



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

**PROJECT NAME:** LONGVIEW FARM  
**PROJECT NO.:** 06-39  
**PROJECT LOCATION:** SECTION 20, BLOCK 1, NUMEROUS LOTS  
**REVIEW DATE:** 9 JUNE 2023  
**MEETING DATE:** 15 JUNE 2023  
**PROJECT REPRESENTATIVE:** T.M. DEPUY ENGINEERING & LAND SURVEYING, PC

1. The project is before the Board for a Final Public Hearing.
2. A drainage district must be formed for the long-term operation and maintenance of the stormwater management improvements on the site.
3. Cost estimates for proposed public improvements including Stormwater Management Facilities, site drainage, erosion and sediment control, roadway construction, modification to existing culvert structure, street trees and As Built Surveys must be provided in order to establish approved Securities and Inspection Fees. A Landscape Inspection and Security Fee will be required for street trees.
4. The project is subject to ARB as it contains more than 10 residential structures. The Planning Board should address ARB or defer ARB to the Building Department as appropriate.
5. Town Board approval of the road names must be received. Road names are proposed to be revised in order to eliminate the need to revise addresses on existing roadways.
6. Coverage under the NYSDEC's Construction Stormwater Permit must be obtained prior to stamping of the maps.
7. Highway Superintendents approval of the alternate curb must be received.
8. Offers of dedication and cession for all proposed Town roadways must be received.
9. Roadway Security must address the removal of the existing island at the Barbara Drive access point.
10. The applicant is proposing to file the plat in phases.

**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

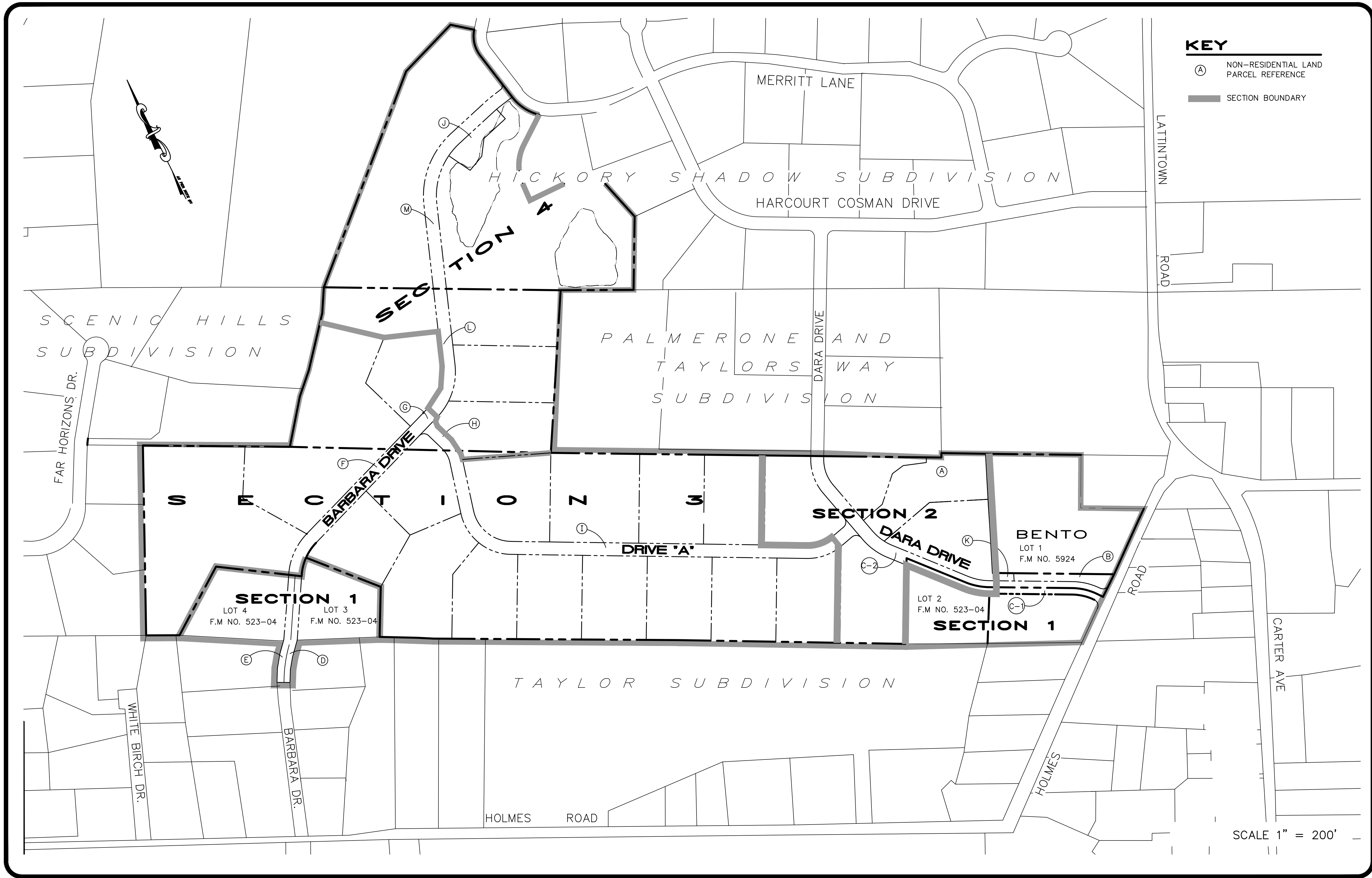
11. Health Department approval addressed former agricultural use of the property. Certification as to the Health Department requirements being met should be required prior to issuance of any Certificate of Occupancy for each lot.
12. Clearing of trees on the site is limited to a timeframe imposed by the NYSDEC to mitigate impacts to protected Bat species.
13. Compliance with the Tree Preservation Law is required. Documentation of compliance with the Tree Preservation Law must be shown. It is noted the majority of the site has been cleared under previous agricultural use.

