

FINAL SECTION 1 SUBDIVISION PLANS

LEHIGH RIDGE

DWG. No.	TITLE	DWG. No.	TITLE
2728A-01	COVER SHEET	2728A-23	LATERAL PLAN 01
2728A-02	SUBDIVISION PLAT 01	2728A-24	LATERAL PLAN 02
2728A-03	SUBDIVISION PLAT 02	2728A-25	LATERAL PLAN 03
2728A-04	SUBDIVISION PLAT 023	2728A-26	LANDSCAPE PLAN 01
2728A-05	OVERALL SUBDIVISION PLAT	2728A-27	LANDSCAPE PLAN 02
2728A-06	EXISTING CONDITIONS PLAN 01	2728A-28	LANDSCAPE PLAN 03
2728A-07	EXISTING CONDITIONS PLAN 02	2728A-29	LANDSCAPE PLAN 04
2728A-08	EXISTING CONDITIONS PLAN 03	2728A-30	PROFILE SHEET 01
2728A-09	EXISTING CONDITIONS PLAN 04	2728A-31	PROFILE SHEET 02
2728A-10	UTILITY PLAN 01	2728A-32	PROFILE SHEET 03
2728A-11	UTILITY PLAN 02	2728A-33	PROFILE SHEET 04
2728A-12	UTILITY PLAN 03	2728A-34	DETAIL SHEET 01
2728A-13	UTILITY PLAN 04	2728A-35	DETAIL SHEET 02
2728A-14	GRADING PLAN 01	2728A-36	DETAIL SHEET 03
2728A-15	GRADING PLAN 02	2728A-37	DETAIL SHEET 04
2728A-16	GRADING PLAN 03	2728A-38	DETAIL SHEET 05
2728A-17	GRADING PLAN 04	2728A-39	DETAIL SHEET 06
2728A-18	CONSTRUCTION EROSION CONTROL PLAN 01		
2728A-19	CONSTRUCTION EROSION CONTROL PLAN 02		
2728A-20	CONSTRUCTION EROSION CONTROL PLAN 03		
2728A-21	CONSTRUCTION EROSION CONTROL PLAN 04		
2728A-22	CONSTRUCTION EROSION CONTROL PLAN 05		

LEHIGH RIDGE

FINAL SECTION 1

TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE

PREPARED FOR:
LEHRWOOD ESTATES, LLC

1112 EAST RIVER ROAD
AVON, NEW YORK 14414

SCALE: 1"=150'
DRAWING NUMBER: 2728A_01
DATED: AUGUST 15, 2023

APPROVALS

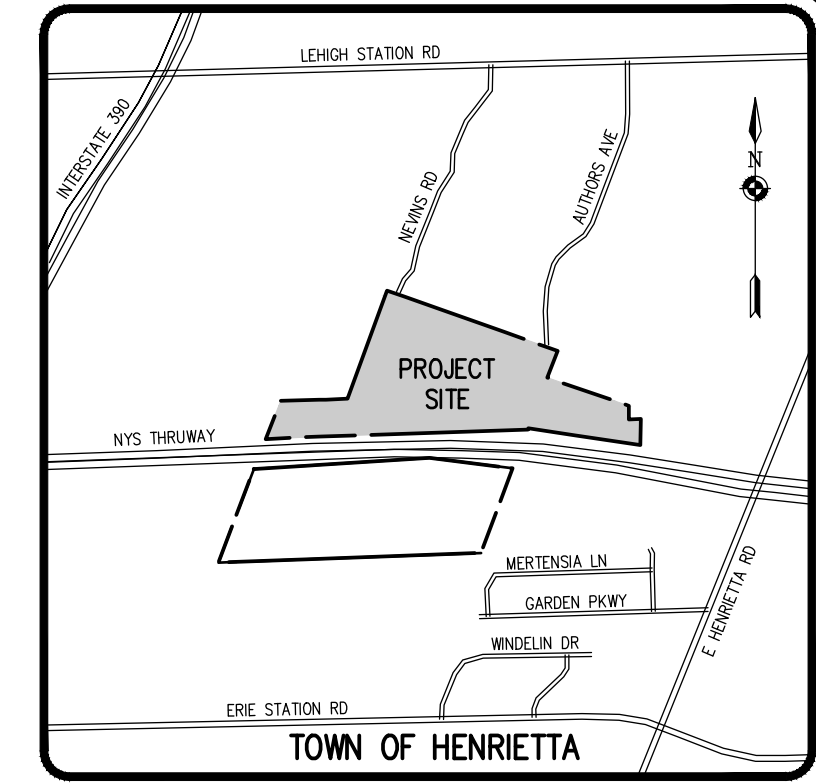
BY: _____	DATE: _____
PLANNING BOARD CHAIRMAN	
BY: _____	DATE: _____
DIRECTOR OF ENGINEERING AND PLANNING	
BY: _____	DATE: _____
COMMISSIONER OF PUBLIC WORKS	

BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS

10 LIFT BRIDGE LANE EAST
FAIRPORT, NEW YORK 14450
WWW.BMEPC.COM

PHONE 585-377-7360
FAX 585-377-7309

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the State Office of Professional Services a notice of alteration, and a specific description of the alteration."



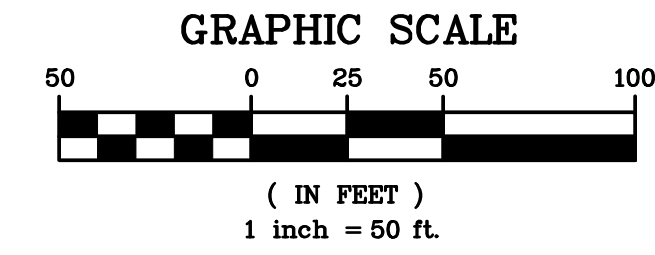
LOCATION MAP
N.T.S.

REVISIONS	DATE	BY

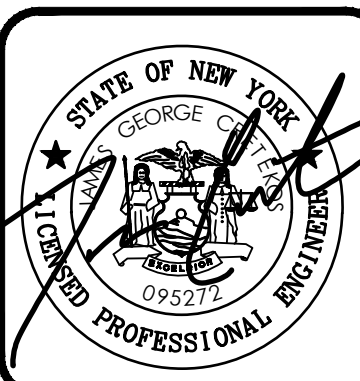
1. THE PROPOSED FACILITIES FOR WATER SUPPLY AND SEWAGE TREATMENT ARE INSTALLED IN CONFORMANCE WITH THE APPROVED PLANS ON FILE WITH THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH (MCPHA).
2. AN ORIGINAL REALTY SUBDIVISION MAP APPROVED THIS DATE SHALL BE FILED IN THE OFFICE OF THE CLERK OF MONROE COUNTY PRIOR TO OFFERING LOTS FOR SALE.
3. THE OWNER OF THE REALTY SUBDIVISION SHALL FURNISH EACH PURCHASER OF A LOT WITH A COPY OF THE APPROVED PLAN OR, IN THE CASE OF SALE OF DEVELOPED LOTS, THE OWNER OF THE REALTY SUBDIVISION SHALL FURNISH EACH PURCHASER WITH AN ACCURATE "AS-BUILT" PLAN DEPICTING ALL INSTALLED FACILITIES INCLUDING SEWAGE, STORM WATER, AND WATER SUPPLY.
4. ADEQUATE EROSION/SILTATION CONTROL MEASURES SHALL BE EMPLOYED PRIOR TO AND DURING CONSTRUCTION. IF THE PROJECT WILL RESULT IN THE DISTURBANCE OF ONE ACRE OR MORE, COVERAGE UNDER THE NYSDOT SPECIAL GENERAL PERMIT (SP-1) IS REQUIRED FOR STORMWATER DISCHARGES FOR CONSTRUCTION ACTIVITIES SHALL BE OBTAINED.
5. NO LOT OR REMAINING LAND (IF APPLICABLE) SHALL BE SUBDIVIDED WITHOUT PLANS FOR SUCH RE-SUBDIVISIONS BEING SUBMITTED TO AND APPROVED BY THE MCPHA.
6. PLAN APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE MCPHA BASED UPON DEVELOPMENT FACTS AND THE REALTY SUBDIVISIONS REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
7. PRIVATE WALLS AND PRIVATE ON-SITE WASTEWATER TREATMENT SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED AFTER PUBLIC FACILITIES BECOME AVAILABLE.

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
REALTY SUBDIVISION APPROVAL
THIS IS TO CERTIFY THAT APPROVED PLANS FOR WATER SUPPLY AND SEWAGE DISPOSAL FOR THIS PROJECT ARE ON FILE IN THE OFFICE OF THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH CONSENT IS HEREBY GIVEN FOR THE FILING OF THIS MAP IN THE MONROE COUNTY CLERK'S OFFICE IN ACCORDANCE WITH ARTICLE III OF THE MONROE COUNTY SANITARY CODE.
DIRECTOR OF PUBLIC HEALTH
DATE

This plat is approved in accordance with the provisions of Section 239-K, Article 12-b of the General Municipal Law and/or the Monroe County Monumentation Law. A separate approval is required for site construction.
For the General Municipal Law:
County Highway Superintendent Date
For the Monroe County Monumentation Law:
Monroe County Surveyor's Office Date



BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
PHONE 585-377-7360
FAX 585-377-7369
30 LEBRONGUE LANE EAST
HENRIETTA, NY 14450
WWW.BMEARC.COM



LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE REALTY, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

PROJECT: LEHIGH RIDGE
LOCATION: TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
CLIENT: LEHIGH RIDGE REALTY, LLC
DRAWING TITLE: FINAL SECTION 1 SUBDIVISION PLAN

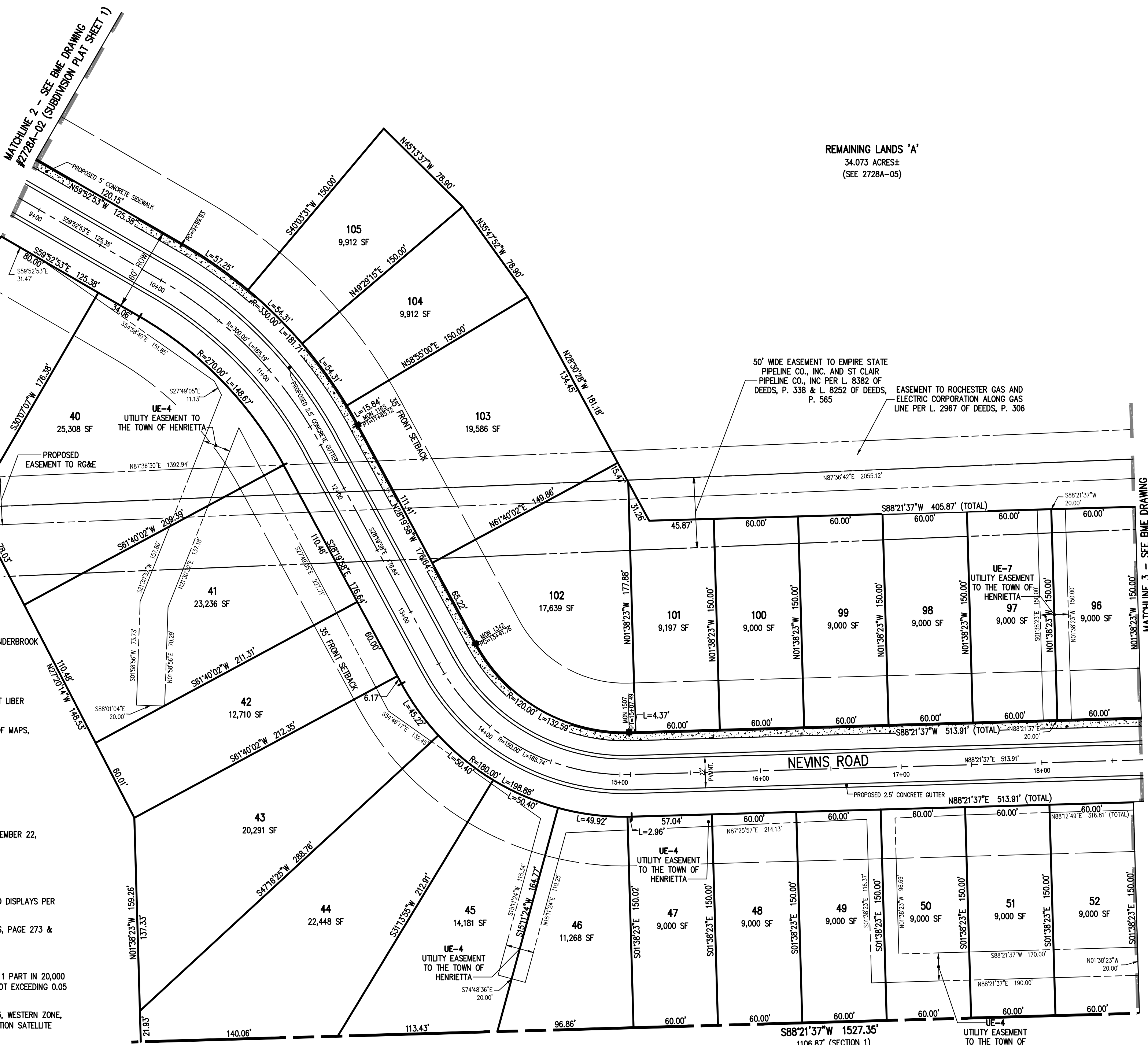
PROJECT MANAGER: PG VARS
DATE: _____
PROJECT SURVEYOR: G.D. BELL
DATE: _____
DRAWN BY: BC GOODING
DATE: _____
SCALE: 1"=50'
DATE ISSUED: AUGUST 15, 2023
PROJECT NO.: 2728A
DRAWING NO.: 03
(SHEET 2 OF 3)

- REFERENCES:
1. A PLAN ENTITLED "BOUNDARY SURVEY MAP SHOWING LANDS TO BE CONVEYED BY MICHAEL G. DEMARTINS, DENORAH VANDERBROOK & SANDRA HAYES" PREPARED BY GREGORY D. BLY, DATED NOVEMBER 11, 1996.
 2. A PLAN ENTITLED "PORTION OF LANDS OF BENEVOLENT & PROTECTIVE ORDER OF THE ELKS" PREPARED BY CORNWALL CONSULTANTS PC, DATED NOVEMBER 1994.
 3. A PLAN ENTITLED "GARDEN PARKWAY ESTATES, RE-SUBDIVISION MAP" FILED IN THE MONROE COUNTY CLERK'S OFFICE AT LIBER 224 OF MAPS, PAGE 36.
 4. PLAN ENTITLED "WOODFORD ON THE GREEN SUBDIVISION" FILED IN THE MONROE COUNTY CLERK'S OFFICE AT LIBER 171 OF MAPS, PAGES 5-6, LIBER 175 OF MAPS, PAGES 6-8, & LIBER 178 OF MAPS, PAGE 7.
 5. THE FOLLOWING NEW YORK STATE APPROPRIATION MAPS:
A. MAP 739 PARCEL 742
B. MAP 740 PARCEL 743
C. MAP 741 PARCEL 744
 6. DEED RECORDED IN THE MONROE COUNTY CLERK'S AT LIBER 12459 OF DEEDS, PAGE 515.
 7. ABSTRACT OF TITLE PREPARED BY STEWART TITLE INSURANCE COMPANY, HAVING ORDER NUMBER 81119293, DATED SEPTEMBER 22, 2020.
- SURVEY NOTES:
1. T.A. No. 175.20-1-86 BENEFITED BY A 40' WIDE ACCESS EASEMENT PER LIBER 8565 OF DEEDS, PAGE 284.
 2. PARCEL SUBJECT TO AN EASEMENT RESTRICTING COMMERCIAL SIGNS, BILLBOARDS, AND OTHER ADVERTISING DEVICES AND DISPLAYS PER REF. 5.
 3. PARCEL SUBJECT TO A GASMAIN EASEMENT TO ROCHESTER GAS AND ELECTRIC CORPORATION PER LIBER 2964 OF DEEDS, PAGE 273 & LIBER 2967 OF DEEDS, PAGE 306.
 4. PARCEL SUBJECT TO A MAINTENANCE AGREEMENT PER LIBER 9766 OF DEEDS, PAGE 549.
 5. THE PROJECT BOUNDARY SURVEY WAS MADE USING PROCEDURES NECESSARY TO ACHIEVE A HORIZONTAL ACCURACY OF 1 PART IN 20,000 (1:20,000) OR BETTER PROPORTIONAL ACCURACY AND A NETWORK POSITIONAL ACCURACY AT 95% CONFIDENCE LEVEL NOT EXCEEDING 0.05 FEET.
- THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM OF 1983, WESTERN ZONE, TRANSVERSE MERCATOR PROJECTION, NAD 83 (2011) UTILIZING GLOBAL POSITIONING SYSTEM (GPS) (OR) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) OBSERVATIONS FROM NYSDOT REFERENCE NETWORK CORRS STATION (NYFF 0032).
- | MONUMENTATION: | PUBLISHED NAD '22: | MEASURED NAD '83: |
|-------------------|----------------------------------|------------------------------------|
| 060 (NYGS) 1936 | N= 1,112,821.31
E= 761,264.45 | N= 1,112,859.98
E= 1,409,822.94 |
| 062-1 (NYGS) 1936 | N= 1,113,396.41
E= 758,378.25 | N= 1,113,435.31
E= 1,406,736.44 |
- BEARINGS SHOWN HEREON ARE GRID
DISTANCES SHOWN HEREON ARE GRID
CORNER FACTOR = 0.999983
- WE, BME ASSOCIATES, CERTIFY THAT THIS MAP WAS PREPARED FROM THE NOTES OF AN INSTRUMENT SURVEY COMPLETED BY US ON DECEMBER 1, 2020 AND FROM THE REFERENCES NOTED HEREON. THIS MAP OR PLAN AND THE SURVEY UPON WHICH IT WAS BASED MEETS THE NYLSA 2017 MINIMUM STANDARDS FOR A SURVEY MAP.
THIS MAP IS SUBJECT TO ANY FACTS THAT MAY BE REVEALED BY SOURCES OTHER THAN THOSE REFERENCED HEREON.
- BY: *Gregory D. Bell*
GREGORY D. BELL, NYSPLS NO. 050661



- LEGEND
- BOUNDARY LINE
 - PROPOSED LOT LINE
 - CENTERLINE
 - SETBACK LINE
 - EXISTING EASEMENT LINE
 - PROPOSED EASEMENT LINE
 - PERIMETER OF WATER BODY
 - PROPERTY MARKER FOUND
 - PROPOSED SURVEY MONUMENT

NOT APPROVED
This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.



NEW YORK STATE THRUWAY
(RIGHT-OF-WAY WIDTH VARIES)

N/F
EMPIRE STATE THRUWAY PARTNERS LLC
T.A. No. 175.03-1-56

REMAINING LANDS 'A'
34.073 ACRES±
(SEE 2728A-05)

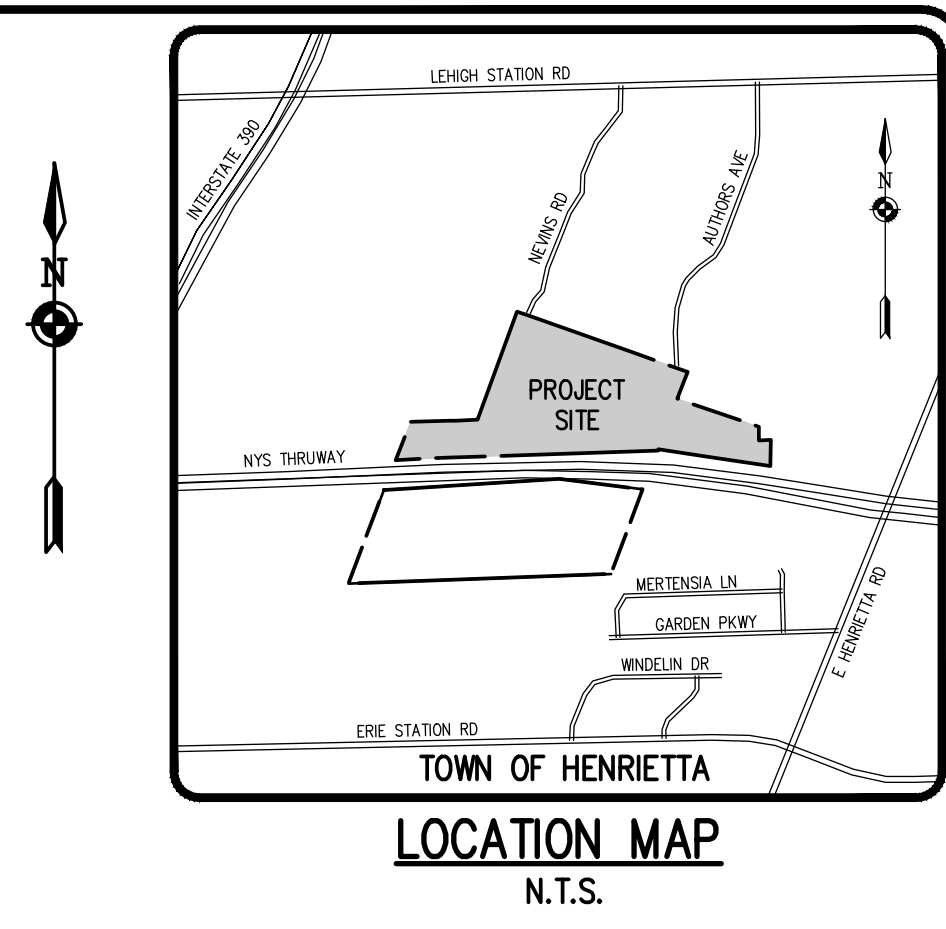
REMAINING LANDS 'B'
2.680 ACRES±
(SEE 2728A-05)

50' WIDE EASEMENT TO EMPIRE STATE PIPELINE CO., INC. AND ST CLAIR PIPELINE CO., INC PER L. 8382 OF DEEDS, P. 338 & L. 8252 OF DEEDS, P. 565
EASEMENT TO ROCHESTER GAS AND ELECTRIC CORPORATION ALONG GAS LINE PER L. 2967 OF DEEDS, P. 306

MATCHLINE 3 - SEE BME DRAWING #2728A-04 (SUBDIVISION PLAT SHEET 3)

- APPROVALS
- BY: _____ DATE: _____
DIRECTOR OF ENGINEERING AND PLANNING
- BY: _____ DATE: _____
COMMISSIONER OF PUBLIC WORKS
- BY: _____ DATE: _____
DRAINAGE, SEWERS, SIDEWALKS DEPARTMENT
- BY: _____ DATE: _____
DIRECTOR OF BUILDING/FIRE PREVENTION
- BY: _____ DATE: _____
MONROE COUNTY WATER AUTHORITY
- BY: _____ DATE: _____
FIRE MARSHAL

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
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NO.	DATE	BY
7		
6		
5		
4		
3		
2		
1		

REFERENCES:

- 1. A PLAN ENTITLED "BOUNDARY SURVEY MAP SHOWING LANDS TO BE CONVEYED BY MICHAEL G. DEMARTINS, DENORAH VANDERBROOK & SANDRA HAYES" PREPARED BY GREGORY D. BLY, DATED NOVEMBER 11, 1996.
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- 2. PARCEL SUBJECT TO AN EASEMENT RESTRICTING COMMERCIAL SIGNS, BILLBOARDS, AND OTHER ADVERTISING DEVICES AND DISPLAYS PER REF. 5.
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MONUMENTATION: PUBLISHED NAD '27; MEASURED NAD '83:

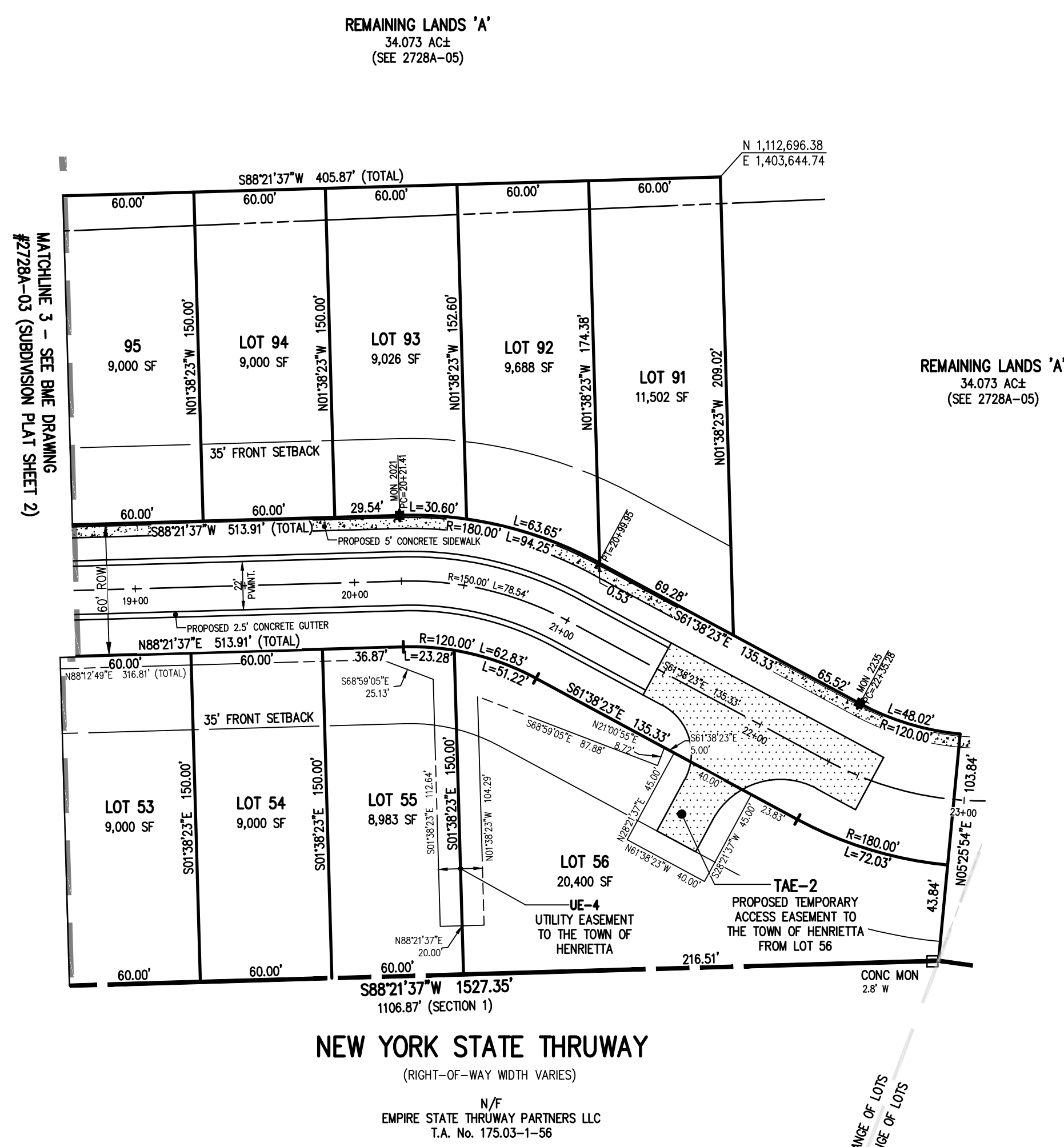
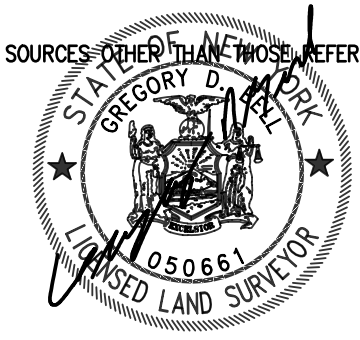
060 (NYGS) 1936	N= 1,112,821.31 E= 761,264.45	N= 1,112,859.98 E= 1,409,622.94
062-1 (NYGS) 1936	N= 1,113,396.41 E= 758,378.25	N= 1,113,435.31 E= 1,406,736.44

BEARINGS SHOWN HEREON ARE GRID
DISTANCES SHOWN HEREON ARE GRID
COMBINED FACTOR = 0.999983

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BY: *Gregory D. Bell*
GREGORY D. BELL, NYSPLS NO. 050661



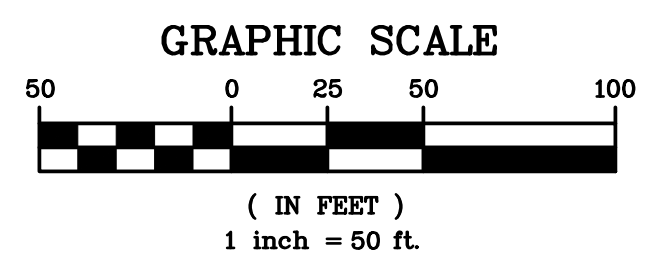
NEW YORK STATE THRUWAY
(RIGHT-OF-WAY WIDTH VARIES)
N/F
EMPIRE STATE THRUWAY PARTNERS LLC
T.A. No. 175.03-1-56

- 1. THE PROPOSED FACILITIES FOR WATER SUPPLY AND SEWAGE TREATMENT ARE INSTALLED IN CONFORMANCE WITH THE APPROVED PLANS ON FILE WITH THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH (MCDPH).
- 2. AN ORIGINAL REALTY SUBDIVISION MAP APPROVED THIS DATE SHALL BE FILED IN THE OFFICE OF THE CLERK OF MONROE COUNTY PRIOR TO OFFERING LOTS FOR SALE.
- 3. THE OWNER OF THE REALTY SUBDIVISION SHALL FURNISH EACH PURCHASER OF A LOT WITH A COPY OF THE APPROVED PLAN OR, IN THE CASE OF SALE OF DEVELOPED LOTS, THE OWNER OF THE REALTY SUBDIVISION SHALL FURNISH EACH PURCHASER WITH AN ACCURATE "AS-BUILT" PLAN DEPICTING ALL INSTALLED FACILITIES INCLUDING SEWAGE, STORM WATER, AND WATER SUPPLY.
- 4. ADEQUATE EROSION/SILTATION CONTROL MEASURES SHALL BE EMPLOYED PRIOR TO AND DURING CONSTRUCTION. IF THE PROJECT WILL RESULT IN THE DISTURBANCE OF ONE ACRE OR MORE COVERAGE UNDER THE NYSDEC SPEEDS GENERAL PERMIT GP-9-15-002 FOR STORMWATER DISCHARGES FOR CONSTRUCTION ACTIVITIES SHALL BE OBTAINED.
- 5. NO LOT OR REMAINING LAND (IF APPLICABLE) SHALL BE SUBDIVIDED WITHOUT PLANS FOR SUCH RE-SUBDIVISIONS BEING SUBMITTED TO AND APPROVED BY THE MCDPH.
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- 7. PRIVATE WALLS AND PRIVATE ON-SITE WASTEWATER TREATMENT SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED AFTER PUBLIC FACILITIES BECOME AVAILABLE.

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
REALTY SUBDIVISION APPROVAL
THIS IS TO CERTIFY THAT APPROVED PLANS FOR WATER SUPPLY AND SEWAGE DISPOSAL FOR THIS PROJECT ARE ON FILE IN THE OFFICE OF THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH. CONSENT IS HEREBY GIVEN FOR THE FILING OF THIS MAP IN THE MONROE COUNTY CLERK'S OFFICE IN ACCORDANCE WITH ARTICLE III OF THE MONROE COUNTY SANITARY CODE.
DIRECTOR OF PUBLIC HEALTH
DATE

This plat is approved in accordance with the provisions of Section 239-K, Article 12-b of the General Municipal Law and/or the Monroe County Monumentation Law. A separate approval is required for site construction.

For the General Municipal Law: _____ Date _____
County Highway Superintendent
For the Monroe County Monumentation Law: _____ Date _____
Monroe County Surveyor's Office



LEGEND

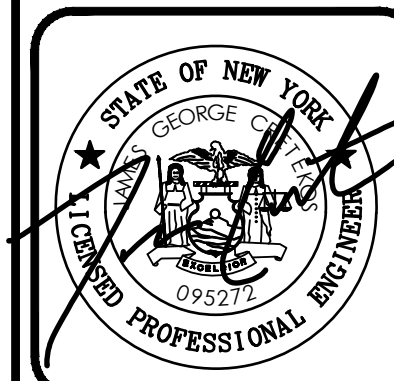
---	BOUNDARY LINE
- - - -	PROPOSED LOT LINE
---	CENTERLINE
- - - -	SETBACK LINE
---	EXISTING EASEMENT LINE
- - - -	PROPOSED EASEMENT LINE
○	PERIMETER OF WATER BODY
■	PROPERTY MARKER FOUND
■	PROPOSED SURVEY MONUMENT

NOT APPROVED

This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.

APPROVALS

BY: _____	DATE: _____
DIRECTOR OF ENGINEERING AND PLANNING	
BY: _____	DATE: _____
COMMISSIONER OF PUBLIC WORKS	
BY: _____	DATE: _____
DRAINAGE, SEWERS, SIDEWALKS DEPARTMENT	
BY: _____	DATE: _____
DIRECTOR OF BUILDING/ FIRE PREVENTION	
BY: _____	DATE: _____
MONROE COUNTY WATER AUTHORITY	
BY: _____	DATE: _____
FIRE MARSHAL	

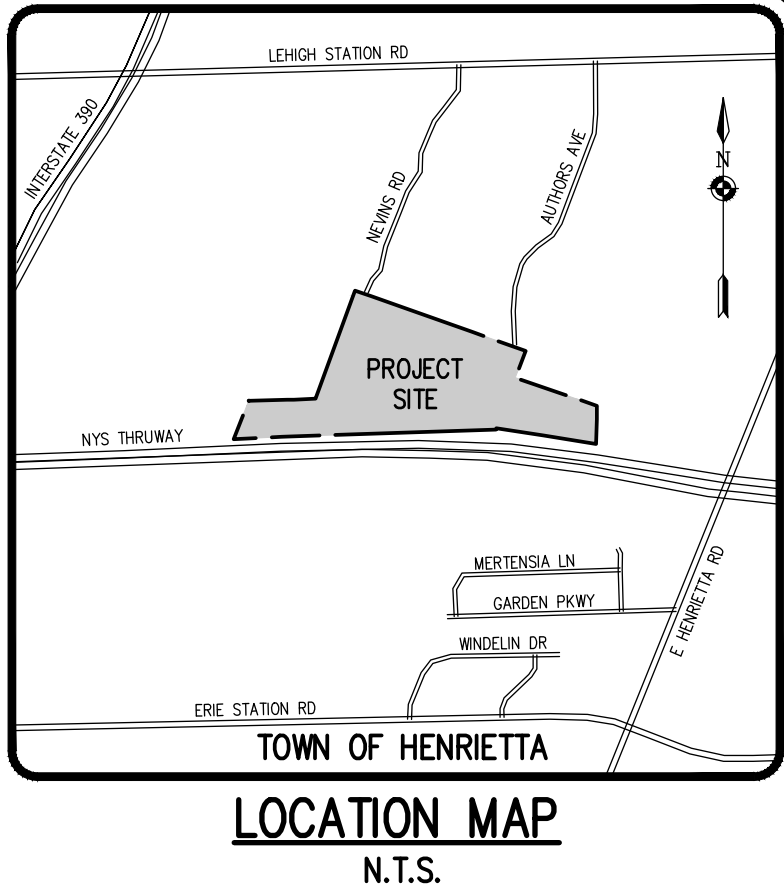
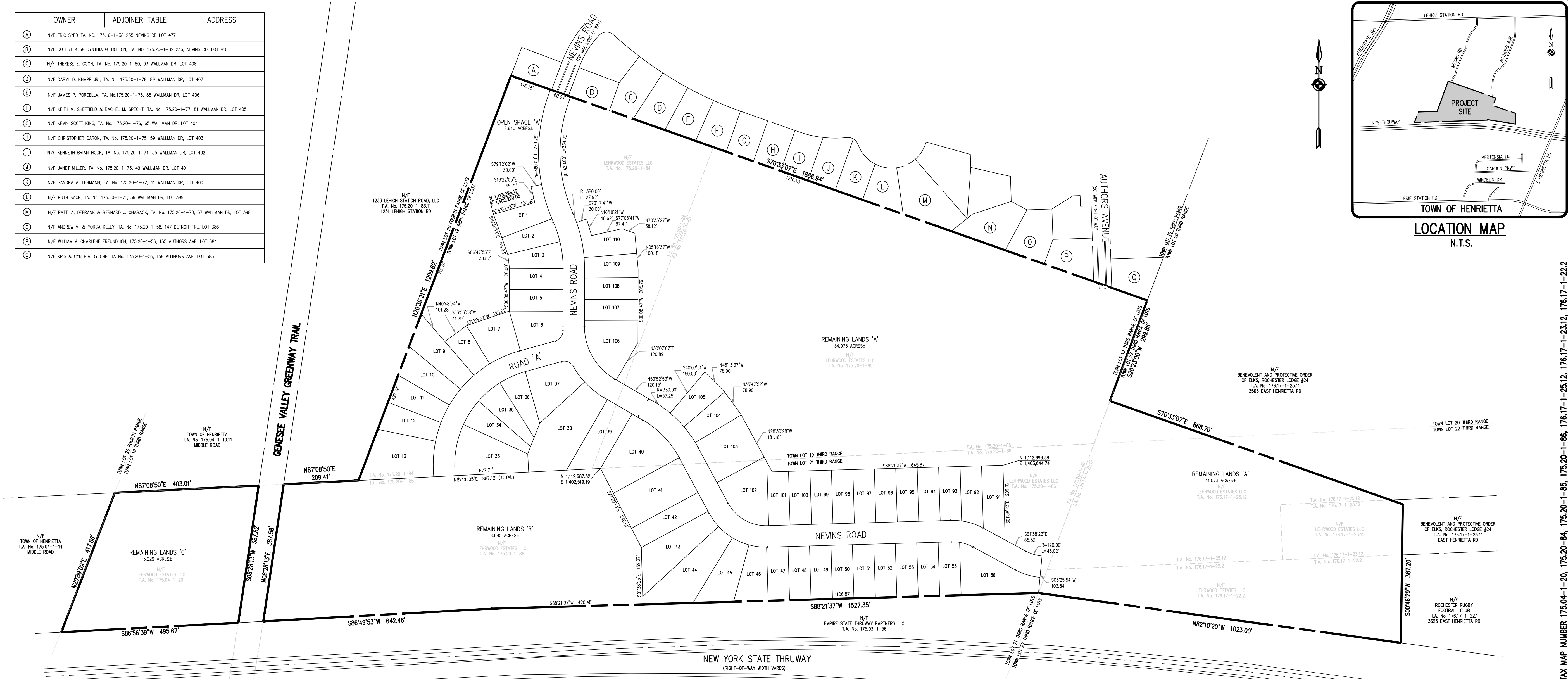


LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414
FINAL SECTION 1
SUBDIVISION PLAT

PROJECT	DATE
LOCATION	
CLIENT	
DRAWING TITLE	
PROJECT MANAGER	DATE
PG VARS	
PROJECT SURVEYOR	DATE
GD BELL	
DRAWN BY	DATE
BC GOODING	
SCALE	DATE ISSUED
1"=50'	AUGUST 15, 2023
PROJECT NO.	
2728A	
DRAWING NO.	
04	
(SHEET 3 OF 3)	

P: 12728A Drawings \Final\2728A Overall 150 Scale.dwg

OWNER	ADJOINER TABLE	ADDRESS
(A)	N/F ERIC SYED T.A. No. 175.16-1-38 235 NEVINS RD LOT 477	
(B)	N/F ROBERT K. & CYNTHIA G. BOLTON, T.A. No. 175.20-1-82 236, NEVINS RD, LOT 410	
(C)	N/F THERESA E. COON, T.A. No. 175.20-1-80, 93 WALLMAN DR, LOT 408	
(D)	N/F DARYL D. KNAPP JR., T.A. No. 175.20-1-78, 89 WALLMAN DR, LOT 407	
(E)	N/F JAMES P. PORCELLA, T.A. No.175.20-1-78, 85 WALLMAN DR, LOT 406	
(F)	N/F KEITH M. SHEFFIELD & RACHEL M. SPECHT, T.A. No. 175.20-1-77, 81 WALLMAN DR, LOT 405	
(G)	N/F KEVIN SCOTT KING, T.A. No. 175.20-1-76, 65 WALLMAN DR, LOT 404	
(H)	N/F CHRISTOPHER CARON, T.A. No. 175.20-1-75, 59 WALLMAN DR, LOT 403	
(I)	N/F KENNETH BRIAN HOOK, T.A. No. 175.20-1-74, 55 WALLMAN DR, LOT 402	
(J)	N/F JANET MILLER, T.A. No. 175.20-1-73, 49 WALLMAN DR, LOT 401	
(K)	N/F SANDRA A. LEHMANN, T.A. No. 175.20-1-72, 41 WALLMAN DR, LOT 400	
(L)	N/F RUTH SAZE, T.A. No. 175.20-1-71, 39 WALLMAN DR, LOT 399	
(M)	N/F FATI A. DEFRANK & BERNARD J. CHABACK, T.A. No. 175.20-1-70, 37 WALLMAN DR, LOT 398	
(N)	N/F ANDREW M. & YORSA KELLY, T.A. No. 175.20-1-58, 147 DETROIT TRL, LOT 386	
(O)	N/F WILLIAM & CHARLENE FREUNDLICH, 175.20-1-56, 155 AUTHORS AVE, LOT 384	
(P)	N/F KRIS & CYNTHIA DYTCH, T.A. No. 175.20-1-55, 158 AUTHORS AVE, LOT 383	



Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if on item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the item his seal and the notation 'altered by' followed by his signature and the date of such alteration, and a specific description of the alteration."

REVISIONS	DATE	BY
7		
6		
5		
4		
3		
2		
1		

BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
PHONE 585-377-7580
FAX 585-377-7585
10 LEFFERTS LANE EAST
HENRIETTA, NY 14450
WWW.BMECO.COM



- REFERENCES:**
- A PLAN ENTITLED "BOUNDARY SURVEY MAP SHOWING LANDS TO BE CONVEYED BY MICHAEL G. DEMARTNIS, DENORAH VANDERBROOK & SANDRA HAYES" PREPARED BY GREGORY D. BLY, DATED NOVEMBER 11, 1996.
 - A PLAN ENTITLED "PORTION OF LANDS OF BENEVOLENT & PROTECTIVE ORDER OF THE ELKS" PREPARED BY CORNWALL CONSULTANTS PC, DATED NOVEMBER 1994.
 - A PLAN ENTITLED "GARDEN PARKWAY ESTATES, RE-SUBDIVISION MAP" FILED IN THE MONROE COUNTY CLERK'S OFFICE AT LIBER 224 OF MAPS, PAGE 36.
 - PLAN ENTITLED "WOODFORD ON THE GREEN SUBDIVISION" FILED IN THE MONROE COUNTY CLERK'S OFFICE AT LIBER 171 OF MAPS, PAGES 5-6, LIBER 175 OF MAPS, PAGES 6-8, & LIBER 176 OF MAPS, PAGE 7.
 - THE FOLLOWING NEW YORK STATE APPROPRIATION MAPS:
A. MAP 739 PARCEL 742
B. MAP 740 PARCEL 743
C. MAP 741 PARCEL 744
 - DEED RECORDED IN THE MONROE COUNTY CLERK'S AT LIBER 12459 OF DEEDS, PAGE 515.
 - ABSTRACT OF TITLE PREPARED BY STEWART TITLE INSURANCE COMPANY, HAVING ORDER NUMBER 8119293, DATED SEPTEMBER 22, 2020.

- SURVEY NOTES:**
- T.A. No. 175.20-1-86 BENEFITED BY A 40' WIDE ACCESS EASEMENT PER LIBER 8565 OF DEEDS, PAGE 284.
 - PARCEL SUBJECT TO AN EASEMENT RESTRICTING COMMERCIAL SIGNS, BILLBOARDS, AND OTHER ADVERTISING DEVICES AND DISPLAYS PER REF. 5.
 - PARCEL SUBJECT TO A GAS MAIN EASEMENT TO ROCHESTER GAS AND ELECTRIC CORPORATION PER LIBER 2964 OF DEEDS, PAGE 273 & LIBER 2967 OF DEEDS, PAGE 306.
 - PARCEL SUBJECT TO A MAINTENANCE AGREEMENT PER LIBER 9786 OF DEEDS, PAGE 549.
 - THE PROJECT BOUNDARY SURVEY WAS MADE USING PROCEDURES NECESSARY TO ACHIEVE A HORIZONTAL ACCURACY OF 1 PART IN 20,000 (1:20,000) OR BETTER PROPORTIONAL ACCURACY AND A NETWORK POSITIONAL ACCURACY AT 95% CONFIDENCE LEVEL NOT EXCEEDING 0.05 FEET.
 - THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM OF 1983, WESTERN ZONE, TRANSVERSE MERCATOR PROJECTION, NAD 83 (2011) UTILIZING GLOBAL POSITIONING SYSTEM (GPS) (OR) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) OBSERVATIONS FROM NYS DOT REFERENCE NETWORK CORRS STATION (NYFF 0032).

MONUMENTATION:	PUBLISHED NAD '27:	MEASURED NAD '83:
060 (NYSS) 1936	N= 1,112,821.31 E= 761,284.45	N= 1,112,859.98 E= 1,409,622.94
062-1 (NYSS) 1936	N= 1,113,396.41 E= 758,378.25	N= 1,113,435.31 E= 1,406,736.44

NOT APPROVED
This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.

WE, BME ASSOCIATES, CERTIFY TO: THAT THIS MAP WAS PREPARED FROM THE NOTES OF AN INSTRUMENT SURVEY COMPLETED BY US ON DECEMBER 1, 2020 AND FROM THE REFERENCES NOTED HEREON. THIS MAP OR PLAT AND THE SURVEY UPON WHICH IT WAS BASED MEETS THE CIVLSA 2017 MINIMUM STANDARDS FOR A SURVEY MAP.
THIS MAP IS SUBJECT TO ANY FACTS THAT MAY BE REVEALED BY SOURCES OTHER THAN THOSE REFERENCED HEREON.

BY: *Gregory D. Bell*
GREGORY D. BELL, NYSPLS NO. 050661



- THE PROPOSED FACILITIES FOR WATER SUPPLY AND SEWAGE TREATMENT ARE INSTALLED IN CONFORMANCE WITH THE APPROVED PLANS ON FILE WITH THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH (MCOHP).
- AN ORIGINAL REALTY SUBDIVISION MAP APPROVED THIS DATE SHALL BE FILED IN THE OFFICE OF THE CLERK OF MONROE COUNTY PRIOR TO OFFERING LOTS FOR SALE.
- THE OWNER OF THE REALTY SUBDIVISION SHALL FURNISH EACH PURCHASER OF A LOT WITH A COPY OF THE APPROVED PLAN OR, IN THE CASE OF SALES OF DEVELOPED LOTS, THE OWNER OF THE REALTY SUBDIVISION SHALL FURNISH EACH PURCHASER WITH AN ACCURATE "AS-BUILT" PLAN DEPICTING ALL INSTALLED FACILITIES INCLUDING SEWAGE, STORM WATER, AND WATER SUPPLY.
- ADEQUATE EROSION/SILTATION CONTROL MEASURES SHALL BE EMPLOYED PRIOR TO AND DURING CONSTRUCTION. IF THE PROJECT WILL RESULT IN THE DISTURBANCE OF ONE ACRE OR MORE, COVERAGE UNDER THE NYSDEC SPEEDS GENERAL PERMIT GP-0-15-002 FOR STORMWATER DISCHARGES FOR CONSTRUCTION ACTIVITIES SHALL BE OBTAINED.
- NO LOT OR REMAINING LAND (IF APPLICABLE) SHALL BE SUBDIVIDED WITHOUT PLANS FOR SUCH RE-SUBDIVISIONS BEING SUBMITTED TO AND APPROVED BY THE MCOHP.
- PLAN APPROVAL IS LIMITED TO 5 YEARS. THE EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE MCOHP BASED UPON DEVELOPMENT FACTS AND THE REALTY SUBDIVISION REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
- PRIVATE WALLS AND PRIVATE ON-SITE WASTEWATER TREATMENT SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED AFTER PUBLIC FACILITIES BECOME AVAILABLE.

This plot is approved in accordance with the provisions of Section 239-K, Article 12-b of the General Municipal Law and/or the Monroe County Monumentation Law. A separate approval is required for site construction.
For the General Municipal Law:
County Highway Superintendent Date
For the Monroe County Monumentation Law:
Monroe County Surveyor's Office Date

APPROVALS

BY: _____ DATE: _____
DIRECTOR OF ENGINEERING AND PLANNING
BY: _____ DATE: _____
COMMISSIONER OF PUBLIC WORKS
BY: _____ DATE: _____
DRAINAGE, SEWERS, SIDEWALKS DEPARTMENT
BY: _____ DATE: _____
DIRECTOR OF BUILDING/ FIRE PREVENTION
BY: _____ DATE: _____
MONROE COUNTY WATER AUTHORITY
BY: _____ DATE: _____
FIRE MARSHAL

LEGEND

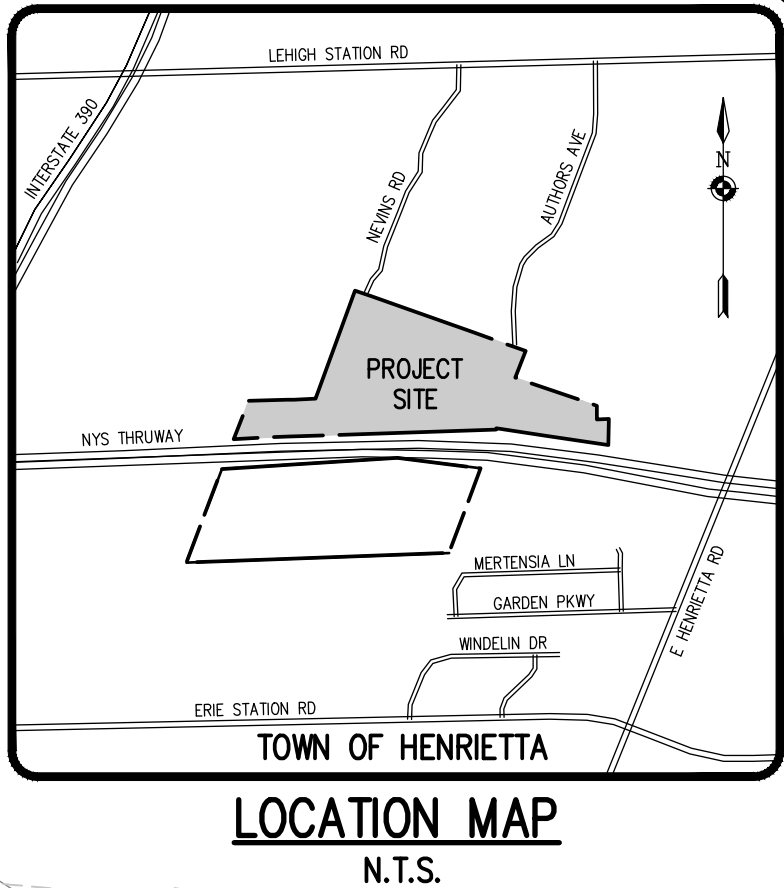
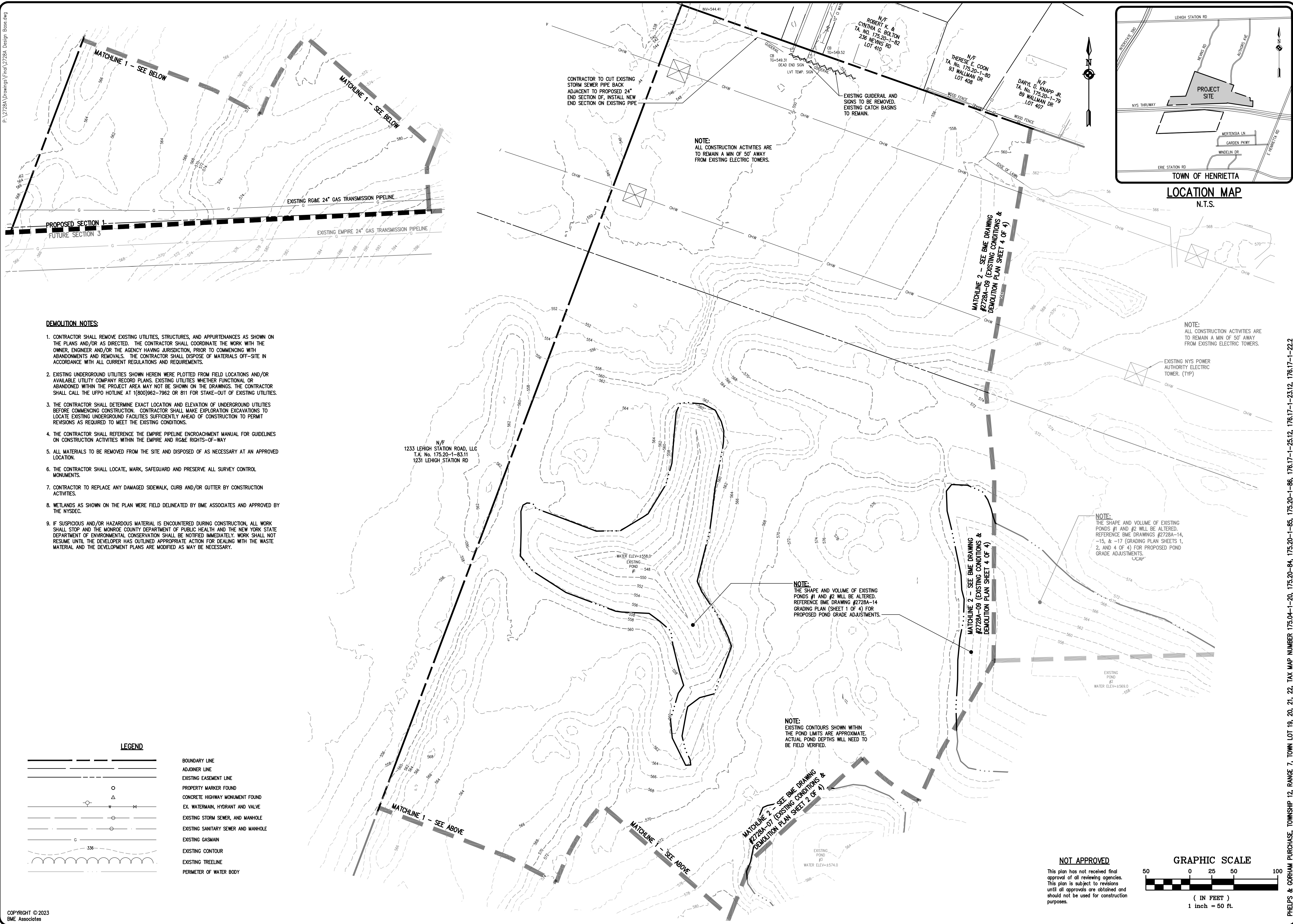
---	BOUNDARY LINE
---	PROPOSED LOT LINE
---	CENTERLINE
---	SETBACK LINE
---	EXISTING EASEMENT LINE
---	PROPOSED EASEMENT LINE
○	PROPERTY MARKER FOUND

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BME Associates

PHELPS & CORHAM PURCHASE, TOWNSHIP 12, RANGE 7, TOWN LOT 19, 20, 21, 22, TAX MAP NUMBER 175.04-1-20, 175.20-84, 175.20-86, 175.20-88, 175.20-89, 175.20-90, 175.20-91, 175.20-92, 176.17-1-23.12, 176.17-1-23.12, 176.17-1-23.12

LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE ESTATES, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

PROJECT LOCATION CLIENT DRAWING TITLE
PROJECT MANAGER DATE
PG VARS
PROJECT SURVEYOR DATE
GD BELL
DRAWN BY DATE
BC GOODING
SCALE DATE ISSUED
1"=150' AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
05

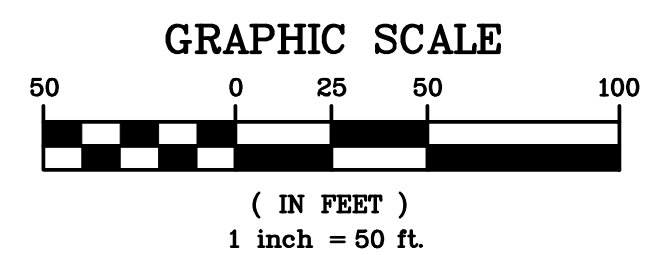


DEMOLITION NOTES:

- CONTRACTOR SHALL REMOVE EXISTING UTILITIES, STRUCTURES, AND APPURTENANCES AS SHOWN ON THE PLANS AND/OR AS DIRECTED. THE CONTRACTOR SHALL COORDINATE THE WORK WITH THE OWNER, ENGINEER AND/OR THE AGENCY HAVING JURISDICTION, PRIOR TO COMMENCING WITH ABANDONMENTS AND REMOVALS. THE CONTRACTOR SHALL DISPOSE OF MATERIALS OFF-SITE IN ACCORDANCE WITH ALL CURRENT REGULATIONS AND REQUIREMENTS.
- EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR AVAILABLE UTILITY COMPANY RECORD PLANS. EXISTING UTILITIES WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL CALL THE UPFO HOTLINE AT (800)962-7962 OR 811 FOR STAKE-OUT 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.
- THE CONTRACTOR SHALL REFERENCE THE EMPIRE PIPELINE ENCROACHMENT MANUAL FOR GUIDELINES ON CONSTRUCTION ACTIVITIES WITHIN THE EMPIRE AND RG&E RIGHTS-OF-WAY.
- ALL MATERIALS TO BE REMOVED FROM THE SITE AND DISPOSED OF AS NECESSARY AT AN APPROVED LOCATION.
- THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS.
- CONTRACTOR TO REPLACE ANY DAMAGED SIDEWALK, CURB AND/OR GUTTER BY CONSTRUCTION ACTIVITIES.
- WETLANDS AS SHOWN ON THE PLAN WERE FIELD DELINEATED BY BME ASSOCIATES AND APPROVED BY THE NYSDEC.
- IF SUSPICIOUS AND/OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, ALL WORK SHALL STOP AND THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE DEVELOPER HAS OUTLINED APPROPRIATE ACTION FOR DEALING WITH THE WASTE MATERIAL AND THE DEVELOPMENT PLANS ARE MODIFIED AS MAY BE NECESSARY.

LEGEND

	BOUNDARY LINE
	ADJOINER LINE
	EXISTING EASEMENT LINE
	PROPERTY MARKER FOUND
	CONCRETE HIGHWAY MONUMENT FOUND
	EX. WATERMAIN, HYDRANT AND VALVE
	EXISTING STORM SEWER AND MANHOLE
	EXISTING SANITARY SEWER AND MANHOLE
	EXISTING GASMAIN
	EXISTING CONTOUR
	EXISTING TREELINE
	PERIMETER OF WATER BODY



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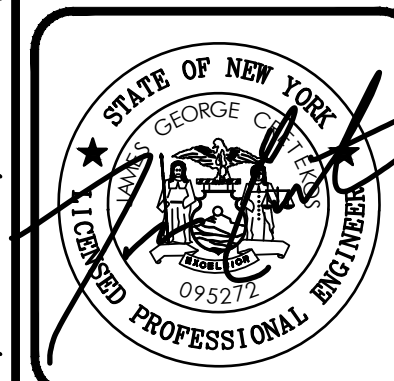
Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the State Office of Professional Services a copy of such alteration, and a specific description of the alteration."

NO.	DATE	BY	REVISIONS
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HENRIETTA, NY 14450
WWW.BMEAC.COM

PHONE 585-977-7580
FAX 585-977-7585



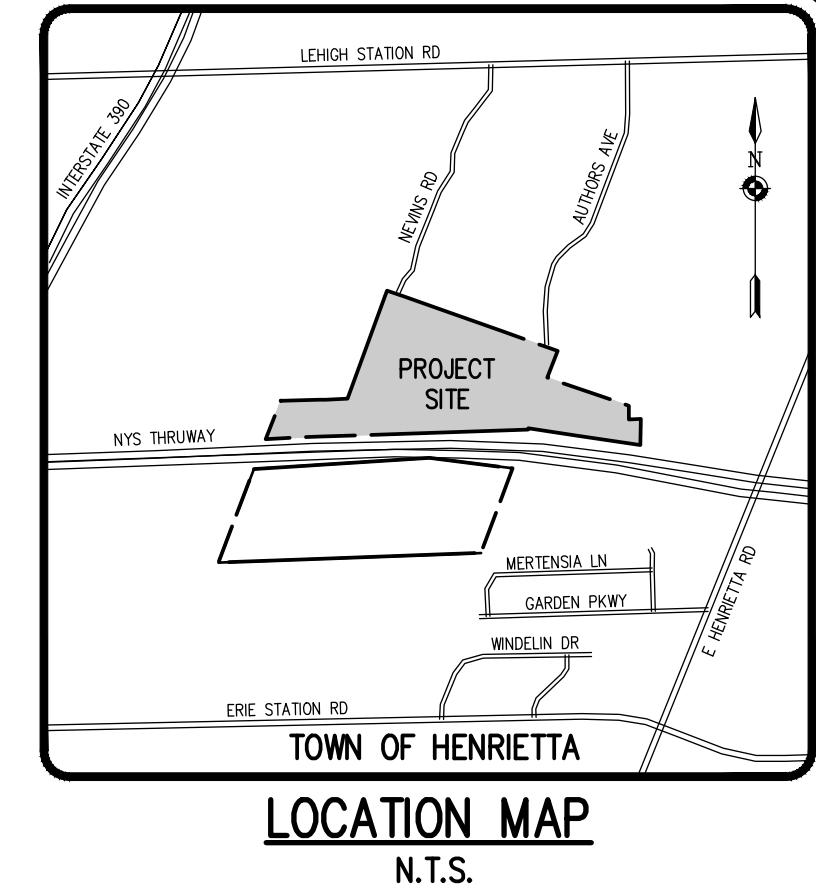
LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE

LEHIGHWOOD CREATES, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

FINAL SECTION 1
EXISTING CONDITIONS AND DEMOLITION PLAN

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER DATE
PG VARS
PROJECT ENGINEER DATE
JG CRETEKOS / AP BETLER
DRAWN BY DATE
AN D'ANGELO
SCALE DATE ISSUED
1"=50' AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
06
(SHEET 1 OF 4)



NOTE:
EXISTING CONTOURS SHOWN WITHIN
THE POND LIMITS ARE APPROXIMATE.
ACTUAL POND DEPTHS WILL NEED TO
BE FIELD VERIFIED.

NOTE:
EXISTING CONTOURS SHOWN WITHIN
THE POND LIMITS ARE APPROXIMATE.
ACTUAL POND DEPTHS WILL NEED TO
BE FIELD VERIFIED.

MATCHLINE 2 - SEE BME DRAWING
#2728A-08 (EXISTING CONDITIONS &
DEMOLITION PLAN SHEET 1 OF 4)

MATCHLINE 4 - SEE BME DRAWING
#2728A-09 (EXISTING CONDITIONS &
DEMOLITION PLAN SHEET 4 OF 4)

MATCHLINE 5 - SEE BME DRAWING
#2728A-08 (EXISTING CONDITIONS
& DEMOLITION PLAN SHEET 3 OF 4)

MATCHLINE 5 - SEE BME DRAWING
#2728A-08 (EXISTING CONDITIONS
& DEMOLITION PLAN SHEET 3 OF 4)

MATCHLINE 5 - SEE BME DRAWING
#2728A-08 (EXISTING CONDITIONS
& DEMOLITION PLAN SHEET 3 OF 4)

EXISTING POND #3 TO BE DRAINED AND FILLED.
REFERENCE BME DRAWING #2728A-15 (GRADING
PLAN SHEET 2 OF 4) FOR PROPOSED GRADING.
ANY PROPOSED PAVEMENT OR RESIDENTIAL
CONSTRUCTION IN THIS AREA SHOULD BE
SUBJECT TO COMPACTION TESTS.

50' WIDE EASEMENT TO EMPIRE STATE
PIPELINE CO., INC. AND ST CLAIR
PIPELINE CO., INC PER L. 8382 OF
DEEDS, P. 338 & L. 8252 OF DEEDS,
P. 565

EASEMENT TO ROCHESTER GAS AND
ELECTRIC CORPORATION ALONG GAS
LINE PER L. 2967 OF DEEDS, P. 306

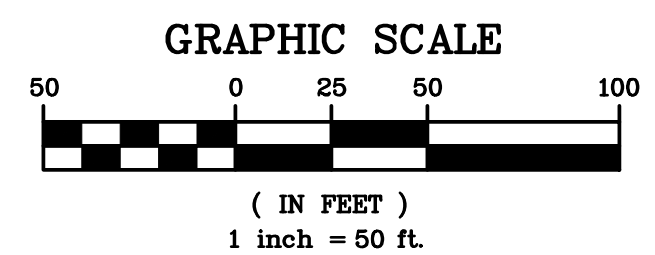
SEE EXISTING CONDITIONS PLAN
SHEET 1 OF 4 (BME DRAWING
#2728A-06) FOR DEMOLITION NOTES.

LEGEND

- BOUNDARY LINE
- ADJOINER LINE
- EXISTING EASEMENT LINE
- PROPERTY MARKER FOUND
- △ CONCRETE HIGHWAY MONUMENT FOUND
- EX. WATERMAIN, HYDRANT AND VALVE
- EXISTING STORM SEWER, AND MANHOLE
- EXISTING SANITARY SEWER AND MANHOLE
- EXISTING GASMAIN
- EXISTING CONTOUR
- EXISTING TREELINE
- PERIMETER OF WATER BODY

NOT APPROVED

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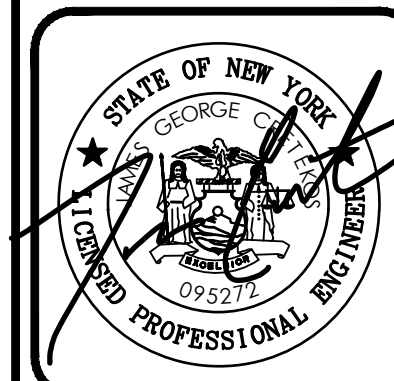


NO.	REVISIONS	DATE	BY
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HENRIETTA, NY 14450
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PHONE 585-377-7360
FAX 585-377-7365



LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE

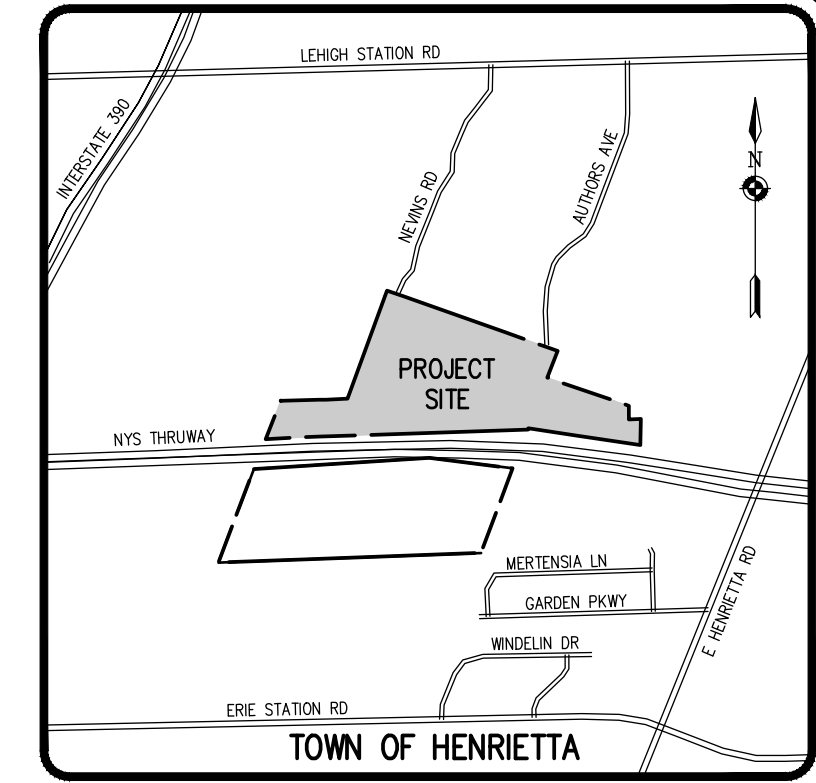
LEHIGHWOOD DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

**FINAL SECTION 1
EXISTING CONDITIONS AND
DEMOLITION PLAN**

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER DATE
PG. VARS
PROJECT ENGINEER DATE
JG. CRETEKOS / AP. BETLER
DRAWN BY DATE
AN D'ANGELO
SCALE DATE ISSUED
1"=50' AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
07
(SHEET 2 OF 4)

P:\2728A\Drawings\Final\2728A_Design_Base.dwg



TOWN OF HENRIETTA
LOCATION MAP
N.T.S.

SEE EXISTING CONDITIONS PLAN
SHEET 1 OF 4 (BME DRAWING
#2728A-06) FOR DEMOLITION NOTES.

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if on item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation altered by followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	REVISIONS	DATE	BY
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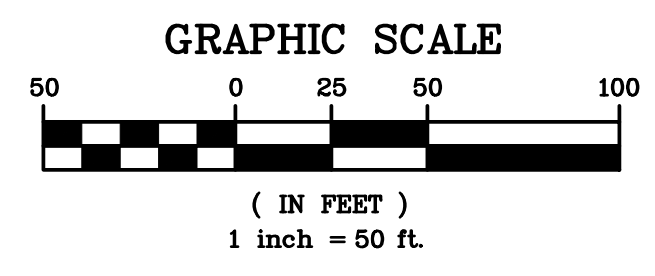
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HENRIETTA, NEW YORK 14450
WWW.BMEARC.COM
PHONE 585-377-7360
FAX 585-377-7365



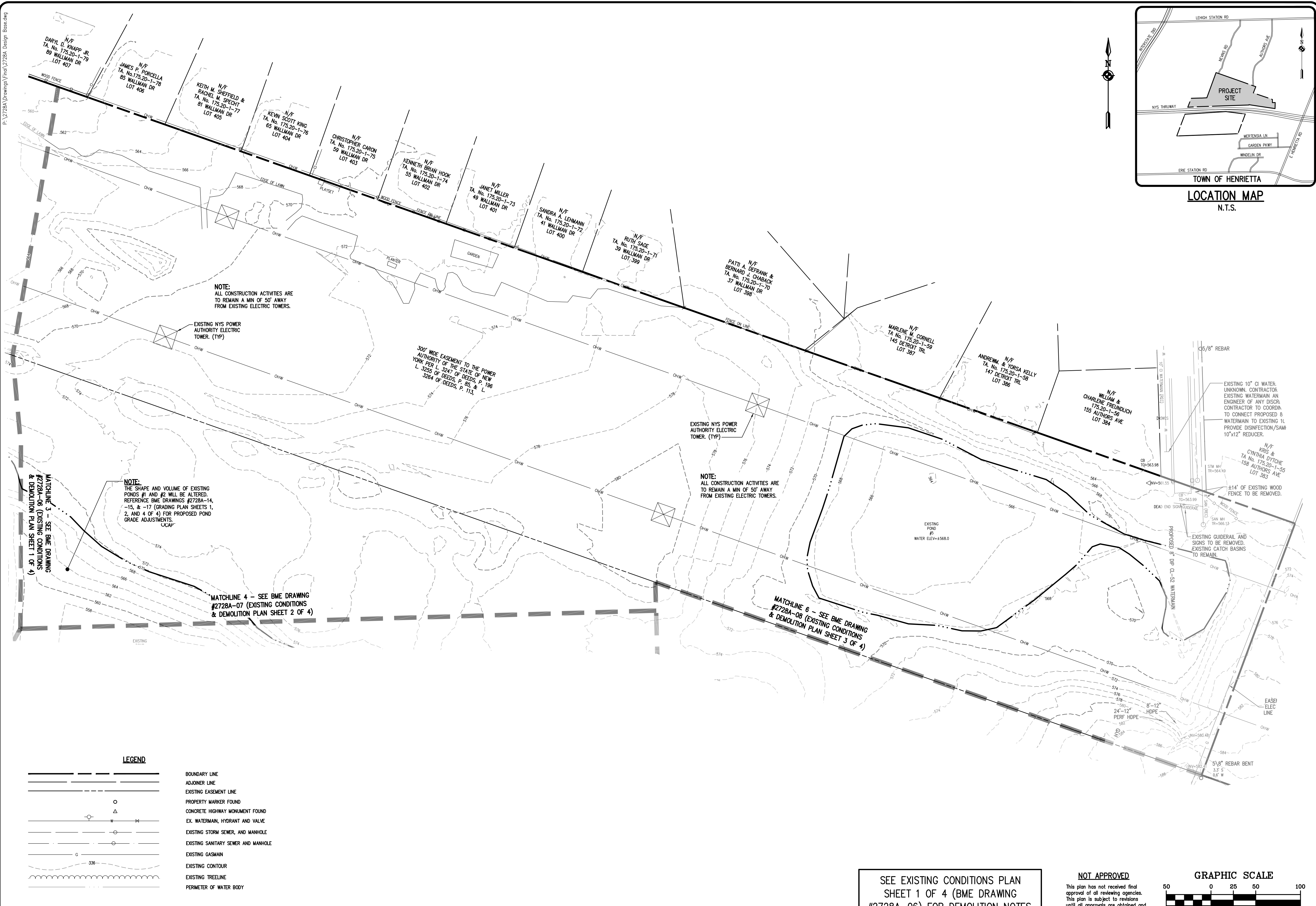
LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414
PROJECT LOCATION
CLIENT
DRAWING TITLE
**FINAL SECTION 1
EXISTING CONDITIONS AND
DEMOLITION PLAN**

PROJECT NO. **2728A**
DRAWING NO. **08**
(SHEET 3 OF 4)

PROJECT MANAGER	DATE
PG VARS	
PROJECT ENGINEER	DATE
JG CRETEKOS / AP BEYLER	
DRAWN BY	DATE
AN D'ANGELO	
SCALE	DATE ISSUED
1"=50'	AUGUST 15, 2023



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NOTE:
ALL CONSTRUCTION ACTIVITIES ARE TO REMAIN A MIN OF 50' AWAY FROM EXISTING ELECTRIC TOWERS.

NOTE:
THE SHAPE AND VOLUME OF EXISTING PONDS #1 AND #2 WILL BE ALTERED. REFERENCE BME DRAWINGS #2728A-14, -15, & -17 (GRADING PLAN SHEETS 1, 2, AND 4 OF 4) FOR PROPOSED POND GRADE ADJUSTMENTS. UGAP.

NOTE:
ALL CONSTRUCTION ACTIVITIES ARE TO REMAIN A MIN OF 50' AWAY FROM EXISTING ELECTRIC TOWERS.

MATCHLINE 3 - SEE BME DRAWING #2728A-08 (EXISTING CONDITIONS & DEMOLITION PLAN SHEET 1 OF 4)

MATCHLINE 4 - SEE BME DRAWING #2728A-07 (EXISTING CONDITIONS & DEMOLITION PLAN SHEET 2 OF 4)

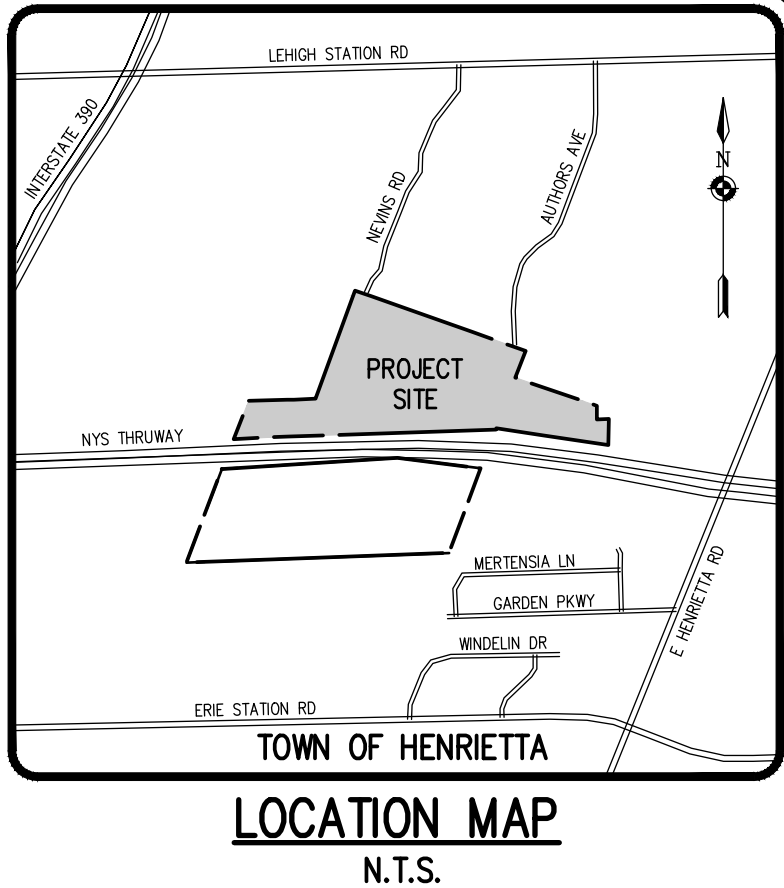
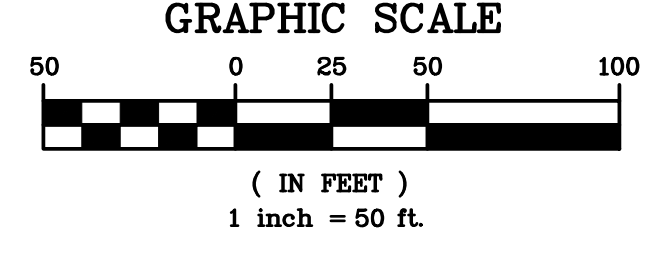
MATCHLINE 6 - SEE BME DRAWING #2728A-08 (EXISTING CONDITIONS & DEMOLITION PLAN SHEET 3 OF 4)

LEGEND

	BOUNDARY LINE
	ADJOINER LINE
	EXISTING EASEMENT LINE
	PROPERTY MARKER FOUND
	CONCRETE HIGHWAY MONUMENT FOUND
	EX. WATERMAIN, HYDRANT AND VALVE
	EXISTING STORM SEWER AND MANHOLE
	EXISTING SANITARY SEWER AND MANHOLE
	EXISTING GASMAIN
	EXISTING CONTOUR
	EXISTING TREELINE
	PERIMETER OF WATER BODY

SEE EXISTING CONDITIONS PLAN SHEET 1 OF 4 (BME DRAWING #2728A-06) FOR DEMOLITION NOTES.

