satisfactory test results must be replaced and retested until a satisfactory test is completed. Any section containing sanitary laterals must be televised. Provide all lateral locations and supply televised footage and logs to the town (CD, flash drive, etc.).

### a. Air Test

Low pressure air test may be used to test a section of sewer pipe or locate areas requiring replacement. The following procedures shall be used for low pressure air test.

1. The test shall be conducted between two (2) consecutive manholes.
2. The test section of the sewer line shall be plugged at each end. One of the plugs used at the manhole must be tapped and equipped for the air inlet connection for filling the line from the air compressor.
3. All service laterals, stubs and fittings into the sewer test section shall be properly capped or plugged and carefully braced against the internal pressure to prevent air leakage by slippage and blowouts.

## CLEANING AND TESTING OF SANITARY SEWERS

(GENERAL / CLEANING / TESTING)

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 8.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

4. Supply air to the test section slowly, filling the pipe line until a constant pressure of 4.0 PSIG is maintained. The air pressure shall be regulated to prevent the pressure inside the pipe from exceeding 5.0 PSIG.
5. When constant pressure of 4.0 PSIG is reached, throttle the air supply to maintain the internal pressure above 3.5 PSIG for at least five (5) minutes. This time permits the temperature of the entering air to equalize with the temperature of the pipe wall.
6. After the stabilization period, the air pressure shall be adjusted to 4.0 PSIG and the air supply disconnected. At 4.0 PSIG commence timing with a stop watch which is allowed to run until the line pressure drops to 3.5 PSIG at which time the stop watch shall be stopped. The time required for a pressure loss of 0.5 PSIG shall be compared to the following chart.

Any time which is less than shown in the following table shall be cause for rejection:

### TIME REQUIREMENTS FOR AIR TESTING

PIPE SIZE	TIME	
(Inches)	(Minutes)	(Seconds)
4	2	32
6	3	50
8	5	6
10	6	22
12	7	39
14	8	56
15	9	35
16	10	12
18	11	34
20	12	45
21	13	30

For larger diameter pipe: Minimum time in seconds =  
462 x pipe diameter in feet

## CLEANING AND TESTING OF SANITARY SEWERS (TIME REQUIREMENTS)

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 8.2**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

7. An air pressure correction shall be required when the prevailing ground water is above the sewer line being tested. Under this condition, the air test pressure shall be increased to 0.433 PSIG for each foot the ground water level is above the invert of the pipe.

b. Water Tests

Leakage or infiltration shall not exceed 100 gallons per inch diameter per mile per day for any section tested. Leakage tests shall be conducted with a positive head of 10 ft. over the pipe invert for a period of 24 hours.

II. Manholes

Each manhole shall be subjected to an infiltration or exfiltration test as determined by the Town.

- a. Water Testing – Each manhole shall be filled with a maximum of 10 feet of water, subjected to a 24 hour test and show a loss of water not to exceed 15 gallons/24 hours for a 4 foot IDMH. Infiltration tests shall adhere to the same limits.
- b. Vacuum Testing – Each manhole shall be subjected to a vacuum of 10 inches of Hg for one minute with an allowable loss of 1 inch of Hg.

FORCEMAIN TESTING

Sanitary Sewer Forcemains shall be tested at 100 psig for a duration of one hour. Allowable leakage shall be as follows:

<u>Pipe Size</u>	<u>Allowable Leakage (gal/hr/100' of pipe)</u>
4"	.030
6"	.045

**CLEANING AND TESTING OF SANITARY SEWERS**  
**(FORCEMAIN TESTING)**

# TOWN OF FARMINGTON

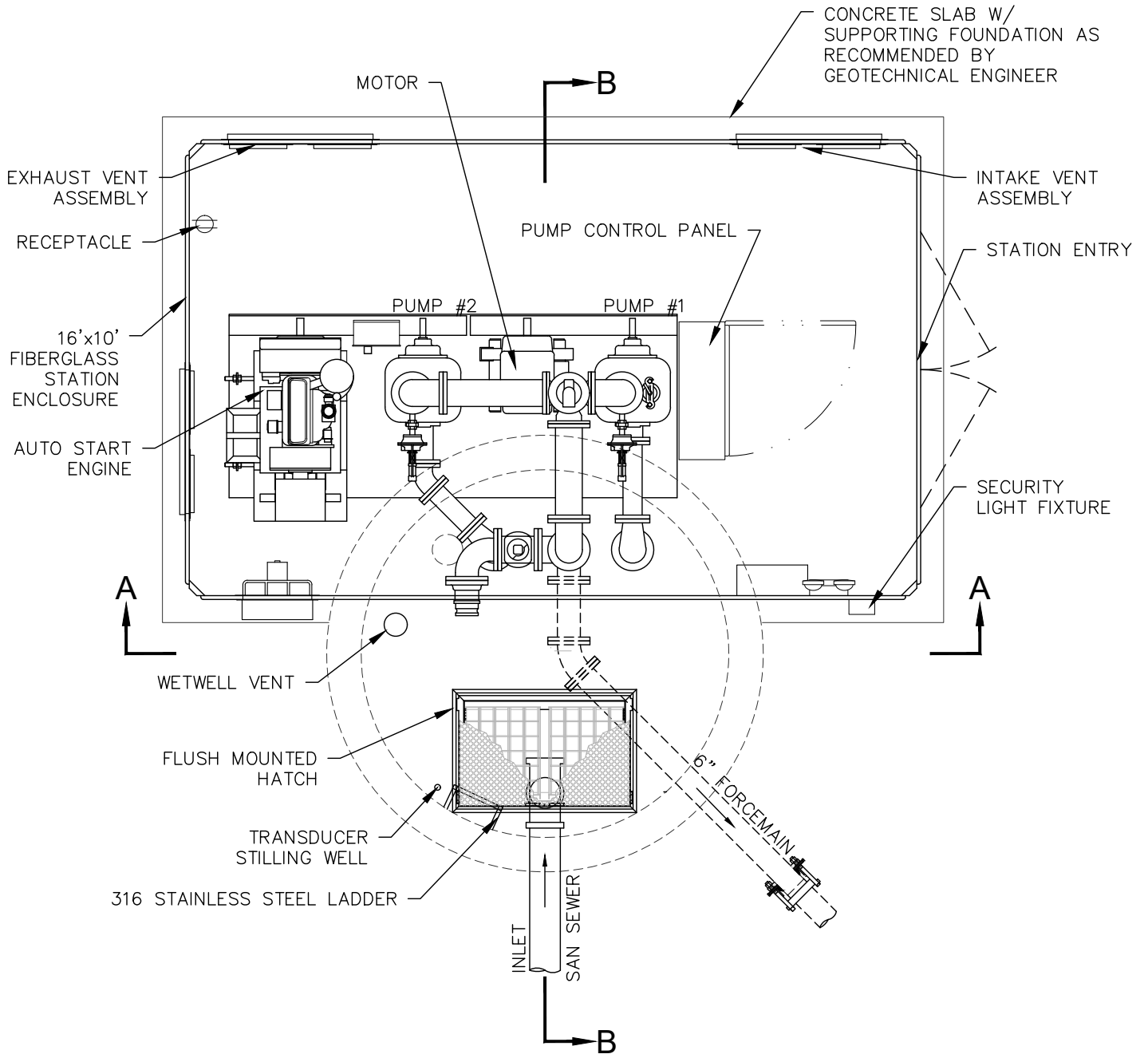
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 9.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## HIGH FLOW PUMP STATION

(>100 GPM)

# TOWN OF FARMINGTON

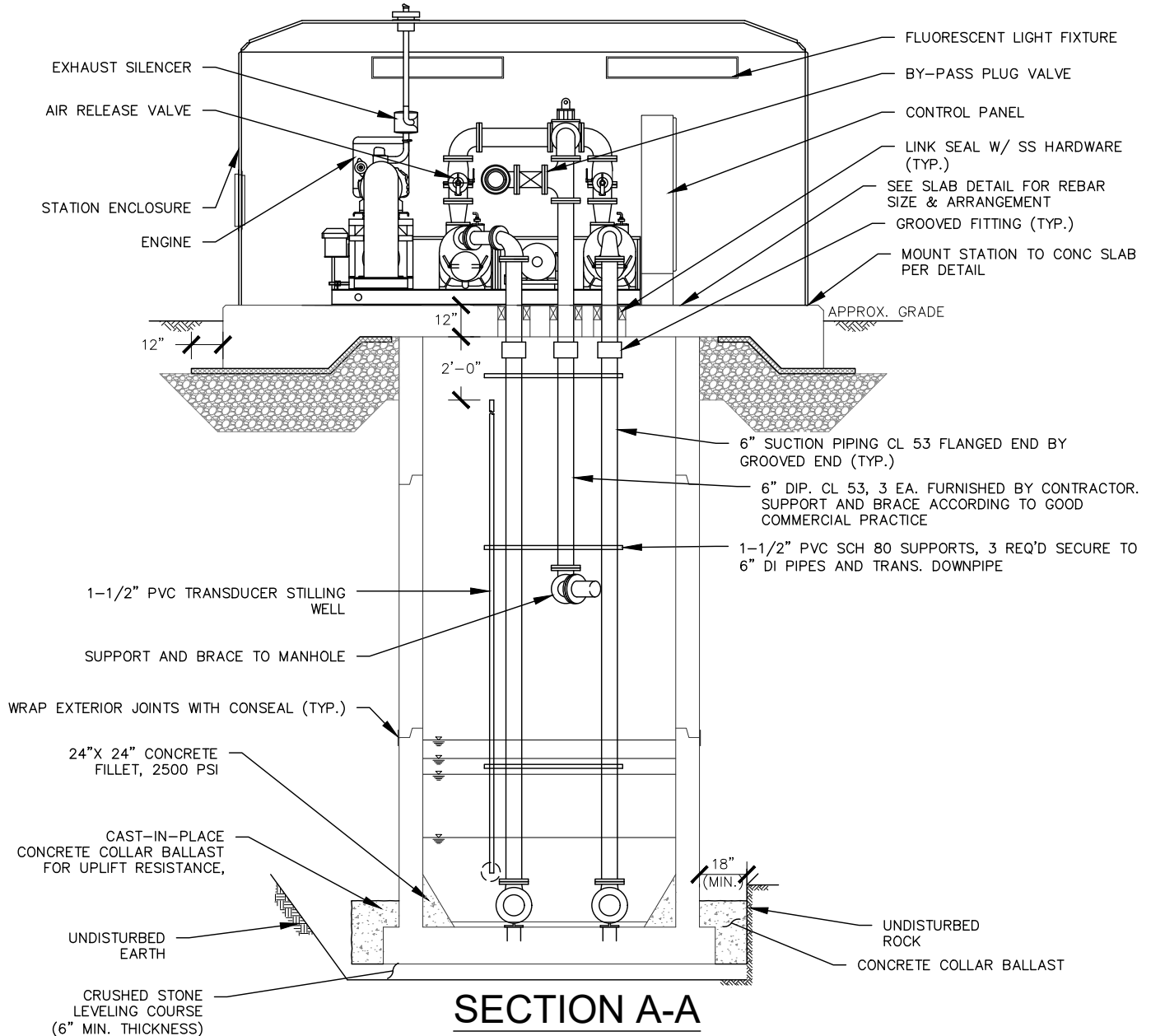
1000 County Road #8  
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(315) 986-8100

APPENDIX: **S - 9.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## SECTION A-A

\*DIP IN THE WETWELL SHALL BE PAINTED AS FOLLOWS:

- SHOP PRIME W/ TNE MEC SERIES 1 (2.5 - 3.5 mils)
- FIELD PREP & REPRIME AS NEEDED
- 2 COATS OF TNE MEC SERIES 446 (7.0 - 10.0 mils DFT EACH)

### NOTES:

1. WETWELL TO BE INSTALLED IN CONFORMANCE W/ DETAIL FOR STANDARD SANITARY MANHOLE.
2. ALL HARDWARE, SUPPORTS, & BRACKETS INSTALLED WITHIN THE WETWELL SHALL BE 304 SS. DISSIMILAR METALS SHALL BE ISOLATED USING NYLON WASHERS.
3. PROVIDE REDUNDANT LEVEL FLOATS FOR ALL SPECIFIED OPERATION POINTS.
4. FLOATS TO BE INSTALLED W/ RETRIEVABLE NON-METALLIC CHAIN & WEIGHT SYSTEM.
5. ALL DIP INSTALLED WITHIN THE WETWELL SHALL BE CL 53 DIP.

## HIGH FLOW PUMP STATION (SECTION)

# TOWN OF FARMINGTON

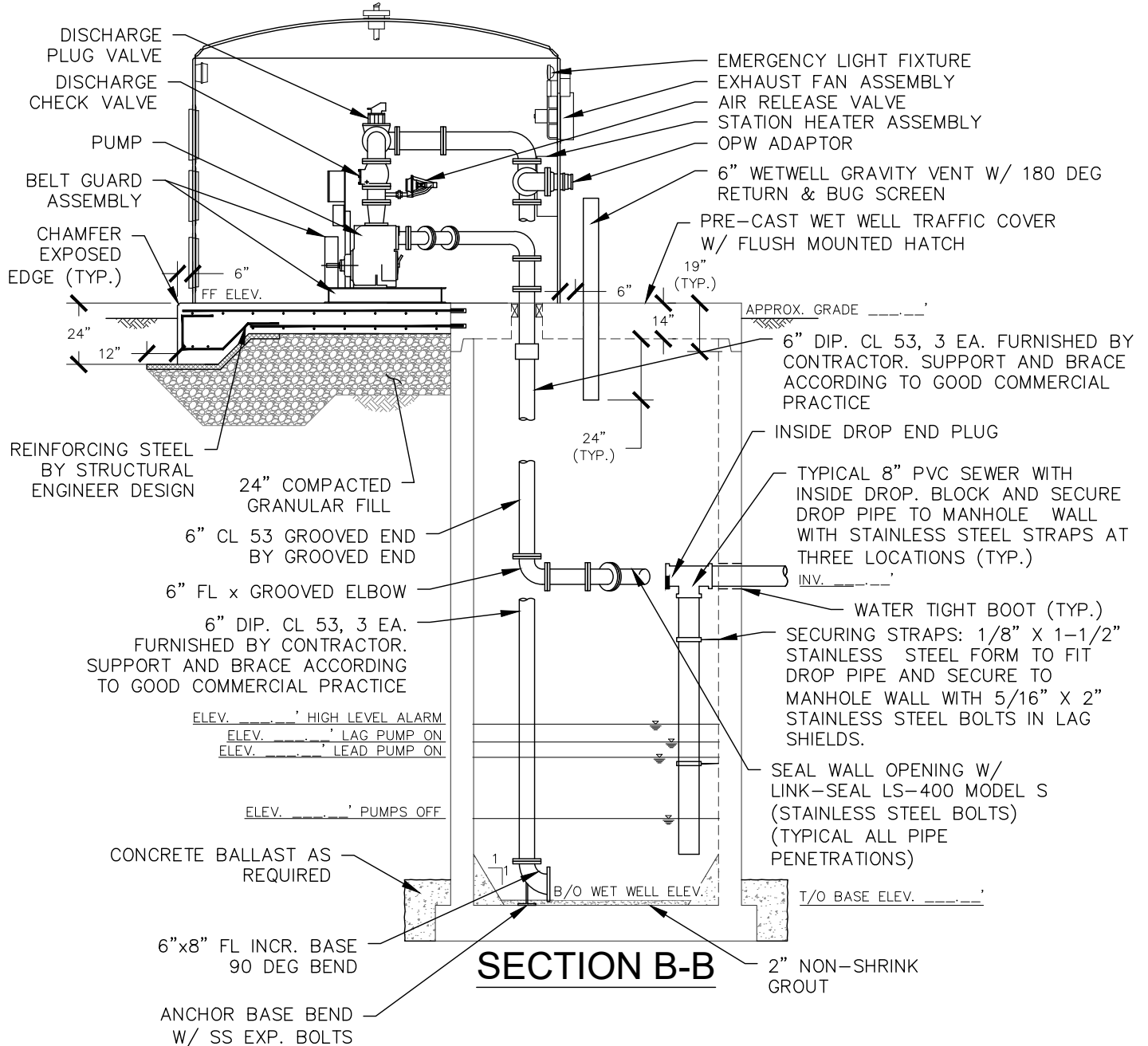
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(315) 986-8100

APPENDIX: **S - 9.2**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**HIGH FLOW PUMP STATION**  
(SECTION)

# TOWN OF FARMINGTON

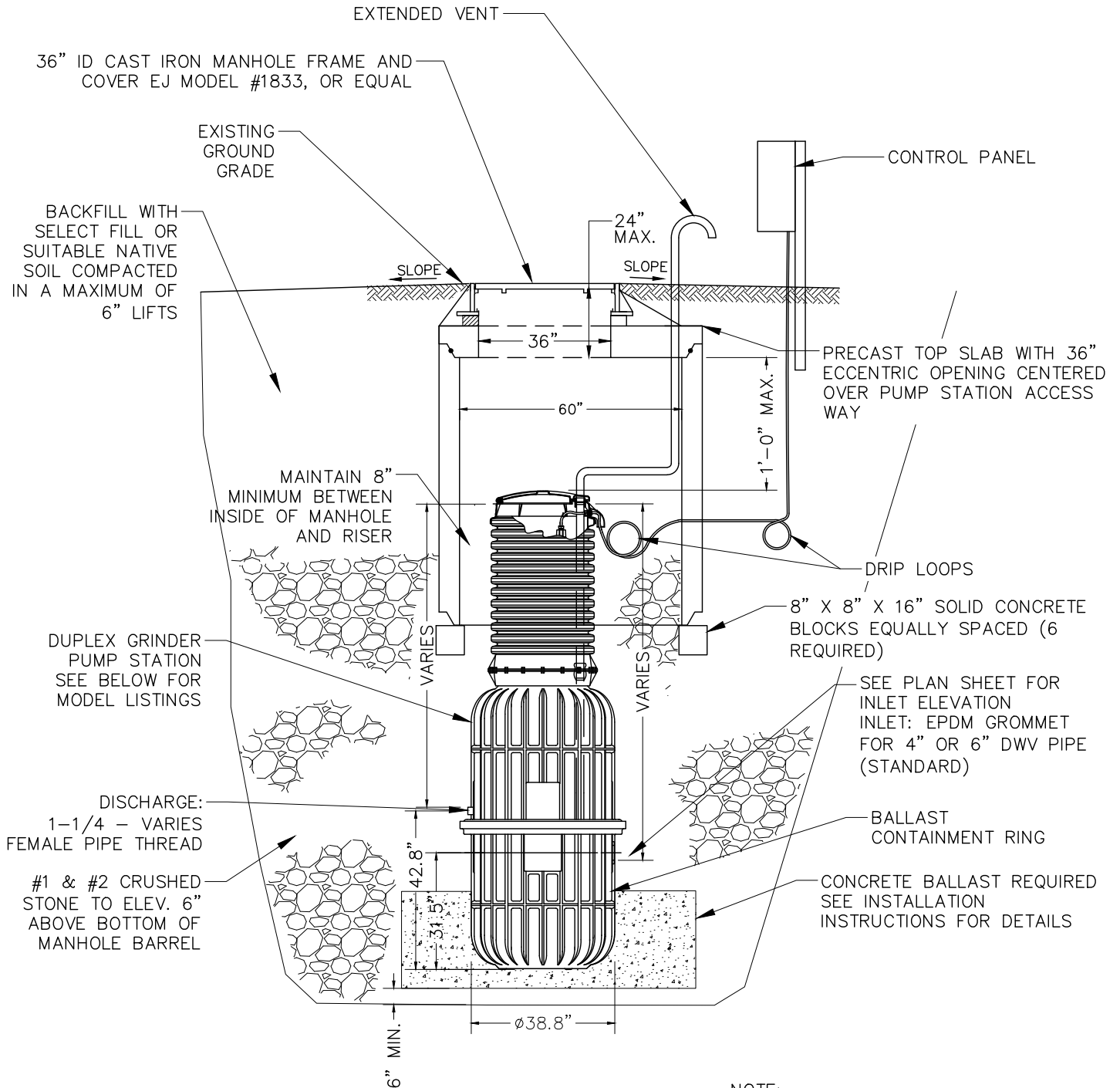
1000 County Road #8  
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APPENDIX: **S - 10.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