Respectfully submitted,

**MHE Engineering, D.P.C.**



Patrick J. Hines  
Principal  
PJH/kbw



| LIST OF DRAWINGS |   |
|------------------|---|
| DWG              | TITLE   |
| 1.               | GENERAL AREA PLAN AND INDEX                       |
| 2.               | SUBDIVISION PLAT OF LOT 5 OF F.M. # 523-04        |
| 3.               | RESUBDIVISION OF LOTS 2,3, AND 4 OF F.M. # 523-04 |
| 4.               | RESUBDIVISION OF LOT 21 OF F.M. # 743-06          |
| 5.               | ROAD DEDICATION PARCELS                           |
| 6.               | SUBDIVISION PLAN "A"                              |
| 7.               | SUBDIVISION PLAN "B"                              |
| 8.               | SUBDIVISION PLAN "C"                              |
| 9.               | SUBDIVISION PLAN "D"                              |
| 10.              | SUBDIVISION PLAN "E"                              |
| 11.              | DEEP TEST PIT & PERC TEST DATA                    |
| 12.              | SEPTIC DETAILS                                    |
| 13.              | WELL DETAIL AND NOTES                             |
| 14.              | SITE DETAILS                                      |
| 15.              | PROFILE - ROAD "S"                                |
| 16.              | PROFILES, ROAD "K" AND OFF ROAD STORM DRAINS      |
| 17.              | PROFILE - ROAD "B" (BARBARA DRIVE)                |
| 18.              | AGRICULTURAL SOIL MANAGEMENT PLAN AND NOTES       |
| 19.              | AS-BUILT PLAN - CONCRETE CULVERT                  |
| 20.              | AS-BUILT PLAN AND SECTIONS OF CONCRETE CULVERT    |

| REFERENCE DRAWINGS (NOT FILED WITH COUNTY CLERK) |  |
|--|--|
| ES1  | STORM WATER POLLUTION PREVENTION NOTES & DETAILS |
| ES2  | EROSION AND SEDIMENTATION CONTROL PLAN A         |
| ES3  | EROSION AND SEDIMENTATION CONTROL PLAN B         |
| ES4  | EROSION AND SEDIMENTATION CONTROL PLAN C         |
| ES5  | EROSION AND SEDIMENTATION CONTROL PLAN D         |
| ES6  | EROSION AND SEDIMENTATION CONTROL PLAN E         |
| ES7  | SWP NO. 1 - POND PLAN AND PROFILE                |
| ES8  | SWP NO. 1 - POND LANDSCAPING PLAN                |
| ES9  | SWP NO. 2 - SURFACE SAND FILTER                  |
| ES10   | SWP NO. 3 - SURFACE SAND FILTER                  |
| ES11   | GREEN INFRASTRUCTURE PLAN                        |
| TP1  | TREE PLANTING PLAN                               |