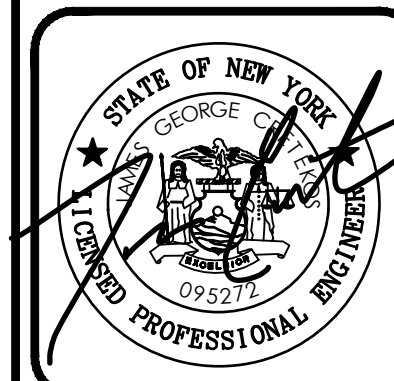
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Drawing Alteration
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NO.	DATE	BY
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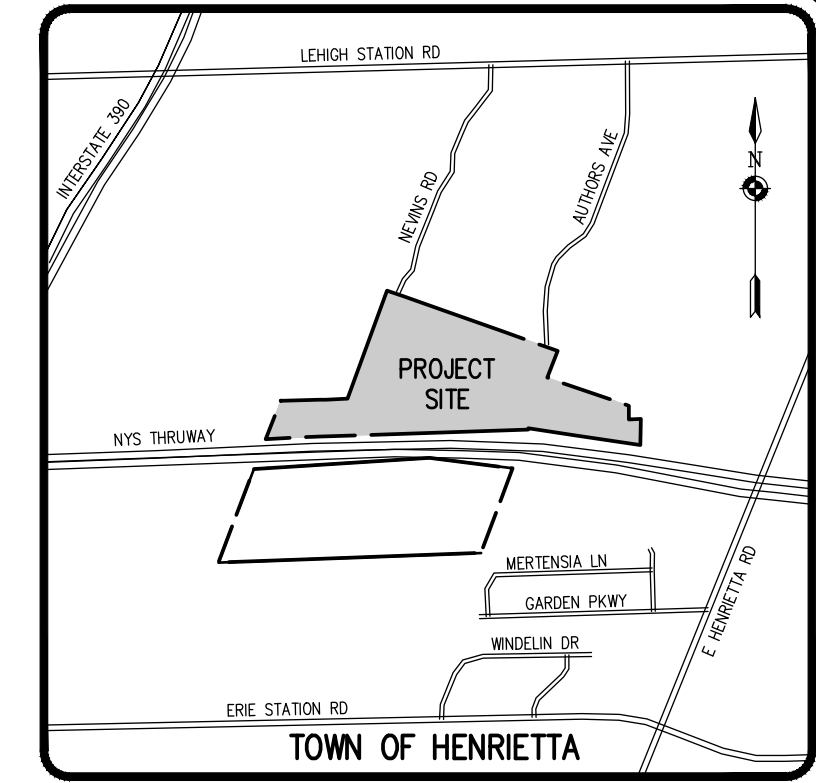
LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

FINAL SECTION 1
EXISTING CONDITIONS AND DEMOLITION PLAN

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER	DATE
PG VARS	
PROJECT ENGINEER	DATE
JG CRETEKOS / AP BETLER	
DRAWN BY	DATE
AN D'ANGELO	
SCALE	DATE ISSUED
1"=50'	AUGUST 15, 2023
PROJECT NO.	
2728A	
DRAWING NO.	
09	
(SHEET 4 OF 4)	

Drawing Alteration
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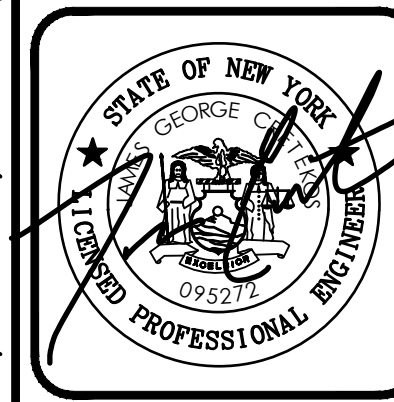
LOCATION MAP
 N.T.S.

SEE UTILITY PLAN SHEET 2 OF 4 (BME DRAWING #2728A-11) FOR MCWA STANDARD NOTES.

SEE UTILITY PLAN SHEET 3 OF 4 (BME DRAWING #2728A-12) FOR UTILITY NOTES.

REVISIONS	DATE	BY
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 FAX 355-977-7585
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 WEST HENRIETTA, NY 14540
 WWW.BMECO.COM



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 LEHIGH RIDGE DESIGN, LLC
 1112 EAST RIVER ROAD
 AVON, NEW YORK 14414

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APPROVALS

BY: DIRECTOR OF ENGINEERING AND PLANNING DATE: _____

BY: COMMISSIONER OF PUBLIC WORKS DATE: _____

BY: DRAINAGE, SEWERS, SIDEWALKS DEPARTMENT DATE: _____

BY: DIRECTOR OF BUILDING/ FIRE PREVENTION DATE: _____

BY: MONROE COUNTY WATER AUTHORITY DATE: _____

BY: FIRE MARSHAL DATE: _____

PROJECT MANAGER DATE: _____

PG VARS PROJECT ENGINEER DATE: _____

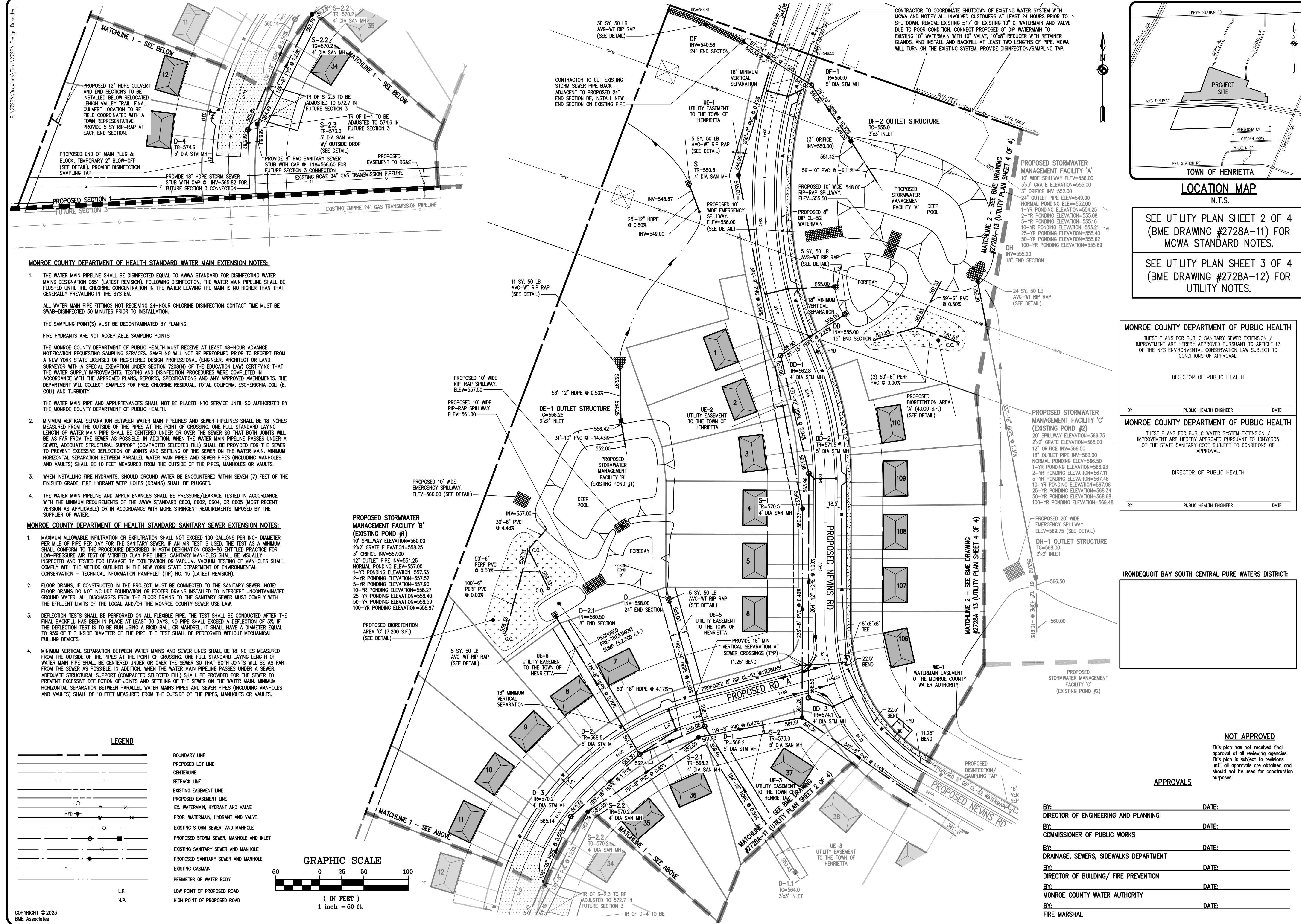
JG CRETEKOS / AP BEYLER DRAWN BY DATE: _____

AN D'ANGELO SCALE DATE ISSUED: _____

1"=50' AUGUST 15, 2023

PROJECT NO. 2728A

DRAWING NO. 10 (SHEET 1 OF 4)

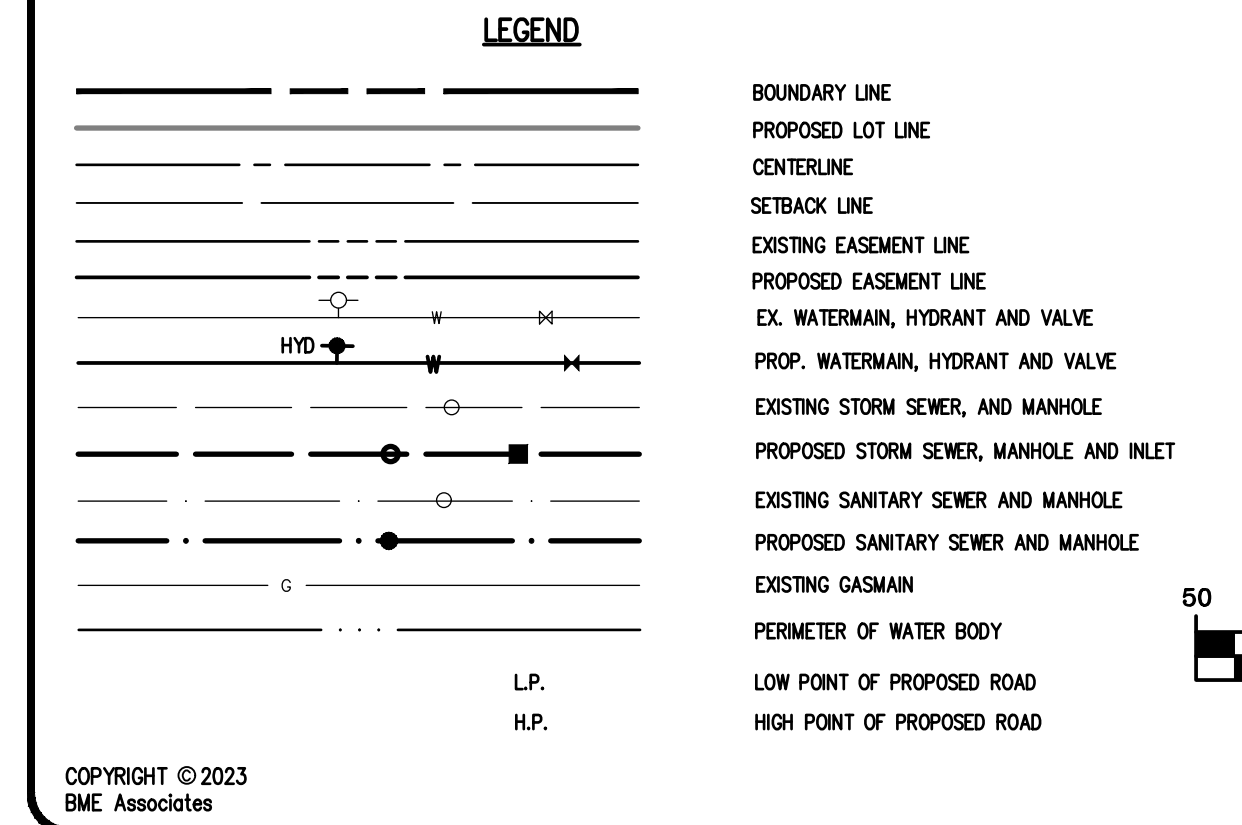


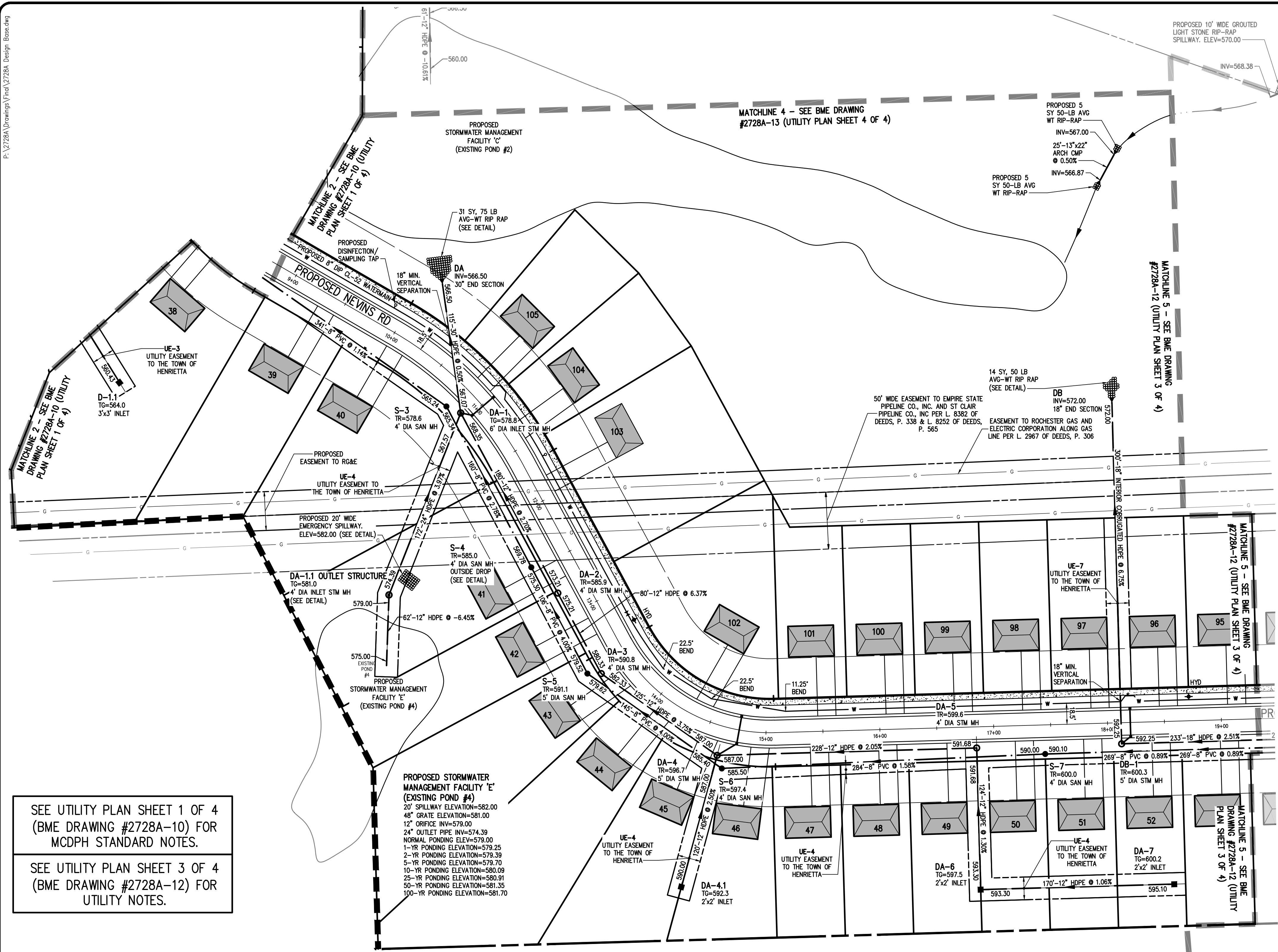
MONROE COUNTY DEPARTMENT OF HEALTH STANDARD WATER MAIN EXTENSION NOTES:

- THE WATER MAIN PIPELINE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS DESIGNATION C651 (LATEST REVISION). FOLLOWING DISINFECTION, THE WATER MAIN PIPELINE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM.
 ALL WATER MAIN PIPE FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB-DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.
 THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING.
 FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS.
 THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E. COLI) AND TURBIDITY.
 THE WATER MAIN PIPE AND APPURTENANCES SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
- MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER PIPELINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAIN PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.
- WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7) FEET OF THE FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
- THE WATER MAIN PIPELINE AND APPURTENANCES SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600, C602, C604, OR C605 (MOST RECENT VERSION AS APPLICABLE) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER.

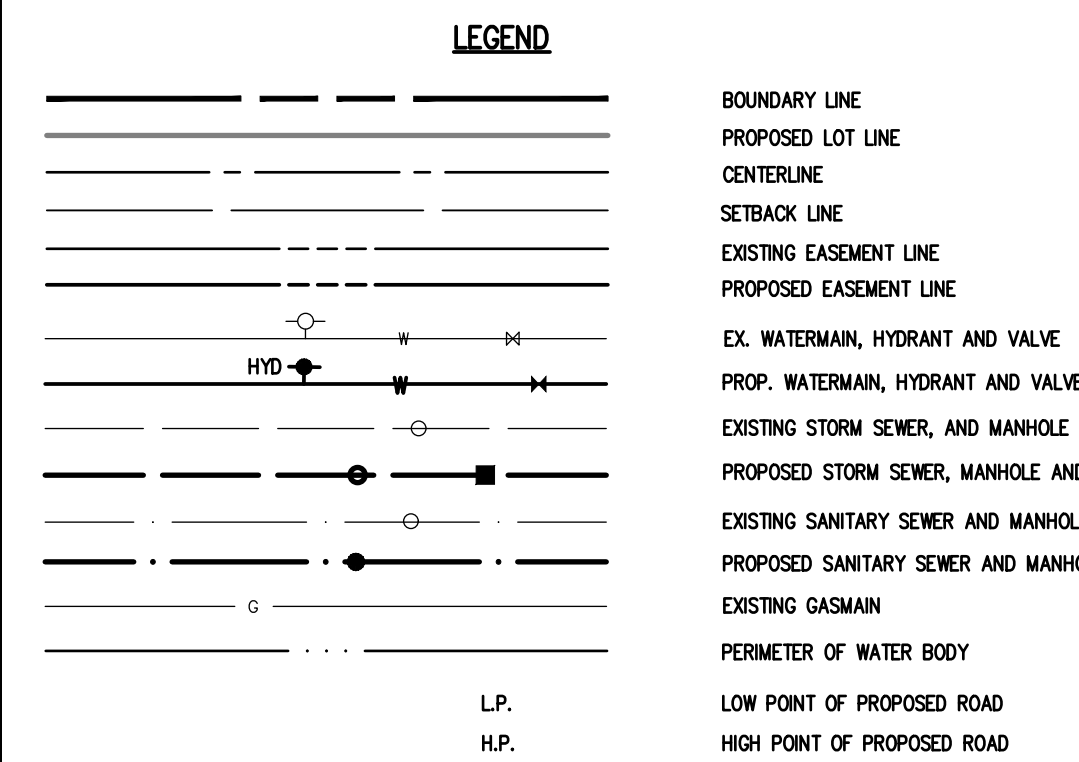
MONROE COUNTY DEPARTMENT OF HEALTH STANDARD SANITARY SEWER EXTENSION NOTES:

- MAXIMUM ALLOWABLE INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER DAY FOR THE SANITARY SEWER. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM DESIGNATION C828-86 ENTITLED PRACTICE FOR LOW-PRESSURE AIR TEST OF VITRIFIED CLAY PIPE LINES. SANITARY MANHOLES SHALL BE VISUALLY INSPECTED AND TESTED FOR LEAKAGE BY EXFILTRATION OR VACUUM. VACUUM TESTING OF MANHOLES SHALL COMPLY WITH THE METHOD OUTLINED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION - TECHNICAL INFORMATION PAMPHLET (TIP) NO. 15 (LATEST REVISION).
- FLOOR DRAINS, IF CONSTRUCTED IN THE PROJECT, MUST BE CONNECTED TO THE SANITARY SEWER. NOTE: FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FOOTER DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUND WATER. ALL DISCHARGES FROM THE FLOOR DRAINS TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
- DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5% IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
- MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.





SEE UTILITY PLAN SHEET 1 OF 4 (BME DRAWING #2728A-10) FOR MCDPH STANDARD NOTES.
SEE UTILITY PLAN SHEET 3 OF 4 (BME DRAWING #2728A-12) FOR UTILITY NOTES.

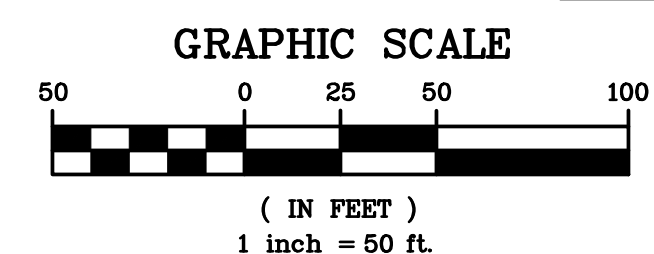
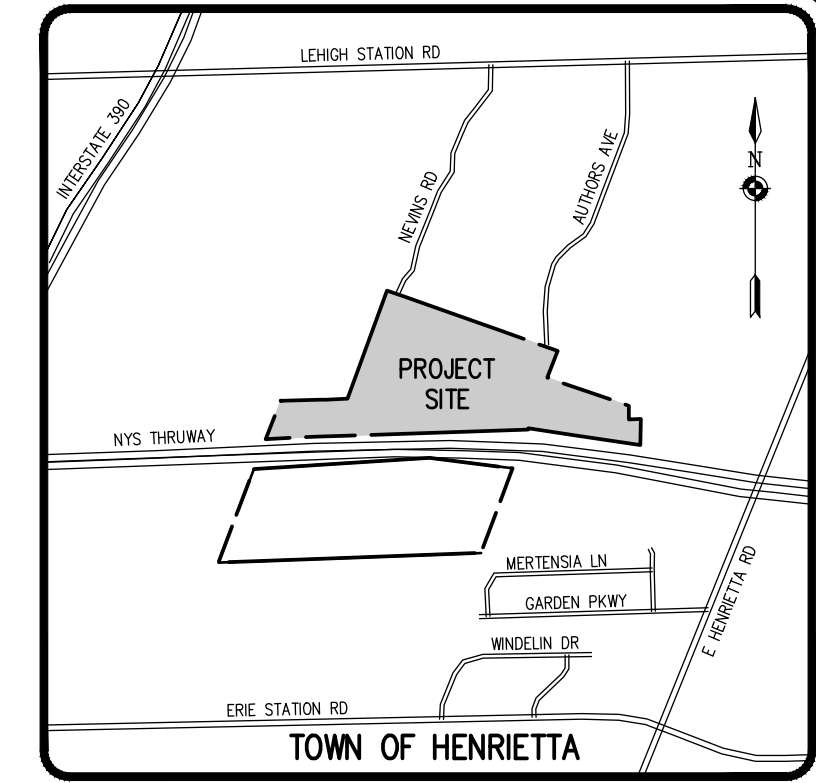


NEW YORK STATE THRUWAY (RIGHT-OF-WAY WIDTH VARIES) N/F

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
THESE PLANS FOR PUBLIC SANITARY SEWER EXTENSION / IMPROVEMENT ARE HEREBY APPROVED PURSUANT TO ARTICLE 17 OF THE NYS ENVIRONMENTAL CONSERVATION LAW SUBJECT TO CONDITIONS OF APPROVAL.
DIRECTOR OF PUBLIC HEALTH

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
THESE PLANS FOR PUBLIC WATER SYSTEM EXTENSION / IMPROVEMENT ARE HEREBY APPROVED PURSUANT TO TOWN/CORPS OF THE STATE SANITARY CODE SUBJECT TO CONDITIONS OF APPROVAL.
DIRECTOR OF PUBLIC HEALTH

IRONDEQUOT BAY SOUTH CENTRAL PURE WATERS DISTRICT:
[Signature Box]



PUBLIC WATER SYSTEM NOTES

- Water mains and appurtenances to be constructed in accordance with the regulations and specifications of the Water Authority.
Material:
Water main(s) shall be 8" -inch ductile iron cement-lined Class 52.
Water service(s) shall be 1" -inch Type K Copper from the water main to the curb box and 1/2" -inch (Type K soft Copper or PE #4710) from the curb box to the meter.
Water meter(s) shall be located on the interior of exterior walls immediately upon service entrance into the building(s).
All gate valves shall have stainless steel body and bonnet bolts.
Tests:
Soil Test. The contractor shall provide a soil test evaluation to determine the need for polyethylene encasement per ANSI/AWWA C105/AZI.5-82 prior to water main installation.
Pressure Test. Water mains to be pressure tested in accordance with the latest Water Authority specifications.
Health Sample. The water main shall be disinfected equal to AWWA Standard Specifications, designation C-651, by using the continuous feed method.
Installation:
Water mains and all water service lines shall have a minimum of five feet of cover from finished grade in lawn areas and a minimum of six feet of cover from finished grade in paved areas.
Minimum vertical separation between water main and sewer mains shall be 18" measured from the outside of the pipes at the point of crossing.
Fire hydrant weep holes (drains) shall be plugged when ground water is encountered within seven feet of the finished grade.
All mechanical joint fittings (tees, bends, plugs, etc.) shall be backed with 2500 psi concrete thrust blocks of appropriate size to provide thrust restraint.

MONROE COUNTY WATER AUTHORITY
ROCHESTER, NEW YORK
DEC 2020 DATE
DME 28

NOT APPROVED
This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.

APPROVALS

BY: DIRECTOR OF ENGINEERING AND PLANNING DATE:
BY: COMMISSIONER OF PUBLIC WORKS DATE:
BY: DRAINAGE, SECTORS, SIDEWALKS DEPARTMENT DATE:
BY: MONROE COUNTY WATER AUTHORITY DATE:
BY: FIRE MARSHAL DATE:

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the State Education Department a specific description of the alteration.

Table with columns: REVISIONS, DATE, BY

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FAX 585-377-7369
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LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE, NY 14640
1112 EAST RIVER ROAD
AVON, NEW YORK 14414
FINAL SECTION 1
UTILITY PLAN

PROJECT LOCATION CLIENT DRAWING TITLE
PROJECT MANAGER DATE
PG VARS
PROJECT ENGINEER DATE
JG CRETEKOS / AP BEYLER
DRAWN BY DATE
AN D'ANGELO
SCALE DATE ISSUED
1"=50' AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
11
(SHEET 2 OF 4)

UTILITY NOTES:

- 1. THE SETBACK LINES AND NOTES RELATING TO SETBACK SHOWN HEREON ARE INTENDED TO SHOW APPLICABLE ZONING REQUIREMENTS AND APPROVALS UNDER SECTION 27B OF TOWN LAW OF THE TOWN OF HENRIETTA AS OF THE DATE OF THIS MAP AND ARE NOT INTENDED TO IMPOSE ANY ADDITIONAL RESTRICTIONS OTHER THAN SAID ZONING REQUIREMENTS.
2. BUILDINGS SHOWN ON THIS PLAN ARE GRAPHICAL REPRESENTATIONS ONLY.
3. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF HENRIETTA, THE APPROPRIATE AGENCIES (IE, MONROE COUNTY WATER AUTHORITY, AND THE MONROE COUNTY HEALTH DEPARTMENT) UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION. FOR DESCRIPTIVE AND SURVEY DATA ON THE CONTROL MONUMENTS, CALL THE MONROE COUNTY GEODETIC SURVEY OFFICE.
5. THE DEVELOPER'S AND CONTRACTOR'S ATTENTION IS DIRECTED TO LOCAL LAW NO. 6 OF 1971 REGARDING LIABILITY INCURRED THROUGH DISTURBANCES OR DESTRUCTION OF GEODETIC SURVEY MONUMENTS.
6. EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR AVAILABLE UTILITY COMPANY RECORD PLANS. EXISTING UTILITIES WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL CALL THE UFPO HOTLINE AT 1(800)962-7962 OR 811 FOR STAKE-OUT OF EXISTING UTILITIES.
7. 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 EXISTING CONDITIONS.
8. ALL UNDERGROUND UTILITY LINES AND SERVICES IN PROPOSED PAVEMENT AREAS SHALL BE BACKFILLED WITH #1 AND #2 CRUSHER RUN STONE PLACED IN 8" LIFTS AND COMPACTED TO 95% MAXIMUM DRY DENSITY. THROUGH AN INDEPENDENT TESTING LABORATORY, THE CONTRACTOR WILL PROVIDE A MINIMUM OF TWO PASSING TESTS PER TRENCH CROSSING CERTIFYING 95% COMPACTION AT THE SUBBASE ELEVATION. EACH TEST IS NOT TO EXCEED 15 LF.
9. ALL PIPE CROSSINGS TO BE STONED FROM BOTTOM TRENCH OF LOWER PIPE TO SPRING LINE OF UPPER PIPE.
10. ALL PROPOSED UTILITIES OUTSIDE OF OR ADJACENT TO ROAD RIGHT-OF-WAY LIMITS WILL REQUIRE PROPOSED EASEMENTS TO THE TOWN OF HENRIETTA, AND/OR MCWA AS APPROPRIATE. THE PROPOSED EASEMENT LOCATIONS WILL BE PROVIDED ON FINAL SITE PLANS.
9. IF SUSPICIOUS AND/OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, ALL WORK SHALL STOP AND THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE DEVELOPER HAS OBTAINED APPROPRIATE ACTION FOR DEALING WITH THE WASTE MATERIAL AND THE DEVELOPMENT PLANS ARE MODIFIED AS MAY BE NECESSARY.

WATERMAIN:

- 10. WATERMANS AND APPURTENANCES TO BE CONSTRUCTED TO THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE MONROE COUNTY WATER AUTHORITY. (SEE MCWA PUBLIC WATER SYSTEM NOTES).
11. FOR WATERMAIN CONSTRUCTION, ALL MECHANICAL JOINT FITTINGS, TEES, BENDS, PLUGS, ETC. SHALL BE BACKED WITH 2,500 PSI CONCRETE THRUST BLOCKS.
12. WATERMANS SHALL BE DUCTILE IRON CEMENT LINED CLASS 52 OR AS NOTED ON THE PLANS.
13. WATERMANS AND APPURTENANCES SHALL BE INSTALLED PER THE MOST RECENT AWWA C600 FOR DI STANDARDS.
14. THE WATERMAIN SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA C600 STANDARDS (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE MONROE COUNTY WATER AUTHORITY.
15. THE WATER MAIN SHALL BE DISINFECTED PER THE MOST RECENT AWWA C651 STANDARDS. FOLLOWING DISINFECTION, THE WATER MAIN SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING.
FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS.
THE MONROE COUNTY DEPARTMENT OF HEALTH MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. THE HEALTH DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL AND FECAL COLIFORM AND 24-HOUR BACTERIAL PLATE COUNT.
ALL WATER MAIN FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.
THE WATER MAIN SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF HEALTH.
16. ALL WATERMANS SHALL HAVE A MINIMUM OF FIVE FEET OF COVER FROM FINISHED GRADE IN LAWN AREAS AND A MINIMUM OF SIX FEET OF COVER FROM FINISHED GRADE IN PAVED AREAS. THE CONTRACTOR SHALL CHECK ALL CUT STAKES BEFORE TRENCHING TO INSURE THAT ALL INSTALLED WATERMANS WILL HAVE THE REQUIRED COVER.
17. WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUNDWATER BE ENCOUNTERED WITHIN SEVEN (7') FEET OF THE FINISH GRADE, FIRE HYDRANT WEEPHOLES (DRAINS) SHALL BE PLUGGED.
18. PRIOR TO INSTALLATION OF THE WATERMAIN, THE CONTRACTOR SHALL PROVIDE RESULTS OF A 10 POINT SOIL TEST EVALUATION PER ANSI-AWWA C105-AZ1.5-82 TO DETERMINE THE NEED FOR POLYETHYLENE ENCASEMENT. SOIL TESTS ARE TO BE PERFORMED BY AN APPROVED SOIL TESTING LABORATORY IN ACCORDANCE WITH MCWA STANDARDS.
19. MINIMUM SEPARATION BETWEEN WATERMAIN AND SEWER MAINS TO BE 18" VERTICALLY MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. MINIMUM HORIZONTAL SEPARATION BETWEEN WATERMANS AND SEWER MAINS TO BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES. ONE FULL LENGTH OF WATERMAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. WHERE A WATERMAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWERS TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING ON AND BREAKING THE WATERMANS.

SANITARY SEWER:

- 20. ALL SANITARY SEWERS ARE IN COMPLIANCE WITH THE SPECIFICATIONS AND SEWER POLICY OF THE TOWN OF HENRIETTA.
21. SANITARY SEWERS, HOUSE LATERALS AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATIONS OF THE TOWN OF HENRIETTA.
22. SANITARY SEWER PIPE SHALL BE 8" PVC SDR-35 OR AS NOTED ON THE PLAN.
23. FLOOR DRAINS TO BE CONNECTED TO THE SANITARY SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION OF FOOTER DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUNDWATER. ALL DISCHARGES TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
24. INFILTRATION AND EXFILTRATION SHALL BE LIMITED TO 100 GALLONS PER MILLER PER INCH DIAMETER OF PIPE PER 24 HOURS OF SANITARY SEWERS. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM-C-828-86, ENTITLED "STANDARD PRACTICE FOR LOW PRESSURE AIR TEST OF VITRIFIED CLAY PIPE LINES." SANITARY MANHOLES SHALL BE TESTED FOR EXFILTRATION.

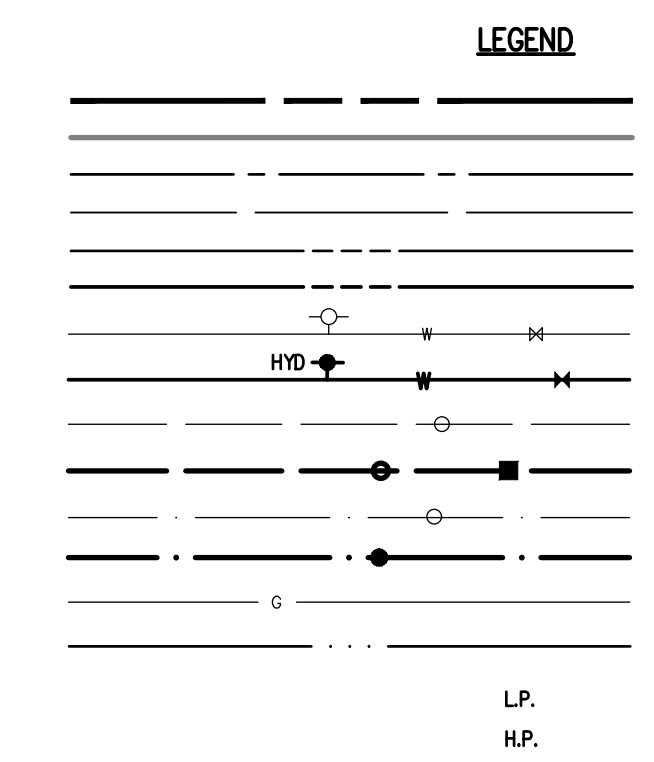
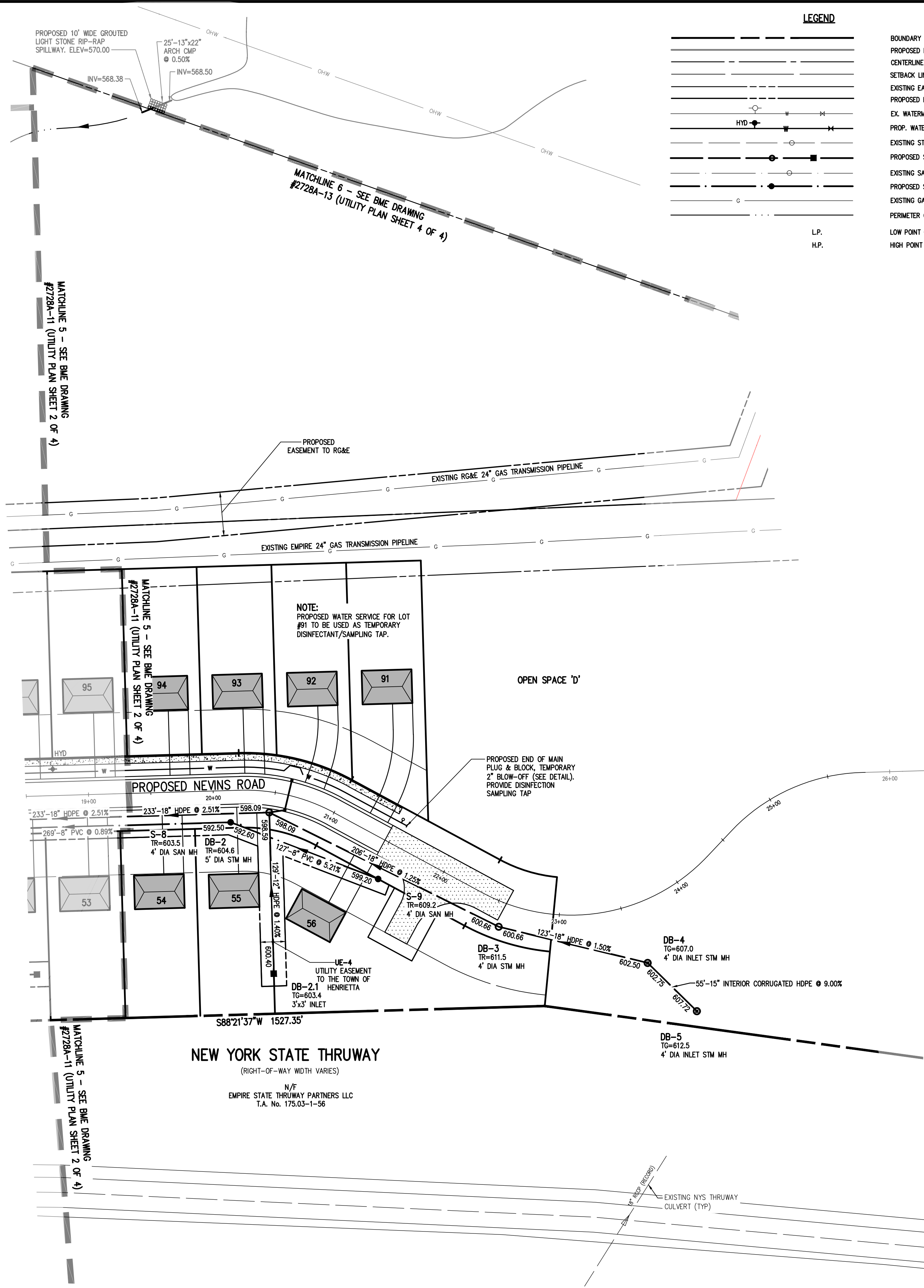
WATER TESTING - EACH MANHOLE SHALL BE FILLED WITH A MAXIMUM OF 10 FEET OF WATER, SUBJECT TO A 24 HOUR TEST AND SHOW A LOSS OF WATER NOT TO EXCEED 15 GALLONS/24 HOURS FOR A 4 FOOT IDMH. INFILTRATION TESTS SHALL ADHERE TO THE SAME LIMITS.

VACUUM TESTING - EACH MANHOLE SHALL BE SUBJECT TO A VACUUM OF 10 INCHES OF HG FOR ONE MINUTE WITH AN ALLOWABLE LOSS OF 1 INCH OF HG.

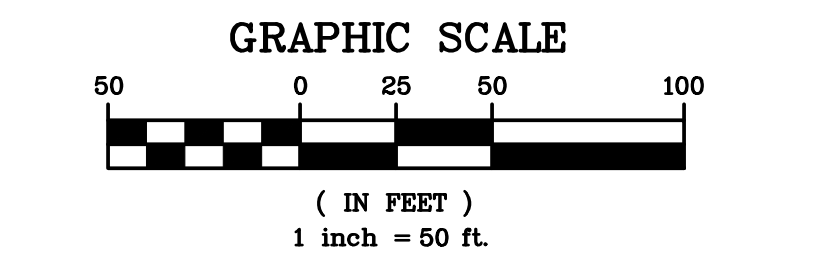
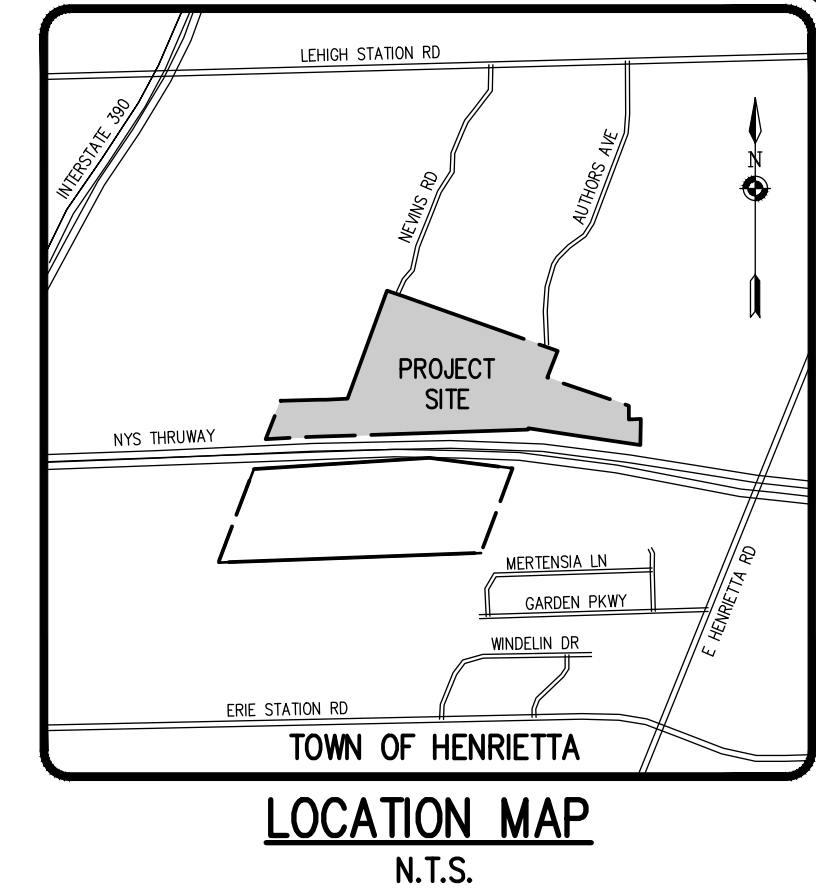
- 25. THE FOLLOWING TESTS SHALL BE PERFORMED ON PVC SANITARY SEWER PIPE:
A) DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACK FILL HAS BEEN IN PLACE AT LEAST 30 DAYS. ALL SEWER MAIN LINES SHALL BE TELEVIEWED AT THIS TIME.
B) NO PIPE SHALL EXCEED A 5% DEFLECTION.
C) IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
26. NEW SEWERS ARE TO BE PLUGGED WHEN CONNECTED TO EXISTING MANHOLES UNTIL THE NEW SEWERS ARE FLUSHED, TESTED, AND READY FOR SERVICE.

STORM SEWER:

- 27. STORM SEWERS, HOUSE LATERALS AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATIONS OF THE TOWN OF HENRIETTA.
28. STORM SEWER PIPE SHALL BE HDPE OR AS NOTED ON THE PLAN
29. CHECK VALVES TO BE PROVIDED ON SUMP PUMPS.
30. ALL REAR YARD DOWNSPOUTS SHALL DISCHARGE ON SPLASH BLOCKS. ALL FRONT YARD DOWNSPOUTS TO CONNECT INTO STORM SEWER VIA STORM LATERALS. FOUNDATION/BASEMENT DRAINS SHALL DISCHARGE TO STORM LATERALS VIA SUMP PUMPS.



BOUNDARY LINE
PROPOSED LOT LINE
CENTERLINE
SETBACK LINE
EXISTING EASEMENT LINE
PROPOSED EASEMENT LINE
EX. WATERMAIN, HYDRANT AND VALVE
PROP. WATERMAIN, HYDRANT AND VALVE
EXISTING STORM SEWER AND MANHOLE
PROPOSED STORM SEWER, MANHOLE AND INLET
EXISTING SANITARY SEWER AND MANHOLE
PROPOSED SANITARY SEWER AND MANHOLE
EXISTING GASMAIN
PERIMETER OF WATER BODY
LOW POINT OF PROPOSED ROAD
HIGH POINT OF PROPOSED ROAD



SEE UTILITY PLAN SHEET 1 OF 4 (BME DRAWING #2728A-10) FOR MCDPH STANDARD NOTES.
SEE UTILITY PLAN SHEET 2 OF 4 (BME DRAWING #2728A-11) FOR MCWA STANDARD NOTES.

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
THESE PLANS FOR PUBLIC SANITARY SEWER EXTENSION / IMPROVEMENT ARE HEREBY APPROVED PURSUANT TO ARTICLE 17 OF THE NYS ENVIRONMENTAL CONSERVATION LAW SUBJECT TO CONDITIONS OF APPROVAL.
DIRECTOR OF PUBLIC HEALTH
BY PUBLIC HEALTH ENGINEER DATE

IRONDEQUOT BAY SOUTH CENTRAL PURE WATERS DISTRICT:
APPROVALS

NOT APPROVED
This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.

BY: DIRECTOR OF ENGINEERING AND PLANNING DATE:
BY: COMMISSIONER OF PUBLIC WORKS DATE:
BY: DRAINAGE, SEWERS, SIDEWALKS DEPARTMENT DATE:
BY: DIRECTOR OF BUILDING/ FIRE PREVENTION DATE:
BY: MONROE COUNTY WATER AUTHORITY DATE:
BY: FIRE MARSHAL DATE:

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
'It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if on item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the item his seal and the notation 'altered by' followed by his signature and the date of each alteration, and a specific description of the alteration.'

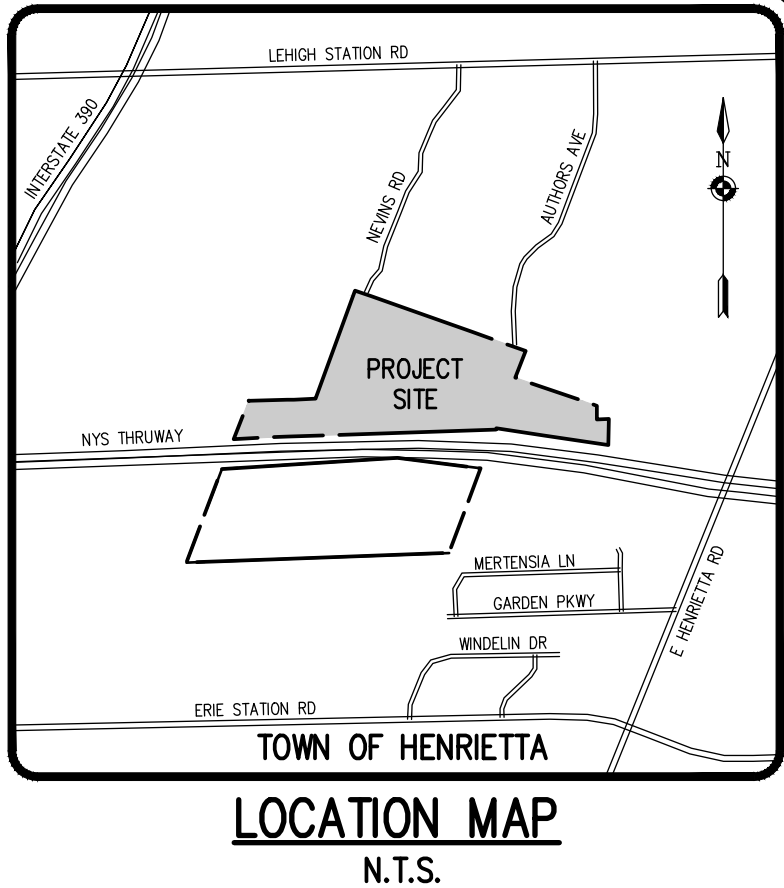
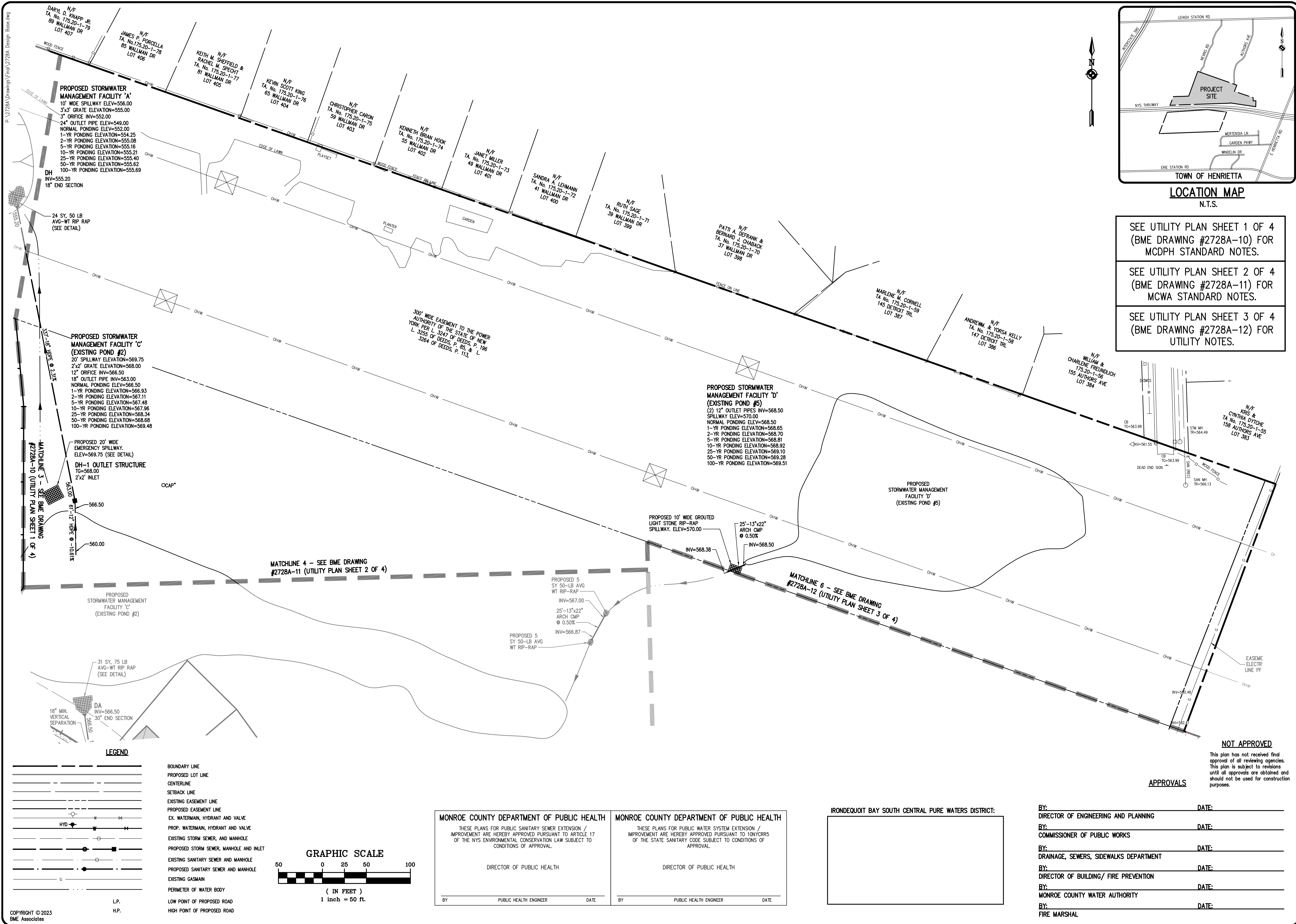
Table with columns: NO., DATE, BY, REVISIONS. Contains revision history entries.

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LEHIGH RIDGE DISTRICT, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414
FINAL SECTION 1
UTILITY PLAN

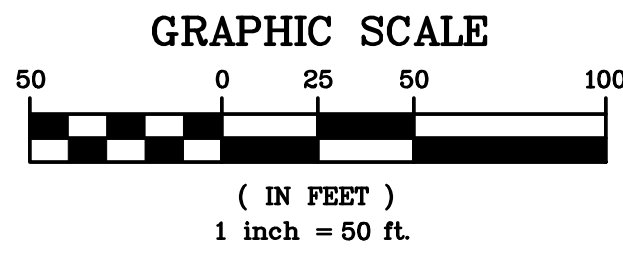
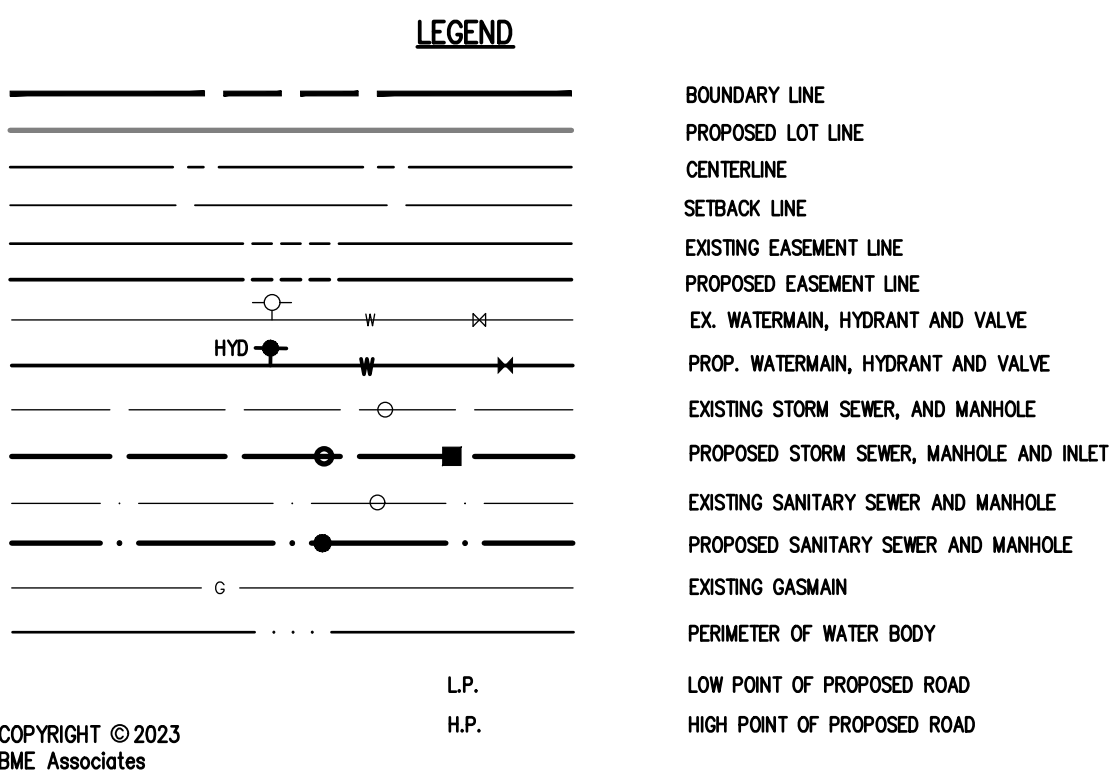
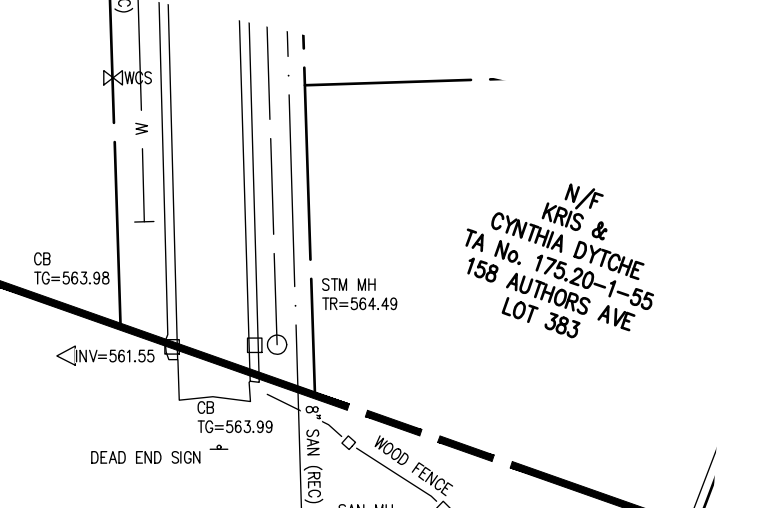
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SEE UTILITY PLAN SHEET 1 OF 4
 (BME DRAWING #2728A-10) FOR
 MCDPH STANDARD NOTES.

SEE UTILITY PLAN SHEET 2 OF 4
 (BME DRAWING #2728A-11) FOR
 MCWA STANDARD NOTES.

SEE UTILITY PLAN SHEET 3 OF 4
 (BME DRAWING #2728A-12) FOR
 UTILITY NOTES.



MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
 THESE PLANS FOR PUBLIC SANITARY SEWER EXTENSION / IMPROVEMENT ARE HEREBY APPROVED PURSUANT TO ARTICLE 17 OF THE NYS ENVIRONMENTAL CONSERVATION LAW SUBJECT TO CONDITIONS OF APPROVAL.

DIRECTOR OF PUBLIC HEALTH

BY: _____ DATE: _____
 PUBLIC HEALTH ENGINEER

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
 THESE PLANS FOR PUBLIC WATER SYSTEM EXTENSION / IMPROVEMENT ARE HEREBY APPROVED PURSUANT TO 10NYCRRS OF THE STATE SANITARY CODE SUBJECT TO CONDITIONS OF APPROVAL.

DIRECTOR OF PUBLIC HEALTH

BY: _____ DATE: _____
 PUBLIC HEALTH ENGINEER

IRONDEQUOT BAY SOUTH CENTRAL PURE WATERS DISTRICT:

BY: _____ DATE: _____
 DIRECTOR OF ENGINEERING AND PLANNING

BY: _____ DATE: _____
 COMMISSIONER OF PUBLIC WORKS

BY: _____ DATE: _____
 DRAINAGE, SEWERS, SIDEWALKS DEPARTMENT

BY: _____ DATE: _____
 DIRECTOR OF BUILDING/FIRE PREVENTION

BY: _____ DATE: _____
 MONROE COUNTY WATER AUTHORITY

BY: _____ DATE: _____
 FIRE MARSHAL

NOT APPROVED
 This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.

APPROVALS

Drawing Alteration
 The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
 "It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way, if an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation "altered by" followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

BME ASSOCIATES
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 10 LEBERTHURGE LANE EAST
 WESTBURY, NEW YORK 11590
 WWW.BMEARC.COM
 PHONE 516-337-7380
 FAX 516-337-7385

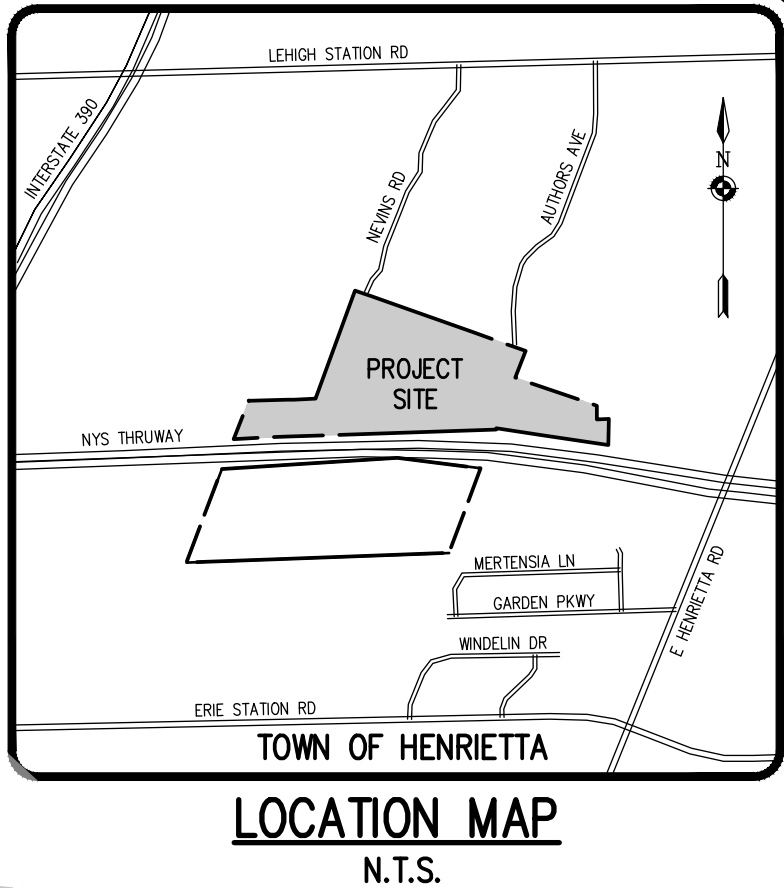
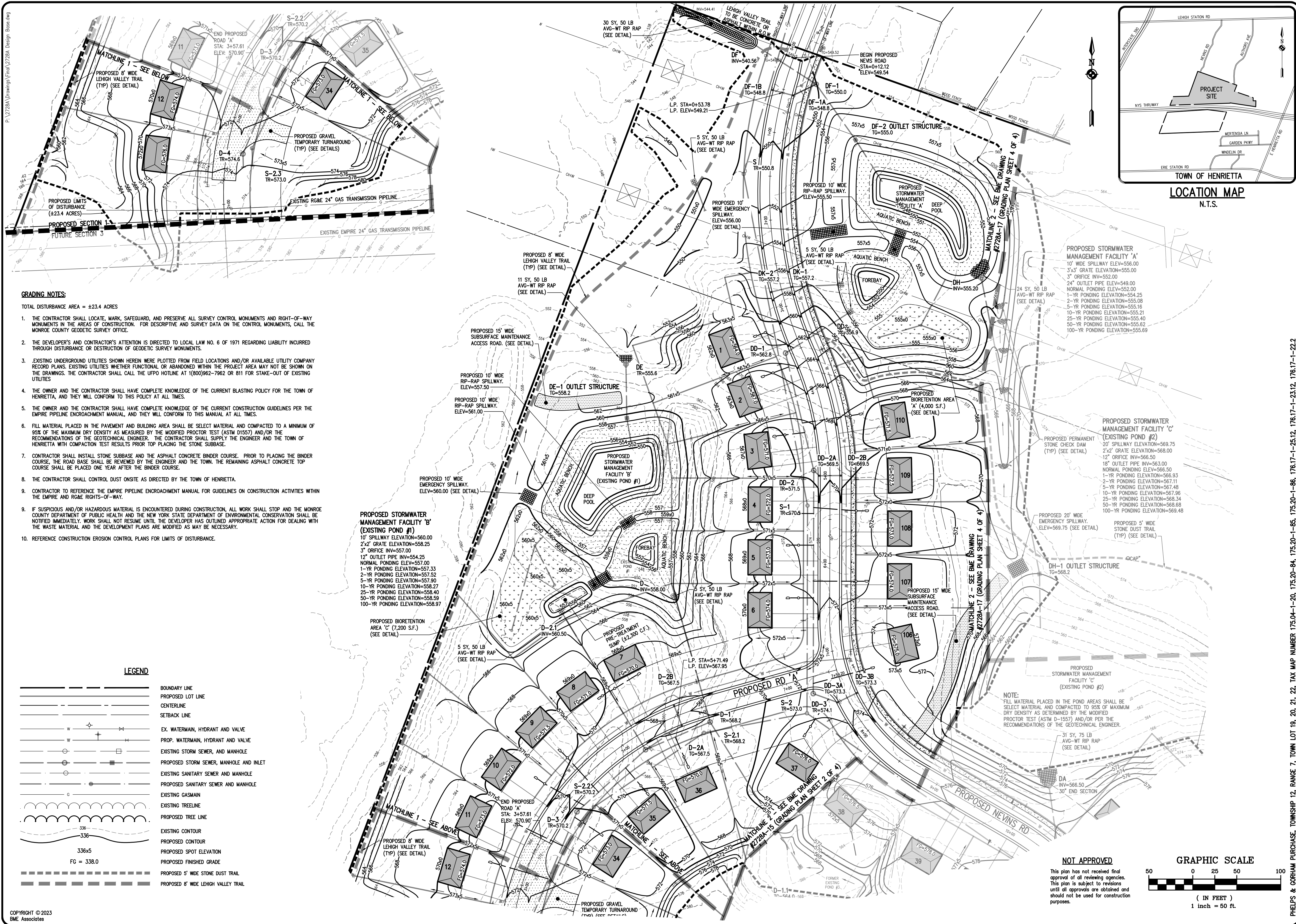
STATE OF NEW YORK
 GEORGE COLEMAN
 09527
 PROFESSIONAL ENGINEER

LEHIGH RIDGE
 TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
 LEHIGH RIDGE DISTRICT, LLC
 1112 EAST RIVER ROAD
 AVON, NEW YORK 14414

FINAL SECTION 1
UTILITY PLAN

PROJECT: _____ LOCATION: _____ CLIENT: _____ DRAWING TITLE: _____

PROJECT MANAGER: _____ DATE: _____
 PG VARS
 PROJECT ENGINEER: _____ DATE: _____
 JG CRETEKOS / AP BEYLER
 DRAWN BY: _____ DATE: _____
 AN D'ANGELO
 SCALE: _____ DATE ISSUED: _____
 1"=50' AUGUST 15, 2023
 PROJECT NO.: _____
2728A
 DRAWING NO.: _____
13
 (SHEET 4 OF 4)



GRADING NOTES:

- TOTAL DISTURBANCE AREA = ±23.4 ACRES
1. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION. FOR DESCRIPTIVE AND SURVEY DATA ON THE CONTROL MONUMENTS, CALL THE MONROE COUNTY GEODETIC SURVEY OFFICE.
 2. THE DEVELOPER'S AND CONTRACTOR'S ATTENTION IS DIRECTED TO LOCAL LAW NO. 6 OF 1971 REGARDING LIABILITY INCURRED THROUGH DISTURBANCE OR DESTRUCTION OF GEODETIC SURVEY MONUMENTS.
 3. EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR AVAILABLE UTILITY COMPANY RECORD PLANS. EXISTING UTILITIES WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL CALL THE UFPO HOTLINE AT (800)962-7962 OR 811 FOR STAKE-OUT OF EXISTING UTILITIES.
 4. THE OWNER AND THE CONTRACTOR SHALL HAVE COMPLETE KNOWLEDGE OF THE CURRENT BLASTING POLICY FOR THE TOWN OF HENRIETTA, AND THEY WILL CONFORM TO THIS POLICY AT ALL TIMES.
 5. THE OWNER AND THE CONTRACTOR SHALL HAVE COMPLETE KNOWLEDGE OF THE CURRENT CONSTRUCTION GUIDELINES PER THE EMPIRE PIPELINE ENCROACHMENT MANUAL, AND THEY WILL CONFORM TO THIS MANUAL AT ALL TIMES.
 6. FILL MATERIAL PLACED IN THE PAVEMENT AND BUILDING AREA SHALL BE SELECT MATERIAL AND COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS MEASURED BY THE MODIFIED PROCTOR TEST (ASTM D1557) AND/OR THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL SUPPLY THE ENGINEER AND THE TOWN OF HENRIETTA WITH COMPACTION TEST RESULTS PRIOR TO PLACING THE STONE SUBBASE.
 7. CONTRACTOR SHALL INSTALL STONE SUBBASE AND THE ASPHALT CONCRETE BINDER COURSE. PRIOR TO PLACING THE BINDER COURSE, THE ROAD BASE SHALL BE REVIEWED BY THE ENGINEER AND THE TOWN. THE REMAINING ASPHALT CONCRETE TOP COURSE SHALL BE PLACED ONE YEAR AFTER THE BINDER COURSE.
 8. THE CONTRACTOR SHALL CONTROL DUST ONSITE AS DIRECTED BY THE TOWN OF HENRIETTA.
 9. CONTRACTOR TO REFERENCE THE EMPIRE PIPELINE ENCROACHMENT MANUAL FOR GUIDELINES ON CONSTRUCTION ACTIVITIES WITHIN THE EMPIRE AND R&E RIGHTS-OF-WAY.
 10. IF SUSPICIOUS AND/OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, ALL WORK SHALL STOP AND THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE DEVELOPER HAS OUTLINED APPROPRIATE ACTION FOR DEALING WITH THE WASTE MATERIAL AND THE DEVELOPMENT PLANS ARE MODIFIED AS MAY BE NECESSARY.
 11. REFERENCE CONSTRUCTION EROSION CONTROL PLANS FOR LIMITS OF DISTURBANCE.

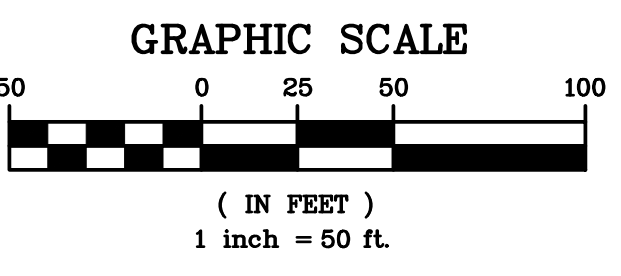
LEGEND

- BOUNDARY LINE
- PROPOSED LOT LINE
- CENTERLINE
- SETBACK LINE
- EX. WATERMAIN, HYDRANT AND VALVE
- PROP. WATERMAIN, HYDRANT AND VALVE
- EXISTING STORM SEWER, AND MANHOLE
- PROPOSED STORM SEWER, MANHOLE AND INLET
- EXISTING SANITARY SEWER AND MANHOLE
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING GASMAIN
- EXISTING TREELINE
- PROPOSED TREE LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED FINISHED GRADE
- PROPOSED 5' WIDE STONE DUST TRAIL
- PROPOSED 8' WIDE LEHIGH VALLEY TRAIL

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BME Associates

NOT APPROVED

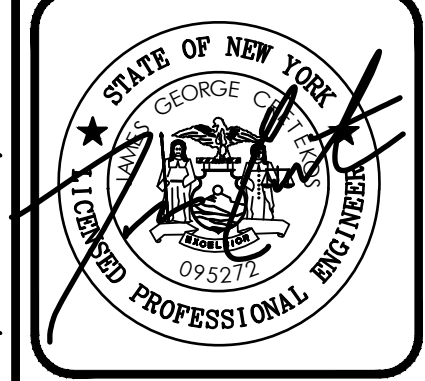
This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.



Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if on item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file to the item his seal and the notation 'altered by' followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	REVISIONS	DATE	BY
1			
2			
3			
4			
5			
6			
7			

BME ASSOCIATES
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PHONE 385-377-9800
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WWW.BMEARC.COM

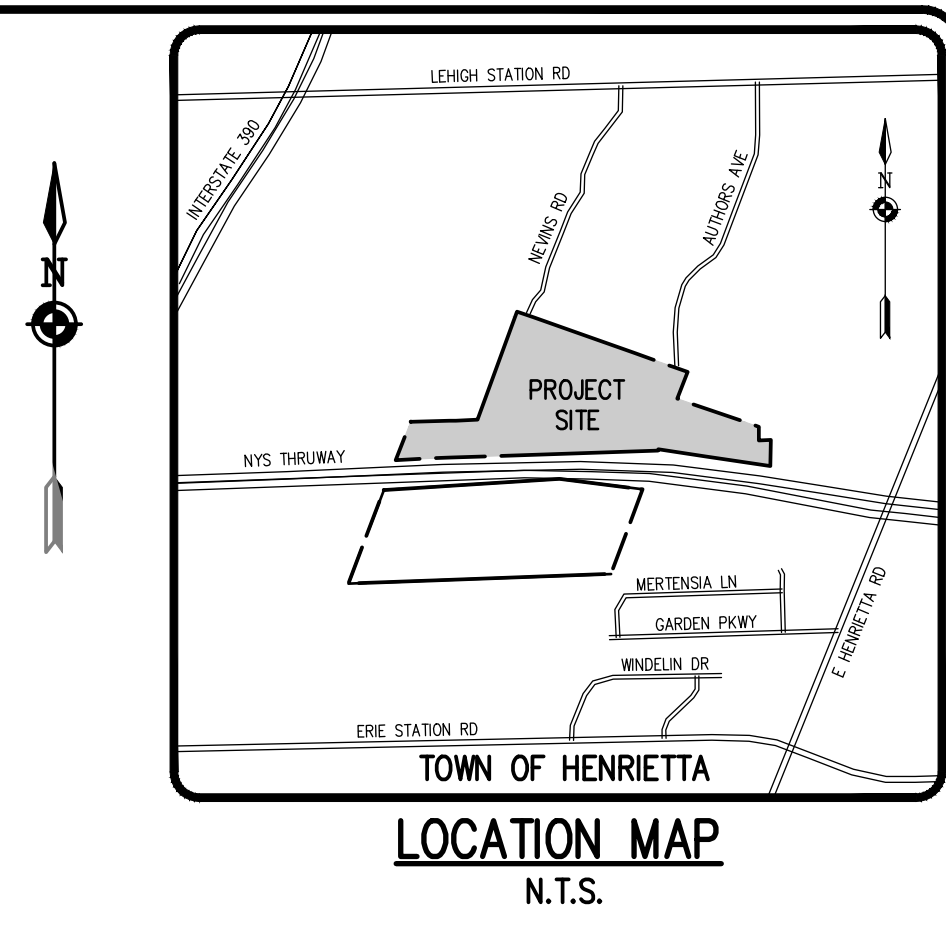
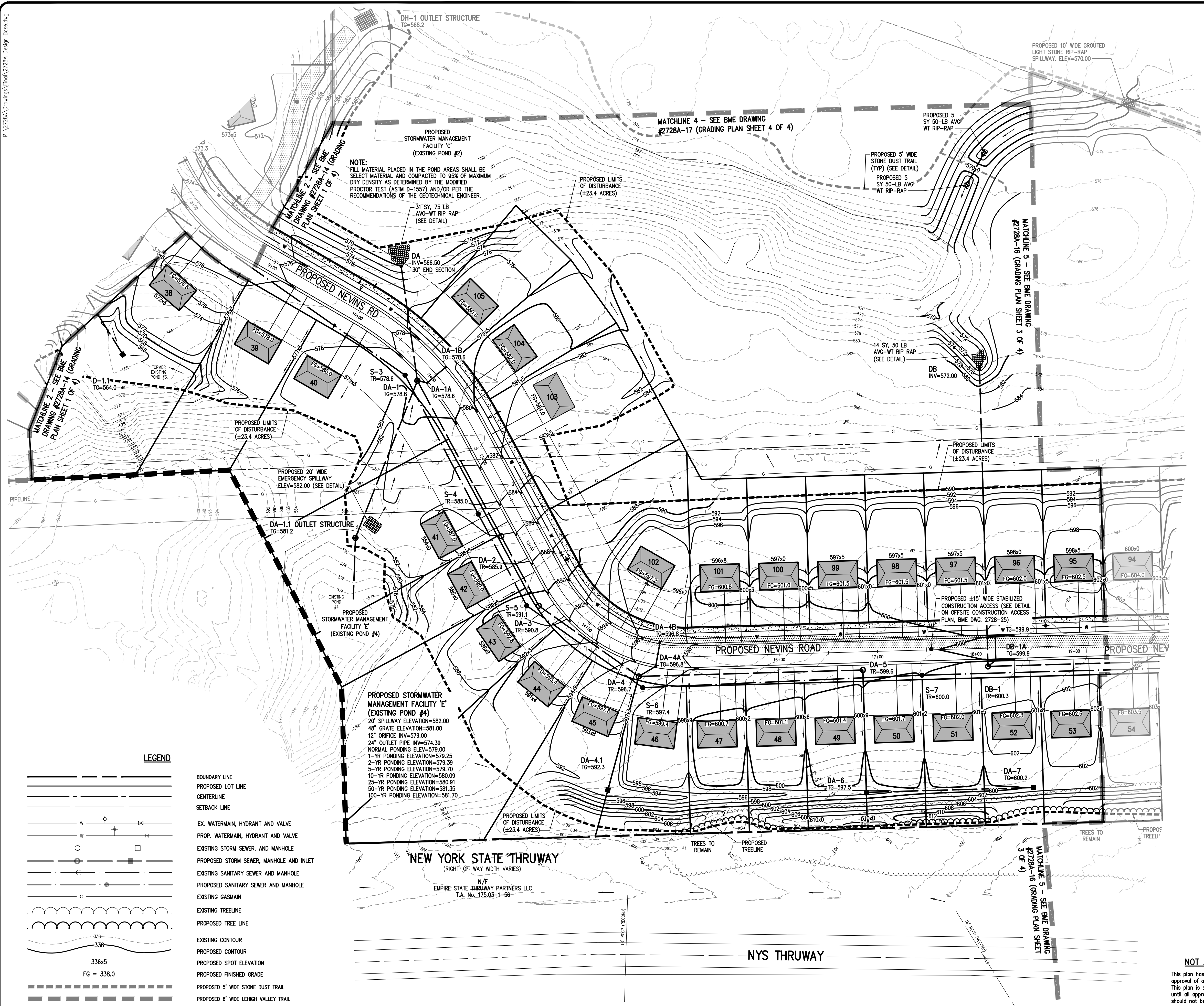


LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

PROJECT LOCATION CLIENT DRAWING TITLE
FINAL GRADING PLAN

PROJECT MANAGER DATE
PG VARS
PROJECT ENGINEER DATE
DRAWN BY DATE
AN D'ANGELO
SCALE DATE ISSUED
1"=50' AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
14
(SHEET 1 OF 4)

PHELPS & CORHAM PURCHASE, TOWNSHIP 12, RANGE 7, TOWN LOT 19, 20, 21, 22, TAX MAP NUMBER 175.04-1-20, 175.20-84, 175.20-1-85, 175.20-1-86, 176.17-1-23.12, 176.17-1-23.12, 176.17-1-23.12, 176.17-1-23.12



Revisions table with columns: NO., DATE, BY.

