



**TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS**

PROJECT NAME: FUCHECK SUBDIVISION
PROJECT NO.: 2021-31
PROJECT LOCATION: SECTION 6, BLOCK 1, LOT 11 & 12
REVIEW DATE: 11 APRIL 2024
MEETING DATE: 18 APRIL 2024
PROJECT REPRESENTATIVE: VERMA ENGINEERING & CONSULTING

1. The application materials must be updated to correspond to the most recent lot count. Application materials must be signed by all record owners of all lots involved in the subdivision and/or proxies for all owners should be submitted.
2. Planning Board Attorney Cordisco's comments regarding construction of the private road within the right-of-way across adjoining property should be received.
3. A Private Road Access Maintenance Agreement will be required.
4. The private road must be designed consistent with the Town of Newburgh Chapter 161- Street Specifications. Chapter 161-8 Dead Ends, requires a cul-de-sac 100 foot right of way diameter and a fifty foot diameter pavement.
5. In accordance with Town Code Section 167- Stormwater Management, a Stormwater Management Plan must be submitted. "157-4(5)" approval of a plan which proposes construction of a town road or private road. A Stormwater Pollution Prevention Plan addressing both water quantity and quality must be provided. All stormwater management facilities must be incorporated into the Private Road Access and Maintenance Agreement for long term operation and maintenance.
6. Cross grading easements must be provided based on current grading plan.
7. The separation distances between the subsurface sanitary sewer disposal systems and wells should be further reviewed. Location of the subsurface sanitary sewer disposal system on proposed Lot #3 appears to be upgradient of the well proposed on Lot#2. Similar comment for the well and septic on Lot #11.
8. Additional contours should be labeled for clarity.
9. Evaluate the need for a culvert at station 10 + 00 on the private roadway.

NEW YORK OFFICE

33 Airport Center Drive, Suite 202, New Windsor, NY 12553
845-567-3100 | F: 845-567-3232 | mheny@mhepc.com

PENNSYLVANIA OFFICE

111 Wheatfield Drive, Suite 1, Milford, PA 18337
570-296-2765 | F: 570-296-2767 | mhepa@mhepc.com

10. Prior to final approval of the plans, security for the construction and inspection fees of the private roadway will be required. A cost estimate for the private roadway should be submitted for review and approval.
11. A Location Map should be provided on the plans. The current Location Map does not give sufficient information for the project location. Location Map depicted on pg. 3 of 6 merely identifies roadways with leader arrows.
12. The previous comment regarding wetland delineation identified that a letter from NYSDEC was provided. Please provide delineation of the Federal Wetlands boundary on the site should be undertaken, particularly on proposed 1-1.
13. Comments from the Highway Superintendent regarding the location of the private roadway connecting to the cul-de-sac on Tarben Way should be received.
14. Compliance with the Town's Tree Preservation Ordinance must be provided.

Respectfully submitted,

MHE Engineering, D.P.C.



Patrick J. Hines
Principal
PJH/lm/kbw



Verma Engineering & Consulting
31 Elk Road
Hopewell Junction, NY 12533

April 8, 2024

Mr. John Ewasutyn et al
Town of Newburgh Planning Board

RE: MHE Project Number 2021-31, Fuchek Subdivision

Mr. Ewasutyn:

The revised application for the minor subdivision application for the above referenced project, located near 26 Tarban Way, Newburgh, New York on Tax Parcels Section 6, Block 1, Lots 11 and 12, is attached. This application was previously heard on January 18, 2024.

Please let me know which planning board meeting this will be heard at, and if you have any questions or comments on this submittal.

Sincerely,

Verma Engineering & Consulting

Rahul Verma, P.E.
Principal Engineer



RESPONSE TO MHE January 18, 2024 COMMENTS

The following responses are provided. The original comment is in *italics*.

Comment 1. The Town of Newburgh Planning Board declared its intent for Lead Agency on 18 November 2021, with a mailing date of 24 November 2021. The project was identified as a Type I Action disturbing greater than 2.5 acres in an Agricultural Zone. The most recent EAF submitted for the project no longer identifies the project in an AG District, however Lead Agency circulation has been complete.

Response 1: No response required.

Comment 2. Updated application proxies should be submitted permitting the applicants representative to appear before the board.

Response 2: Updated Proxy forms were submitted on January 18, 2024.

Comment 3. The application material identifies minor subdivision, while the subdivision will result in 6 lots total with 5 being less than 5 acres, resulting in a Major Subdivision. Orange County Health Department approval for the Major Subdivision is also required.

Response 3: Plans have been revised to show two lots >5 acres and four lots < 5 acres.

Comment 4. The previous subdivision submitted contained 5 lots where the current subdivision identifies 6 total lots. Additional application fees and escrow deposits are required.

Response 4: Owner will provide.

Comment 5. The applicant's representative are requested to evaluate the private roadway with regard to the 90° turns depicted on the pavement.

Response 5: Plans have been revised.

Comment 6. The private road right-of-way must be depicted on the proposed lots. Front yard setbacks are taken from the resulting 50 foot wide right-of-way.

Response 6: Plans have been revised.



Comment 7. Additional information should be provided on the private road profile. Vertical curve information should be provided. A 7% grade from the cul-de-sac should be evaluated with a smoother transition.

Response 7: Plans have been revised. The proposed private road includes a 120 ft hammerhead at the end in accordance with Appendix D of the 2020 NYS Fire Code.

Comment 8. Well location should be depicted on all lots and a detail of proposed well is required.

Response 8: Plans have been revised.

Comment 9. Subsurface sanitary sewer disposal designs will be required to be submitted.

Response 9: Plans have been revised.

Comment 10. Security for the construction and inspection fees for review of the private roadway are required.

Response 10: Owner will provide.

Comment 11. In accordance with the Town's Stormwater Management Regulations Section 157-4A(5) "a Stormwater Pollution Prevention Plan is required due to the construction of the private roadway."

Response 11: A SWPPP will be prepared.

Comment 12. A survey of the property prepared by a NYS Licensed Surveyor is required. A subdivision plat prepared by a surveyor including metes and bounds for all lots must be submitted.

Response 12: The preliminary subdivision plat is submitted in this application.

Comment 13. A Location Map should be depicted on the plans, in an appropriate scale.

Response 13: Plans have been revised.

Comment 14. It is noted that the majority of the soil testing for septic systems are not located in the areas of the proposed septic systems. Actual deep and percolation tests within the footprint of the septic system and expansion areas are required. 100% expansion areas are shown, while 50% expansion areas are required.

Response 14: Plans have been revised.



Comment 15. The location of the sanitary sewer disposal system on the existing Lot 12-1 as identified on the plans should be depicted.

Response 15: Plans have been revised.

Comment 16. Grading is depicted crossing lot lines. Cross grading easements must be established where grading is proposed to cross lot lines for each lot.

Response 16: Owner will provide.

Comment 17. A 100 foot wetland buffer is depicted on proposed Lot 11-1. The proposed structure is located inside what is depicted as a buffer. In addition, the private roadway is depicted in the area of the buffer in many locations.

Response 17: Plans have been revised to clarify this line is a 100 foot SSDS offset from the wetland.

Comment 18. A Federal Wetland Delineation should be provided to identify the boundaries of the wetlands on the plans. The cover letter identifies that an email from NYSDEC was received regarding their jurisdiction. A copy of this should be provided.

Response 18: The correspondence is attached.

Comment 19. Private Road Access and Maintenance Agreements are required. Modification to the existing Private Road Access Agreement is most likely required as well. Comments from the Planning Board Attorney regarding this should be received.

Response 19: Owner will provide.

Comment 20. Comments from the Highway Superintendent regarding the proposed private road location should be received.

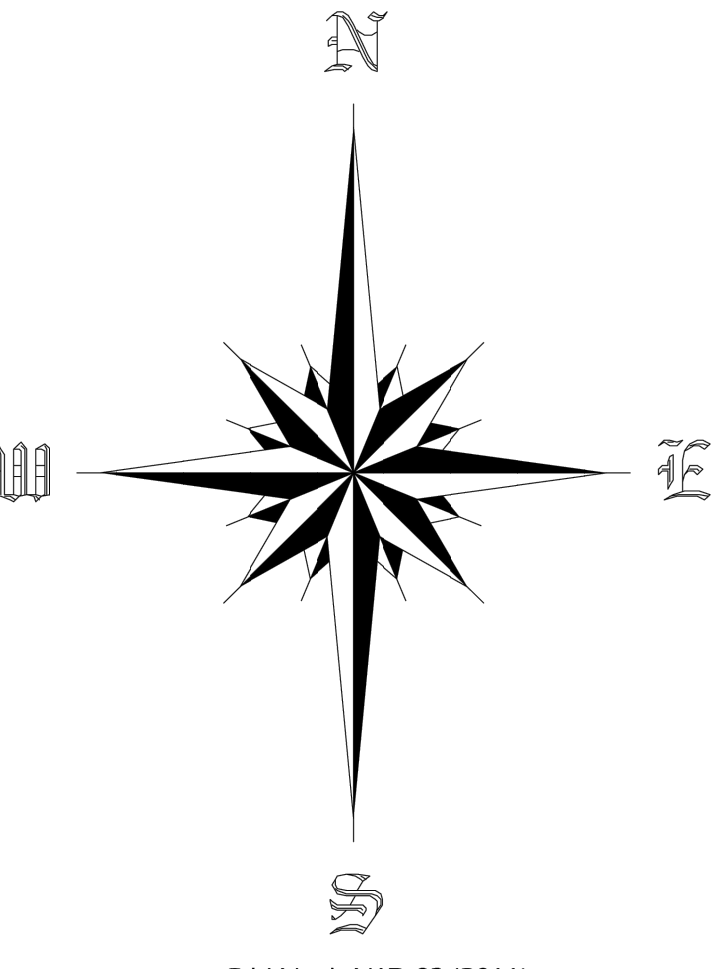
Response 20: The plans were submitted to Mr. Mark Hall on April 4, 2024.

Comment 21. The size of the culverts at the existing driveway future private road should be identified along with inverts of the culverts.

Response 21: Plans have been revised.

Comment 22. Additional review will be undertaken upon receipt of detailed design plans.