**ORANGE COUNTY HEALTH DEPARTMENT NOTES**

- INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED FOR HOUSEHOLD DOMESTIC PURPOSES WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY.
- ORANGE COUNTY DEPARTMENT OF HEALTH PLAN APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BASED UPON DEVELOPMENT FACTS AND THE REALTY SUBDIVISION REGULATIONS IN EFFECT AT THE TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
- THE APPROVED PLANS MUST BE FILED WITH THE ORANGE COUNTY CLERK'S OFFICE PRIOR TO OFFERING LOTS FOR SALE AND WITHIN 90 DAYS OF LAST APPROVAL OF FINAL PLANS.
- A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY, AND SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION PRIOR TO THE OCCUPANCY OF THE DWELLING. THE ENGINEER SHALL CERTIFY TO THE ORANGE COUNTY DEPARTMENT OF HEALTH AND THE LOCAL CODE ENFORCEMENT OFFICES THAT THE FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS.
- THE PURCHASER OF EACH LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND ACCURATE AS-BUILT DRAWING OF EXISTING SANITARY FACILITIES. THE PURCHASER SHALL ALSO BE ADVISED OF ANY ROUTINE OR SPECIAL MAINTENANCE PROCEDURES THAT MAY BE NECESSARY, INCLUDING A REVIEW OF THE LATEST EDITION OF "INDIVIDUAL RESIDENTIAL WASTEWATER TREATMENT SYSTEMS DESIGN HANDBOOK", CHAPTER ON "OPERATION AND MAINTENANCE OF INDIVIDUAL ONSITE WASTEWATER TREATMENT SYSTEMS", PUBLISHED BY THE NEW YORK STATE DEPARTMENT OF HEALTH.
- SOIL MITIGATION IN ACCORDANCE WITH THE APPROVED PLAN MUST BE COMPLETED PRIOR TO OCCUPANCY.
- A COMPLETE SET OF PLANS WILL BE PROVIDED TO THE OWNERS OF LOTS 1,2,3, AND 4.

**WATERSHED NOTE**

- THIS PROPOSED SUBDIVISION IS NOT LOCATED WITHIN THE WATERSHED OF A PUBLIC WATER SUPPLY.

**CONSTRUCTION RELATED SITE CLEARING**

DUE TO THE POTENTIAL FOR THE PRESENCE OF HABITAT FOR INDIANA BAT SPECIES, WHICH ARE FEDERALLY AND/OR NEW YORK STATE LISTED AS AN ENDANGERED OR THREATENED SPECIES, THE APPLICANT SHALL SCHEDULE THE NECESSARY TREE CLEARING TO OCCUR BETWEEN OCTOBER 31ST AND MARCH 31ST.