NO.	DATE	BY
1		
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 FAX 585-377-7585



LEHIGH RIDGE
 TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
 LEHIGH RIDGE DESIGN, LLC
 1112 EAST RIVER ROAD
 AVON, NEW YORK 14414

**FINAL SECTION 1
 GRADING PLAN**

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER DATE
 PG VARS
 PROJECT ENGINEER DATE
 JG CRETEKOS / AP BEYLER
 DRAWN BY DATE
 AN D'ANGELO
 SCALE DATE ISSUED
 1"=50' AUGUST 15, 2023
 PROJECT NO.
2728A
 DRAWING NO.
15
 (SHEET 2 OF 4)

LEGEND

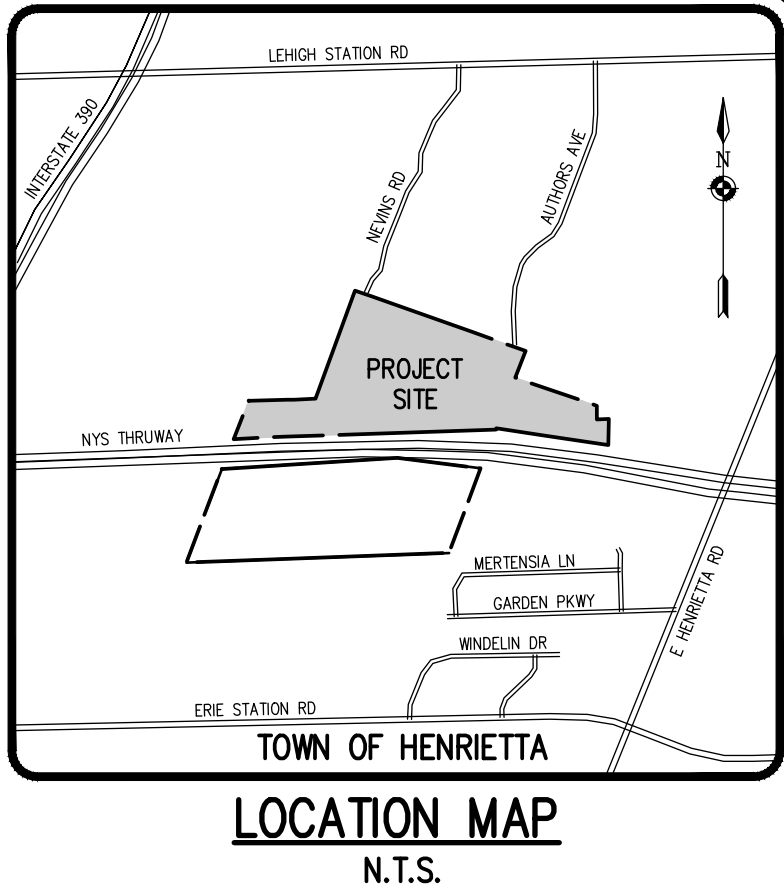
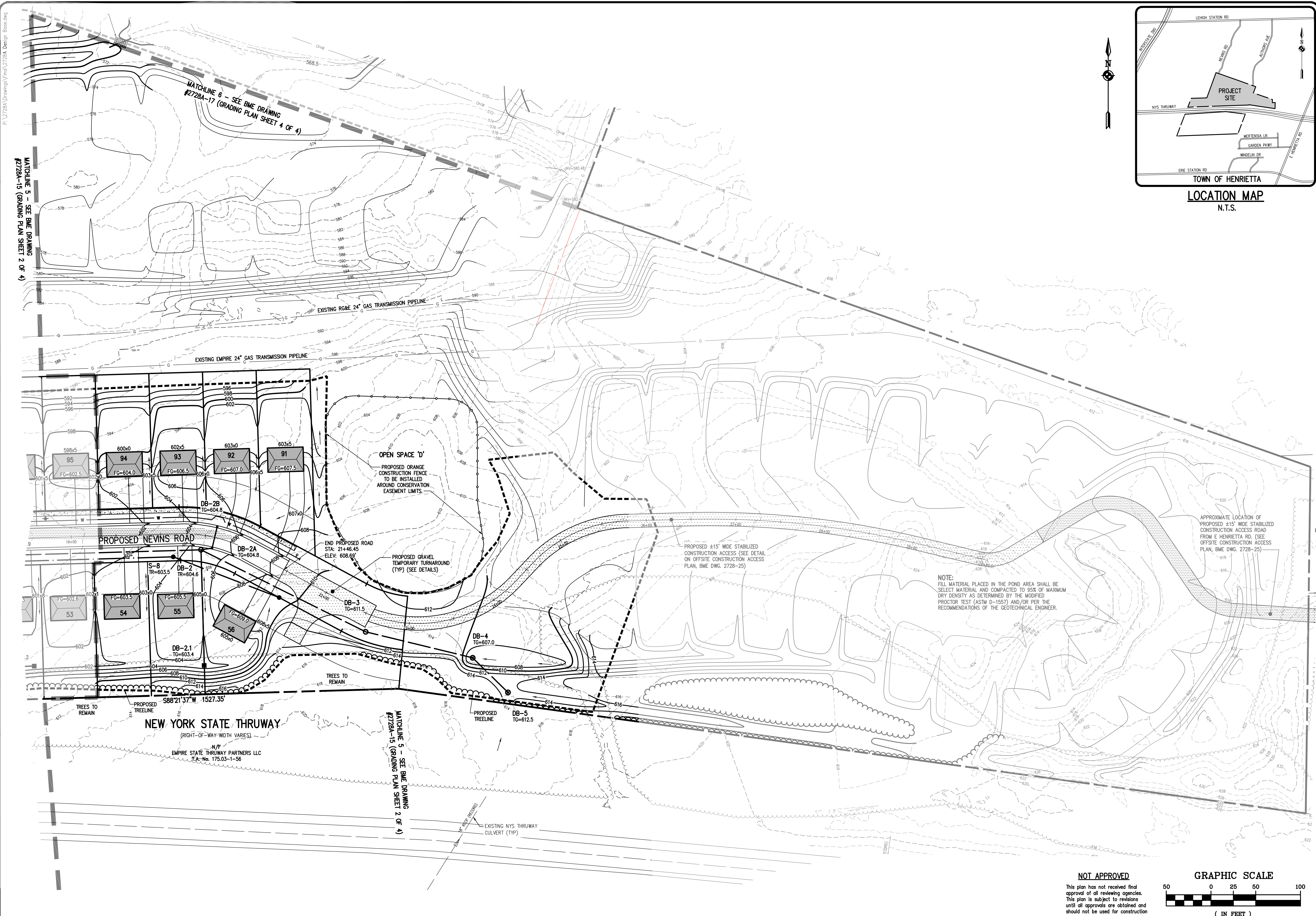
- BOUNDARY LINE
- PROPOSED LOT LINE
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- SETBACK LINE
- EX. WATERMAIN, HYDRANT AND VALVE
- PROP. WATERMAIN, HYDRANT AND VALVE
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- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED FINISHED GRADE
- PROPOSED 5' WIDE STONE DUST TRAIL
- PROPOSED 8' WIDE LEHIGH VALLEY TRAIL

336x5
 FG = 338.0

SEE GRADING PLAN (SHEET 1 OF 4)
 (BME DRAWING #2728A-14) FOR
 GRADING NOTES.

NOT APPROVED
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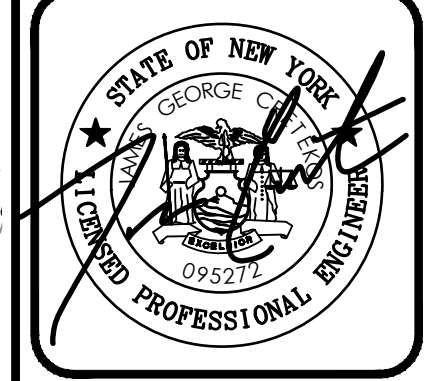
GRAPHIC SCALE
 50 0 25 50 100
 (IN FEET)
 1 inch = 50 ft.



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NO.	DATE	BY	REVISIONS
7			
6			
5			
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2			
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 WWW.BME-CA.COM



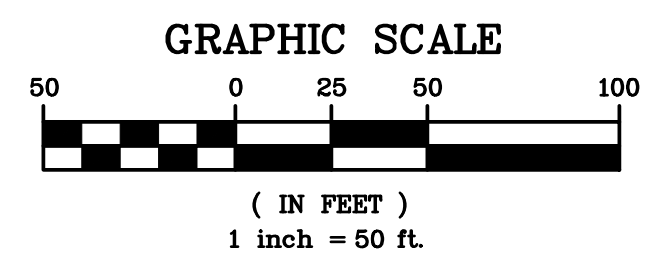
LEHIGH RIDGE
 TOWN OF HENRIETTA, MORRIS COUNTY, NEW YORK STATE
 LEHIGH RIDGE DESIGN, LLC
 1112 EAST RIVER ROAD
 AVON, NEW YORK 14414

FINAL SECTION 1
GRADING PLAN

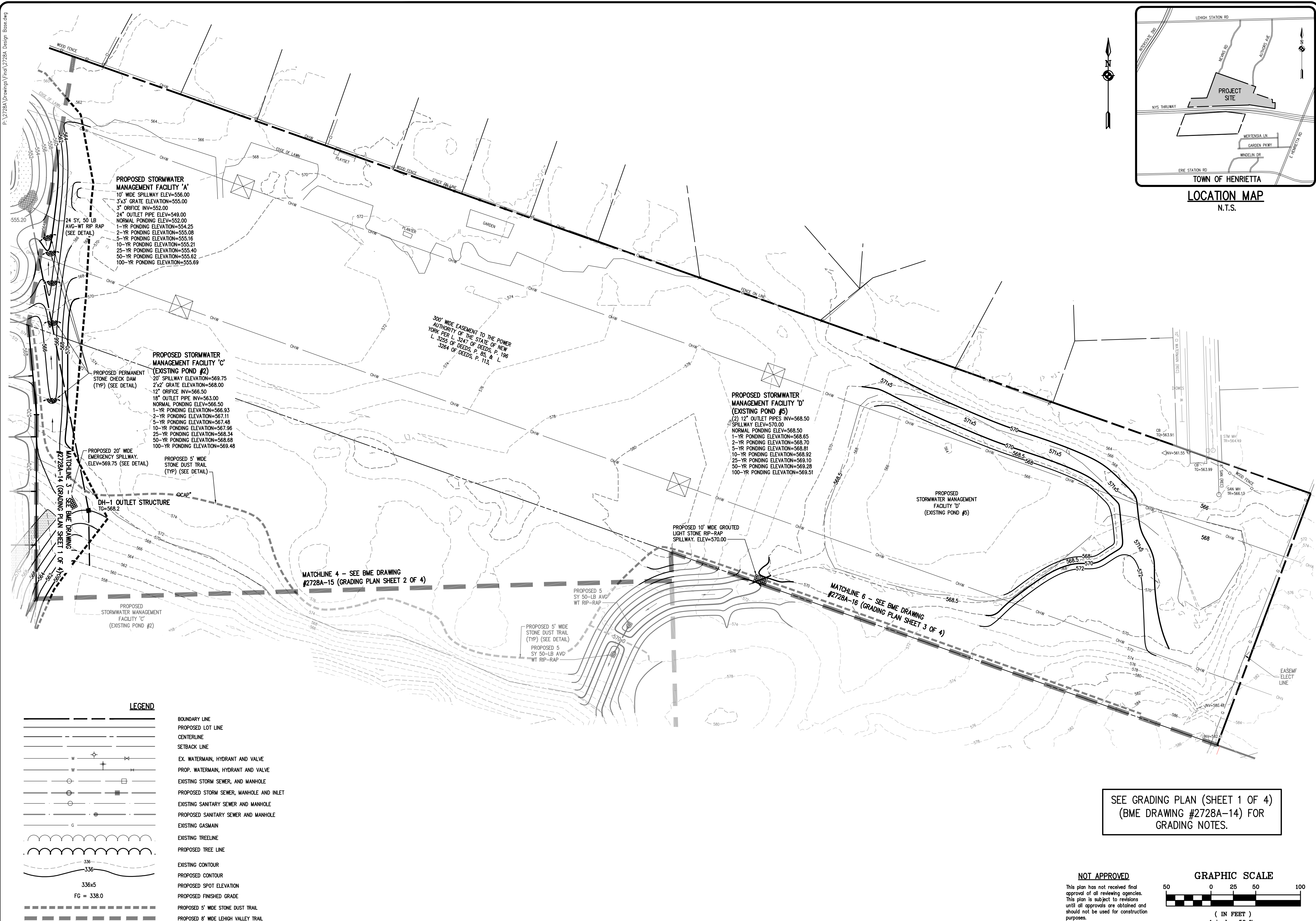
PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER DATE
 PG VARS
 PROJECT ENGINEER DATE
 JG CRETEKOS / AP BEYLER
 DRAWN BY DATE
 AN D'ANGELO
 SCALE DATE ISSUED
 1"=50' AUGUST 15, 2023
 PROJECT NO.
2728A
 DRAWING NO.
16
 (SHEET 3 OF 4)

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P:\2728A\Drawings\Final\2728A_Design_Base.dwg

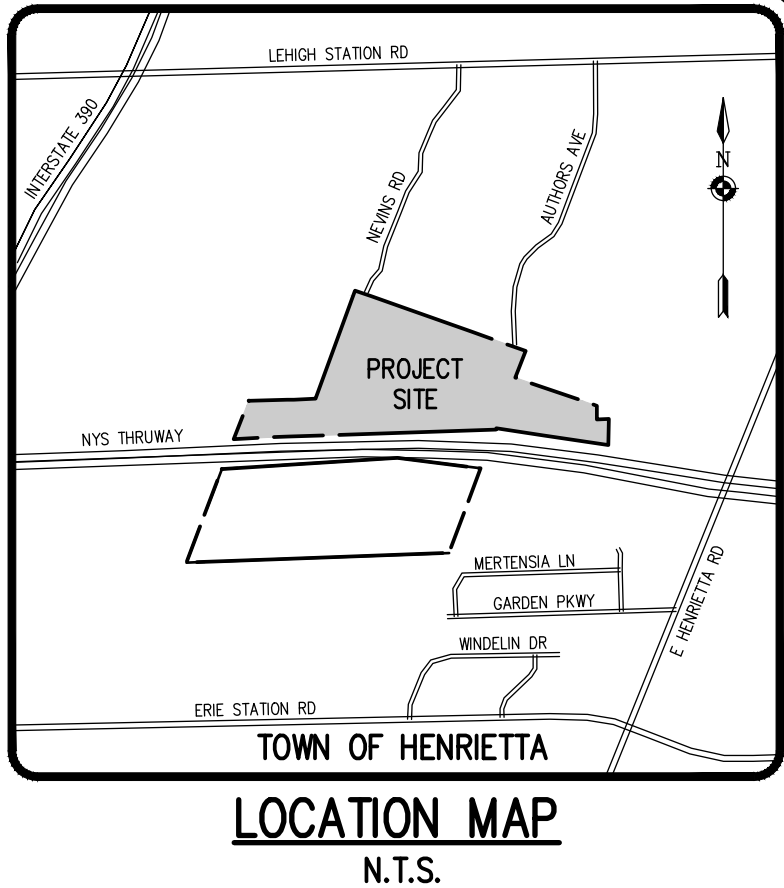
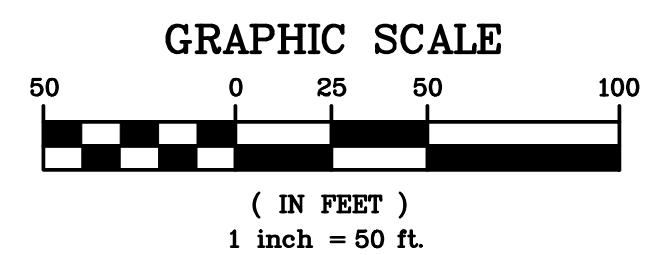


LEGEND

	BOUNDARY LINE
	PROPOSED LOT LINE
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	SETBACK LINE
	EX. WATERMAIN, HYDRANT AND VALVE
	PROP. WATERMAIN, HYDRANT AND VALVE
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	PROPOSED 8' WIDE LEHIGH VALLEY TRAIL

SEE GRADING PLAN (SHEET 1 OF 4)
 (BME DRAWING #2728A-14) FOR
 GRADING NOTES.

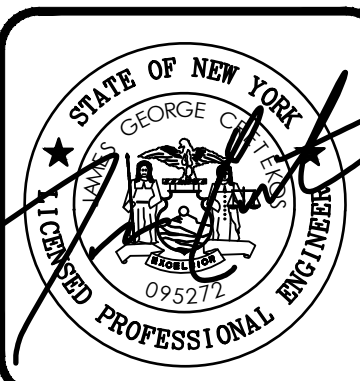
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NO.	REVISIONS	DATE	BY
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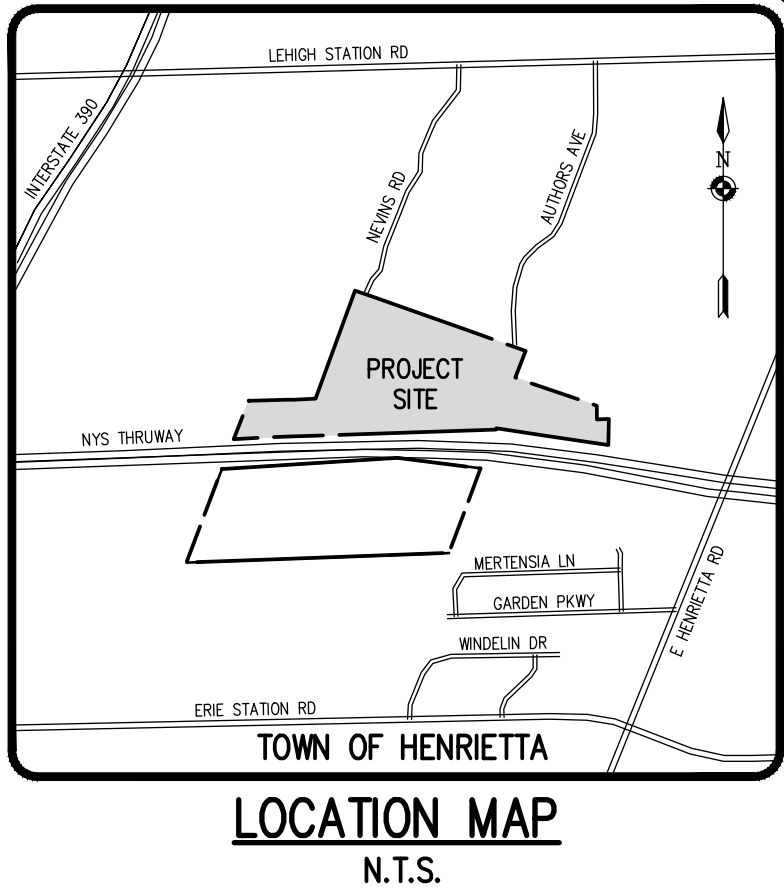
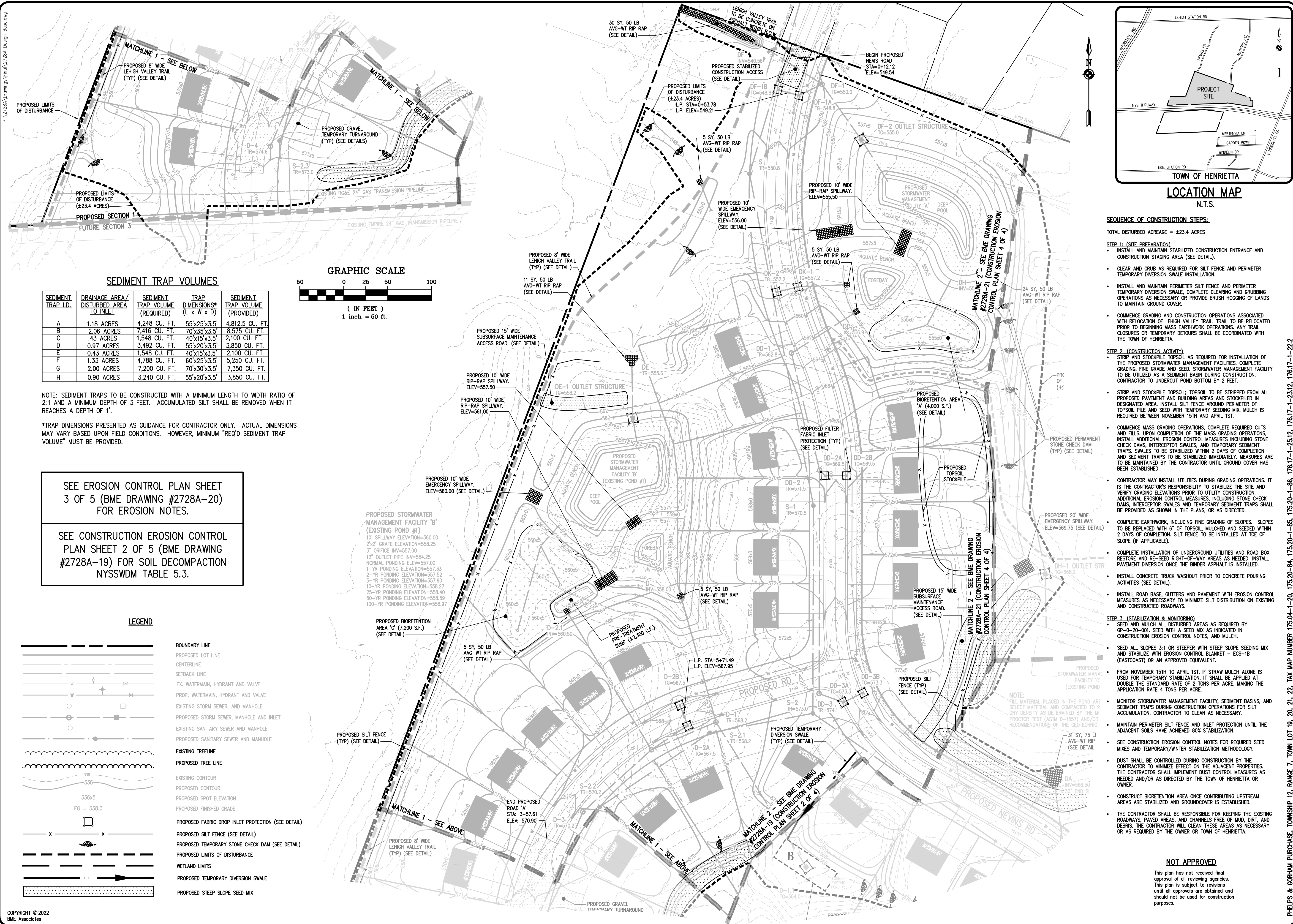


LEHIGH RIDGE
 TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
 LEHIGH RIDGE CRESTES, LLC
 1112 EAST RIVER ROAD
 AVON, NEW YORK 14414

FINAL SECTION 1
GRADING PLAN

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER	DATE
PG VARS	
PROJECT ENGINEER	DATE
JG CRETEKOS / AP BEYLER	
DRAWN BY	DATE
AN D'ANGELO	
SCALE	DATE ISSUED
1"=50'	AUGUST 15, 2023
PROJECT NO.	
2728A	
DRAWING NO.	
17	
(SHEET 4 OF 4)	



- SEQUENCE OF CONSTRUCTION STEPS:**
- TOTAL DISTURBED ACREAGE = ±23.4 ACRES
- STEP 1: (SITE PREPARATION)**
- INSTALL AND MAINTAIN STABILIZED CONSTRUCTION ENTRANCE AND CONSTRUCTION STAGING AREA (SEE DETAIL).
 - CLEAR AND GRUB AS REQUIRED FOR SILT FENCE AND PERIMETER TEMPORARY DIVERSION SWALE INSTALLATION.
 - INSTALL AND MAINTAIN PERIMETER SILT FENCE AND PERIMETER TEMPORARY DIVERSION SWALE, COMPLETE CLEARING AND GRUBBING OPERATIONS AS NECESSARY OR PROVIDE BRUSH HOLOGGING OF LOGS TO MAINTAIN GROUND COVER.
 - COMMENCE GRADING AND CONSTRUCTION OPERATIONS ASSOCIATED WITH RELOCATION OF LEHIGH VALLEY TRAIL. TRAIL TO BE RELOCATED PRIOR TO BEGINNING MASS EARTHWORK OPERATIONS. ANY TRAIL CLOSURES OR TEMPORARY DETOURS SHALL BE COORDINATED WITH THE TOWN OF HENRIETTA.
- STEP 2: (CONSTRUCTION ACTIVITY)**
- STRIP AND STOCKPILE TOPSOIL AS REQUIRED FOR INSTALLATION OF THE PROPOSED STORMWATER MANAGEMENT FACILITIES. COMPLETE GRADING, FINE GRADE AND SEED. STORMWATER MANAGEMENT FACILITY TO BE UTILIZED AS A SEDIMENT BASIN DURING CONSTRUCTION. CONTRACTOR TO UNDERCUT POND BOTTOM BY 2 FEET.
 - STRIP AND STOCKPILE TOPSOIL; TOPSOIL TO BE STRIPPED FROM ALL PROPOSED PAVEMENT AND BUILDING AREAS AND STOCKPILED IN DESIGNATED AREA. INSTALL SILT FENCE AROUND PERIMETER OF TOPSOIL PILE AND SEED WITH TEMPORARY SEEDING MIX. MULCH IS REQUIRED BETWEEN NOVEMBER 15TH AND APRIL 15TH.
 - COMMENCE MASS GRADING OPERATIONS, COMPLETE REQUIRED CUTS AND FILLS UPON COMPLETION OF MASS GRADING OPERATIONS. INSTALL ADDITIONAL EROSION CONTROL MEASURES INCLUDING STONE CHECK DAMS, INTERCEPTOR SWALES, AND TEMPORARY SEDIMENT TRAPS. SWALES TO BE STABILIZED WITHIN 2 DAYS OF COMPLETION AND SEDIMENT TRAPS TO BE STABILIZED IMMEDIATELY. MEASURES ARE TO BE MAINTAINED BY THE CONTRACTOR UNTIL GROUND COVER HAS BEEN ESTABLISHED.
 - CONTRACTOR MAY INSTALL UTILITIES DURING GRADING OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STABILIZE THE SITE AND VERIFY GRADING ELEVATIONS PRIOR TO UTILITY CONSTRUCTION. ADDITIONAL EROSION CONTROL MEASURES INCLUDING STONE CHECK DAMS, INTERCEPTOR SWALES AND TEMPORARY SEDIMENT TRAPS SHALL BE PROVIDED AS SHOWN IN THE PLANS, OR AS DIRECTED.
 - COMPLETE EARTHWORK, INCLUDING FINE GRADING OF SLOPES. SLOPES TO BE REPLACED WITH 6" OF TOPSOIL, MULCHED AND SEED WITHIN 2 DAYS OF COMPLETION. SILT FENCE TO BE INSTALLED AT TOE OF SLOPE (IF APPLICABLE).
 - COMPLETE INSTALLATION OF UNDERGROUND UTILITIES AND ROAD BOX. RESTORE AND RE-SEED RIGHT-OF-WAY AREAS AS NEEDED. INSTALL PAVEMENT DIVERSION ONCE THE BINDER ASPHALT IS INSTALLED.
 - INSTALL CONCRETE TRUCK WASHOUT PRIOR TO CONCRETE POURING ACTIVITIES (SEE DETAIL).
 - INSTALL ROAD BASE, GUTTERS AND PAVEMENT WITH EROSION CONTROL MEASURES AS NECESSARY TO MINIMIZE SILT DISTRIBUTION ON EXISTING AND CONSTRUCTED ROADWAYS.
- STEP 3: (STABILIZATION & MONITORING)**
- SEED AND MULCH ALL DISTURBED AREAS AS REQUIRED BY GP-0-20-001. SEED WITH A SEED MIX AS INDICATED IN CONSTRUCTION EROSION CONTROL NOTES, AND MULCH.
 - SEED ALL SLOPES 3:1 OR STEEPER WITH STEEP SLOPE SEEDING MIX AND STABILIZE WITH EROSION CONTROL BLANKET - ECS-1B (EASTCOAST) OR AN APPROVED EQUIVALENT.
 - FROM NOVEMBER 15TH TO APRIL 15TH, IF STRAW MULCH ALONE IS USED FOR TEMPORARY STABILIZATION, IT SHALL BE APPLIED AT DOUBLE THE STANDARD RATE OF 2 TONS PER ACRE, MAKING THE APPLICATION RATE 4 TONS PER ACRE.
 - MONITOR STORMWATER MANAGEMENT FACILITY, SEDIMENT BASINS, AND SEDIMENT TRAPS DURING CONSTRUCTION OPERATIONS FOR SILT ACCUMULATION. CONTRACTOR TO CLEAN AS NECESSARY.
 - MAINTAIN PERIMETER SILT FENCE AND INLET PROTECTION UNTIL THE ADJACENT SOILS HAVE ACHIEVED 80% STABILIZATION.
 - SEE CONSTRUCTION EROSION CONTROL NOTES FOR REQUIRED SEED MIXES AND TEMPORARY/WINTER STABILIZATION METHODOLOGY.
 - 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 HENRIETTA OR OWNER.
 - CONSTRUCT BIORETENTION AREA ONCE CONTRIBUTING UPSTREAM AREAS ARE STABILIZED AND GROUND COVER IS ESTABLISHED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING ROADWAYS, PAVED AREAS, AND CHANNELS FREE OF MUD, DIRT, AND DEBRIS. THE CONTRACTOR WILL CLEAN THESE AREAS AS NECESSARY OR AS REQUIRED BY THE OWNER OR TOWN OF HENRIETTA.

NOT APPROVED

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LEHIGH RIDGE
 PROJECT LOCATION CLIENT DRAWING TITLE
 TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
 LEHIGH RIDGE DEVELOPMENT, LLC
 1112 EAST RIVER ROAD
 AVON, NEW YORK 14414
 PROJECT NUMBER: 175-04-1-20, 175-20-84, 175-20-1-86, 175-20-1-85, 175-20-1-88, 176-17-1-23.12, 176-17-1-23.12, 176-17-1-23.22
 TAX MAP NUMBER: 175-04-1-20, 175-20-84, 175-20-1-86, 175-20-1-85, 175-20-1-88, 176-17-1-23.12, 176-17-1-23.22
 RANGE 7, TOWN LOT 19, 20, 21, 22, TAX MAP NUMBER: 175-04-1-20, 175-20-84, 175-20-1-86, 175-20-1-85, 175-20-1-88, 176-17-1-23.12, 176-17-1-23.22
 PHILIPS & CORHAM PURCHASE, TOWNSHIP 12, RANGE 7, TOWN LOT 19, 20, 21, 22

CONSTRUCTION EROSION CONTROL PLAN

PROJECT LOCATION CLIENT DRAWING TITLE
 PROJECT MANAGER DATE
 PG VARS
 PROJECT ENGINEER DATE
 JG CRETEKOS / AP BEYLER
 DRAWN BY DATE
 AN D'ANGELO
 SCALE DATE ISSUED
 1"=50' AUGUST 15, 2023
 PROJECT NO.
 2728A
 DRAWING NO.
 18
 (SHEET 1 OF 5)

SEDIMENT TRAP VOLUMES

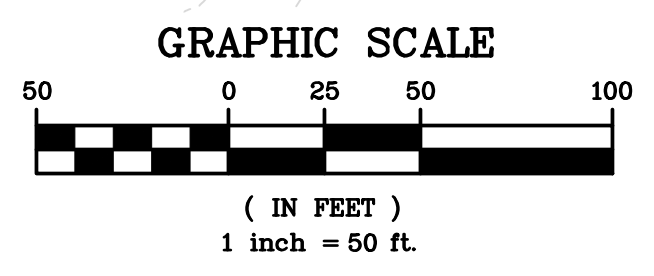
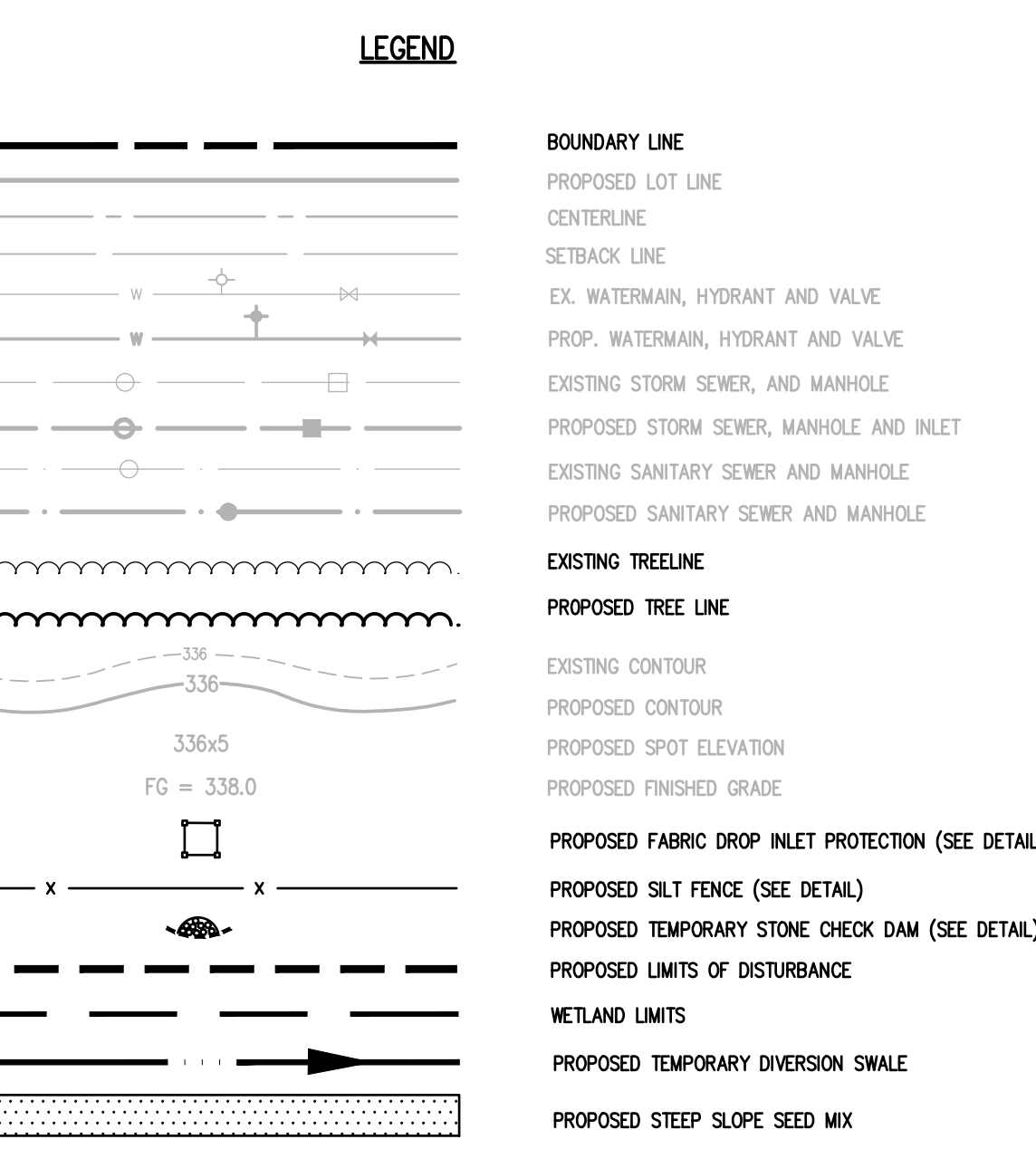
SEDIMENT TRAP I.D.	DRAINAGE AREA / DISTURBED AREA TO INLET	SEDIMENT TRAP VOLUME (REQUIRED)	TRAP DIMENSIONS* (L x W x D)	SEDIMENT TRAP VOLUME (PROVIDED)
A	1.18 ACRES	4,248 CU. FT.	55'x25'x3.5'	4,812.5 CU. FT.
B	2.06 ACRES	7,416 CU. FT.	70'x35'x3.5'	8,575 CU. FT.
C	.43 ACRES	1,548 CU. FT.	40'x15'x3.5'	2,100 CU. FT.
D	0.97 ACRES	3,492 CU. FT.	55'x20'x3.5'	3,850 CU. FT.
E	0.43 ACRES	1,548 CU. FT.	40'x15'x3.5'	2,100 CU. FT.
F	1.33 ACRES	4,788 CU. FT.	60'x25'x3.5'	5,250 CU. FT.
G	2.00 ACRES	7,200 CU. FT.	70'x30'x3.5'	7,350 CU. FT.
H	0.90 ACRES	3,240 CU. FT.	55'x20'x3.5'	3,850 CU. FT.

NOTE: SEDIMENT TRAPS TO BE CONSTRUCTED WITH A MINIMUM LENGTH TO WIDTH RATIO OF 2:1 AND A MINIMUM DEPTH OF 3 FEET. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 1'.

*TRAP DIMENSIONS PRESENTED AS GUIDANCE FOR CONTRACTOR ONLY. ACTUAL DIMENSIONS MAY VARY BASED UPON FIELD CONDITIONS. HOWEVER, MINIMUM "REQ'D SEDIMENT TRAP VOLUME" MUST BE PROVIDED.

SEE EROSION CONTROL PLAN SHEET 3 OF 5 (BME DRAWING #2728A-20) FOR EROSION NOTES.

SEE CONSTRUCTION EROSION CONTROL PLAN SHEET 2 OF 5 (BME DRAWING #2728A-19) FOR SOIL DECOMPACTION NYSSWDM TABLE 5.3.



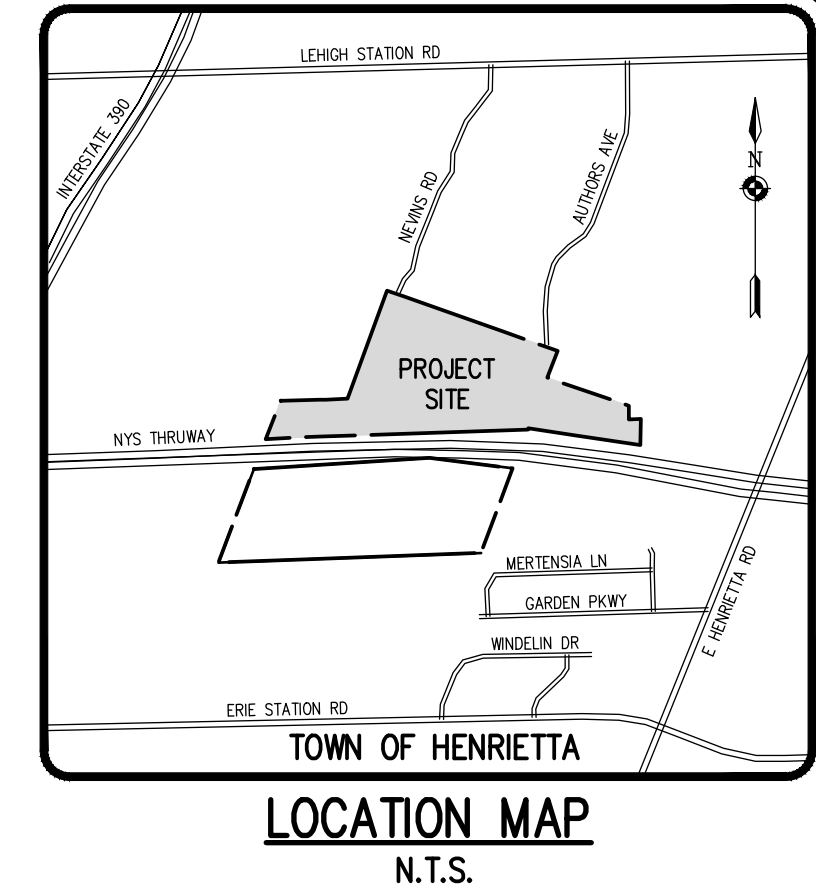
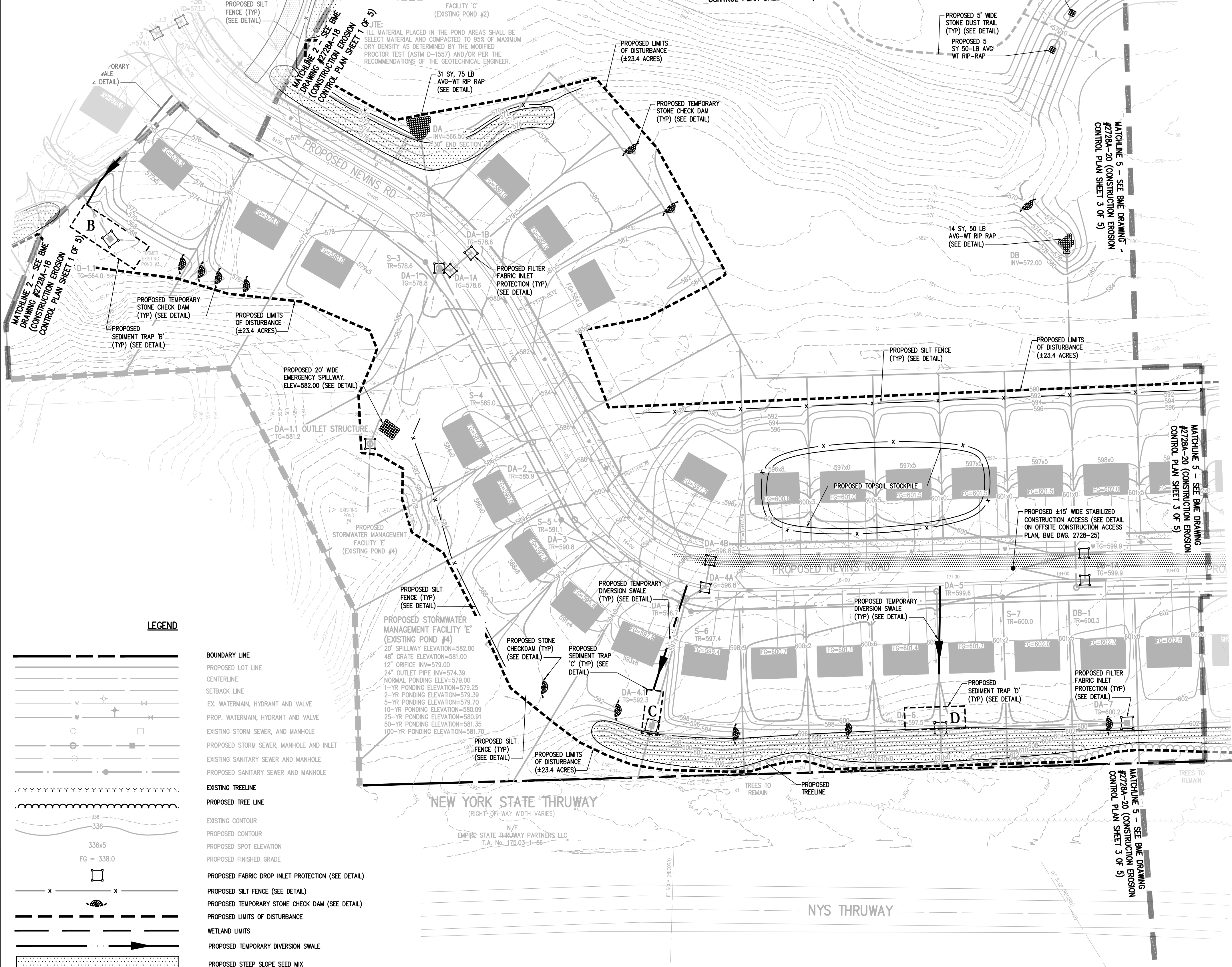


Table 5.3 Soil Restoration Requirements		
Type of Soil Disturbance	Soil Restoration Requirement	Comments/Examples
No soil disturbance	Restoration not permitted	Preservation of Natural Features
Minimal soil disturbance	Restoration not required	Clearing and grubbing
Areas where topsoil is stripped only - no change in grade	HSG A & B apply 6 inches of topsoil	Protect area from any ongoing construction activities.
	HSG C & D Aerate* and apply 6 inches of topsoil	
Areas of cut or fill	HSG A & B Aerate and apply 6 inches of topsoil	Apply full Soil Restoration **
	HSG C & D	
Heavy traffic areas on site (especially in a zone 5-25 feet around buildings but not within a 5 foot perimeter around foundation walls)	Apply full Soil Restoration (de-compaction and compost enhancement)	
Areas where Runoff Reduction and/or Infiltration practices are applied	Restoration not required, but may be applied to enhance the reduction specified for appropriate practices.	Keep construction equipment from crossing these areas. To protect newly installed practice from any ongoing construction activities construct a single phase operation fence area
Redevelopment projects	Soil Restoration is required on redevelopment projects in areas where existing impervious area will be converted to pervious area.	

*Aeration includes the use of machines such as tractor-drawn implements with coulters making a narrow slit in the soil, a roller with many spikes making indentations in the soil, or prongs which function like a mini-subsoiler.
 ** Per "Deep Ripping and De-compaction, DEC 2008".

LEGEND

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- SETBACK LINE
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- PROPOSED STORM SEWER, MANHOLE AND INLET
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- PROPOSED TREE LINE
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- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED FINISHED GRADE
- PROPOSED FABRIC DROP INLET PROTECTION (SEE DETAIL)
- PROPOSED SILT FENCE (SEE DETAIL)
- PROPOSED TEMPORARY STONE CHECK DAM (SEE DETAIL)
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND LIMITS
- PROPOSED TEMPORARY DIVERSION SWALE
- PROPOSED STEEP SLOPE SEED MIX

SEE CONSTRUCTION EROSION CONTROL PLAN SHEET 1 OF 5 (BME DRAWING #2728A-18) FOR SEQUENCE OF CONSTRUCTION NOTES.

SEE CONSTRUCTION EROSION CONTROL PLAN SHEET 3 OF 5 (BME DRAWING #2728A-20) FOR EROSION NOTES.

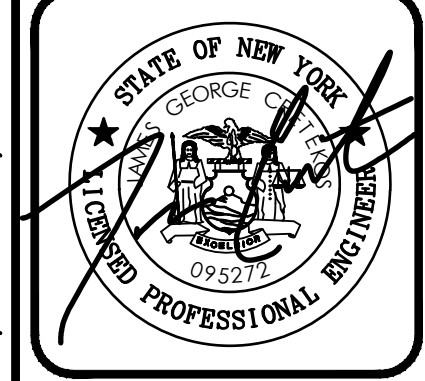
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GRAPHIC SCALE
 50 0 25 50 100
 (IN FEET)
 1 inch = 50 ft.

Drawing Alteration
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CONSTRUCTION EROSION CONTROL PLAN
 FINAL SECTION 1

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER DATE
 PG VARS
 PROJECT ENGINEER DATE
 JG CRETEKOS / AP BETLER
 DRAWN BY DATE
 AN D'ANGELO
 SCALE DATE ISSUED
 1"=50' AUGUST 15, 2023
 PROJECT NO.
2728A
 DRAWING NO.
19
 (SHEET 2 OF 5)

CONSTRUCTION EROSION CONTROL NOTES:

1. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) CONSISTS OF THE STORMWATER MANAGEMENT REPORT, THE PROJECT PLANS, INCLUDING THE GRADING, CONSTRUCTION EROSION CONTROL PLAN AND DETAIL SHEET, AND THE TOWN OF FARMINGTON DESIGN AND CONSTRUCTION SPECIFICATIONS REGARDING STORMWATER CONTROL. THE SWPPP FOR THIS PROJECT IS INTENDED TO CONFORM WITH THE NYSDEC GENERAL PERMIT GP-0-20-001 AND THE REQUIREMENTS OF LOCAL AND NYSDEC AUTHORITIES REGARDING THE CONTROL OF STORMWATER QUANTITY AND QUALITY.
2. THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THE REQUIRED SWPPP. THE OWNER'S CONTRACTOR, SUB-CONTRACTOR AND ALL OTHERS ASSOCIATED WITH THE IMPLEMENTATION OF THE PLAN SHALL BE FAMILIAR WITH THE PLAN AND THE CONDITIONS OF THE NYSDEC GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.
3. ANY MODIFICATIONS OR DEVIATIONS FROM THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND STORMWATER MANAGEMENT FACILITIES, SHALL BE DOCUMENTED IN THE INSPECTION REPORT AND CONSIDERED PART OF THE SWPPP FOR THE PROJECT.
4. THE OWNER IS RESPONSIBLE FOR FILING THE NOTICE OF INTENT (NOI) FOR CONSTRUCTION ACTIVITY WITH NYSDEC PRIOR TO COMMENCING ANY CONSTRUCTION. A COPY OF THE NOI SHALL BE KEPT ON-SITE AND PROVIDED TO THE MUNICIPALITY.
5. THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ON-SITE INSPECTIONS BY A LICENSED PROFESSIONAL REGARDING EROSION CONTROL DURING CONSTRUCTION. INSPECTIONS ARE TO BE PROVIDED AT A MINIMUM OF TWICE A WEEK FOR DISTURBANCES OF 5 ACRES OR GREATER AND ONCE A WEEK FOR DISTURBANCES LESS THAN 5 ACRES. AN INSPECTION REPORT LOG AND THE SWPPP ARE TO BE KEPT ON-SITE BY THE OWNER.
6. FOR SITES WHERE SOIL DISTURBANCE ACTIVITIES HAVE BEEN TEMPORARILY SUSPENDED (E.G. WINTER SHUTDOWN) AND TEMPORARY STABILIZATION MEASURES HAVE BEEN APPLIED TO ALL DISTURBED AREAS, THE OWNER/OPERATOR MAY REDUCE THE SELF-INSPECTION FREQUENCY, BUT SHALL MAINTAIN A MINIMUM OF MONTHLY INSPECTIONS. (30 CALENDAR DAYS)
7. THE OWNER'S CONTRACTOR/REPRESENTATIVE SHALL IDENTIFY AT LEAST ONE INDIVIDUAL TO BE TRAINED FROM THEIR COMPANY THAT WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE SWPPP. THE INDIVIDUAL MUST RECEIVE (4) HOURS OF NYSDEC TRAINING EVERY (3) YEARS. THE OWNER/OPERATOR SHALL ENSURE THAT AT LEAST ONE OF THE TRAINED INDIVIDUALS IS ON-SITE ON A DAILY BASIS WHEN SOIL DISTURBANCE ACTIVITIES ARE BEING PERFORMED.
8. FOR DISTURBANCES OF 5 ACRES OR GREATER, IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 7 DAYS. FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED, IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GRASSCOVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. ADDITIONAL TIME FRAMES FOR STABILIZATION ARE SUBJECT TO THE REQUIREMENTS OF A REGULATED TRADITIONAL LAND USE MS4.
9. THE OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, CLEANING, REPAIR AND REPLACEMENT OF EROSION CONTROL MEASURES DURING SITE CONSTRUCTION.
10. ALL DISTURBED AREAS TO BE RESTORED PER TABLE 5.3 SOIL RESTORATION REQUIREMENTS FOUND IN CHAPTER 5: GREEN INFRASTRUCTURE PRACTICES OF THE NYS STORMWATER MANAGEMENT DESIGN MANUAL.
11. ALL DISTURBED AREAS TO BE RECLAIMED WITH A MINIMUM OF 6" TOPSOIL.
12. AREAS OR EMBANKMENTS REQUIRING AN EROSION CONTROL BLANKET SHALL UTILIZE ECS-1B (EASTCOAST) OR AN APPROVED EQUIVALENT.
13. 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 LBS PER ACRE (OR 7 LBS. PER 1000 SQ. FT.) OF 10-10-10 FERTILIZER. IMMEDIATELY SEED WITH THE FOLLOWING MIX:

LBS./ACRE	LBS./1000 SQ. FT.
ANNUAL RYEGRASS	40
PERENNIAL RYEGRASS	40
OATS	40
WHITE CLOVER (+ INOCULANT)	4

SEED SHOULD HAVE A GERMINATION RATE OF AT LEAST 85 PERCENT AND MINIMAL INERT MATERIAL.

14. DISTURBED AREAS SHALL BE STABILIZED USING PERMANENT LAWN SEEDING MIX UPON COMPLETION OF GRADING AND CONSTRUCTION:

LBS./ACRE	% BY PURITY	% GERM
PERENNIAL RYE GRASS	35	85
RED FESCUE	35	97
KENTUCKY BLUEGRASS	30	85

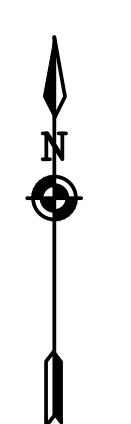
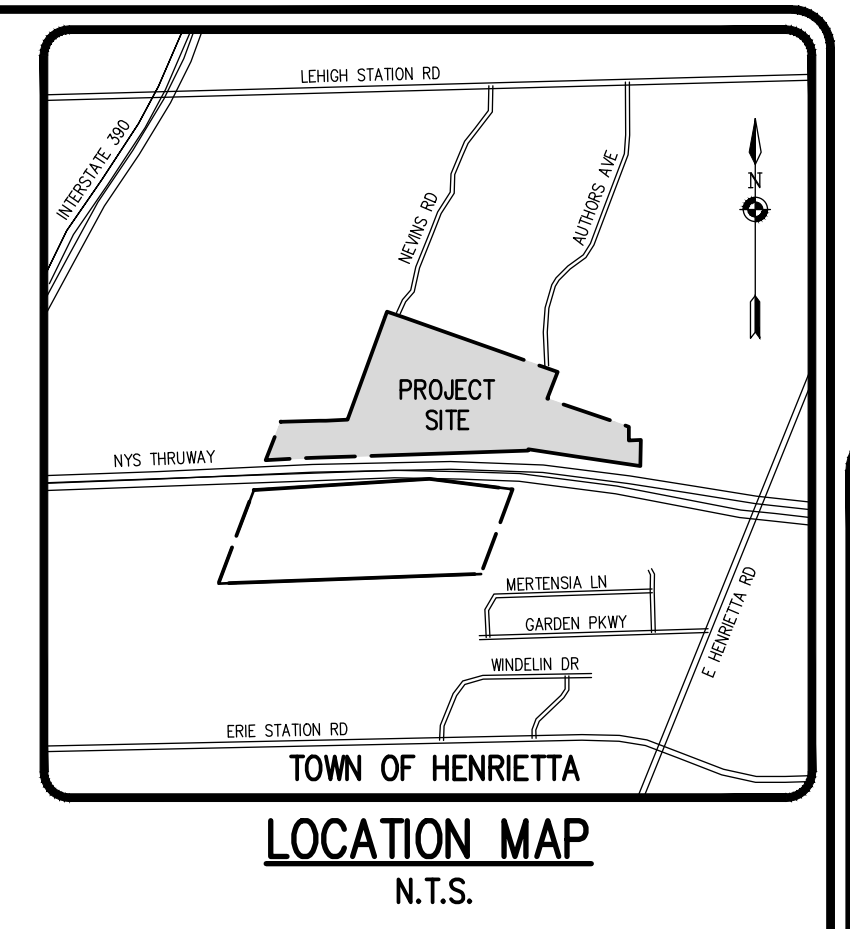
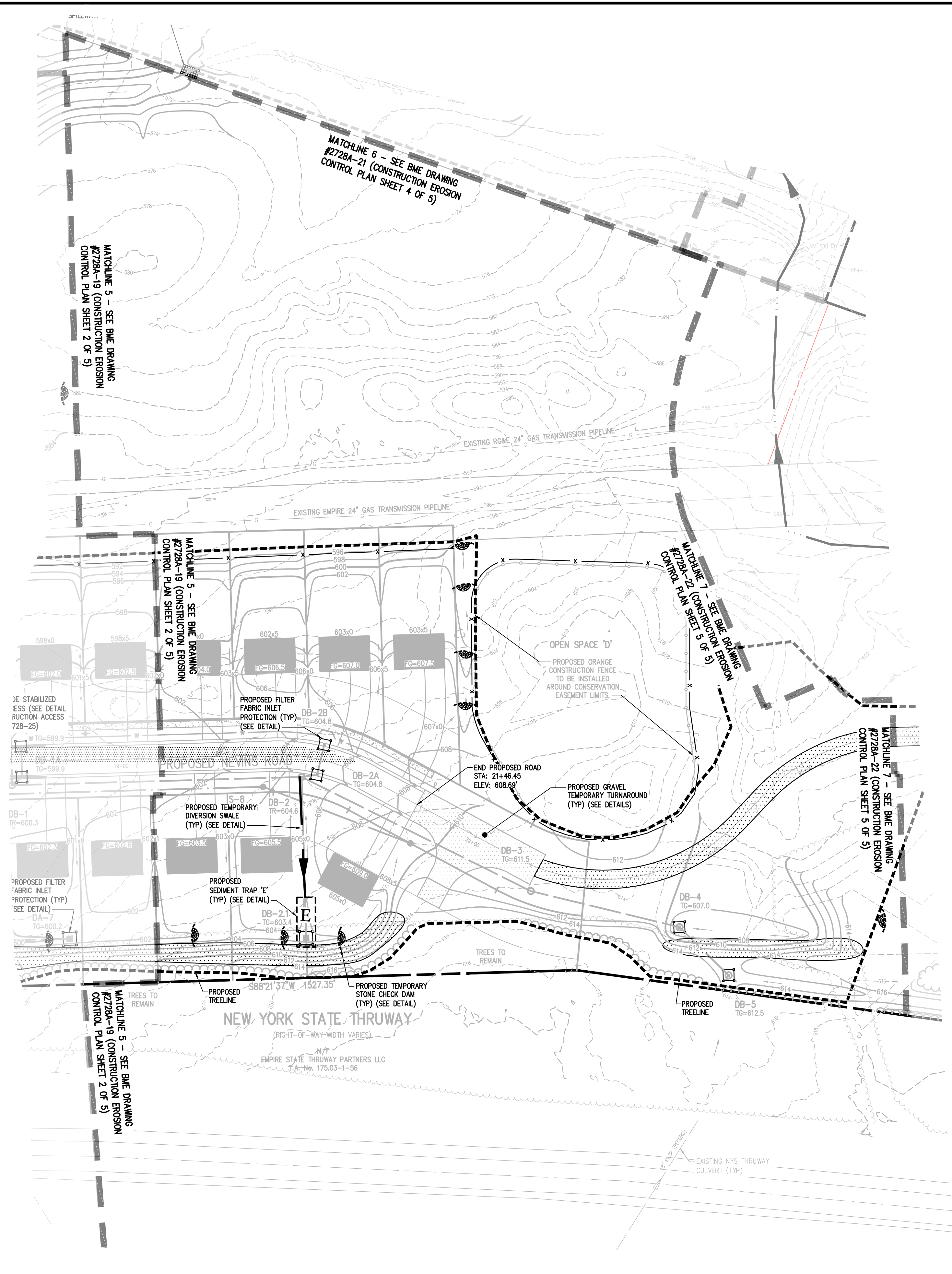
SEEDING RATE: 6.0 LBS PER 1,000 SQ. FT.
 MULCH: STRAW OR WOOD FIBER MULCH USED WITH HYDROSEEDING METHOD, AT TWO TONS PER ACRE WITH TACKIFIER
 STARTING FERTILIZER: 5-10-10 AT 20 LBS PER 1,000 SQ. FT.

15. SLOPES 3:1 OR GREATER SHALL BE SEEDED WITH HEAVY MULCH AND MAY REQUIRE ADDITIONAL STABILIZATION MEASURES. SLOPES SHALL BE FINE GRADED WITH A MINIMUM OF 6" TOPSOIL AND SEED WITH FOLLOWING SEED MIX:

NATIVE STEEP SLOPE MIX WITH ANNUAL RYE GRASS - ERNMX-181
32.2% Sorghastrum nutans
20% Lolium multiflorum
17% Elymus virginicus
8% Andropogon gerardii
6% Agrostis perennans
3% Panicum virgatum 'Shamooe'
2.5% Echinochloa purpurina
2% Agrostis scabra
2% Tridens flavus
2% Chamaecrista fasciculata
1% Coreopsis lanceolata
1% Helopsis helianthoides
1% Rubbeckia hirta
0.7% Lespedeza virginica
0.6% Liatris spicata
0.5% Monarda fistulosa
0.4% Aster novae-angliae
0.1% Pycnanthemum tenuifolium
INDIANGRASS
ANNUAL RYEGRASS
VIRGINIA WILDRYE
BIG BLUESTEM
AUTUMN BENTGRASS
SWITCHGRASS
PURPLE CONEFLOWER
TICKLEGRASS
PURPLETOP
PARTIRIDGE PEA
LANCERLEAF COREOPSIS
OXEYE SUNFLOWER
BLACKEYED SUSAN
SLENDER BUSHCLOVER
MARSH BLAZING STAR
WILD BERGAMONT
NEW ENGLAND ASTER
SLENDER MOUNTAINMINT

SEEDING RATE: 60 LBS PER ACRE OR 1 LB PER 1000 SF
 INOCULANT: RATE AS RECOMMENDED BY THE MANUFACTURER (FOR HYDROSEEDING USE FOUR TIMES MANUFACTURER'S RECOMMENDED RATE)
 MULCH: STRAW OR WOOD FIBER MULCH USED WITH A HYDROSEEDING METHOD, AT TWO TONS PER ACRE WITH TACKIFIER.

16. ALL SEEDED AREAS ARE TO BE MONITORED FOR GERMINATION AND EROSION. ERODED AREAS ARE TO BE BACKFILLED, FINE GRADED AND RE-SEED. AREAS THAT FAIL TO GERMINATE A MINIMUM OF 80% SHALL BE RE-SEED.
17. ANY EXCAVATIONS THAT MUST BE DEWATERED SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE BEFORE ENTERING AN ACTIVE DRAINAGE SYSTEM OR DISPERSED TO AN UNDISTURBED AREA.
18. THE HOME BUILDER SHALL BE RESPONSIBLE FOR IMPLEMENTING INDIVIDUAL LOT EROSION CONTROL MEASURES AS SHOWN ON THE PLAN DETAIL FOR INDIVIDUAL HOUSE CONSTRUCTION. THE MEASURES ARE TO REMAIN IN PLACE UNTIL HOUSE CONSTRUCTION IS COMPLETE AND THE LAWN IS ESTABLISHED.
19. THE OWNER SHALL BE RESPONSIBLE FOR REMOVING EXISTING EROSION CONTROL MEASURES THAT ARE LOCATED WITHIN ESTABLISHED AREAS. MATERIALS ARE TO BE DISPOSED OF PROPERLY.
20. UPON COMPLETION OF CONSTRUCTION AND FINAL STABILIZATION THE OWNER MAY FILE A NOTICE OF TERMINATION (NOT) WITH NYSDEC PER THE REQUIREMENTS OF THE GENERAL PERMIT GP-0-20-001.

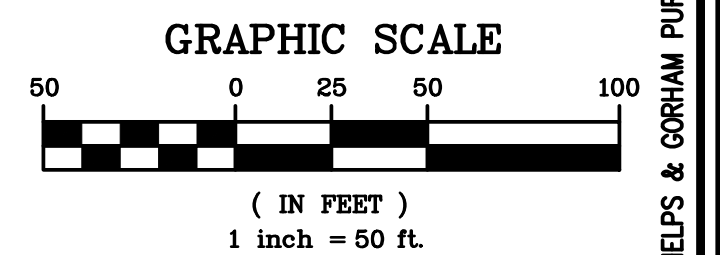


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SEE CONSTRUCTION EROSION CONTROL PLAN SHEET 1 OF 5 (BME DRAWING #2728A-18) FOR SEQUENCE OF CONSTRUCTION NOTES.

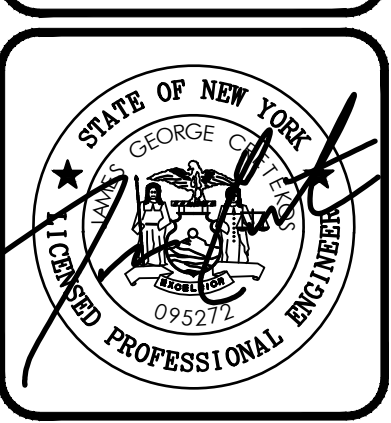
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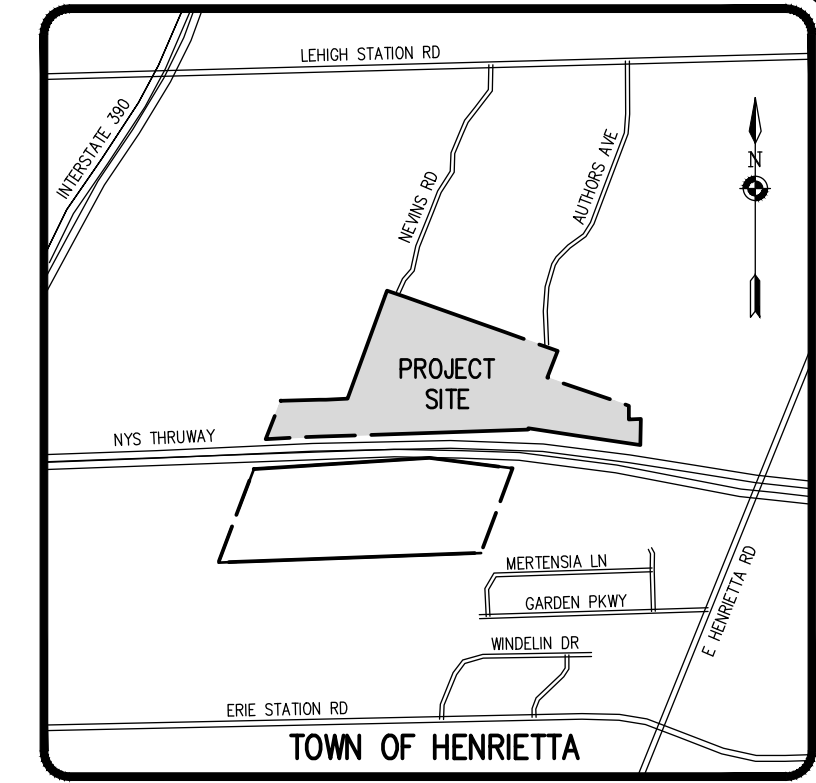
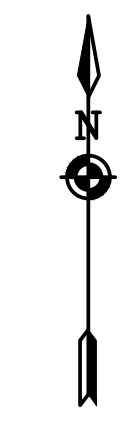
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 LEHIGH RIDGE DESIGN, LLC
 1112 EAST RIVER ROAD
 AVON, NEW YORK 14414
FINAL SECTION 1
CONSTRUCTION EROSION CONTROL PLAN
 PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER	DATE
PG VARS	
PROJECT ENGINEER	DATE
JG CRETEKOS / AP BETLER	
DRAWN BY	DATE
AN D'ANGELO	
SCALE	DATE ISSUED
1"=50'	AUGUST 15, 2023
PROJECT NO.	
2728A	
DRAWING NO.	
20	
(SHEET 3 OF 5)	

PHELPS & CORHAM PURCHASE, TOWNSHIP 12, RANGE 7, TOWN LOT 19, 20, 21, 22, TAX MAP NUMBER 175.04-1-20, 175.20-84, 175.20-1-85, 175.20-1-86, 176.17-1-23.12, 176.17-1-23.12, 176.17-1-22.2

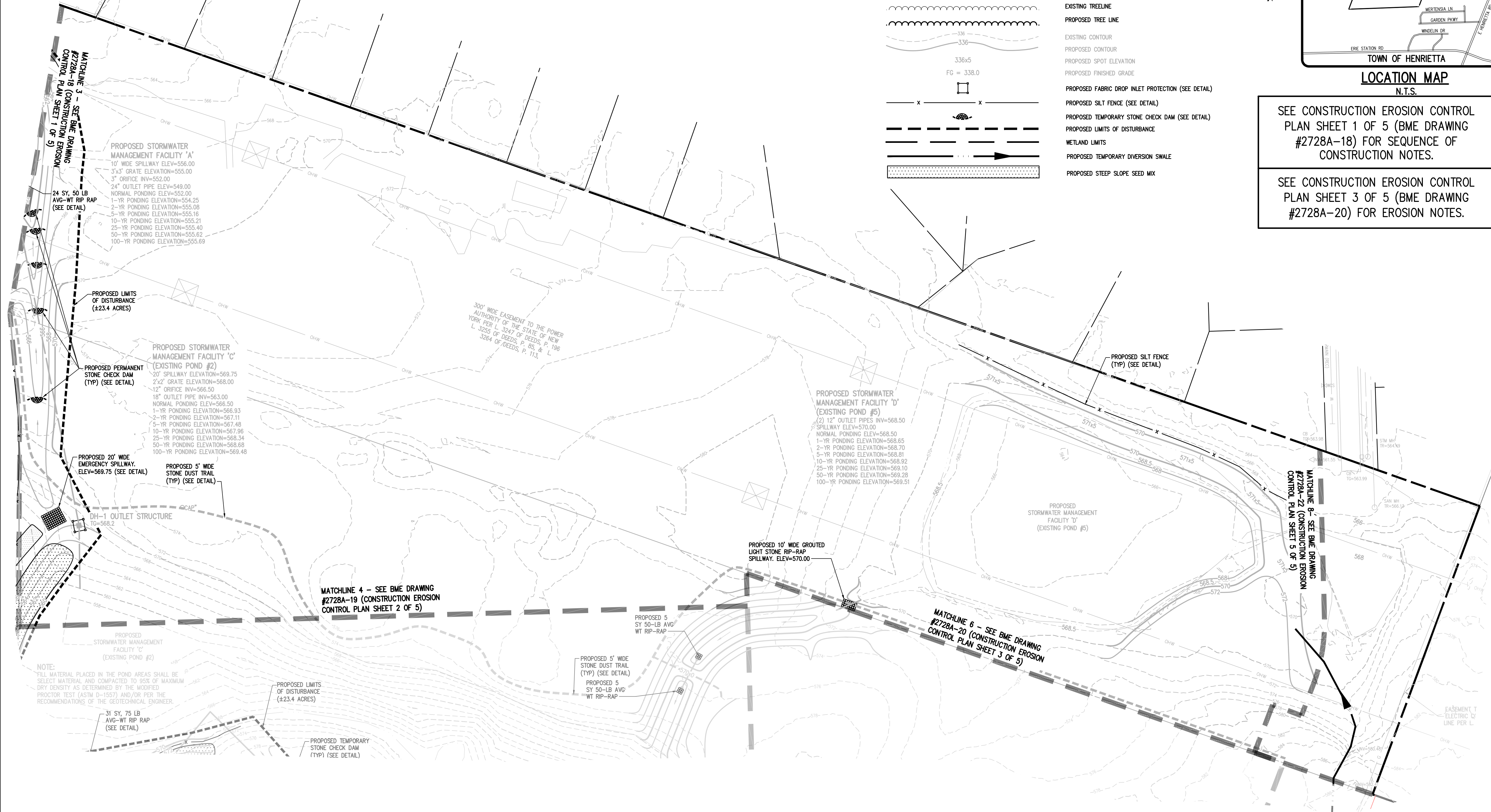
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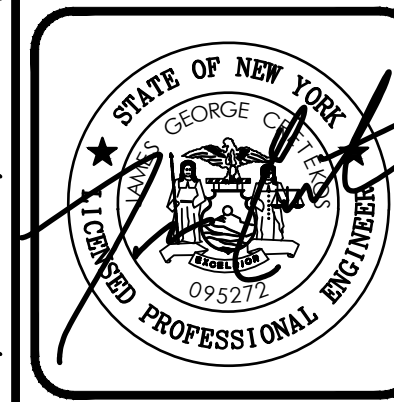
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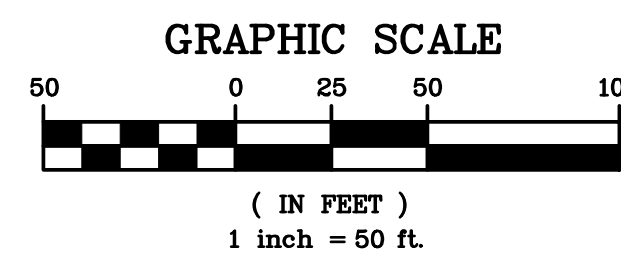
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FINAL SECTION 1
CONSTRUCTION EROSION CONTROL PLAN

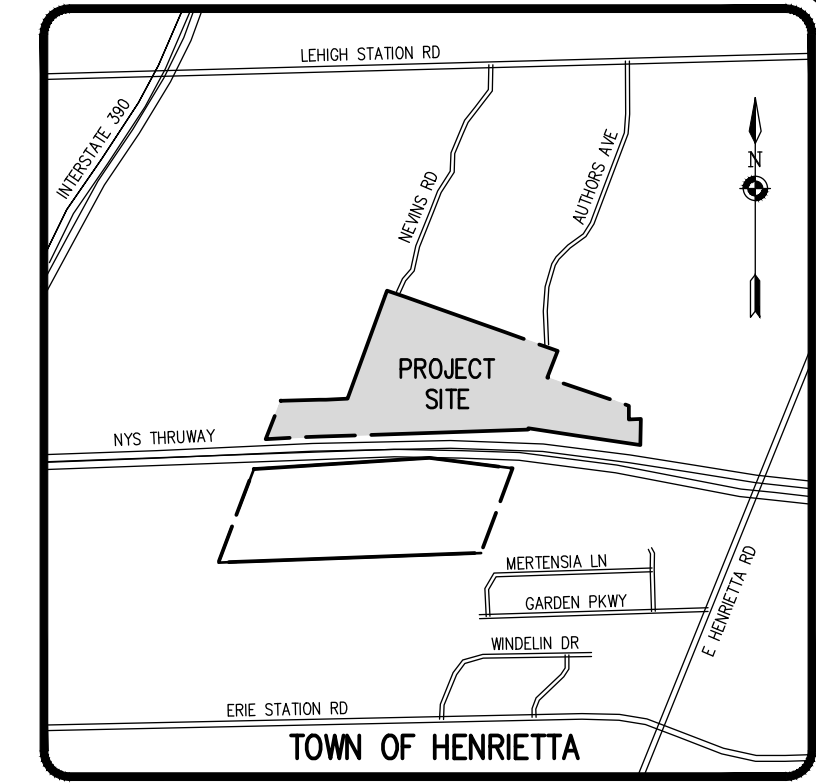
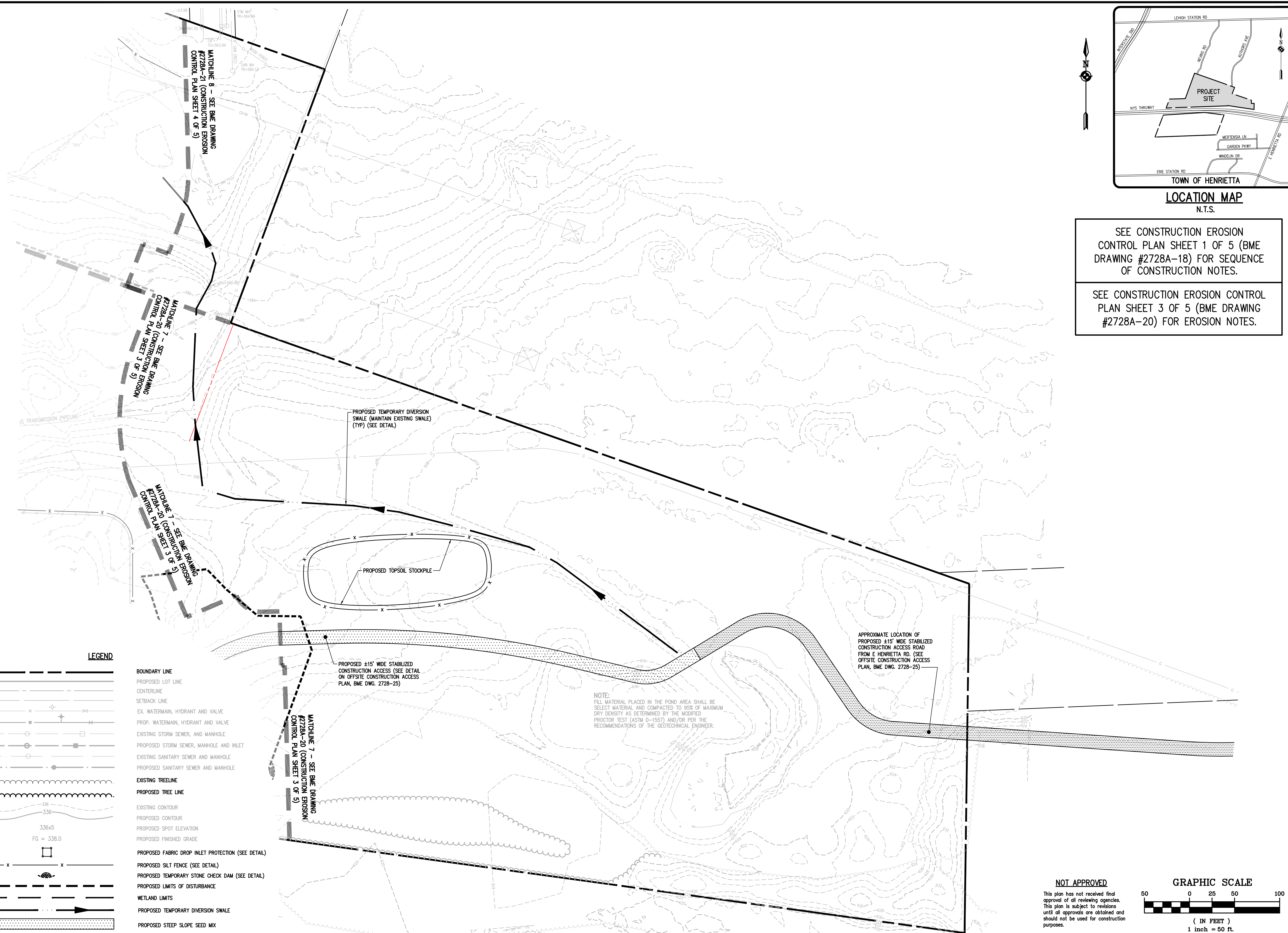
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 LOCATION: _____
 CLIENT: _____
 DRAWING TITLE: _____

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JG CRETEKOS / AP BETLER	
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21	
(SHEET 4 OF 5)	

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SEE CONSTRUCTION EROSION CONTROL PLAN SHEET 1 OF 5 (BME DRAWING #2728A-18) FOR SEQUENCE OF CONSTRUCTION NOTES.
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	PROPOSED TEMPORARY DIVERSION SWALE
	PROPOSED STEEP SLOPE SEED MIX

PROPOSED TEMPORARY DIVERSION SWALE (MAINTAIN EXISTING SWALE) (TYP) (SEE DETAIL)

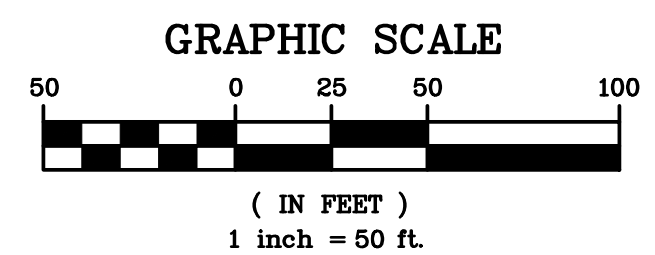
PROPOSED TOPSOIL STOCKPILE

PROPOSED ±15' WIDE STABILIZED CONSTRUCTION ACCESS (SEE DETAIL ON OFFSITE CONSTRUCTION ACCESS PLAN, BME DWG. 2728-25)

APPROXIMATE LOCATION OF PROPOSED ±15' WIDE STABILIZED CONSTRUCTION ACCESS ROAD FROM E HENRIETTA RD. (SEE OFFSITE CONSTRUCTION ACCESS PLAN, BME DWG. 2728-25)

NOTE:
FILL MATERIAL PLACED IN THE POND AREA SHALL BE SELECT MATERIAL AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D-1557) AND/OR PER THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

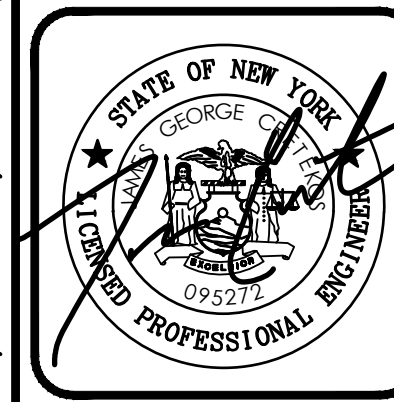
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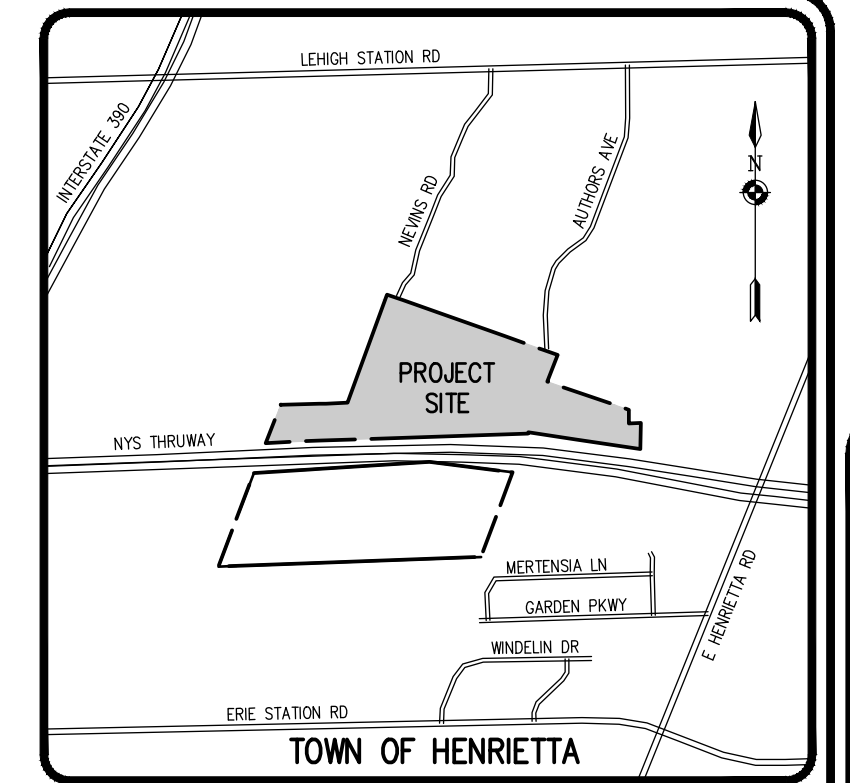


LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGHWOOD DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414
PROJECT LOCATION CLIENT DRAWING TITLE
FINAL SECTION 1 CONSTRUCTION EROSION CONTROL PLAN

PROJECT MANAGER	DATE
PG VARS	
PROJECT ENGINEER	DATE
JG CRETEKOS / AP BETLER	
DRAWN BY	DATE
AN D'ANGELO	
SCALE	DATE ISSUED
1"=50'	AUGUST 15, 2023
PROJECT NO.	2728A
DRAWING NO.	22
(SHEET 5 OF 5)	

PHELPS & CORHAM PURCHASE, TOWNSHIP 12, RANGE 7, TOWN LOT 19, 20, 21, 22, TAX MAP NUMBER 175.04-1-20, 175.20-84, 175.20-85, 175.20-86, 175.20-87, 175.20-88, 175.20-89, 175.20-90, 175.20-91, 175.20-92, 175.20-93, 175.20-94, 175.20-95, 175.20-96, 175.20-97, 175.20-98, 175.20-99, 175.20-100

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way, if on item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the item his seal and the notation 'altered by' followed by his signature and the date of such alteration, and a specific description of the alteration."