NOTE:  
PROVIDE COMBINATION DOUBLE CHECK  
VALVE / ISOLATION VALVE ON  
DISCHARGE

DUPLEX GRINDER PUMP STATION MODELS:  
DH152/DR152 FOR 3000 GPD  
DH272/DR272 FOR 5000 GPD  
DH502/DR502 FOR 6000 GPD

## LOW FLOW PUMP STATION (<100 GPM)

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 11.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

## THE FOLLOWING ARE REQUIREMENTS FOR PUMP STATIONS:

THIS PAGE IS TO BE ADDED TO THE MAP INCLUDING THE CONTROL PANEL AND PUMP STATION

1. 10x16 ABOVE GROUND SEWAGE LIFT STATION BY THE GORMAN-RUPP COMPANY (MODEL No. REQUIRED). EXAMPLE: MODEL T4A71S-B 5 HP MOTORS.
2. STAINLESS STEEL CONTROL PANEL IN CONFORMANCE OF APPLICABLE SECTION OF NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) STANDARDS FOR TYPE 4 ELECTRICAL ENCLOSURES FOR INCOMING POWER, MOTOR, AND LIQUID CONTROLS, AS REQUIRED BY TOWN DEPARTMENT.
3. THE CONTROLLER TO BE ALLEN-BRADLEY MICROLOGIX SYSTEM EQUIPPED WITH A MODEL LRP CPU WITH 14K MEMORY, AND A CONFIGURABLE PORT WHICH IS RESERVED FOR FUTURE CUSTOMER USE INCLUDING THE LIQUID LEVEL CONTROL SENSORS PER TOWN OF FARMINGTON SEWER DEPARTMENT SPECIFICATION.
4. THE SYSTEM SHALL HAVE THE FOLLOWING MONITORING CAPABILITIES:
  - a. WELL LEVEL
  - b. WELL LEVEL HIGH AND LOW ALARMS
  - c. AC POWER FAILURE
  - d. WELL DRAW DOWN RATE (USING WEB BASED RATE OF CHANGE SET POINTS)
  - e. PUMP 1 & 2 CURRENT DRAW (WITH SENSE TOROID OPTION)
  - f. PUMP 1 & 2 ON/OFF CYCLES
  - g. PUMP 1 & 2 RUN TIME
  - h. PUMP 1 & 2 FAILURE
  - i. PUMP 1 & 2 ON/OFF AUTOMATIC PUMP CONTROL FROM WELL(S) LEVEL(S)
  - j. RAINFALL (IF CONNECTED TO AN EXTERNAL RAIN GAUGE)
  - k. TIME STAMPS OF WHEN RAIN EVENTS OCCURRED
  - l. ALARM NOTIFICATION VIA E-MAIL, PAGER, TEXT, VOICE ALERTS
  - m. HISTORICAL LOG SHOWING ALL ALARM HISTORY AND CONTINUOUS WATER LEVEL – UP TO THREE YEARS DATA ON-LINE.

## PUMP STATION NOTES AND REQUIREMENTS



# TOWN OF FARMINGTON

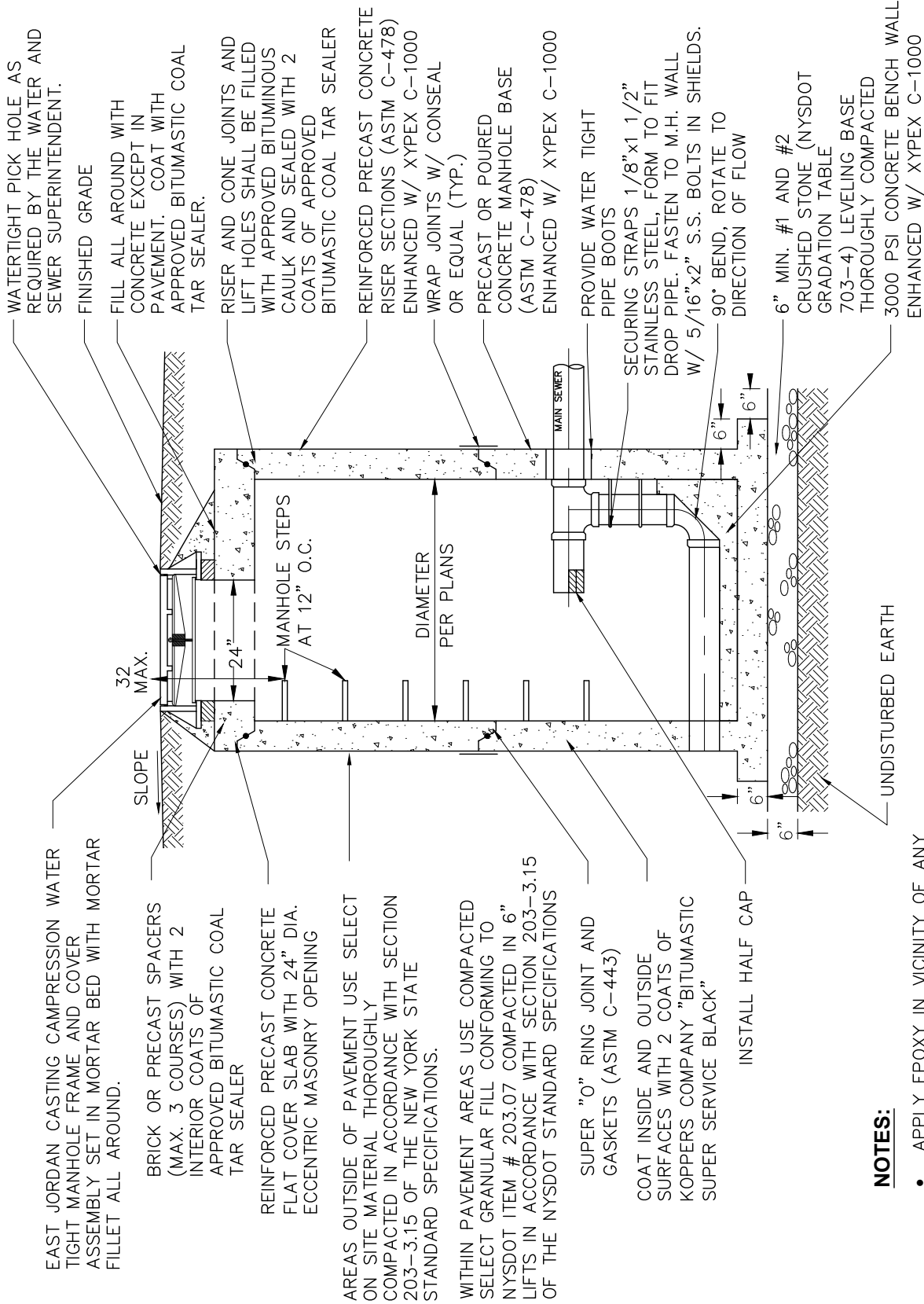
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 12.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

- APPLY EPOXY IN VICINITY OF ANY FORCEMAIN CONNECTION
- STEP ALIGNMENT LESS THAN 1" (VERTICAL) ALIGNMENT TOLERANCE

**INSIDE DROP SEWER MANHOLE**

# TOWN OF FARMINGTON

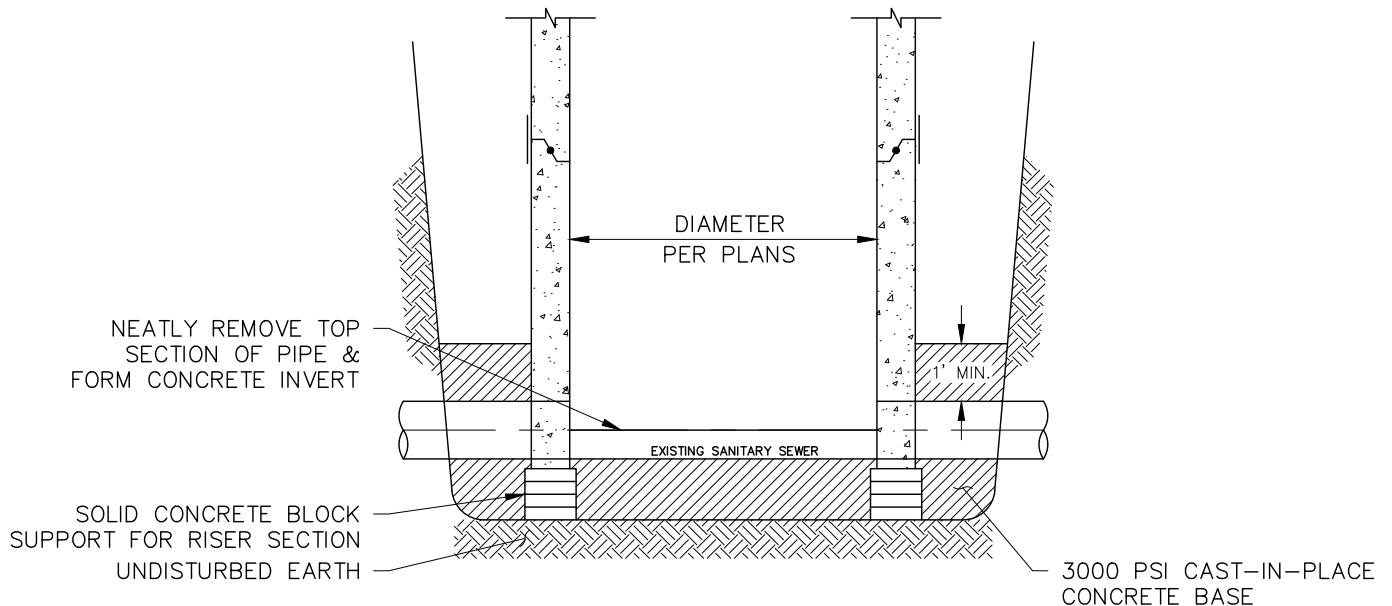
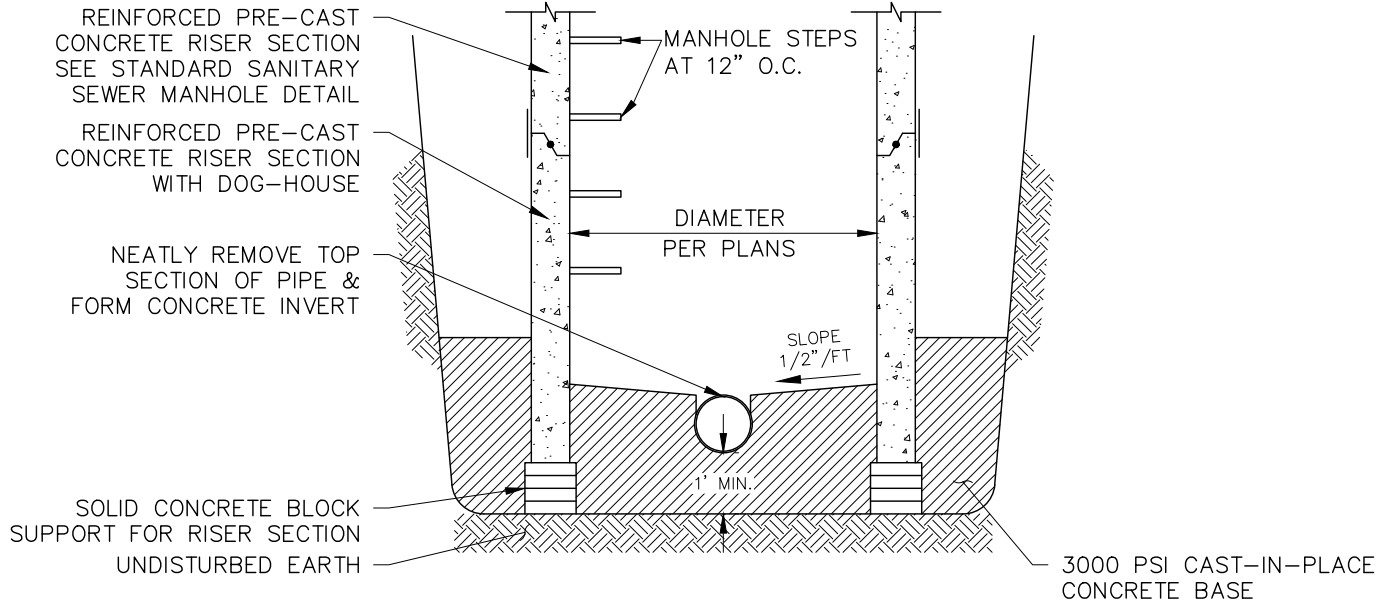
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **S - 13.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

- USE FLEXOLITH GEL BY DURAL OR SIKADUR 33 BY SIKA EPOXY MORTAR TO FILL AROUND PIPE. NO SLEEVE REQUIRED.
- TAR SEAL ALL EXPOSED INTERIOR/EXTERIOR MANHOLE SURFACES AFTER PLACEMENT OF CONCRETE, AND EPOXY BENCH WALLS.
- CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF SEWER DURING CONSTRUCTION.

## DOG-HOUSE SEWER MANHOLE

# TOWN OF FARMINGTON

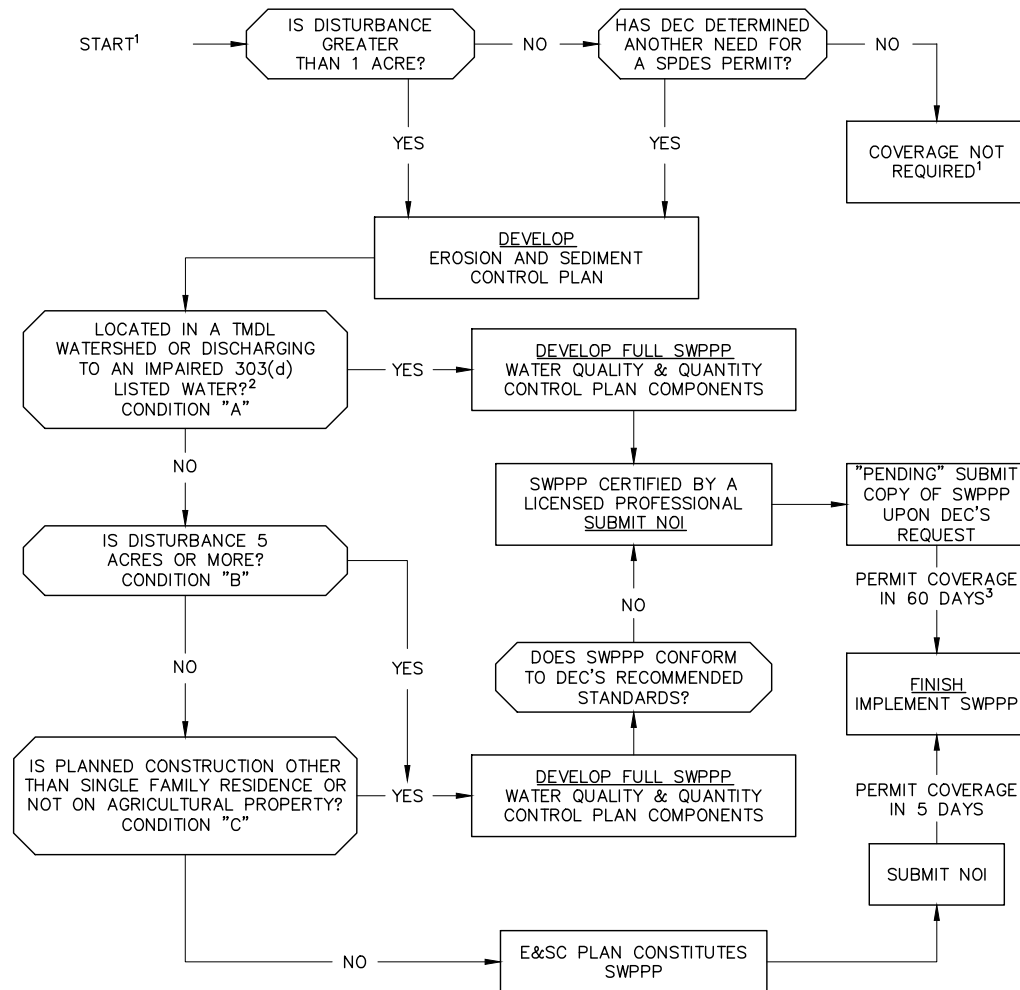
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 1.0**

DATE: 2024

SCALE: N.T.S.

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**NOTES:**

1. UNDER ANY OF THE ABOVE CONDITIONS OTHER ENVIRONMENTAL PERMITS MAY BE REQUIRED. DEC MAY REQUIRE PERMIT FOR CONSTRUCTION DISTURBANCE < 1 ACRES ON A CASE BY CASE BASIS.
2. AND THE FOLLOWING EXISTS: CONSTRUCTION AND/OR STORMWATER DISCHARGES FROM THE CONSTRUCTION OR POST-CONSTRUCTION SITE CONTAIN THE POLLUTANT OF CONCERN IDENTIFIED IN THE TMDL OR 303(d) LISTING.
3. AFTER RECEIPT BY DEC OF COMPLETED APPLICATION.

## SWPPP STORM WATER PERMIT PROCESS

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 2.0**

DATE: 2024

SCALE: N.T.S.

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Department of  
Environmental  
Conservation

NYS Department of Environmental Conservation  
Division of Water  
625 Broadway, 4th Floor  
Albany, New York 12233-3505

## MS4 Stormwater Pollution Prevention Plan (SWPPP) Acceptance Form

for

Construction Activities Seeking Authorization Under SPDES General Permit

\*(NOTE: Attach Completed Form to Notice Of Intent and Submit to Address Above)

### I. Project Owner/Operator Information

1. Owner/Operator Name:

2. Contact Person:

3. Street Address:

4. City/State/Zip:

### II. Project Site Information

5. Project/Site Name:

6. Street Address:

7. City/State/Zip:

### III. Stormwater Pollution Prevention Plan (SWPPP) Review and Acceptance Information

8. SWPPP Reviewed by:

9. Title/Position:

10. Date Final SWPPP Reviewed and Accepted:

### IV. Regulated MS4 Information

11. Name of MS4:

12. MS4 SPDES Permit Identification Number: NYR20A

13. Contact Person:

14. Street Address:

15. City/State/Zip:

16. Telephone Number:

TOWN OF  
**FARMINGTON**

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 2.1**

DATE: 2024

SCALE: N.T.S.

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**MS4 SWPPP Acceptance Form - continued**

**V. Certification Statement - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative**

I hereby certify that the final Stormwater Pollution Prevention Plan (SWPPP) for the construction project identified in question 5 has been reviewed and meets the substantive requirements in the SPDES General Permit For Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s). Note: The MS4, through the acceptance of the SWPPP, assumes no responsibility for the accuracy and adequacy of the design included in the SWPPP. In addition, review and acceptance of the SWPPP by the MS4 does not relieve the owner/operator or their SWPPP preparer of responsibility or liability for errors or omissions in the plan.

Printed Name:

Title/Position:

Signature:

Date:

**VI. Additional Information**

(NYS DEC - MS4 SWPPP Acceptance Form - January 2015)

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 3.0**

DATE: 2024

SCALE: N.T.S.