Response 22: No response required.



Grid North NAD 83 (2011)

| LINE | BEARING | DISTANCE |
|------|---------------|----------|
| L1 | N 16°36'10" E | 49.55' |
| L2 | N 11°22'21" E | 24.86' |
| L3 | S 78°57'39" E | 50.00' |
| L4 | S 11°22'21" W | 24.86' |
| L5 | S 16°37'10" W | 30.24' |

| CURVE | RADIUS | ARC LENGTH | CHORD LENGTH | CHORD BEARING |
|-------|---------|------------|--------------|---------------|
| CT | 50.00' | 52.41' | 50.04' | N 36°31'28" W |
| C2 | 75.00' | 53.38' | 52.26' | N 36°59'33" E |
| C3 | 125.00' | 85.53' | 83.87' | S 36°13'18" W |

Certification:
I hereby certify that this map was prepared from deeds and maps of record, and an accurate survey performed by me.

Certified to:
Ray & Dawn Fuchek
Daniel & Elissa Dickinson



Terry G. Ringler, Jr., L.S.
N.Y.S. License No. 050165

Lands Now Or Formerly
Tarben, Inc.
Liber 14110 / Page 1620

Lands Now Or Formerly
Bambrick Builders, Inc.
Liber 14829 / Page 1099
Lot 10 Reference Map 5

Lands Now Or Formerly
Bambrick Builders, Inc.
Liber 14781 / Page 443
Lot 9 Reference Map 5

Lands Now Or Formerly
John Lagreca & Deborah Lagreca
Liber 14806 / Page 1823
Lot 8 Reference Map 5

Lands Now Or Formerly
Cynthia Mazzola Martinez
Liber 14711 / Page 802

Lands Now Or Formerly
David Leroy
Liber 12950 / Page 440

Parcel 1
Area = 4.408 +/- Acres

Parcel 2
Area = 11.974 +/- Acres

Lands Now Or Formerly
Henry L. Specht, Jr. & Stacy E. Specht
Liber 12175 / Page 1272

Lands Now Or Formerly
Henry L. Specht, Jr. & Stacy E. Specht
Liber 12175 / Page 1272

- NOTES:
1. Unauthorized alteration or addition to a survey map bearing a licensed Land Surveyor's seal is a violation of section 7209, sub-division 2 of the New York State Education Law.
 2. Only copies from the original of this survey marked with an original of the land surveyor's seal shall be considered valid true copies.
 3. Certifications indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc. Said certification shall run only to the person for whom the survey is prepared and on his behalf the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Certifications are not transferable to additional institutions or subsequent owners.
 4. The location of underground improvements or encroachments, if any exist or are shown hereon, are not certified.
 5. This map may not be used in connection with a "Survey Affidavit" or similar document, statement or mechanism to obtain title insurance for any subsequent or future grantees.
 6. Subject to any and all utility easements of record if any.
 7. Together with a 50' wide right of way as shown upon filed map number 274-16 and per Liber 2223 of Deeds at page 957 and Liber 2229 of Deeds at page 233.
 8. Wetland boundary shown hereon was flagged by Mike Nowicki, in April 2021 and field located by this survey.

- REFERENCE DEEDS:
- Parcel 1
Donald Glas et al to Ray Fuchek and Dawn Fuchek by deed dated March 14, 2006 and recorded in Liber 12152 of Deeds at page 441 on May 11, 2006 in the Orange County Clerk's Office.
- Parcel 2
Ray Fuchek and Dawn Fuchek to Daniel Dickinson and Elissa Dickinson by deed dated September 10, 2015 and recorded in Liber 13979 of Deeds at page 1220 on December 7, 2015 in the Orange County Clerk's Office.

- REFERENCE MAPS:
- 1) Filed Map Number 9463
Recorded on: April 27, 1989
By: Lewis T. Powell
 - 2) Filed Map Number 75-97
Recorded on: April 7, 1997
By: Vincent J. Doce
 - 3) Filed Map Number 469-04
Recorded on: July 14, 2004
By: Lanc & Tully
 - 4) Filed Map Number 471-06
Recorded on: June 6, 2006
By: Lanc & Tully
 - 5) Filed Map Number 274-16
Recorded on: October 5, 2016
By: Anthony D. Valdina

Survey Map
of lands
of
Ray & Dawn Fuchek
and
Daniel & Elissa Dickinson
situate in
Town of Newburgh
County of Orange
State of New York

Scale: 1 Inch = 60 Feet

May 18, 2021
Prepared by:
Ringler Land Surveying, PLLC
P.O. Box 312, Kerhonkson NY 12446
(845) 389-1764

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**VERMA
ENGINEERING &
CONSULTING**

RAHUL VERMA, P.E.
HOPEWELL JUNCTION, NEW YORK
RAHUL@VERMAENGINEERING.COM
914-924-7816

THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON FROM ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, WHERE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER MUST SIGN, SEAL, DATE AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS. (NYS EDUCATION LAW SECTION 7209-2)

THE INFORMATION
PROVIDED ON THIS
SHEET HAS BEEN
PREPARED BY OTHERS
AND BEARS THE SEAL
OF THE RESPONSIBLE
PROFESSIONAL.

**FUCHEK MINOR SUBDIVISION
EXISTING SURVEY**
26 TARBAN WAY

NEW YORK
ORANGE COUNTY
TOWN OF NEWBURGH

APPLICANT NAME: RAY FUCHEK
234 ORLEANS ROAD
NEWBURGH, NY 12550

| No. | Date | Revision |
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| FOR REDUCED PLANS: ORIGINAL IN INCHES | |
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| 0 | 2.0 |
| 0.5 | 1.0 |
| 1.0 | 0.5 |
| 1.5 | 0.25 |
| 2.0 | 0.125 |

PROJECT #
23-1005

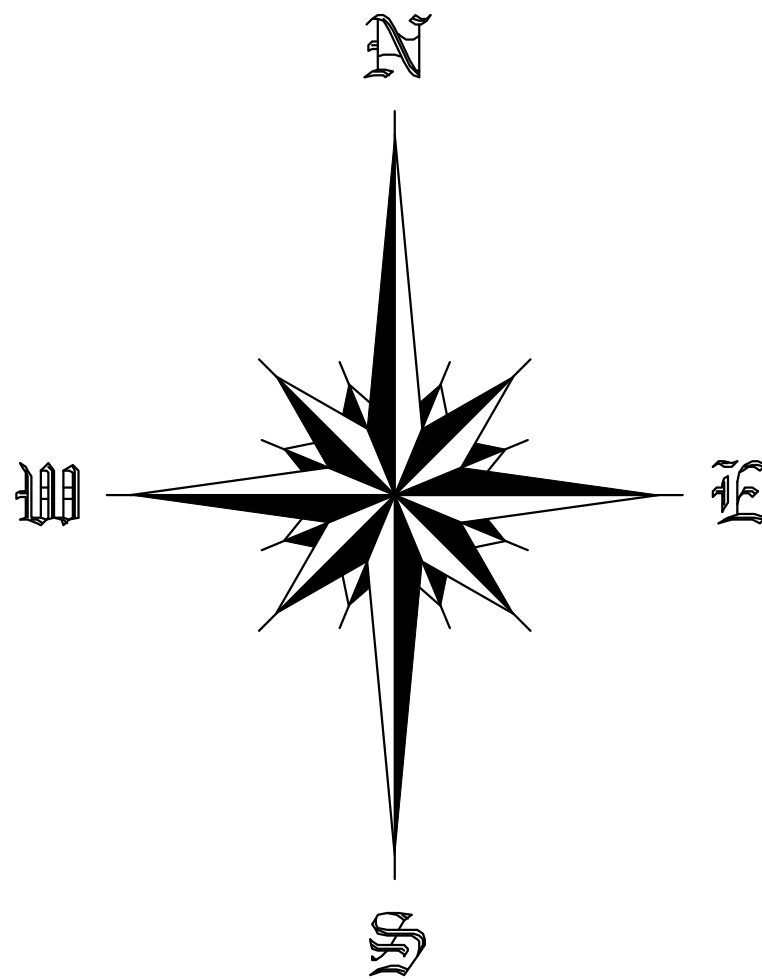
DATE:
DEC. 20, 2023

SCALE:
AS SHOWN

DRAWN BY:
RV

1

SHEET NUMBER
SHEET 1 OF 6



Grid North NAD 83 (2011)

| LINE | BEARING | DISTANCE |
|------|---------------|----------|
| N 1 | N 18°56'10" E | 29.50' |
| N 2 | N 11°22'21" E | 74.00' |
| N 3 | S 78°57'59" W | 52.00' |
| N 4 | S 18°24'14" W | 26.95' |
| N 5 | S 11°22'21" W | 9.85' |
| N 6 | N 76°05'26" W | 17.00' |
| N 7 | S 13°24'14" E | 37.00' |
| N 8 | N 76°05'26" W | 30.00' |
| N 9 | S 11°22'21" E | 20.00' |
| N 10 | N 11°22'21" E | 37.00' |
| N 11 | N 11°22'21" E | 37.00' |
| N 12 | N 11°22'21" E | 37.00' |
| N 13 | N 11°22'21" E | 37.00' |
| N 14 | N 76°05'26" W | 20.24' |

Lands Now Or Formerly Tarben, Inc. Liber 14110 / Page 1620

| CURVE | RADIUS | ARC LENGTH | CHORD BEARING | CHORD LENGTH |
|-------|---------|------------|---------------|--------------|
| C1 | 75.00' | 53.34' | N 30°59'45" E | 42.24' |
| C2 | 175.00' | 123.34' | N 30°59'45" E | 92.24' |
| C3 | 175.00' | 123.34' | S 59°00'15" W | 92.24' |
| C4 | 175.00' | 123.34' | S 59°00'15" W | 92.24' |
| C5 | 175.00' | 123.34' | N 31°05'28" W | 116.38' |

Lands Now Or Formerly Bambrick Builders, Inc. Liber 14829 / Page 1099 Lot 10 Reference Map 5

Lands Now Or Formerly Bambrick Builders, Inc. Liber 14781 / Page 443 Lot 9 Reference Map 5