LOCATION MAP
N.T.S.

SEE UTILITY PLAN SHEET 2 OF 4
(BME DRAWING #2728A-11) FOR
MCWA STANDARD NOTES.

SEE UTILITY PLAN SHEET 3 OF 4
(BME DRAWING #2728A-12) FOR
UTILITY NOTES.

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
THESE PLANS FOR PUBLIC SANITARY SEWER EXTENSION /
IMPROVEMENT ARE HEREBY APPROVED PURSUANT TO ARTICLE 17
OF THE NYS ENVIRONMENTAL CONSERVATION LAW SUBJECT TO
CONDITIONS OF APPROVAL.

DIRECTOR OF PUBLIC HEALTH

BY _____ PUBLIC HEALTH ENGINEER DATE _____

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH

THESE PLANS FOR PUBLIC WATER SYSTEM EXTENSION /
IMPROVEMENT ARE HEREBY APPROVED PURSUANT TO 10NYCRR5
OF THE STATE SANITARY CODE SUBJECT TO CONDITIONS OF
APPROVAL.

DIRECTOR OF PUBLIC HEALTH

BY _____ PUBLIC HEALTH ENGINEER DATE _____

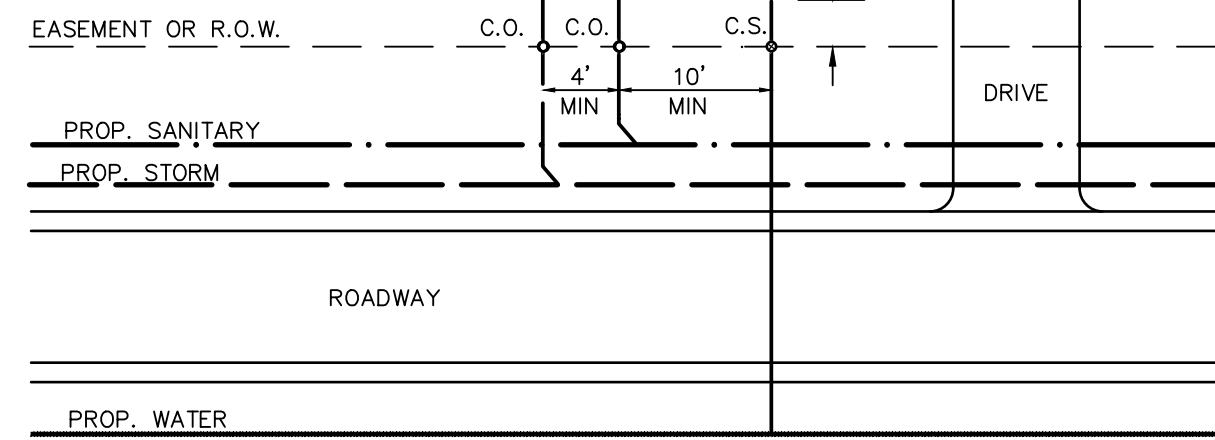
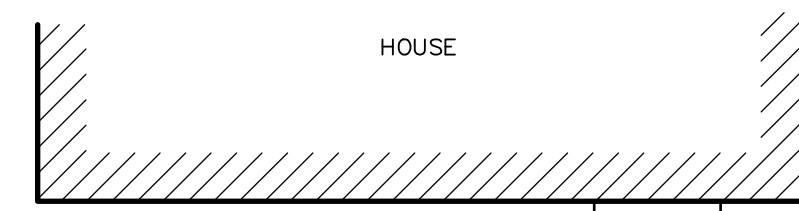
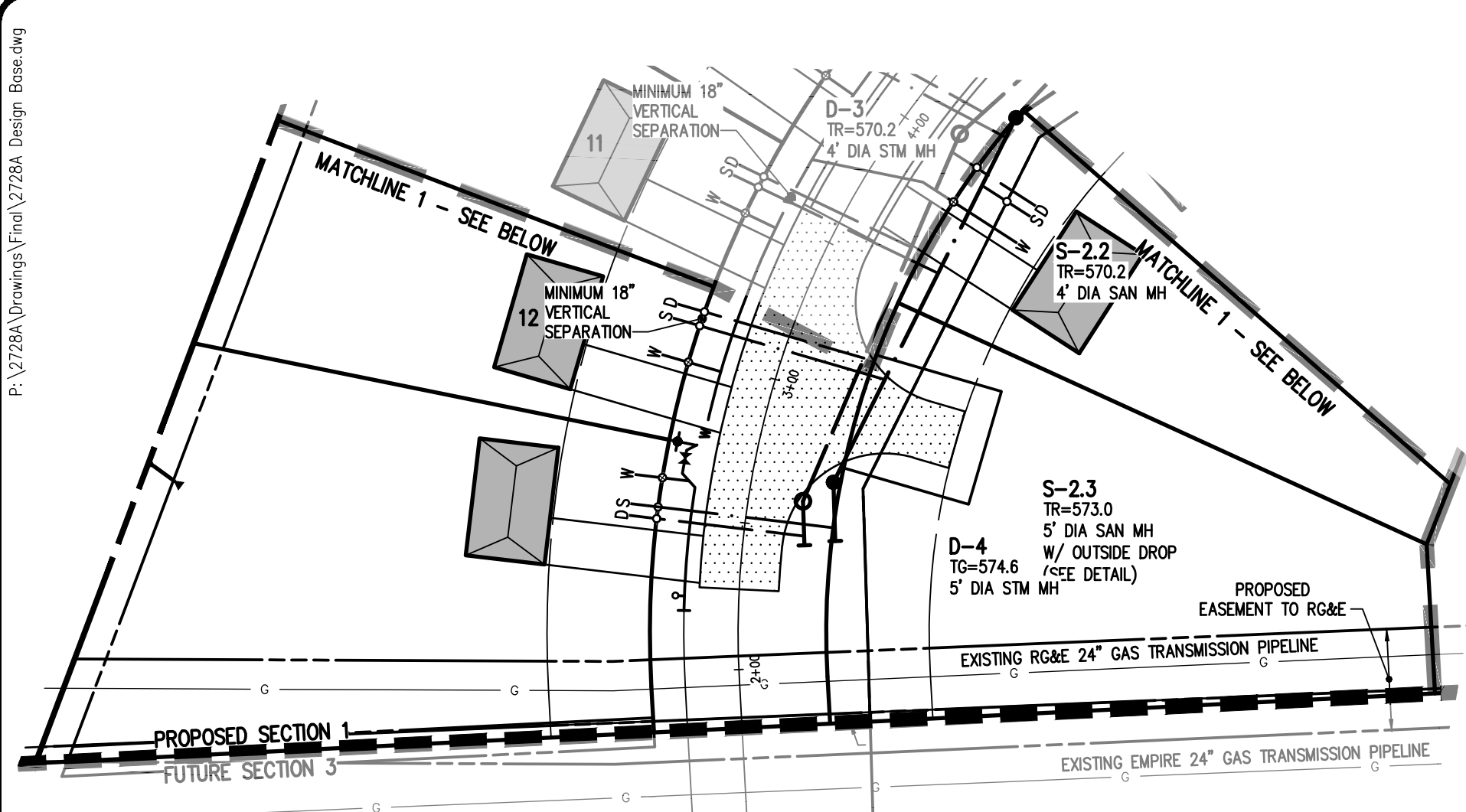
NO.	REVISIONS	DATE	BY
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BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
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FAX 585-977-7585
10 LUTHERBOROUGH LANE EAST
MONROE, NY 14640
WWW.BMEARC.COM



LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGHWOOD DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414
FINAL SECTION 1
LATERAL PLAN

PHELPS & CORHAM PURCHASE, TOWNSHIP 12, RANGE 7, TOWN LOT 19, 20, 21, 22, TAX MAP NUMBER 175.04-1-20, 175.20-84, 175.20-1-85, 175.20-1-86, 176.17-1-23.12, 176.17-1-23.2, 176.17-1-22.2
PROJECT LOCATION CLIENT DRAWING TITLE
PROJECT MANAGER DATE
PG VARS PROJECT ENGINEER DATE
JG CRETEKOS / AP BEYLER DRAWN BY DATE
AN D'ANGELO SCALE DATE ISSUED
SCALE 1"=50' AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
23
(SHEET 1 OF 3)



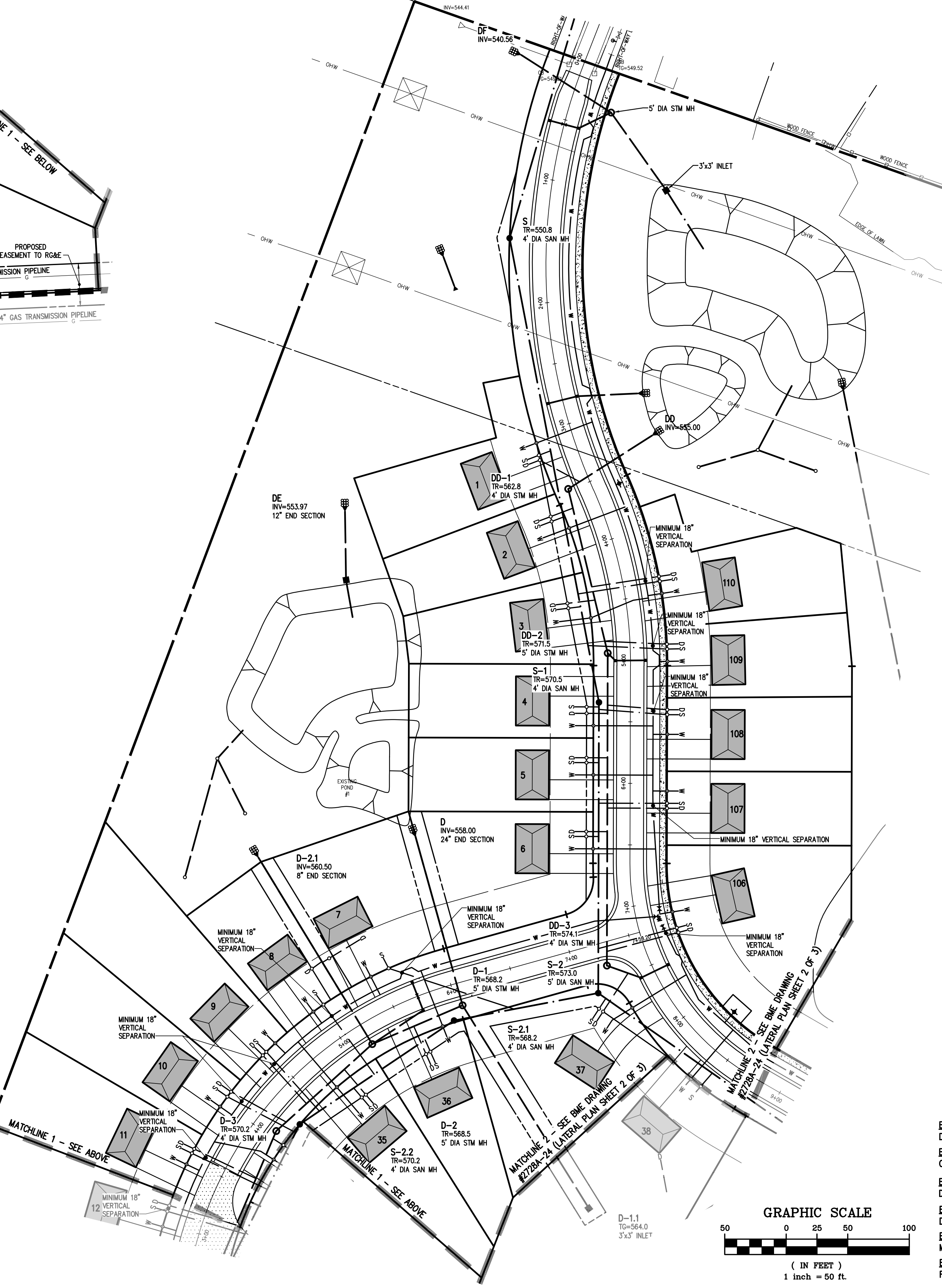
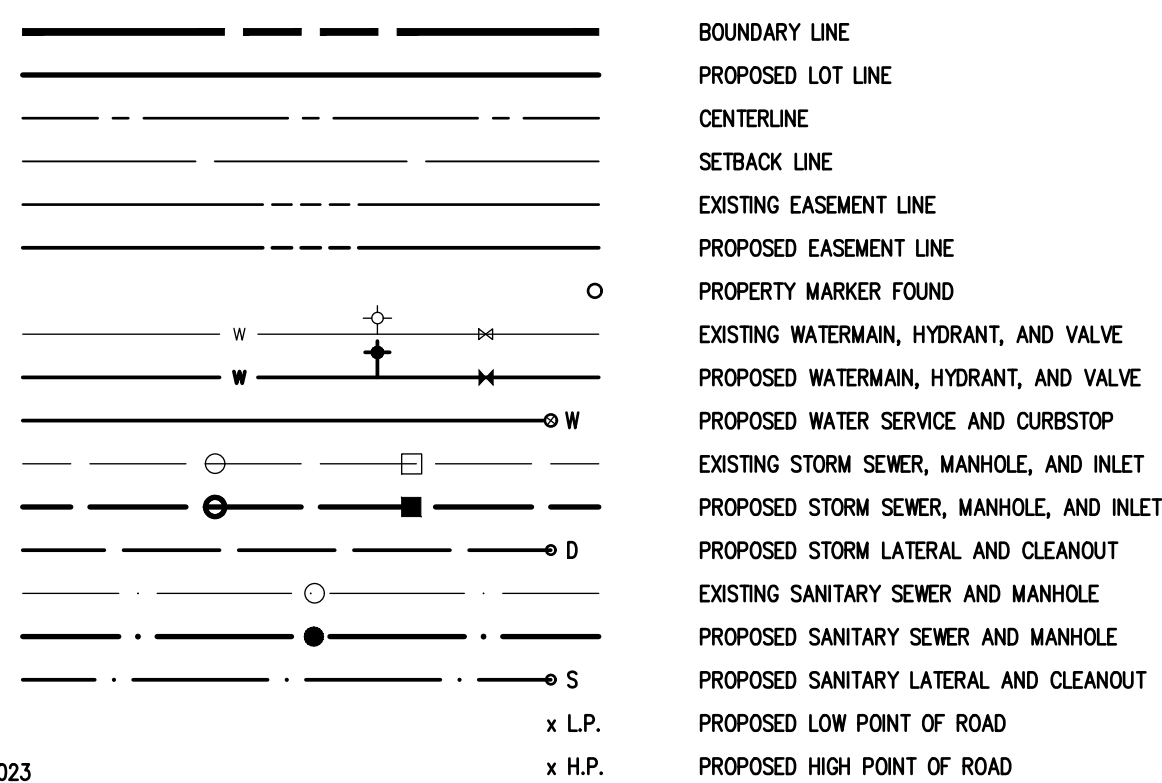
NOTE: EXTEND LATERALS 10' PAST R.O.W. OR EASEMENT LINE.

TYPICAL LATERAL LAYOUT
N.T.S.

LATERAL NOTES:

- ALL LATERALS OR SERVICES SHALL BE AS NOTED BELOW UNLESS OTHERWISE NOTED ON THE PLANS:
WATER - 1" INCH TYPE K COPPER FROM THE WATERMAIN TO THE CURB BOX
1" INCH PE #4710 FROM THE CURB BOX TO THE METER (UNLESS NOTED OTHERWISE)
SANITARY - 4" PVC SDR-21 INSTALLED AT 2.00% MIN. SLOPE
STORM - 6" PVC SDR-35 INSTALLED AT 1.00% MIN. SLOPE
EXTEND LATERALS TO 10 FEET BEYOND THE RIGHT-OF-WAY, OR 10 FEET BEYOND THE EASEMENT LINES, WHICHEVER IS GREATER.
- WATER METER(S) ARE TO BE LOCATED ON THE INTERIOR OF EXTERIOR WALL(S) IMMEDIATELY UPON SERVICE ENTRANCE INTO THE BUILDING. ON METERED SERVICES REQUIRING A 1/2 INCH OR LARGER METER, A BY-PASS AROUND THE METER IS REQUIRED.
- NO CURB VALVE BOXES (WATER LATERAL) ARE ALLOWED IN DRIVEWAYS. THE SERVICE OR DRIVEWAY WILL BE RELOCATED IF THIS CONFLICT ARISES.
- ANY LOTS WITH WATER SERVICE LONGER THAN 250 LF WILL BE PROVIDED WITH A METER PIT AND A METER AT THE RIGHT-OF-WAY.
- ALL HOMES WITH WATER PRESSURE GREATER THAN 70 PSI AT THE METER WILL REQUIRE A PRESSURE REDUCING VALVE INSTALLED AFTER THE METER.
- SANITARY LATERALS' WITNESS STAKES SHALL BE 2"x4" HARDWOOD, EXTENDED 2'-3" ABOVE GRADE AND PAINTED GREEN.
- ANY LAUNDRY WASTEWATER SHALL BE DIRECTED TO THE SANITARY SEWER.
- FOUNDATION AND FRONT ROOF DRAINS TO CONNECT TO STORM SEWERS, WITH REAR ROOF DOWNSPOUT DISCONNECTS.
- CLEANOUTS FOR STORM LATERALS SHALL BE INSTALLED AT ALL HORIZONTAL BENDS AND AT 80'-100' INTERVALS ALONG THE LATERAL. CLEANOUTS FOR SANITARY LATERALS SHALL BE INSTALLED AT THE RIGHT-OF-WAY OR EASEMENT LINE, AT ALL BENDS 45° OR GREATER, AND AT 85'-100' FOOT INTERVALS THEREAFTER.

LEGEND



NOT APPROVED
This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.

APPROVALS

BY: _____ DATE: _____
DIRECTOR OF ENGINEERING AND PLANNING

BY: _____ DATE: _____
COMMISSIONER OF PUBLIC WORKS

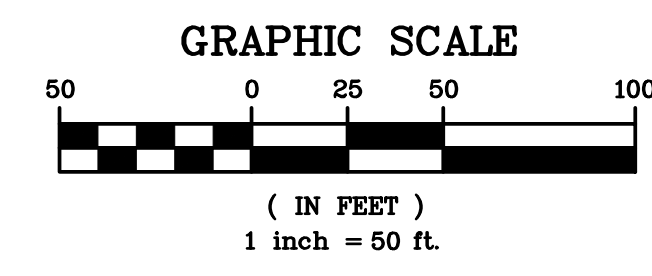
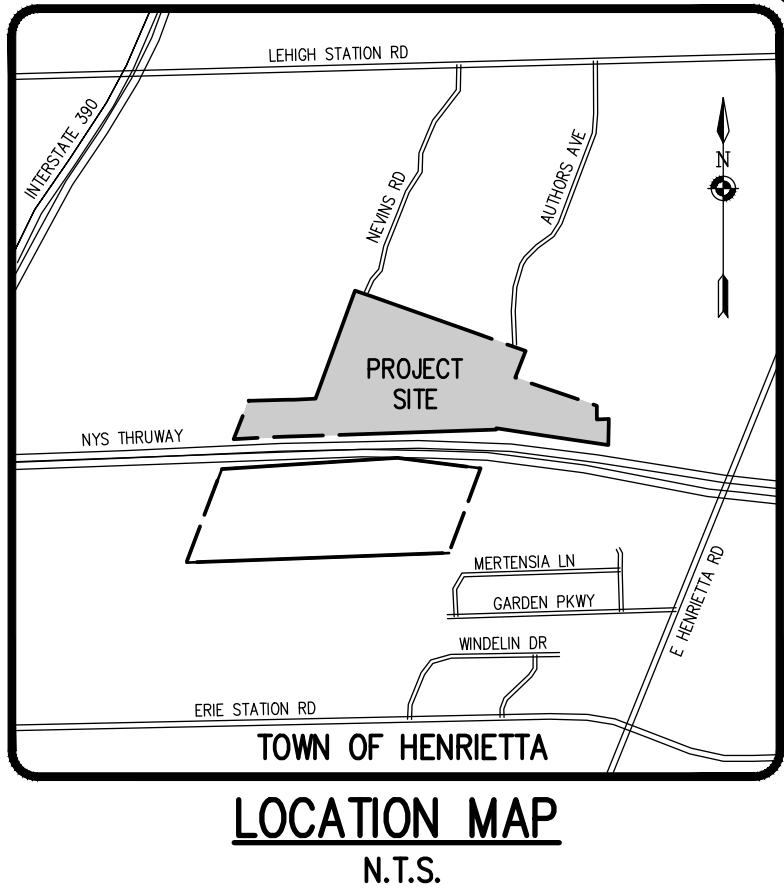
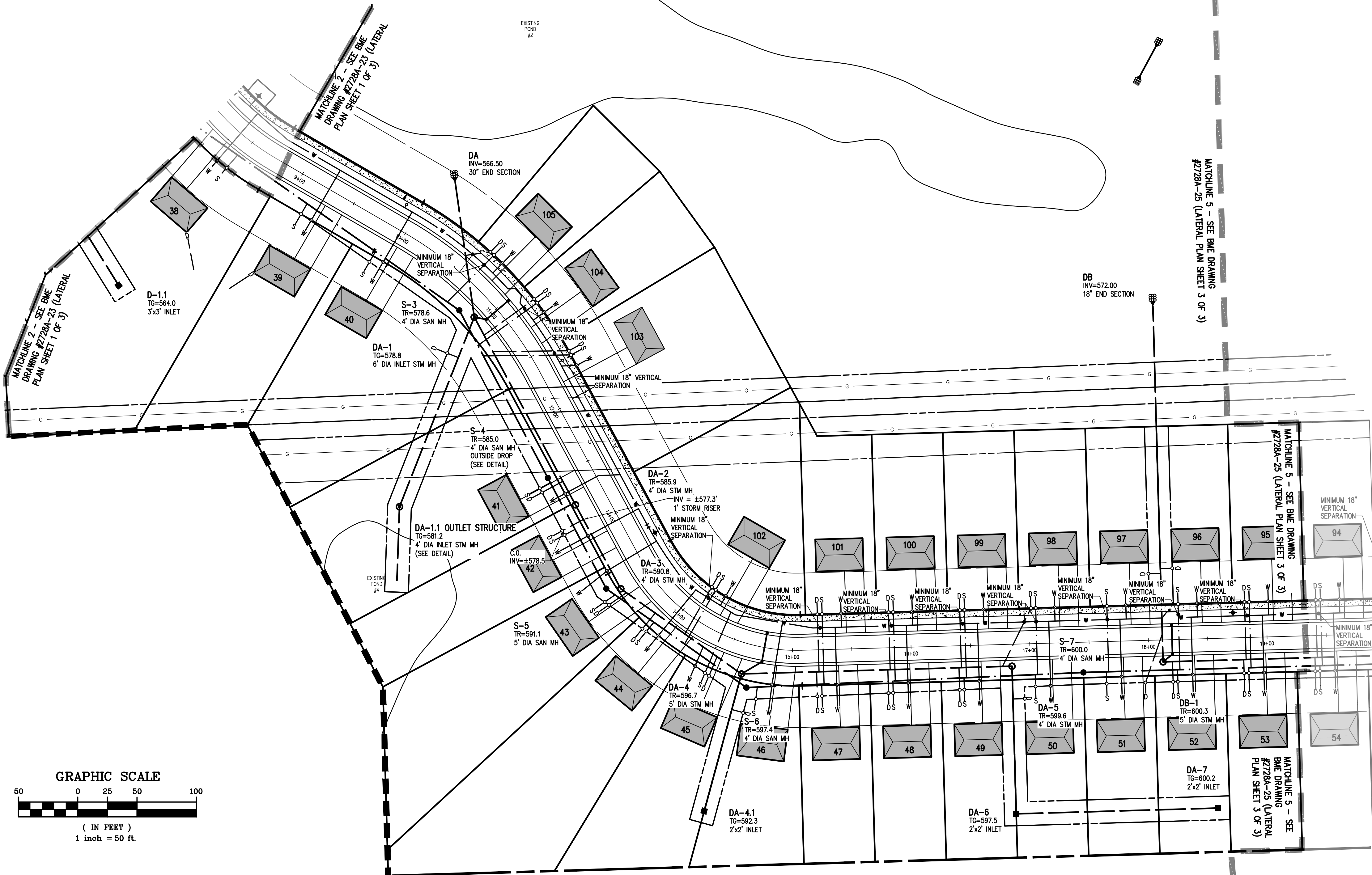
BY: _____ DATE: _____
DRAINAGE, SEWERS, SIDEWALKS DEPARTMENT

BY: _____ DATE: _____
DIRECTOR OF BUILDING/ FIRE PREVENTION

BY: _____ DATE: _____
MONROE COUNTY WATER AUTHORITY

BY: _____ DATE: _____
FIRE MARSHAL

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SEE LATERAL PLAN (SHEET 1 OF 3) (BME DRAWING #2728A-23) FOR LATERAL NOTES.

LEGEND

	BOUNDARY LINE
	PROPOSED LOT LINE
	CENTERLINE
	SETBACK LINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	PROPERTY MARKER FOUND
	EXISTING WATERMAIN, HYDRANT, AND VALVE
	PROPOSED WATERMAIN, HYDRANT, AND VALVE
	PROPOSED WATER SERVICE AND CURBSTOP
	EXISTING STORM SEWER, MANHOLE, AND INLET
	PROPOSED STORM SEWER, MANHOLE, AND INLET
	PROPOSED STORM LATERAL AND CLEANOUT
	EXISTING SANITARY SEWER AND MANHOLE
	PROPOSED SANITARY SEWER AND MANHOLE
	PROPOSED SANITARY LATERAL AND CLEANOUT
	PROPOSED LOW POINT OF ROAD
	PROPOSED HIGH POINT OF ROAD

NEW YORK STATE THRUWAY
(RIGHT-OF-WAY WIDTH VARIES)
N/F
EMPIRE STATE THRUWAY PARTNERS LLC

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH

THESE PLANS FOR PUBLIC SANITARY SEWER EXTENSION / IMPROVEMENT ARE HEREBY APPROVED PURSUANT TO ARTICLE 17 OF THE NYS ENVIRONMENTAL CONSERVATION LAW SUBJECT TO CONDITIONS OF APPROVAL.

DIRECTOR OF PUBLIC HEALTH

BY _____ PUBLIC HEALTH ENGINEER DATE _____

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH

THESE PLANS FOR PUBLIC WATER SYSTEM EXTENSION / IMPROVEMENT ARE HEREBY APPROVED PURSUANT TO TOWN/CRRS OF THE STATE SANITARY CODE SUBJECT TO CONDITIONS OF APPROVAL.

DIRECTOR OF PUBLIC HEALTH

BY _____ PUBLIC HEALTH ENGINEER DATE _____

IRONDEQUOIT BAY SOUTH CENTRAL PURE WATERS DISTRICT:

NOT APPROVED

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BY: _____ DATE: _____
DIRECTOR OF ENGINEERING AND PLANNING

BY: _____ DATE: _____
COMMISSIONER OF PUBLIC WORKS

BY: _____ DATE: _____
DRAINAGE, SEWERS, SIDEWALKS DEPARTMENT

BY: _____ DATE: _____
DIRECTOR OF BUILDING/ FIRE PREVENTION

BY: _____ DATE: _____
MONROE COUNTY WATER AUTHORITY

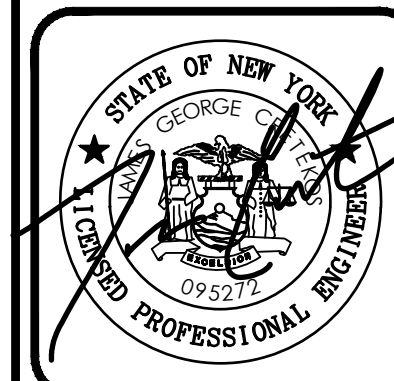
BY: _____ DATE: _____
FIRE MARSHAL

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BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS

PHONE 585-977-7580
FAX 585-977-7585

10 LEBRONGUE LANE EAST
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HENRIETTA, NY 14450
WWW.BMEC.COM



LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE

LEHIGHWOOD DISTRICT, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

PROJECT LOCATION CLIENT DRAWING TITLE

FINAL SECTION 1
LATERAL PLAN

PROJECT MANAGER DATE
PG VARS

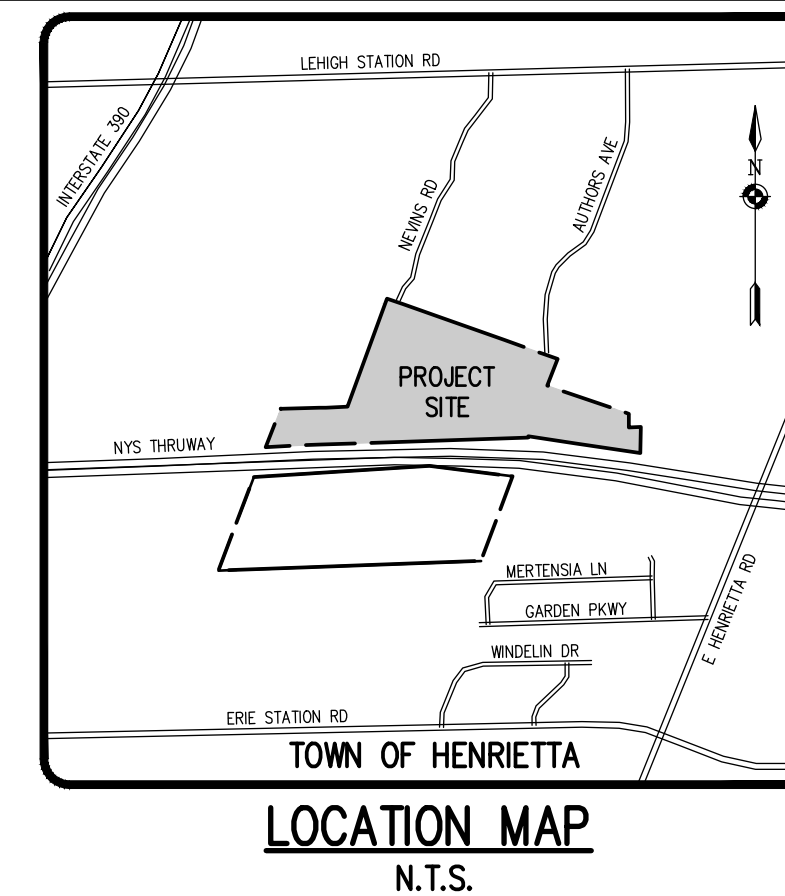
PROJECT ENGINEER DATE
JG CRETEKOS / AP BEYLER

DRAWN BY DATE
AN D'ANGELO

SCALE DATE ISSUED
1"=50' AUGUST 15, 2023

PROJECT NO.
2728A

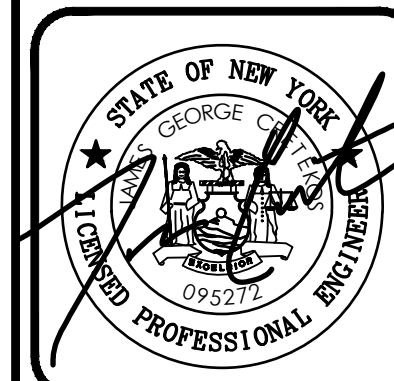
DRAWING NO.
24
(SHEET 2 OF 3)



Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
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NO.	DATE	BY
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LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

FINAL SECTION 1
LATERAL PLAN

PROJECT	LOCATION	CLIENT	DRAWING TITLE
LEHIGH RIDGE	TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE	LEHIGH RIDGE DESIGN, LLC	FINAL SECTION 1 LATERAL PLAN

PROJECT MANAGER	DATE
PG VARS	

PROJECT ENGINEER	DATE
JG CRETEKOS / AP BETLER	

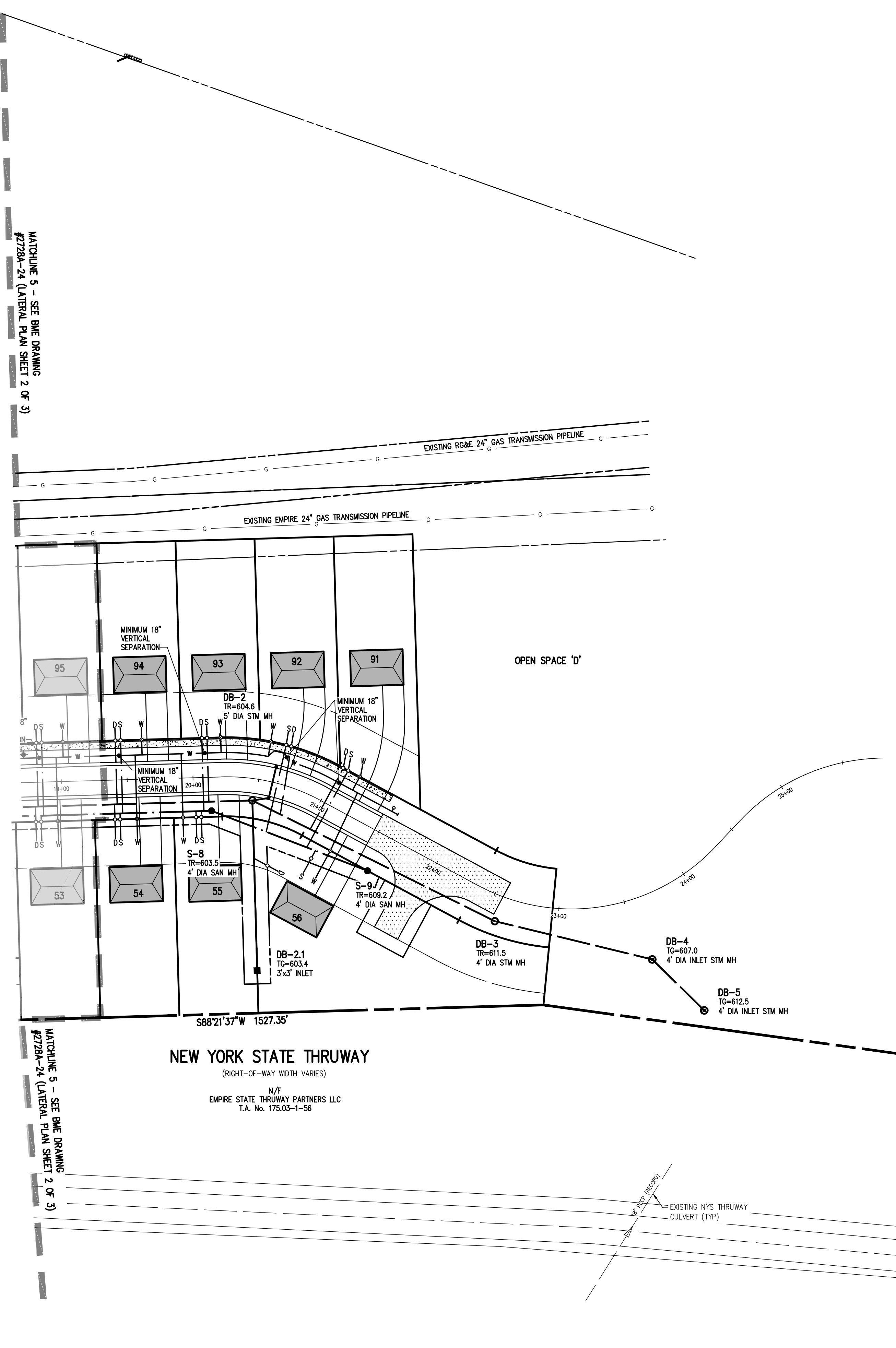
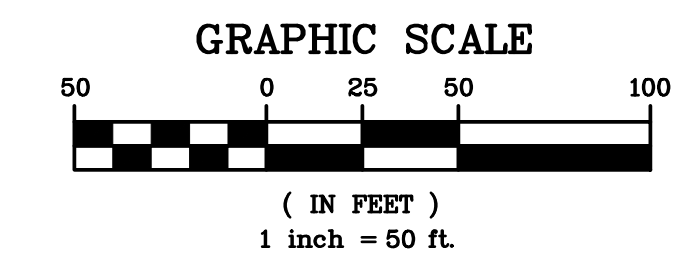
DRAWN BY	DATE
AN D'ANGELO	

SCALE	DATE ISSUED
1"=50'	AUGUST 15, 2023

PROJECT NO. **2728A**
DRAWING NO. **25**
(SHEET 3 OF 3)

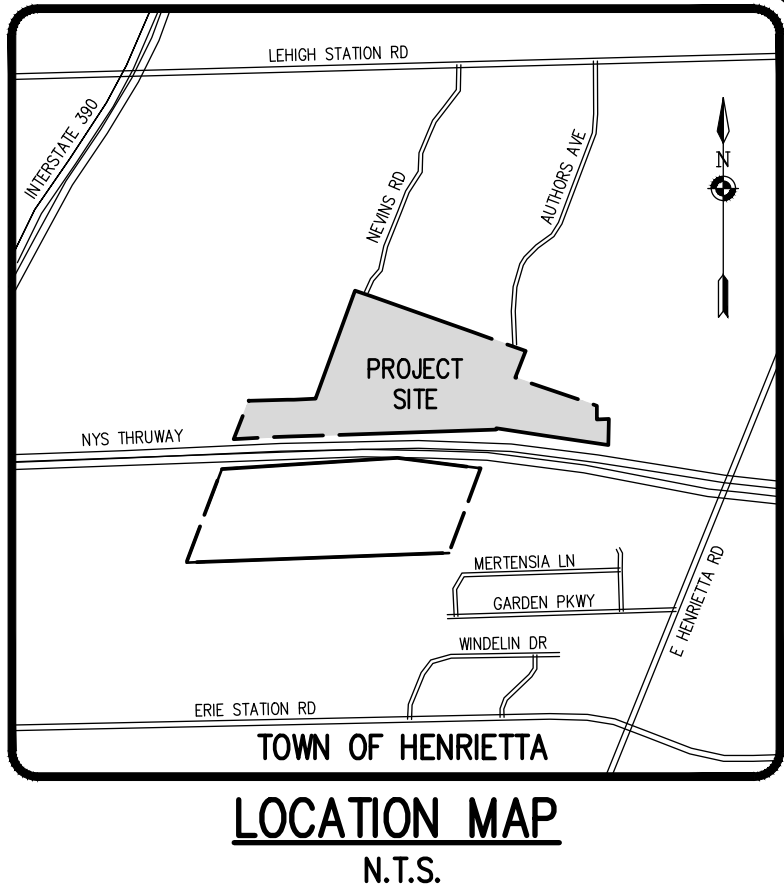
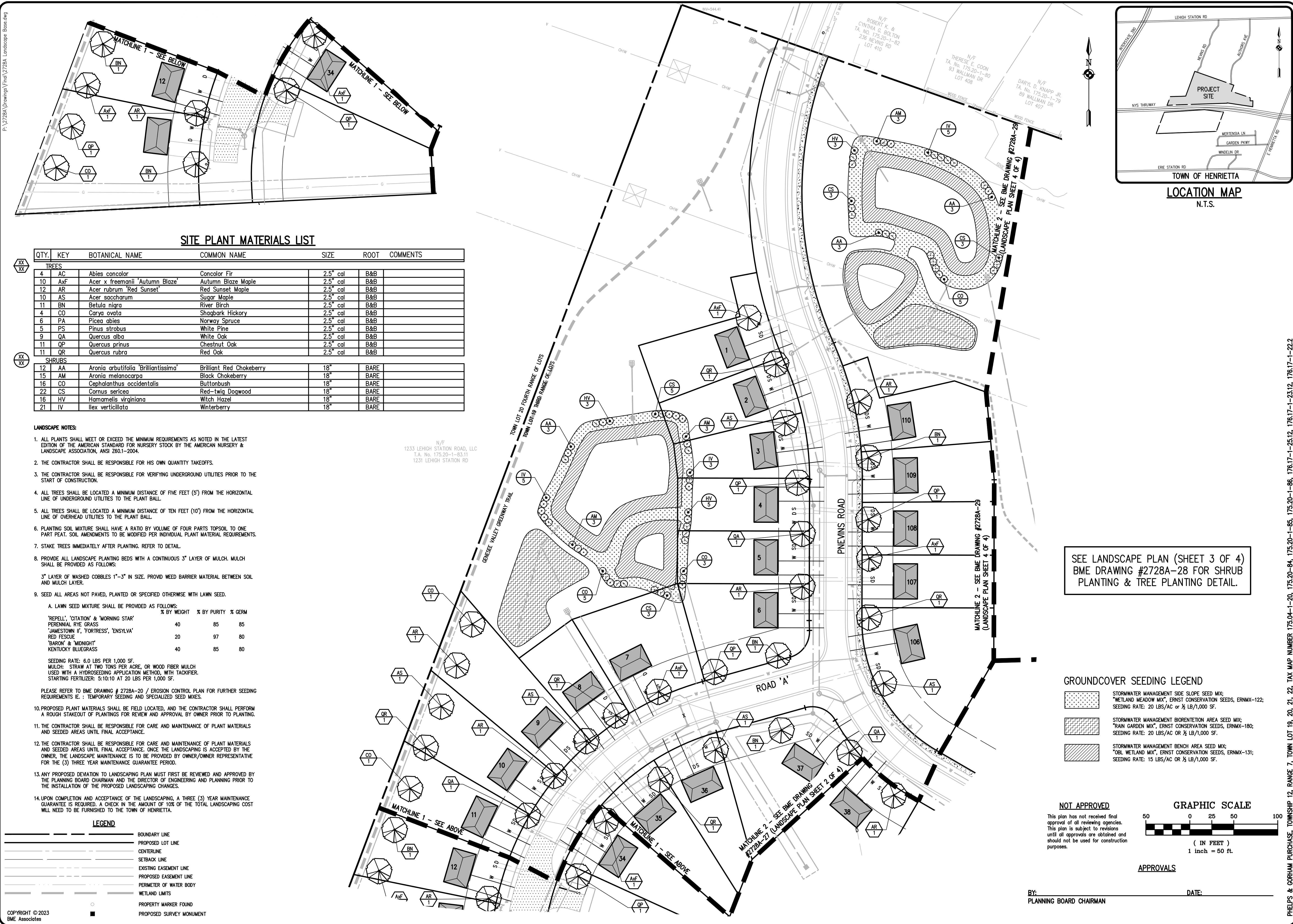
SEE LATERAL PLAN (SHEET 1 OF 3)
(BME DRAWING #2728A-23) FOR
LATERAL NOTES.

NOT APPROVED
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LEGEND

	BOUNDARY LINE
	PROPOSED LOT LINE
	CENTERLINE
	SETBACK LINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	PROPERTY MARKER FOUND
	EXISTING WATERMAIN, HYDRANT, AND VALVE
	PROPOSED WATERMAIN, HYDRANT, AND VALVE
	PROPOSED WATER SERVICE AND CURBSTOP
	EXISTING STORM SEWER, MANHOLE, AND INLET
	PROPOSED STORM SEWER, MANHOLE, AND INLET
	PROPOSED STORM LATERAL AND CLEANOUT
	EXISTING SANITARY SEWER AND MANHOLE
	PROPOSED SANITARY SEWER AND MANHOLE
	PROPOSED SANITARY LATERAL AND CLEANOUT
	PROPOSED LOW POINT OF ROAD
	PROPOSED HIGH POINT OF ROAD



SITE PLANT MATERIALS LIST

QTY.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS
TREES						
4	AC	Abies concolor	Concolor Fir	2.5" cal	B&B	
10	AxF	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	2.5" cal	B&B	
12	AR	Acer rubrum 'Red Sunset'	Red Sunset Maple	2.5" cal	B&B	
10	AS	Acer saccharum	Sugar Maple	2.5" cal	B&B	
11	BN	Betula nigra	River Birch	2.5" cal	B&B	
4	CO	Carya ovata	Shagbark Hickory	2.5" cal	B&B	
6	PA	Picea abies	Norway Spruce	2.5" cal	B&B	
5	PS	Pinus strobus	White Pine	2.5" cal	B&B	
9	QA	Quercus alba	White Oak	2.5" cal	B&B	
11	QP	Quercus prinus	Chestnut Oak	2.5" cal	B&B	
11	QR	Quercus rubra	Red Oak	2.5" cal	B&B	
SHRUBS						
12	AA	Aronia arbutifolia 'Brilliantissima'	Brilliant Red Chokeberry	18"	BARE	
15	AM	Aronia melanocarpa	Black Chokeberry	18"	BARE	
16	CO	Cephalanthus occidentalis	Buttombush	18"	BARE	
22	CS	Cornus sericea	Red-twig Dogwood	18"	BARE	
16	HV	Hamamelis virginiana	Witch Hazel	18"	BARE	
21	IV	Ilex verticillata	Winterberry	18"	BARE	

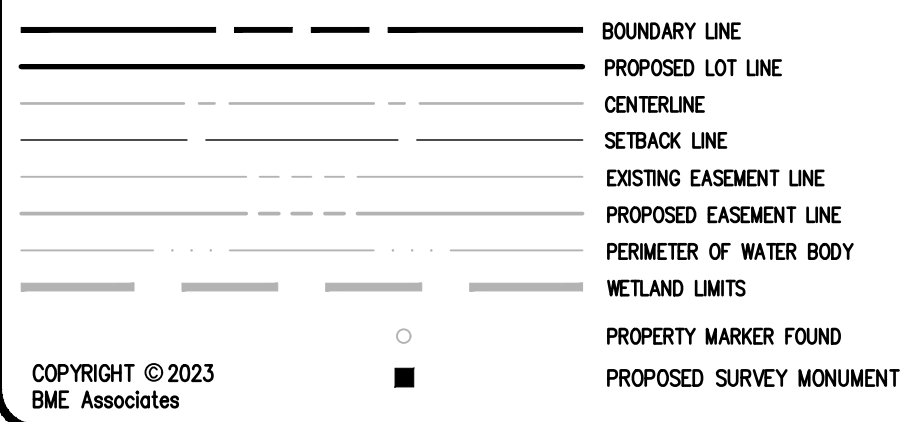
LANDSCAPE NOTES:

- ALL PLANTS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS NOTED IN THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, ANSI Z60.1-2004.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFFS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- ALL TREES SHALL BE LOCATED A MINIMUM DISTANCE OF FIVE FEET (5') FROM THE HORIZONTAL LINE OF UNDERGROUND UTILITIES TO THE PLANT BALL.
- ALL TREES SHALL BE LOCATED A MINIMUM DISTANCE OF TEN FEET (10') FROM THE HORIZONTAL LINE OF OVERHEAD UTILITIES TO THE PLANT BALL.
- PLANTING SOIL MIXTURE SHALL HAVE A RATIO BY VOLUME OF FOUR PARTS TOPSOIL TO ONE PART PEAT. SOIL AMENDMENTS TO BE MODIFIED PER INDIVIDUAL PLANT MATERIAL REQUIREMENTS.
- STAKE TREES IMMEDIATELY AFTER PLANTING. REFER TO DETAIL.
- PROVIDE ALL LANDSCAPE PLANTING BEDS WITH A CONTINUOUS 3" LAYER OF MULCH. MULCH SHALL BE PROVIDED AS FOLLOWS:
3" LAYER OF WASHED COBBLES 1"-3" IN SIZE. PROVIDE WEED BARRIER MATERIAL BETWEEN SOIL AND MULCH LAYER.
- SEED ALL AREAS NOT PAVED, PLANTED OR SPECIFIED OTHERWISE WITH LAWN SEED.
A. LAWN SEED MIXTURE SHALL BE PROVIDED AS FOLLOWS:

	% BY WEIGHT	% BY PURITY	% GERM
'REPELL', 'GITATION' & 'MORNING STAR'	40	85	85
PERENNIAL RYE GRASS			
'JAMESTOWN II', 'FORTRESS', 'ENSYLVA'	20	97	80
RED FESCUE			
'BARON' & 'MIDNIGHT'	40	85	80
KENTUCKY BLUEGRASS			

 SEEDING RATE: 6.0 LBS PER 1,000 SF.
 MULCH: STRAW AT TWO TONS PER ACRE, OR WOOD FIBER MULCH USED WITH A HYDROSEEDING APPLICATION METHOD, WITH TACKIFIER.
 STARTING FERTILIZER: 5-10-10 AT 20 LBS PER 1,000 SF.
 PLEASE REFER TO BME DRAWING # 2728A-20 / EROSION CONTROL PLAN FOR FURTHER SEEDING REQUIREMENTS IE.: TEMPORARY SEEDING AND SPECIALIZED SEED MIXES.
- PROPOSED PLANT MATERIALS SHALL BE FIELD LOCATED, AND THE CONTRACTOR SHALL PERFORM A ROUGH STAKEOUT OF PLANTINGS FOR REVIEW AND APPROVAL BY OWNER PRIOR TO PLANTING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF PLANT MATERIALS AND SEEDING AREAS UNTIL FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF PLANT MATERIALS AND SEEDING AREAS UNTIL FINAL ACCEPTANCE. ONCE THE LANDSCAPING IS ACCEPTED BY THE OWNER, THE LANDSCAPE MAINTENANCE IS TO BE PROVIDED BY OWNER/OWNER REPRESENTATIVE FOR THE (3) THREE YEAR MAINTENANCE GUARANTEE PERIOD.
- ANY PROPOSED DEVIATION TO LANDSCAPING PLAN MUST FIRST BE REVIEWED AND APPROVED BY THE PLANNING BOARD CHAIRMAN AND THE DIRECTOR OF ENGINEERING AND PLANNING PRIOR TO THE INSTALLATION OF THE PROPOSED LANDSCAPING CHANGES.
- UPON COMPLETION AND ACCEPTANCE OF THE LANDSCAPING, A THREE (3) YEAR MAINTENANCE GUARANTEE IS REQUIRED. A CHECK IN THE AMOUNT OF 10% OF THE TOTAL LANDSCAPING COST WILL NEED TO BE FURNISHED TO THE TOWN OF HENRIETTA.

LEGEND



N/F
1233 LEHIGH STATION ROAD, LLC
T.A. No. 175.20-1-B3.11
1231 LEHIGH STATION RD

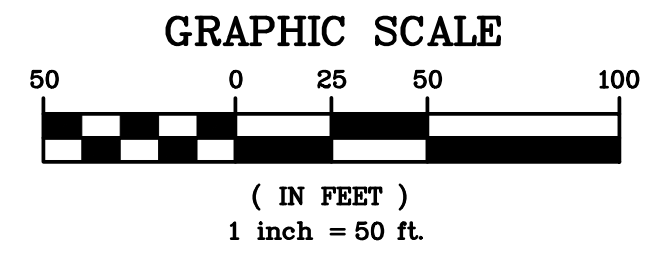
SEE LANDSCAPE PLAN (SHEET 3 OF 4)
BME DRAWING #2728A-28 FOR SHRUB
PLANTING & TREE PLANTING DETAIL.

GROUND COVER SEEDING LEGEND

[Symbol]	STORMWATER MANAGEMENT SIDE SLOPE SEED MIX: 'WETLAND MEADOW MIX', ERNST CONSERVATION SEEDS, ERNMX-122; SEEDING RATE: 20 LBS/AC OR ½ LB/1,000 SF.
[Symbol]	STORMWATER MANAGEMENT BIORETENTION AREA SEED MIX: 'FRANK GARDEN MIX', ERNST CONSERVATION SEEDS, ERNMX-180; SEEDING RATE: 20 LBS/AC OR ½ LB/1,000 SF.
[Symbol]	STORMWATER MANAGEMENT BENCH AREA SEED MIX: 'OBI WETLAND MIX', ERNST CONSERVATION SEEDS, ERNMX-131; SEEDING RATE: 15 LBS/AC OR ¼ LB/1,000 SF.

NOT APPROVED

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APPROVALS

BY: _____ DATE: _____
PLANNING BOARD CHAIRMAN

Drawing Alteration
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NO.	REVISIONS	DATE	BY
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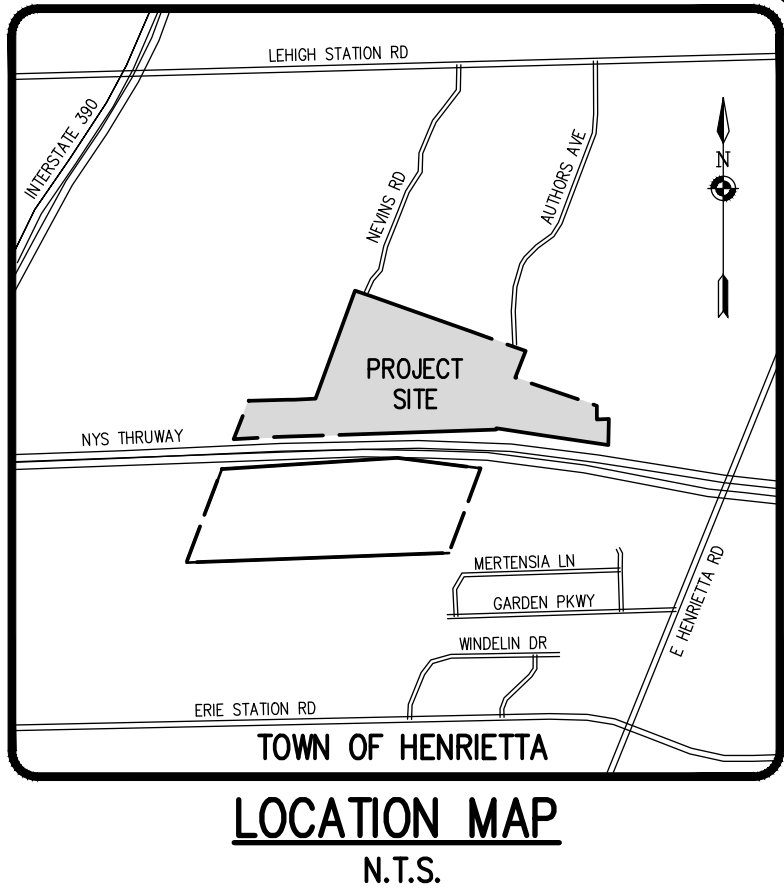
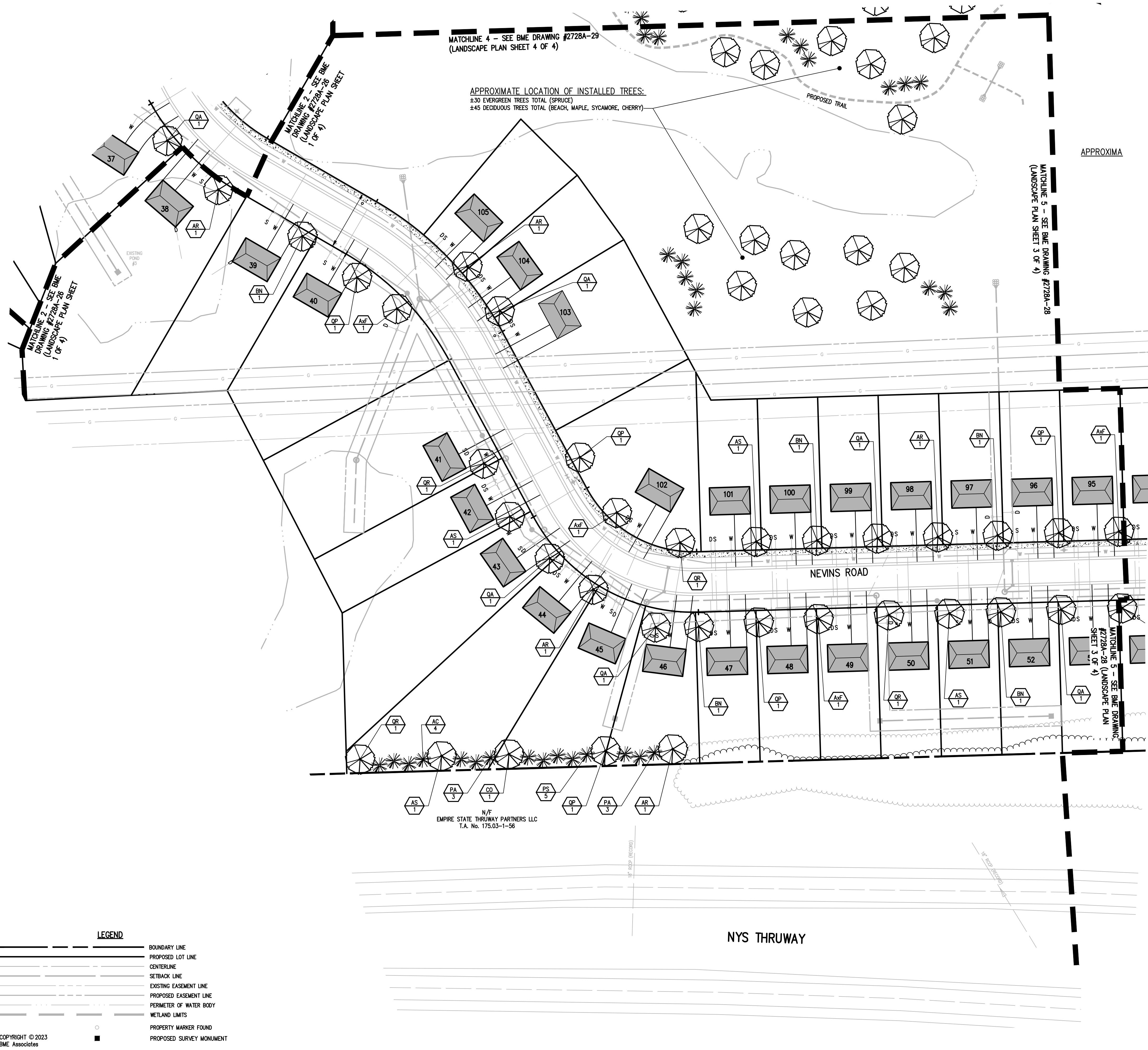
BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
PHONE 585-377-7360
FAX 585-377-7365
10 LEFTBRIDGE LANE EAST
HENRIETTA, NY 14450
WWW.BMEARC.COM



LEHIGH RIDGE
PROJECT
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE DEVELOPMENT, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414
CLIENT
DRAWING TITLE
LANDSCAPE PLAN
FINAL SECTION 1

PROJECT MANAGER DATE
PG VARS
PROJECT ENGINEER DATE
DRAWN BY DATE
JR SQUIER
SCALE DATE ISSUED
1"=50' AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
26
(SHEET 1 OF 4)

PHELPS & CORHAM PURCHASE, TOWNSHIP 12, RANGE 7, TOWN LOT 19, 20, 21, 22, TAX MAP NUMBER 175.04-1-20, 175.20-84, 175.20-1-85, 175.20-1-86, 176.17-1-23.12, 176.17-1-23.12, 176.17-1-23.2, 176.17-1-23.2



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NO.	REVISIONS	DATE	BY
7			
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HENRIETTA, NY 14450
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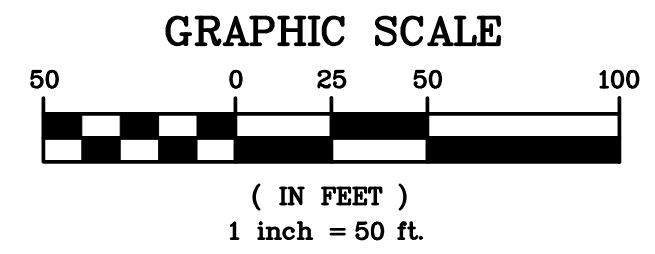


LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE CRESTS, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414
FINAL SECTION 1
LANDSCAPE PLAN

SEE LANDSCAPE PLAN (SHEET 1 OF 4) BME DRAWING #2728A-26 FOR LANDSCAPE NOTES & SITE PLANT MATERIALS LIST.

SEE LANDSCAPE PLAN (SHEET 3 OF 4) BME DRAWING #2728A-28 FOR SHRUB PLANTING & TREE PLANTING DETAIL.

NOT APPROVED
This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.



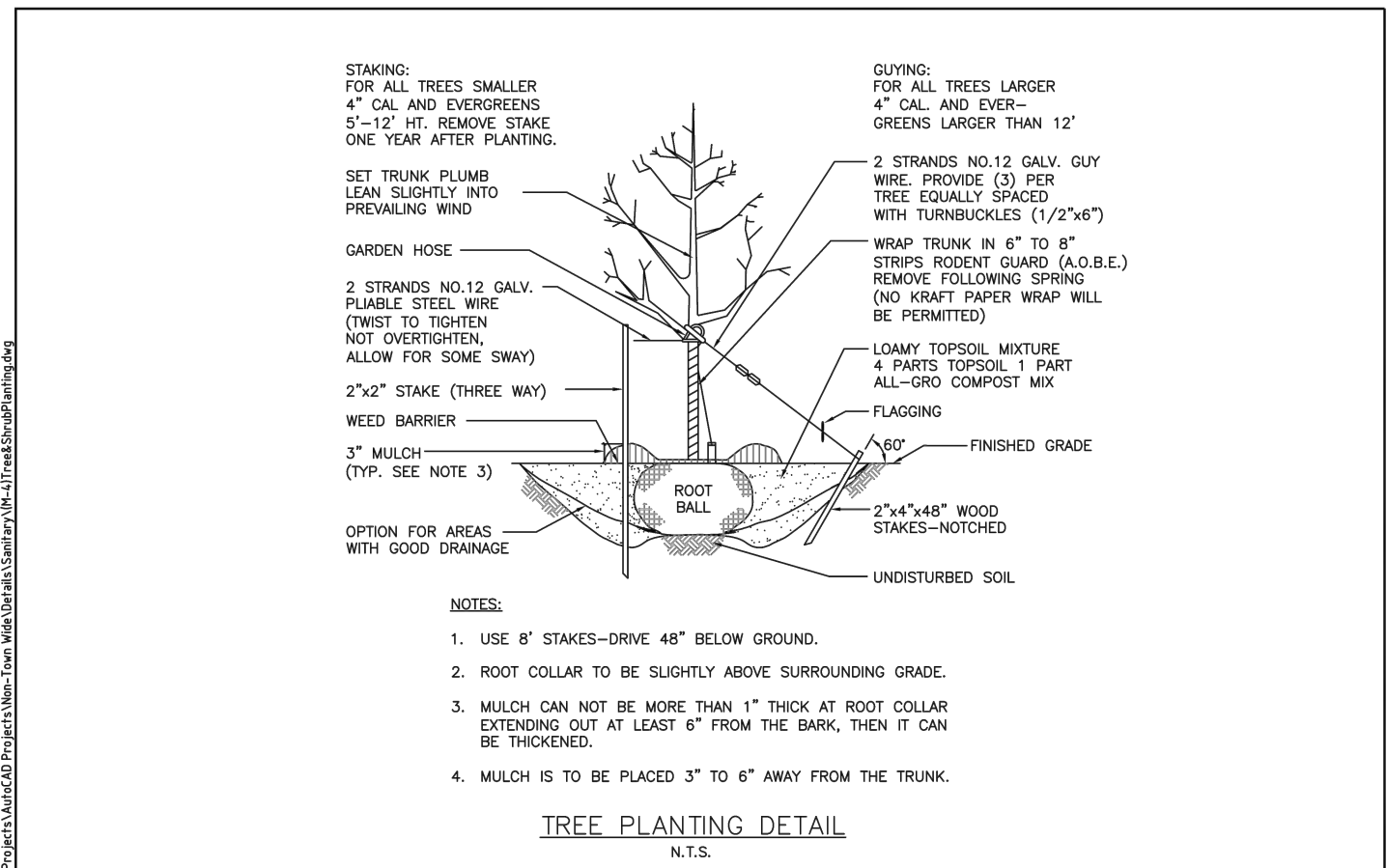
APPROVALS

BY: _____ DATE: _____
PLANNING BOARD CHAIRMAN

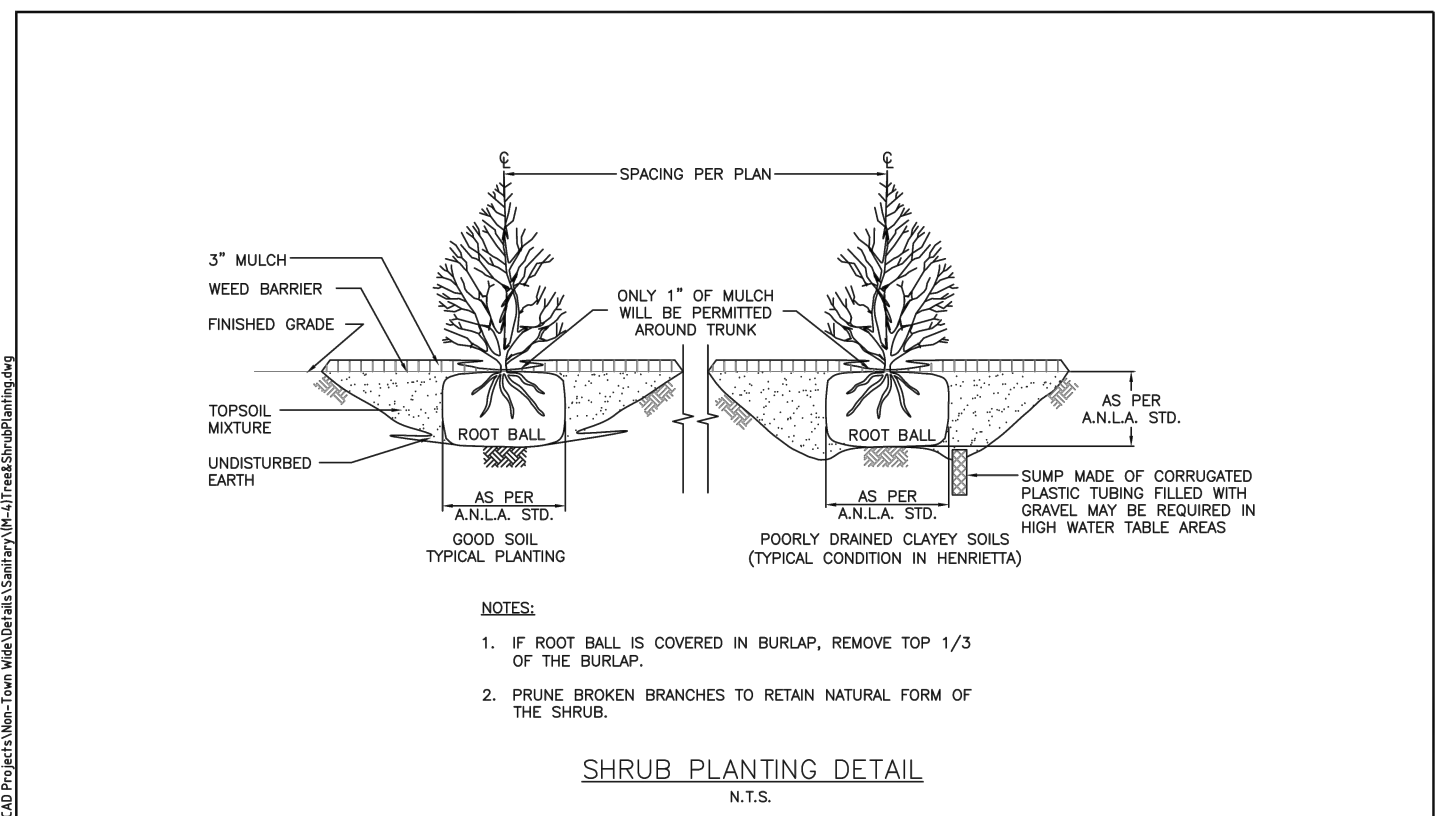
LEGEND

- BOUNDARY LINE
- - - PROPOSED LOT LINE
- CENTERLINE
- - - SETBACK LINE
- - - EXISTING EASEMENT LINE
- - - PROPOSED EASEMENT LINE
- - - PERIMETER OF WATER BODY
- - - WETLAND LIMITS
- PROPERTY MARKER FOUND
- PROPOSED SURVEY MONUMENT

PROJECT LOCATION CLIENT DRAWING TITLE
PROJECT MANAGER DATE
PG VARS
PROJECT ENGINEER DATE
JG CRETEKOS / AP BETLER
DRAWN BY DATE
JR SQUIER
SCALE DATE ISSUED
1"=50' AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
27
(SHEET 2 OF 4)



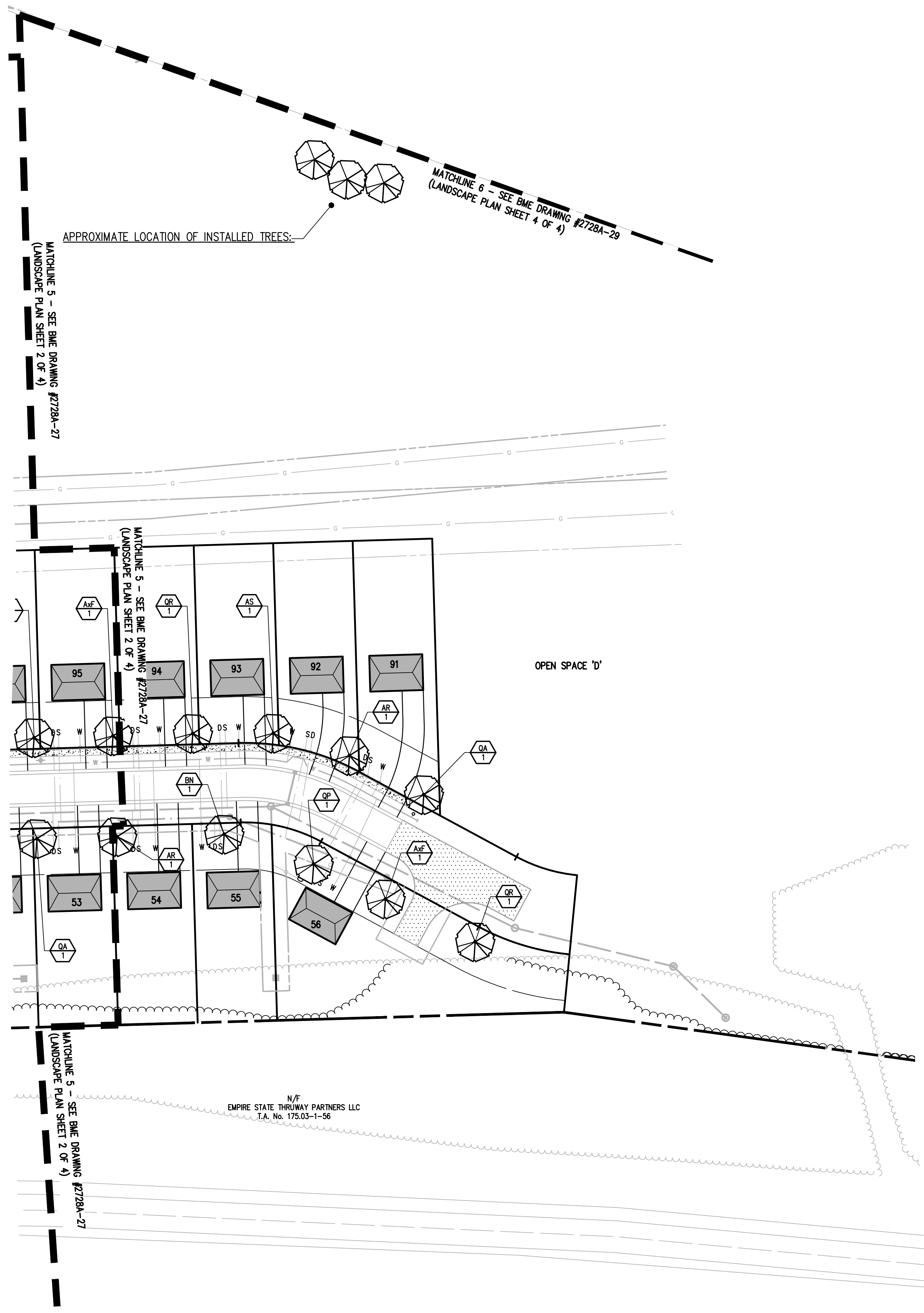
	TOWN OF HENRIETTA	TYPICAL TREE PLANTING DETAIL	
		SCALE: N.T.S. DATE: 11/10/2011	M-4b



	TOWN OF HENRIETTA	TYPICAL SHRUB PLANTING DETAIL	
		SCALE: N.T.S. DATE: 10/9/2012	M-4a

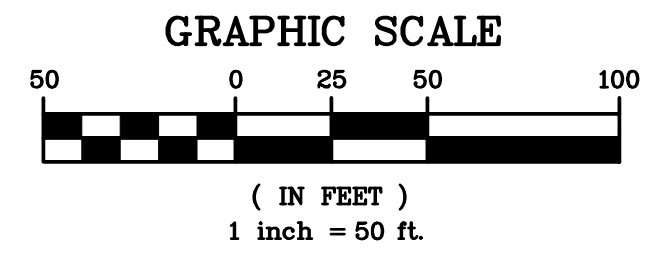
LEGEND

	BOUNDARY LINE
	PROPOSED LOT LINE
	CENTERLINE
	SETBACK LINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	PERIMETER OF WATER BODY
	WETLAND LIMITS
	PROPERTY MARKER FOUND
	PROPOSED SURVEY MONUMENT



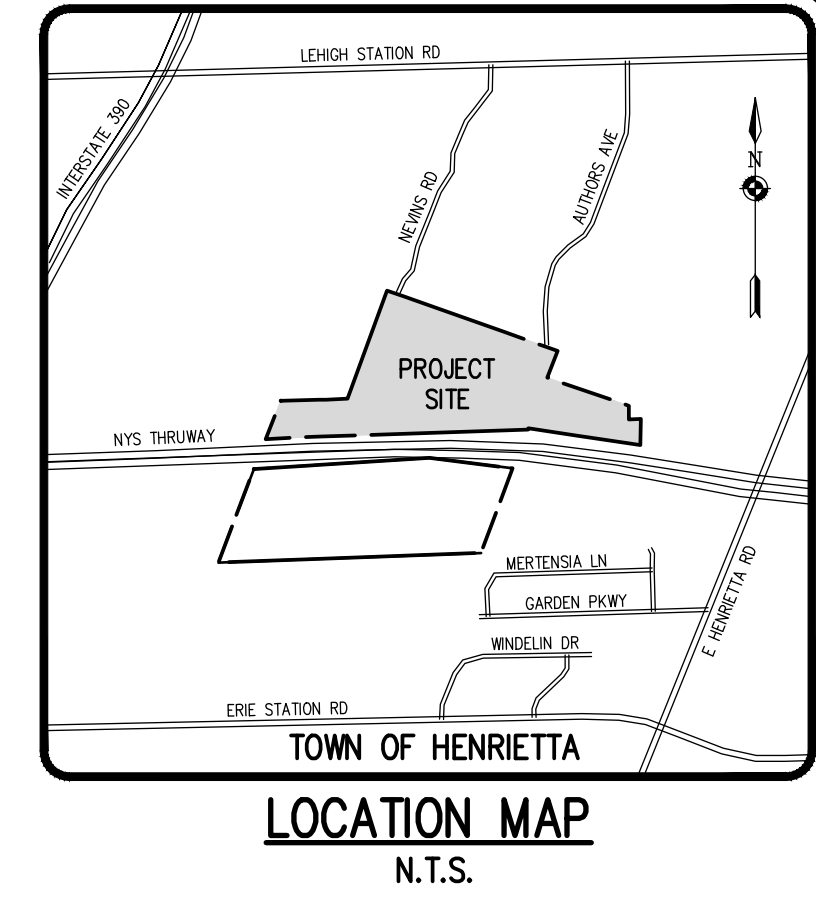
SEE LANDSCAPE PLAN (SHEET 1 OF 4) BME DRAWING #2728A-26 FOR LANDSCAPE NOTES & SITE PLANT MATERIALS LIST.