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## Stormwater Pollution Prevention Plan Notes

The Town of Farmington requires the following notes to be added to the Plans:

1. All improvements shall be in accordance with the most recent standards and specifications of the Town of Farmington MS4 requirements and the appropriate water/sewer agencies, unless otherwise noted.
2. A Stormwater Pollution Prevention Plan (SWPPP) will be prepared for this site to conform with New York State Department of Environmental Conservation (NYSDEC) General Permit GP-0-20-001 or latest version thereof and to the requirements of local authorities regarding the maintenance and control of stormwater quality and quantity. The Pollution Prevention Plan will consist of the project plans, the Stormwater Management Plan, soil erosion and sedimentation control specification regarding stormwater control.
3. The owner will be responsible for implementing the required SWPPP, including the filing of a "Notice of Intent", receiving a signed MS4 SWPPP Acceptance Form, and if necessary a 5-acre waiver from the Town of Farmington prior to construction starting. The owner, his contractor, sub-contractors and all others associated with the implementation of this plan shall be familiar with and certify the plan and the conditions of the NYSDEC General Permit GP-0-20-001 or latest version thereof for the stormwater discharges from construction activities.
4. Any modifications or deviations from the SWPPP, including implementation of erosion control measures and stormwater management areas, shall be documented by the owner with the engineer and the Town of Farmington.
5. The owner shall be responsible for providing on-site inspections by a licensed professional of construction erosion control during construction. If the site is over 5 acres of disturbance, inspections are to be conducted twice per week (separated by a minimum of two days). If the site is under 5 acres of disturbance, inspections are to be conducted once per week. An inspection report log is to be kept on-site by the owner with the approved SWPPP. SWPPP inspection reports are to be forwarded to the Town CEO, Construction inspector and Town's engineering firm, MRB Group, D.P.C.
6. Sequence – The contractor shall install erosion & sediment control measures in the following sequence. Construction sequences may be altered through the site plan review process and at the pre-construction meeting:
  - Install perimeter sediment controls, (i.e. erosion fencing).
  - Install stabilized construction entrance.
  - Protect vegetation to remain.
  - Clear grub and construct diversionary swales, sediment basins, traps and other temporary measures.
  - Complete clearing and grubbing operation.
  - Install stormwater management facilities.
  - Strip topsoil and provide erosion control measures around stockpiles locations.
  - Maintain erosion control measures and place additional measures as earthwork and underground utilities are constructed.
  - Restore areas as defined by contract documents.
  - Remove erosion control measures as areas are reestablished with ground cover, once inspected by the Town.
  - If site preparations occur between November 15 and April 1, additional erosion controls must be taken including reducing the size of disturbed areas and placing heavy straw mulch where practical.

**STORM WATER POLLUTION PREVENTION PLAN NOTES**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 3.1**

DATE: 2024

SCALE: N.T.S.

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## Stormwater Pollution Prevention Plan Notes

The Town of Farmington requires the following notes to be added to the Plans:

7. Maps should include re-seeding instructions including materials and a timetable for various seeding:

- Where soil disturbance activities have temporarily or permanently ceased, apply stabilization measures by the end of the next business day and complete stabilization within:
  - 14 days if 5-acres or less, open disturbed area
  - 7 days if greater than 5-acres of open, disturbed area
  - 3 days if between November 15th and April 1st
- TEMPORARY SEEDING OF DISTURBED AREAS SHALL BE PROVIDED AS FOLLOWS:  
The surface two inches of soil should be loosened by disking, raking, or back-blading with a bulldozer. Immediately fertilize with 300 pounds per acre (or 7 pounds per 1,000 square feet) of 10-10-10 fertilizer. Immediately seed with the following mix:

	PERCENTAGE%	*AT A RATE OF 5LBS PER 1,000 SQ FT
Annual Ryegrass	50%	
Perennial Ryegrass	50%	
Oats	10% (If available)	

Seed should have a germination rate of at least 85 percent and minimal inert material.

- R.O.W. AREAS SHALL BE TOPSOILED AND STABILIZED USING PERMANENT SEEDING MIX SHOWN BELOW UPON COMPLETION OF RG&E UTILITIES, SIDEWALKS, AND FINE GRADING:

	LBS/Acre	% BY PURITY	% GERM
'Pennfine' Perennial Rye Grass	35	85	85
'Pennlawn' Red Fescue	35	97	80
'Baron' and 'Midnight' Kentucky Bluegrass	30	85	80

Seeding Rate: 6.0 pounds per 1,000 square feet  
 Mulch: Straw or wood fiber mulch used with hydro seeding method at two tons per acre with trackifier, at the Town Inspector's discretion  
 Starting Fertilizer: 5:10:10 at 20 pounds per 1,000 square feet.

- For fall or early winter, seed with certified "arostock" winter rye (cereal rye) at 100 pounds per acre.
  - Permanent stabilization for steep slopes 3:1 or greater shall include Jute Mesh blanket and Crown Vetch seed with perennial ryegrass.
8. All disturbed areas to remain pervious (i.e., lawns) shall receive soil restoration in accordance with the NYS Standards and Specifications for Erosion and Sediment Control.
  9. The contractor shall locate, mark, safeguard and preserve all survey control monuments and right-of-way monuments in the areas of construction.
  10. Existing underground utilities shown herein were plotted from field locations and/or utility company record plans. Prior to any construction, the contractor shall call the Dig Safety New York (UFPO) hotline at 1-800-962-7962 for stakeout of existing utilities. The contractor shall determine exact location and elevation of underground utilities before commencing construction. Contractor shall make exploration excavations to locate existing underground facilities sufficiently ahead of construction to permit revisions as required to meet the existing conditions.
  11. Dust shall be controlled during construction by the contractor to minimize effect on the adjacent properties. The contractor shall implement dust control measures as needed and/or as directed by the Town of Farmington.
  12. The owner's contractor shall be responsible for the establishment, maintenance, cleaning, repair and replacement of erosion control measures during site construction.
  13. Roadways and gutters shall be cleaned regularly to prevent sediment buildup. Material storage and stockpiles shall not be located over sidewalks or within roadways.
  14. Trenches shall not be used for erosion and sediment control. Straw bales shall not be used in place of silt fence or compost filter sock.

## STORM WATER POLLUTION PREVENTION PLAN NOTES

(CONTINUED FROM ST - 3.0)





# TOWN OF FARMINGTON

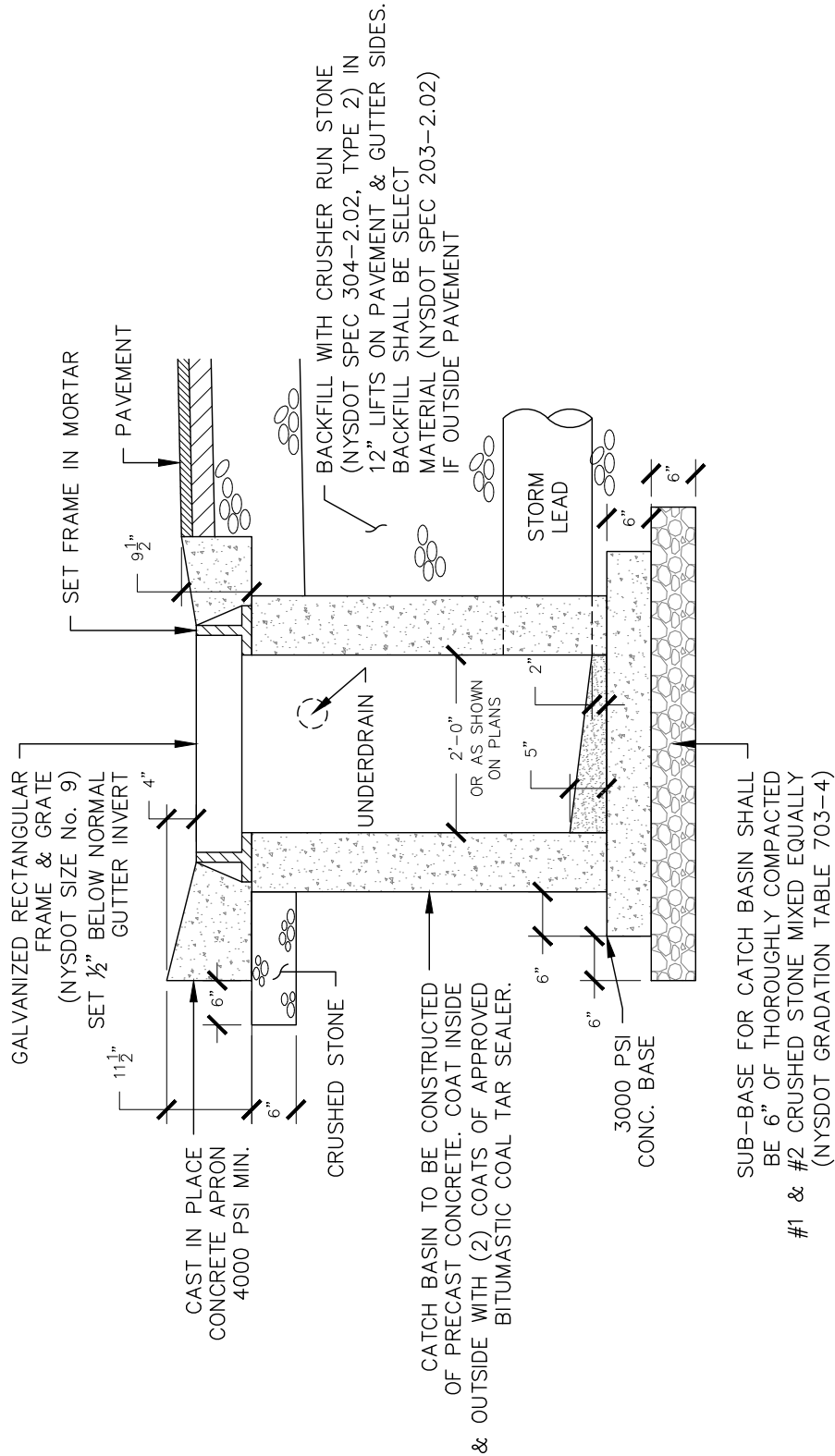
1000 County Road #8  
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(315) 986-8100

APPENDIX: **ST - 5.0**

DATE: 2024

SCALE: N.T.S.

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## CATCH BASIN DETAIL

# TOWN OF FARMINGTON

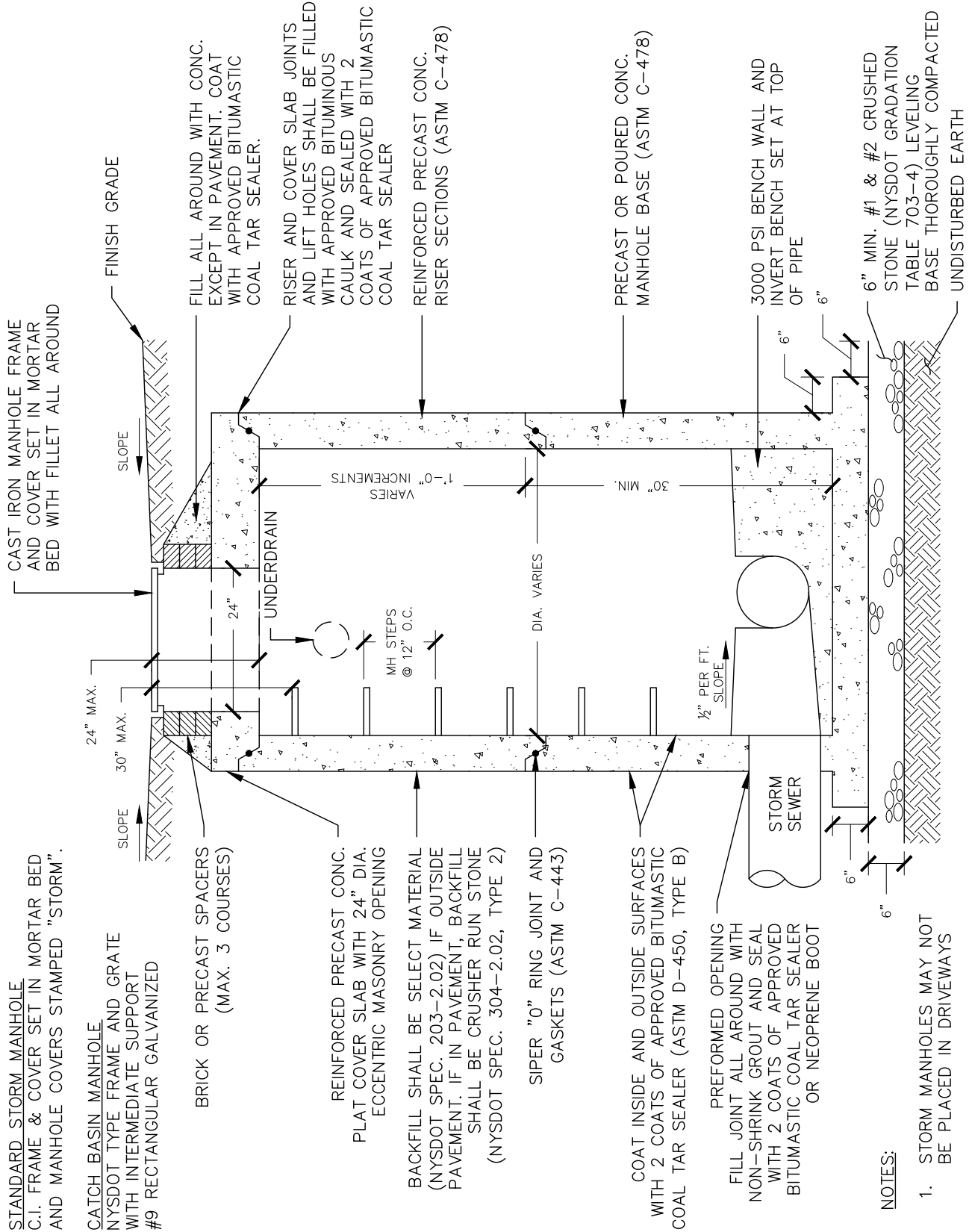
1000 County Road #8  
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APPENDIX: **ST - 6.0**

DATE: 2024

SCALE: N.T.S.

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## STORM SEWER AND CATCH BASIN MANHOLE

# TOWN OF FARMINGTON

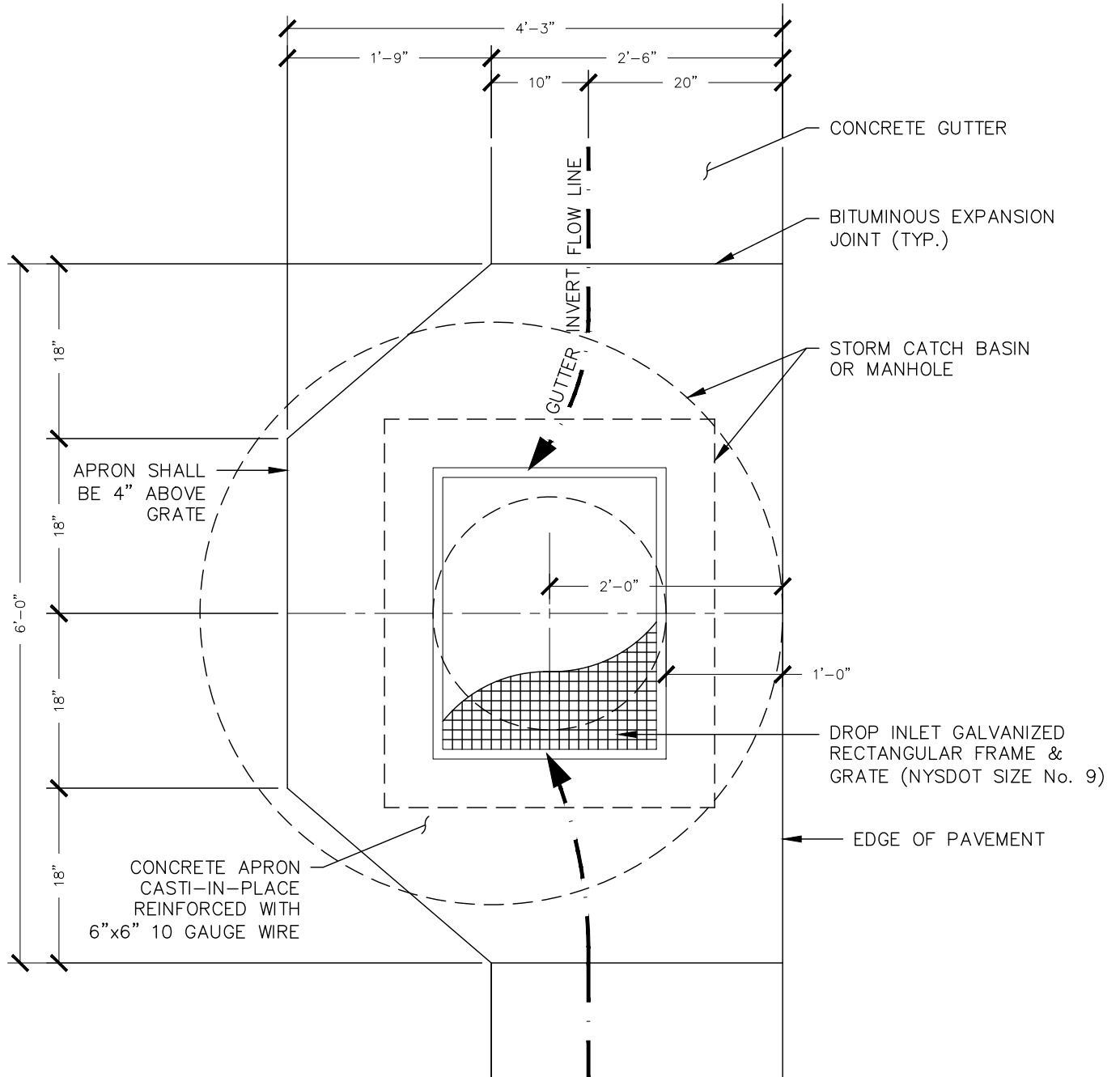
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Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 7.0**

DATE: 2024

SCALE: N.T.S.

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**NOTES:**

1. CATCH BASINS SHOULD NOT BE PLACED IN DRIVEWAY AREAS OR IN FRONT OF DRIVEWAY AREAS.
2. SPECIAL DESIGN MAY BE REQUIRED FOR STEEP GRADE SECTIONS.