**AGRICULTURAL SOIL MANAGEMENT NOTE**

THE PROPERTY INVOLVED IN THIS SUBDIVISION WAS ONCE PART OF A LAWFULLY OPERATED APPLE ORCHARD AND, AS SUCH, WAS EXPOSED TO THE APPLICATION OF PESTICIDES ASSOCIATED WITH THE NORMAL MAINTENANCE OF AN APPLE ORCHARD AND THAT THE ORANGE COUNTY DEPARTMENT OF HEALTH IN APPROVING THE PLANS FOR THE SUBDIVISION OF THE LANDS OF WHICH THIS PROPERTY FORMS A PART HAS REQUIRED AS A CONDITION OF THAT APPROVAL A SOIL MANAGEMENT PLAN CONSISTING OF A SOIL BLENDING TECHNIQUE DESIGNED TO ELIMINATE ANY SIGNIFICANT THREATS TO HUMAN HEALTH THAT MIGHT EXIST. THE RECOMMENDED SOIL MANAGEMENT TECHNIQUES ARE OBTAINED IN A REPORT ENTITLED "AGRICULTURAL SOIL ASSESSMENT AND MANAGEMENT STUDY FOR ROCKY HEIGHTS II, ROCKY HEIGHTS III AND HICKORY SHADOW II" DATED JUNE 2005 AND SUBSEQUENTLY REVISED, AND OUTLINED ON THE AGRICULTURAL SOIL AND MANAGEMENT PLAN AND NOTES DRAWING CONTAINED WITHIN THIS SUBDIVISION SET. IN PARTICULAR, DRAWING 18 OF THE LONGVIEW FARM SUBDIVISION, THE OCCUPANTS OF ANY HOME CONSTRUCTED ON THE HEREIN DESCRIBED HICKORY SHADOW II SHALL FAMILIARIZE THEMSELVES WITH THE DETAILS OF THIS SOIL MANAGEMENT PLAN. IN CONJUNCTION WITH SAID PLAN, A CERTIFICATE OF A PROFESSIONAL ENGINEER LICENSED IN NEW YORK STATE CERTIFYING TO BOTH THE ORANGE COUNTY DEPARTMENT OF HEALTH AND THE TOWN OF NEWBURGH THAT THE PROCEDURES SET FORTH IN THE SAID SOIL MANAGEMENT PLAN HAVE BEEN COMPLIED WITH SHALL BE REQUIRED TO BE PREPARED AND PRESENTED TO THE TOWN OF NEWBURGH CODE COMPLIANCE OFFICER BEFORE SUCH OFFICER SHALL ISSUE A CERTIFICATE OF OCCUPANCY FOR ANY DWELLING TO BE BUILT ON THIS PROPERTY.

# LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, SECTION 3 AND SECTION 4

## LANDS OF ROBERT HANKIN SECTION 2, SECTION 3, AND SECTION 4 LOT LINE CHANGE WITH LANDS OF DEROSA & FRIED, BENTO, DJURASEVIC & GJURASHAJ, AND SUMMER KIM CORP.

**C/O ROBERT HANKIN**  
**Town of Newburgh**  
**Orange County, New York**  
**June 16, 2006**  
**REVISED OCTOBER 12, 2022**

LONGVIEW FARM SUBDIVISION INCLUDES THE FOLLOWING REAL PROPERTY MODIFICATIONS FOR THE PURPOSES OF CREATING 27 NEW RESIDENTIAL LOTS, 3 STORM WATER MANAGEMENT PARCEL, AND ASSOCIATED ROADWAYS:

- SUBDIVISION OF LANDS OF ROBERT HANKIN(20-1-1)
- RESUBDIVISION OF LOT 5 OF FILED MAP (F.M.) NO. 523-04, SUMMER KIM CORP.
- LOT LINE CHANGE FOR LOT 2 OF F.M. NO. 523-04
- LOT LINE CHANGE FOR LOT 3 OF F.M. NO. 523-04
- LOT LINE CHANGE FOR LOT 4 OF F.M. NO. 523-04
- LOT LINE CHANGE FOR LOT 1 OF F.M. NO. 5294 (BENTO PARCEL)
- RESUBDIVISION OF LOT 21 OF F.M. NO. 743-06, HICKORY SHADOW CORP.

RESERVED FOR APPROVAL

| NO. | DATE     | REVISIONS                               | BY  |
|-----|----------|---|-----|
| 7   | 07/26/10 | REVISED PER O.C.H.D. COMMENTS (7/21/10) | SMC |
| 6   | 12/21/09 | REVISED PER O.C.H.D. COMMENTS (7/17/09) | SMC |
| 5   | 6/24/09  | REVISED PER O.C.H.D. COMMENTS (1/29/09) | SMC |
| 4   | 12/19/08 | REVISED PER O.C.H.D. COMMENTS (1/22/08) | LAP |
| 3   | 11/28/07 | UPDATED SECTION LINES                   | MAP |