NOT APPROVED
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APPROVALS

BY: _____ DATE: _____
PLANNING BOARD CHAIRMAN



Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way, if an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the item his seal and the notation altered followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	REVISIONS	DATE	BY
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BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
PHONE 585-577-7500
FAX 585-577-7505
10 JEFFERSON LANE EAST
HENRIETTA, NY 14450
WWW.BMEINC.COM

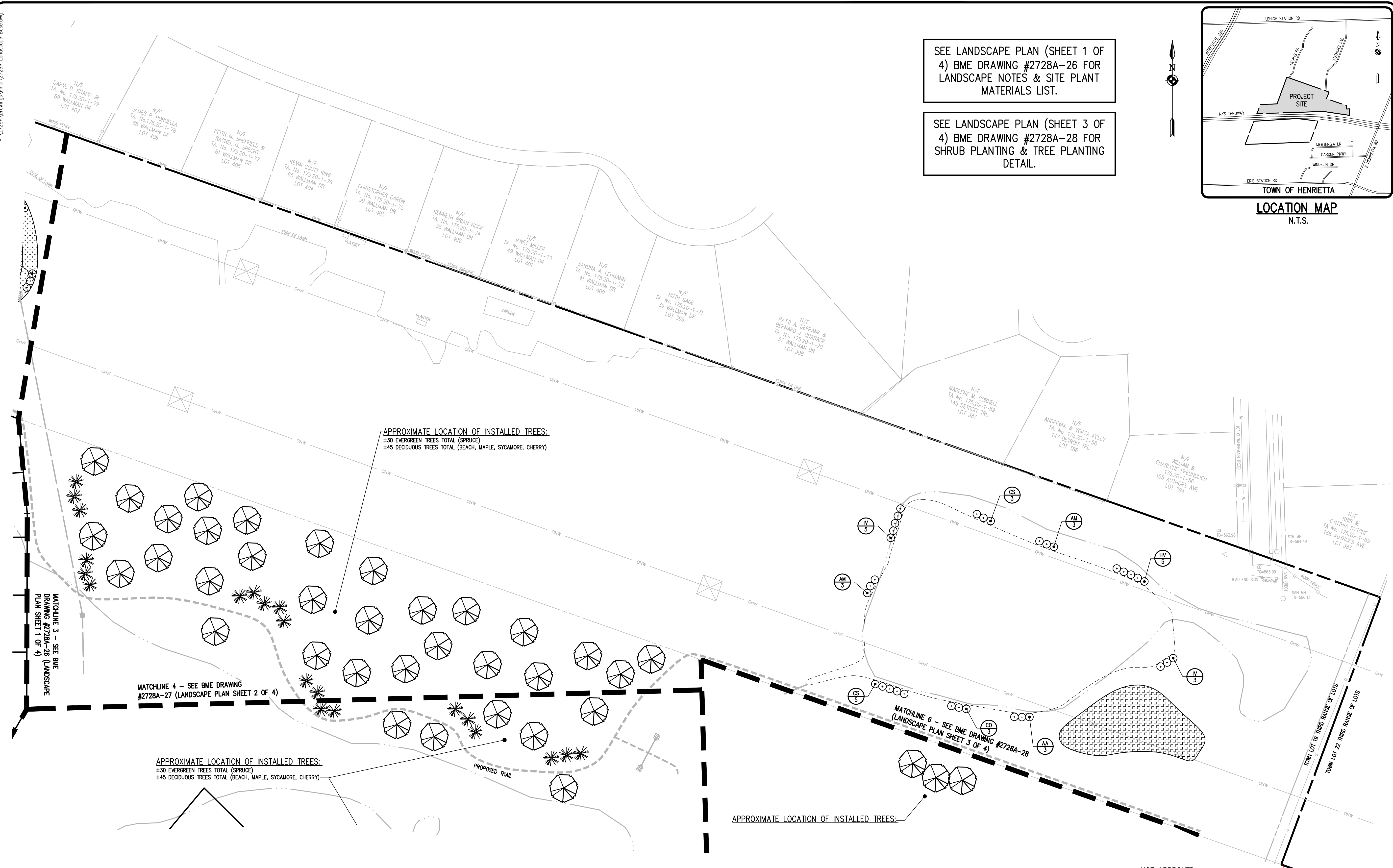


LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414
FINAL SECTION 1
LANDSCAPE PLAN

PROJECT LOCATION CLIENT DRAWING TITLE

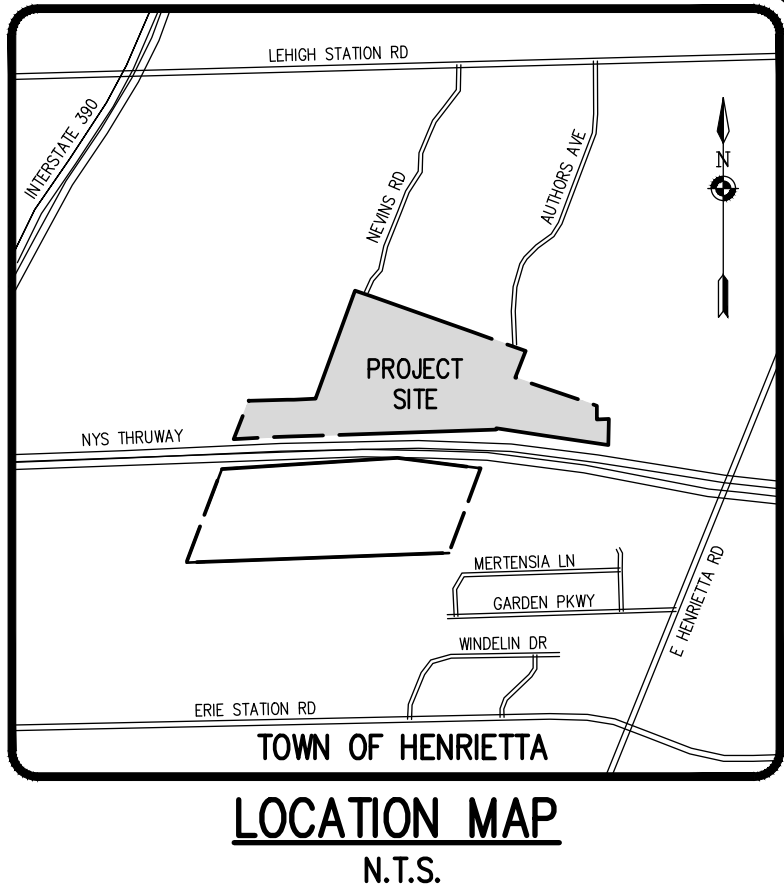
PROJECT MANAGER	DATE
PG VARS	
PROJECT ENGINEER	DATE
JG CRETEKOS / AP BETLER	
DRAWN BY	DATE
JR SQUIER	
SCALE	DATE ISSUED
1"=50'	AUGUST 15, 2023
PROJECT NO.	
	2728A
DRAWING NO.	28
	(SHEET 3 OF 4)

P:\2728A\Drawings\Final\2728A Landscape Base.dwg



SEE LANDSCAPE PLAN (SHEET 1 OF 4) BME DRAWING #2728A-26 FOR LANDSCAPE NOTES & SITE PLANT MATERIALS LIST.

SEE LANDSCAPE PLAN (SHEET 3 OF 4) BME DRAWING #2728A-28 FOR SHRUB PLANTING & TREE PLANTING DETAIL.



APPROXIMATE LOCATION OF INSTALLED TREES:
 ±30 EVERGREEN TREES TOTAL (SPRUCE)
 ±45 DECIDUOUS TREES TOTAL (BEACH, MAPLE, SYCAMORE, CHERRY)

MATCHLINE 4 - SEE BME DRAWING #2728A-27 (LANDSCAPE PLAN SHEET 2 OF 4)

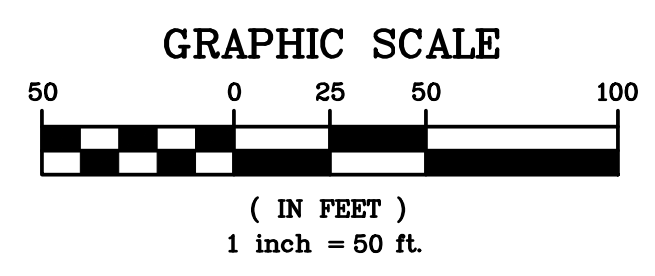
MATCHLINE 6 - SEE BME DRAWING #2728A-28 (LANDSCAPE PLAN SHEET 3 OF 4)

APPROXIMATE LOCATION OF INSTALLED TREES:
 ±30 EVERGREEN TREES TOTAL (SPRUCE)
 ±45 DECIDUOUS TREES TOTAL (BEACH, MAPLE, SYCAMORE, CHERRY)

APPROXIMATE LOCATION OF INSTALLED TREES:

LEGEND

	BOUNDARY LINE
	PROPOSED LOT LINE
	CENTERLINE
	SETBACK LINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	PERIMETER OF WATER BODY
	WETLAND LIMITS
	PROPERTY MARKER FOUND
	PROPOSED SURVEY MONUMENT



NOT APPROVED
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APPROVALS

BY: _____ DATE: _____
 PLANNING BOARD CHAIRMAN

Drawing Alteration
 The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
 "It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the item his seal and the notation 'altered by' followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	REVISIONS	DATE	BY
7			
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BME ASSOCIATES
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 PHONE 585-377-2680
 FAX 585-377-5265
 10 LITTLEBRIDGE LANE EAST
 WESTBURY, NEW YORK 11590
 WWW.BMEARC.COM



LEHIGH RIDGE
 TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
 LEHIGH RIDGE DESIGN, LLC
 1112 EAST RIVER ROAD
 AVON, NEW YORK 14414

PROJECT LOCATION CLIENT DRAWING TITLE

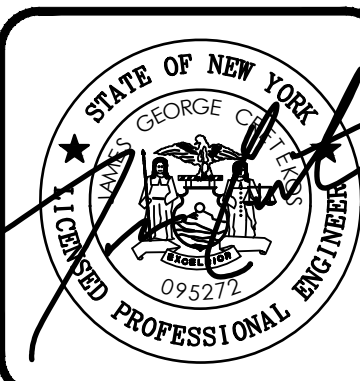
**FINAL SECTION 1
 LANDSCAPE PLAN**

PROJECT MANAGER	DATE
PG. VARS	
PROJECT ENGINEER	DATE
JG. CRETEKOS / AP. BEYLER	
DRAWN BY	DATE
JR. SQUIER	
SCALE	DATE ISSUED
1"=50'	AUGUST 15, 2023
PROJECT NO.	
	2728A
DRAWING NO.	
	29
	(SHEET 4 OF 4)

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way, if an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file to the item his seal and the notation 'altered' followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	DATE	REVISIONS
7		
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PHONE 385-377-7360
FAX 385-377-7365
30 LEFT BRIDGE LANE EAST
ROCKY HILL, CT 06067
WWW.BMEARC.COM

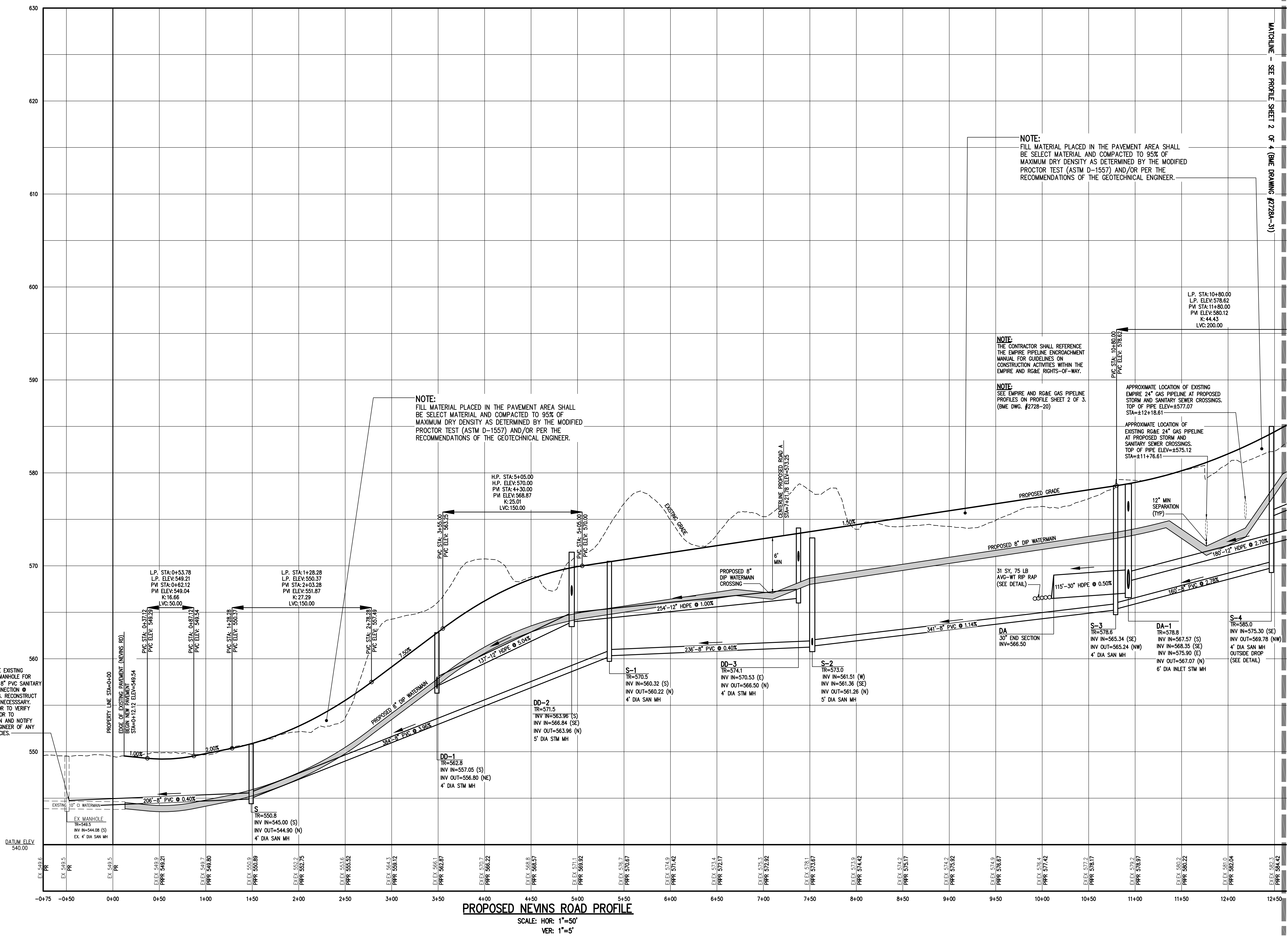


LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

PROJECT LOCATION CLIENT DRAWING TITLE

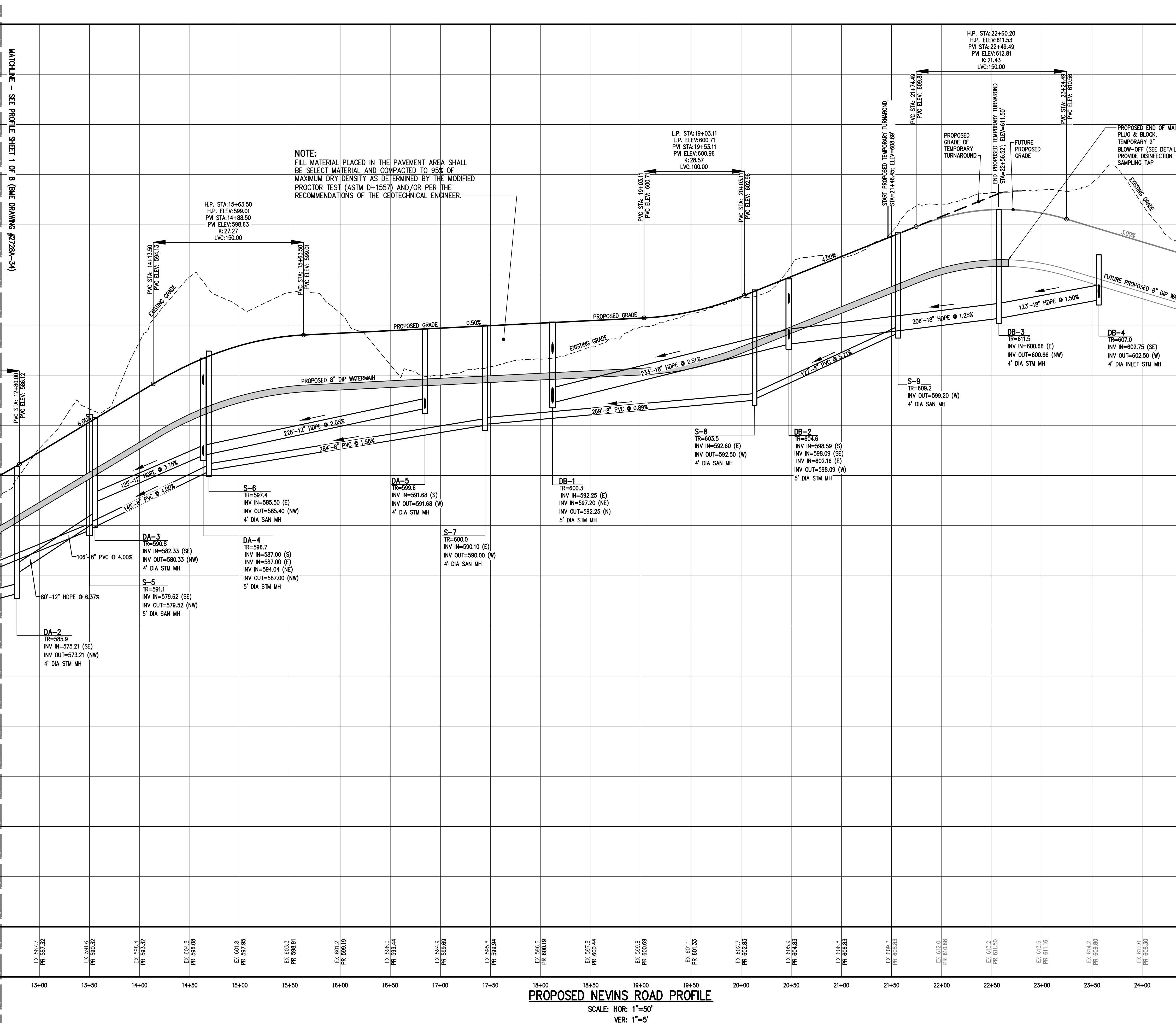
**FINAL SECTION 1
PROFILE SHEET**

PROJECT MANAGER DATE
PG VARS PROJECT ENGINEER DATE
JG CRETEKOS / AP BEYLER
DRAWN BY DATE
AN D'ANGELO
SCALE DATE ISSUED
AS SHOWN AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
30
(SHEET 1 OF 4)



MATCHLINE - SEE PROFILE SHEET 2 OF 4 (BME DRAWING #2728A-31)

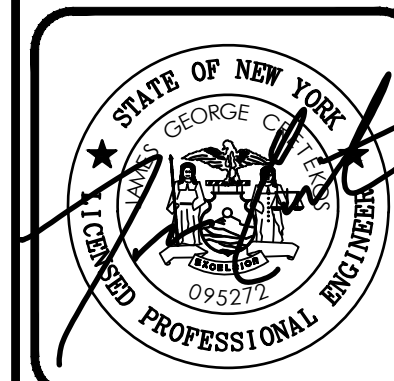
CORE/BORE EXISTING SANITARY MANHOLE FOR PROPOSED 8" PVC SANITARY SEWER CONNECTION @ INV=544.08. RECONSTRUCT BENCH AS NECESSARY. CONTRACTOR TO VERIFY INVERT PRIOR TO CONNECTION AND NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES.



Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the item his seal and the notation altered by followed by his signature and the date of such alteration, and a specific description of the alteration."

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10 JEFF BRIDGE LANE EAST
ROCKY HILL, CT 06866
PHONE 355-377-7360
FAX 355-377-7365
WWW.BMEARC.COM



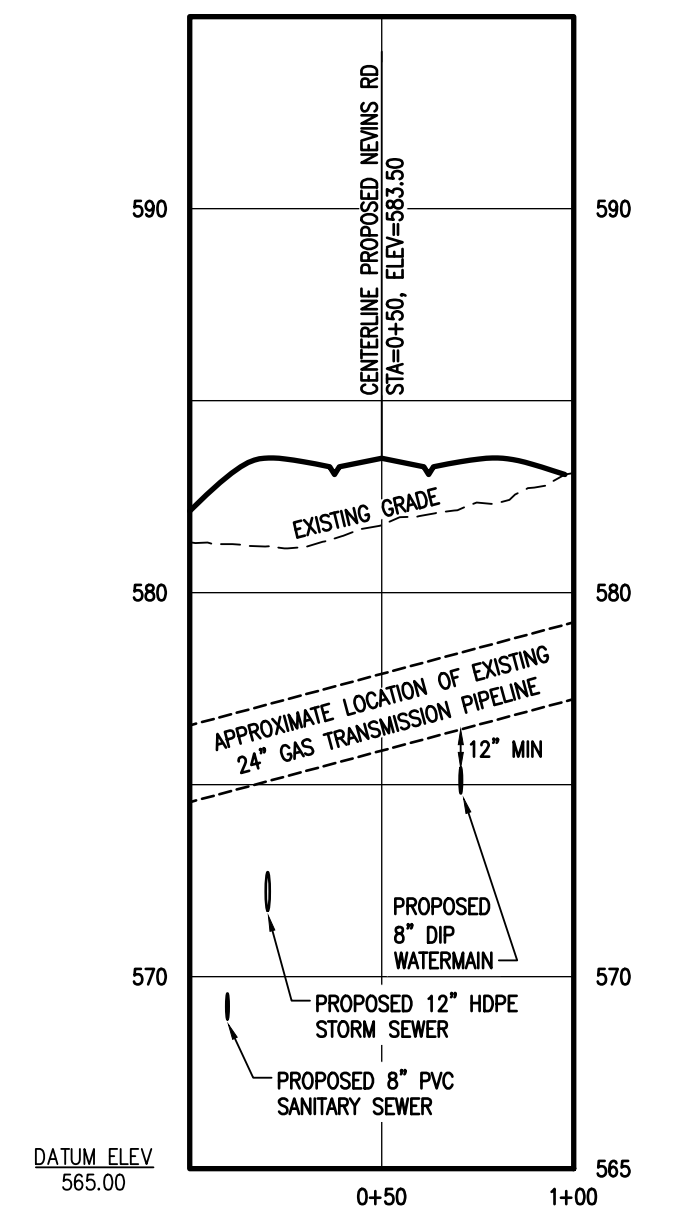
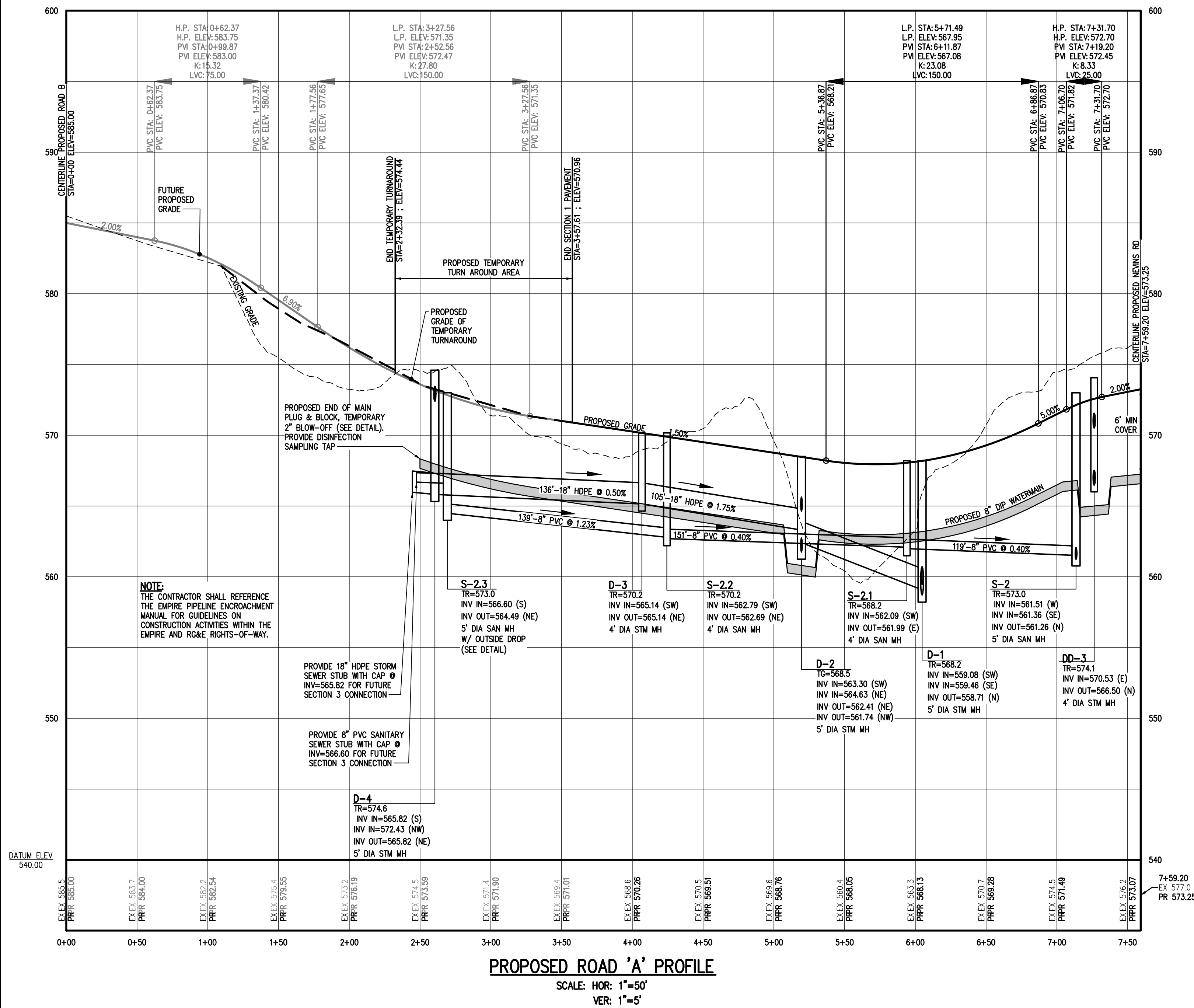
LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHRWOOD ESTIMATES, LLC
1414 AVON, NEW YORK 14414

FINAL SECTION 1 PROFILE SHEET

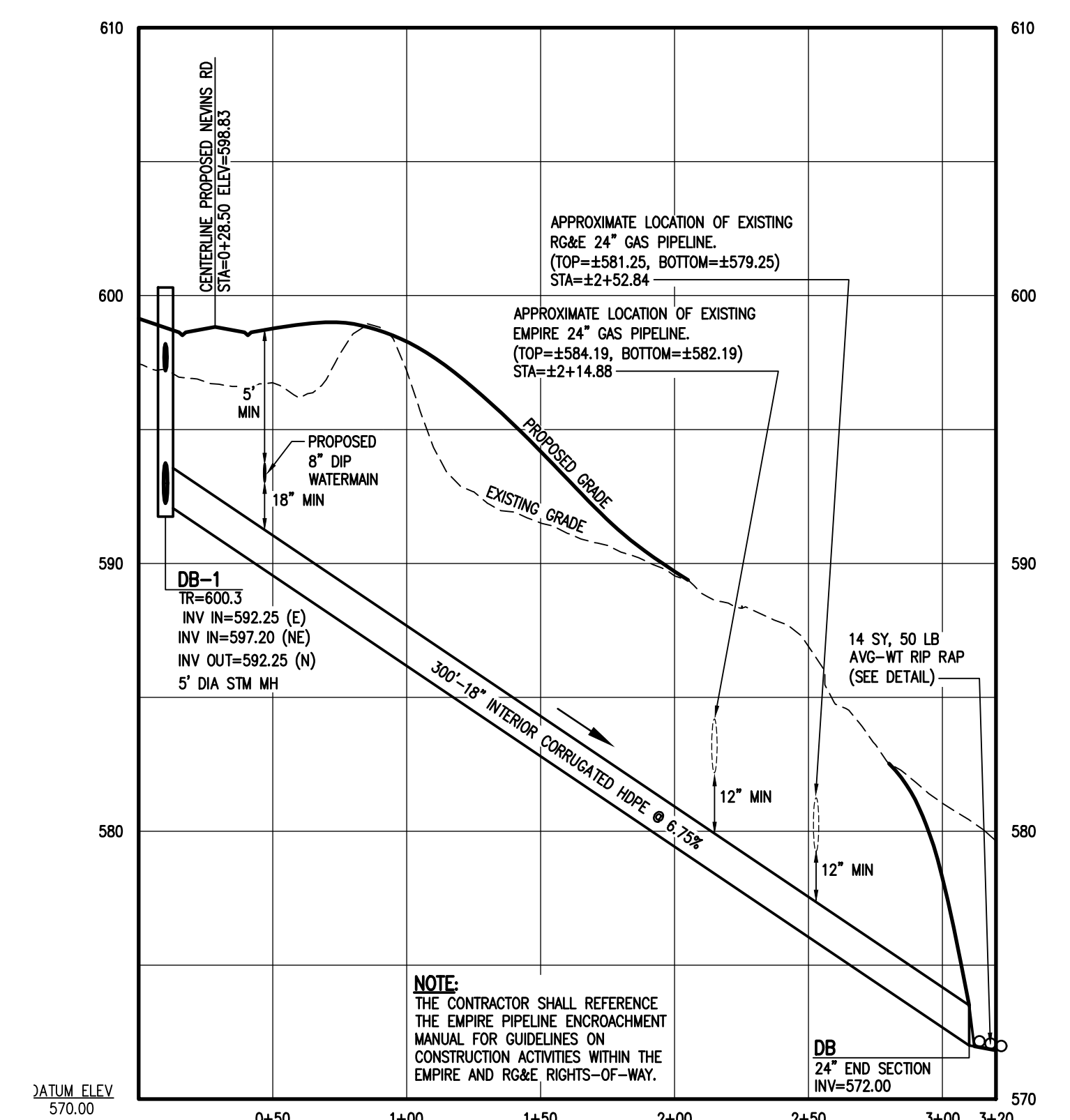
PROJECT: LOCATION: CLIENT: DRAWING TITLE:

PROJECT MANAGER: DATE:
PG VARS:
PROJECT ENGINEER: DATE:
JG CRETEKOS / AP BEYLER
DRAWN BY: DATE:
AN D'ANGELO
SCALE: DATE ISSUED:
AS SHOWN: AUGUST 15, 2023
PROJECT NO.:
2728A
DRAWING NO.:
31
(SHEET 2 OF 4)

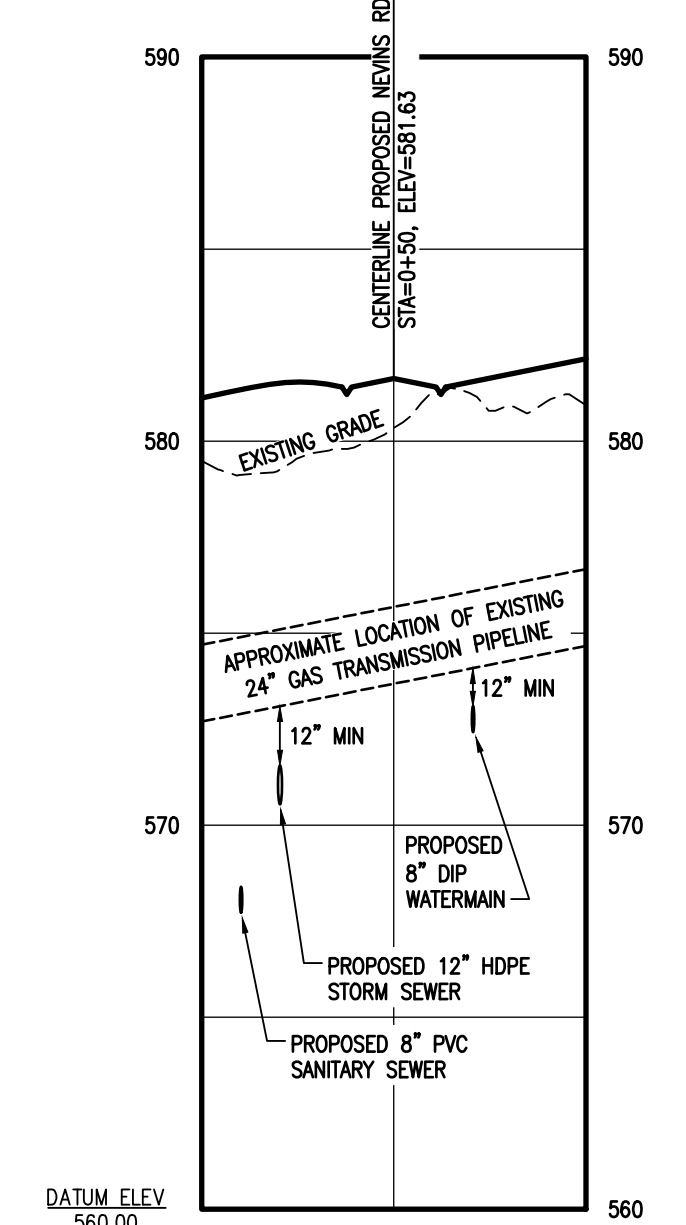
THE CONTRACTOR SHALL REFERENCE THE
EMPIRE PIPELINE ENCROACHMENT MANUAL FOR
GUIDELINES ON CONSTRUCTION ACTIVITIES WITHIN
THE EMPIRE AND RG&E RIGHT-OF-WAYS.



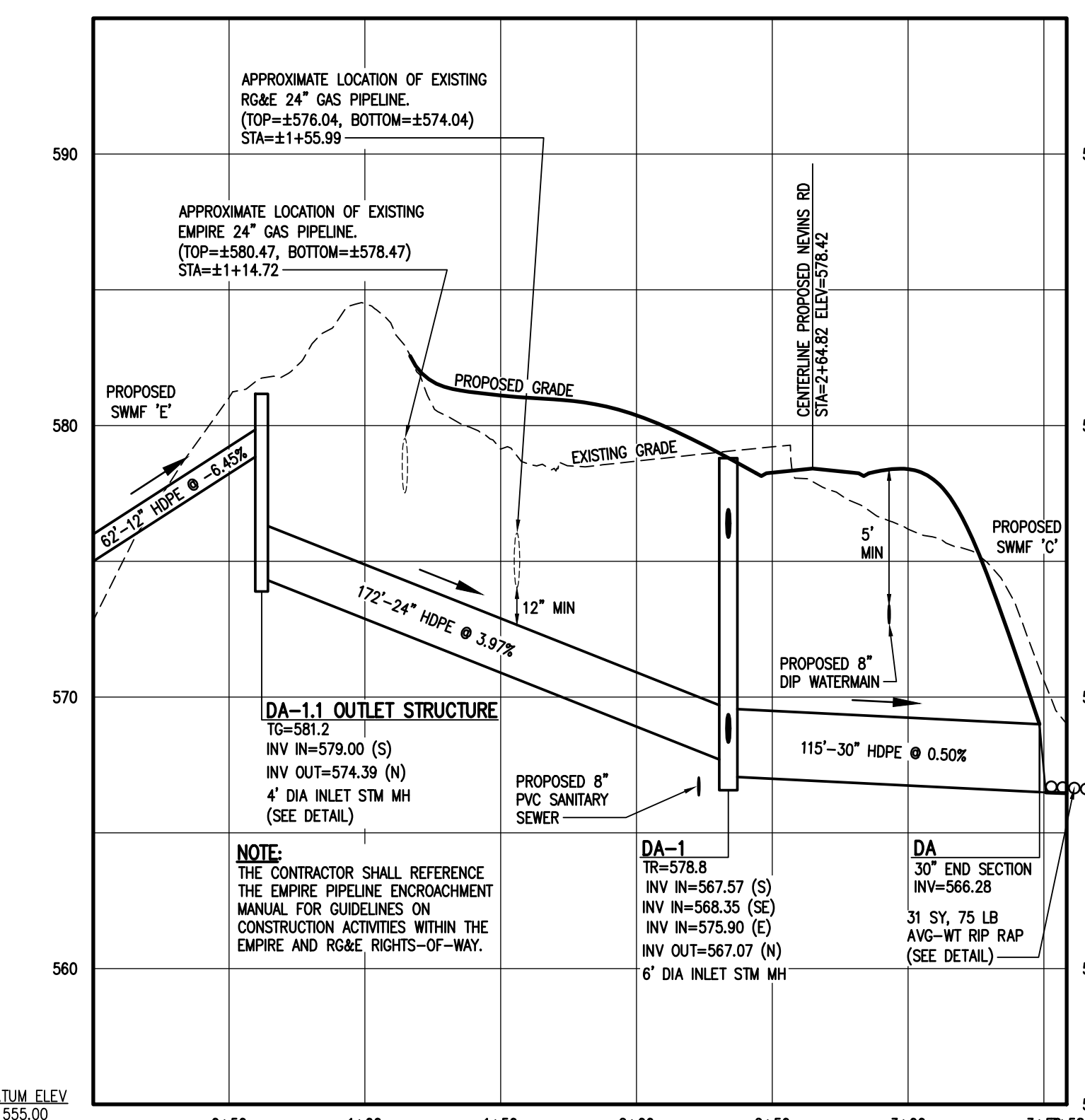
EMPIRE GAS PIPELINE PROFILE (NEVNS RD CROSSING)
SCALE: HOR: 1"=50'
VER: 1"=5'



PROPOSED STORM SEWER PROFILE (DB-1 TO DB)
SCALE: HOR: 1"=50'
VER: 1"=5'



RG&E GAS PIPELINE PROFILE (NEVNS RD CROSSING)
SCALE: HOR: 1"=50'
VER: 1"=5'

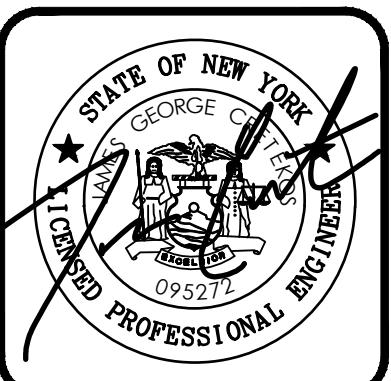


PROPOSED STORM SEWER PROFILE (DA-1.1 TO DA)
SCALE: HOR: 1"=50'
VER: 1"=5'

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation 'altered by' followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	REVISIONS	DATE	BY
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30 LEFT BRIDGE LANE EAST
ROSELAND, NEW YORK 11450
PHONE 516-377-7380
FAX 516-377-7389
WWW.BMEARC.COM



LEHIGH RIDGE
TOWN OF HERBERTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE, NY 12111
AVON, NEW YORK 14414

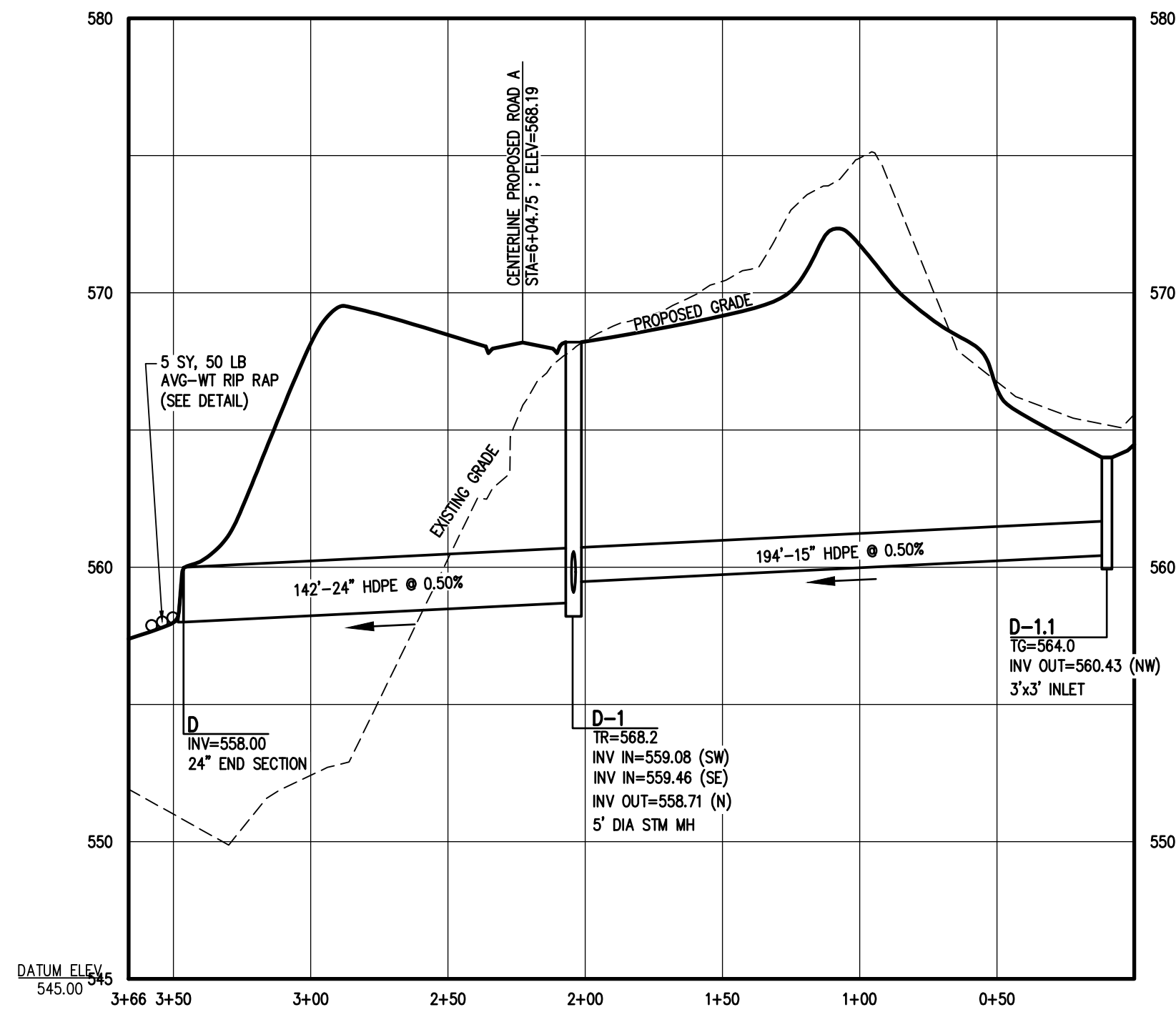
FINAL SECTION 1 PROFILE SHEET

PROJECT LOCATION CLIENT DRAWING TITLE

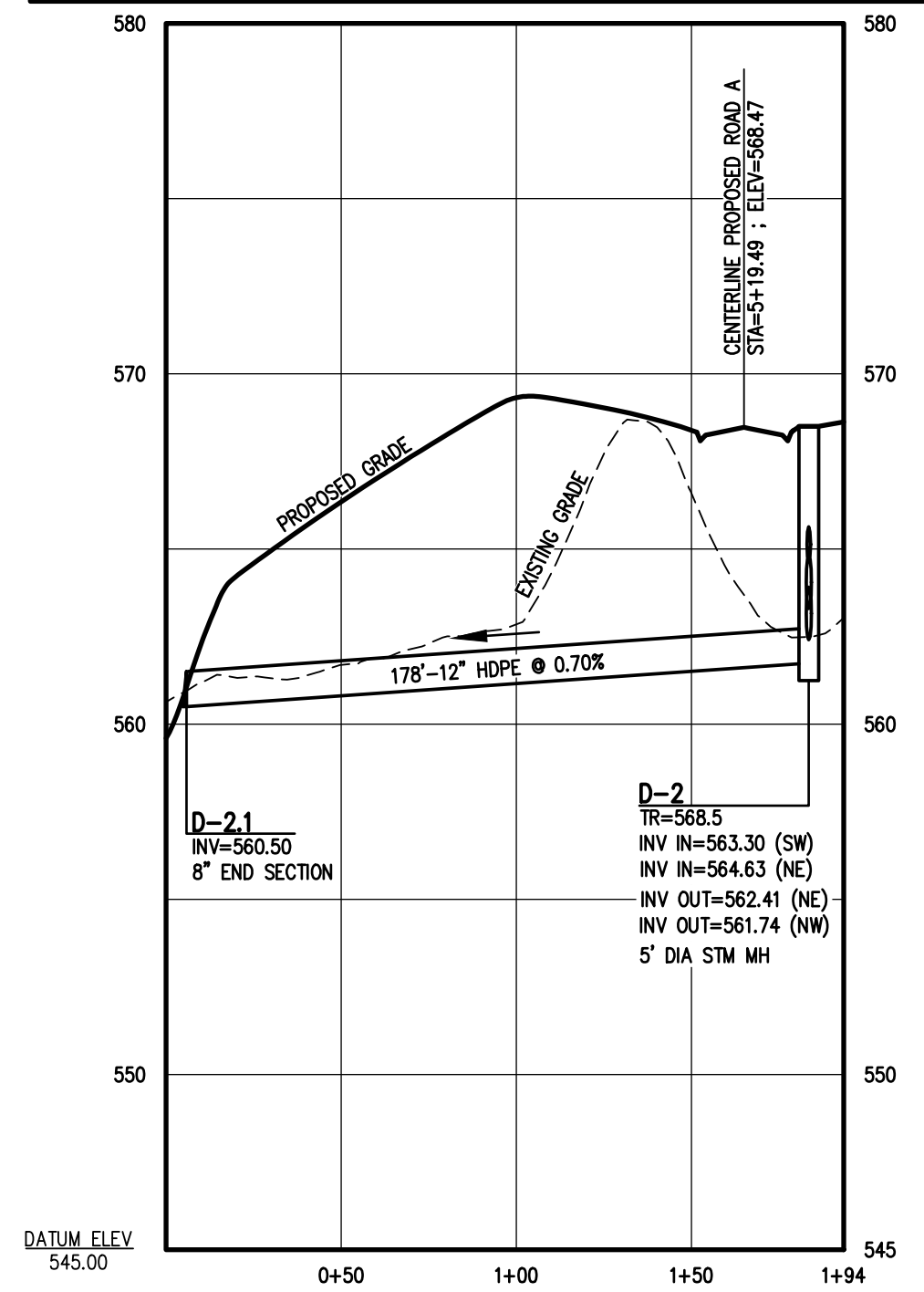
PROJECT MANAGER	DATE
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PROJECT ENGINEER	
DRAWN BY	
AN D'ANGELO	
SCALE	DATE ISSUED
AS SHOWN	AUGUST 15, 2023
PROJECT NO.	

THE CONTRACTOR SHALL REFERENCE THE EMPIRE PIPELINE ENCROACHMENT MANUAL FOR GUIDELINES ON CONSTRUCTION ACTIVITIES WITHIN THE EMPIRE AND RG&E RIGHT-OF-WAYS.

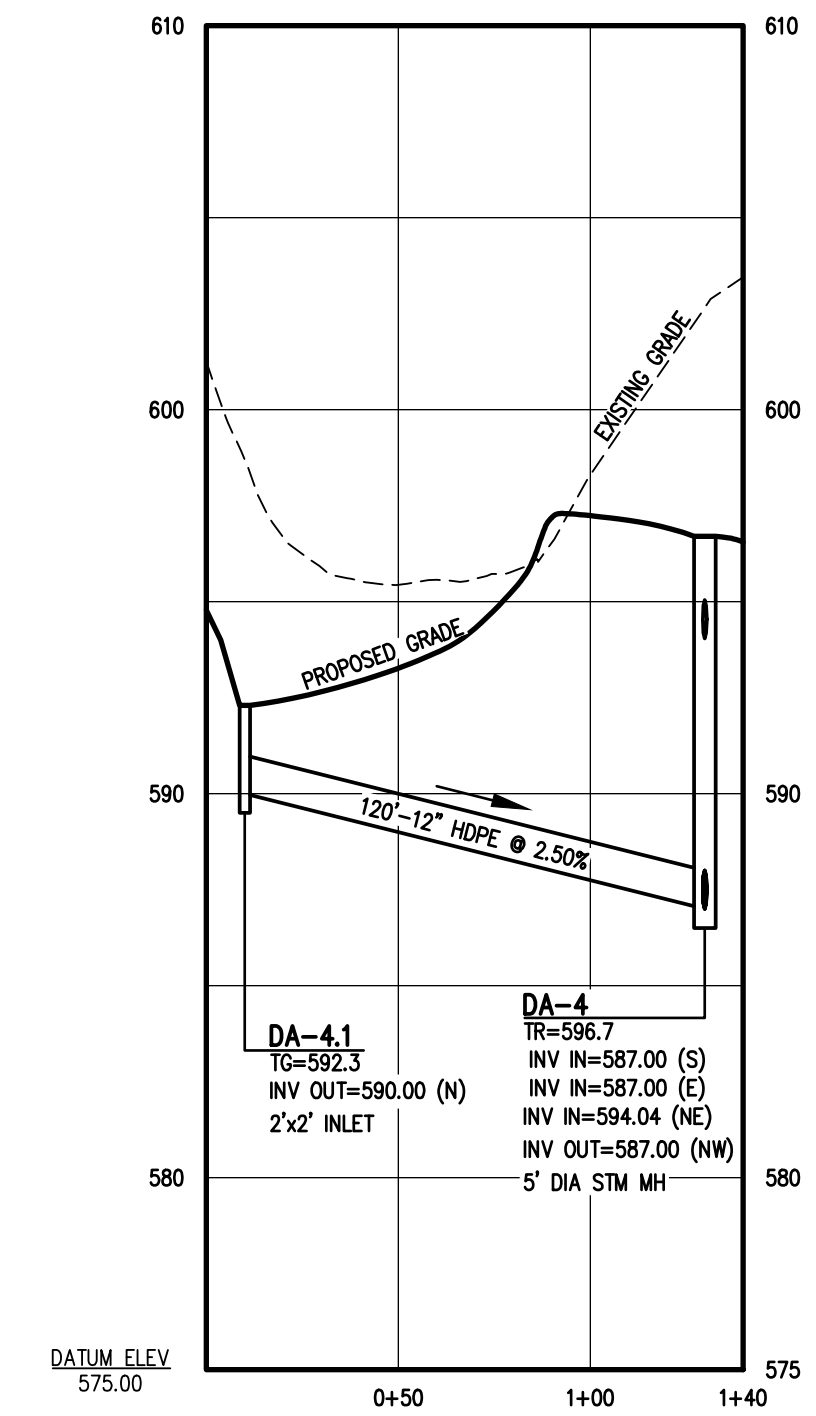
Drawing Alteration
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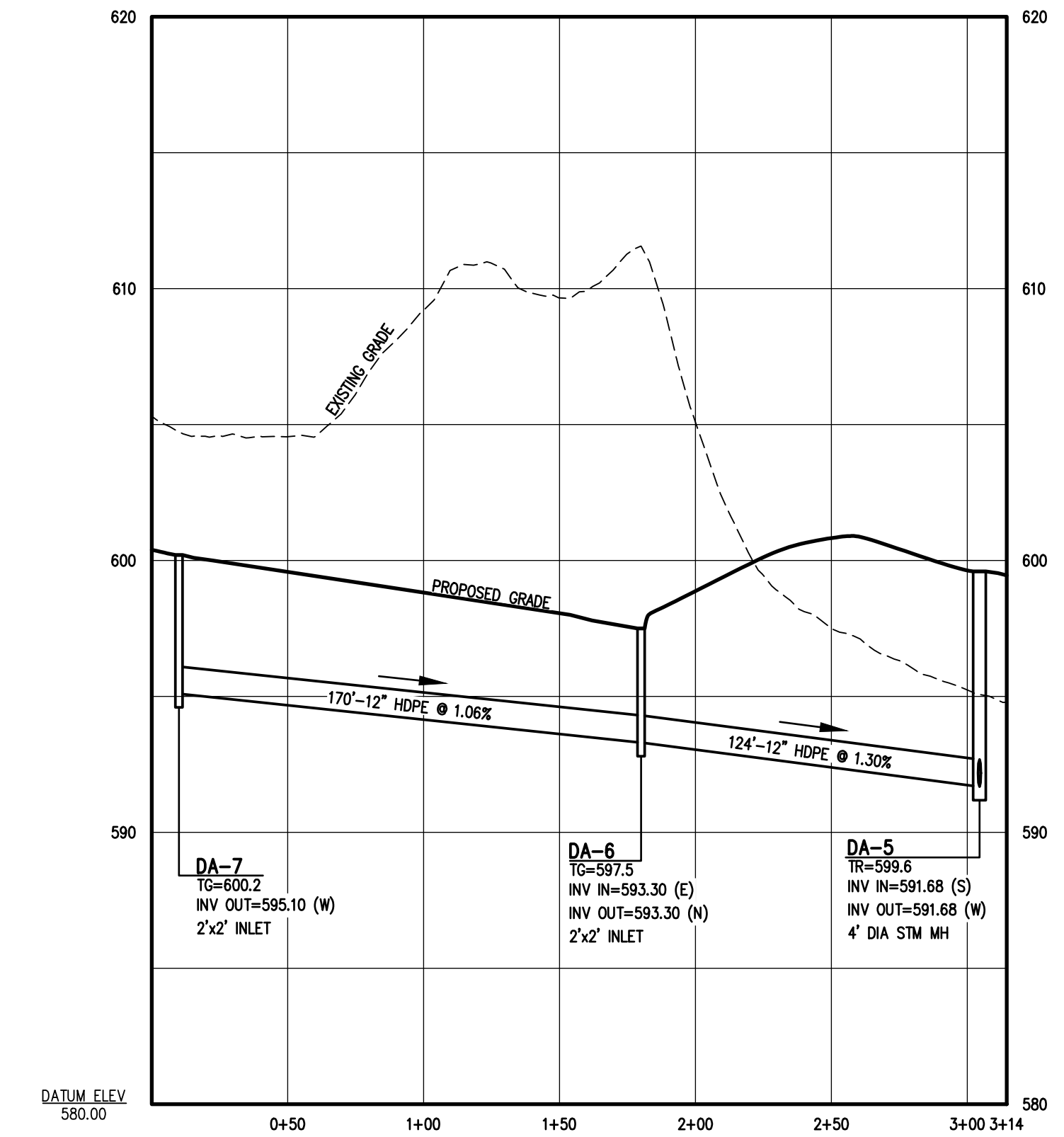
PROPOSED STORM SEWER PROFILE (D-1.1 TO D)
SCALE: HOR: 1"=50'
VER: 1"=5'



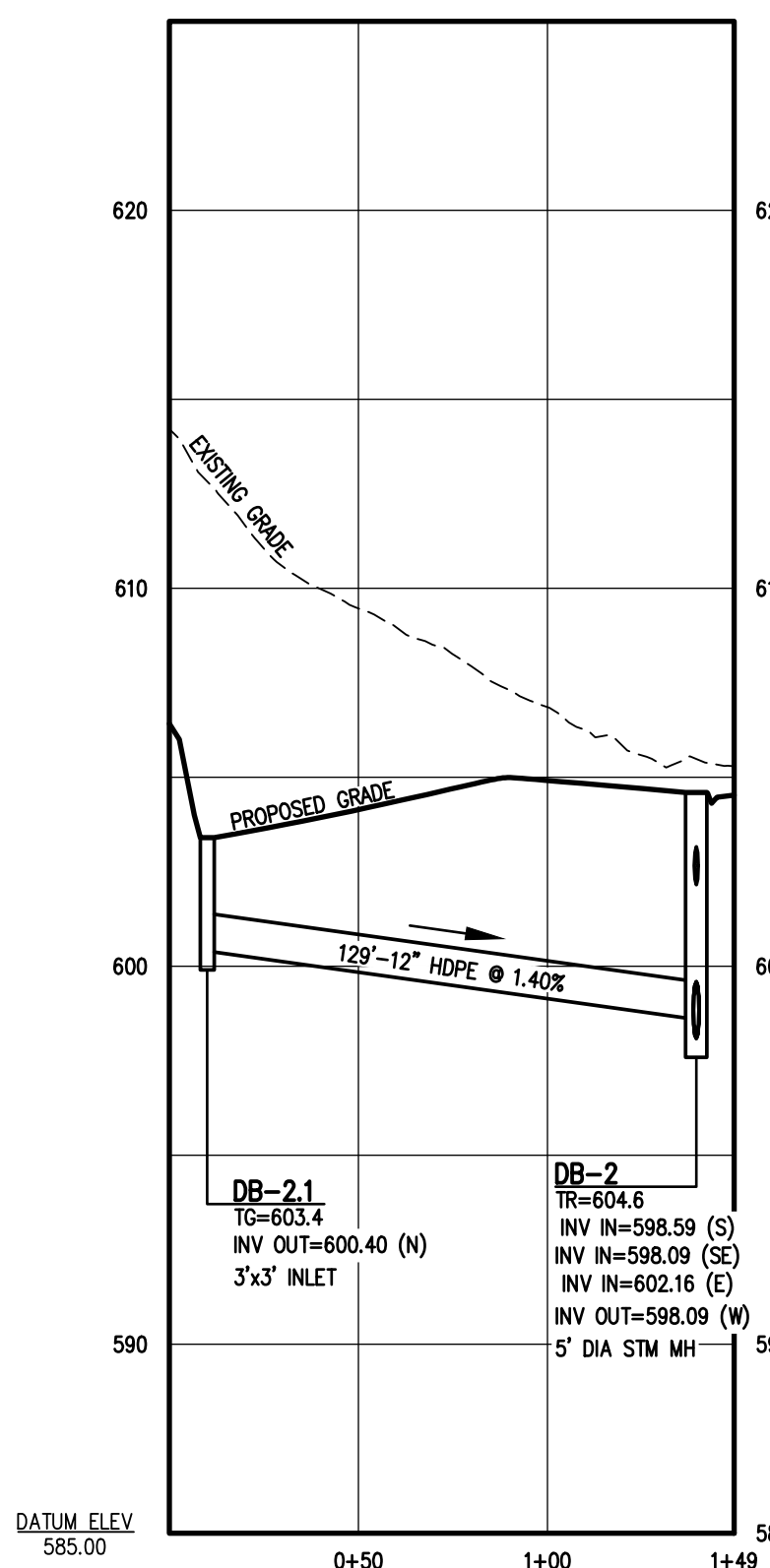
PROPOSED STORM SEWER PROFILE (D-2.1 TO D-2)
SCALE: HOR: 1"=50'
VER: 1"=5'



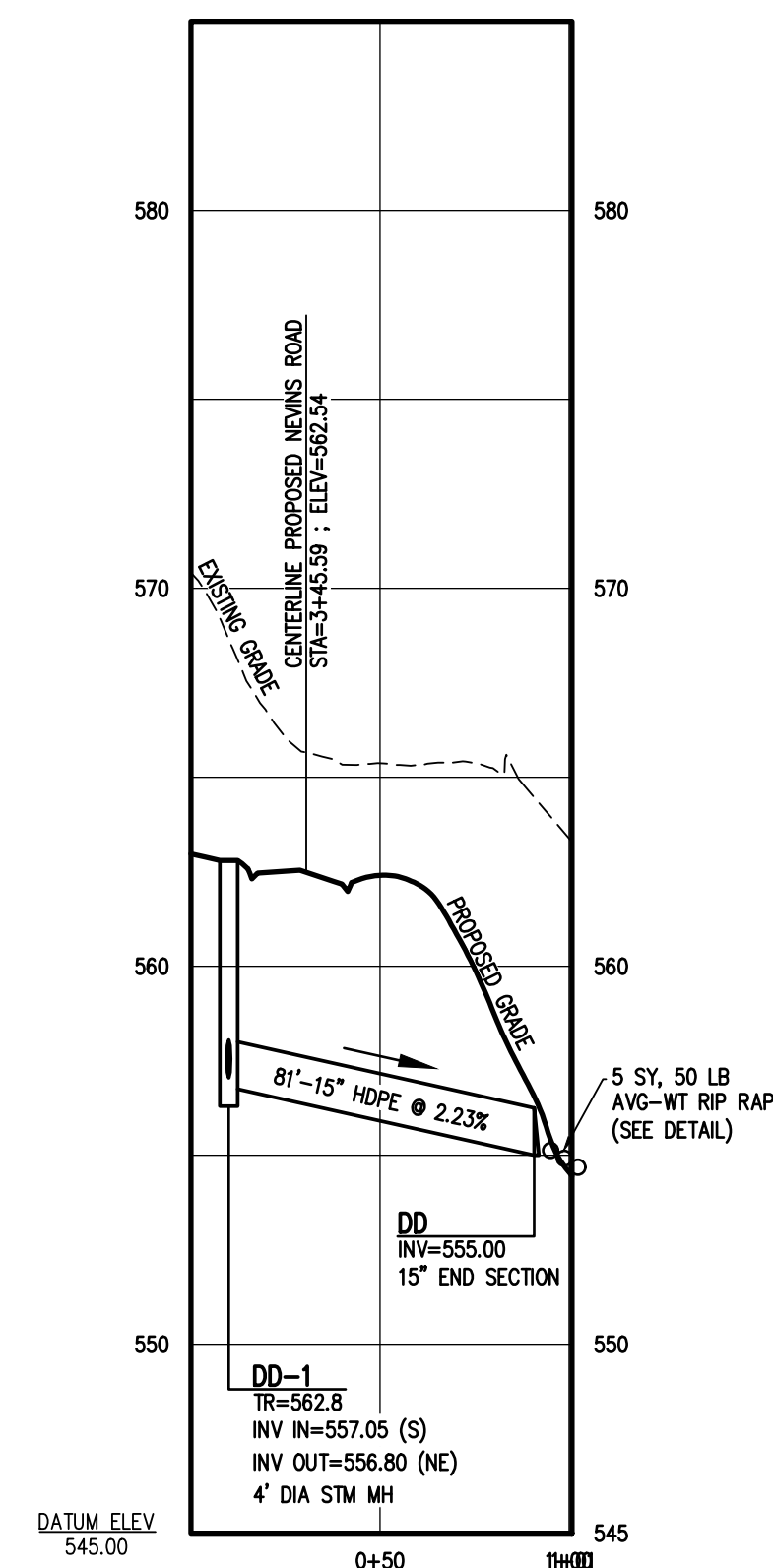
PROPOSED STORM SEWER PROFILE (DA-4.1 TO DA-4)
SCALE: HOR: 1"=50'
VER: 1"=5'



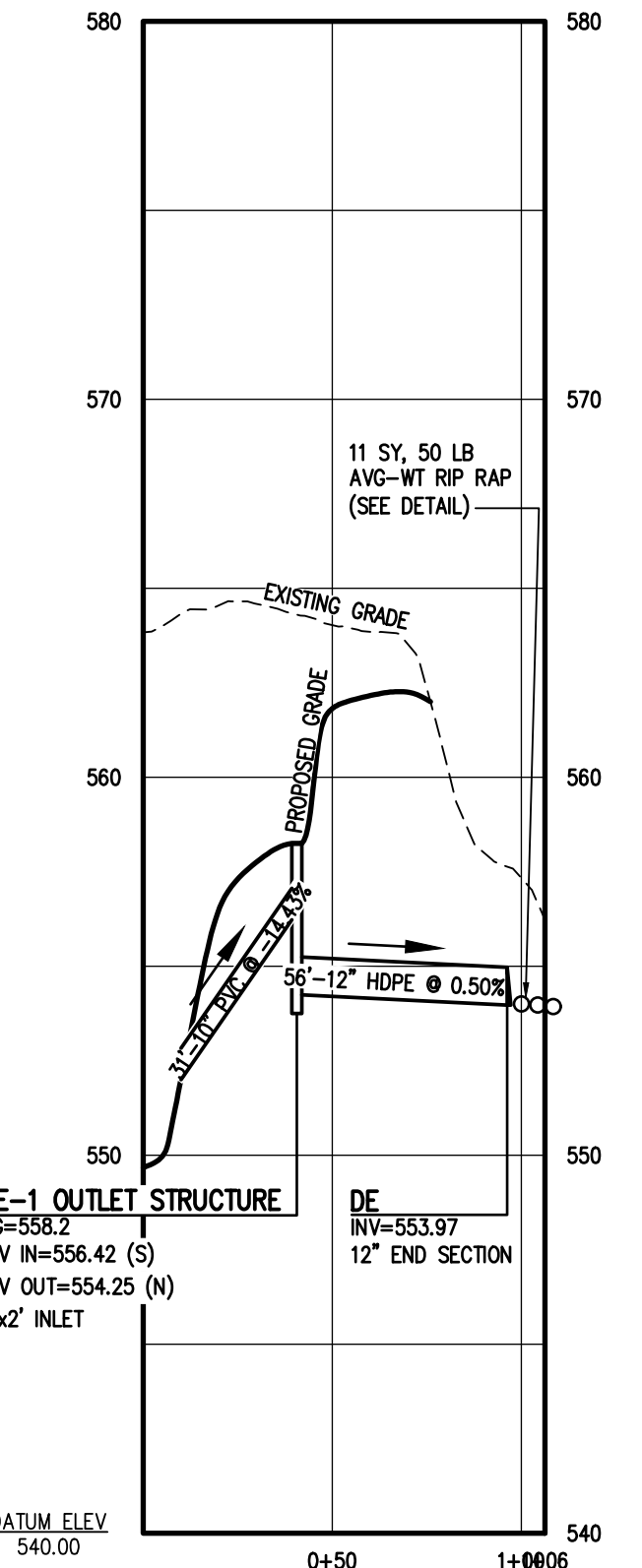
PROPOSED STORM SEWER PROFILE (DA-7 TO DA-5)
SCALE: HOR: 1"=50'
VER: 1"=5'



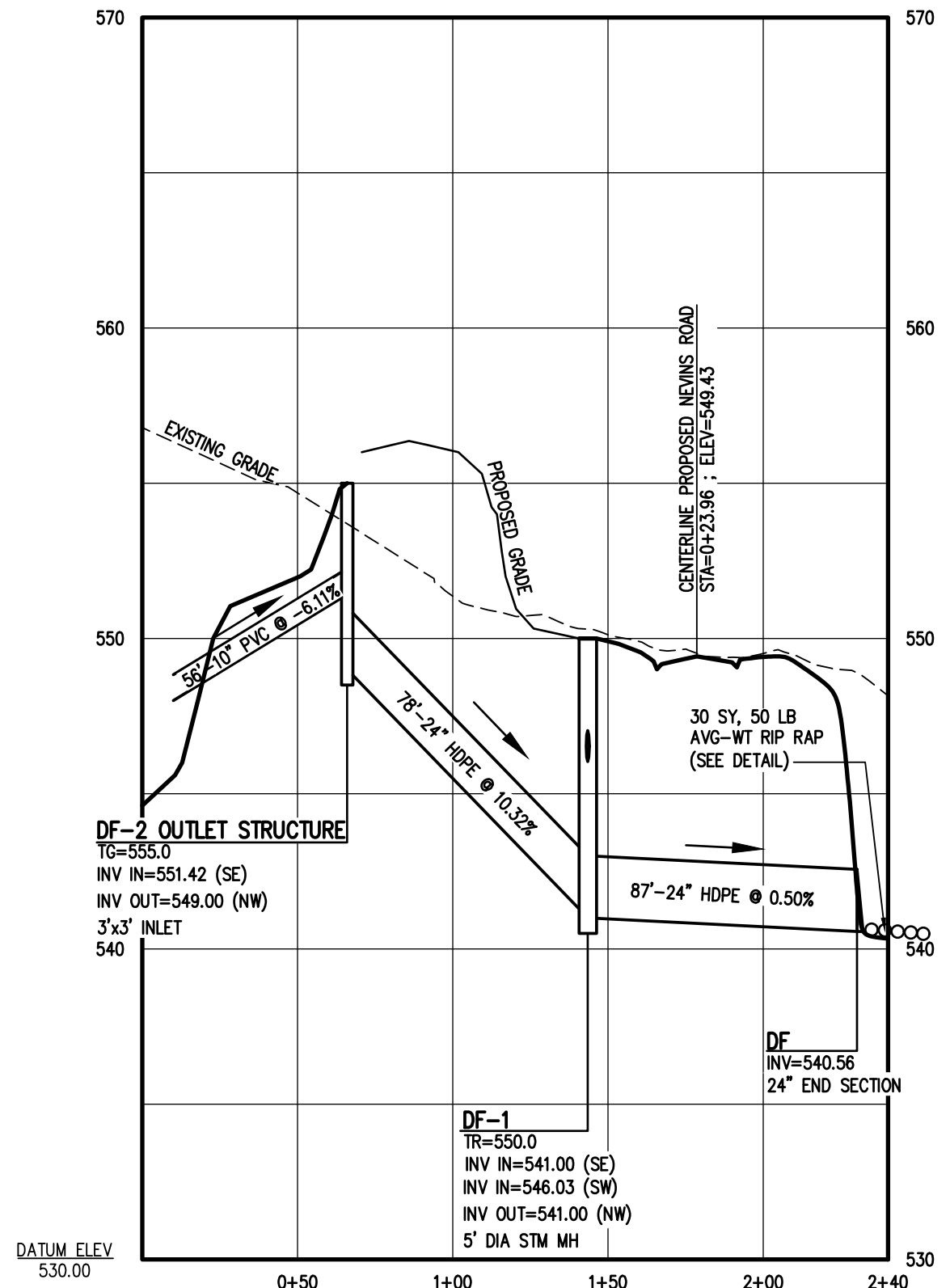
PROPOSED STORM SEWER PROFILE (DB-2.1 TO DB-2)
SCALE: HOR: 1"=50'
VER: 1"=5'



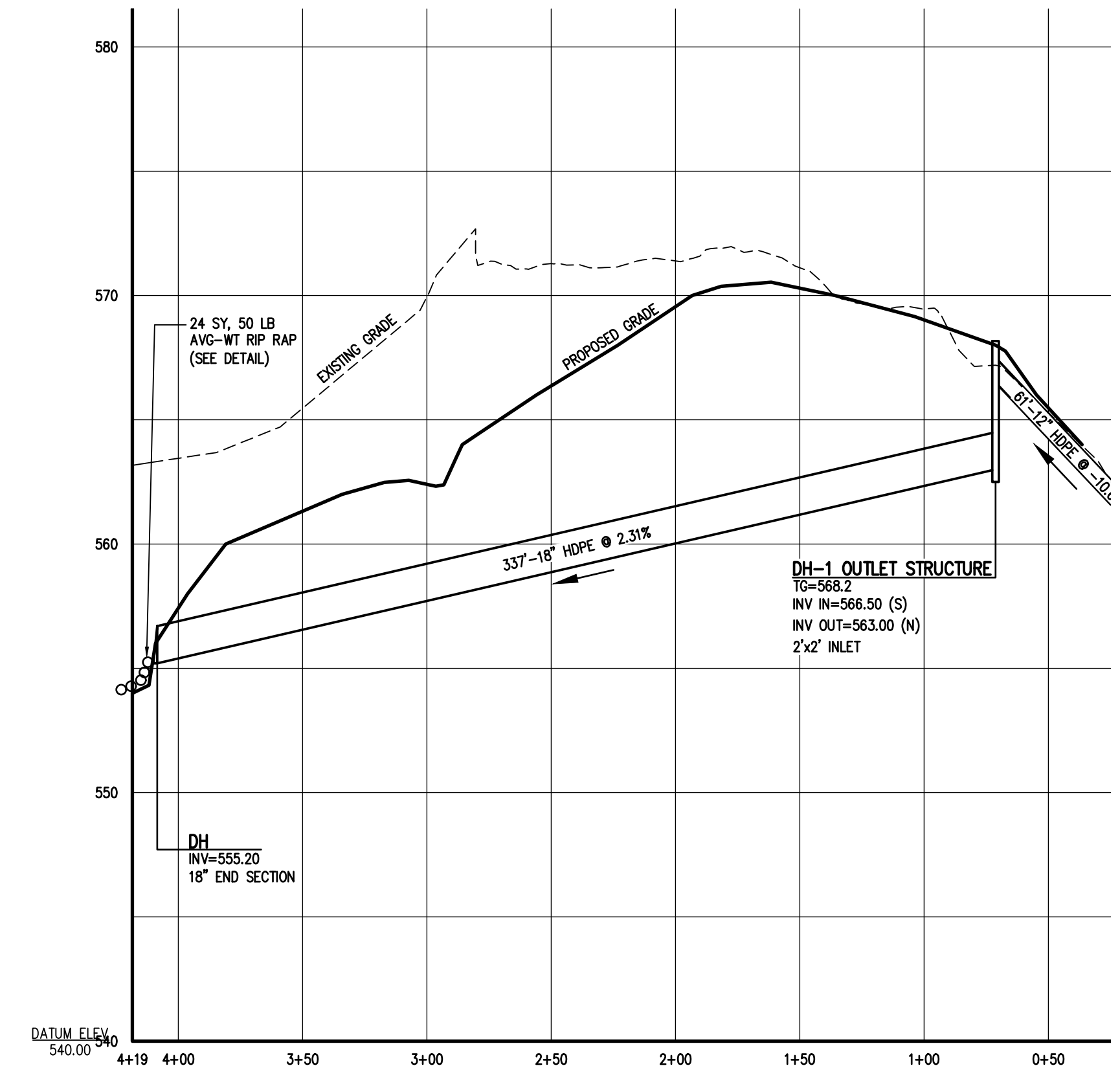
PROPOSED STORM SEWER PROFILE (DD-1 TO DD)
SCALE: HOR: 1"=50'
VER: 1"=5'



PROPOSED STORM SEWER PROFILE (DE-1 TO DE)
SCALE: HOR: 1"=50'
VER: 1"=5'



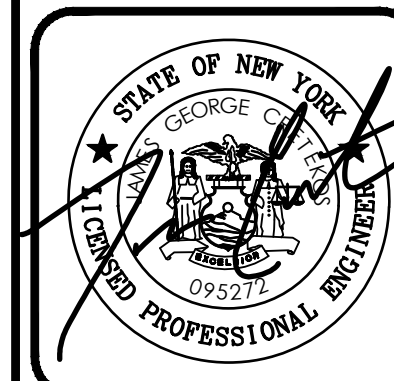
PROPOSED STORM SEWER PROFILE (DF-1 TO DF)
SCALE: HOR: 1"=50'
VER: 1"=5'



PROPOSED STORM SEWER PROFILE (DH-1 TO DH)
SCALE: HOR: 1"=50'
VER: 1"=5'

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BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
PHONE 955-377-7380
FAX 955-377-7385
WWW.BMEARC.COM