## GUTTER AND CATCH BASIN APRON DETAIL

# TOWN OF FARMINGTON

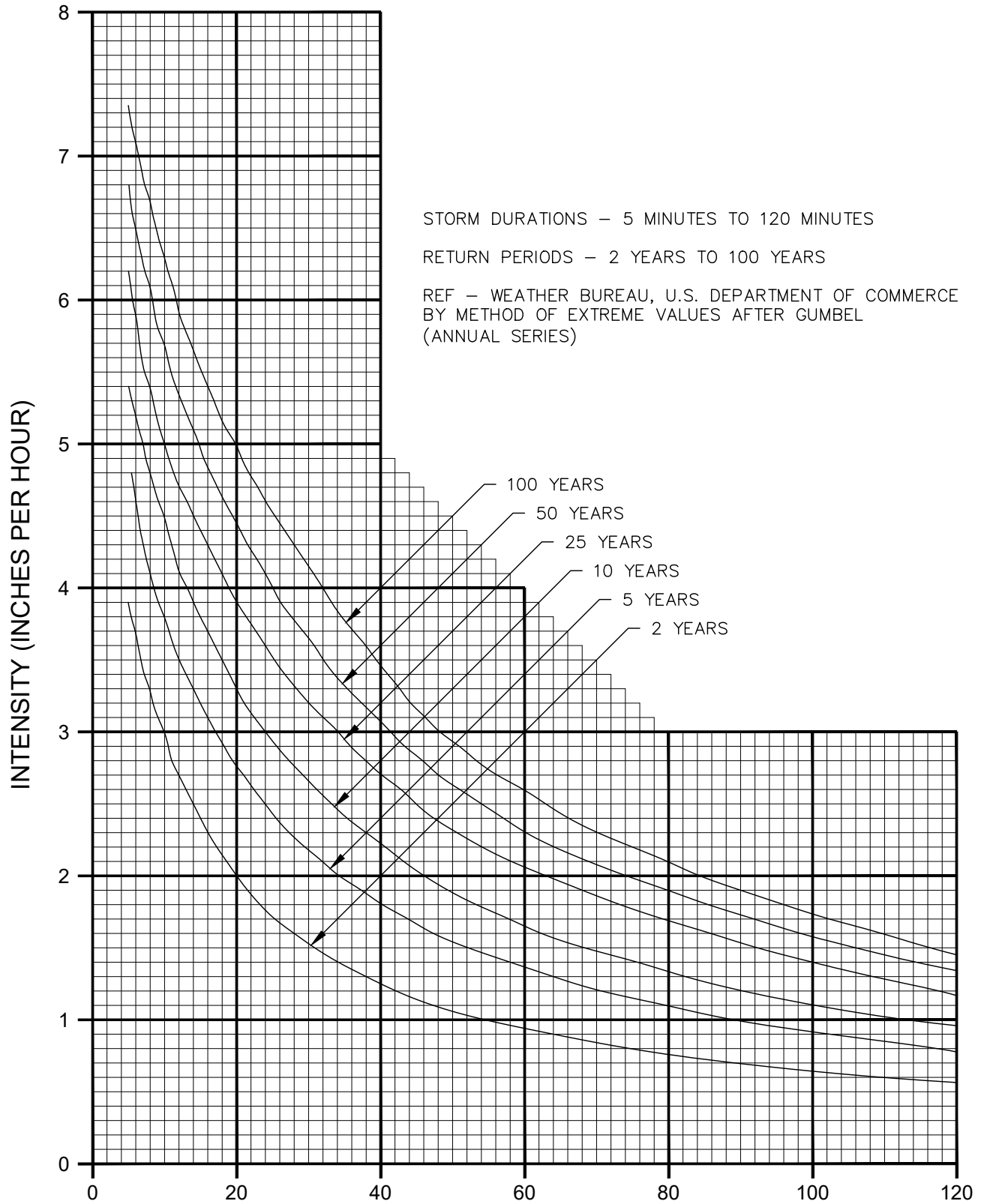
1000 County Road #8  
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(315) 986-8100

APPENDIX: **ST - 8.0**

DATE: 2024

SCALE: N.T.S.

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**RAINFALL INTENSITY CURVES**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 9.0**

DATE: 2024

SCALE: N.T.S.

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## STORMWATER MAINTENANCE AGREEMENT

**WHEREAS**, the Town of Farmington (Town) and the \_\_\_\_\_ (Facility Owner) having an address of \_\_\_\_\_ want to enter into an agreement (this Agreement) to provide for the long term maintenance and continuation of permanent stormwater control facilities and measures approved by the Town for the project named below; and

**WHEREAS**, the Town and the Facility Owner desire that the permanent stormwater control facilities and measures, as detailed in the approved public record and site drawings entitled “\_\_\_\_\_” (Project), having drawing number(s) \_\_\_\_\_, prepared by \_\_\_\_\_ and last revised \_\_\_\_\_, (the “Plans”), to be built in accordance with the Plans and thereafter be maintained, cleaned, repaired, replaced, and continued in perpetuity in order to ensure optimum performance of the components. Reduced size versions of the Plans are attached hereto as Exhibit A. The Plans are on file in the Town Development Office.

Therefore, the Town and the Facility Owner agree as follows:

1. This Agreement binds the Town and the Facility Owner, its successors and assigns, to maintain the permanent stormwater control measures depicted on the Plans (as same may be amended), and as described in the approved Stormwater Pollution Prevention Plan (SWPPP) which are attached as Schedule A of this Agreement.
2. The Facility Owner shall maintain, clean, repair, replace and continue the stormwater control facilities and measures depicted on the Plans as necessary to ensure optimum performance of the measures to design specifications. If identified on the plans, the stormwater control measures shall include, but shall not be limited to, the following: drainage ditches, swales, dry wells, infiltrators, drop inlets, pipes, culverts, soil absorption devices, and retention ponds (collectively, the “Control Measures”).
3. The Facility Owner shall be responsible for all expenses related to the maintenance of the Control Measures, including inspections as required in Section 4.
4. The Facility Owner shall provide for the periodic inspection of the Control Measures, not less than once in every three-year period, to determine the condition and integrity of the Control Measures. The Facility Owner’s obligations to inspect the Control Measures under this Section 4 shall commence upon the issuance of the first certificate of occupancy for the project depicted on the Plans. Each inspection shall be performed by a Licensed Professional Engineer by the State of New York (the “Inspecting Engineer”), at the Facility Owner’s choosing. The Inspecting Engineer shall prepare and submit to the Municipality within 30 days of each inspection, a written report of the findings of his/her inspection including any recommendations necessary for the continued maintenance or repair of the Control Measures.
5. The Facility Owner shall grant Right of Entry to duly authorized representatives of the Town. Upon presentation of proper credentials, duly authorized representatives of the Town may enter at reasonable times upon the premises to inspect the implementation, condition or operation and maintenance of the Control Measures. The Facility Owner shall allow persons working on behalf of the Town ready access to all parts of the premises for the purposes of inspecting the Control Measures. Persons working on behalf of the Town shall have the right to temporarily locate, on any stormwater facility or Control Measure in the Town, such devices as are necessary to conduct monitoring and/or sampling of the discharges from such Control Measures.
6. Except in an emergency situation, or as permitted by Section 7 below, The Facility Owner shall not authorize, undertake, or permit any material alteration, abandonment, modification, or discontinuation of the Control Measures except in accordance with written approval of the Stormwater Management Program Coordinator. In the event of an emergency situation, the Facility Owner shall notify the Town as soon as reasonably possible. The notification shall include details regarding the nature of the emergency, the effects of this emergency on the Control Measures, the actions taken by the Facility Owner, and the current state of the Control Measures. An inspection shall be performed by the Inspecting Engineer within seven days after the emergency situation occurs. The Facility Owner shall be required to make any repairs or alterations recommended or requested by the Inspecting Engineer. The results of the inspection shall be reported to the Town.

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 9.1**

DATE: 2024

SCALE: N.T.S.

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7. The Facility Owner shall undertake all necessary repairs, maintenance, or replacement of the Control Measures in accordance with the recommendations of the Inspecting Engineer, except to the extent such repairs, maintenance, or replacement are made necessary by the acts or omissions of the Town, including without limitation offsite grading. Such repair, maintenance, or replacement shall not require the approval of the Town.
8. This Agreement shall be recorded in the Office of the County Clerk, County of Ontario together with the deed for the common property, and shall be included in the offering plan and/or prospectus approved pursuant to \_\_\_\_\_.
9. If ever the Stormwater Management Program Coordinator determines that the Facility Owner has failed to construct, maintain, clean, repair, replace, and continue the Control Measures in accordance with the Plans or has failed to undertake necessary corrective action in accordance with Section 7 above, the Stormwater Management Program Coordinator shall give the Facility Owner written notice of such a default. In the event the Facility Owner fails to cure such default within thirty (30) days from its receipt of such notice, the Town is authorized to undertake such steps as reasonably necessary for the preservation, continuation, or maintenance of the Control Measures. The actual cost of such steps, plus a service charge of 50% thereof to cover the cost of supervision and administration shall be certified by the Town of Farmington Code Enforcement Officer to the Town Supervisor and such certified amount shall thereupon be charged and assessed against the Facility Owner and, if different, the owner of the property on which the Facility is located. The expense, so assessed, shall constitute a lien and charge on the real property on which it is levied until paid or otherwise satisfied or discharged and shall be collected in the same manner and at the same time as other Town taxes and charges.
10. The parties agree and acknowledge that this Agreement shall cover not only the Control Measures set forth on the Plans, but it also shall cover any alterations or modifications to the Plans that may be approved by the Stormwater Management Program Coordinator after the execution of this Agreement.
11. This Agreement shall be binding upon, and inure to the benefit of, the respective successors and permitted assigns of the parties. This Agreement shall not be assignable by the Town but may be assigned or transferred by the Facility Owner.
12. All notices required or permitted hereunder shall be in writing and shall be sent to the parties at the following addresses:

If to the Municipality: Stormwater Management Program Coordinator  
Town of Farmington  
1000 County Road 8  
Farmington, New York 14425

If to the Facility Owner: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

With copies to: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Any such notices may be sent by: (a) certified mail, return receipt requested, or  
(b) a nationally recognized overnight courier

The above addresses may be changed by written notice to the other party. Any such notices shall be deemed effective upon receipts.

13. This Agreement sets forth all of the agreements, conditions, and understandings between the Town and the Facility Owner concerning the maintenance of the Control Measures and supersedes any and all prior agreements and understandings between the parties with respect thereto.
14. This Agreement shall be governed exclusively by the laws of the State of New York, without giving effect to choice of laws or choice of laws, rules or principles.

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 9.2**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

15. Issuance of the first certificate of occupancy or certificate of compliance for the project depicted on the Plans shall be deemed an acknowledgement by the Town that the Control Measures have been constructed in accordance with the Plans.
16. This Agreement may be executed in several counterparts, including by facsimile, each of which shall be an original and all of which shall constitute but one and the same instrument.
17. This Agreement may not be amended, changed, modified, altered, or terminated, except by an instrument in writing, signed by the parties hereto.
18. This Agreement is effective upon full execution by both parties.

The parties have entered into this Agreement on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

MUNICIPALITY  
TOWN OF FARMINGTON, NY

\_\_\_\_\_  
By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

FACILITY OWNER

\_\_\_\_\_  
By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

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# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 9.3**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

State of New York )  
County of Ontario ) ss.:

On the \_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_ before me, the undersigned, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledge to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

\_\_\_\_\_  
Signature and Office of individual taking acknowledgment

State of New York )  
County of Ontario ) ss.:

On the \_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_ before me, the undersigned, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledge to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

\_\_\_\_\_  
Signature and Office of individual taking acknowledgment



# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 10.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

## STORMWATER SITE OBSERVATION REPORT

(SPDES General Permit for Stormwater Discharges from Construction Activity)

Project: \_\_\_\_\_ Permit#: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Weather: \_\_\_\_\_ Soil Conditions:  Wet  Dry

Contractor: \_\_\_\_\_ Email: \_\_\_\_\_ Reviewed On Site:  Yes  No

Owner/Operator: \_\_\_\_\_ Email: \_\_\_\_\_  Mailbox and SWPPP Updated

Inspection Frequency:  Twice a Week  Weekly  Monthly  Follow-up  Other: \_\_\_\_\_

Approximate Area Opened: \_\_\_\_\_ AC ± Has a 5-Acre Waiver Been Issued:  Yes  No  NA

- Are the adjacent properties negatively impacted by the proposed construction?  Yes  No  NA
- At the discharge points of the site, are there traces of turbidity or sedimentation leaving the site?  Yes  No  NA
- At the natural surface waterbodies located within or immediately adjacent to the project, is there evidence of impacts from the project construction?  Yes  No  NA
- Are the public roads and site access roads being kept clean of mud and debris?  Yes  No  NA
- Is construction site litter and debris being properly managed?  Yes  No  NA
- Have all necessary erosion and sediment control measures been installed?  Yes  No  NA
- Are the installed erosion and sediment control measures functioning properly?  Yes  No  NA
- Are additional erosion control measures needed?  Yes  No  NA
- Are there areas disturbed that should be stabilized?  Yes  No  NA
- Are soil stockpiles in appropriate locations, properly stabilized, and/or protected?  Yes  No  NA
- Have temporary stabilization measures, no longer needed, been removed?  Yes  No  NA
- In regard to stormwater management, is the Contractor generally following the approved plans and sequence of construction?  Yes  No  NA
- Have deficiencies been identified with the constructed post-construction stormwater practices?  Yes  No  NA
- Is the concrete washout area being properly maintained and utilized?  Yes  No  NA

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Required attachments:  Sketch of Current Site Conditions  Site Photographs

**Are corrective actions required within 24 hours?**  Yes  No

Signature:

SWT#

Date:

TOWN OF  
**FARMINGTON**

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 11.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

**NOTICE:**

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**THE TOWN OF FARMINGTON  
IS AN MS4 COMMUNITY**

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THIS PROJECT MAY BE SUBJECT TO STORMWATER INSPECTIONS BY  
THE TOWN AND ITS REPRESENTATIVES.

FAILURE TO APPROPRIATELY UTILIZE AND MAINTAIN EROSION AND  
SEDIMENT CONTROLS MAY RESULT IN THE ISSUANCE OF A NOTICE OF  
NONCOMPLIANCE, NOTICE OF VIOLATION AND ORDER TO REMEDY,  
AND/OR STOP WORK ORDER.

APPROVAL FROM THE TOWN OF FARMINGTON IS REQUIRED PRIOR TO  
REDUCING SWPPP INSPECTION FREQUENCY OR FILING THE NOTICE OF  
TERMINATION TO TERMINATE PERMIT COVERAGE.

(the above note block shall be added to all project plans requiring a SWPPP)

**MS4 NOTES**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **ST - 12.0**

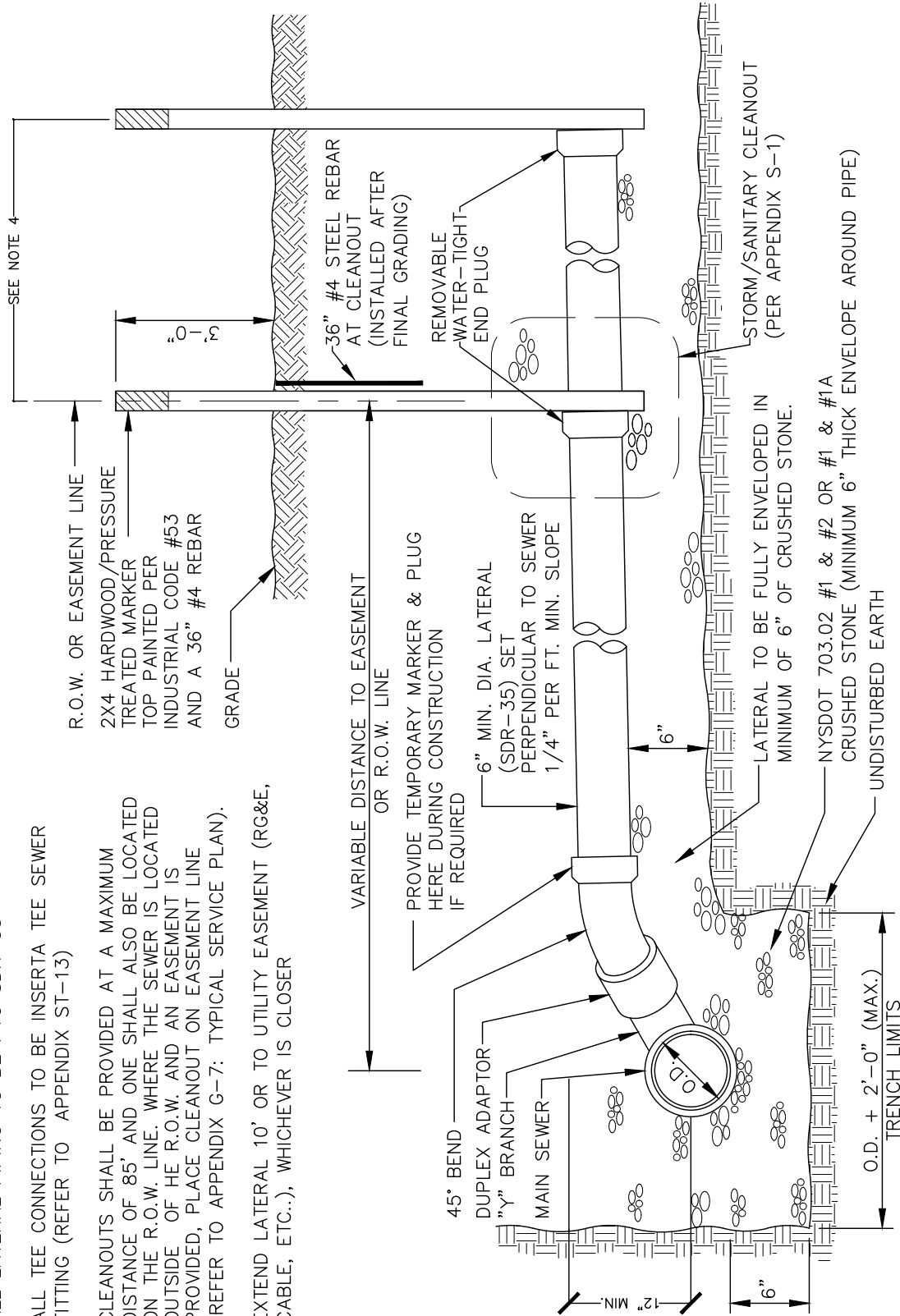
DATE: 2024

SCALE: N.T.S.

**MRB** | group

**NOTES:**

- 1.) ALL LATERAL PIPING TO BE PVC SDR-35
- 2.) ALL TEE CONNECTIONS TO BE INSERTA TEE SEWER FITTING (REFER TO APPENDIX ST-13)
- 3.) CLEANOUTS SHALL BE PROVIDED AT A MAXIMUM DISTANCE OF 85' AND ONE SHALL ALSO BE LOCATED ON THE R.O.W. LINE. WHERE THE SEWER IS LOCATED OUTSIDE OF THE R.O.W. AND AN EASEMENT IS PROVIDED, PLACE CLEANOUT ON EASEMENT LINE (REFER TO APPENDIX G-7: TYPICAL SERVICE PLAN).
- 4.) EXTEND LATERAL 10' OR TO UTILITY EASEMENT (RG&E, CABLE, ETC.), WHICHEVER IS CLOSER



**STORM LATERAL DETAIL**

# TOWN OF FARMINGTON

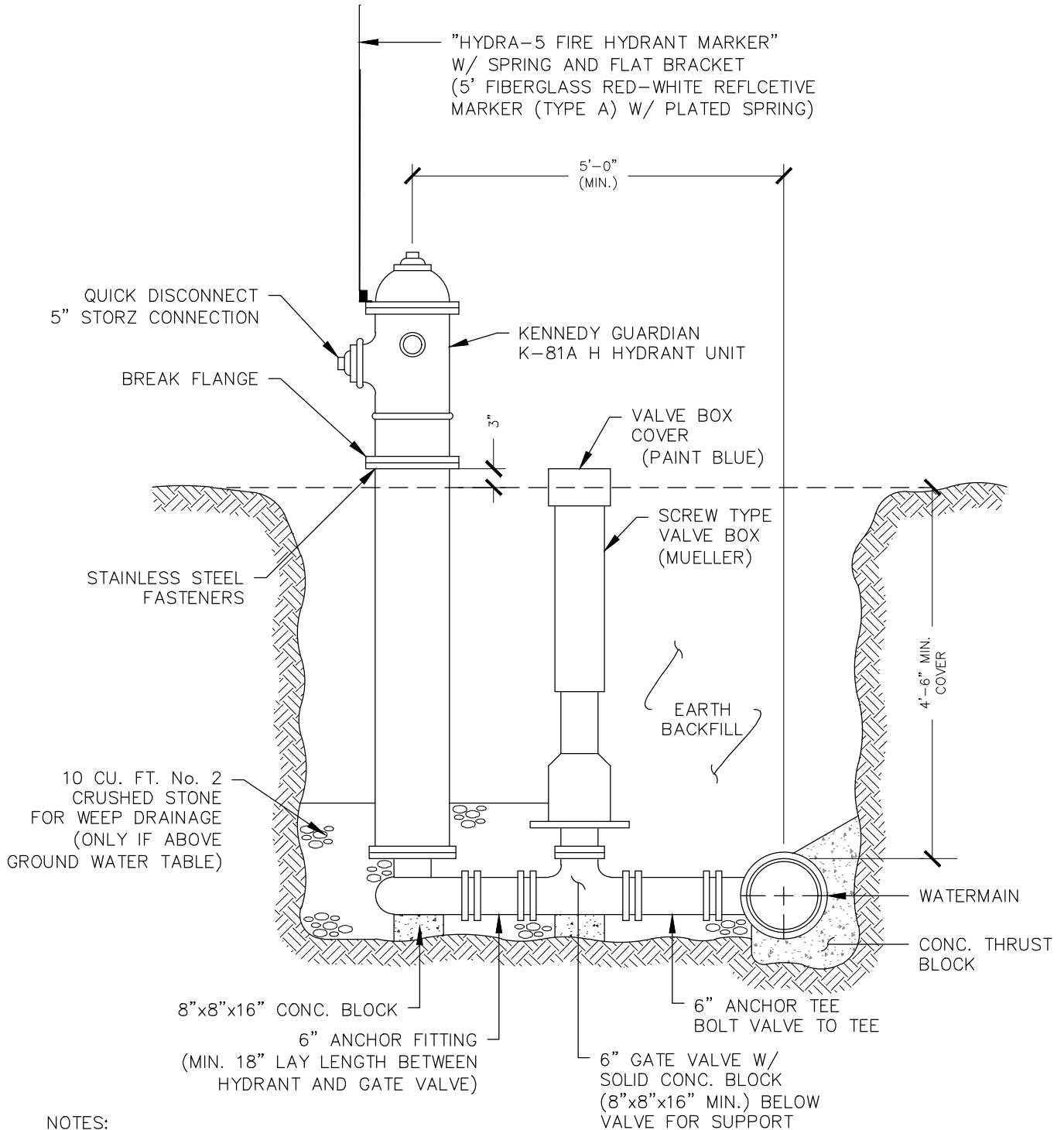
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 1.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

1. IF GROUND WATER IS ENCOUNTERED, THE WEEP HOLES MUST BE PLUGGED AND THE HYDRANT MARKED.
2. HYDRANTS SHALL BE PAINTED YELLOW WITH RED BONNET AND NOZZLE COVERS. PAINT SHALL BE KEN-GUARD TGIC POLYESTER POWDER COATING.