Lands Now Or Formerly John Lagreca & Deborah Lagreca Liber 14806 / Page 1823 Lot 8 Reference Map 5

Lands Now Or Formerly Cynthia Mazzoia Martinez Liber 14711 / Page 802

Lands Now Or Formerly Henry L. Specht, Jr. & Stacy E. Specht Liber 12175 / Page 1272

Lands Now Or Formerly David Leroy Liber 12950 / Page 440

Lot 11-1
Area = 1.402 ± Acres
R.O.W. Area = 0.073 ± Acres
Net Area = 1.329 ± Acres

Lot 11-2
Area = 1.055 ± Acres
R.O.W. Area = 0.055 ± Acres
Net Area = 1.000 ± Acres

Lot 11-3
Area = 0.966 ± Acres
R.O.W. Area = 0.007 ± Acres
Net Area = 0.959 ± Acres

Lot 11-4
Area = 0.985 ± Acres
R.O.W. Area = 0.045 ± Acres
Net Area = 0.940 ± Acres

Lot 12-1
Area = 5.531 ± Acres
R.O.W. Area = 0.415 ± Acres
Net Area = 5.116 ± Acres

Lot 12-2
Area = 6.444 ± Acres
R.O.W. Area = 0.064 ± Acres
Net Area = 6.380 ± Acres

NOTES:

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- Subject to any and all utility easements of record if any.
- Together with a 50' wide right of way as shown upon filed map number 274-16 and per Liber 2223 of Deeds at page 957 and Liber 2229 of Deeds at page 233.
- Wetland boundary shown hereon was flagged by Mike Nowicki, in April 2021 and field located by this survey.
- 50' wide right of way for ingress and egress to Tarben Way with the rights to construct and maintain utility lines to the proposed lots shown hereon.

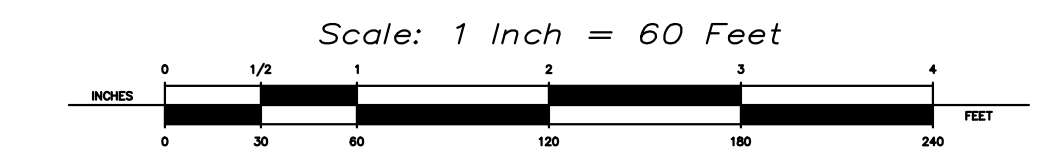
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- Filed Map Number 471-06 Recorded on: June 6, 2006 By: Lanc & Tully
- Filed Map Number 274-16 Recorded on: October 5, 2016 By: Anthony D. Valdina

Preliminary Survey Map
Minor Subdivision
Lands of
Ray & Dawn Fuchek
and
Daniel & Elissa Dickinson
situate in
Town of Newburgh
County of Orange
State of New York



April 3, 2024

Prepared by:
Ringler Land Surveying, PLLC
P.O. Box 312, Kerhonkson NY 12446
(845) 389-1764

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Certification:
I hereby certify that this map was prepared from deeds and maps of record, and an accurate survey performed by me.

Certified to:
Ray & Dawn Fuchek
Daniel & Elissa Dickinson

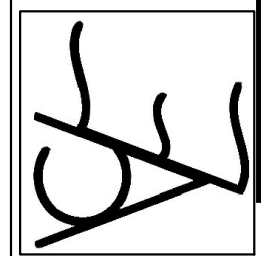


Terry G. Ringler, Jr. L.S.
N.Y.S. License No. 050165

Parcel 12
Total Area = 11.975 +/- Acres

Parcel 11
Total Area = 4.408 +/- Acres

VERMA
ENGINEERING &
CONSULTING



RAHUL VERMA, P.E.
HOPEWELL JUNCTION, NEW YORK
RAHUL@VERMAENGINEERING.COM
914-924-7816

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THE INFORMATION PROVIDED ON THIS SHEET HAS BEEN PREPARED BY OTHERS AND BEARS THE SEAL OF THE RESPONSIBLE PROFESSIONAL.

FUCHECK MINOR SUBDIVISION
PRELIMINARY SUBDIVISION PLAT
26 TARBAN WAY

APPLICANT NAME: RAY FUCHECK
234 ORLEANS ROAD
NEWBURGH, NY 12550

NEW YORK
ORANGE COUNTY
TOWN OF NEWBURGH

| No. | Date | Revision |
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FOR REDUCED PLANS:
ORIGINAL IN INCHES

PROJECT #
23-1005

DATE:
DEC. 20, 2023

SCALE:
AS SHOWN

DRAWN BY:
RV

SHEET NUMBER
2
SHEET 2 OF 6

| ZONING SCHEDULE FOR ZONE A-R | | | | | | |
|------------------------------|------------------|----------|----------|----------|----------|----------|
| REQUIRED | LOT 12-1 | LOT 12-2 | LOT 11-1 | LOT 11-2 | LOT 11-3 | LOT 11-4 |
| | EXISTING | PROP | PROP | PROP | PROP | PROP |
| MINIMUM LOT AREA (SF) | 40,000 | 240,930 | 280,526 | 60,984 | 45,956 | 42,079 |
| MINIMUM LOT WIDTH (FT) | 150 | 376 | 460 | 160 | 153 | 160 |
| MINIMUM LOT DEPTH (FT) | 150 | 571 | 571 | 250 | 280 | 254 |
| REQUIRED OFFSETS (FT) | | | | | | |
| FRONT | 50 | 50+ | 160 | 70 | 150 | 74 |
| REAR | 50 | 50+ | 50+ | 160 | 110 | 150 |
| SIDE | 30 (80 for both) | 30+ | 110/393 | 77/100 | 56/54 | 42/40 |
| | | | | | | 56/52 |

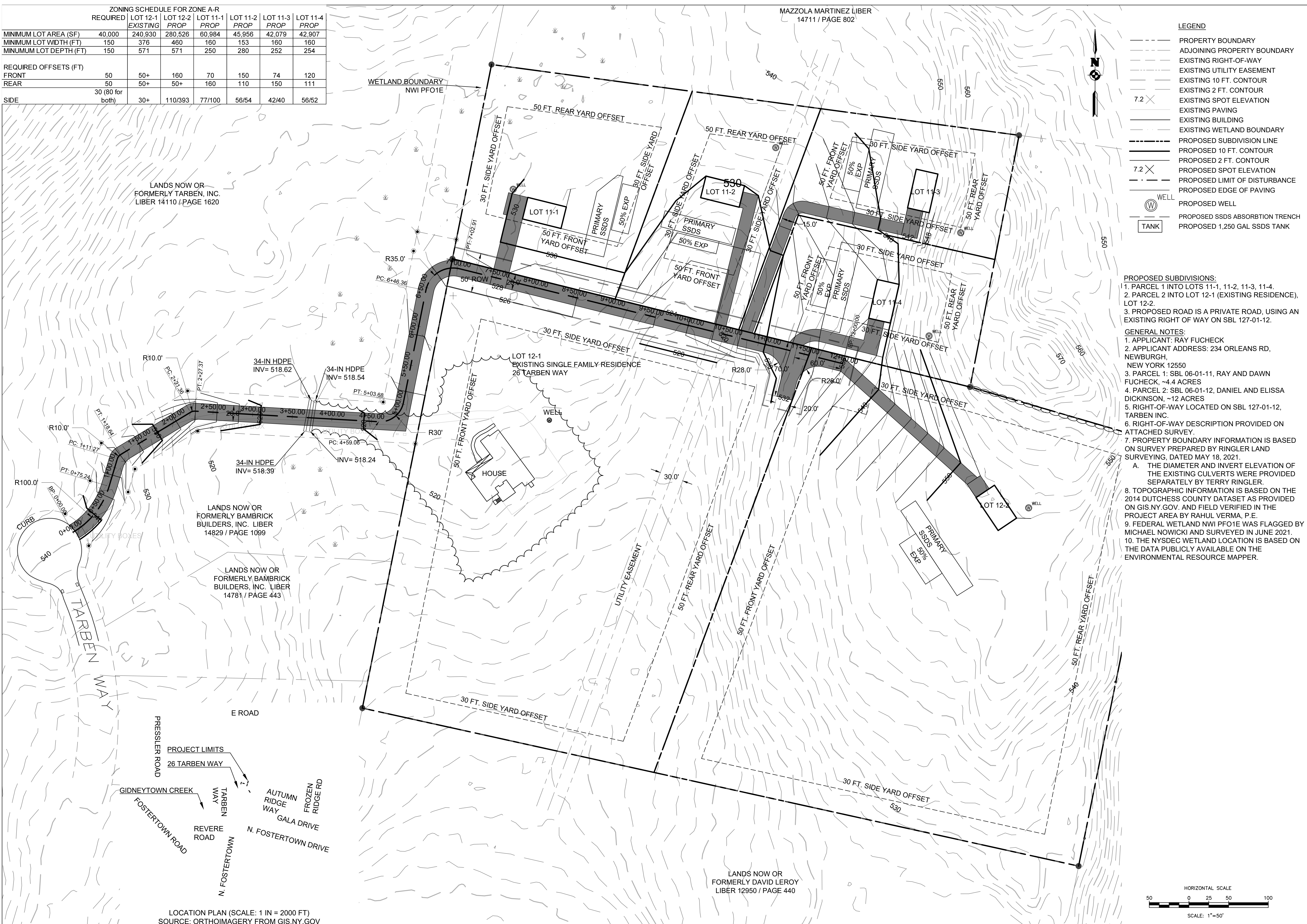
LANDS NOW OR FORMERLY TARZEN, INC. LIBER 14110 / PAGE 1620

LANDS NOW OR FORMERLY BAMBRICK BUILDERS, INC. LIBER 14829 / PAGE 1099

LANDS NOW OR FORMERLY BAMBRICK BUILDERS, INC. LIBER 14781 / PAGE 443

LANDS NOW OR FORMERLY DAVID LEROY LIBER 12950 / PAGE 440

MAZZOLA MARTINEZ LIBER 14711 / PAGE 802



- LEGEND**
- PROPERTY BOUNDARY
 - ADJOINING PROPERTY BOUNDARY
 - - - EXISTING RIGHT-OF-WAY
 - - - EXISTING UTILITY EASEMENT
 - - - EXISTING 10 FT. CONTOUR
 - - - EXISTING 2 FT. CONTOUR
 - - - EXISTING SPOT ELEVATION
 - - - EXISTING PAVING
 - - - EXISTING BUILDING
 - - - EXISTING WETLAND BOUNDARY
 - - - PROPOSED SUBDIVISION LINE
 - - - PROPOSED 10 FT. CONTOUR
 - - - PROPOSED 2 FT. CONTOUR
 - - - PROPOSED SPOT ELEVATION
 - - - PROPOSED LIMIT OF DISTURBANCE
 - - - PROPOSED EDGE OF PAVING
 - ⊙ WELL
 - ⊙ PROPOSED WELL
 - ⊙ PROPOSED SSDS ABSORPTION TRENCH
 - ⊙ PROPOSED 1,250 GAL SSDS TANK

- PROPOSED SUBDIVISIONS:**
1. PARCEL 1 INTO LOTS 11-1, 11-2, 11-3, 11-4.
 2. PARCEL 2 INTO LOT 12-1 (EXISTING RESIDENCE), LOT 12-2.
 3. PROPOSED ROAD IS A PRIVATE ROAD, USING AN EXISTING RIGHT OF WAY ON SBL 127-01-12.