|   |  |                  |                        |
|---|--|------------------|------------------------|
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.                   | JOB NO. 02025L5-01<br>FILE: 02025L5-01 | SCALE: 1" = 200' | DATE: JUNE 28, 2006    |
| <b>GENERAL AREA PLAN AND INDEX</b>  |  |                  |                        |
| PROJECT: <b>LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK</b>                       |  |                  |                        |
| <b>T. M. DEPUY</b><br>ENGINEERING & LAND SURVEYING, P.C.<br>2656 ROUTE 302, MIDDLETOWN, NY 10941<br>PHONE: (845) 361-5421 FAX: (845) 361-5229 |  |                  | DWG. <b>1</b><br>OF 20 |

| LEGEND  |  | ABBREVIATIONS |   |
|---------|--|---------------|---|
| SYMBOLS |  |               |   |
|         | PROPERTY LINE                                    | CB            | CATCH BASIN                                 |
|         | ADJOINING LOT LINE                               | CD/P          | PERF. SEPTIC CURTAIN DRAIN PIPE             |
|         | EASEMENT LINE                                    | CD/S          | SOLID SEPTIC CURTAIN DRAIN PIPE             |
|         | CONSERVATION EASEMENT LINE                       | CL            | CENTERLINE                                  |
|         | CONTOURS (EXISTING/PROPOSED)                     | CMP           | CORRUGATED METAL PIPE                       |
|         | WATER EDGE OR STREAM                             | CONC.         | CONCRETE                                    |
|         | GUIDE RAIL                                       | ELEV          | ELEVATION                                   |
|         | FENCE LINE                                       | FFE           | FINISHED FLOOR ELEVATION                    |
|         | STONEWALL  | HDPE          | HIGH DENSITY POLYETH.PIPE (SMOOTH INTERIOR) |
|         | EDGE OF PAVEMENT                                 | HP            | HIGH POINT                                  |
|         | OVERHEAD UTILITY LINE                            | INV           | INVERT                                      |
|         | TRELLINE   | LF            | LINEAR FOOT                                 |
|         | WELL   | LP            | LOW POINT                                   |
|         | WELL   | LSE:          | LOWEST SEWER ELEVATION (INV)                |
|         | DAYLITE OUTLET W/RODENT SCREEN                   | PROP.         | PROPOSED                                    |
|         | SEPTIC CURTAIN DRAIN (PERFORATED/SOLID)          | RCP           | REINFORCED CONCRETE PIPE                    |
|         | EXISTING SEPTIC CURTAIN DRAIN (PERFORATED/SOLID) |               |   |
|         | ROOF/FOOTING DRAINS                              |               |   |
|         | PERC TEST LOCATION                               |               |   |
|         | DEEP TEST LOCATION                               |               |   |
|         | SEPTIC TANK (PROPOSED)                           |               |   |
|         | DOSING TANK (PROPOSED)                           |               |   |
|         | DISTRIBUTION BOX                                 |               |   |
|         | CLEANOUT   |               |   |
|         | DRAINAGE PIPE                                    |               |   |
|         | CATCH BASIN                                      |               |   |
|         | SEWAGE PUMP STATION (PROPOSED)                   |               |   |
|         | WETLAND BOUNDARY LINE                            |               |   |
|         | WETLAND AREA                                     |               |   |

10/07/2022 - REVISE PROJECT 11/09/22-4-SECTIONS



THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.

**SUBDIVISION NOTES**

1. PROPERTY ADJACENT TO LOTS 1-11, 26 AND 27 IS IN ACTIVE AGRICULTURAL OPERATION AND PRODUCTION AND RESIDENTS MUST BE AWARE THAT SUCH PROPERTY IS PROTECTED BY NEW YORK STATE "RIGHT TO FARM" AS REGULATED BY THE DEPARTMENT OF AGRICULTURE AND MARKETS. FROM TIME TO TIME, PRIOR TO, AND DURING THE NORMAL GROWING SEASON, LAND AND CROPS MAY BE SPREAD FROM THE GROUND OR BY AIR, MANURE MAY BE APPLIED, AND PERIODIC NOISE MAY OCCUR FROM MACHINERY OPERATING AT VARIOUS TIMES THROUGHOUT THE YEAR. RESIDENTS SHOULD BE AWARE OF THIS ACTION BY THE ADJACENT PROPERTY OWNERS.