## HYDRANT UNIT

# TOWN OF FARMINGTON

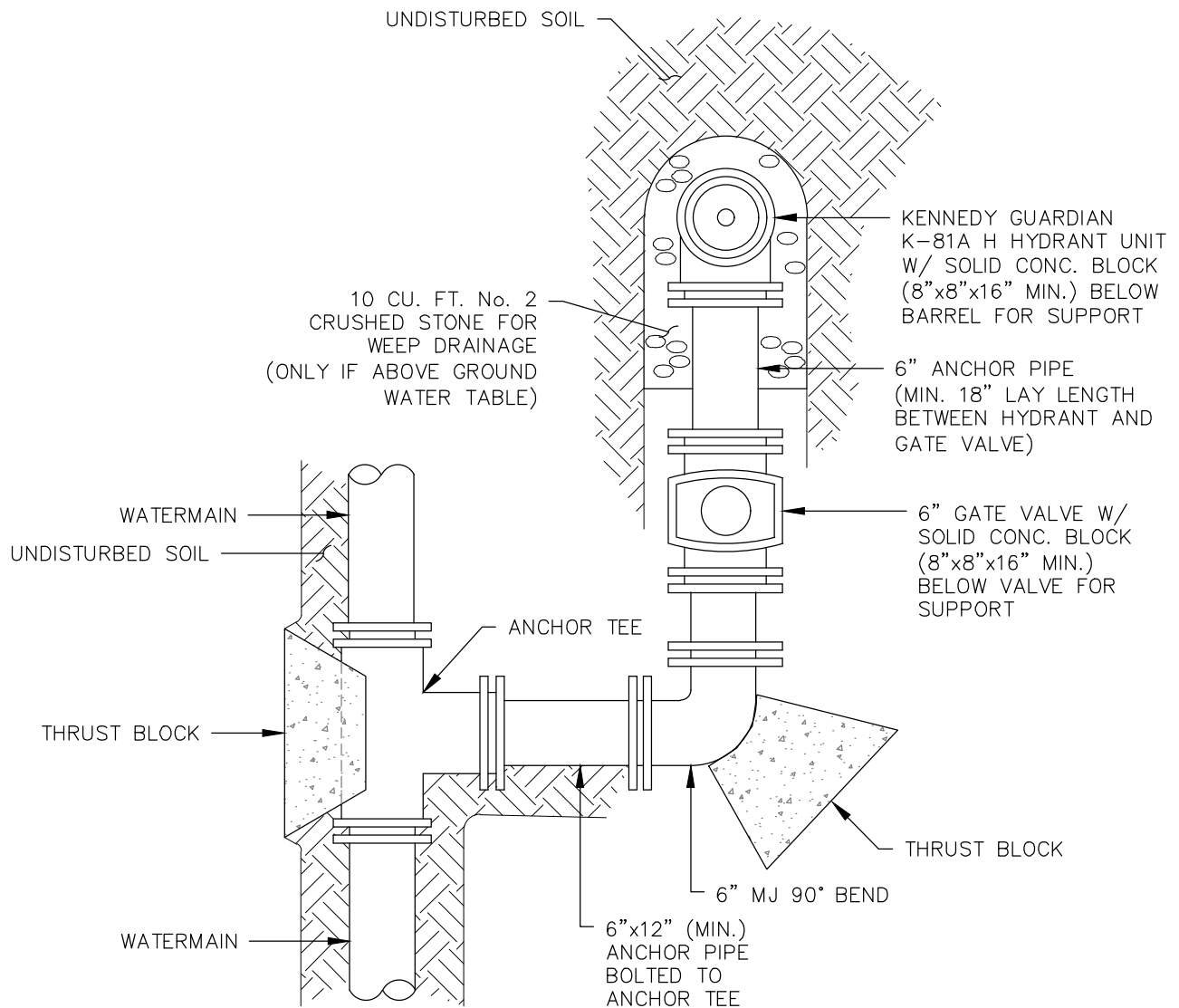
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 1.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



NOTES:

1. IF GROUND WATER IS ENCOUNTERED, THE WEEP HOLES MUST BE PLUGGED AND THE HYDRANT MARKED.
2. HYDRANTS SHALL BE PAINTED YELLOW WITH RED BONNET AND NOZZLE COVERS. PAINT SHALL BE KEN-GUARD TGIC POLYESTER POWDER COATING.

## PARALLEL HYDRANT UNIT

# TOWN OF FARMINGTON

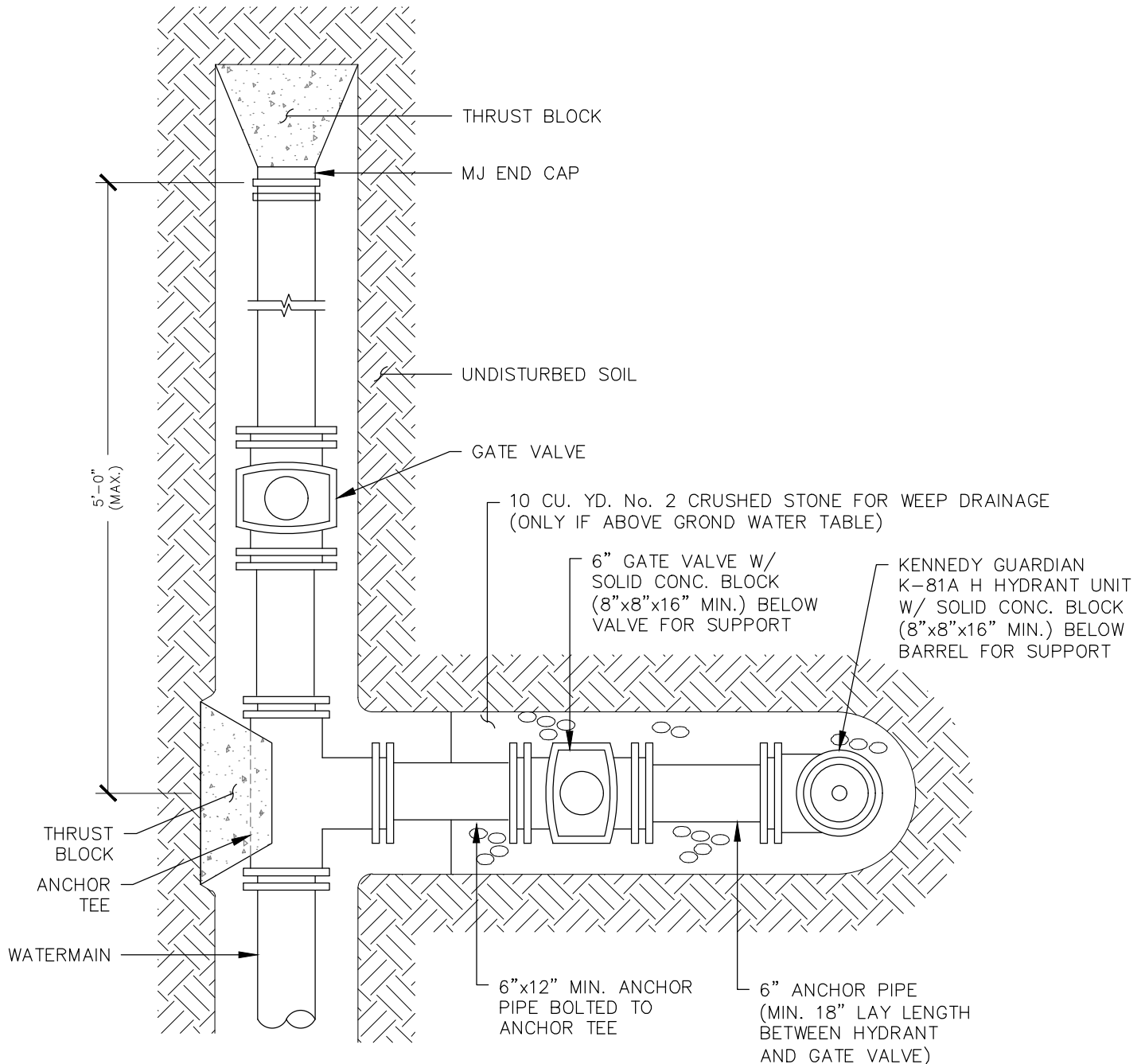
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 1.2**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

1. IF GROUND WATER IS ENCOUNTERED, THE WEEP HOLES MUST BE PLUGGED AND THE HYDRANT MARKED.
2. HYDRANTS SHALL BE PAINTED YELLOW WITH RED BONNET AND NOZZLE COVERS. PAINT SHALL BE KEN-GUARD TGIC POLYESTER POWDER COATING.

**END OF MAIN HYDRANT UNIT**

# TOWN OF FARMINGTON

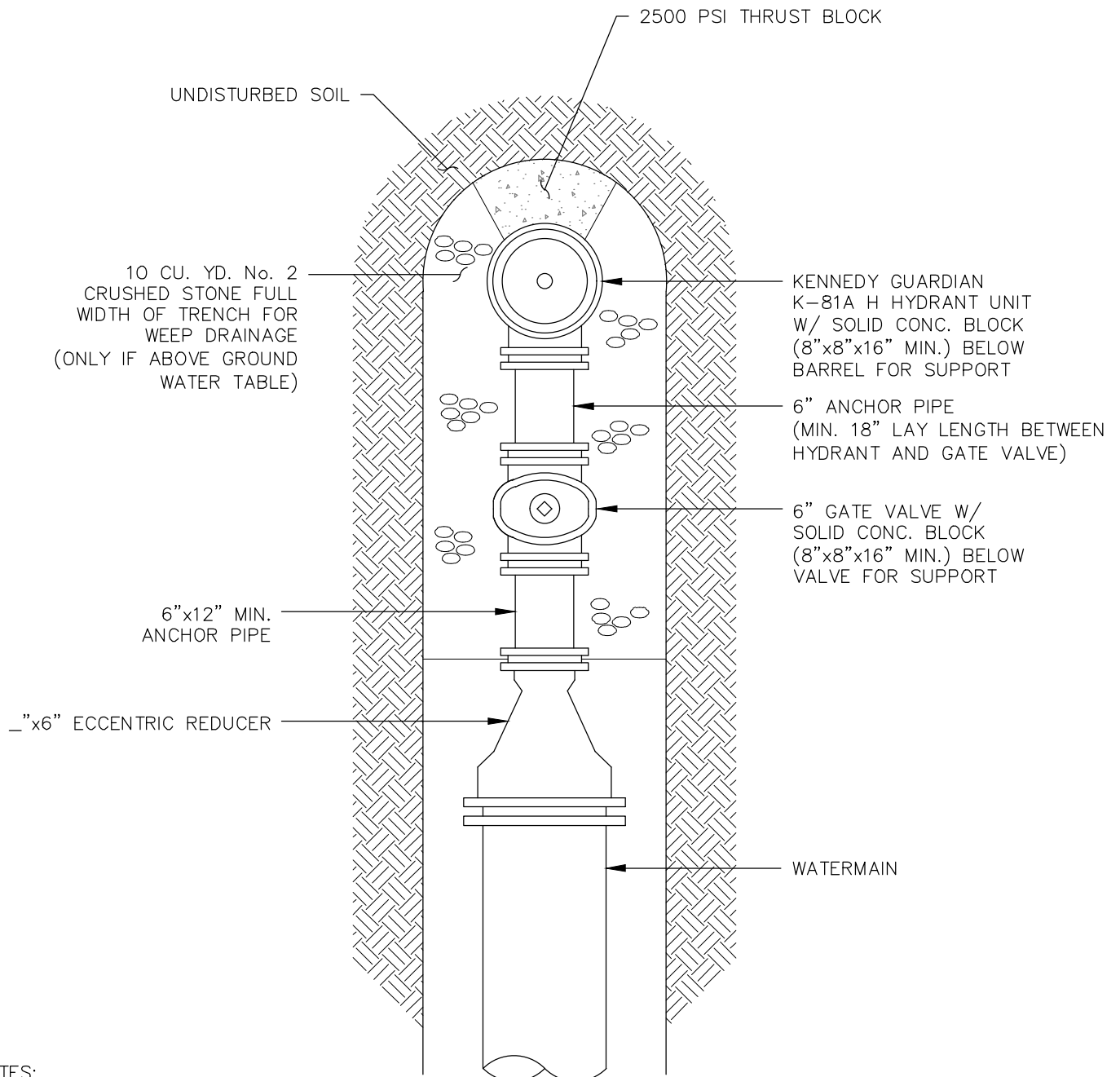
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 1.3**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

1. IF GROUND WATER IS ENCOUNTERED, THE WEEP HOLES MUST BE PLUGGED AND THE HYDRANT MARKED.
2. HYDRANTS SHALL BE PAINTED YELLOW WITH RED BONNET AND NOZZLE COVERS. PAINT SHALL BE KEN-GUARD TGIC POLYESTER POWDER COATING.

## DEAD END HYDRANT UNIT

# TOWN OF FARMINGTON

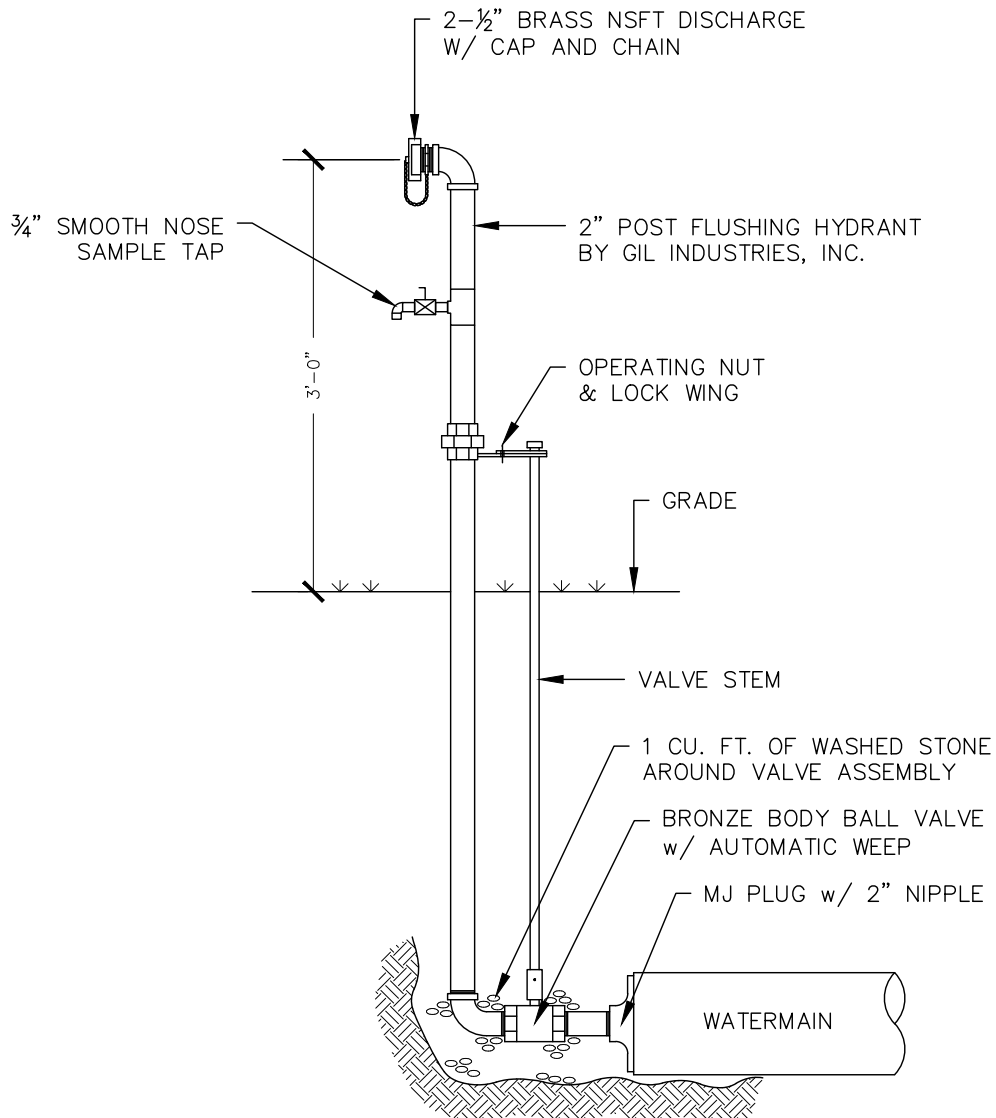
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 2.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**WATERMAIN BLOW-OFF DETAIL**



# TOWN OF FARMINGTON

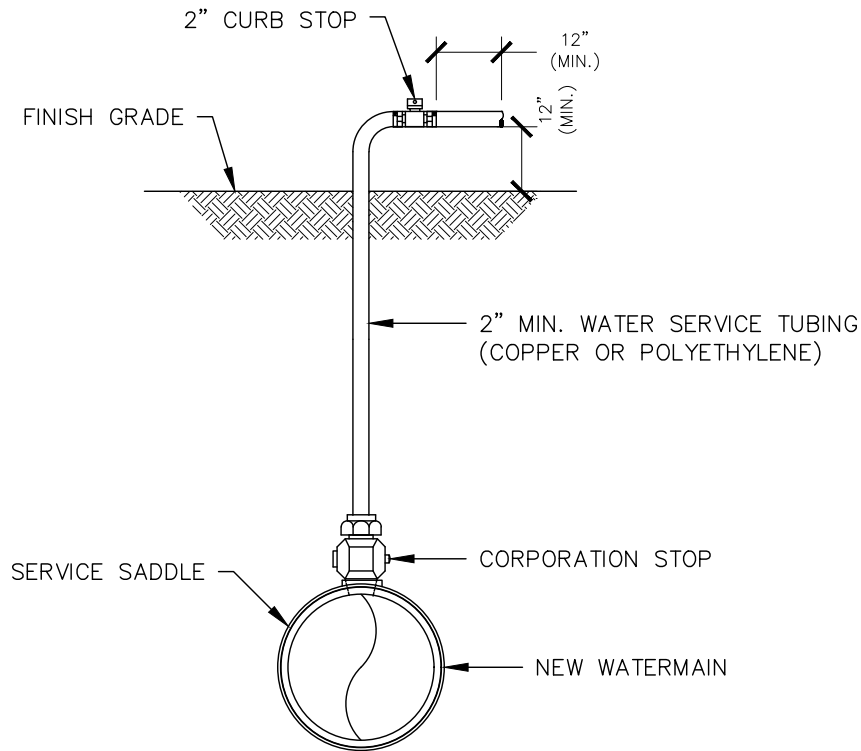
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 3.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



NOTES:

1. UPON NOTIFICATION FROM THE HEALTH DEPARTMENT THAT A SATISFACTORY WATER SAMPLE HAS BEEN OBTAINED, AND PRIOR TO PLACING THE WATER MAIN IN SERVICE THE CONTRACTOR SHALL REMOVE ALL CORPORATIONS ASSOCIATED WITH TEMPORARY FACILITIES ( I.E. SAMPLING TAPS, ETC.) AND REPLACE WITH THREADED BRASS PLUGS.
2. FOR SAMPLING TAPS THAT ARE NOT NEEDED TO BLOW-OFF, 1" SAMPLING TAPS ARE ACCEPTABLE.
3. 1000 LF MAXIMUM DISTANCE BETWEEN SAMPLE TAPS UNLESS OTHERWISE SPECIFIED BY ENGINEER.