- GENERAL NOTES:**
1. APPLICANT: RAY FUCHECK
 2. APPLICANT ADDRESS: 234 ORLEANS RD, NEWBURGH, NEW YORK 12550
 3. PARCEL 1: SBL 06-01-11, RAY AND DAWN FUCHECK, ~4.4 ACRES
 4. PARCEL 2: SBL 06-01-12, DANIEL AND ELISSA DICKINSON, ~12 ACRES
 5. RIGHT-OF-WAY LOCATED ON SBL 127-01-12, TARZEN INC.
 6. RIGHT-OF-WAY DESCRIPTION PROVIDED ON ATTACHED SURVEY.
 7. PROPERTY BOUNDARY INFORMATION IS BASED ON SURVEY PREPARED BY RINGLER LAND SURVEYING, DATED MAY 18, 2021.
 - A. THE DIAMETER AND INVERT ELEVATION OF THE EXISTING CULVERTS WERE PROVIDED SEPARATELY BY TERRY RINGLER.
 8. TOPOGRAPHIC INFORMATION IS BASED ON THE 2014 DUTCHESS COUNTY DATASET AS PROVIDED ON GIS.NY.GOV. AND FIELD VERIFIED IN THE PROJECT AREA BY RAHUL VERMA, P.E.
 9. FEDERAL WETLAND NWI PFO1E WAS FLAGGED BY MICHAEL NOWICKI AND SURVEYED IN JUNE 2021.
 10. THE NYSDEC WETLAND LOCATION IS BASED ON THE DATA PUBLICLY AVAILABLE ON THE ENVIRONMENTAL RESOURCE MAPPER.

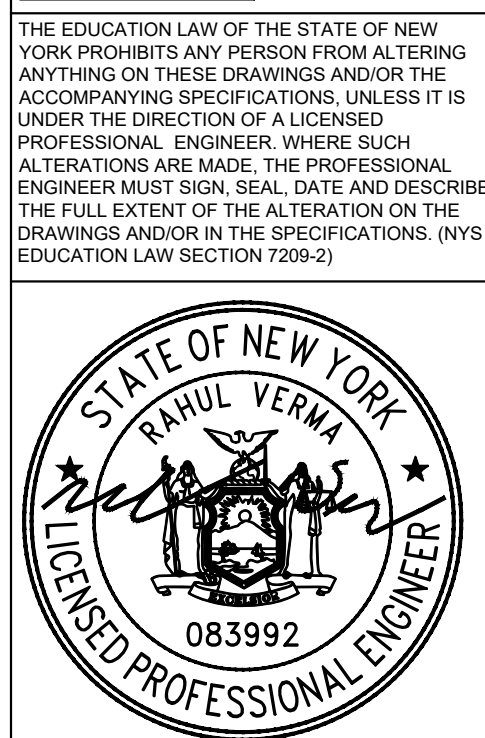
VERMA ENGINEERING & CONSULTING

RAHUL VERMA, P.E.

HOPWELL JUNCTION, NEW YORK

RAHUL@VERMAENGINEERING.COM

914-924-7816



FUCHECK MINOR SUBDIVISION PROPOSED CONDITIONS

26 TARBEN WAY

APPLICANT NAME: RAY FUCHECK
234 ORLEANS ROAD
NEWBURGH, NY 12550

ORANGE COUNTY
TOWN OF NEWBURGH

| No. | Date | Revision |
|-----|------|----------|
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| | | |
| | | |