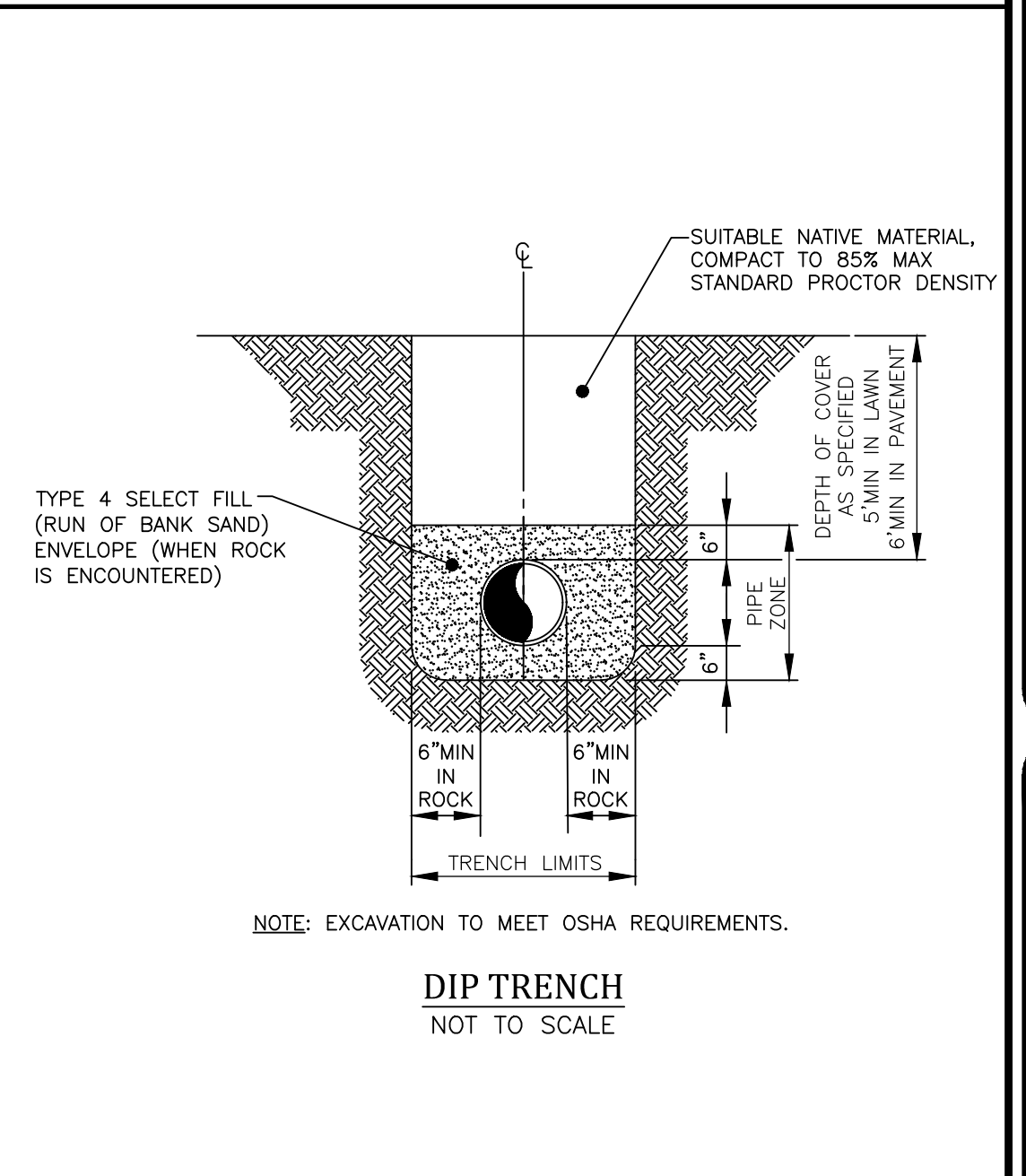
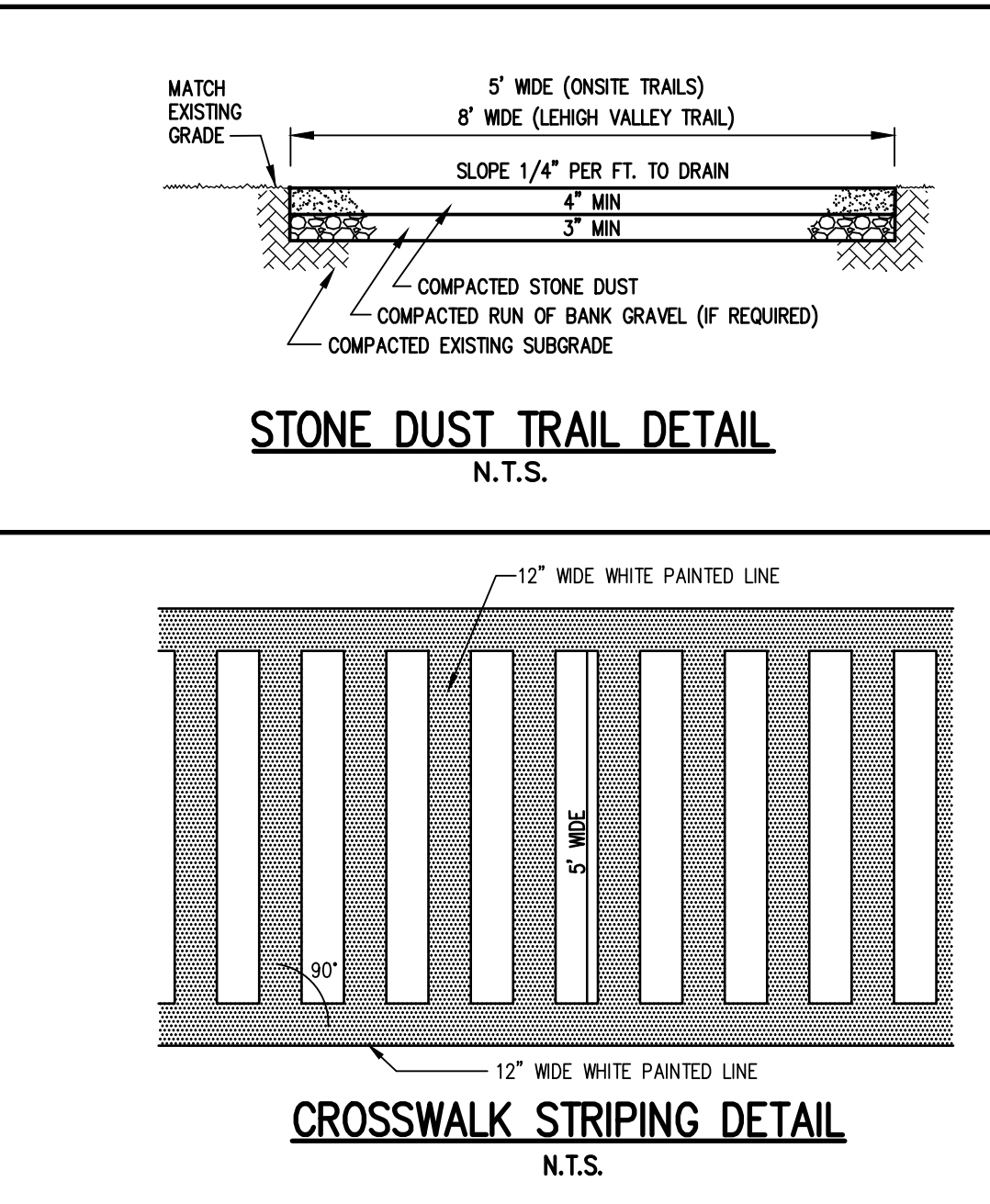
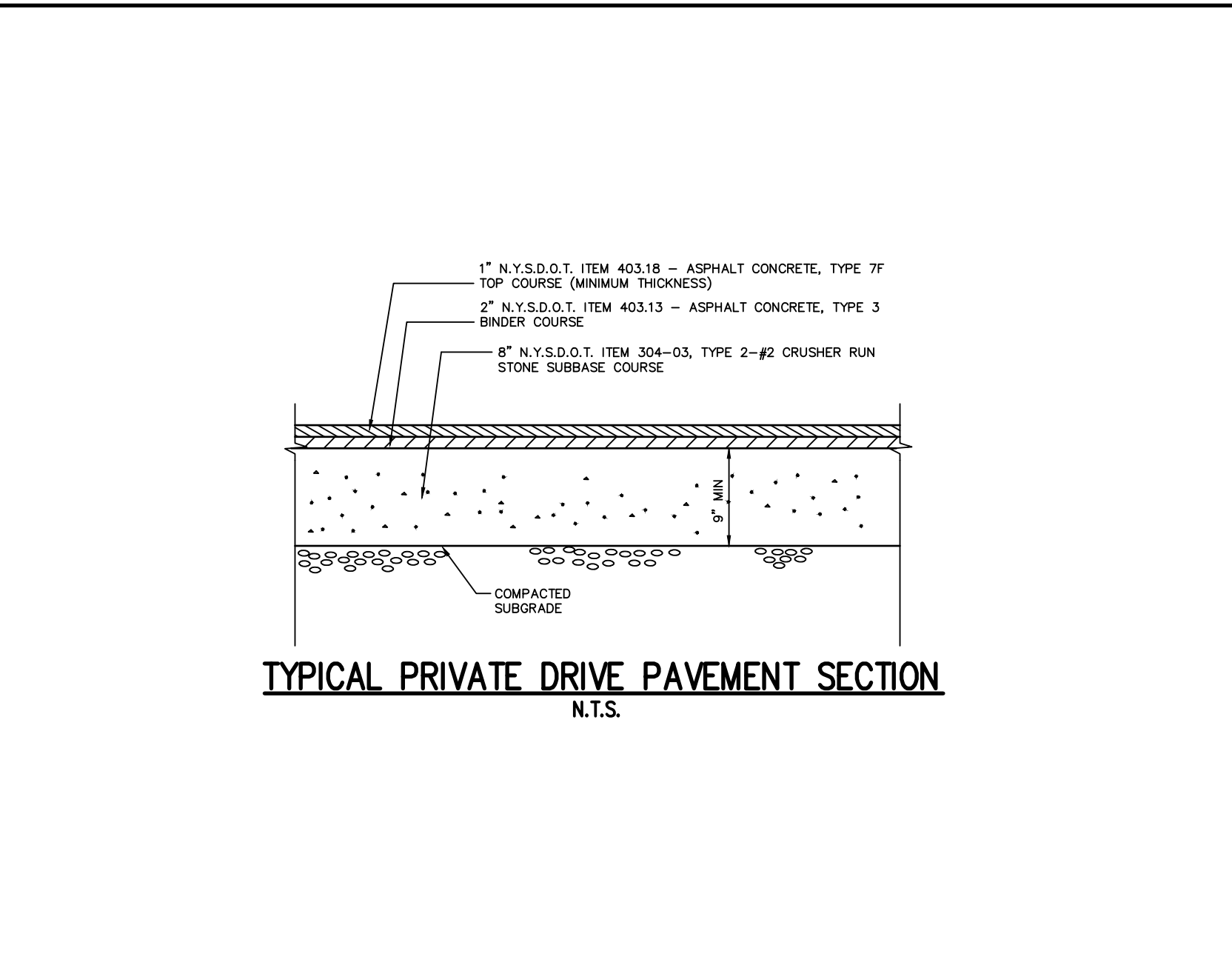
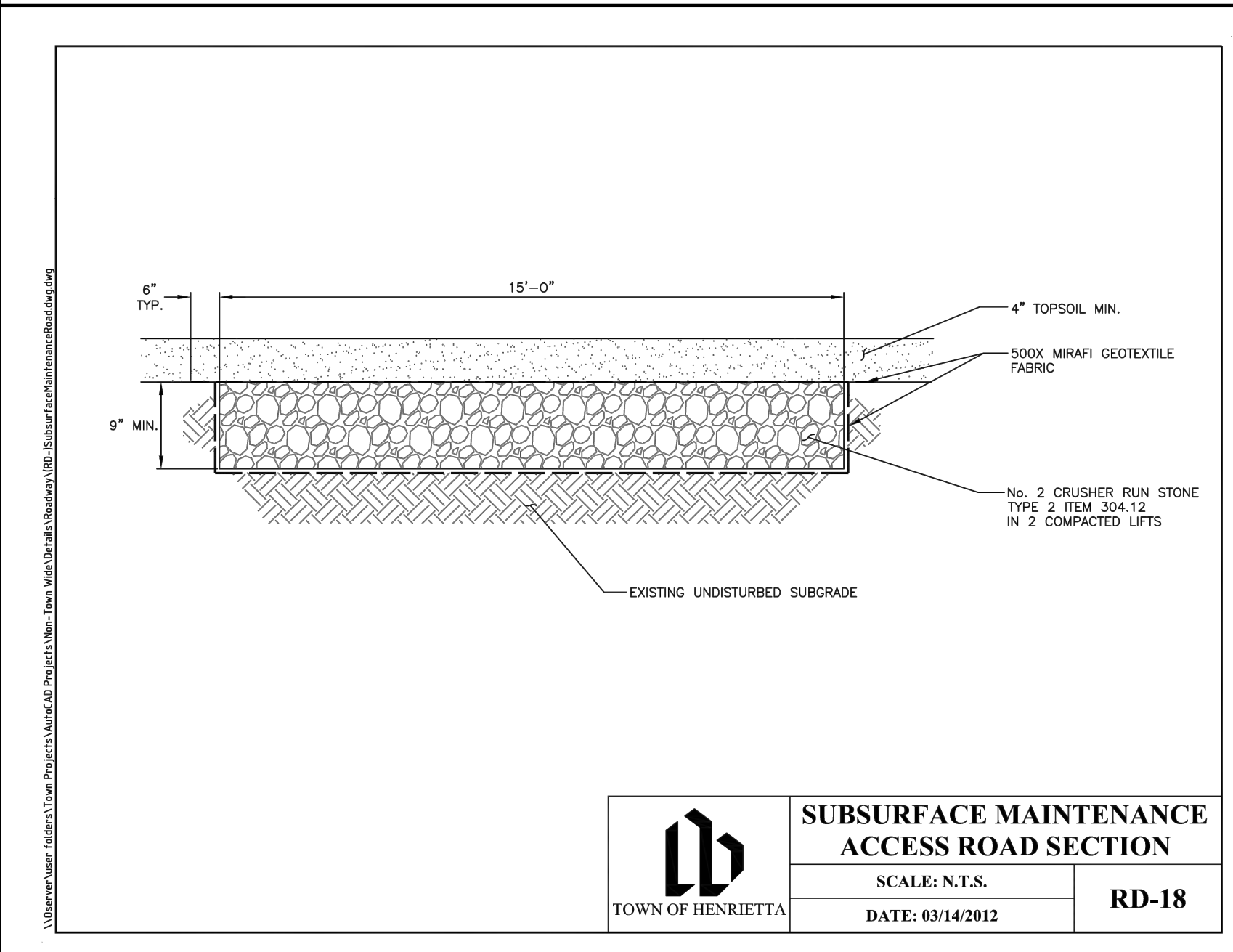
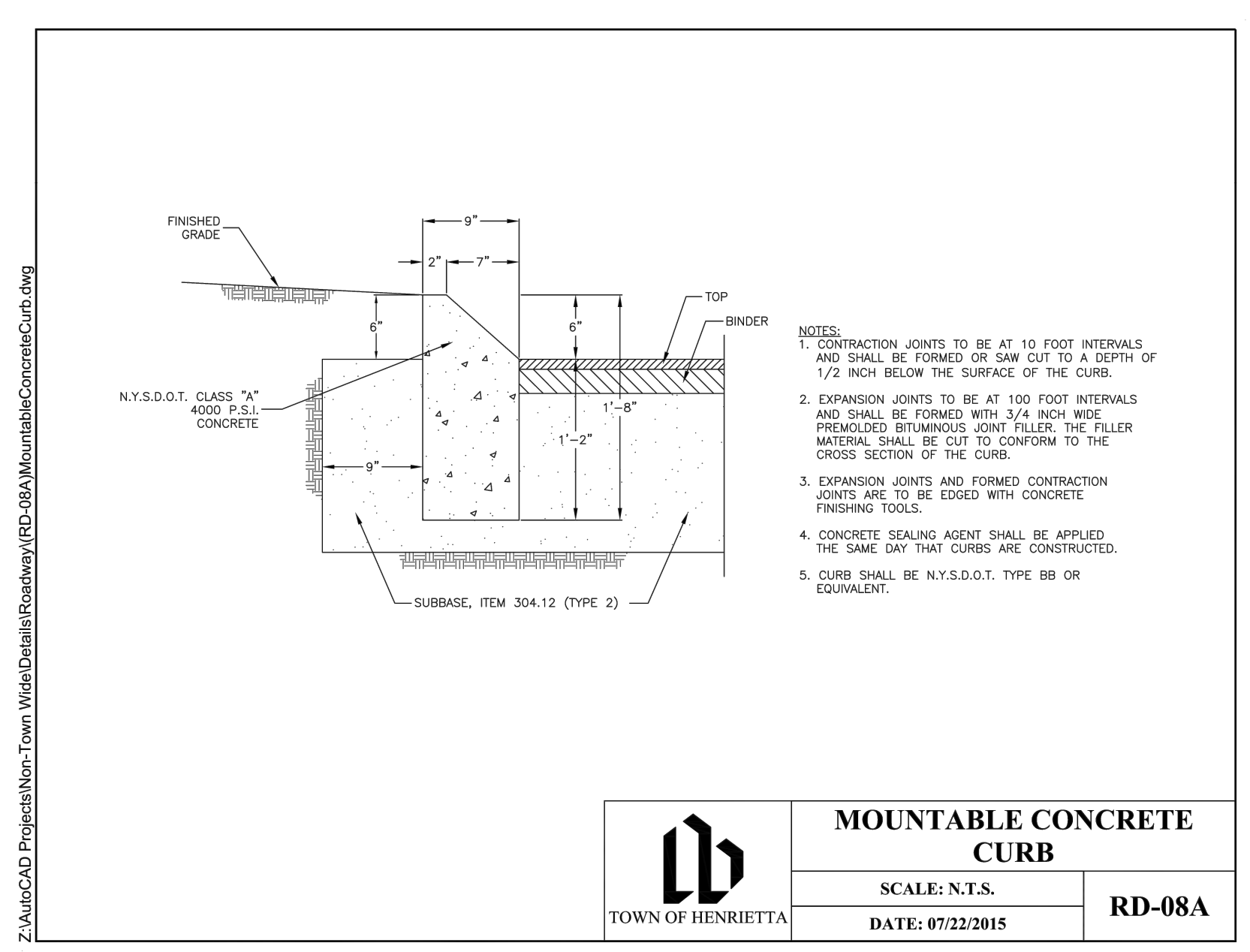
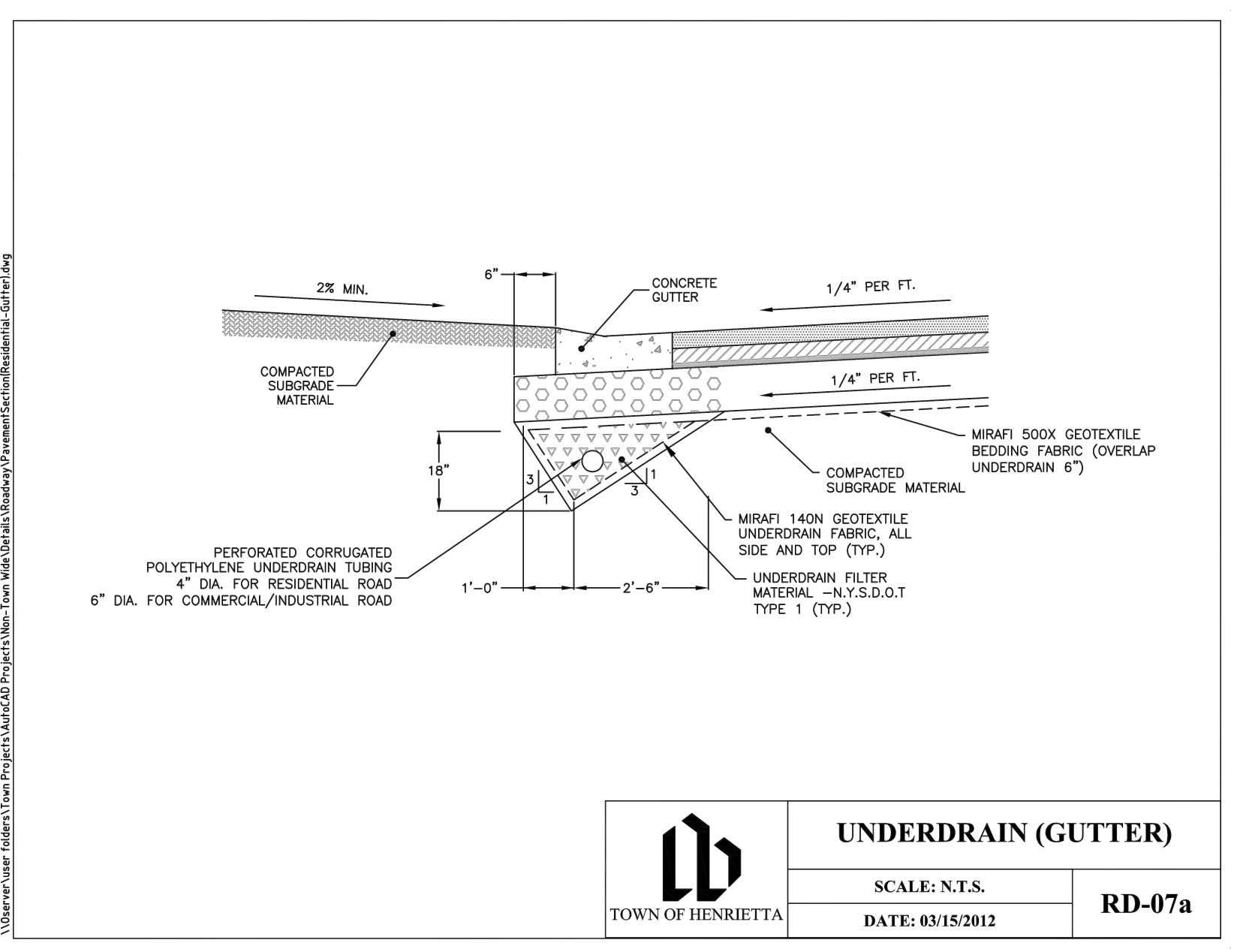
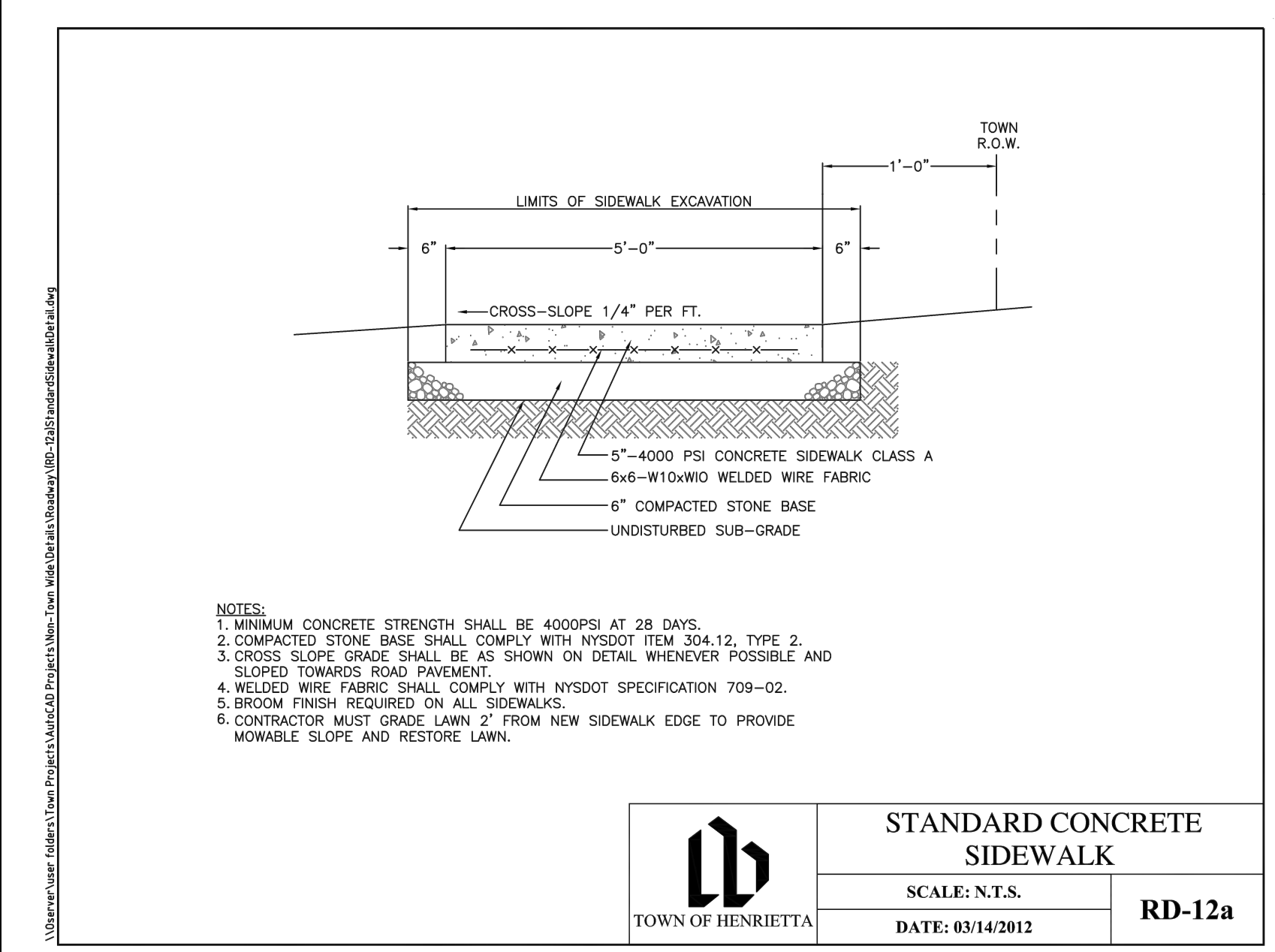
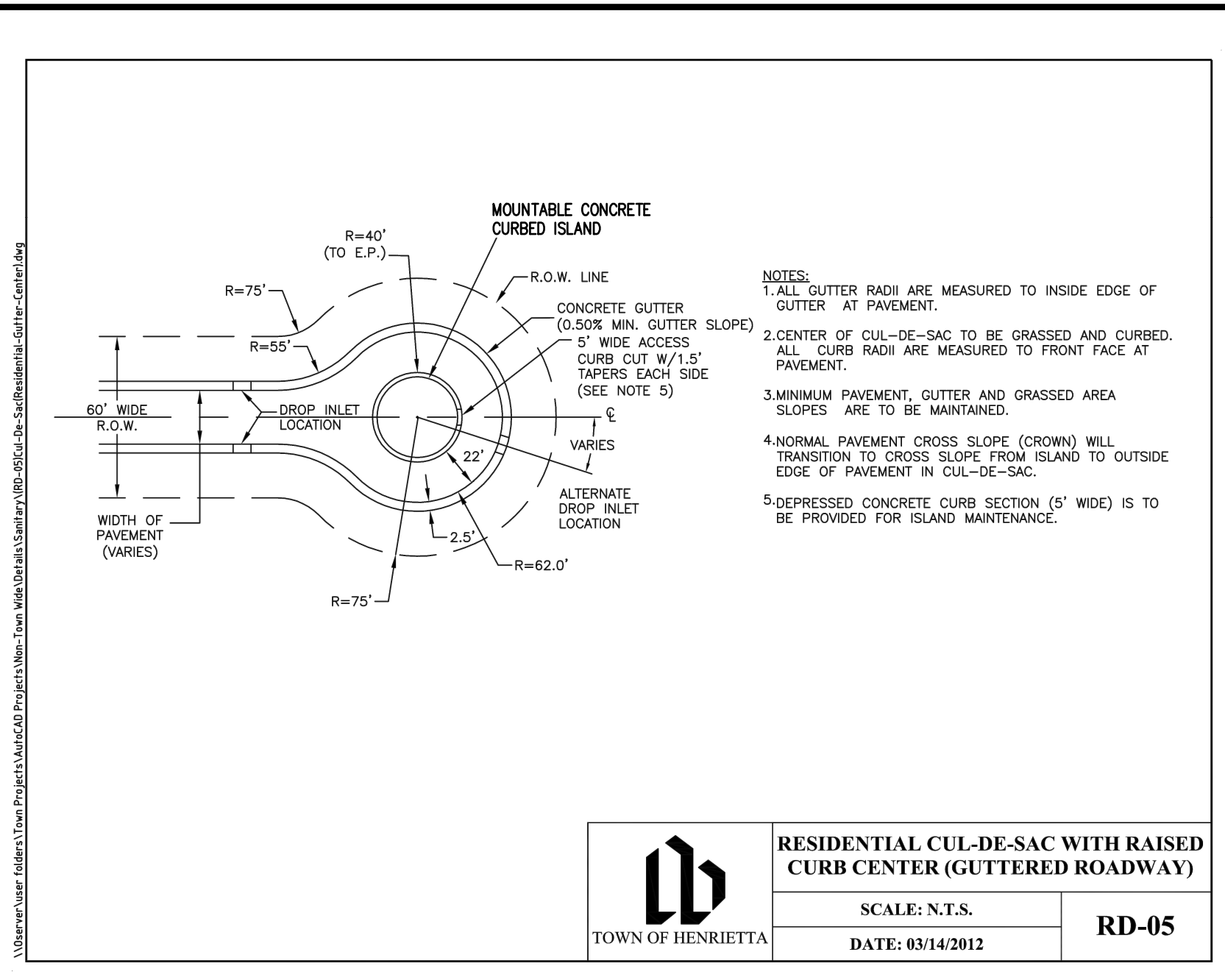
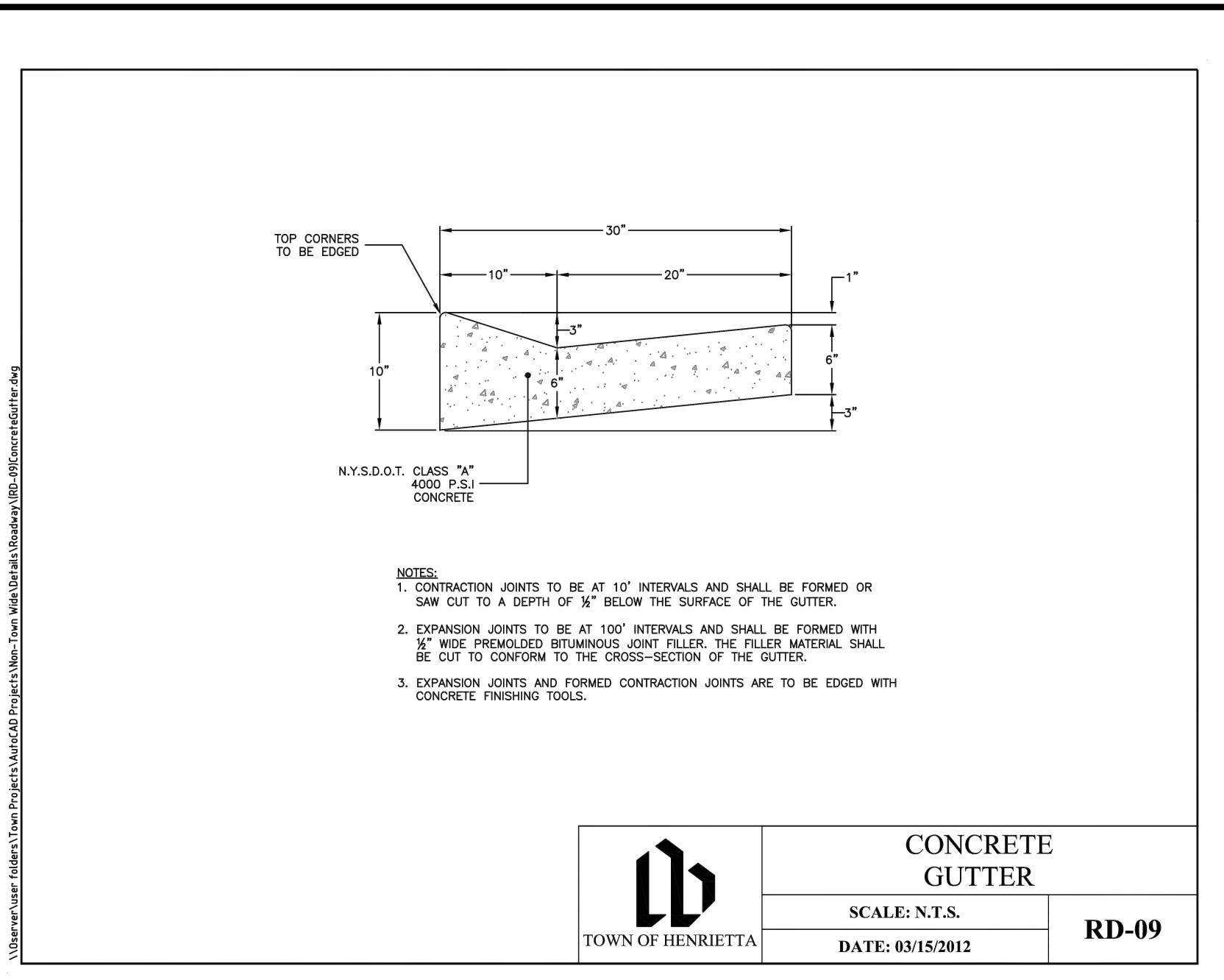
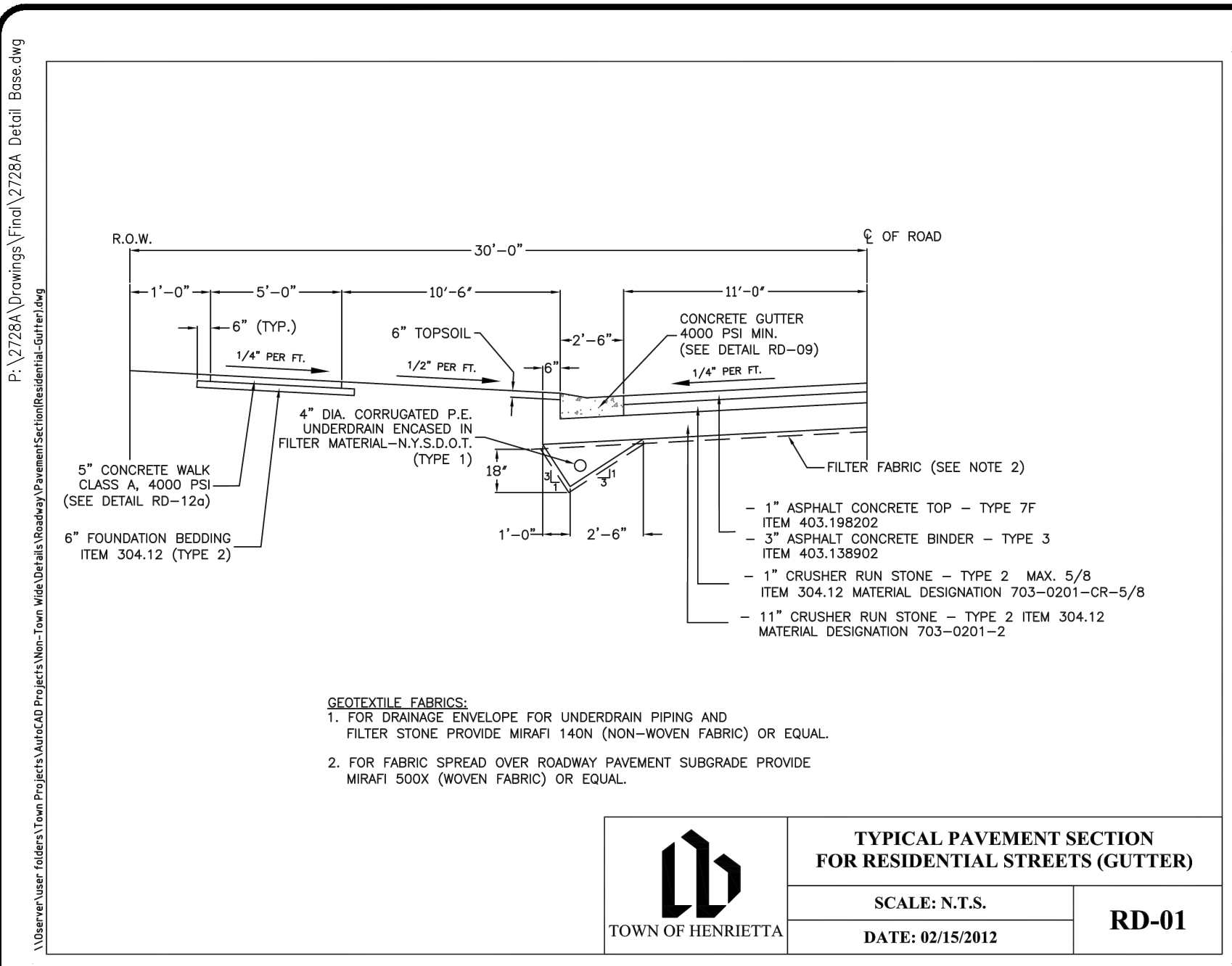


LEHIGH RIDGE
TOWN OF HERBERTA, MORRIS COUNTY, NEW YORK STATE
LEHRWOOD ESTIMATES, LLC
AVON, NEW YORK 14414

PROJECT LOCATION CLIENT DRAWING TITLE

FINAL SECTION 1
PROFILE SHEET

PROJECT MANAGER DATE
PG VARS
PROJECT ENGINEER DATE
DRAWN BY DATE
AN D'ANGELO
SCALE DATE ISSUED
AS SHOWN AUGUST 15, 2023
PROJECT NO.
2728A
DRAWING NO.
33
(SHEET 4 OF 4)



NO.	REVISIONS	DATE	BY
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BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS

10 LEBRONGUE LANE EAST
LEWISBURG, NY 14860
WWW.BMEARC.COM

PHONE 585-377-7580
FAX 585-377-7585

LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE

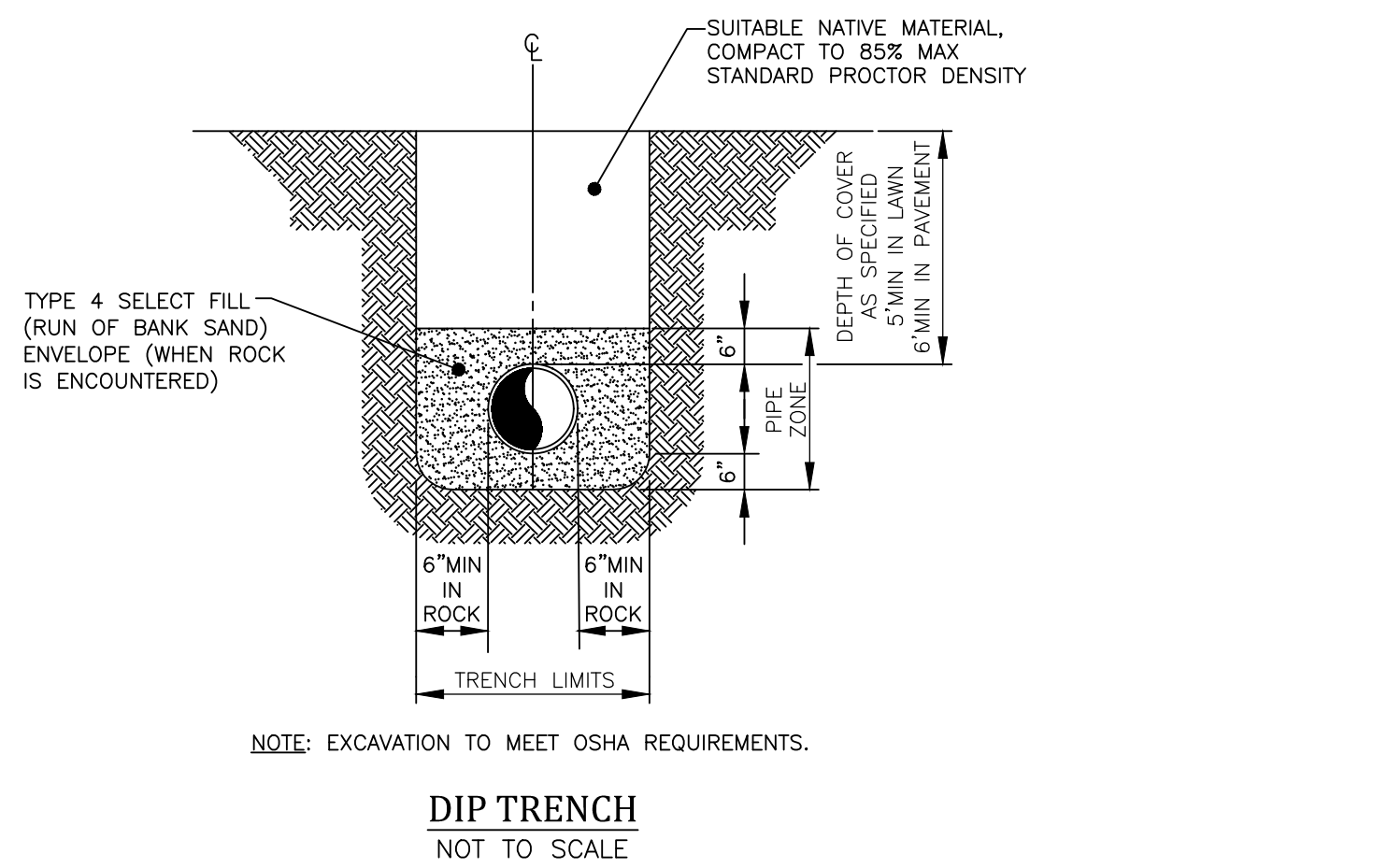
LEHIGH RIDGE DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

FINAL SECTION 1
DETAIL SHEET

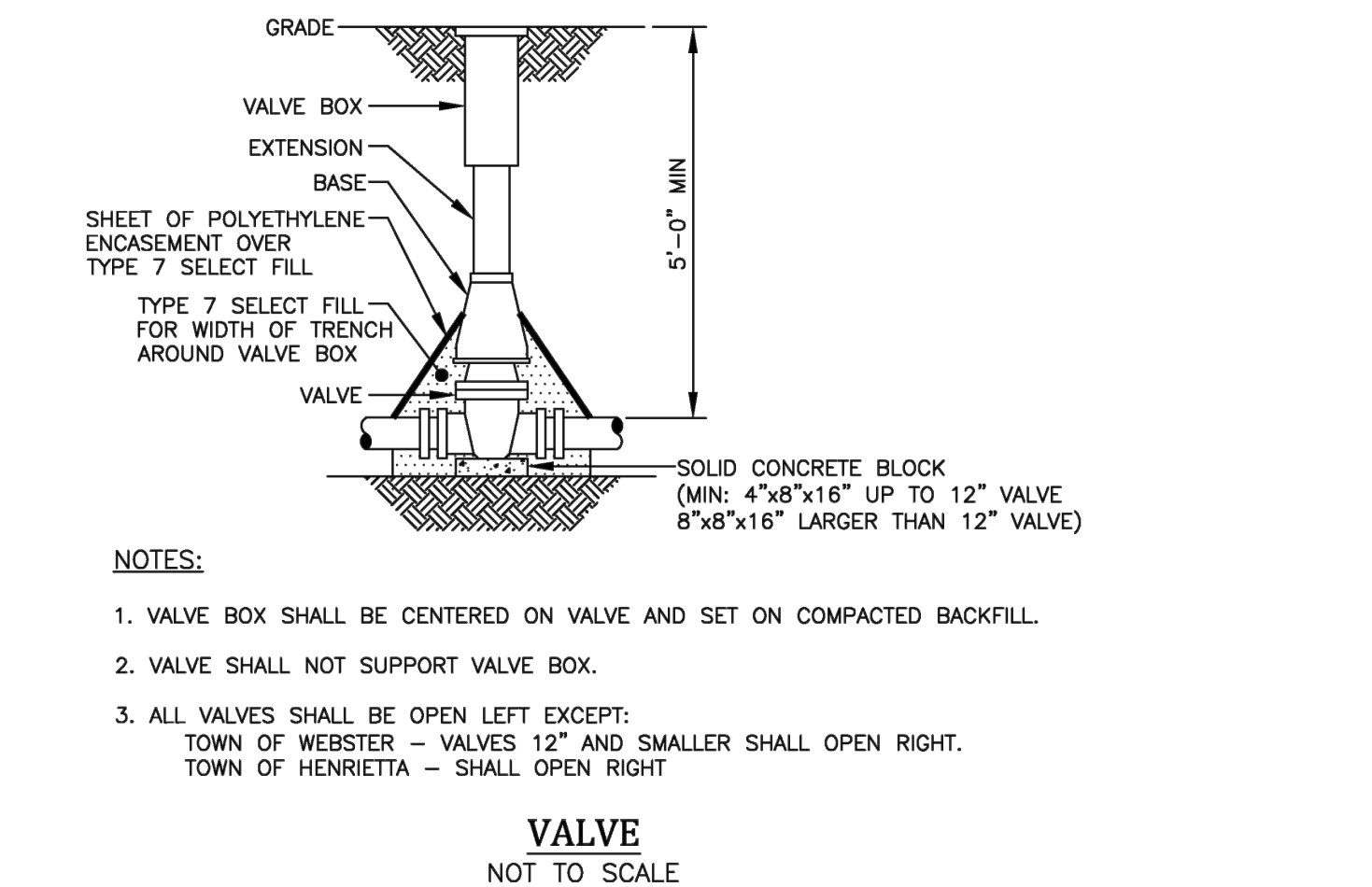
PROJECT	DATE
LOCATION	DATE
CLIENT	DATE
DRAWING TITLE	DATE

PROJECT MANAGER: PG VARS
PROJECT ENGINEER: JG CRETEKOS / AP BEYLER
DRAWN BY: AN D'ANGELO
SCALE: N/A
DATE ISSUED: AUGUST 15, 2023
PROJECT NO.: 2728A
DRAWING NO.: 34
(SHEET 1 OF 6)

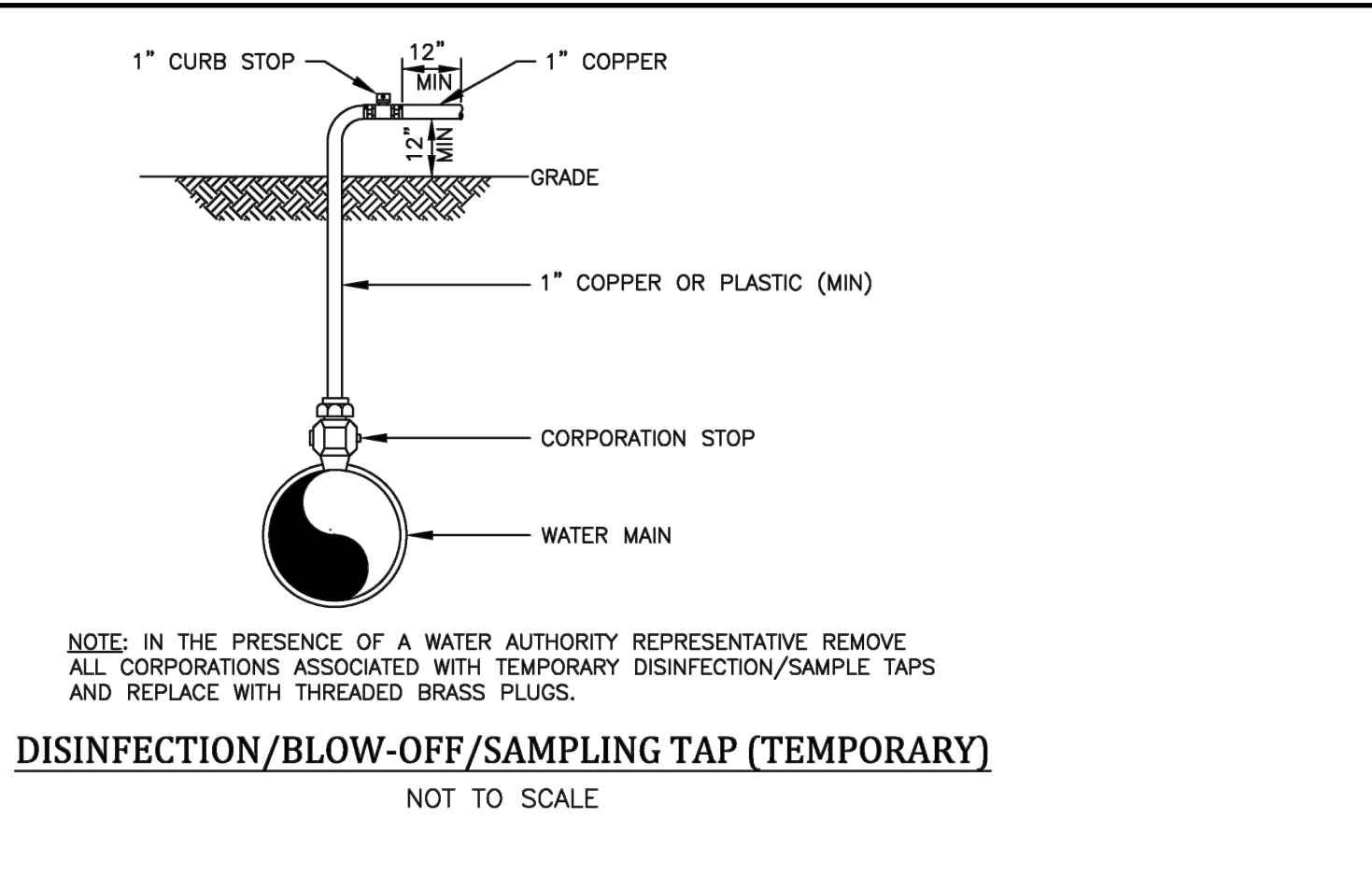
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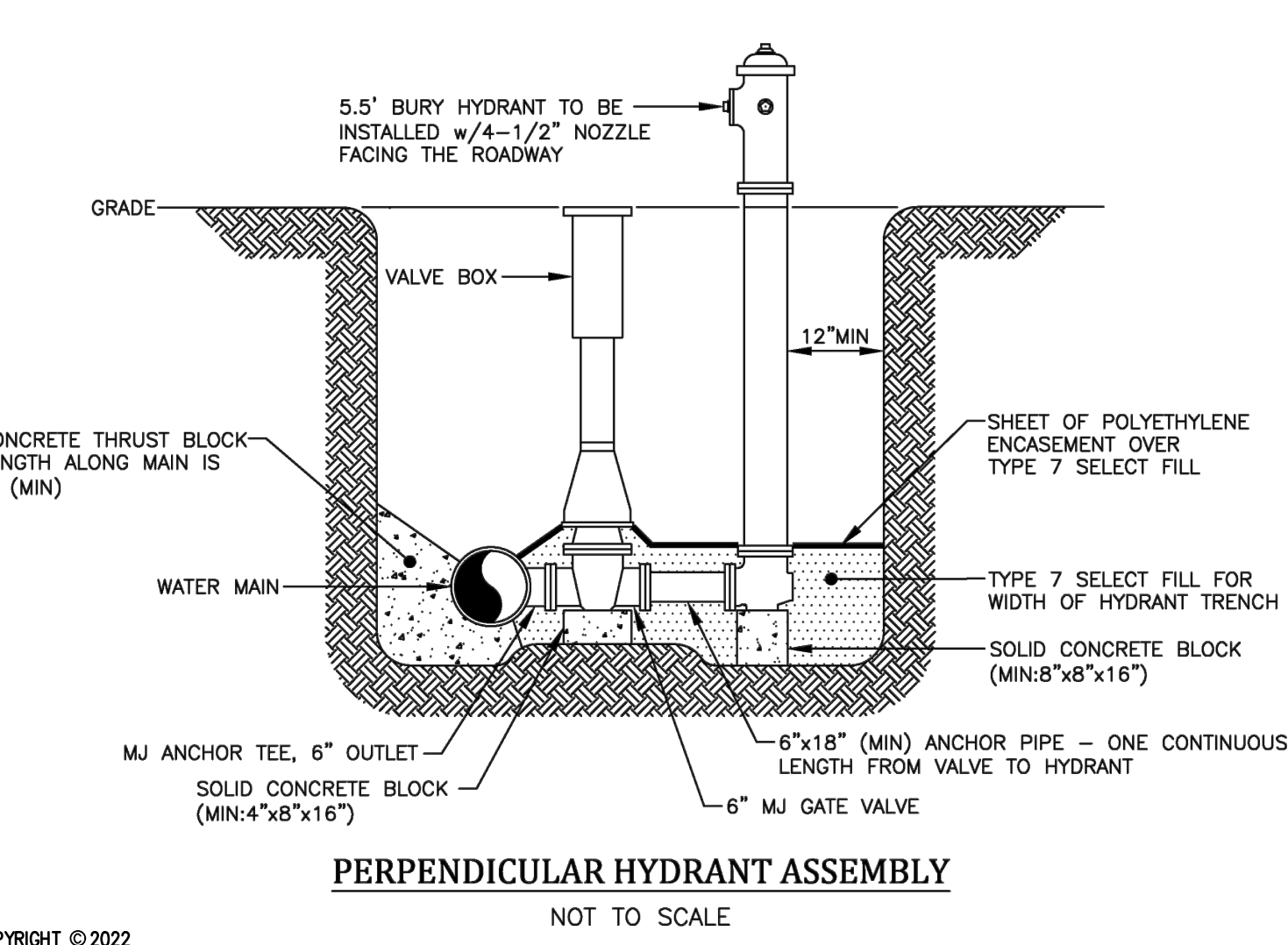
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NOT TO SCALE



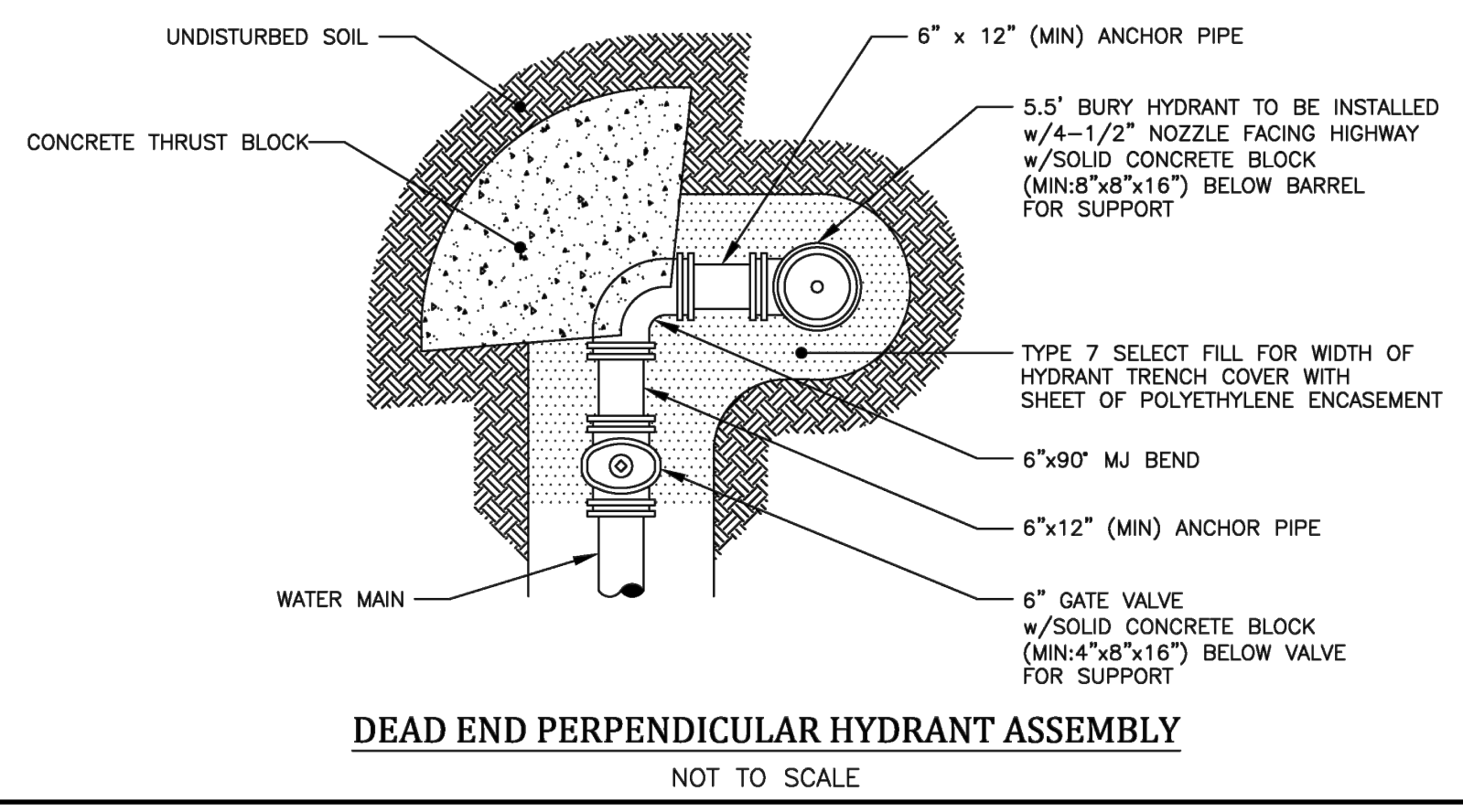
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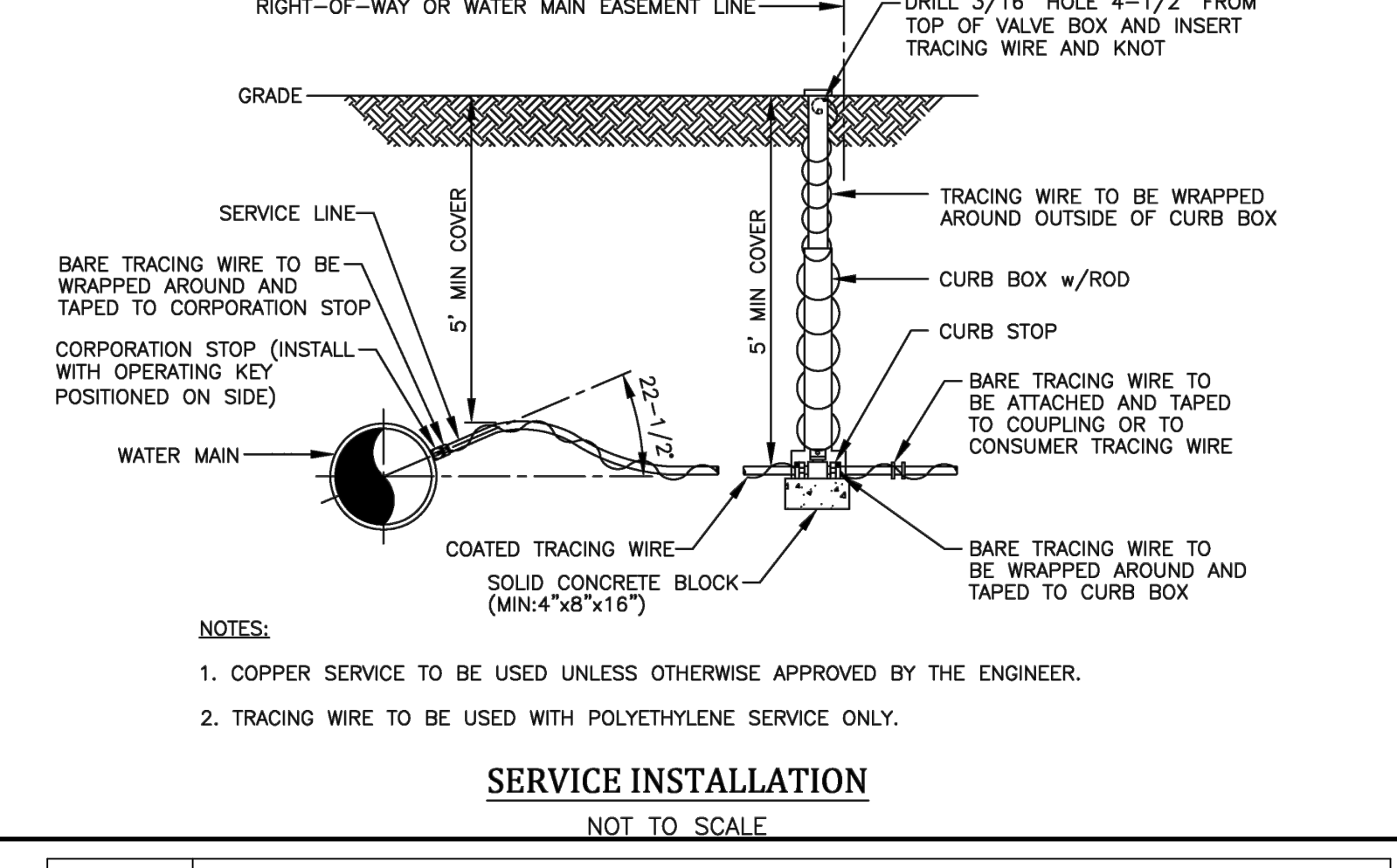
DISINFECTION/BLOW-OFF/SAMPLING TAP (TEMPORARY)
NOT TO SCALE



PERPENDICULAR HYDRANT ASSEMBLY
NOT TO SCALE



DEAD END PERPENDICULAR HYDRANT ASSEMBLY
NOT TO SCALE



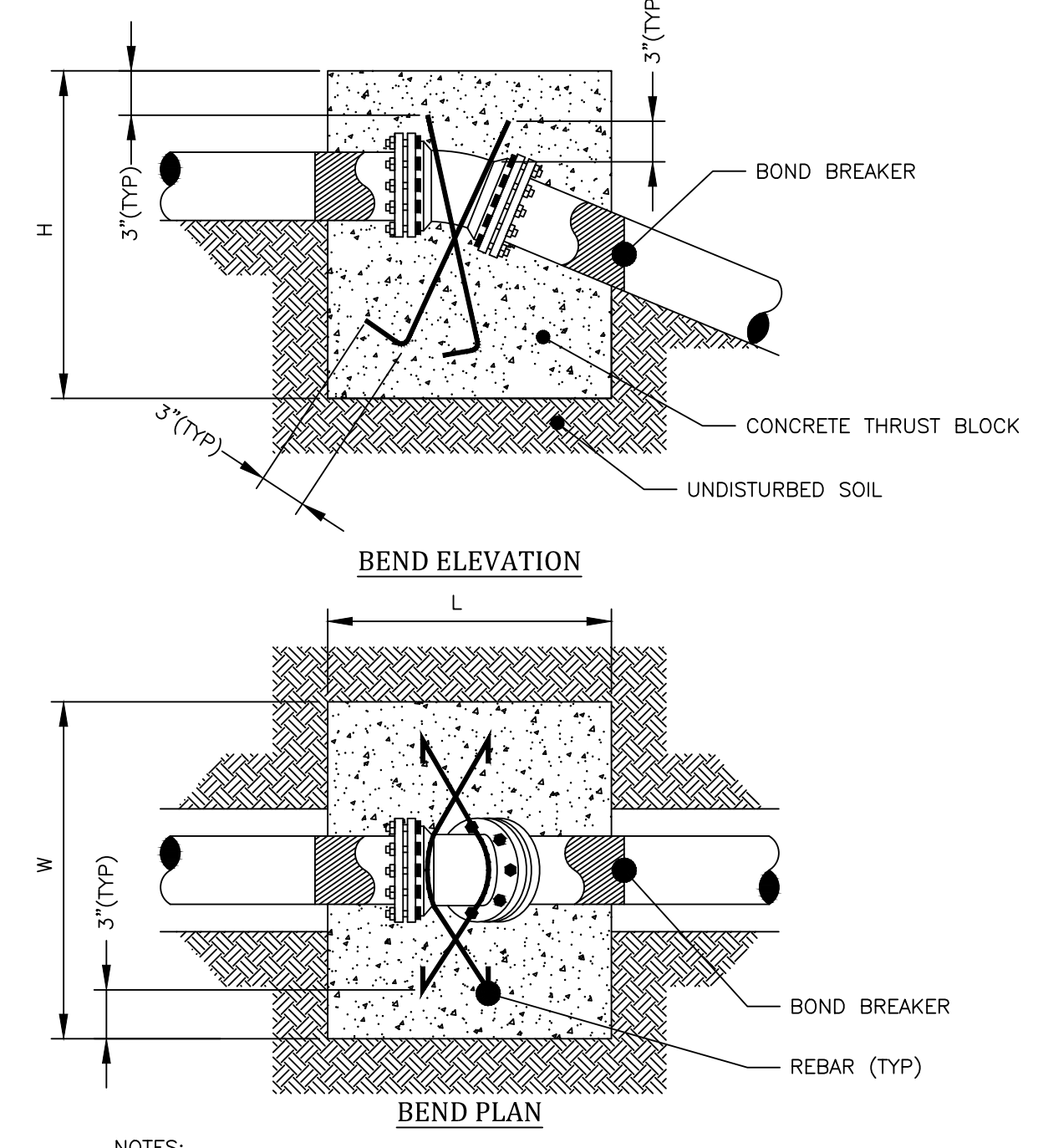
- NOTES:**
1. COPPER SERVICE TO BE USED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 2. TRACING WIRE TO BE USED WITH POLYETHYLENE SERVICE ONLY.

SERVICE INSTALLATION
NOT TO SCALE

PIPE DIAMETER	BEND											
	11 1/4 DEGREE			22 1/2 DEGREE			45 DEGREE			90 DEGREE		
	L (FT)	W (FT)	H (FT)	L (FT)	W (FT)	H (FT)	L (FT)	W (FT)	H (FT)	L (FT)	W (FT)	H (FT)
8"	3.0	3.0	3.0	4.0	3.0	3.5	6.0	3.0	4.2	2.50		

**SOIL BEARING STRENGTH - PSF
PSI TEST PRESSURE**

VERTICAL DOWN THRUST BLOCKS



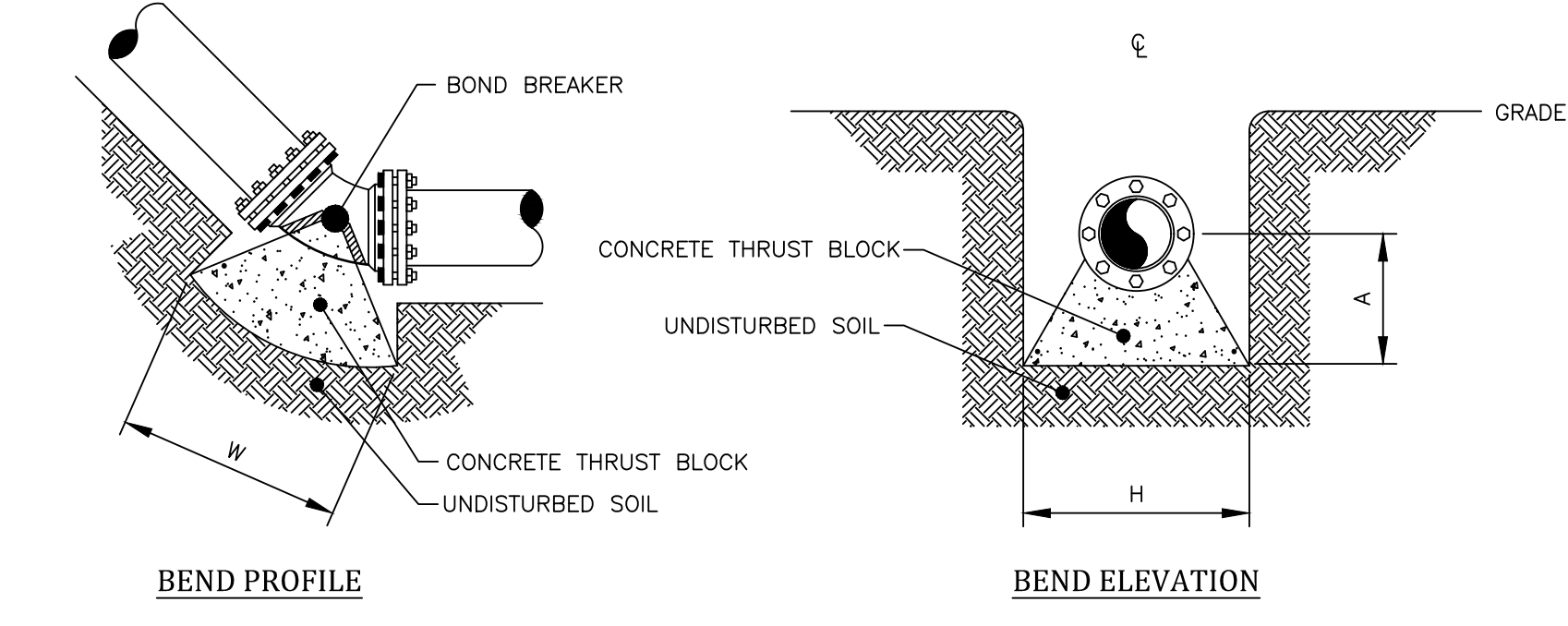
- NOTES:**
1. THRUST BLOCKS SHALL BE CENTERED HORIZONTALLY ON BENDS.
 2. VOLUMES SHOWN IN CHART ARE MINIMUMS.

VERTICAL DOWN THRUST BLOCKS
NOT TO SCALE

PIPE DIAMETER	BEND OR FITTING														
	11 1/4 DEGREE			22 1/2 DEGREE			45 DEGREE			90 DEGREE			TEE*, CAP OR PLUG		
	H (FT)	W (FT)	A (FT)	H (FT)	W (FT)	A (FT)	H (FT)	W (FT)	A (FT)	H (FT)	W (FT)	A (FT)	H (FT)	W (FT)	A (FT)
8"	1.0	1.0	1.5	1.0	1.5	1.5	1.5	2.0	1.5	2.0	2.5	1.5	1.5	2.5	1.0

* SIZE BLOCK BASED ON BRANCH DIAMETER.
SOIL BEARING STRENGTH - PSF
PSI TEST PRESSURE

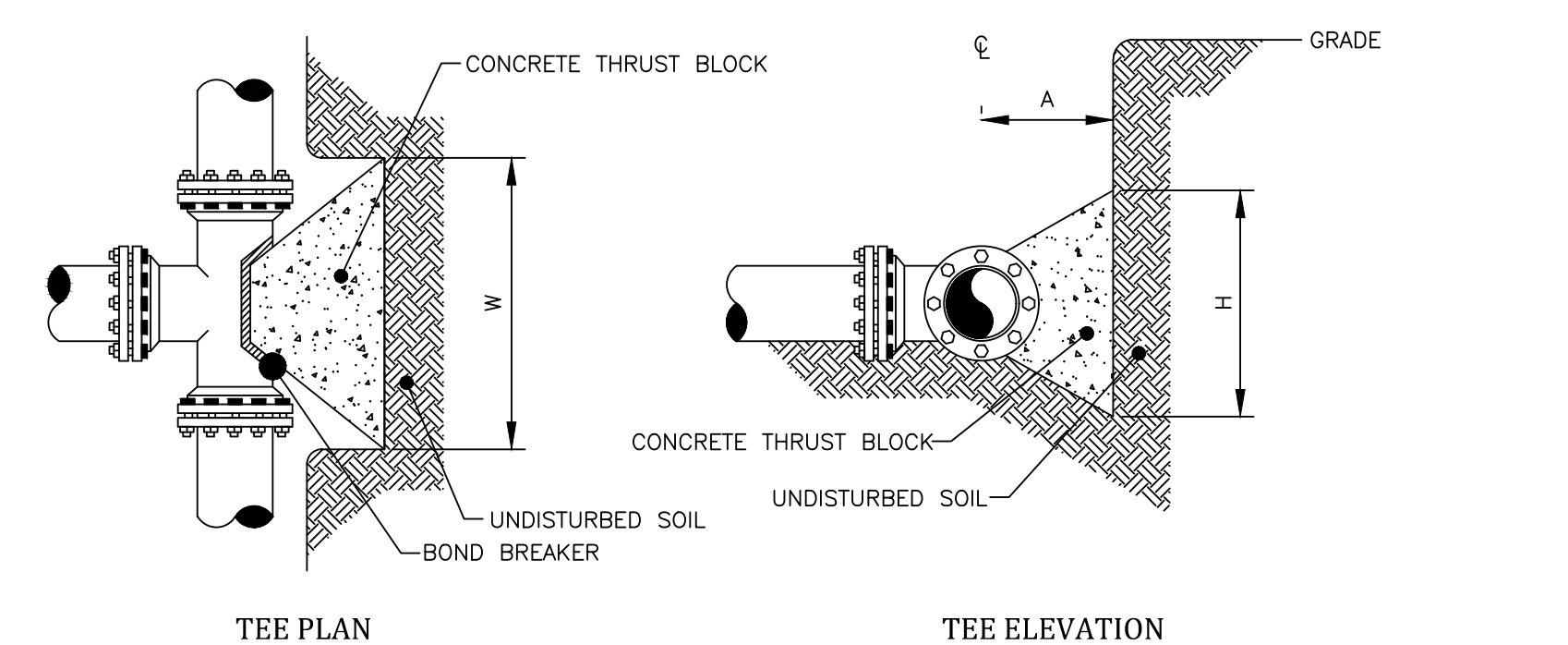
HORIZONTAL AND VERTICAL UP THRUST BLOCKS



BEND PROFILE

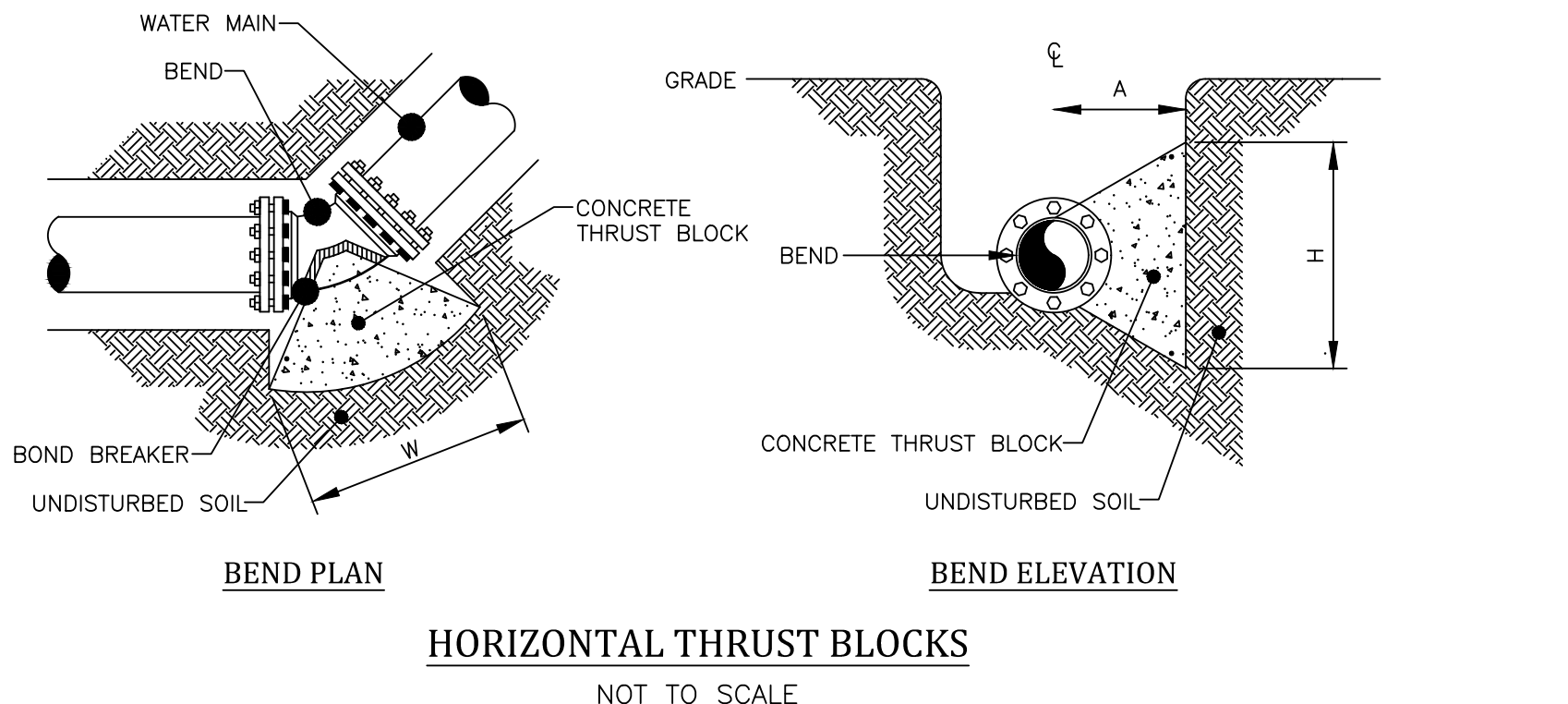
BEND ELEVATION

VERTICAL UP THRUST BLOCKS
NOT TO SCALE



TEE PLAN

TEE ELEVATION



BEND PLAN

BEND ELEVATION

HORIZONTAL THRUST BLOCKS
NOT TO SCALE

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if on item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file to the item his seal and the notation altered by followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	DATE	BY	REVISIONS
7			
6			
5			
4			
3			
2			
1			

BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
PHONE 585-377-7880
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10 LITTLEFIELD LANE EAST
LEHIGH RIDGE, NY 14660
WWW.BMEARC.COM



LEHIGH RIDGE
TOWN OF HENRIETTA, MORRIS COUNTY, NEW YORK STATE
LEHIGH RIDGE DESIGN, LLC
1122 EAST RIVER ROAD
AVON, NEW YORK 14414

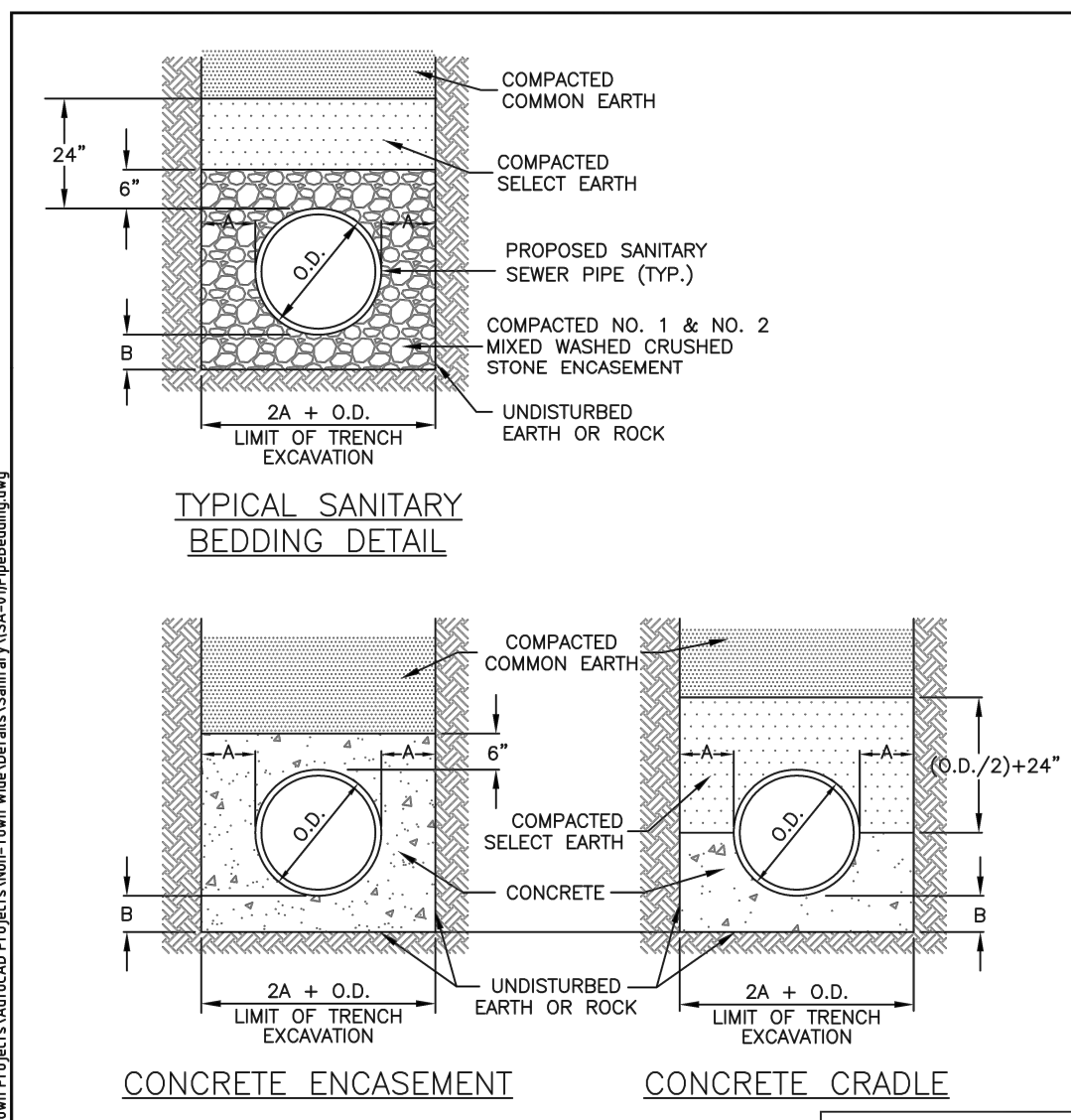
PROJECT LOCATION CLIENT DRAWING TITLE

**FINAL SECTION 1
DETAIL SHEET**

PROJECT MANAGER	DATE
PG VARS	
PROJECT ENGINEER	DATE
JG CRETEKOS / AP BEYLER	
DRAWN BY	DATE
AN D'ANGELO	
SCALE	DATE ISSUED
N/A	AUGUST 15, 2023
PROJECT NO.	