DISINFECTION / SAMPLING TAP / BLOW-OFF

# TOWN OF FARMINGTON

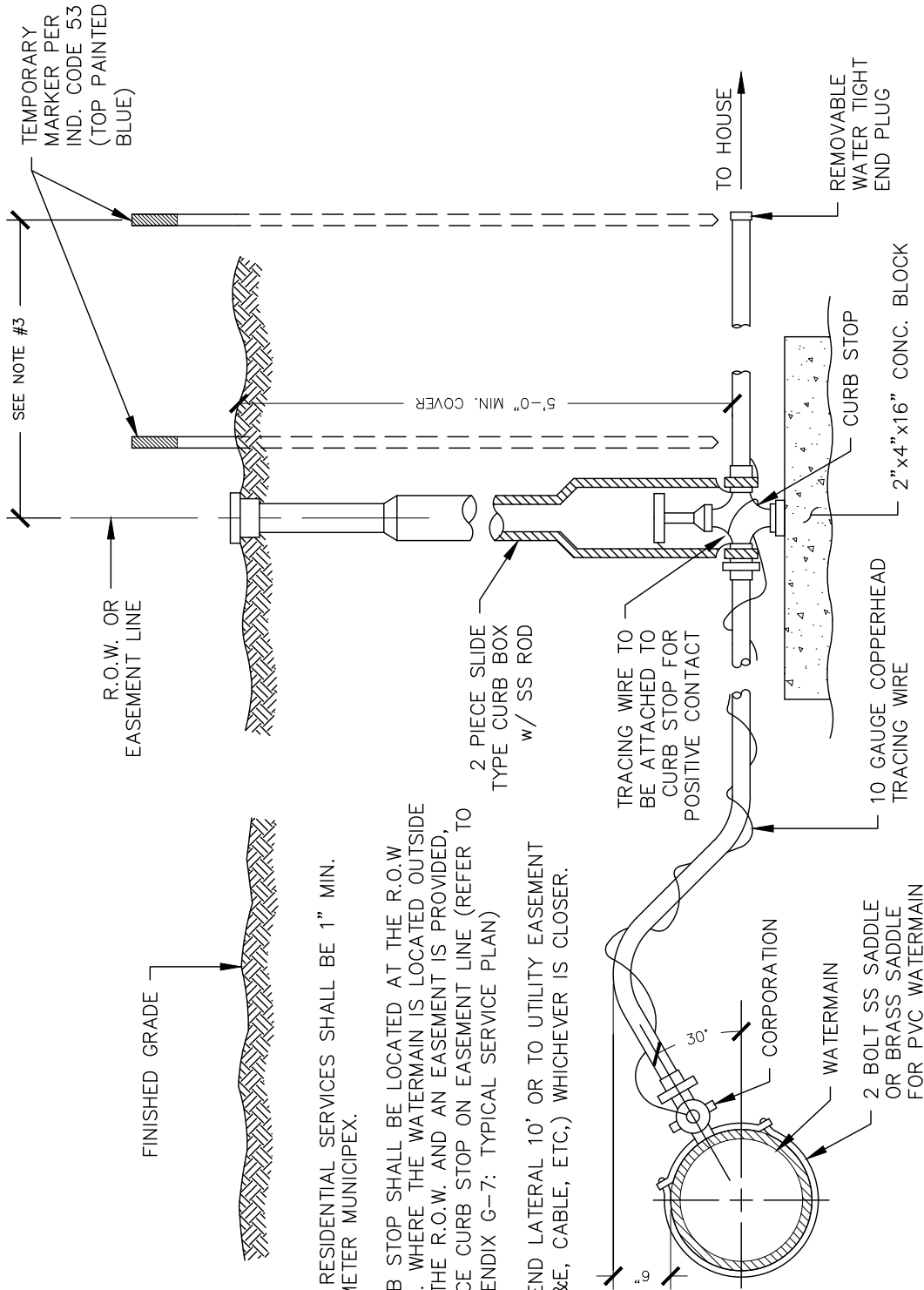
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 4.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

1. ALL RESIDENTIAL SERVICES SHALL BE 1" MIN. DIAMETER MUNICIPEX.
2. CURB STOP SHALL BE LOCATED AT THE R.O.W LINE. WHERE THE WATERMAIN IS LOCATED OUTSIDE OF THE R.O.W. AND AN EASEMENT IS PROVIDED, PLACE CURB STOP ON EASEMENT LINE (REFER TO APPENDIX G-7: TYPICAL SERVICE PLAN)
3. EXTEND LATERAL 10' OR TO UTILITY EASEMENT (RG&E, CABLE, ETC.) WHICHEVER IS CLOSER.

**TYPICAL WATER SERVICE**

# TOWN OF FARMINGTON

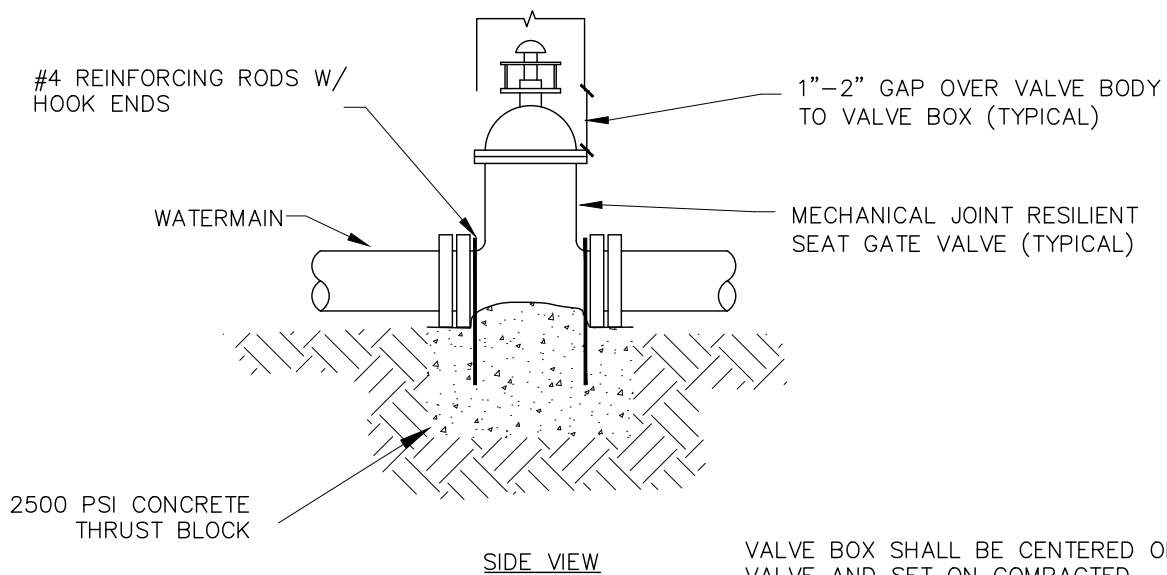
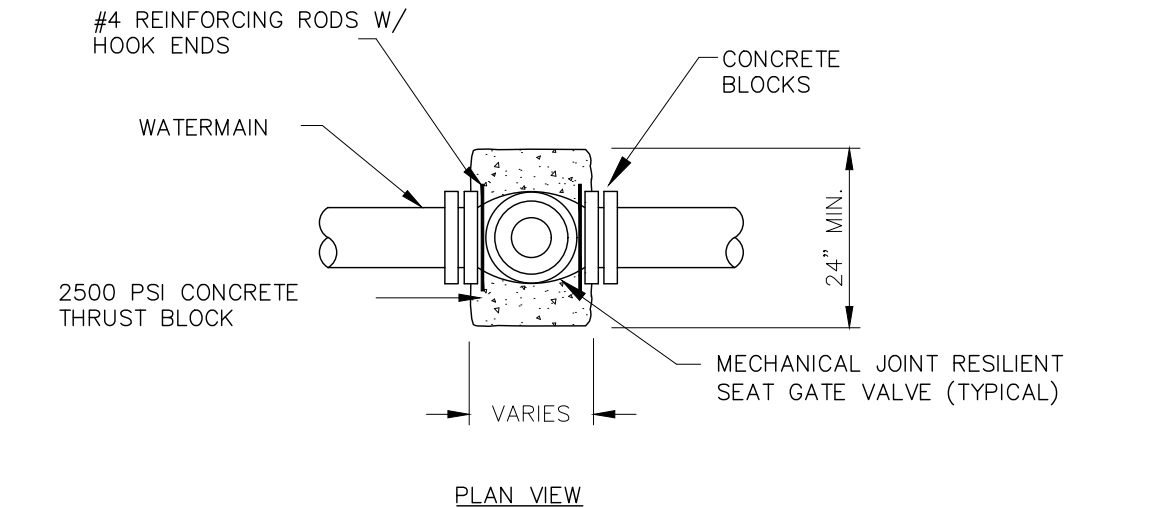
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 5.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## LINE VALVE ANCHOR DETAIL

# TOWN OF FARMINGTON

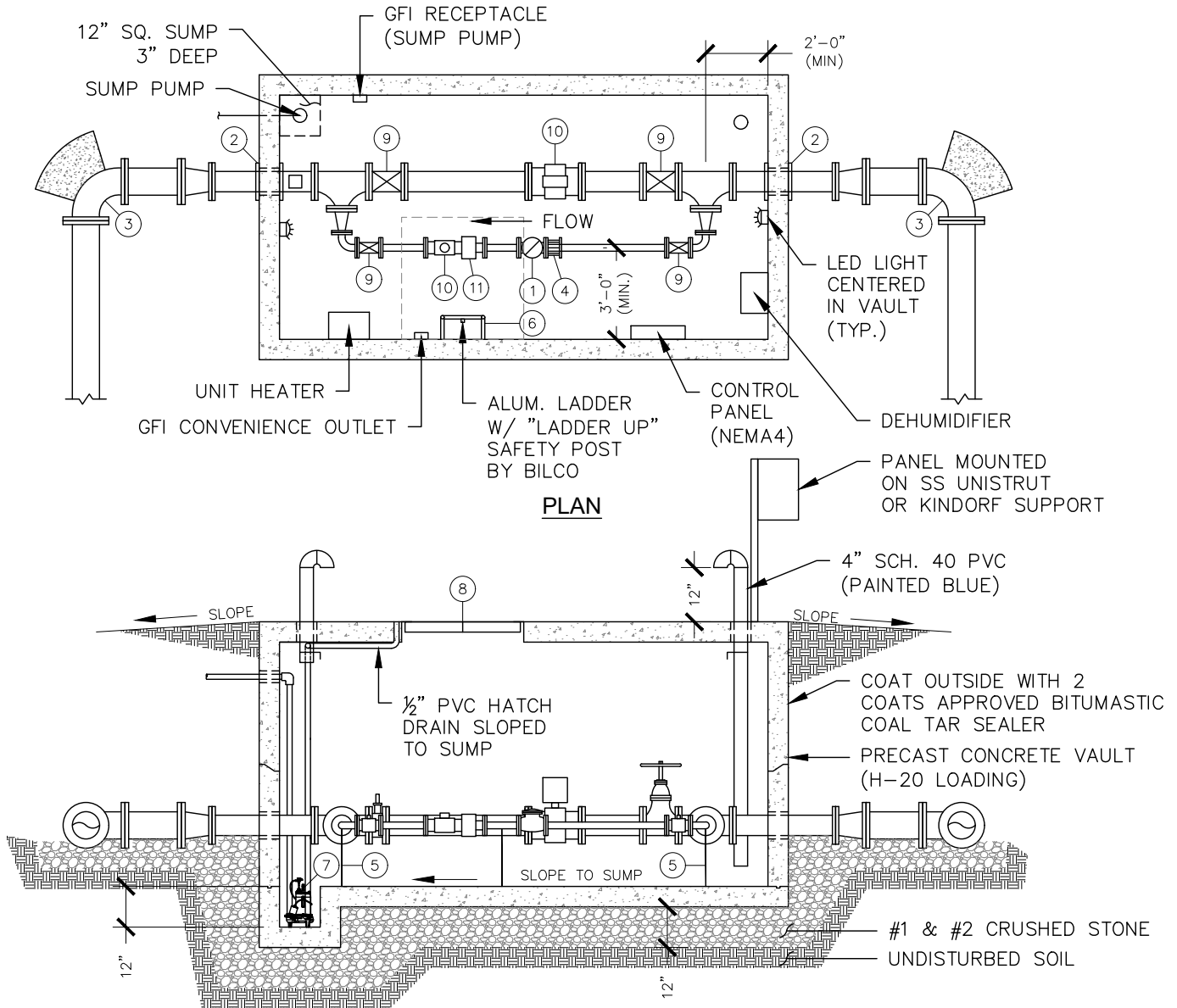
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 6.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



## SECTION

- |  |  |
|--|--|
| ① SURGEBUSTER SWING CHECK VALVE (FL-FL)            | ⑧ EJ ALN1 ALUMINUM HATCH (3'-0" x 3'-0") PEDESTRIAN LOADING* |
| ② SOCKET CLAMPS                                    | ⑨ RESILIENT SEAT GATE VALVE (FL-FL) (MUELLER)                |
| ③ MJ ELBOW   | ⑩ BADGER RECORDALL COMPOUND METER OR FIRE SERVICE METER      |
| ④ FLANGE ADAPTOR                                   | ⑪ RECORDER PLATE STRAINER                                    |
| ⑤ PIPE SUPPORTS                                    |  |
| ⑥ ALUM. LADDER                                     |  |
| ⑦ SUMP PUMP OR GRAVITY DISCHARGE TO GROUND SURFACE |  |

NOTE: IF A GRAVITY DRAIN IS POSSIBLE, ELIMINATE ALL ELECTRIC.

\*NOTE: PROVIDE EQUIVALENT H-20 RATED ACCESS HATCH WHEN VAULT IS TO BE LOCATED WITHIN THE R.O.W.

## TYPICAL WATER METER VAULT

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 7.0**

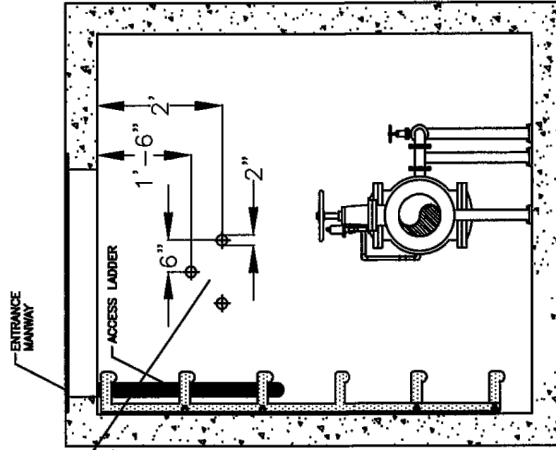
DATE: 2024

SCALE: N.T.S.

**MRB** group

ITEM	DESCRIPTION
1	PRECAST CONCRETE VAULT 7'X7'X7' ID
2	PPE 8"
3	UNION FLANGE 8"
4	WALL PENETRATION CLOSURE TYP.
5	GATE VALVE 8" TYP.
6	PRESSURE REDUCING VALVE 8"
7	ALUMINUM ACCESS LADDER
8	HATCH 3'-6" X 3'
9	2" Model 23WR PRV
10	PRESSURE GAUGE 1/2" TAP & BALL VALVE

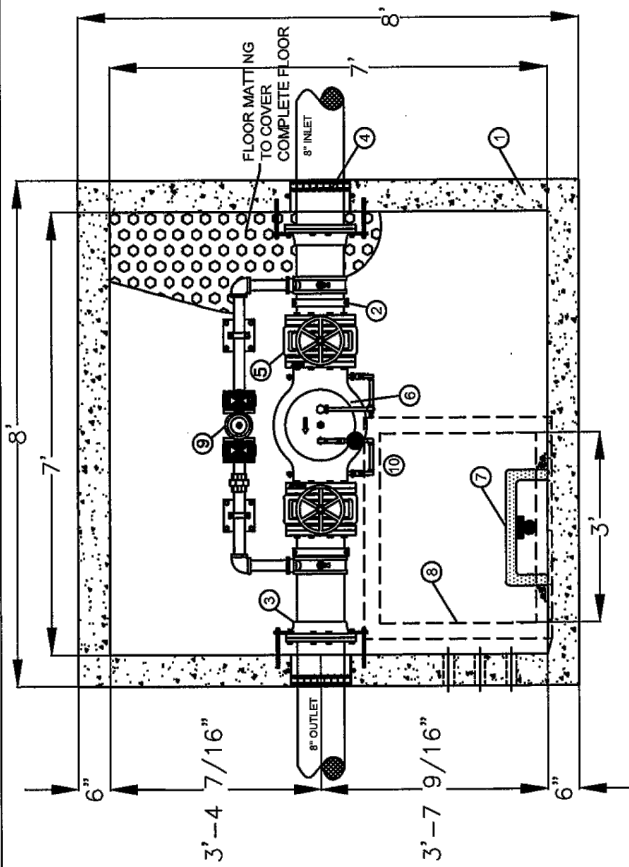
NOTES:  
 - VAULT FLOOR SLOPES TO SUMP  
 - INTERIOR & EXTERIOR SANDBLASTED & COATED.