FOR REDUCED PLANS:
ORIGINAL IN INCHES

PROJECT # 23-1005

DATE: DEC. 20, 2023

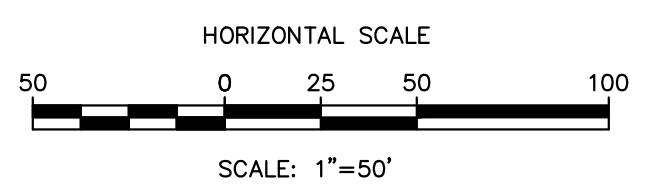
SCALE: AS SHOWN

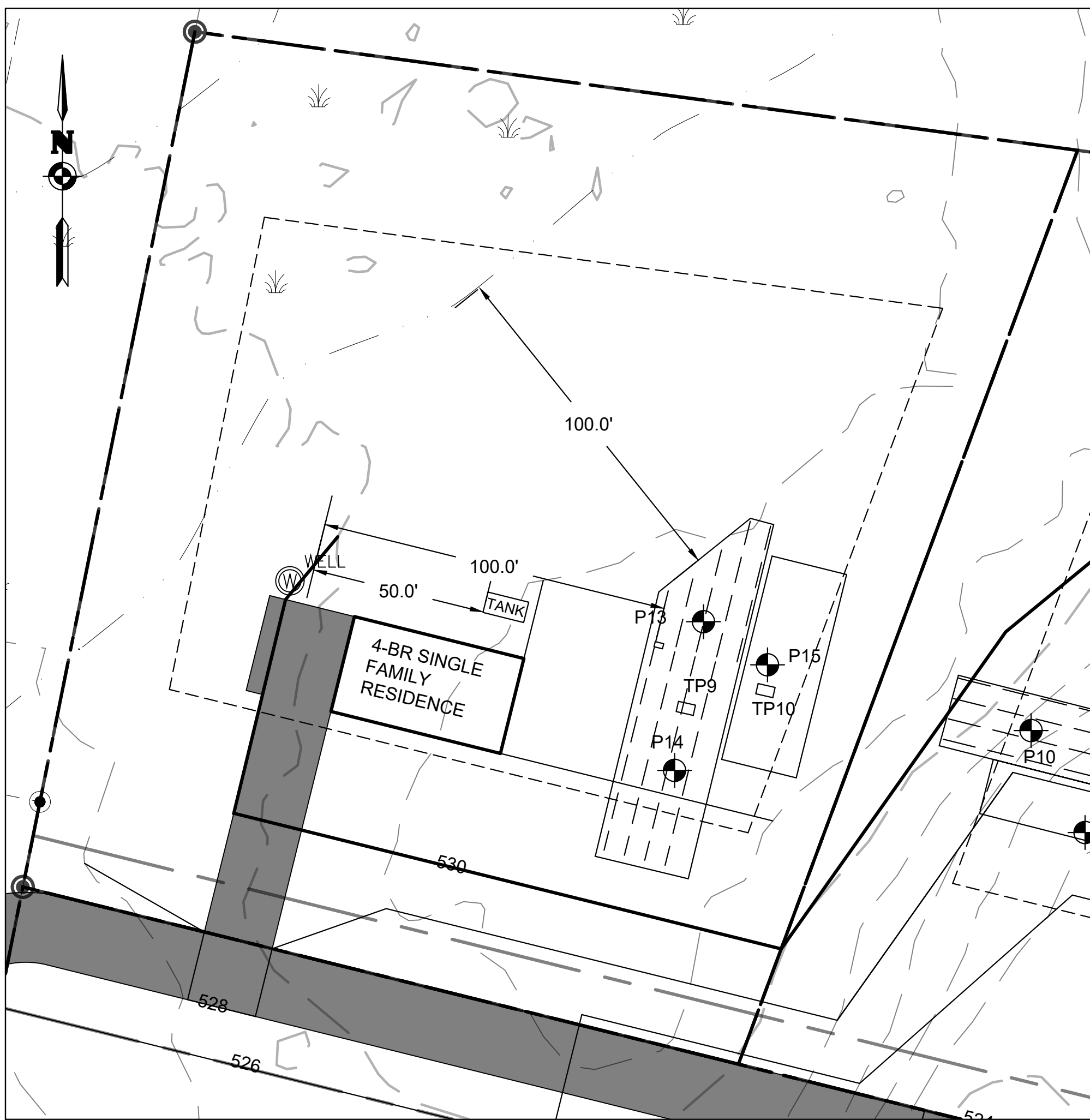
DRAWN BY: RV

SHEET NUMBER **3**

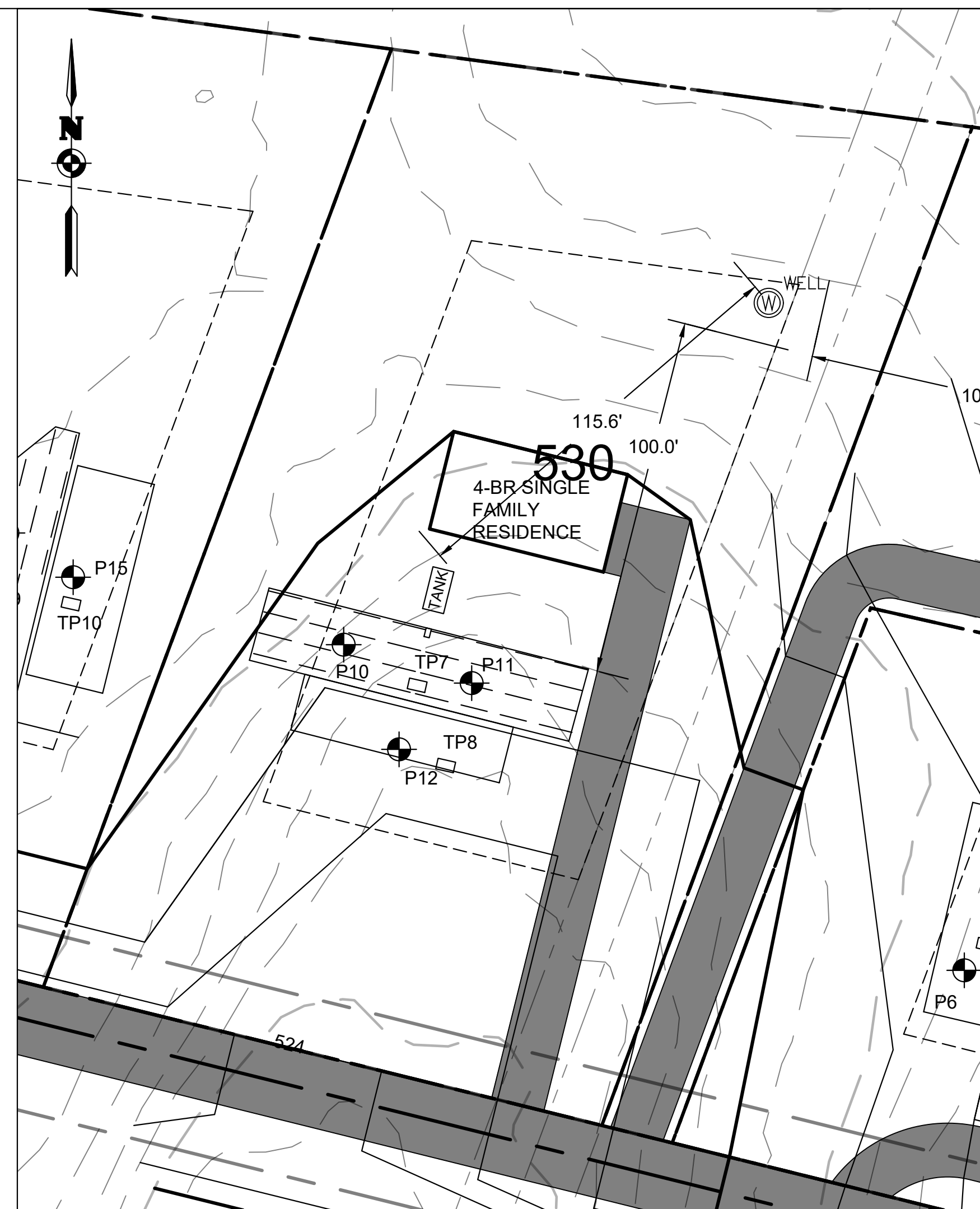
SHEET 3 OF 6

LOCATION PLAN (SCALE: 1 IN = 2000 FT)
SOURCE: ORTHOIMAGERY FROM GIS.NY.GOV

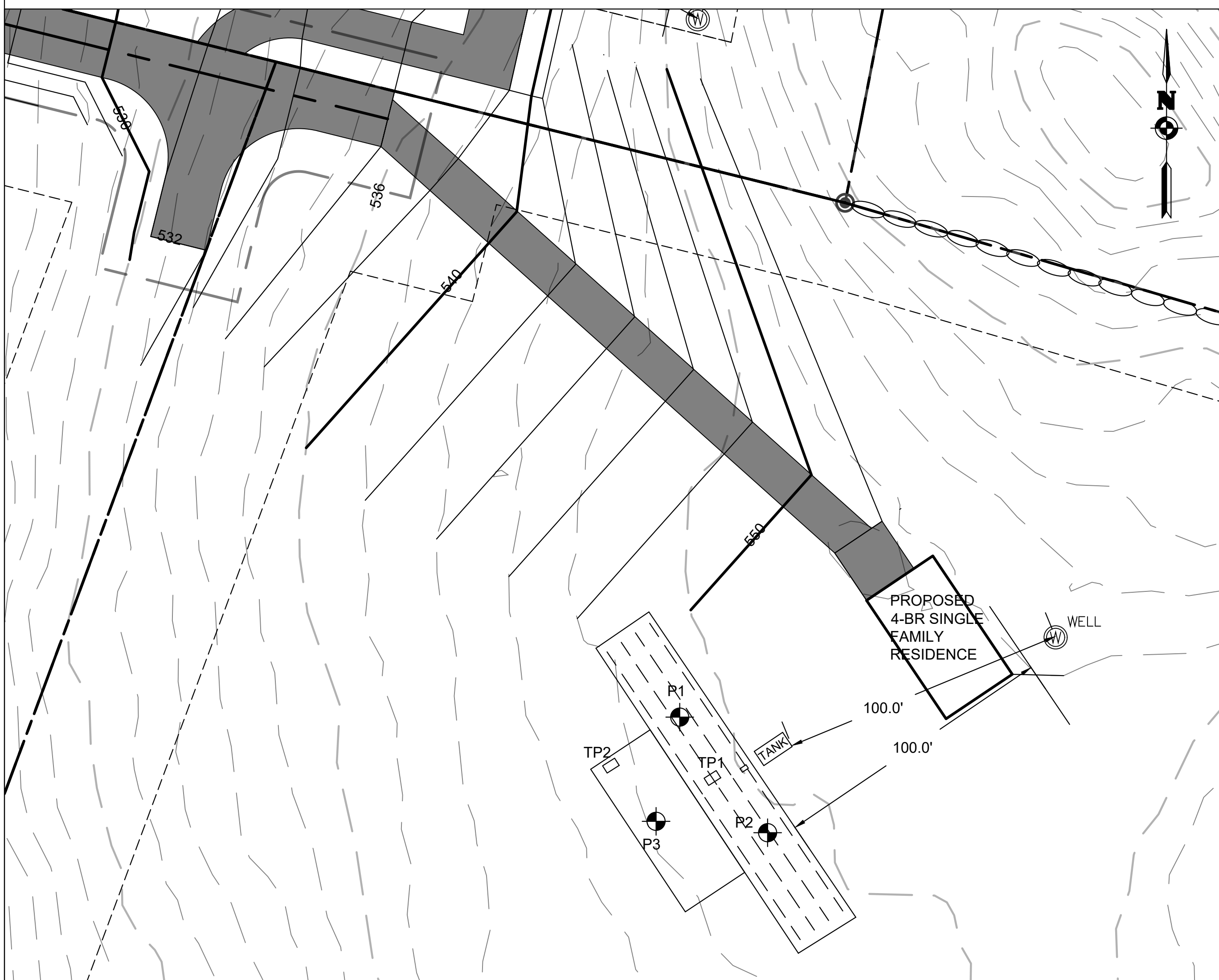




ENLARGED VIEW: LOT 11-1 (SCALE: 1"=30')



ENLARGED VIEW: LOT 11-2 (SCALE: 1"=30')



ENLARGED VIEW: LOT 12-2 (SCALE: 1"=30')



ENLARGED VIEW: LOTS 11-3 AND 11-4 (SCALE: 1"=30')

SSDS PERCOLATION TEST PIT DATA (MARCH 15, 2024)

| TEST PIT # | DEPTH (FT BGS) | OBSERVATIONS |
|------------|----------------|--|
| 1 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, NO GW, NO MOTTLING |
| 2 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, NO GW, NO MOTTLING |
| 3 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, NO GW, NO MOTTLING |
| 4 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, NO GW, NO MOTTLING |
| 5 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, NO GW, NO MOTTLING |
| 6 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, NO GW, NO MOTTLING |
| 7 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, NO GW, NO MOTTLING |
| 8 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, WATER @ 6FT |
| 9 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, NO GW, NO MOTTLING |
| 10 | 6 | BR SANDY CLAY, TR GRAVEL, TR SM BOULDERS, NO GW, NO MOTTLING |

SSDS PERCOLATION TEST DATA (MARCH 15, 2024)

| LOT # | PERC TEST DEPTH (FT) | STABILIZED RATE (MIN/IN) | DESIGN RATE (MIN/IN) | MINIMUM REQUIRED | PROVIDED |
|-------|----------------------|--------------------------|----------------------|-------------------|-------------------|
| | | | | FIELD LENGTH (FT) | FIELD LENGTH (FT) |
| 12-2 | 1A | 2 | 45 | 440 | 480 |
| | 2 | 2 | 45 | | |
| | 3 | 2 | 15 | Expansion Area | N/A |
| | 4 | 2 | 30 | | |
| 11-4 | 5 | 2 | 25 | 367 | 380 |
| | 6 | 2 | 20 | Expansion Area | N/A |
| | 7 | 2 | 40 | | |
| 11-3 | 8 | 2 | 30 | 440 | 450 |
| | 9 | 2 | 30 | Expansion Area | N/A |
| | 10 | 2 | 40 | | |
| 11-2 | 11 | 2 | 20 | 315 | 360 |
| | 12 | 2 | 20 | Expansion Area | N/A |
| | 13 | 2 | 25 | | |
| 11-1 | 14 | 2 | 25 | 367 | 385 |
| | 15 | 2 | 30 | Expansion Area | N/A |

- LEGEND
- PROPERTY BOUNDARY
 - ADJOINING PROPERTY BOUNDARY
 - EXISTING RIGHT-OF-WAY
 - EXISTING UTILITY EASEMENT
 - EXISTING 10 FT. CONTOUR
 - EXISTING 2 FT. CONTOUR
 - 7.2 X EXISTING SPOT ELEVATION
 - EXISTING PAVING
 - EXISTING WETLAND BOUNDARY
 - PROPOSED SUBDIVISION LINE
 - PROPOSED 10 FT. CONTOUR
 - PROPOSED 2 FT. CONTOUR
 - 7.2 X PROPOSED SPOT ELEVATION
 - PROPOSED LIMIT OF DISTURBANCE
 - PROPOSED EDGE OF PAVING
 - WELL PROPOSED WELL
 - TANK PROPOSED SSDS ABSORPTION TRENCH