2728A
DRAWING NO.
35
(SHEET 2 OF 6)

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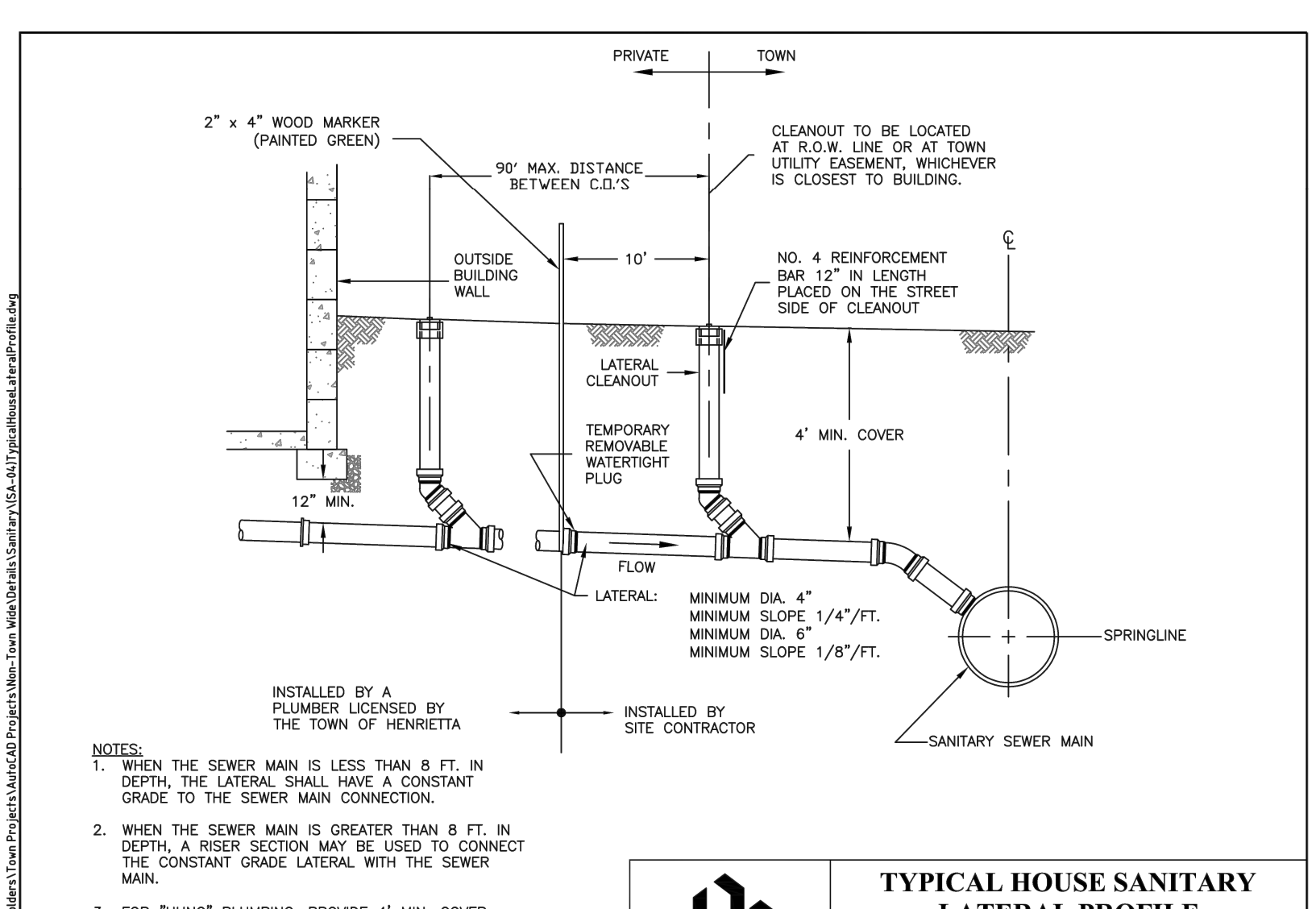
PIPE DIA.	A	B
UP TO 18"	12"	6"
21" TO 36"	18"	9"
OVER 36"	24"	12"

- NOTES:**
- ALL SANITARY SEWER PIPE SHALL BE 6" MINIMUM PIPE DIAMETER, POLYVINYL CHLORIDE PIPE (PVC SDR-35), BELL & SPIGOT TYPE & RUBBER GASKET.
 - ALL SANITARY LATERAL PIPE SHALL BE 4" MINIMUM PIPE DIAMETER, POLYVINYL CHLORIDE PIPE (PVC SDR-21), BELL & SPIGOT TYPE & RUBBER GASKET OR SCHEDULE 40.
 - SELECT EARTH SHALL BE SAND GRAVEL AND SIMILAR MATERIAL WHICH SHALL BE FREE FROM CLAY, LOAM, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL CONTAIN ONLY SMALL AMOUNTS OF STONE, PEBBLES OR LUMPS OVER ONE INCH IN GREATEST DIMENSION BUT NONE OVER TWO INCHES IN GREATEST DIMENSIONS.
 - STONE ENCASUREMENT SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NYSDOT STANDARD SPECIFICATION, MAY 1, 2008 EDITION PAGES 7-14, SUBSECTION 703-0201 "CRUSHED STONE", PRIMARY SIZE OR A MIXTURE OF PRIMARY SIZES 1 AND 2.
 - CONCRETE SHALL BE CAST-IN-PLACE CLASS "A" MEETING NYSDOT SECTION 501 SPECIFICATIONS.

TOWN OF HENRIETTA

TYPICAL SANITARY PIPE BEDDING DETAILS

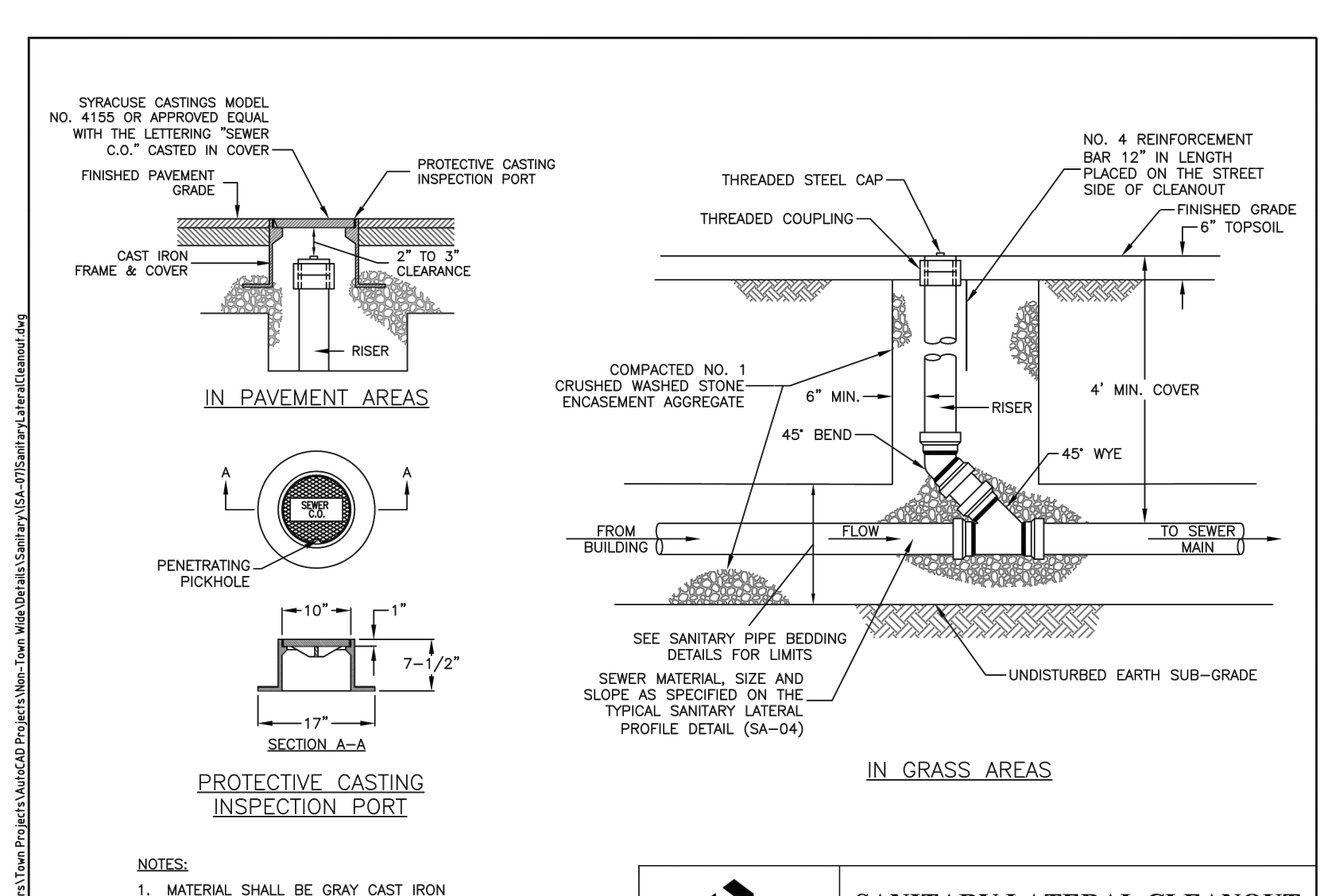
SCALE: N.T.S. DATE: 11/15/2011 SA-01



TOWN OF HENRIETTA

TYPICAL HOUSE SANITARY LATERAL PROFILE

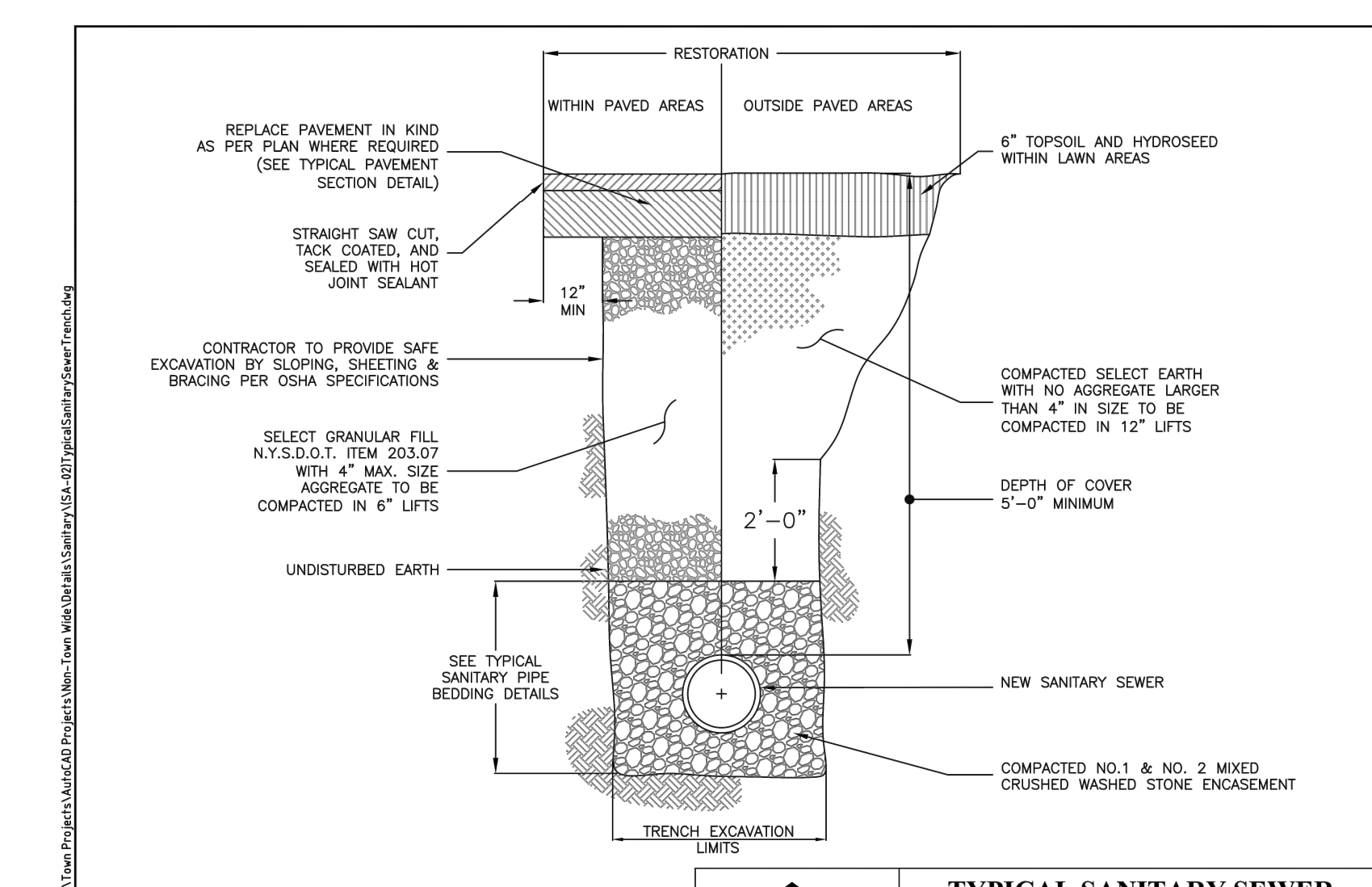
SCALE: N.T.S. DATE: 11/15/2011 SA-04



TOWN OF HENRIETTA

SANITARY LATERAL CLEANOUT

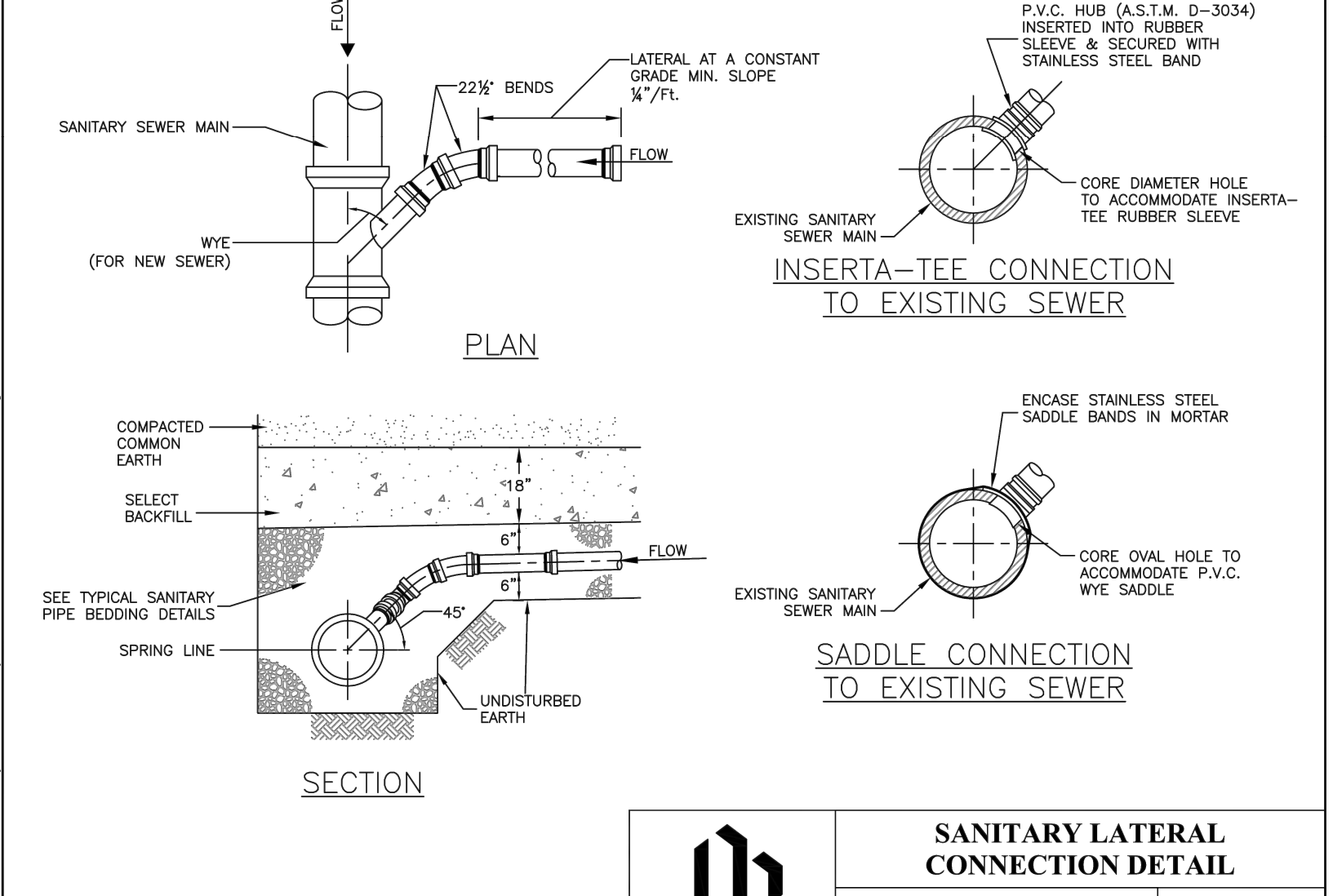
SCALE: N.T.S. DATE: 11/15/2011 SA-07



TOWN OF HENRIETTA

TYPICAL SANITARY SEWER TRENCH DETAIL

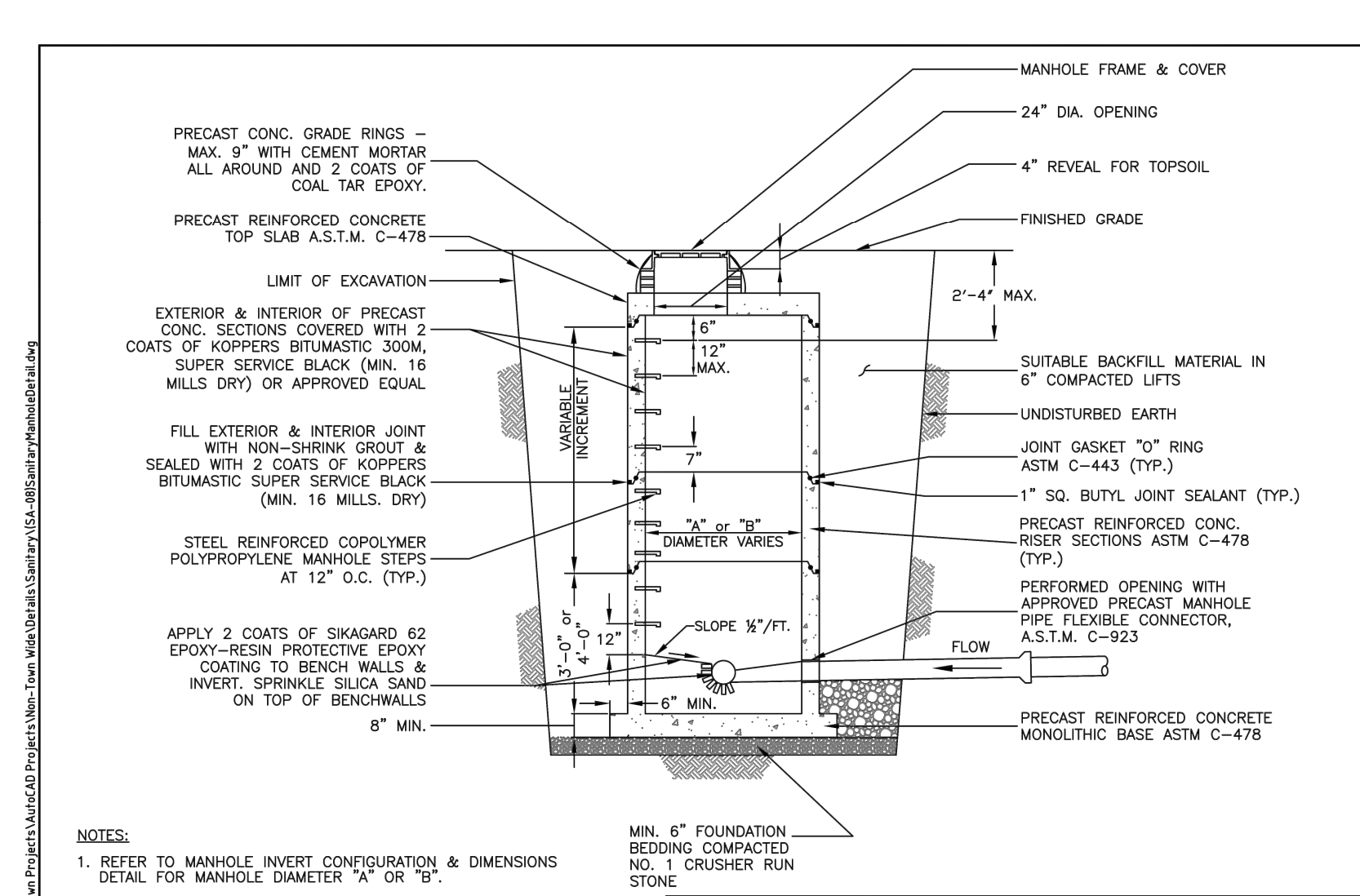
SCALE: N.T.S. DATE: 11/15/2011 SA-02



TOWN OF HENRIETTA

SANITARY LATERAL CONNECTION DETAIL

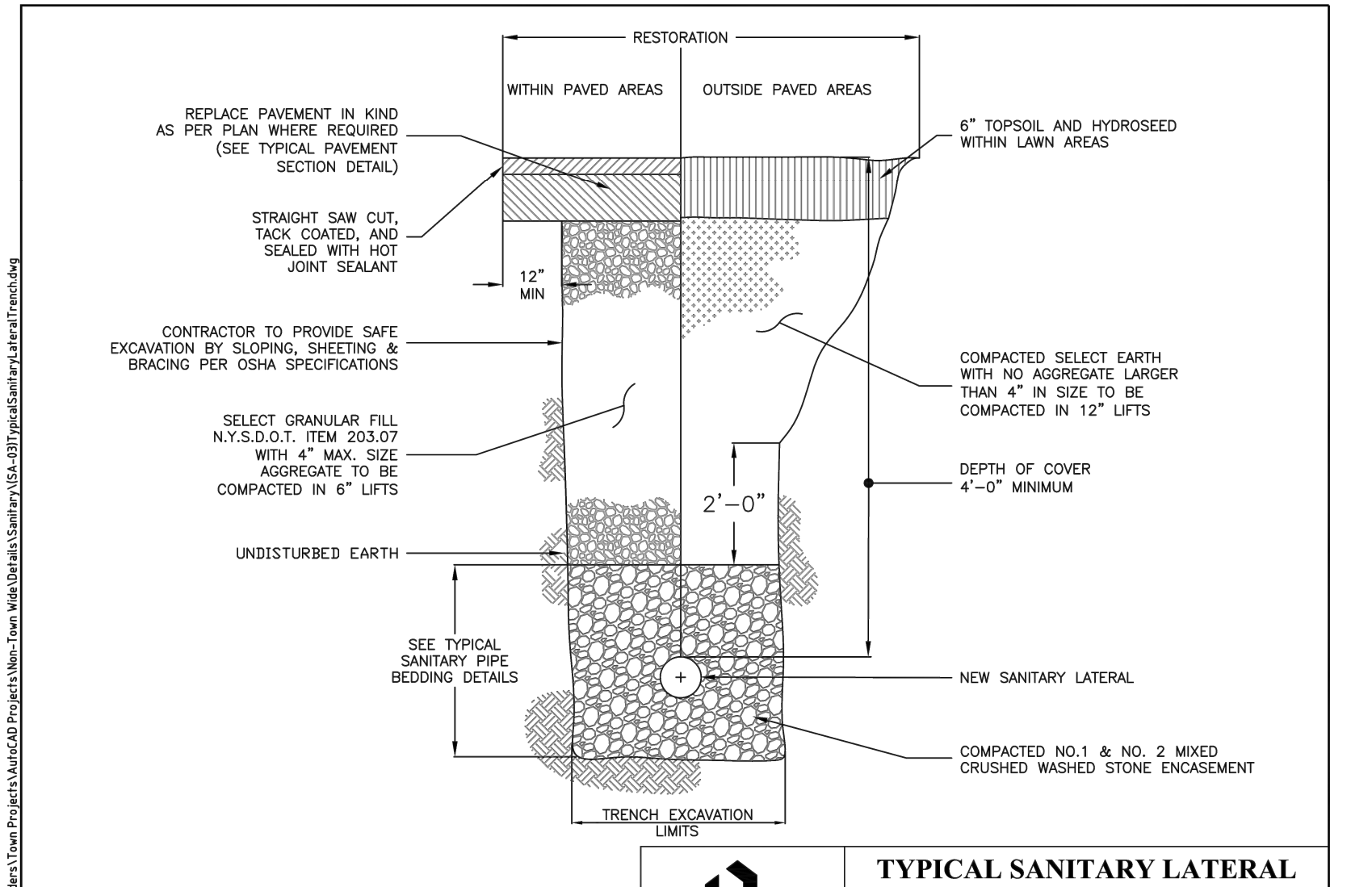
SCALE: N.T.S. DATE: 11/15/2011 SA-05



TOWN OF HENRIETTA

SANITARY MANHOLE DETAIL

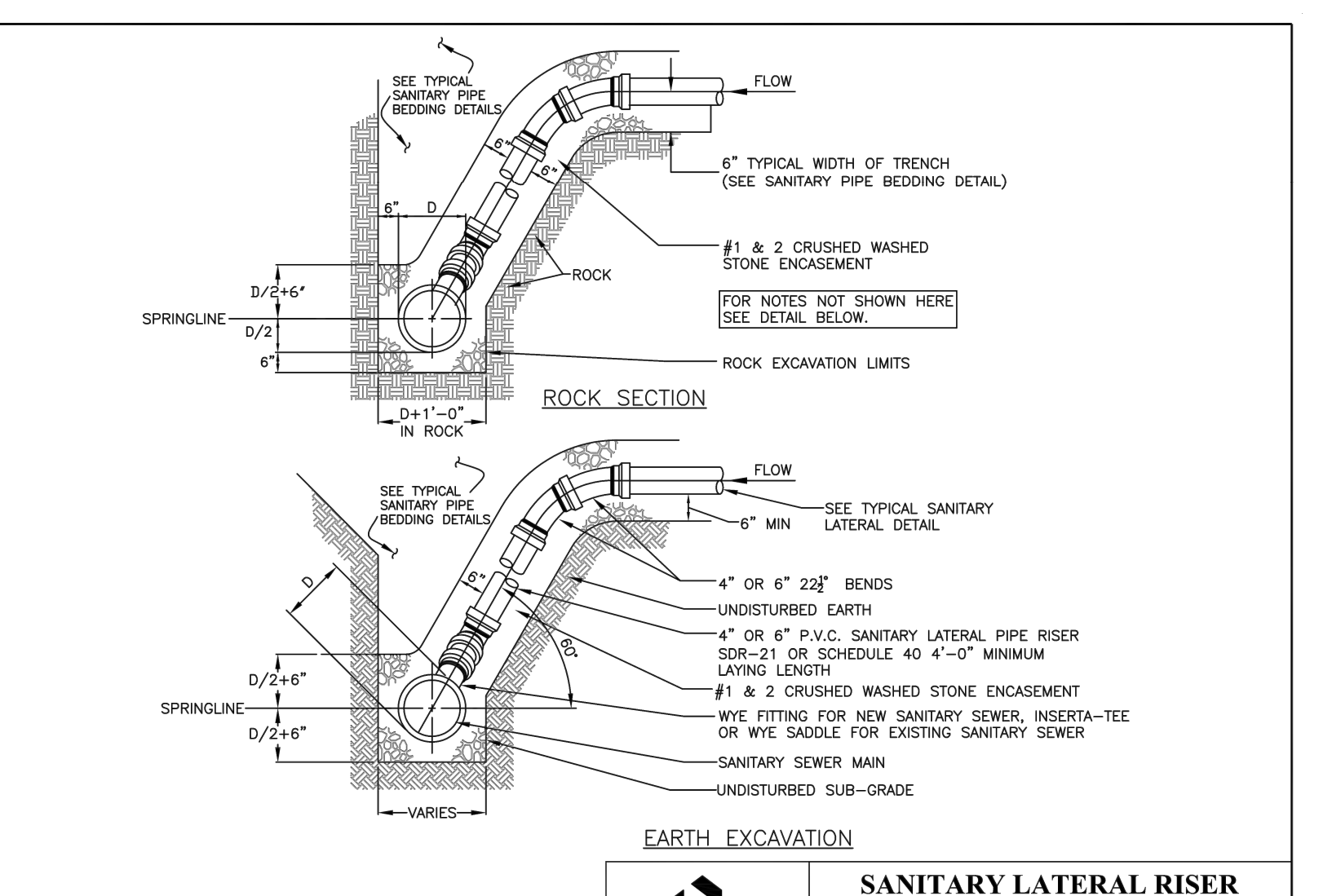
SCALE: N.T.S. DATE: 11/15/2011 SA-08



TOWN OF HENRIETTA

TYPICAL SANITARY LATERAL TRENCH DETAIL

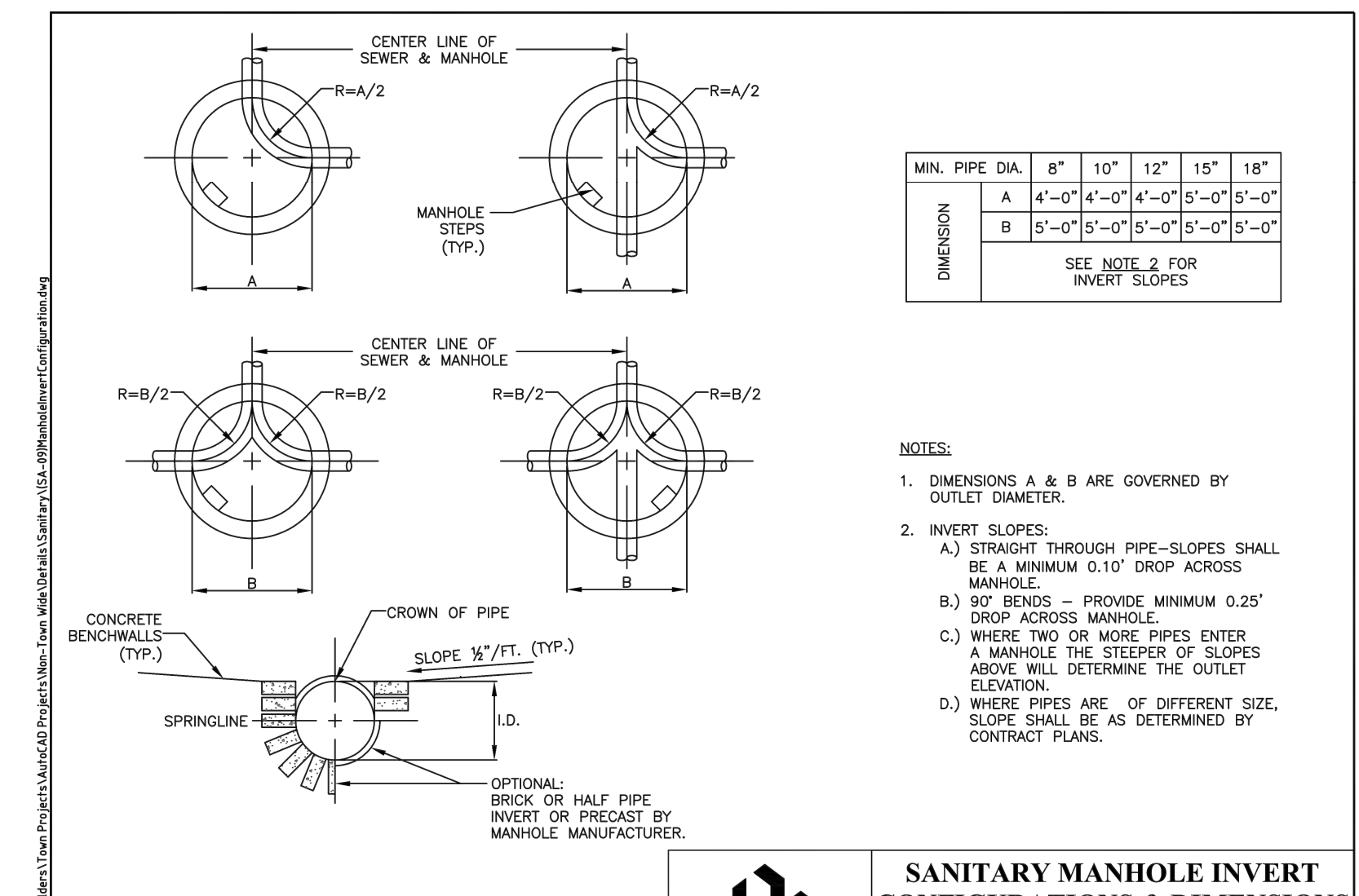
SCALE: N.T.S. DATE: 11/15/2011 SA-03



TOWN OF HENRIETTA

SANITARY LATERAL RISER DETAIL

SCALE: N.T.S. DATE: 11/15/2011 SA-06



TOWN OF HENRIETTA

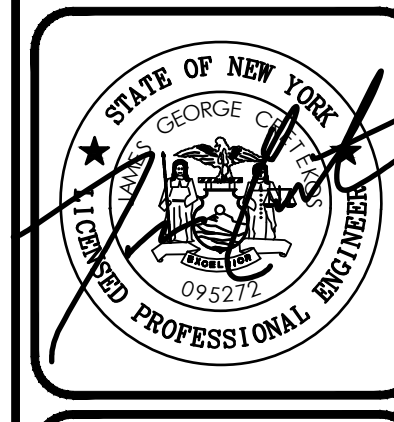
SANITARY MANHOLE INVERT CONFIGURATIONS & DIMENSIONS

SCALE: N.T.S. DATE: 11/15/2011 SA-09

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if on item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file with the item his seal and the notation 'altered' followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	REVISIONS	DATE	BY
7			
6			
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2			
1			

BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
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LEHIGH RIDGE
TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
LEHIGH RIDGE DESIGN, LLC
1112 EAST RIVER ROAD
AVON, NEW YORK 14414

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER DATE

PG VARS

PROJECT ENGINEER DATE

JG CRETEKOS / AP BEYLER

DRAWN BY DATE

AN D'ANGELO

SCALE DATE ISSUED

N/A AUGUST 15, 2023

PROJECT NO.

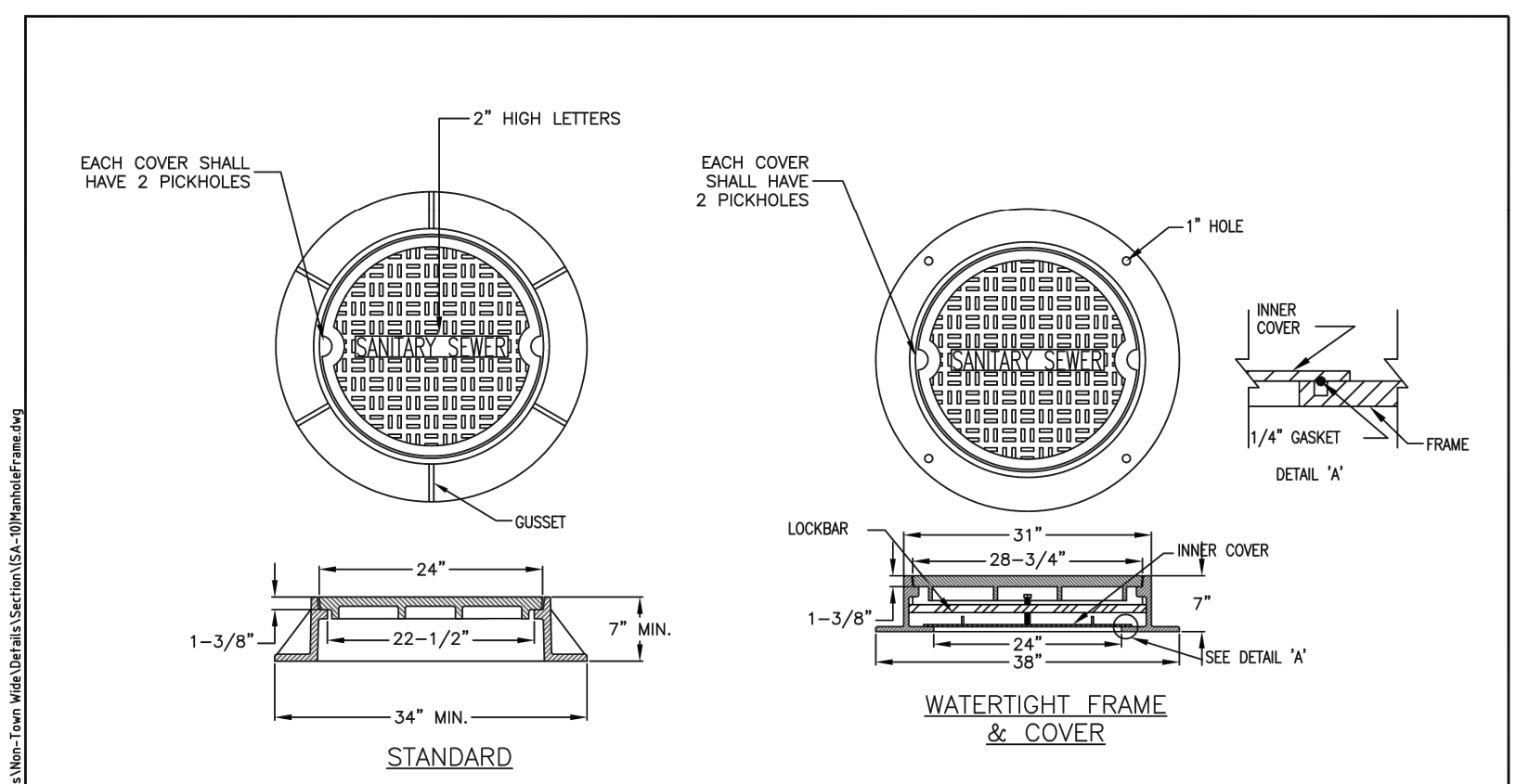
2728A

DRAWING NO.

36

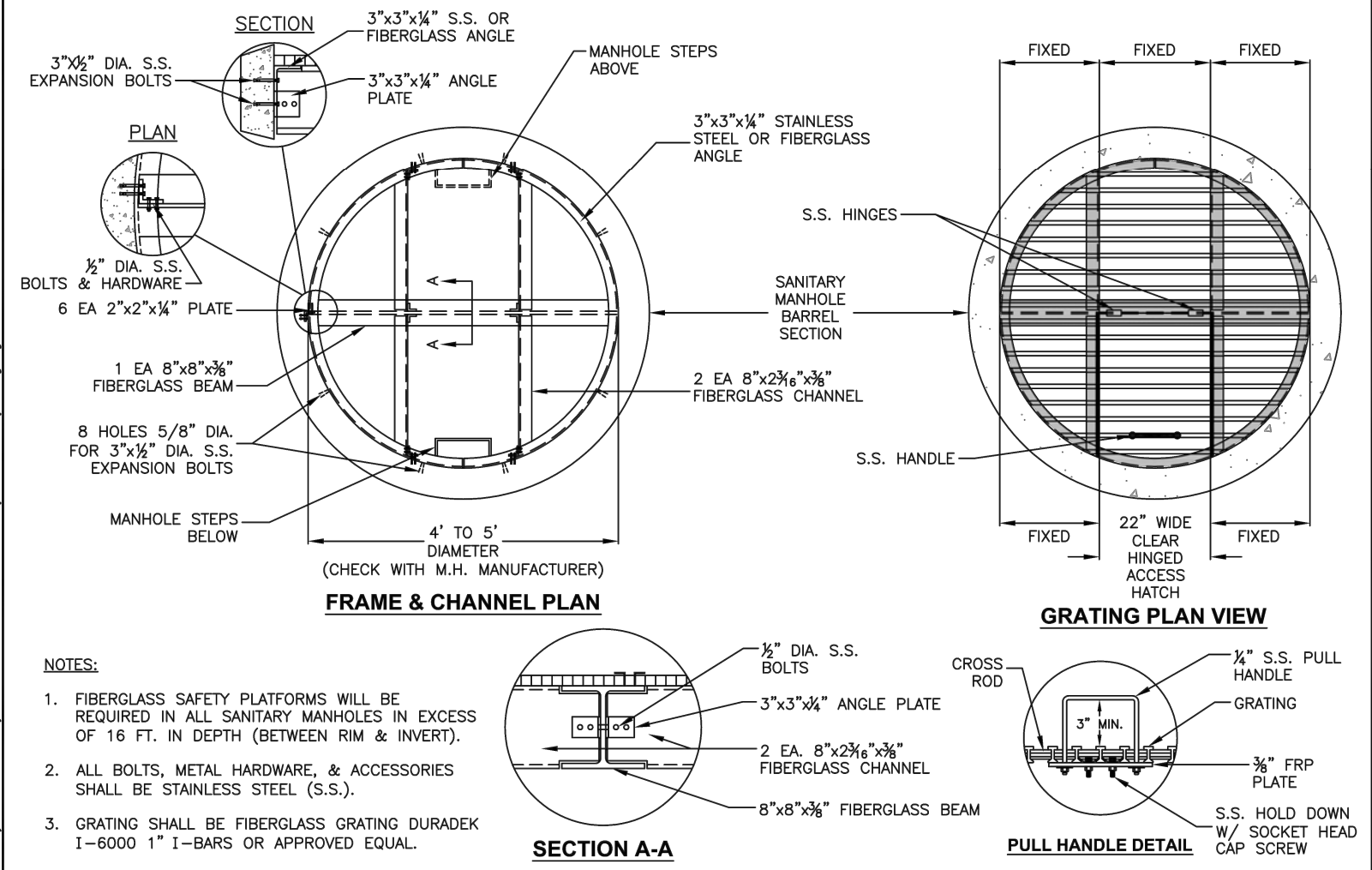
(SHEET 3 OF 6)

P: 1728A Drawings Vial 1728A Detail Base (ing)



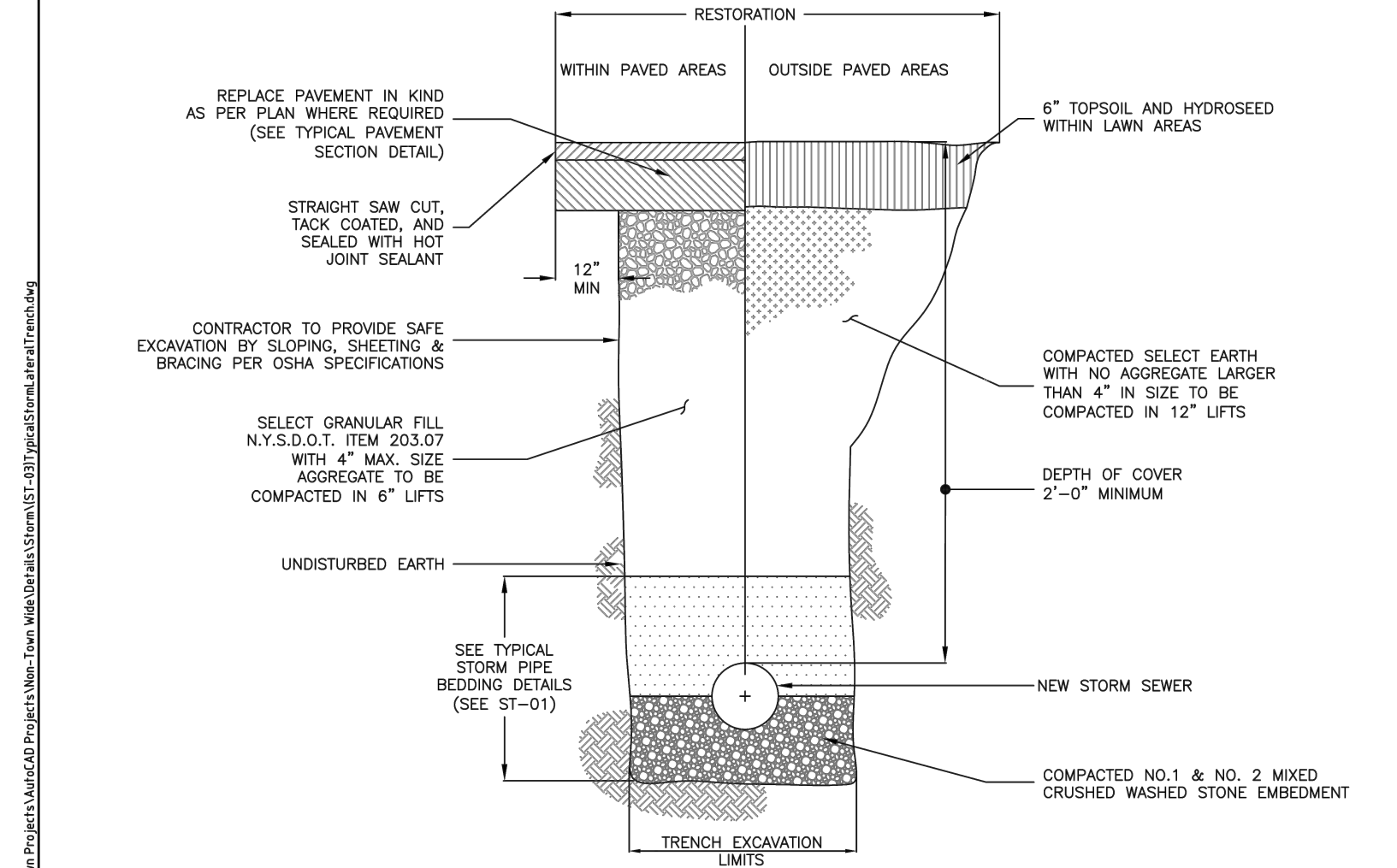
NOTES:
 1. MATERIAL SHALL BE GRAY CAST IRON CONFORMING TO A.S.T.M. A48 (LATEST REVISION) CLASS 30B.
 2. HEAVY DUTY CASTING SHALL BE DESIGNED FOR A.A.S.H.T.O. H20-16 WHEEL LOADS.
 3. THE STANDARD CASTING SHALL BE MODEL NO. 1032 & WATERTIGHT CASTING MODEL NO. 6545 AS MANUFACTURED BY SYRACUSE CASTING SALES CORP. OR APPROVED EQUAL.

SANITARY MANHOLE FRAME AND COVER
 SCALE: N.T.S. DATE: 11/15/2011 SA-10

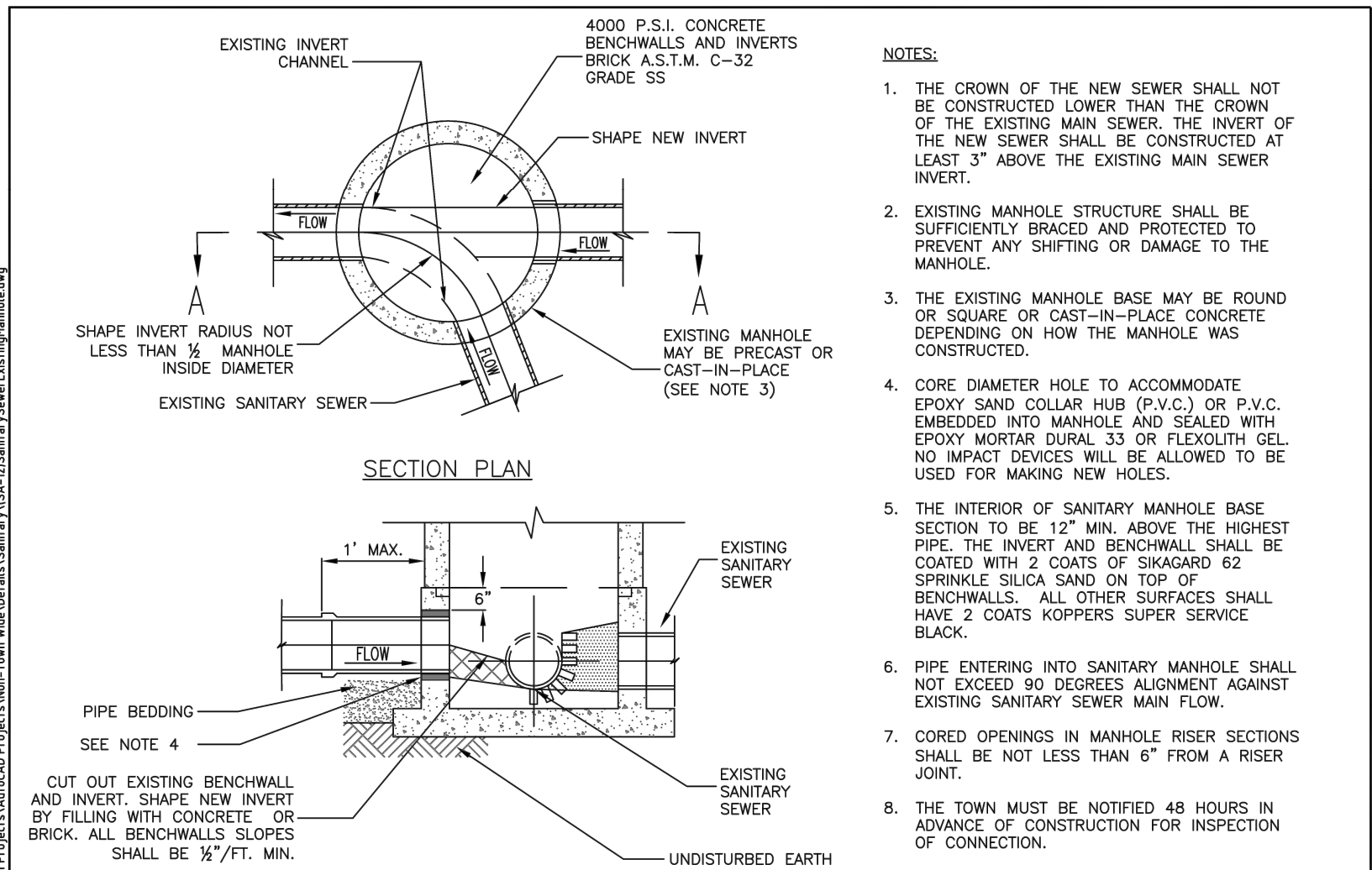


NOTES:
 1. FIBERGLASS SAFETY PLATFORMS WILL BE REQUIRED IN ALL SANITARY MANHOLES IN EXCESS OF 16 FT. IN DEPTH (BETWEEN RIM & INVERT).
 2. ALL BOLTS, METAL HARDWARE, & ACCESSORIES SHALL BE STAINLESS STEEL (S.S.).
 3. GRATING SHALL BE FIBERGLASS GRATING DURADEK 1-6000 1" I-BARS OR APPROVED EQUAL.
 4. GRATING SHALL BE SECURED WITH STAINLESS STEEL SADDLE HOLD DOWN CLIPS AS RECOMMENDED BY THE MANUFACTURER.
 5. SPECIAL MANHOLE FRAME & COVER SHALL BE REQUIRED FOR ACCESS. USE MODEL NO. 1011A AS MANUFACTURED BY SYRACUSE CASTINGS OR APPROVED EQUAL.

MANHOLE SAFETY LANDING
 SCALE: N.T.S. DATE: 6/28/2013 SA-23

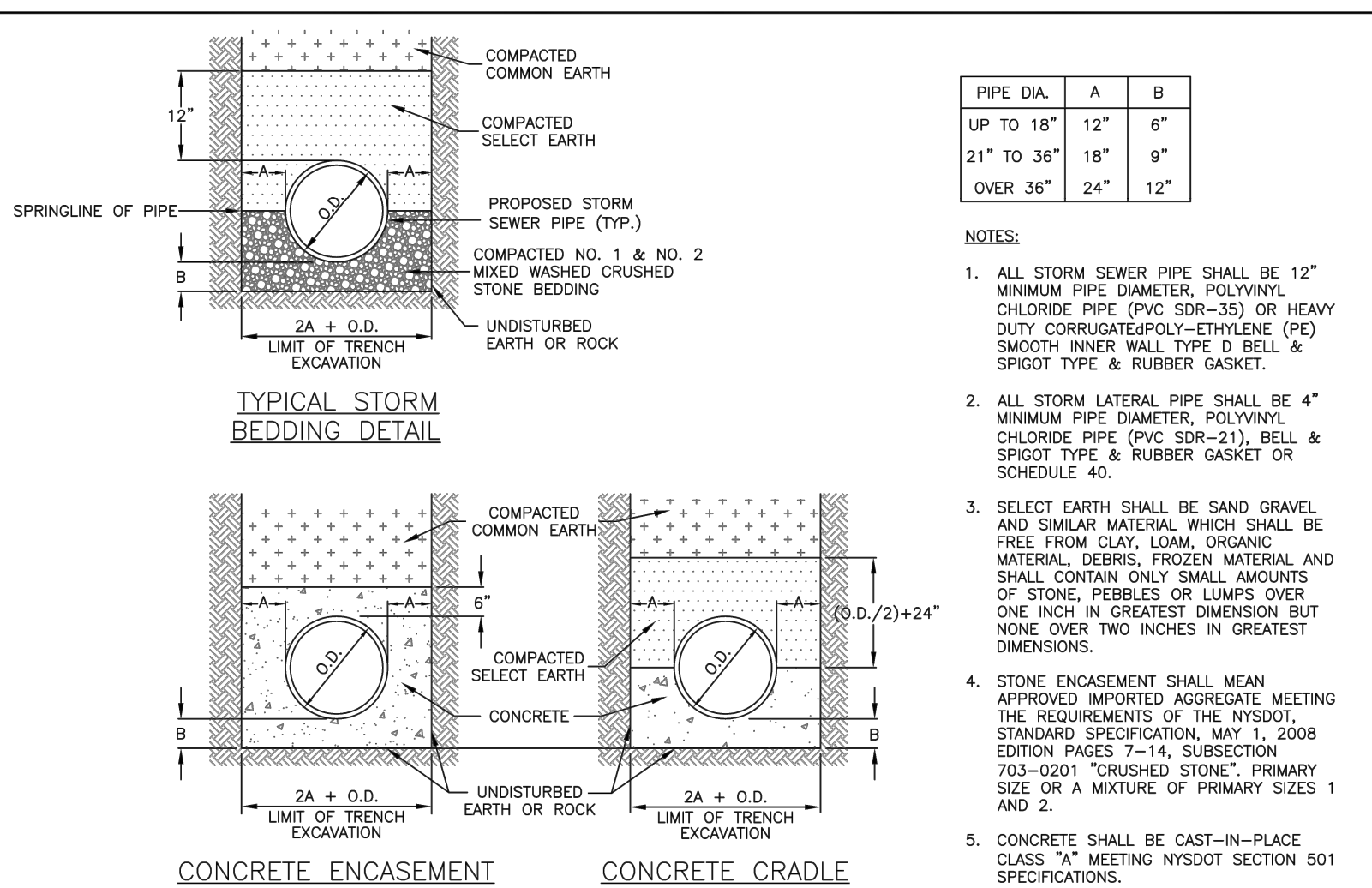


TYPICAL STORM LATERAL TRENCH DETAIL
 SCALE: N.T.S. DATE: 11/15/2011 ST-03



NOTES:
 1. THE CROWN OF THE NEW SEWER SHALL NOT BE CONSTRUCTED LOWER THAN THE CROWN OF THE EXISTING MAIN SEWER. THE INVERT OF THE NEW SEWER SHALL BE CONSTRUCTED AT LEAST 3" ABOVE THE EXISTING MAIN SEWER INVERT.
 2. EXISTING MANHOLE STRUCTURE SHALL BE SUFFICIENTLY BRACED AND PROTECTED TO PREVENT ANY SHIFTING OR DAMAGE TO THE MANHOLE.
 3. THE EXISTING MANHOLE BASE MAY BE ROUND OR SQUARE OR CAST-IN-PLACE CONCRETE DEPENDING ON HOW THE MANHOLE WAS CONSTRUCTED.
 4. CORE DIAMETER HOLE TO ACCOMMODATE EPOXY SAND COLLAR HUB (P.V.C.) OR P.V.C. EMBEDDED INTO MANHOLE AND SEALED WITH EPOXY MORTAR DURAL 33 OR FLEXOLITH GEL. NO IMPACT DEVICES WILL BE ALLOWED TO BE USED FOR MAKING NEW HOLES.
 5. THE INTERIOR OF SANITARY MANHOLE BASE SECTION TO BE 12" MIN. ABOVE THE HIGHEST PIPE. THE INVERT AND BENCHWALL SHALL BE COATED WITH 2 COATS OF SIKAGARD 62 SPRINKLE SILICA SAND ON TOP OF BENCHWALLS. ALL OTHER SURFACES SHALL HAVE 2 COATS KOPPERS SUPER SERVICE BLACK.
 6. PIPE ENTERING INTO SANITARY MANHOLE SHALL NOT EXCEED 90 DEGREES ALIGNMENT AGAINST EXISTING SANITARY SEWER MAIN FLOW.
 7. CORED OPENINGS IN MANHOLE RISER SECTIONS SHALL BE NOT LESS THAN 6" FROM A RISER JOINT.
 8. THE TOWN MUST BE NOTIFIED 48 HOURS IN ADVANCE OF CONSTRUCTION FOR INSPECTION OF CONNECTION.

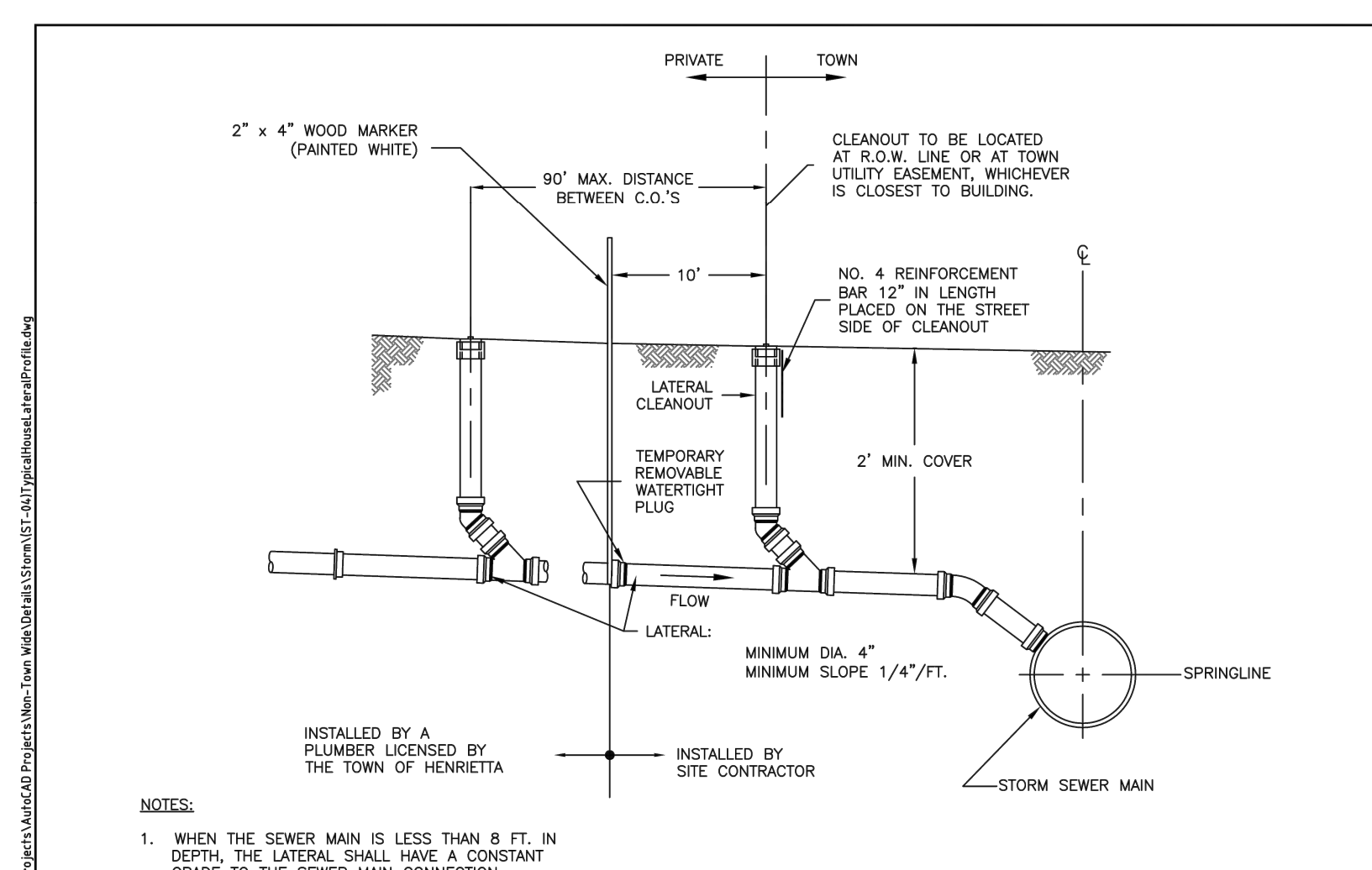
SANITARY SEWER CONNECTION TO EXISTING MANHOLE
 SCALE: N.T.S. DATE: 11/15/2011 SA-12



PIPE DIA.	A	B
UP TO 18"	12"	6"
21" TO 36"	18"	9"
OVER 36"	24"	12"

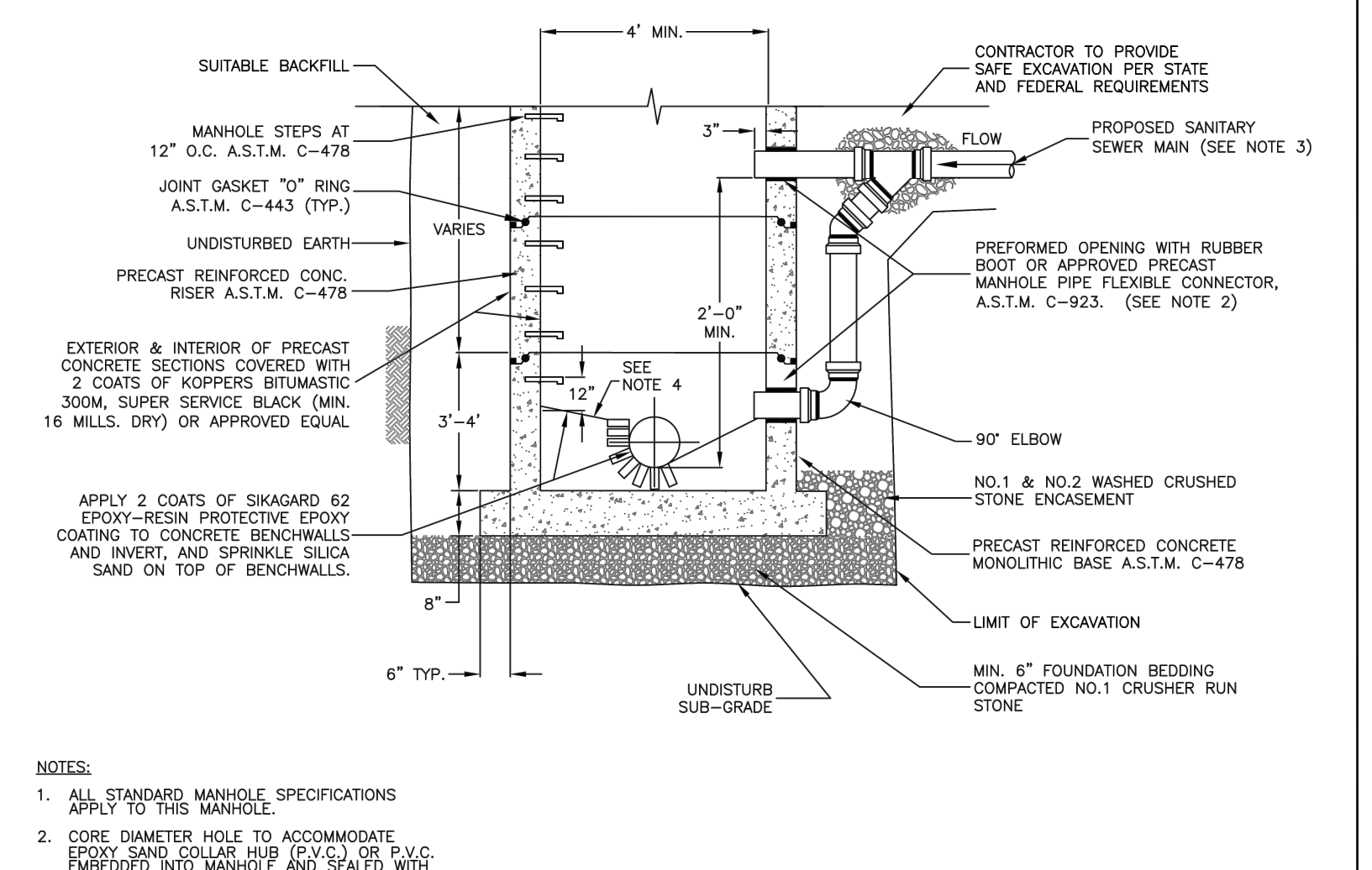
NOTES:
 1. ALL STORM SEWER PIPE SHALL BE 12" MINIMUM PIPE DIAMETER, POLYVINYL CHLORIDE PIPE (PVC SDR-35) OR HEAVY DUTY CORRUGATED POLY-ETHYLENE (PE) SMOOTH INNER WALL TYPE D BELL & SPIGOT TYPE & RUBBER GASKET OR SCHEDULE 40.
 2. ALL STORM LATERAL PIPE SHALL BE 4" MINIMUM PIPE DIAMETER, POLYVINYL CHLORIDE PIPE (PVC SDR-21), BELL & SPIGOT TYPE & RUBBER GASKET OR SCHEDULE 40.
 3. SELECT EARTH SHALL BE SAND GRAVEL AND SIMILAR MATERIAL WHICH SHALL BE FREE FROM CLAY, LOAM, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL CONTAIN ONLY SMALL AMOUNTS OF STONE, PEBBLES OR LIMBS OVER ONE INCH IN GREATEST DIMENSION BUT NONE OVER TWO INCHES IN GREATEST DIMENSIONS.
 4. STONE ENCASEMENT SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NYS DOT, STANDARD SPECIFICATION, MAY 1, 2008 EDITION PAGES 7-14, SUBSECTION 703-2001 "CRUSHED STONE", PRIMARY SIZE OR A MIXTURE OF PRIMARY SIZES 1 AND 2.
 5. CONCRETE SHALL BE CAST-IN-PLACE CLASS "A" MEETING NYS DOT SECTION 501 SPECIFICATIONS.

TYPICAL STORM PIPE BEDDING DETAILS
 SCALE: N.T.S. DATE: 11/15/2011 ST-01



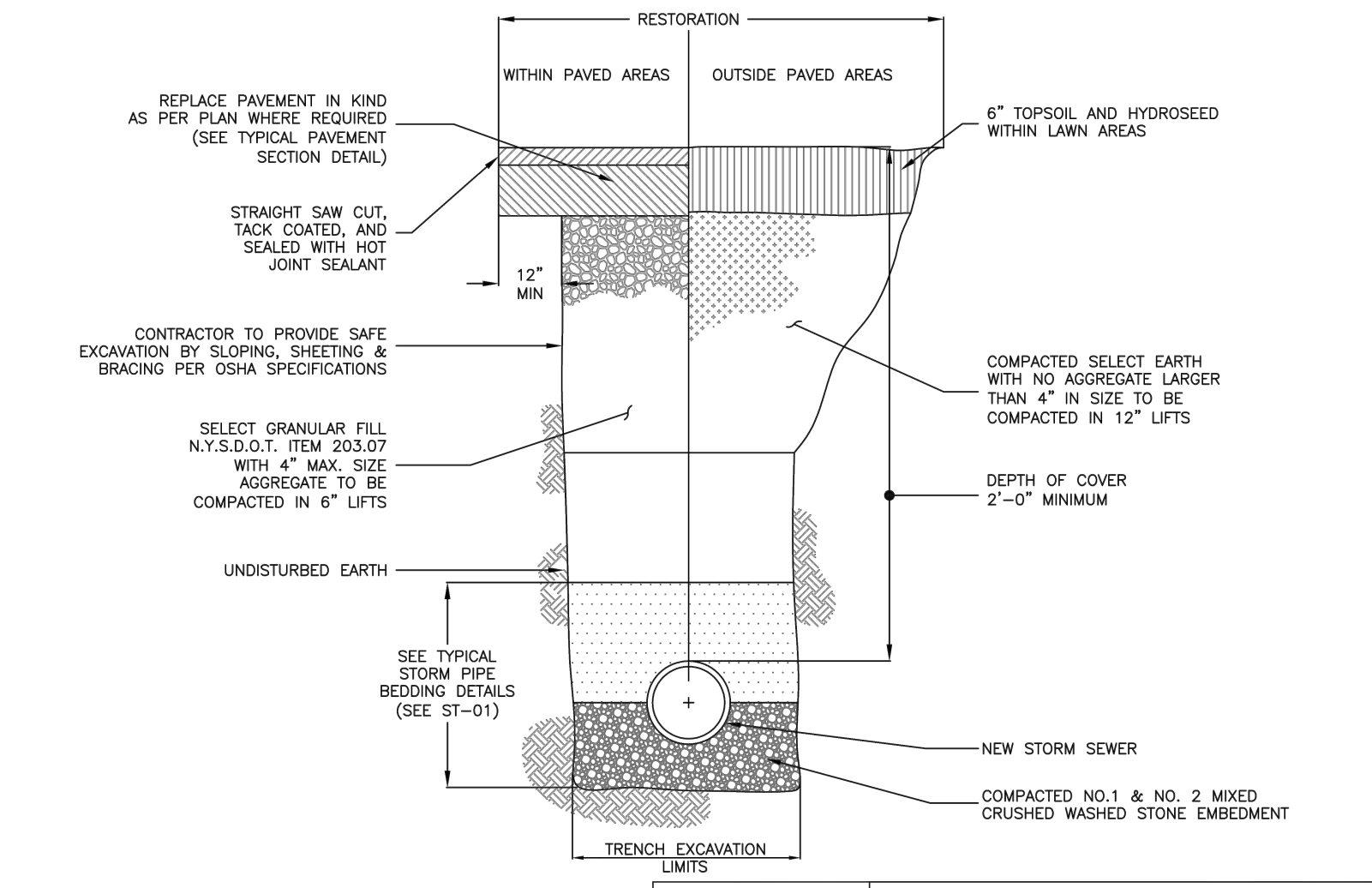
NOTES:
 1. WHEN THE SEWER MAIN IS LESS THAN 8 FT. IN DEPTH, THE LATERAL SHALL HAVE A CONSTANT GRADE TO THE SEWER MAIN CONNECTION.
 2. WHEN THE SEWER MAIN IS GREATER THAN 8 FT. IN DEPTH, A RISER SECTION MAY BE USED TO CONNECT THE CONSTANT GRADE LATERAL WITH THE SEWER MAIN.
 3. THE MATERIAL FOR THE STORM LATERAL SHALL BE PVC SDR-21.

TYPICAL HOUSE STORM LATERAL PROFILE
 SCALE: N.T.S. DATE: 11/15/2011 ST-04

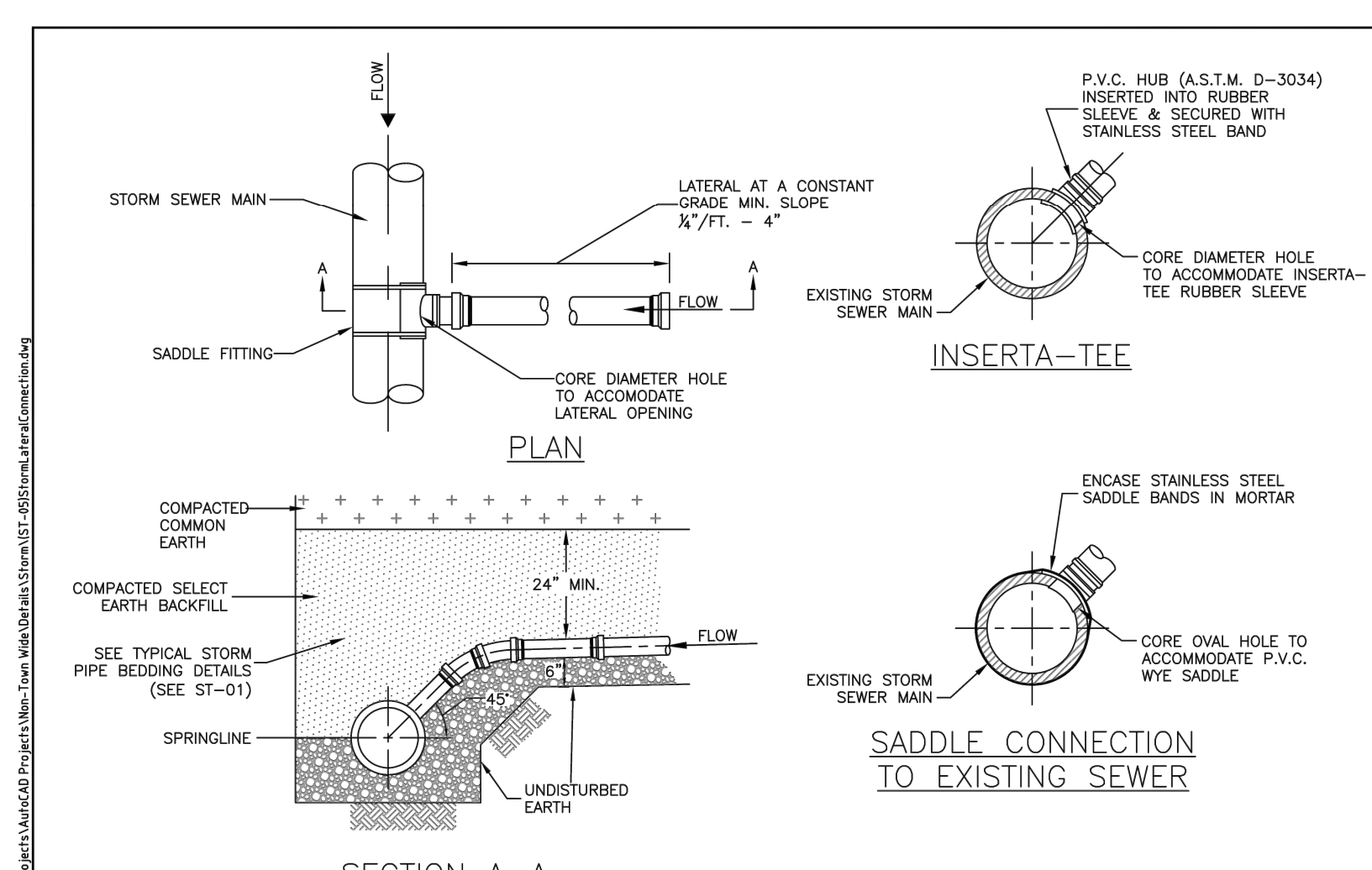


NOTES:
 1. ALL STANDARD MANHOLE SPECIFICATIONS APPLY TO THIS MANHOLE.
 2. CORE DIAMETER HOLE TO ACCOMMODATE EPOXY SAND COLLAR HUB (P.V.C.) OR P.V.C. EMBEDDED INTO MANHOLE AND SEALED WITH EPOXY MORTAR DURAL 33 OR APPROVED EQUAL. NO IMPACT DEVICES WILL BE ALLOWED TO BE USED FOR MAKING NEW HOLES.
 3. A SANITARY LATERAL CONNECTION MUST BE APPROVED BY TOWN ENGINEER.
 4. CONCRETE BENCHWALL SLOPE 1/2"/FT.

OUTSIDE DROP MANHOLE
 SCALE: N.T.S. DATE: 11/15/2011 SA-14



TYPICAL STORM SEWER TRENCH DETAIL
 SCALE: N.T.S. DATE: 11/15/2011 ST-02



STORM LATERAL CONNECTION DETAIL
 SCALE: N.T.S. DATE: 11/15/2011 ST-05

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Drawing Alteration
 The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
 "It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file to the item his seal and the notation altered followed by his signature and the date of each alteration, and a specific description of the alteration."