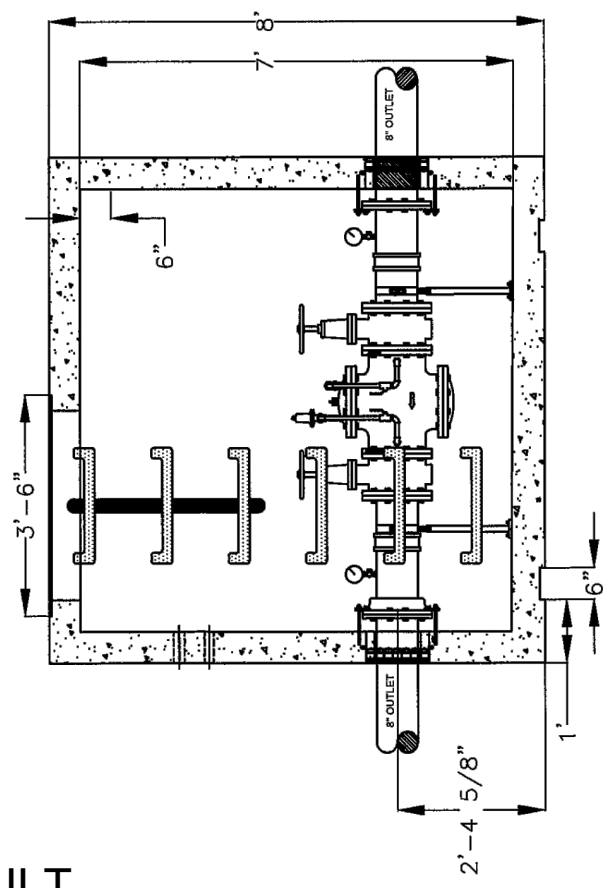
**ROSS VALVE Mfg. Co., Inc.**  
 6 OAKWOOD AVENUE - TROY, NEW YORK, 12180 - TEL. (518) 274 0961  
 POST OFFICE BOX 595 - TROY, NEW YORK, 12181 - FAX (518) 274 0210  
 WEBSITE: www.rossvalve.com - E-MAIL: sales@rossvalve.com

DRAWING 08-40WR 02-98EP WITH HATCH DATE 9-24-08 CSV  
 GLOBE BODY 8" NO SCALE FIGURE

PRV VALVE VAULT 8" with 2" 98EP By-pass  
 TRYON DROUGHT RELIEF



PRV VAULT



# TOWN OF FARMINGTON

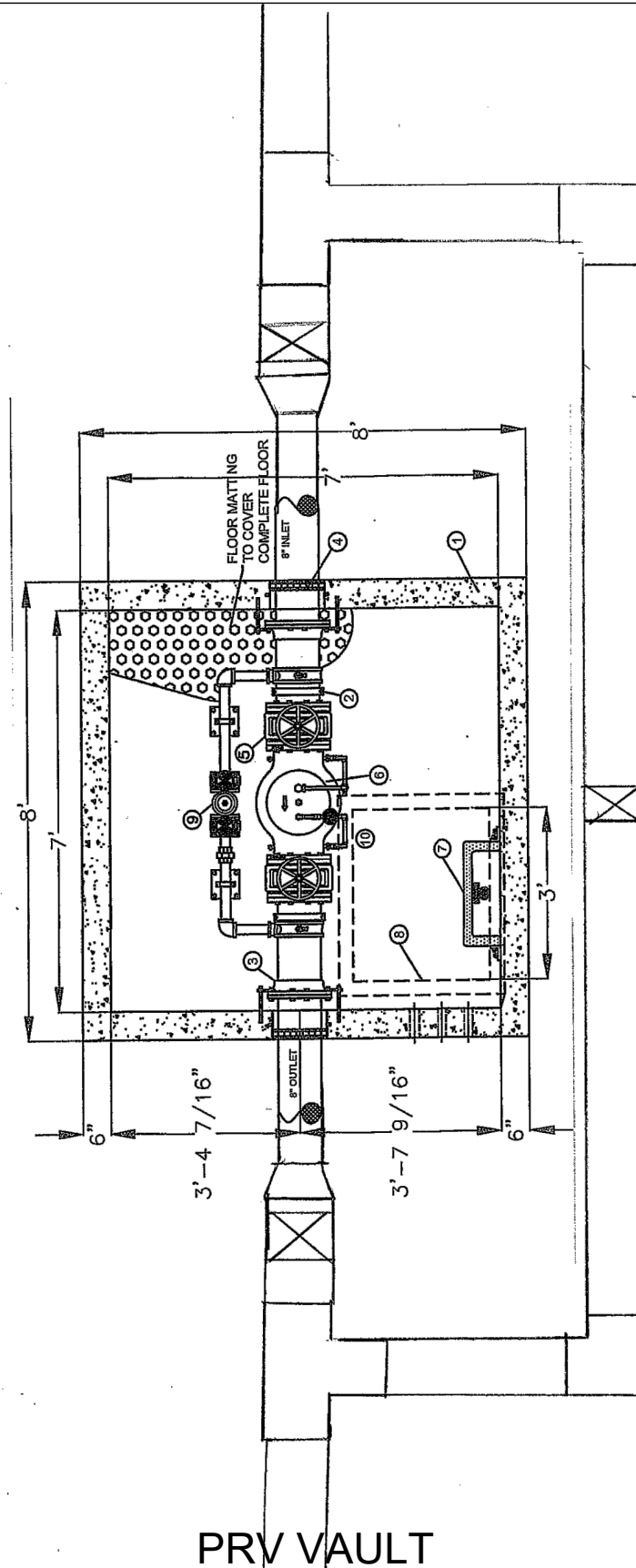
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 7.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



# TOWN OF FARMINGTON

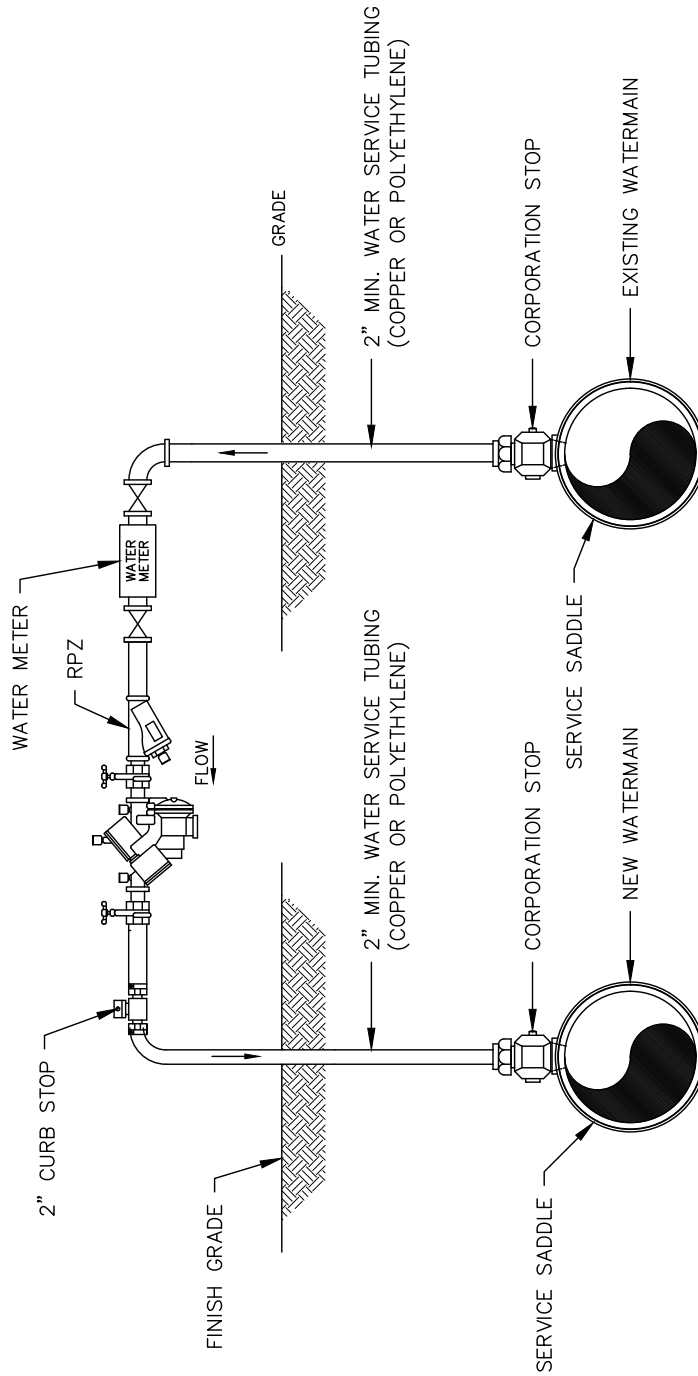
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 8.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

1. SUPPLY DISINFECTION AND BLOW OFF TUBING SHALL BE SIZED PER AWWA STANDARDS. CONNECTIONS USED FOR FLUSHING WATERMAINS MUST BE SIZED TO MEET AWWA STANDARDS C-651 VELOCITY SPECIFICATIONS.
2. BACKFLOW PROTECTION SHALL BE INSTALLED BEFORE ANY USE OF THE MUNICIPAL WATER SUPPLY.
3. FIRE HYDRANT MAY BE USED IN PLACE OF A SUPPLY TUBING FROM THE EXISTING MAIN.
4. THE WATER AND SEWER DEPARTMENT RESERVES THE RIGHT TO MODIFY THESE REQUIREMENTS.

**WATERMAIN CHLORINATION DETAIL**

# TOWN OF FARMINGTON

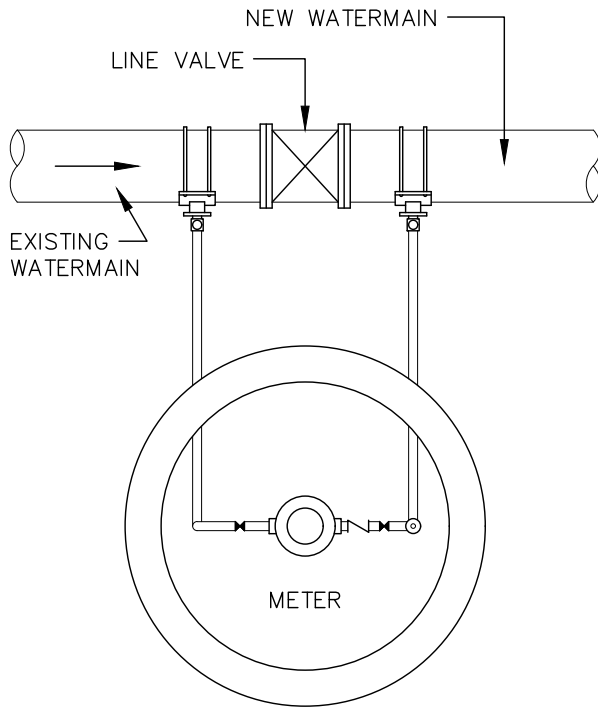
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 9.0**

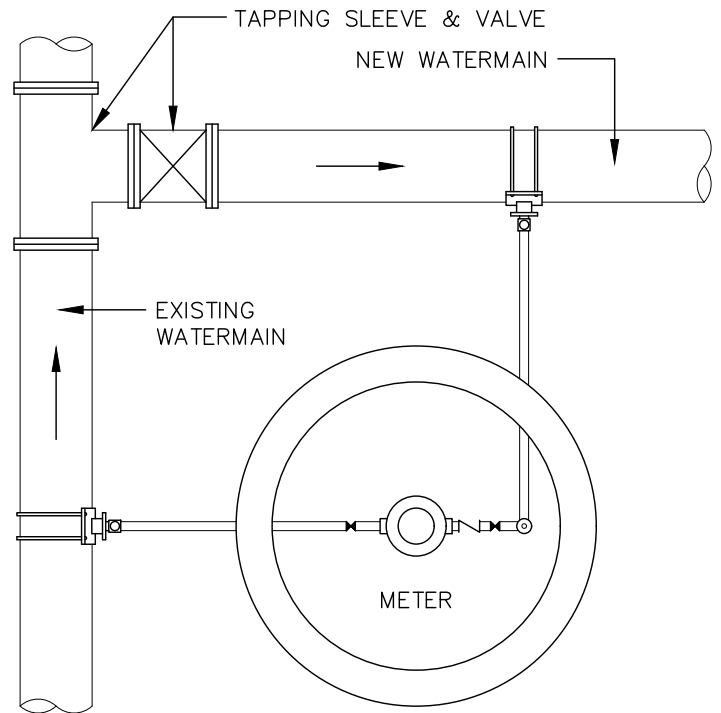
DATE: 2024

SCALE: N.T.S.

**MRB** | group



EXTENDING EXISTING MAIN

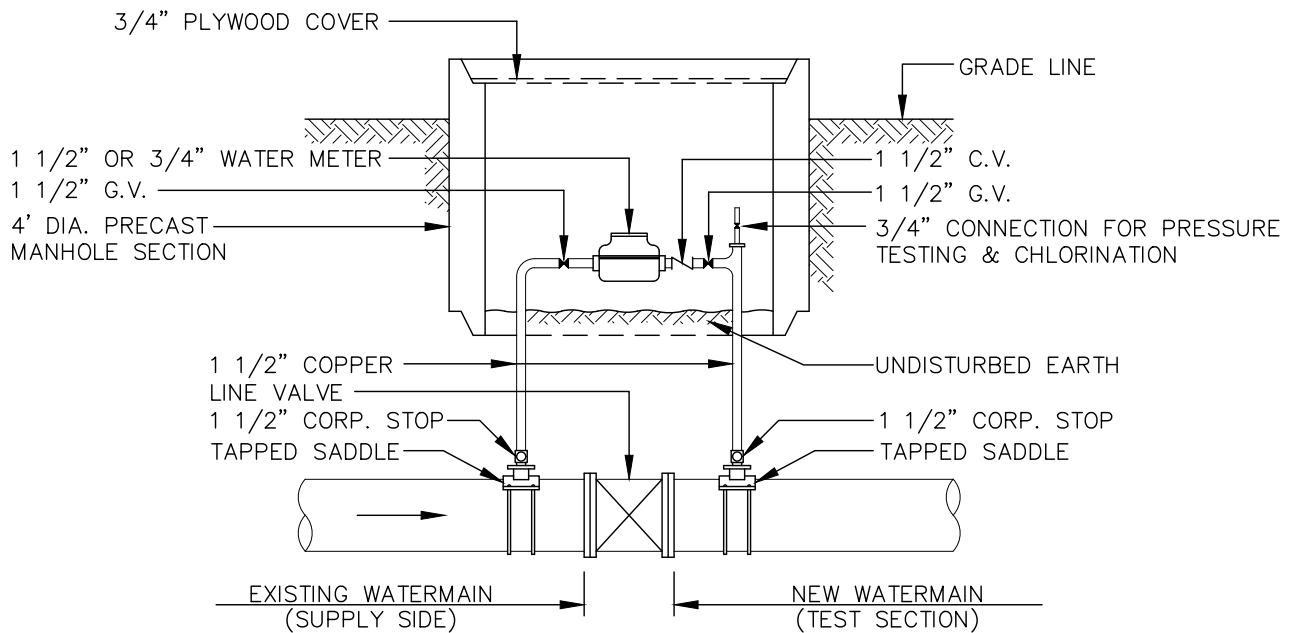


TAPPING EXISTING MAIN

PLAN

NOTES:

1. INSTALL 1 1/2" METER FOR PRESSURE TESTING AND CHLORINATION. REMOVE AND INSTALL 3/4" METER FOR LEAKAGE TESTING.
2. LINE VALVE TO REMAIN CLOSED UNTIL WATER SYSTEM IS ACCEPTED.



SECTION

## TEMPORARY TESTING METER DETAIL



TOWN OF  
**FARMINGTON**

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 10.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*

1. TEST PRESSURE TO BE 150 P.S.I. OR 1.5 x WORKING PRESSURE, WHICHEVER IS GREATER.
2. PRESSURE TESTS SHALL BE CONDUCTED SO THE PIPE SECTIONS ARE WITHIN 10 PSI OF THE TEST PRESSURE LOCATION.
3. PRESSURE TESTS SHALL BE CONDUCTED FOR A MINIMUM OF 2 HOURS WITH NO ALLOWABLE LOSS.

**WATERMAIN PRESSURE TEST**

# TOWN OF FARMINGTON

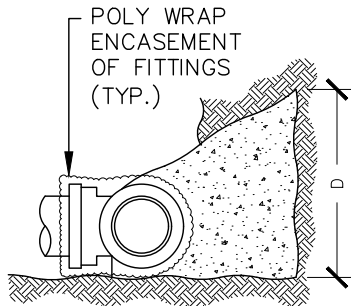
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 11.0**

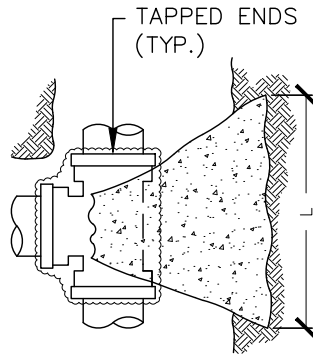
DATE: 2024

SCALE: N.T.S.

**MRB** | group

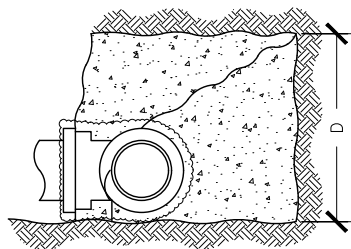
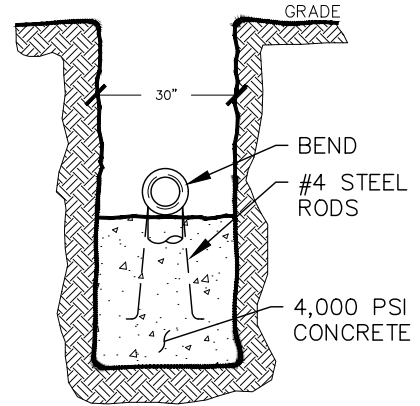


SECTION



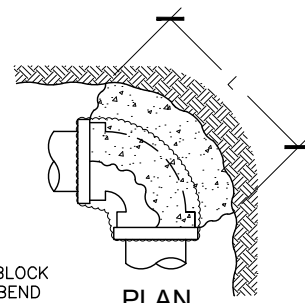
PLAN

TEE



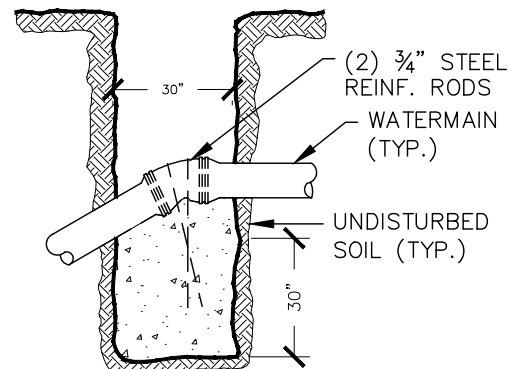
SECTION

TYPICAL THRUST BLOCK SHOWN FOR 90° BEND



PLAN

BEND



VERTICAL

## WATERMAIN THRUST BLOCK DETAIL

PIPE SIZE (INCHES)	WORKING PRESSURE (PSIG)	TEE OF PLUG		90° BEND		45° BEND		22-1/2° BEND	
		L	D	L	D	L	D	L	D
4	150	2.00	1.25	2.75	1.25	2.00	1.00	1.25	.75
	250	2.75	1.50	3.00	2.00	2.50	1.25	1.50	1.00
6	150	2.75	2.00	4.00	2.00	2.75	1.50	2.25	1.00
	250	4.00	2.25	5.25	2.50	3.50	2.00	2.75	1.25
8	150	4.50	2.25	5.25	2.75	3.75	2.00	3.75	2.00
	250	5.50	3.00	6.75	3.50	5.25	2.50	3.75	1.75
10	150	5.25	3.00	6.75	3.25	4.75	2.50	3.50	1.75
	250	7.50	3.50	8.75	4.25	6.25	3.25	4.50	2.25
12	150	6.50	3.50	8.00	4.00	5.75	3.00	4.50	2.00
	250	8.75	4.25	10.25	5.25	7.75	3.75	5.25	2.75
14	150	7.75	4.00	9.00	4.75	6.75	3.50	5.00	2.40
	250	10.25	5.00	12.00	6.00	8.75	4.50	6.25	3.25
16	150	9.00	4.50	10.75	5.25	7.75	4.00	5.75	2.75
	250	11.50	5.75	14.00	6.75	10.25	5.00	7.00	3.75

NOTES:

1. ALL DIMENSIONS ARE IN FEET.
2. BEARING AREAS ARE BASED ON ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.
3. HEIGHT OF THRUST BLOCK SHOULD BE EQUAL TO OR LESS THAN 1/2 THE DEPTH FROM THE GROUND SURFACE TO THE BASE OF THE BLOCK.
4. ALL THRUST BLOCKS SHALL CURE A MINIMUM OF SEVEN (7) DAYS BEFORE ANY PRESSURE TESTS ARE CONDUCTED.
5. CONCRETE SHALL BE MINIMUM 3000 PSI.
6. RESTRAINING RODS MAY BE USED IN LEIU OF THRUST BLOCKS. METHOD TO USED SHALL BE APPROVED BY ENGINEER PRIOR TO PLACEMENT.