VERMA
ENGINEERING &
CONSULTING

RAHUL VERMA, P.E.
HOPEWELL JUNCTION, NEW YORK
RAHUL@VERMAENGINEERING.COM
914-924-7816

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FUCHECK MINOR SUBDIVISION
INDIVIDUAL LOT PLANS
26 TARBAN WAY

APPLICANT NAME: RAY FUCHECK
234 ORLEANS ROAD
NEWBURGH, NY 12550
ORANGE COUNTY

TOWN OF NEWBURGH

NO. DATE REVISION

FOR REDUCED PLANS:
ORIGINAL IN INCHES

PROJECT #
23-1005

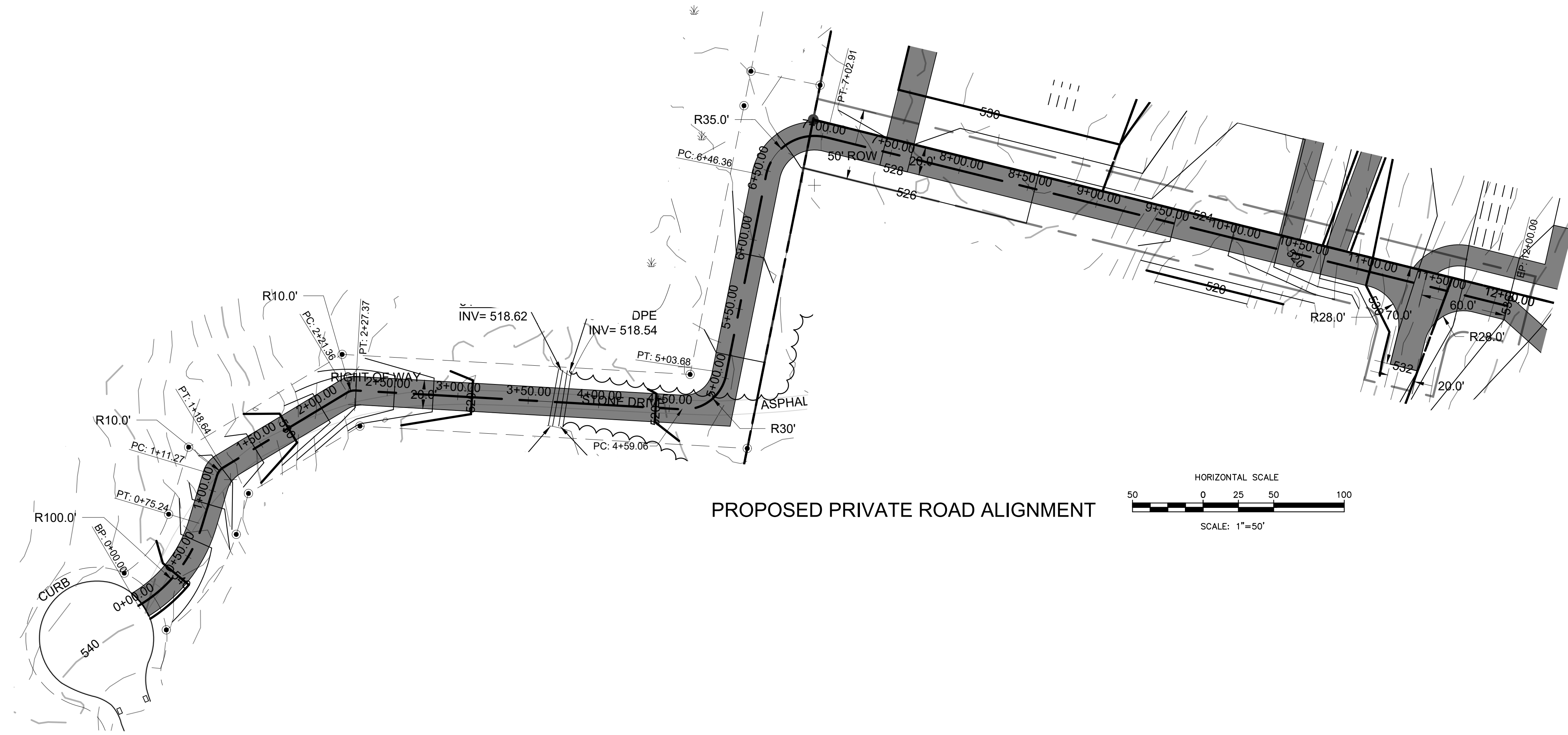
DATE:
DEC. 20, 2023

SCALE:
AS SHOWN

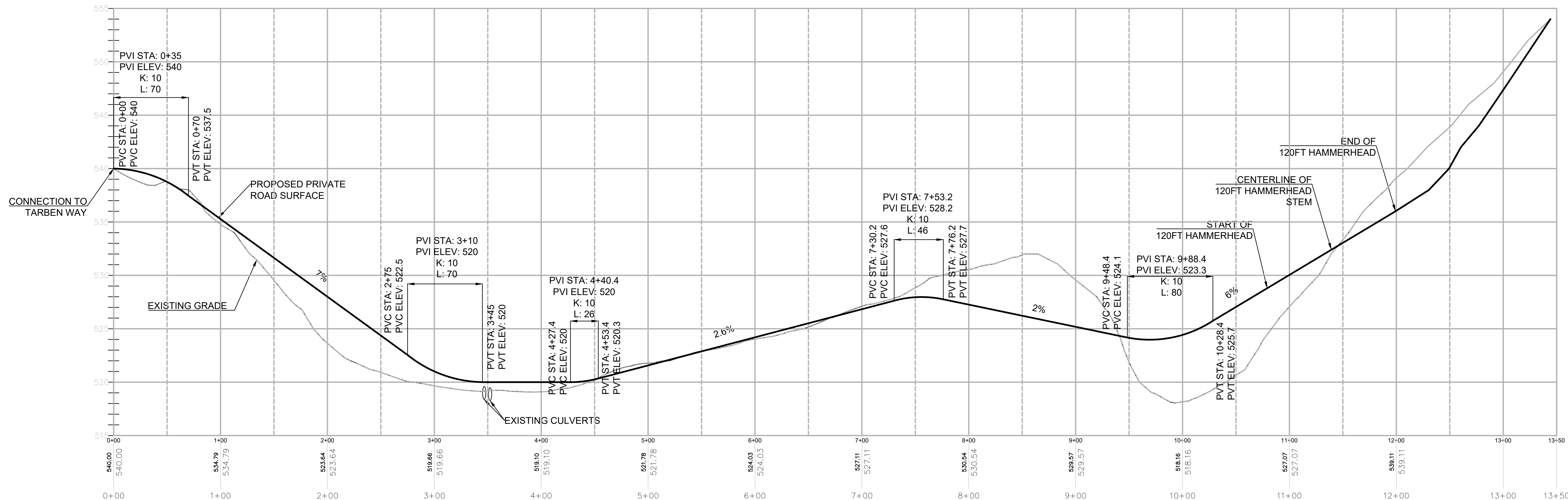
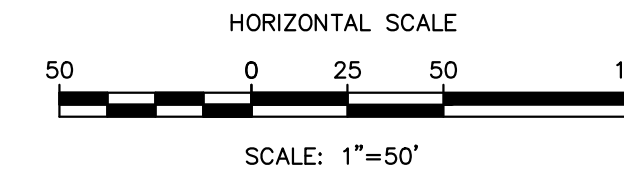
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RV

SHEET NUMBER
4

SHEET 4 OF 6



PROPOSED PRIVATE ROAD ALIGNMENT



Alignment - Private Road PROFILE
SCALE: HORIZONTAL - 1" = 50'
VERTICAL - 1" = 5'

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FUCHECK MINOR SUBDIVISION
PRELIMINARY PRIVATE ROAD PROFILE
26 TARBAN WAY

APPLICANT NAME: RAY FUCHECK
234 ORLEANS ROAD
NEWBURGH, NY 12550
ORANGE COUNTY

NEW YORK

TOWN OF NEWBURGH

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| No. | Date | Revision |
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FOR REDUCED PLANS:
ORIGINAL IN INCHES