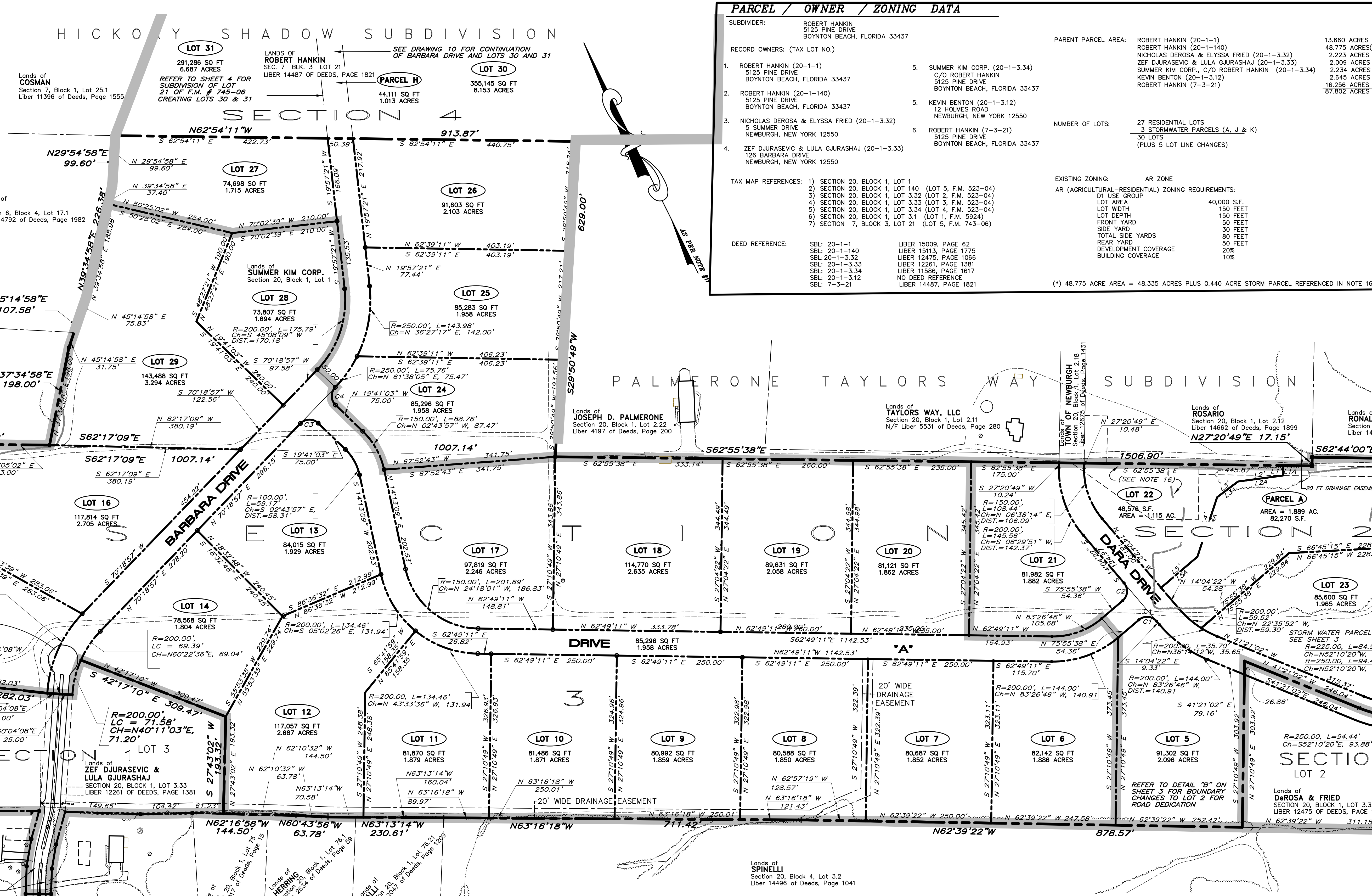
**SANITARY SEWERAGE SYSTEM NOTE**

1. THE TOWN OF NEWBURGH BUILDING DEPARTMENT REQUIRES THE CONSTRUCTION OF EACH NEW SEPTIC SYSTEM PROPOSED FOR THIS SUBDIVISION BE INSPECTED AND APPROVED BY THE TOWN CODE ENFORCEMENT OFFICIAL, AND THE DESIGN PROFESSIONAL, PRIOR TO BACKFILL.

2. PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, WRITTEN CERTIFICATION AND AN AS-BUILT MAP PREPARED BY A NYS LICENSED DESIGN PROFESSIONAL MUST BE PROVIDED TO THE TOWN OF NEWBURGH BUILDING DEPARTMENT.

**GROUND WATER AND FARM DRAINAGE NOTE:**

DUE TO THE HIGH GROUND WATER ENCOUNTERED DURING DEEP PIT TESTING AND DISCOVERY OF SURREPTITIOUS FARM DRAINS, FRENCH DRAINS AND TILE DRAINS, THE DEVELOPER AND HOUSE BUILDER ARE TO TAKE PRECAUTION IN COLLECTING, RE-DIRECTING, MANAGING AND DISCHARGING OF THESE GROUND WATER SOURCES. THIS MAY REQUIRE ADDITIONAL STONE BEDDING FOR FLOODING DRAINS ALONG WITH ADDITIONAL UNDER DRAIN PIPING TO PROPERTY CONVEY THIS UNDERGROUND WATER. ALL PROPOSED SEPTIC SYSTEMS FOR THIS SUBDIVISION ARE REQUIRED TO HAVE CURTAIN DRAINS WHICH ARE DETAIRED ON THE DRAWINGS.



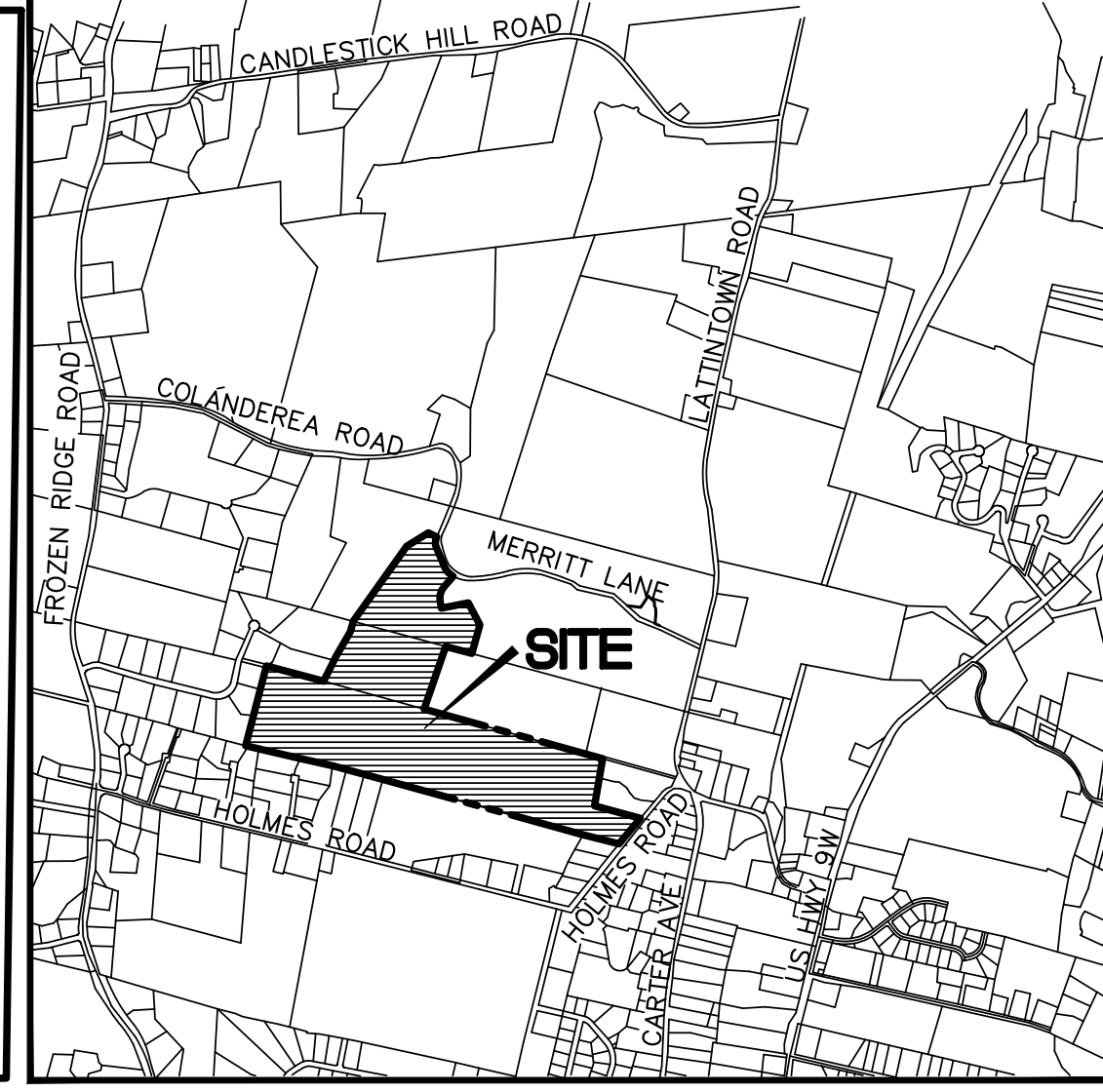
**PARCEL / OWNER / ZONING DATA**

| RECORD OWNERS: (TAX LOT NO.)   | PARCEL AREA                  | PARENT PARCEL AREA:   |
|--|------------------------------|---|