REVISIONS	DATE	BY
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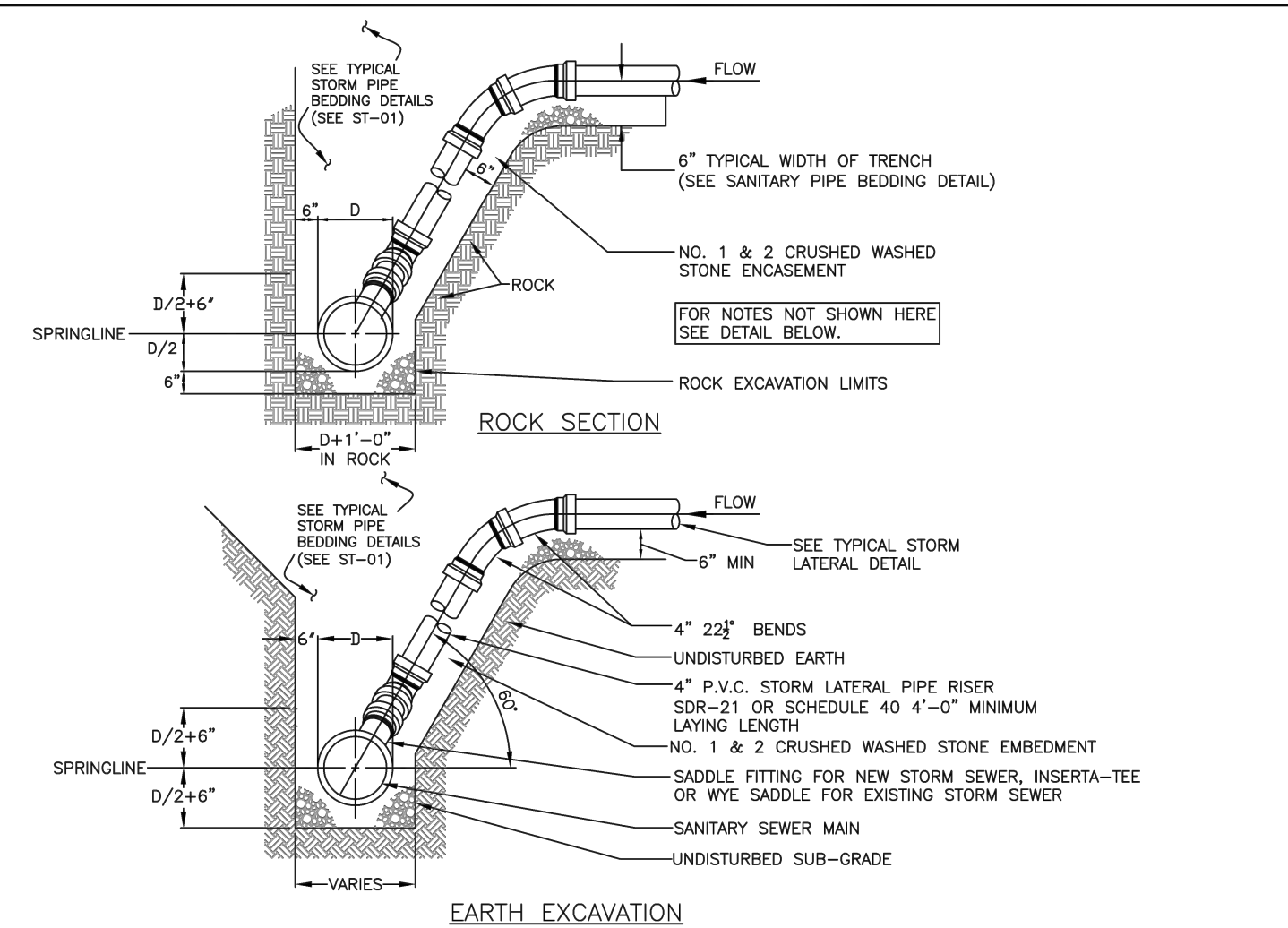
BME ASSOCIATES
 ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
 10 LEBRONGUE LANE EAST
 WESTBURY, NEW YORK 11590
 WWW.BMEARC.COM
 PHONE 516-337-7380
 FAX 516-337-7385



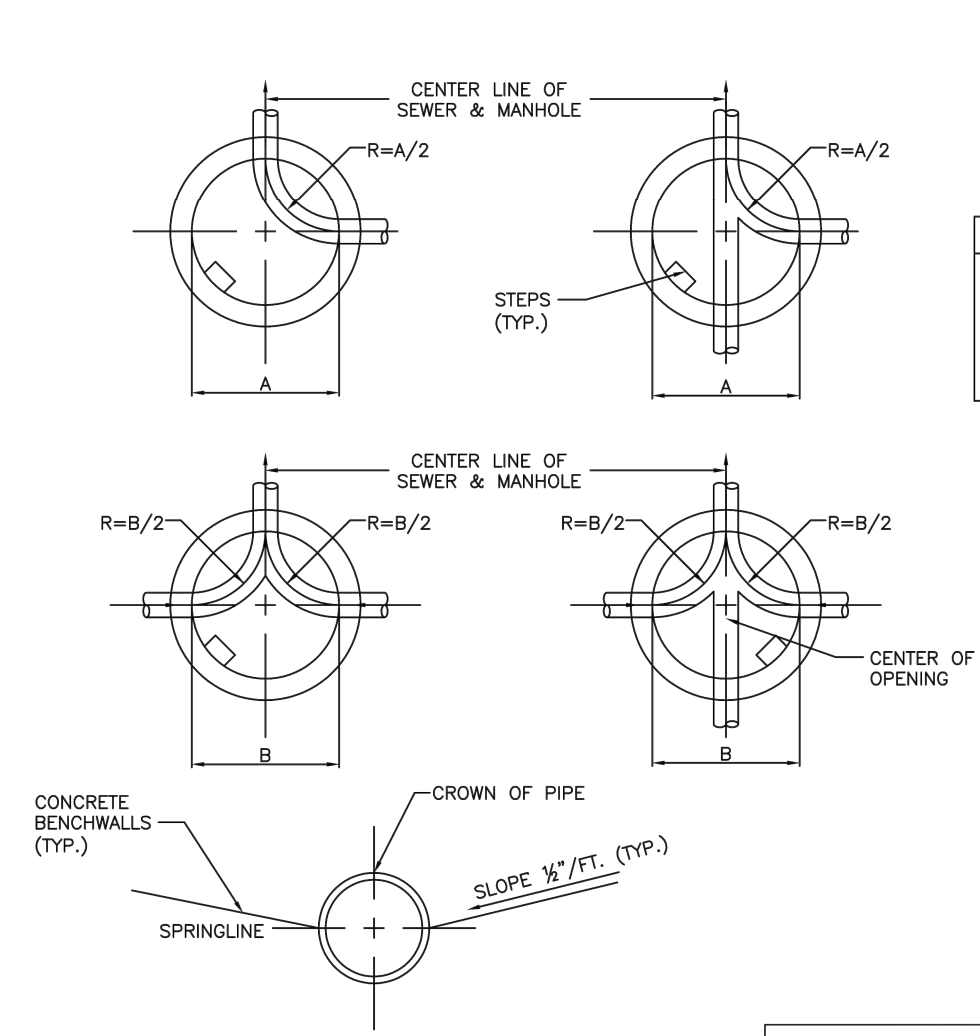
PROJECT	LOCATION	CLIENT	DRAWING TITLE
LEHIGH RIDGE	TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE	LEHIGH RIDGE, LLC 1112 EAST RIVER ROAD AVON, NEW YORK 14414	FINAL SECTION 1 DETAIL SHEET

PROJECT MANAGER	DATE
PG VARS	
PROJECT ENGINEER	DATE
JG CRETEKOS / AP BEYLER	
DRAWN BY	DATE
AN D'ANGELO	
SCALE	DATE ISSUED
N/A	AUGUST 15, 2023
PROJECT NO.	2728A
DRAWING NO.	37
(SHEET 4 OF 6)	

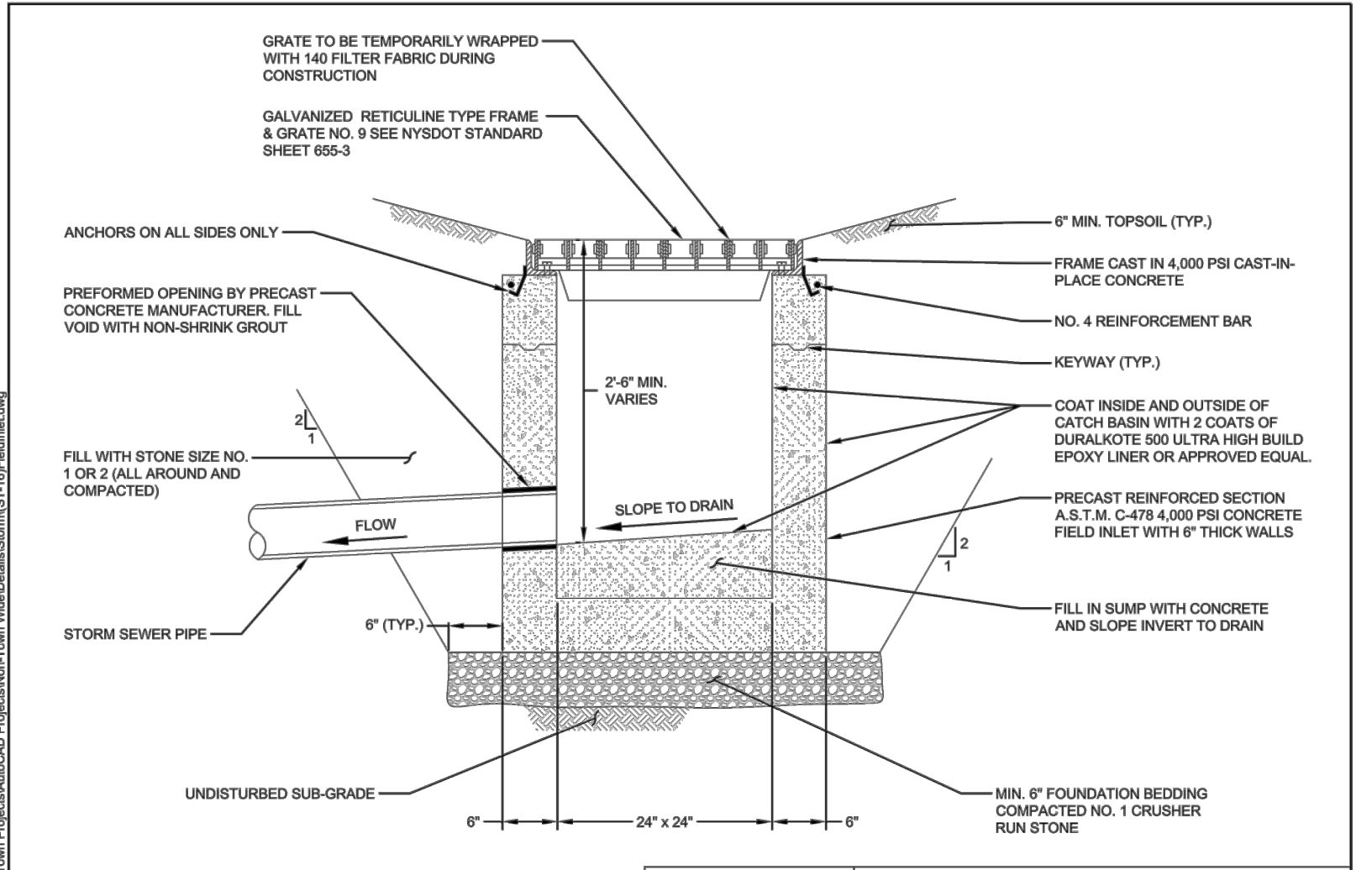
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STORM LATERAL RISER DETAIL
 SCALE: N.T.S.
 DATE: 11/15/2011
 ST-06



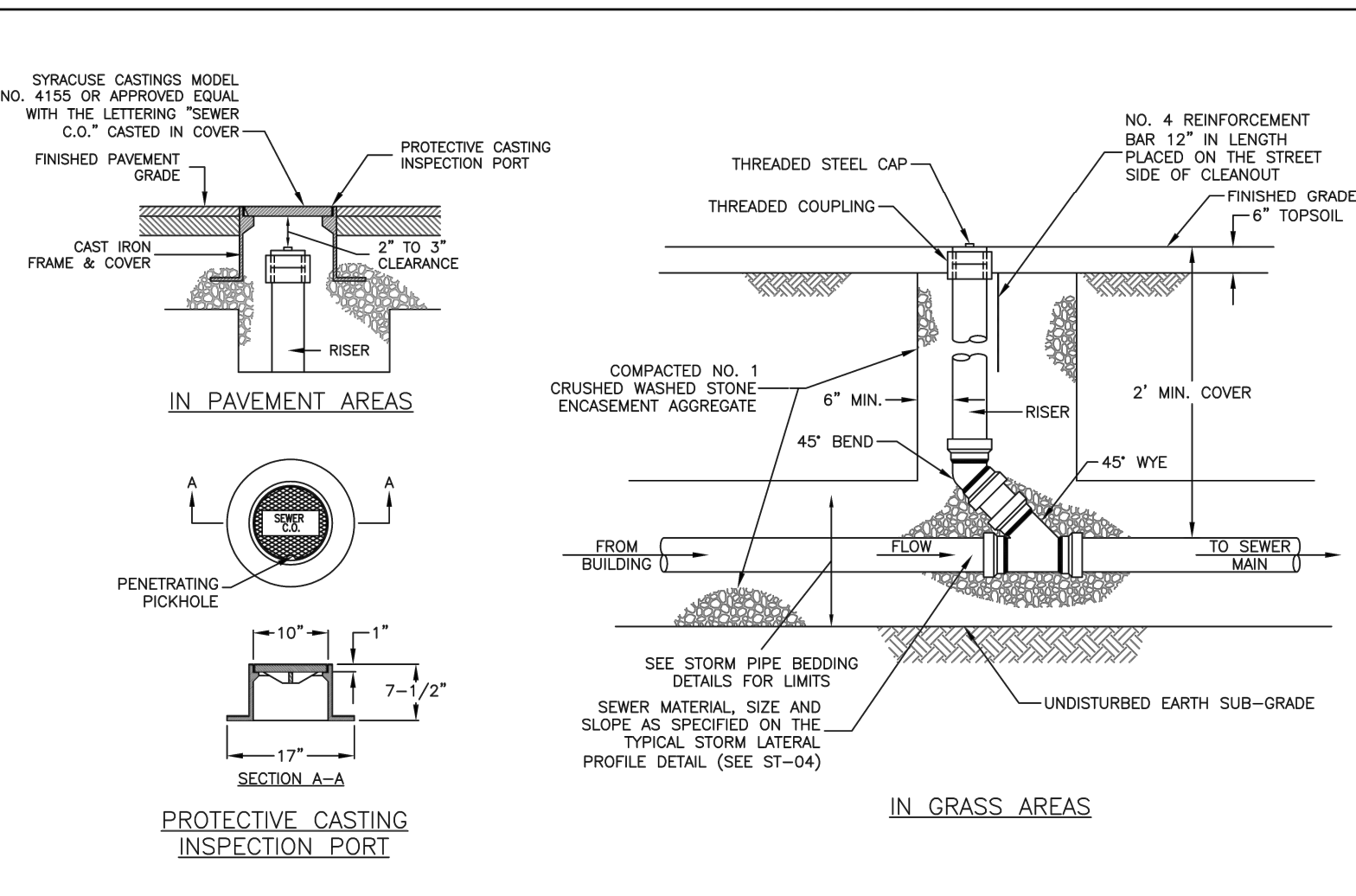
STORM MANHOLE INVERT CONFIGURATIONS & DIMENSIONS
 SCALE: N.T.S.
 DATE: 11/15/2011
 ST-10



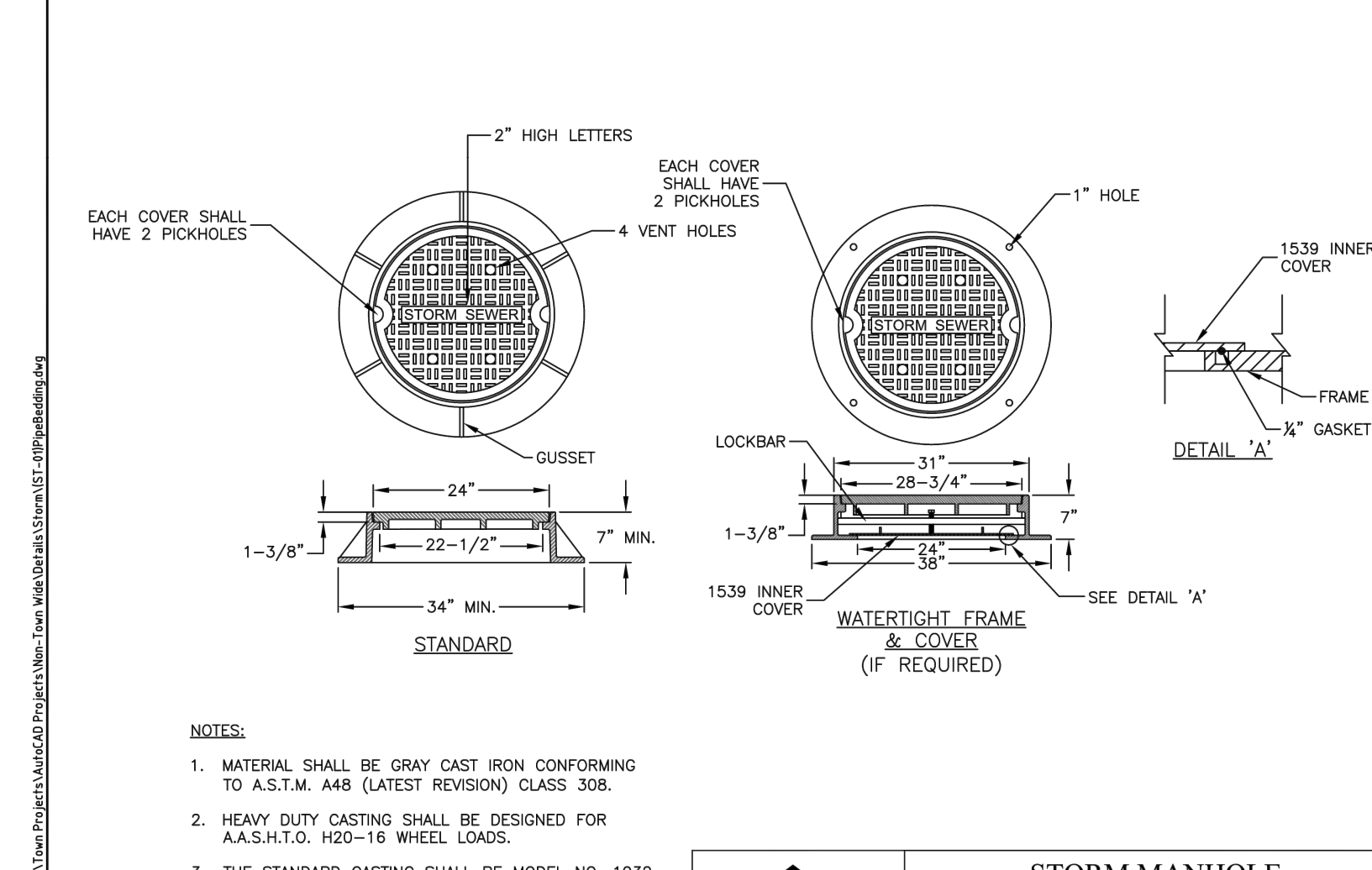
FIELD INLET DETAIL
 SCALE: N.T.S.
 DATE: 9/29/2015
 ST-16

Drawing Alteration
 The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
 "It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if on item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall file to the item his seal and the notation altered by followed by his signature and the date of such alteration, and a specific description of the alteration."

NO.	REVISIONS	DATE	BY
7			
6			
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STORM LATERAL CLEANOUT
 SCALE: N.T.S.
 DATE: 11/15/2011
 ST-07

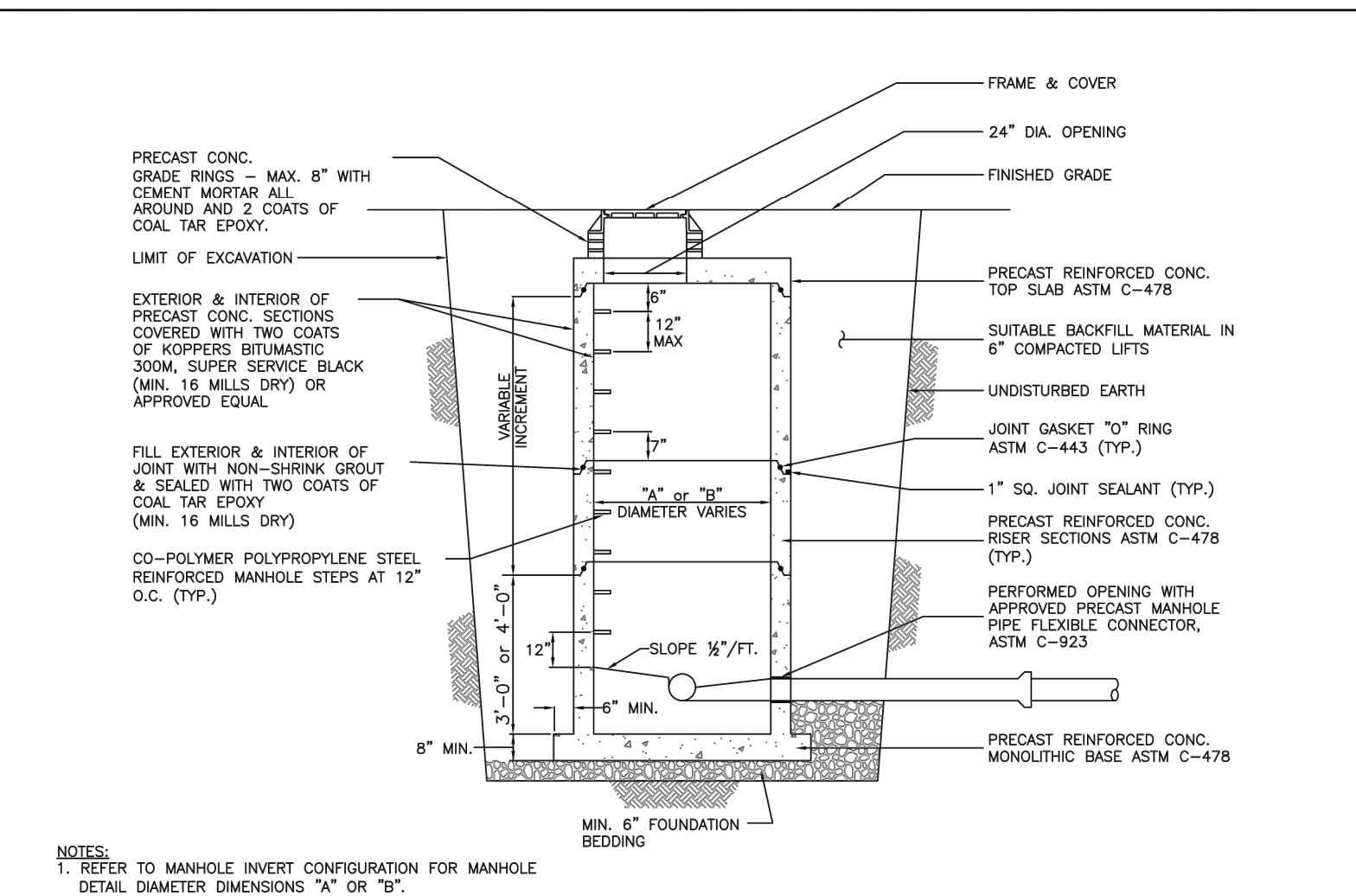


STORM MANHOLE FRAME AND COVER
 SCALE: N.T.S.
 DATE: 11/15/2011
 ST-11

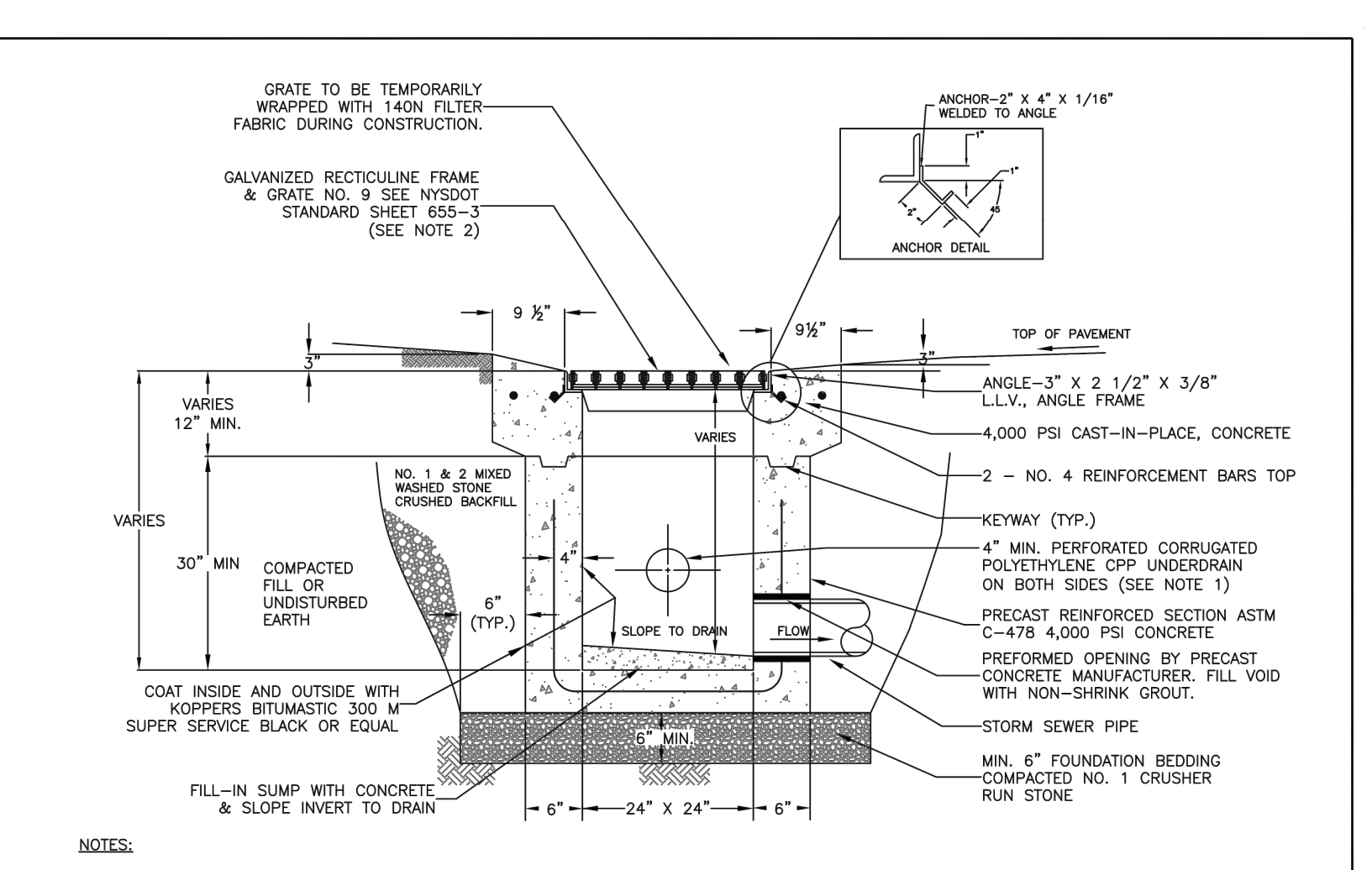
CONDITION	SCHEMATIC	REQUIREMENTS
I WATER LINE ABOVE SEWER LINE		A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) BACKFILL WITH COMPACTED CRUSHER RUN STONE.
II WATER LINE ABOVE SEWER LINE		A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) WHEN BOTH WATER LINE AND SEWER LINE ARE NEW, SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. WHEN ONE LINE IS EXISTING, SLEEVE PIPE BEING INSTALLED WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. C) BACKFILL WITH COMPACTED CRUSHER RUN STONE.
III SEWER LINE ABOVE WATER LINE		A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. 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.

NOTES
 WL (WATER LINE)
 SL (SEWER LINE)
 D (OUTSIDE DIAMETER OF PIPE)
 IN NO CASE SHALL PIPES BE CLOSER THAN 18\"/>

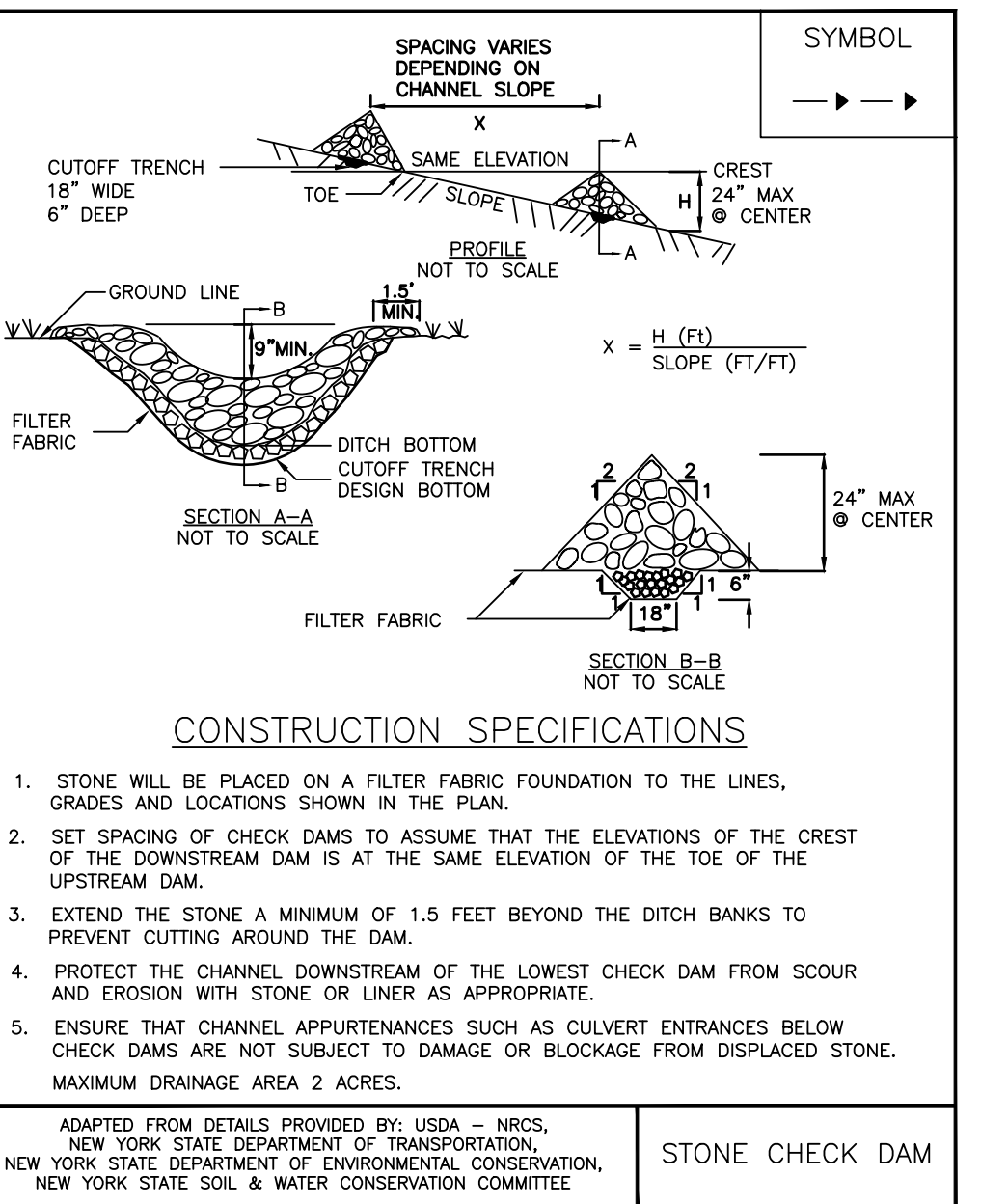
WATERMAIN/SEWER CROSSING DETAIL (N.T.S.)



PRECAST STORM MANHOLE DETAIL
 SCALE: N.T.S.
 DATE: 11/15/2011
 ST-08



CATCH BASIN - GUTTER APRON
 SCALE: N.T.S.
 DATE: 11/15/2011
 ST-15



STONE CHECK DAM

BME ASSOCIATES
 ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
 PHONE 585-377-7360
 10 LEBRONG DRIVE EAST
 AVON, NEW YORK 14600
 WWW.BMEAC.COM

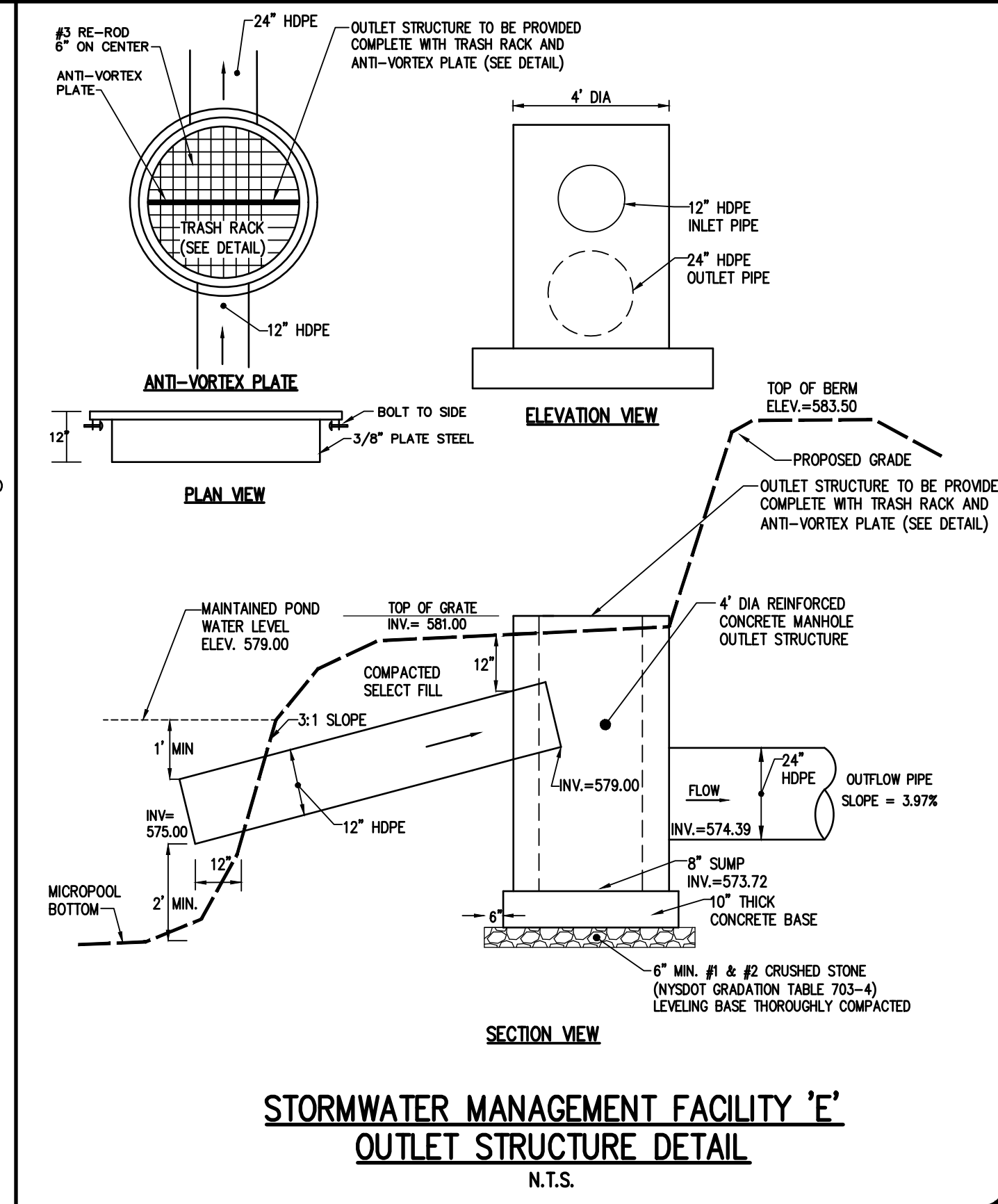
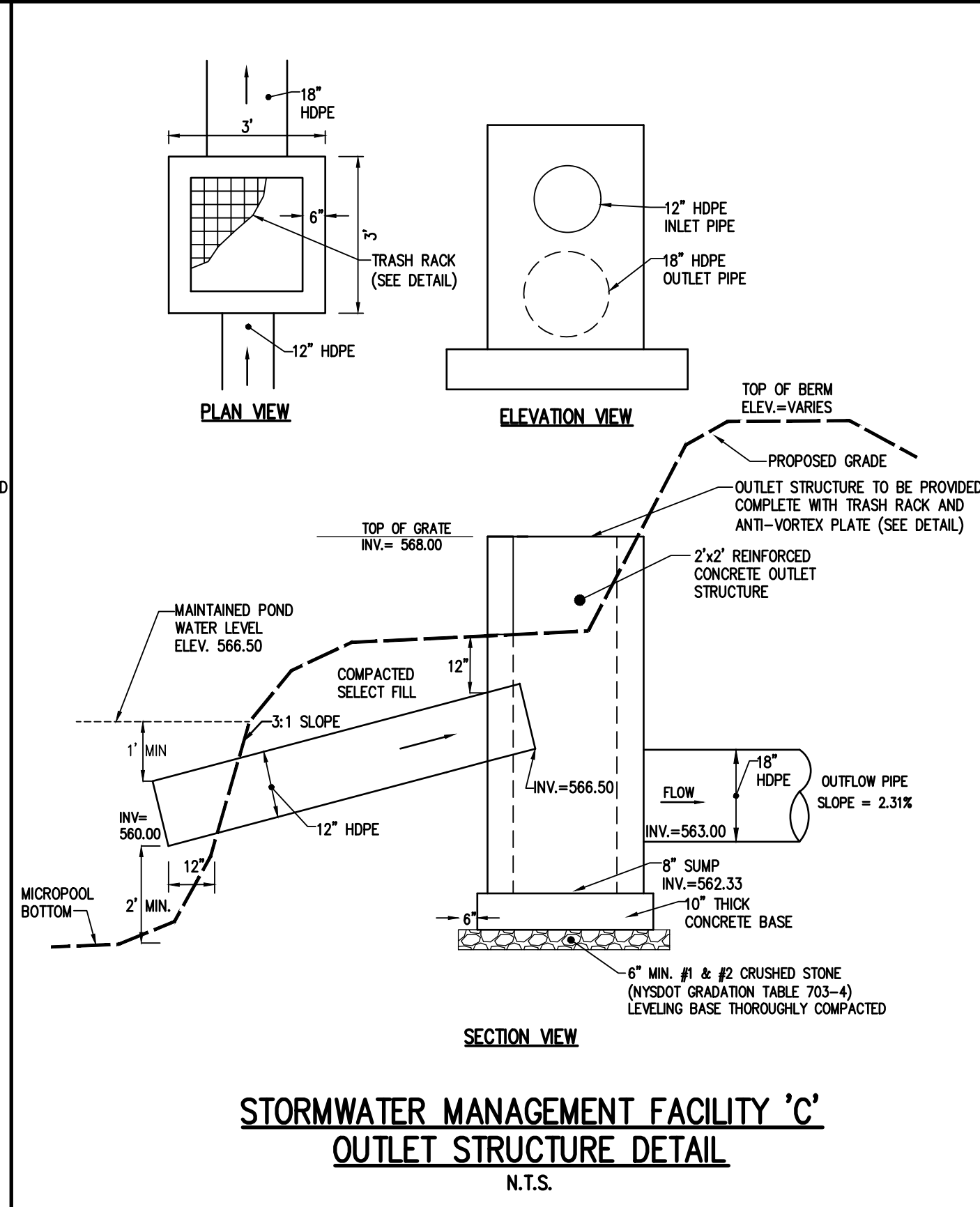
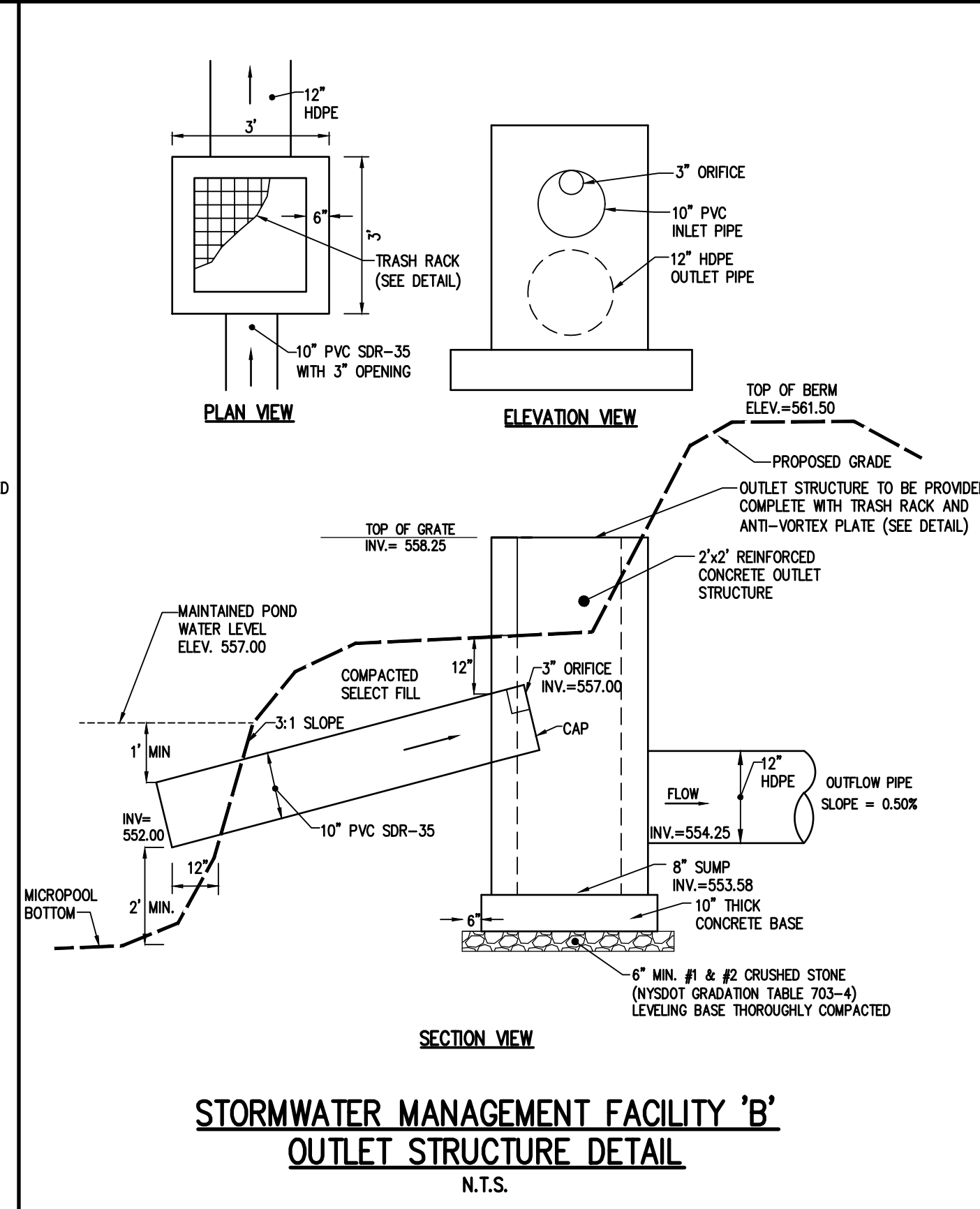
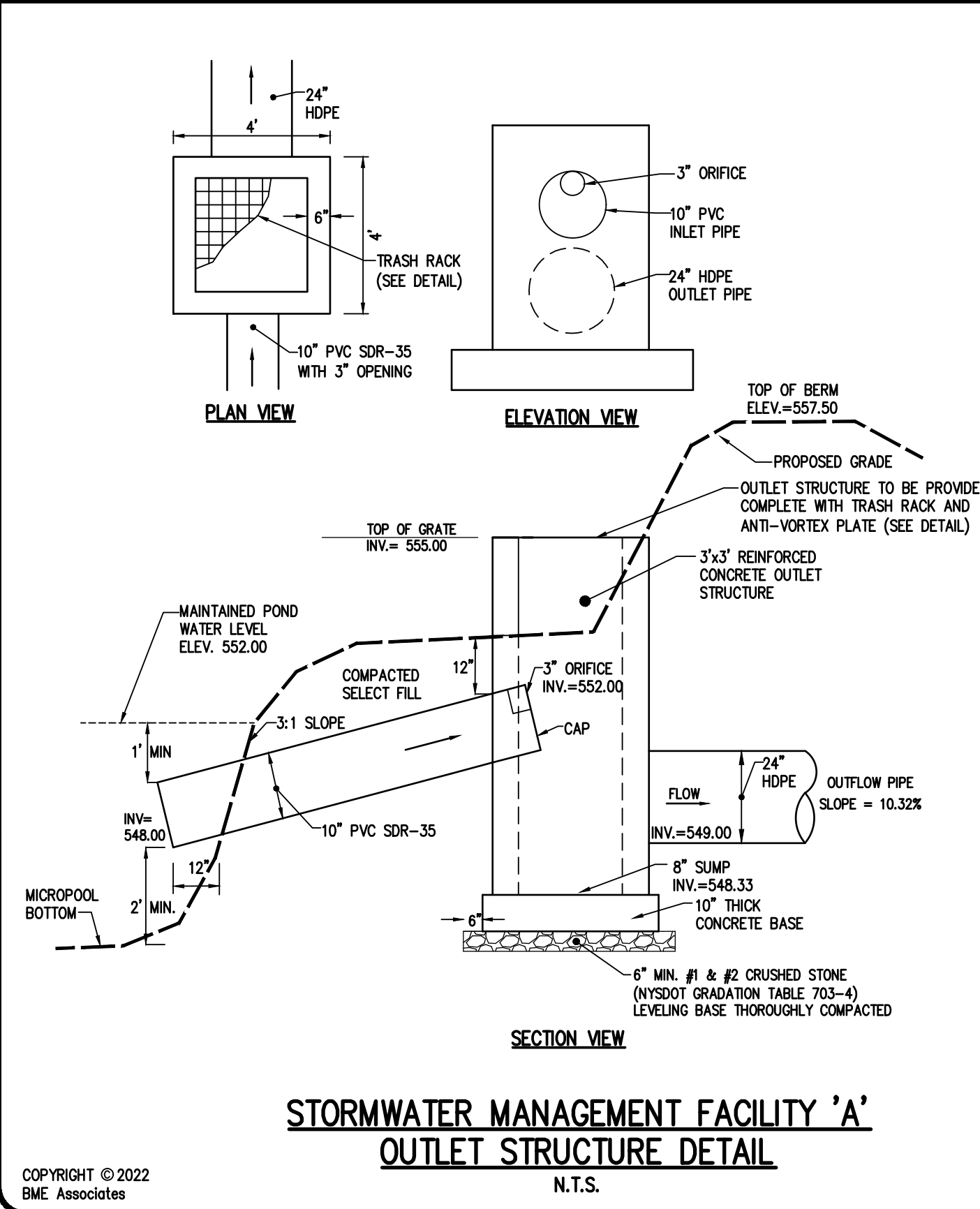
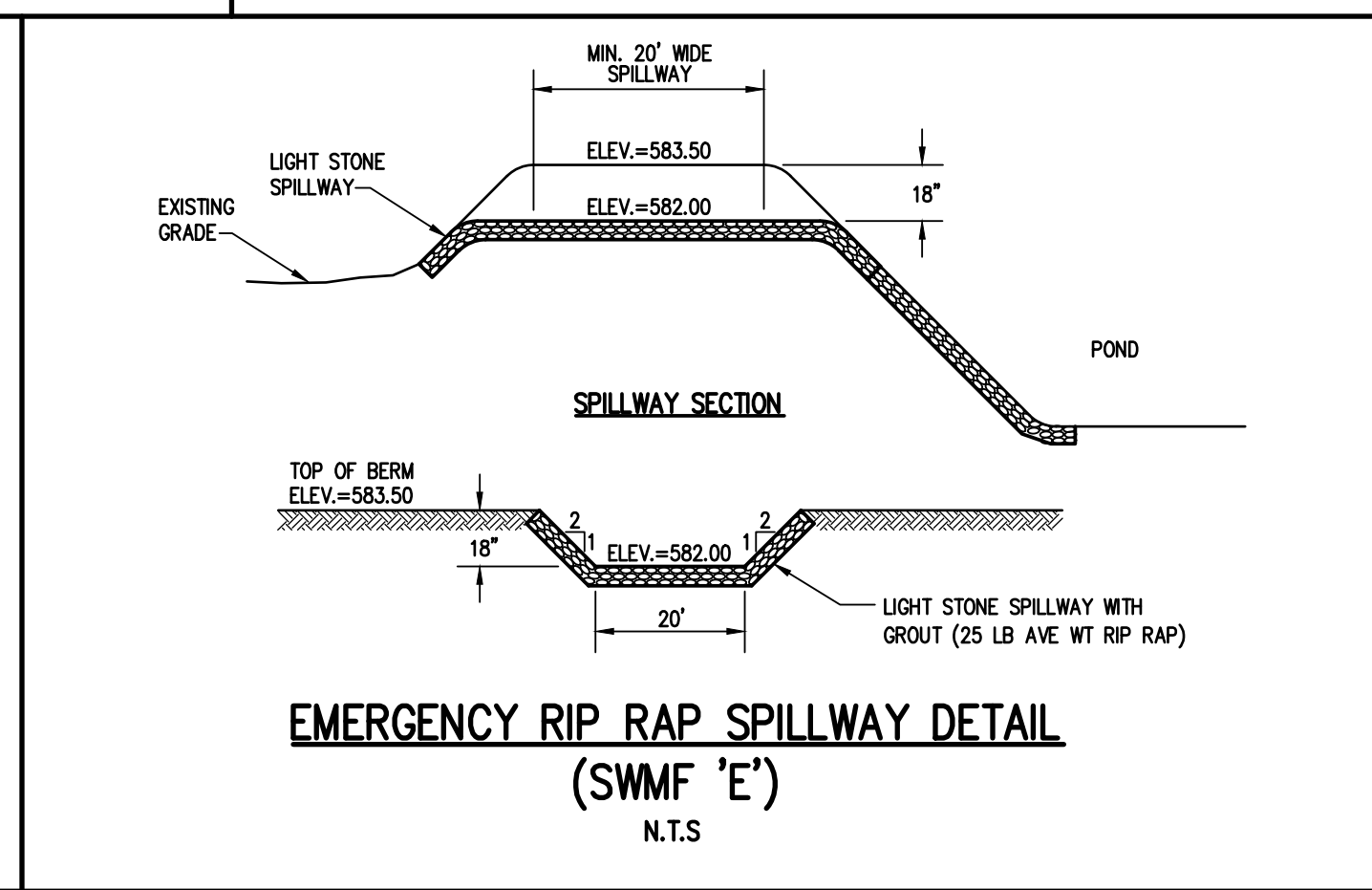
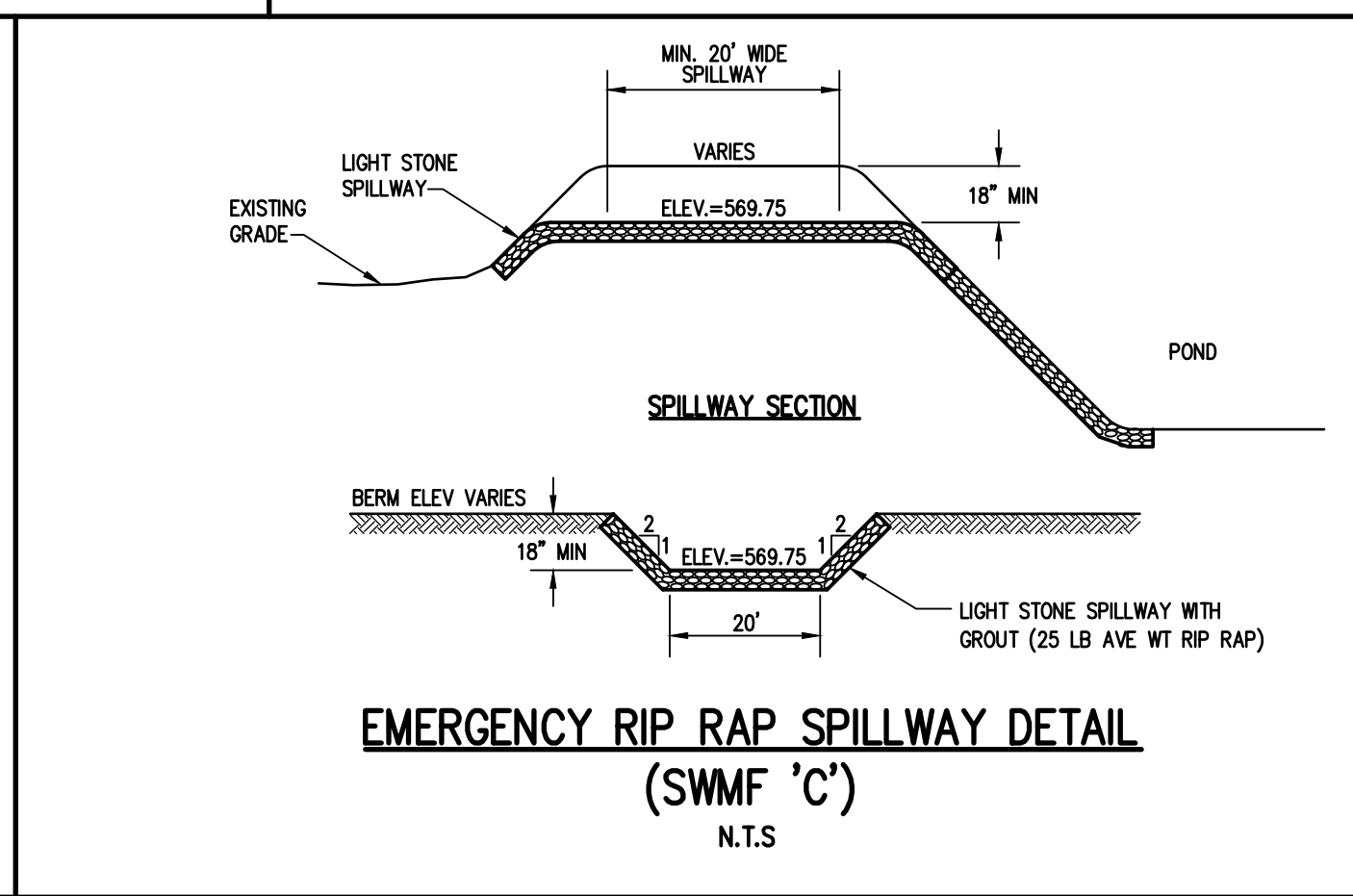
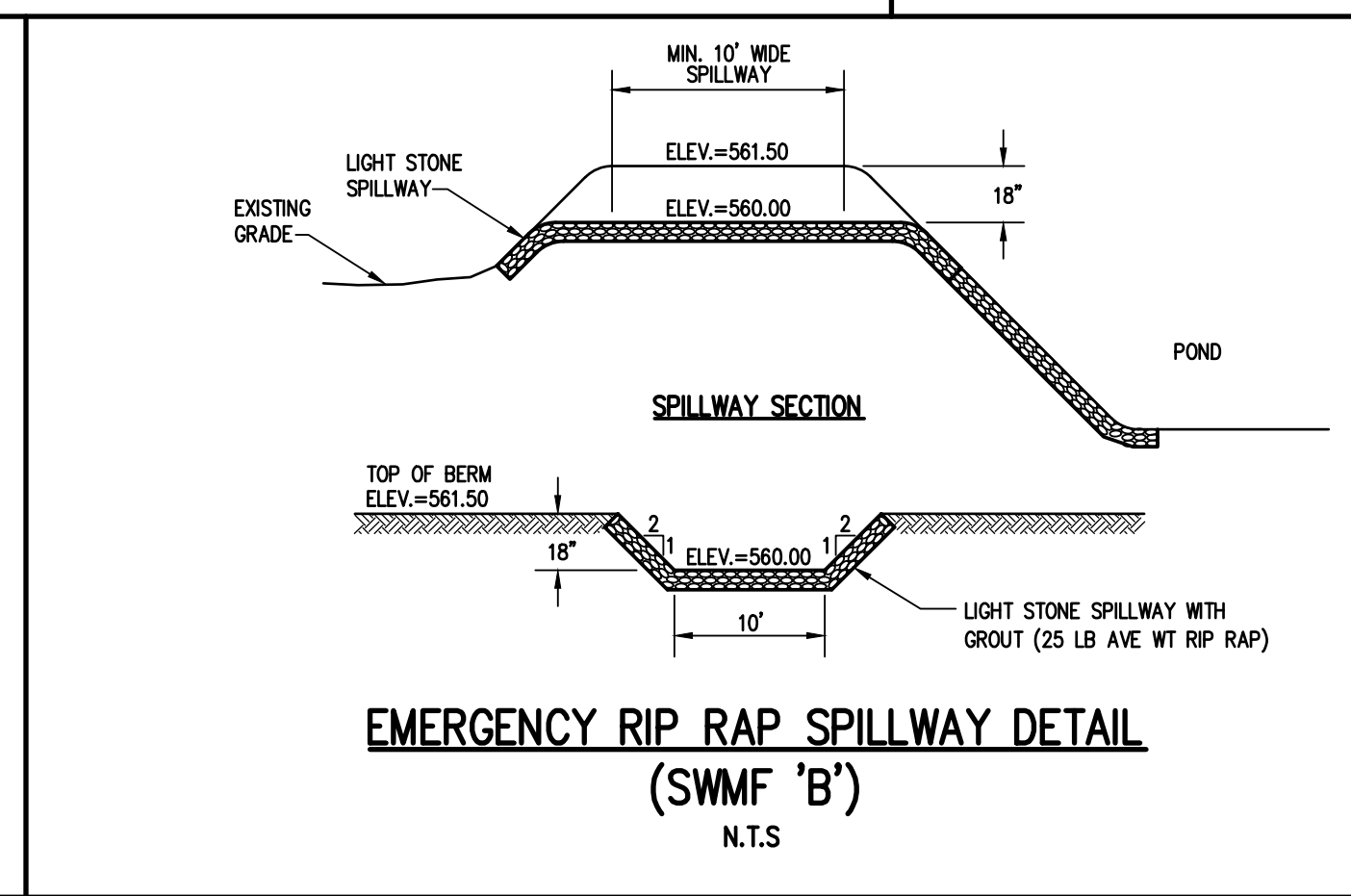
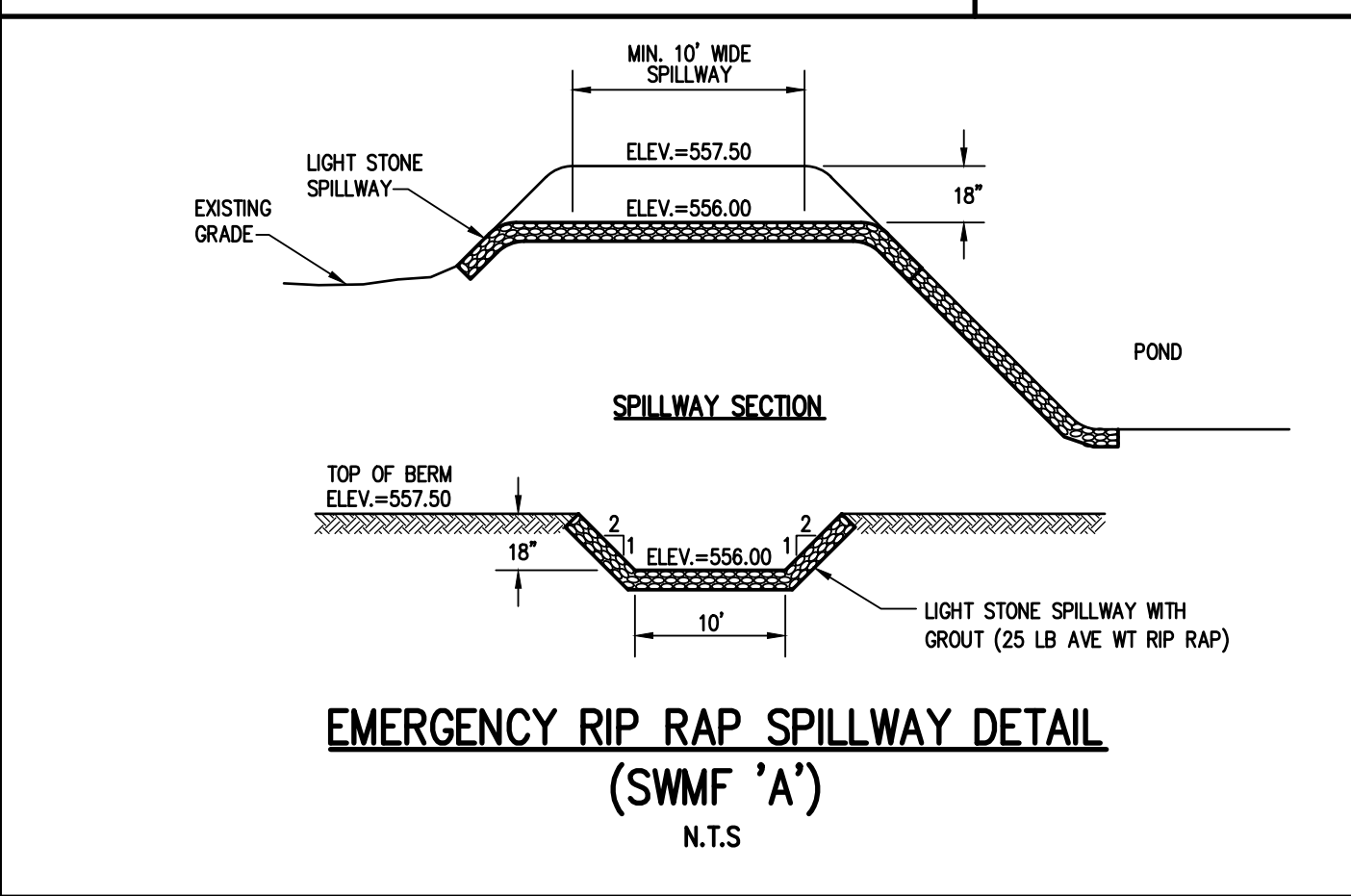
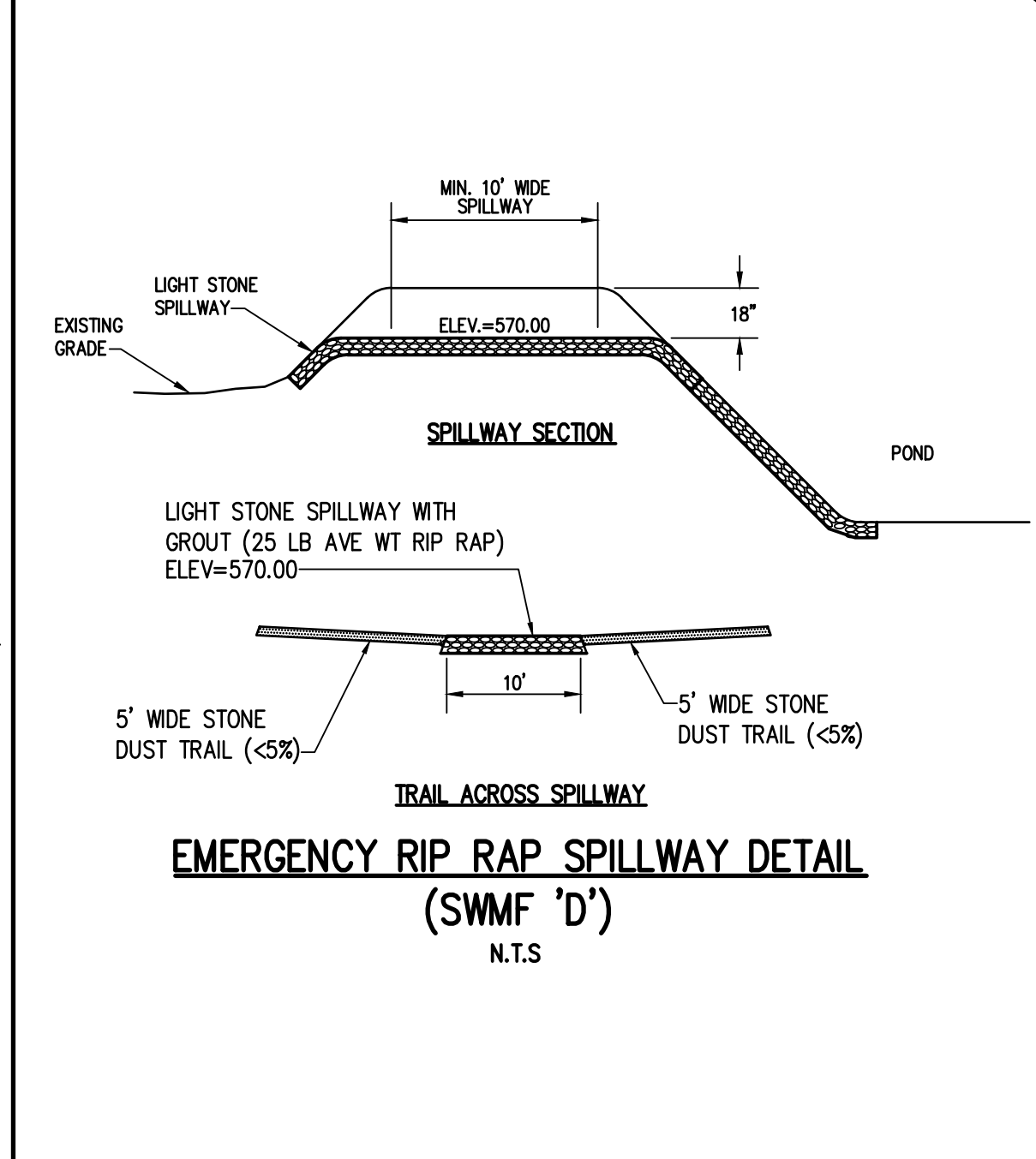
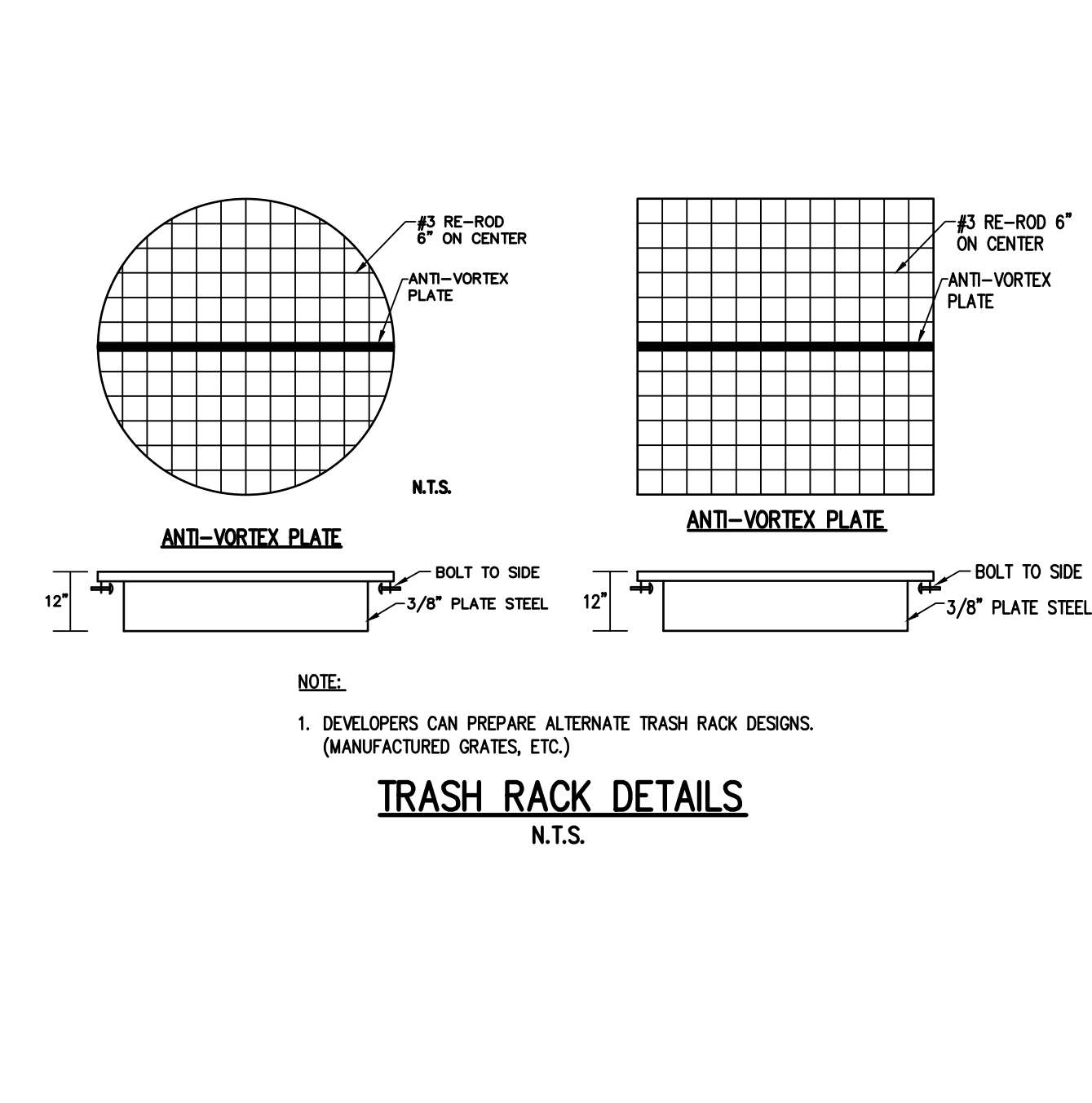
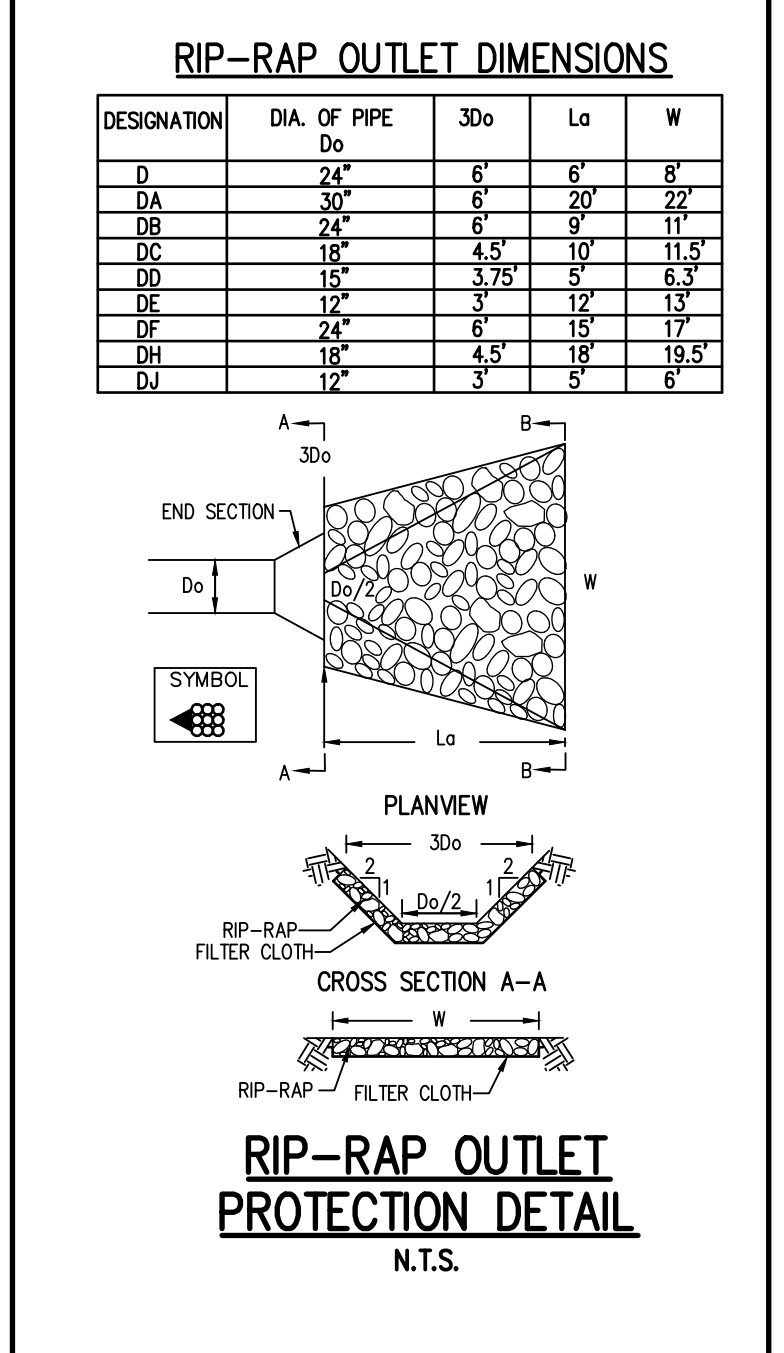
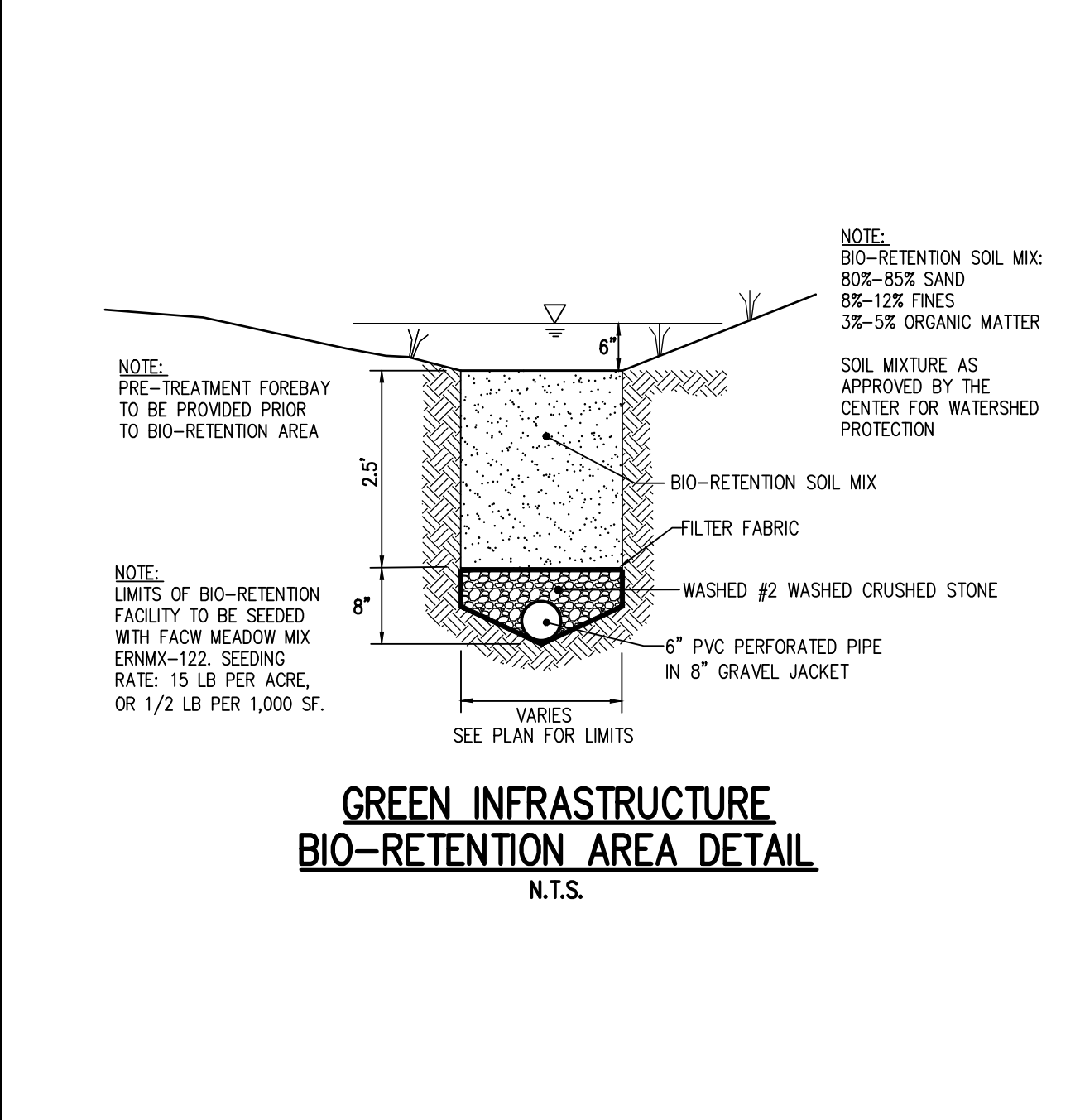
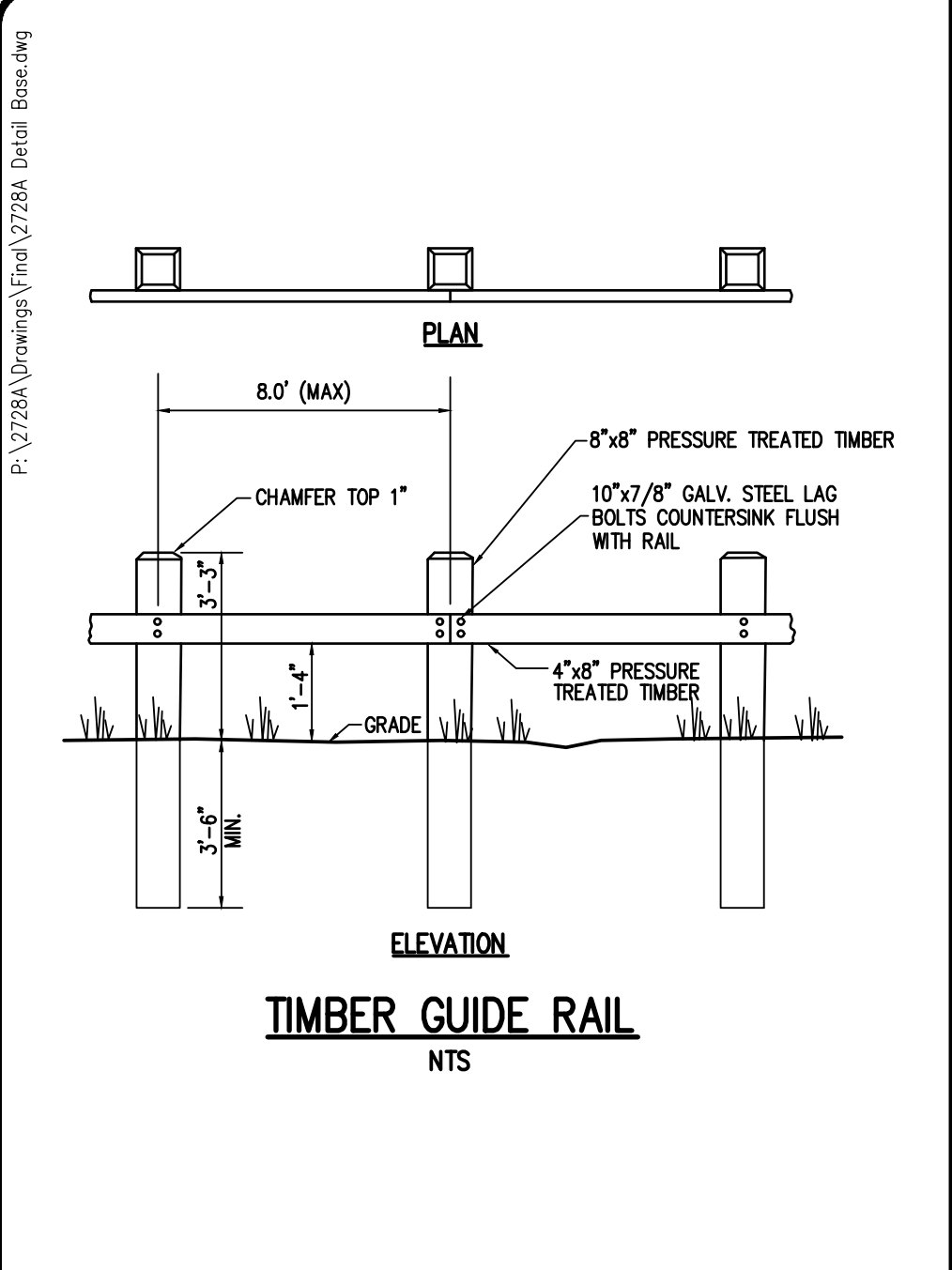


LEHIGH RIDGE
 TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
 LEHIGH RIDGE, LLC
 1112 EAST RIVER ROAD
 AVON, NEW YORK 14414

PROJECT LOCATION CLIENT DRAWING TITLE
 PROJECT: LEHIGH RIDGE
 LOCATION: TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK STATE
 CLIENT: LEHIGH RIDGE, LLC
 DRAWING TITLE: FINAL SECTION 1 DETAIL SHEET

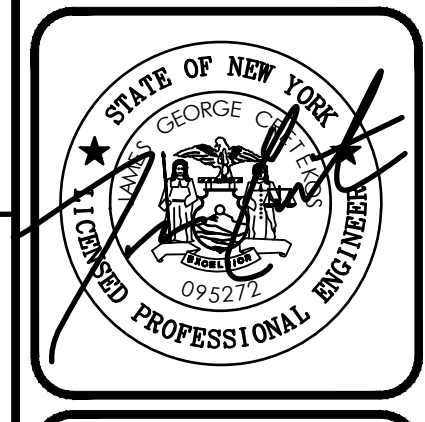
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 PROJECT MANAGER: PG VARS
 DATE: [blank]
 PROJECT ENGINEER: JG CRETEKOS / AP BEYLER
 DATE: [blank]
 DRAWN BY: AN D'ANGELO
 DATE: [blank]

SCALE DATE ISSUED PROJECT NO. DRAWING NO.
 SCALE: N/A
 DATE ISSUED: AUGUST 15, 2023
 PROJECT NO.: 2728A
 DRAWING NO.: 38 (SHEET 5 OF 6)



NO.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

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 AVON, NEW YORK 14414

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER DATE
 PG VARS
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 DRAWN BY DATE
 AN D'ANGELO
 SCALE DATE ISSUED
 N/A AUGUST 15, 2023
 PROJECT NO.
 2728A
 DRAWING NO.
 39
 (SHEET 6 OF 6)