PROJECT #
23-1005

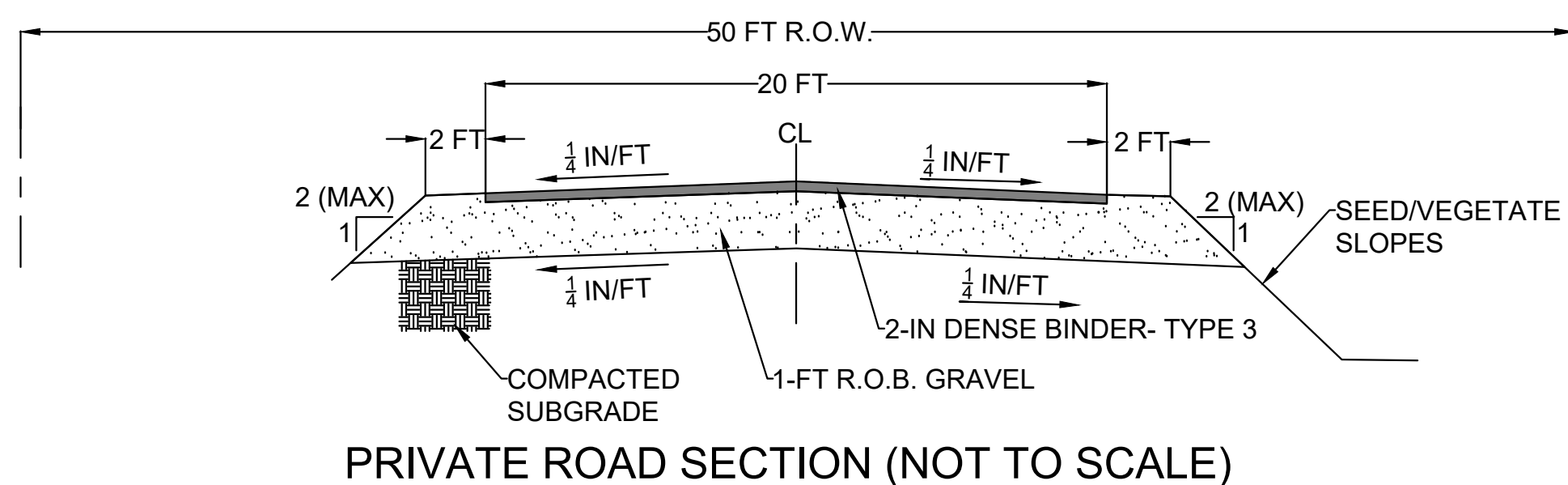
DATE:
DEC. 20, 2023

SCALE:
AS SHOWN

DRAWN BY:
RV

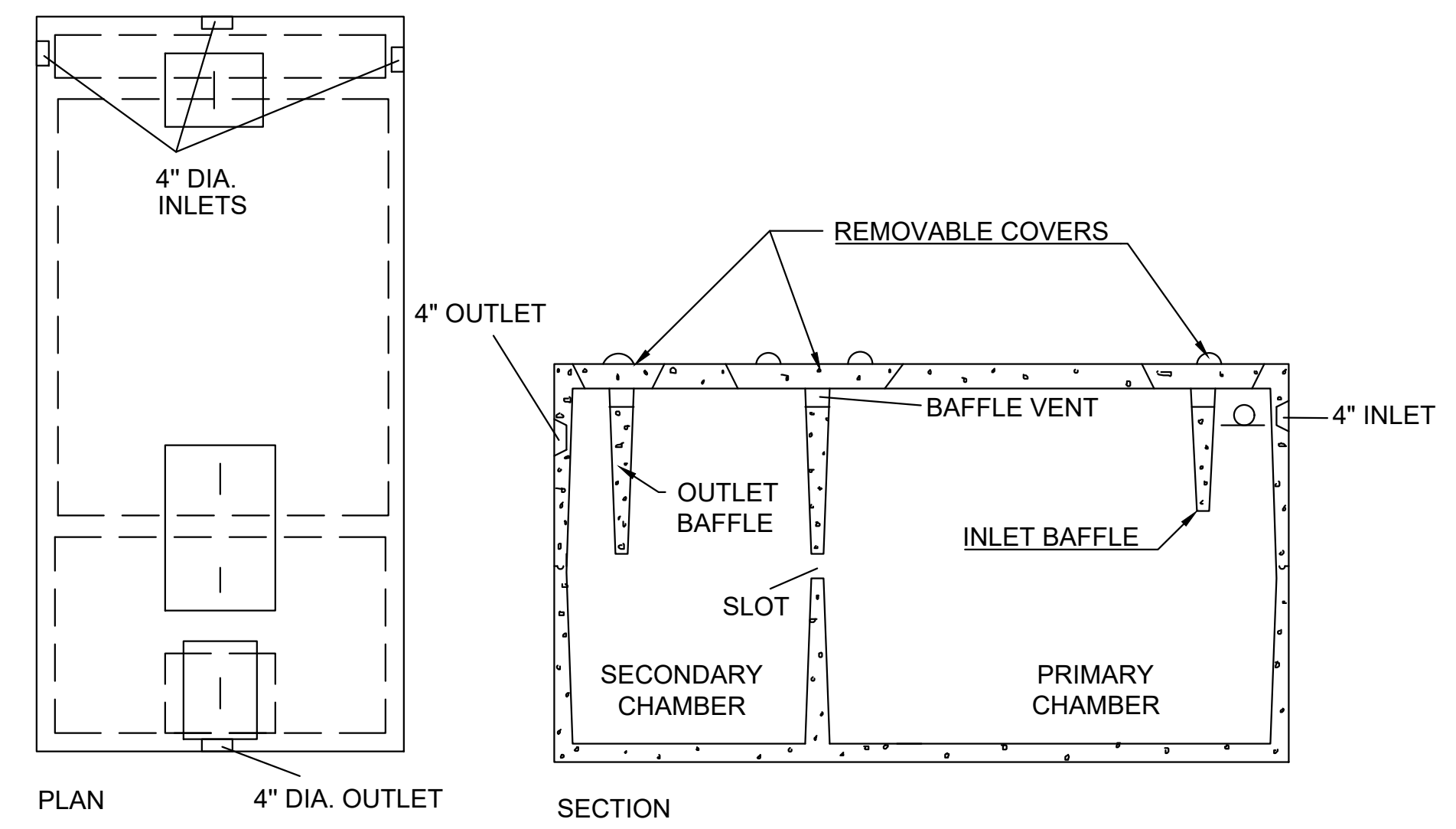
SHEET NUMBER
5

SHEET 5 OF 6

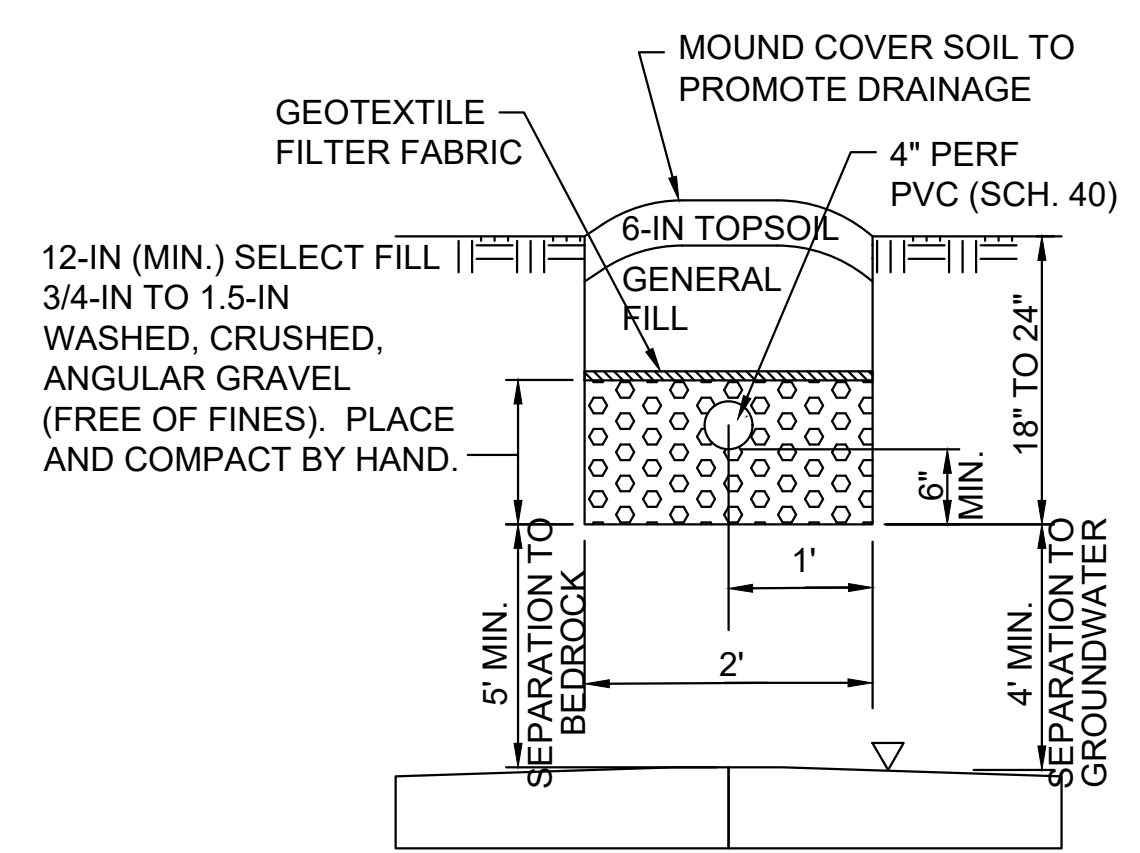


PRIVATE ROAD SECTION (NOT TO SCALE)

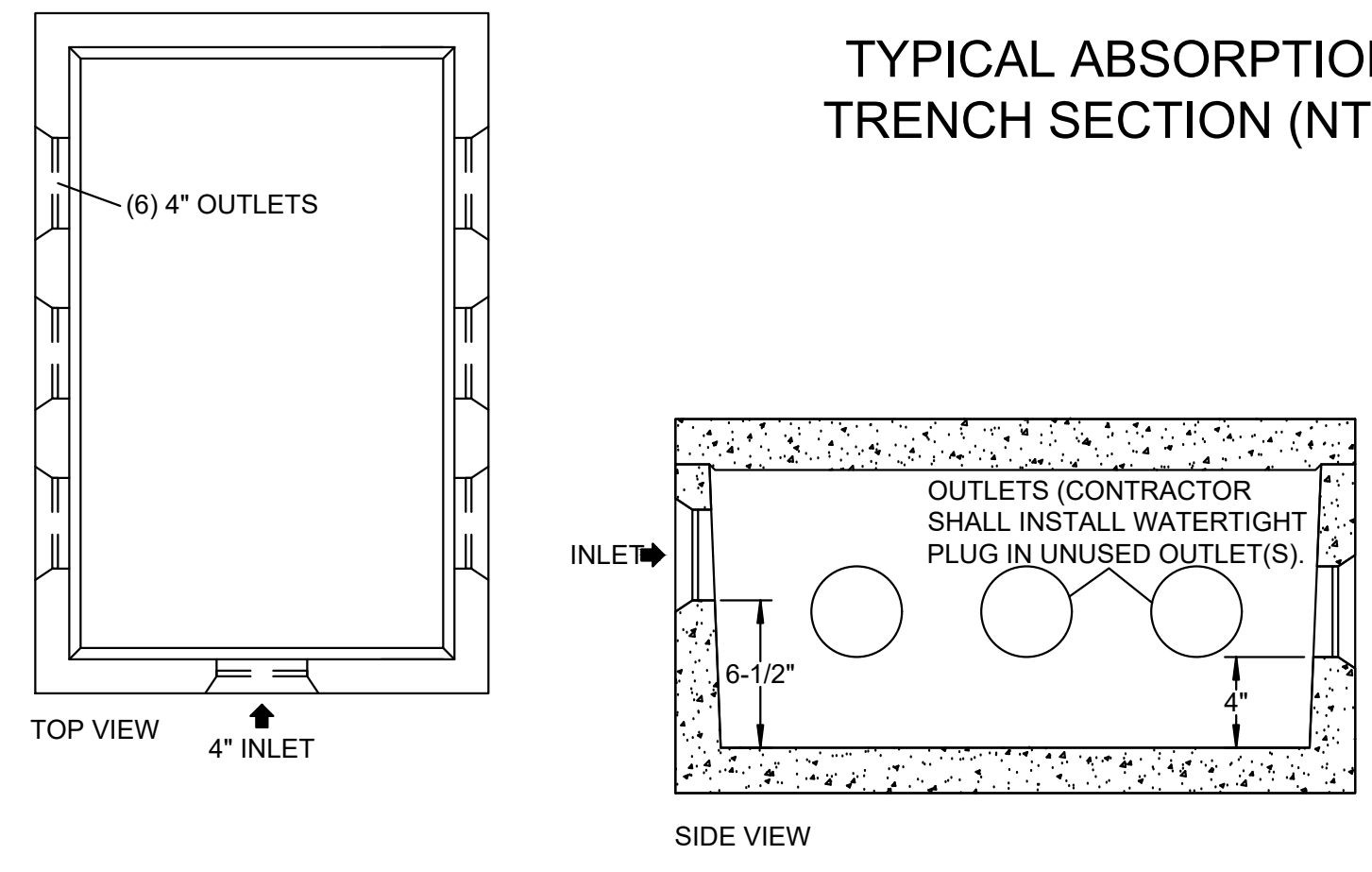
- NOTES:
1. THE DETAIL ABOVE IS BASED ON THE TOWN OF NEWBURGH SECTION 161 TYPICAL SECTION FOR A PRIVATE ROAD (FIGURE 1).
 2. IF THE EMBANKMENT HEIGHT EXCEEDS FOUR FEET, A GUARDRAIL SHALL BE INSTALLED.
 3. CONTRACTOR SHALL REMOVE ALL VEGETATION, TOPSOIL, ORGANICS, AND OTHER DELETERIOUS MATERIAL FROM THE ROAD BED PRIOR TO PLACING ROAD MATERIALS.
 4. ROAD MATERIALS SHALL NOT BE PLACED IN FROZEN OR SATURATED CONDITIONS.
 5. SUBGRADE SHALL BE MECHANICALLY COMPACTED TO A FIRM AND UNYIELDING CONDITION.