## WATERMAIN THRUST BLOCK SCHEDULE

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 11.1**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

PIPE SIZE (INCHES)	90° BEND	45° BEND	22.5° BEND	11.25° BEND	SIZE ON SIZE TEE	DEAD END
4	13 FT.	—	—	—	—	29 FT.
6	17 FT.	8 FT.	4 FT.	3 FT.	BR.	36 FT.
8	22 FT.	10 FT.	5 FT.	3 FT.	3 FT.	48 FT.
12	33 FT.	14 FT.	7 FT.	4 FT.	23 FT.	76 FT.
14	38 FT.	16 FT.	7 FT.	4 FT.	32 FT.	97 FT.
16	44 FT.	18 FT.	9 FT.	4 FT.	46 FT.	110 FT.

**NOTES:**

1. RECOMMENDED RESTRAINED LENGTHS FOR STRAIGHT TEES ASSUME A MINIMUM 10' LENGTH OF PIPE ATTACHED TO EACH SIDE OF THE RUN.
2. BR. ONLY INDICATES RESTRAINT AT TEE BRANCH ONLY.
3. ALL BENDS (DEGREE CHANGES) ARE CALCULATED AS HORIZONTAL.
4. DEAD-END SERVICE CONSTITUTES CAPS, PLUGS, VALVES AND HYDRANTS.

**HORIZONTAL BEND RESTRAINT**

PIPE SIZE (INCHES)	90° BEND	45° BEND	22.5° BEND	11.25° BEND
6	35/10	14/6	7/3	4/2
8	45/13	22/10	11/5	5/2
12	65/19	31/14	16/7	7/3
14		40/16	19/8	10/4
16		45/18	22/9	11/4

**NOTES:**

1. ALL BENDS (DEGREE CHANGES) ARE CALCULATED AS VERTICAL. THE FIRST RESTRAINED LENGTH (FEET) IS FOR THE HIGH-SIDE BEND(S) AND THE SECOND RESTRAINED LENGTH (FEET) INDICATES THE LOW-SIDE BEND(S). LENGTHS WERE CALCULATED USING A CONSISTENT 5 FOOT DEPTH OF COVER FOR THE WATERMAIN.

**VERTICAL BEND RESTRAINT**

PIPE SIZE (INCHES)	TEE (REDUC.)	STRAIGHT REDUCER
8 X 4	BR.	55/29
8 X 6	BR.	22/17
12 X 6	BR.	81/42
12 X 8	BR.	54/36
12 X 10	BR.	20/17
16 X 10	BR.	48/30
16 X 12	BR.	29/32

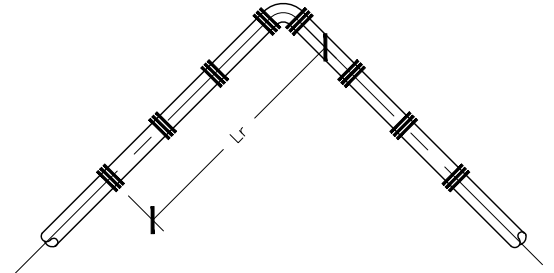
PIPE SIZE (INCHES)	VALVE LR
6	40'
8	40'
12	76'
14	97'
16	110'

**RESTRAINED LENGTHS FOR REDUCING FITTINGS**

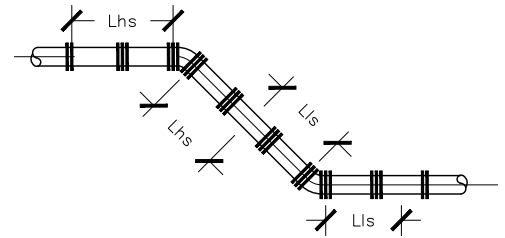
**RESTRAINED LENGTHS FOR VALVES**

**NOTES:**

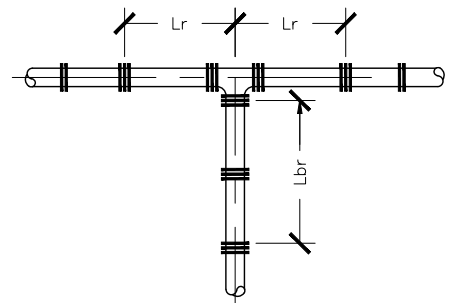
1. RECOMMENDED RESTRAINED LENGTHS FOR STRAIGHT TEES ASSUME A MINIMUM 10' LENGTH OF PIPE ATTACHED TO EACH SIDE OF THE RUN.
2. BR. ONLY INDICATES RESTRAINT AT TEE BRANCH ONLY.
3. STRAIGHT REDUCER UNOBSTRUCTED RESTRAINED LENGTHS OFFER THE OPTION OF RESTRAINING RECOMMENDED DISTANCES ON THE SMALL-END SIDE (FIRST RESTRAINED LENGTH PROVIDED) OR THE LARGE-END SIDE (SECOND RESTRAINED LENGTH PROVIDED).



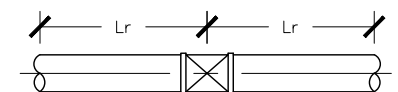
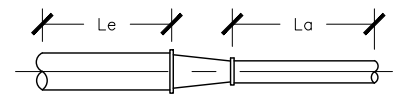
**HORIZONTAL BEND**



**VERTICAL DOWN BEND AND OFFSET**



**TEE**



## **MECHANICAL JOINT PIPE RESTRAINTS**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 12.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group

CONDITION	SCHEMATIC	REQUIREMENTS
<p>I</p> <p>WATER LINE ABOVE SEWER LINE</p>		<p>A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM.</p> <p>B) BACKFILL WITH COMPACTED CRUSHER RUN STONE.</p>
<p>II</p> <p>WATER LINE ABOVE SEWER LINE</p>		<p>A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM.</p> <p>B) WHEN BOTH WATER LINE AND SEWER LINE ARE NEW, SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING.</p> <p>C) WHEN ONE LINE IS EXISTING, SLEEVE PIPE BEING INSTALLED WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING.</p> <p>D) BACKFILL WITH COMPACTED CRUSHER RUN STONE.</p>
<p>III</p> <p>SEWER LINE ABOVE WATER LINE</p>		<p>A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM.</p> <p>B) SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING.</p> <p>C) PROVIDE CRADLE OF CONCRETE OR CRUSHER RUN STONE (SEE TRENCH DETAIL BELOW) FOR WATER LINE AND SEWER LINE FOR 10 FT. EACH SIDE OF CROSSING.</p>
<p><b>NOTES</b></p> <p>WL (WATER LINE) SL (SEWER LINE) D (OUTSIDE DIAMETER OF PIPE)</p> <p>IN NO CASE SHALL PIPES BE CLOSER THAN 18" APART. DISTANCES ARE MEASURED BETWEEN OUTSIDES OF PIPE.</p>		

## WATERMAIN / SEWER CROSSING DETAIL

# TOWN OF FARMINGTON

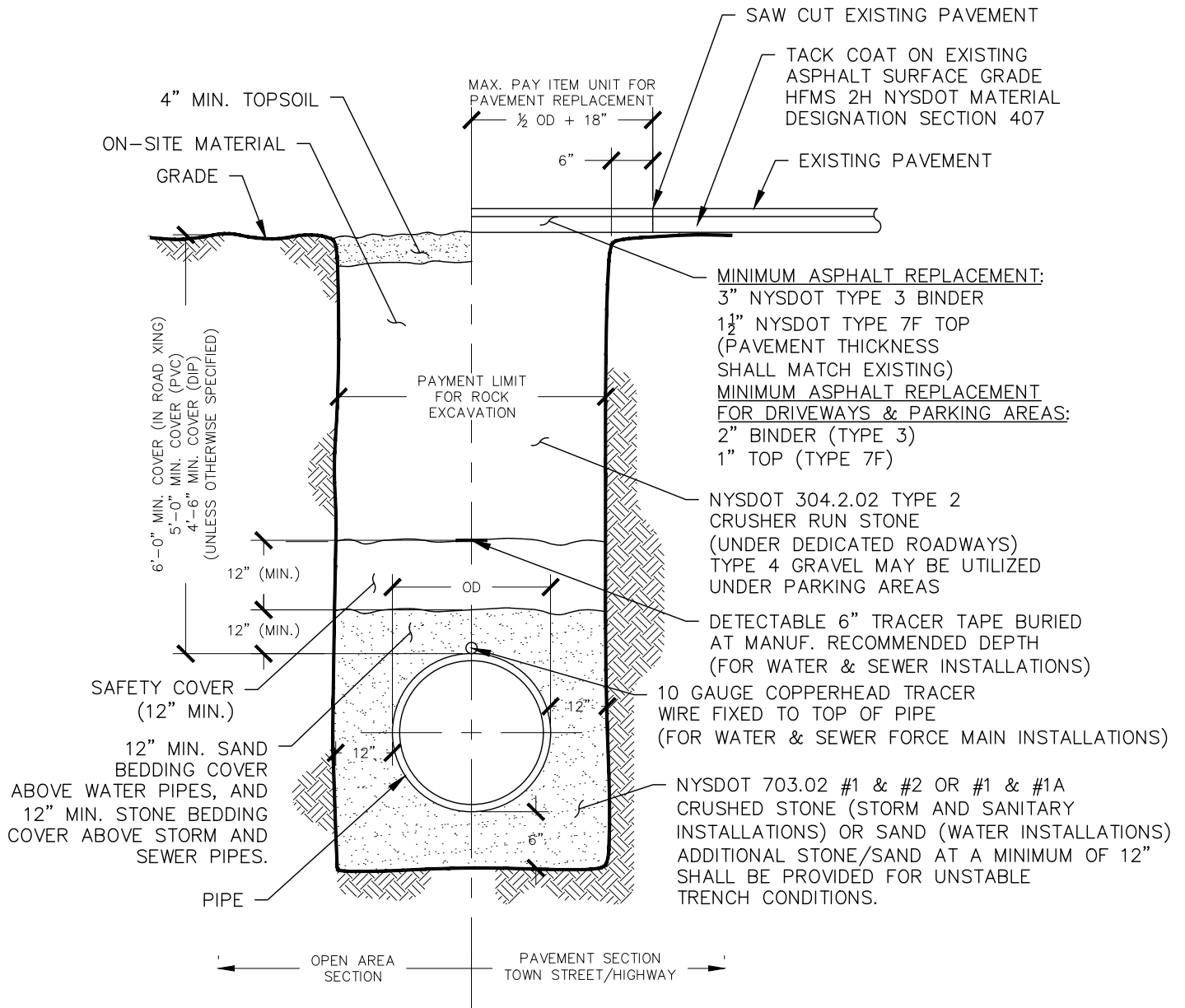
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 13.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**NOTES:**

- BACKFILL AND BEDDING MATERIALS SHALL BE AS INDICATED ABOVE OR AS SPECIFIED BY THE WATER SUPERINTENDENT.

## TRENCH DETAIL

# TOWN OF FARMINGTON

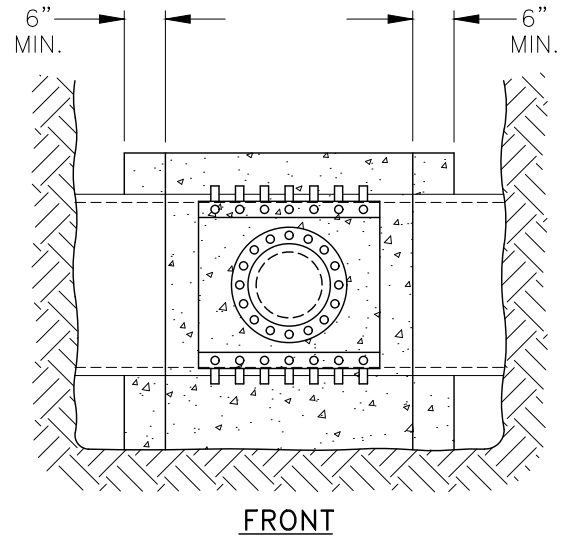
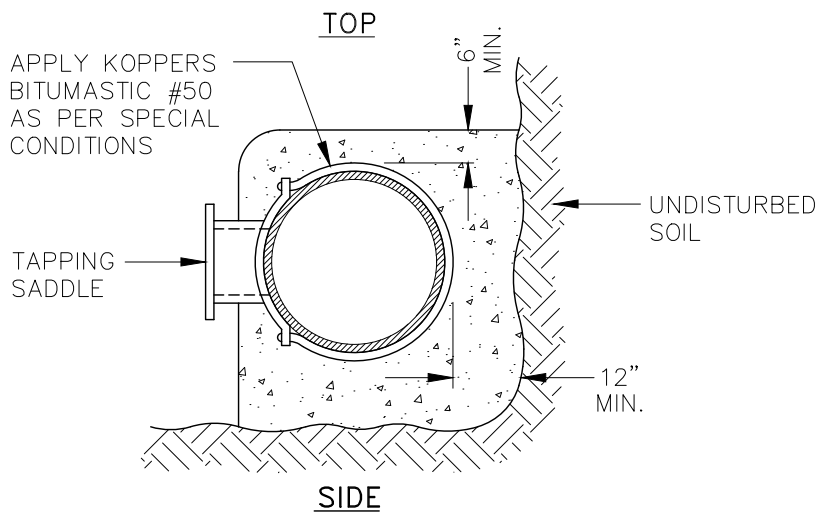
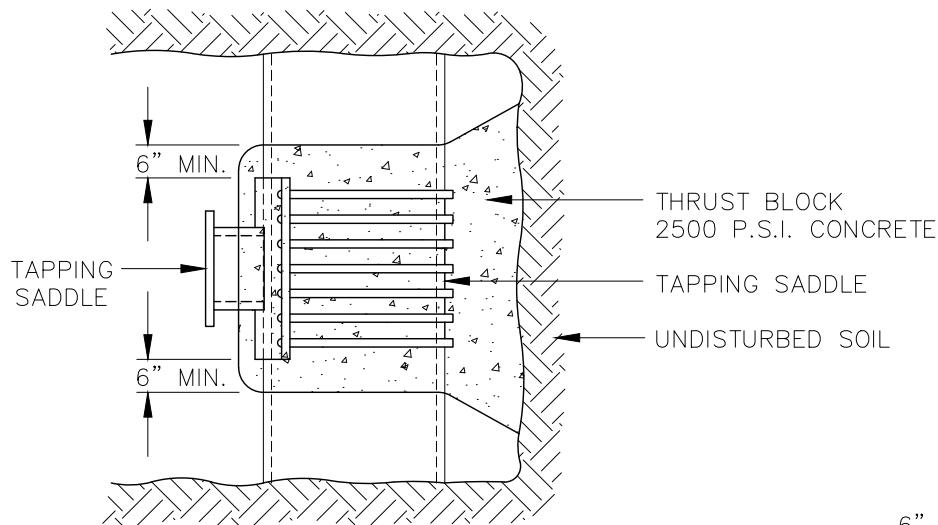
1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 14.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | group



**TYPICAL TAPPING SADDLE  
FOR 6" & LARGER WATER MAINS**

# TOWN OF FARMINGTON

1000 County Road #8  
Farmington, NY 14425  
(315) 986-8100

APPENDIX: **W - 15.0**

DATE: 2024

SCALE: N.T.S.

**MRB** | *group*



#### NOTES:

1. USE RECORDALL FIRE SERIES ASSEMBLIES W/ DISC BYPASS AND OPTIONAL FLUSHING VALVE, OR APPROVED EQUAL.
2. REFER TO DETAIL W-6.0, TYPICAL WATER METER VAULT, FOR TYPICAL USAGE AND LOCATION.
3. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS. INSTALL ONLY IN THE HORIZONTAL CONFIGURATION. USE ONLY THE LIFTING POINTS SPECIFIED BY THE MANUFACTURER.
4. PROVIDE SUFFICIENT CLEARANCE AROUND METER TO ALLOW FOR FUTURE MAINTENANCE AND REPAIR.
5. PROVIDE SUPPORTS WHEN APPROPRIATE OR AS REQUESTED BY WATER SUPERINTENDENT.

**FIRE SERVICE METER**

# TOWN OF FARMINGTON

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Farmington, NY 14425  
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APPENDIX: **W - 16.0**

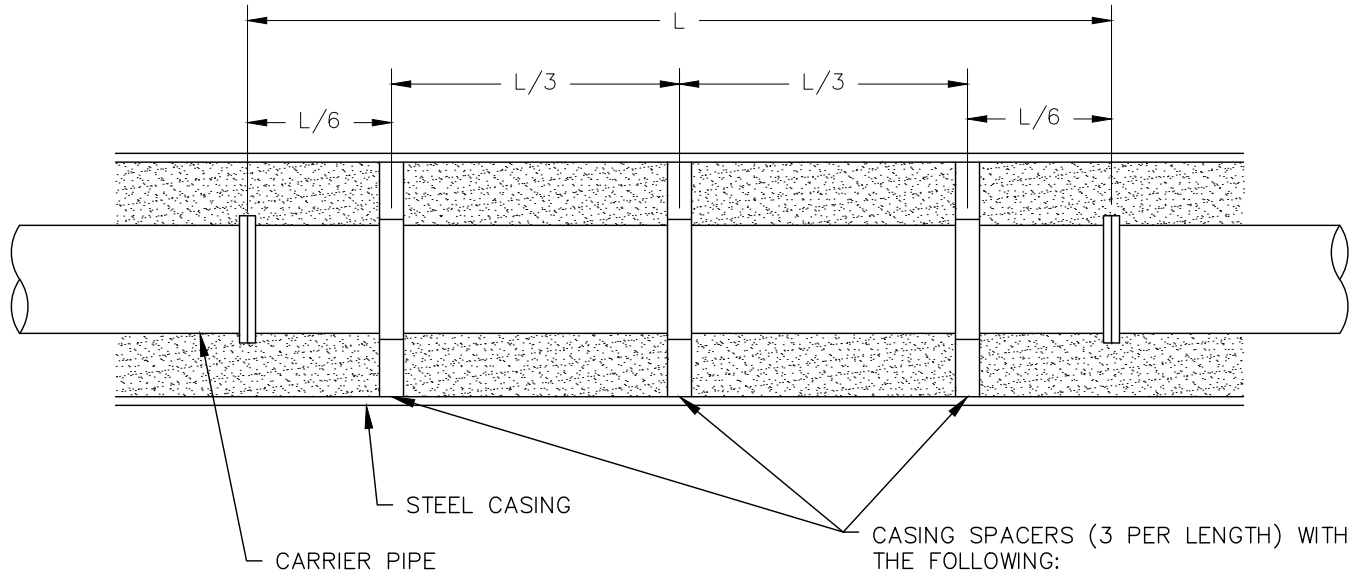
DATE: 2024

SCALE: N.T.S.

**MRB** | group

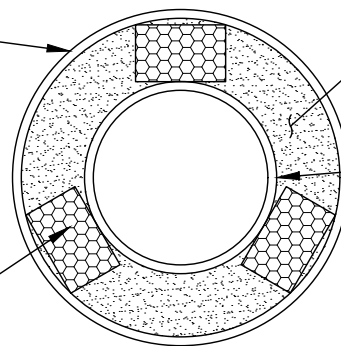
**NOTE:**

12' MAX. DISTANCE BETWEEN SPACERS.  
CASING SPACERS SHALL BE SPACED A  
MINIMUM OF 1'-0" FROM EACH SIDE OF  
JOINT.



- 14 GAUGE T304 STAINLESS CLAMPS
- PVC LINERS
- STAINLESS STEEL BOLTS
- POLYMER RUNNERS

WELDED, COATED STEEL SLEEVE  
PER ASTM A-139 JACKED OR  
BORED UNDER ROAD



FILL ALL VOIDS WITH FLOWABLE FILL

WATERMAIN OR SEWER MAIN

SPACERS ATTACHED TO MAIN  
TO FACILITATE INSTALLATION

MAIN SIZE	MINIMUM CASING O.D.	MIN. WALL THICKNESS FOR STEEL CASING
4"	10"	0.188"
6"	12"	0.188"
8"	16"	0.239"
12"	20"	0.281"
16"	26"	0.375"

## PIPE CASING DETAIL