1,250 GAL CONCRETE SEPTIC TANK

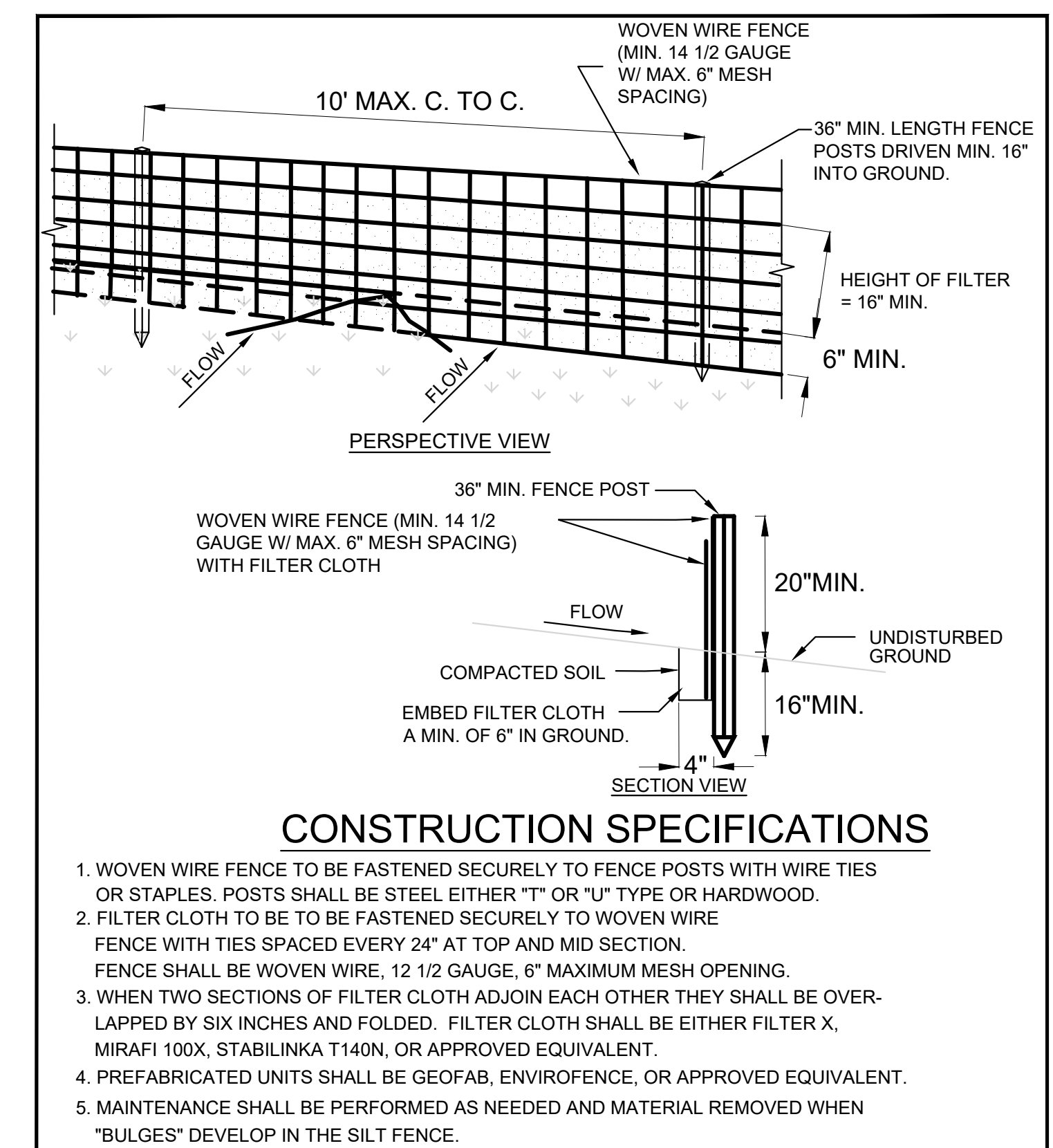


TYPICAL ABSORPTION TRENCH SECTION (NTS)



6 OUTLET CONCRETE DISTRIBUTION BOX

- NOTES:
1. CONTRACTOR SHALL PERMANENTLY SEAL UNUSED OUTLETS.
 2. SPEED LEVELERS MAY BE USED.

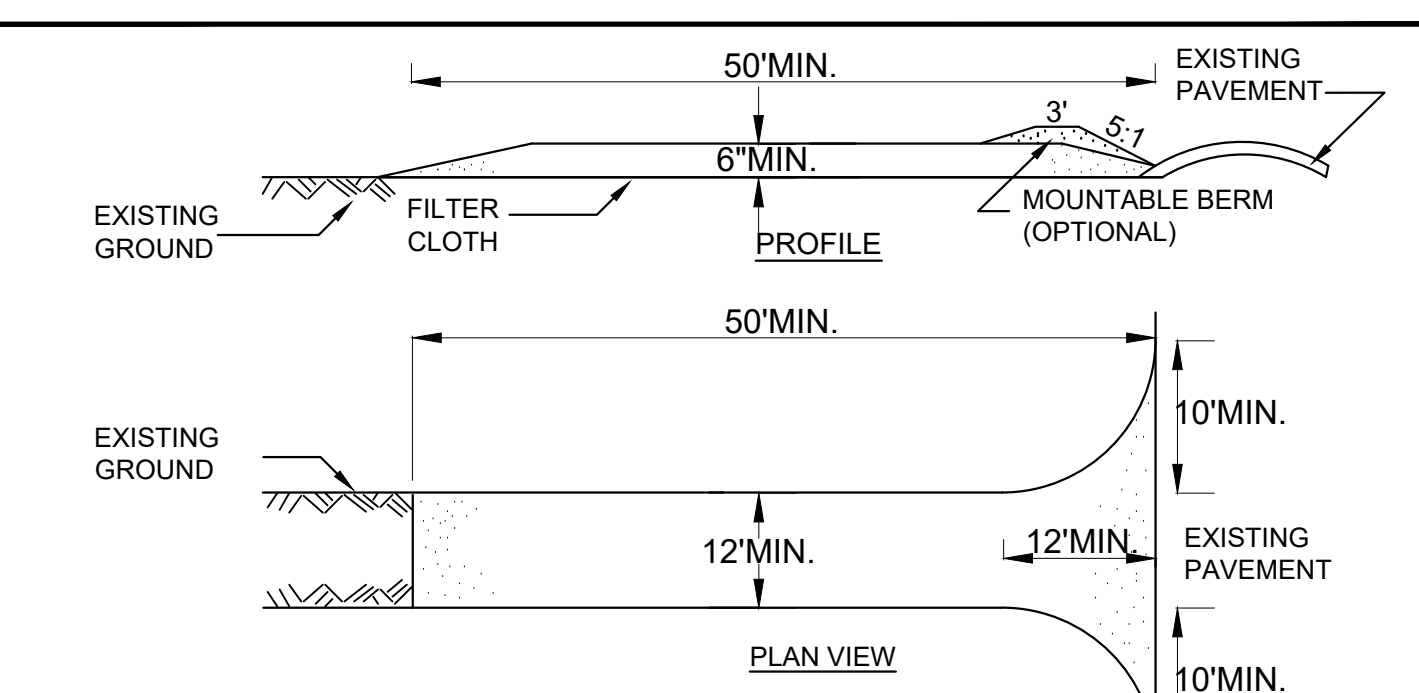


CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

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

SILT FENCE



CONSTRUCTION SPECIFICATIONS

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

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

STABILIZED CONSTRUCTION ENTRANCE

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NEW YORK

FUCHECK MINOR SUBDIVISION DETAILS

26 TARBAN WAY

APPLICANT NAME: RAY FUCHECK
234 ORLEANS ROAD
NEWBURGH, NY 12550
ORANGE COUNTY

TOWN OF NEWBURGH

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FOR REDUCED PLANS:
ORIGINAL IN INCHES

0 0.5 1.0 1.5 2.0

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SCALE: AS SHOWN

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SHEET NUMBER 6

SHEET 6 OF 6