| 1. ROBERT HANKIN (20-1-1)<br>5125 PINE DRIVE<br>BOYNTON BEACH, FLORIDA 33437                   | 355,145 SQ FT<br>8,153 ACRES | ROBERT HANKIN (20-1-1)<br>ROBERT HANKIN (20-1-140)<br>NICHOLAS DEROSA & ELYSSA FRIED (20-1-3.32)<br>ZEF DJURASEVIC & LULA GURASHAJ (20-1-3.33)<br>SUMMER KIM CORP., C/O ROBERT HANKIN (20-1-3.34)<br>KEVIN BENTON (20-1-3.12)<br>ROBERT HANKIN (7-3-21)   |
| 2. ROBERT HANKIN (20-1-140)<br>5125 PINE DRIVE<br>BOYNTON BEACH, FLORIDA 33437                 | 44,111 SQ FT<br>1,013 ACRES  | 13,860 ACRES<br>48,775 ACRES(*)<br>2,223 ACRES<br>2,009 ACRES<br>2,234 ACRES<br>2,845 ACRES<br>16,256 ACRES<br>87,802 ACRES   |
| 3. NICHOLAS DEROSA & ELYSSA FRIED (20-1-3.32)<br>5 SUMMER DRIVE<br>NEWBURGH, NEW YORK 12550    | 4,111 SQ FT<br>93,850 ACRES  | NUMBER OF LOTS:<br>27 RESIDENTIAL LOTS<br>30 LOTS STORMWATER PARCELS (A, J & K)<br>(PLUS 5 LOT LINE CHANGES)  |
| 4. ZEF DJURASEVIC & LULA GURASHAJ (20-1-3.33)<br>126 BARBARA DRIVE<br>NEWBURGH, NEW YORK 12550 | 44,111 SQ FT<br>1,013 ACRES  | EXISTING ZONING: AR ZONE<br>AR (AGRICULTURAL-RESIDENTIAL) ZONING REQUIREMENTS:<br>LOT AREA 40,000 S.F.<br>LOT WIDTH 150 FEET<br>LOT DEPTH 150 FEET<br>FRONT YARD 50 FEET<br>SIDE YARD 30 FEET<br>TOTAL SIDE YARDS 200 FEET<br>REAR YARD 150 FEET<br>DEVELOPMENT COVERAGE 20%<br>BUILDING COVERAGE 10% |

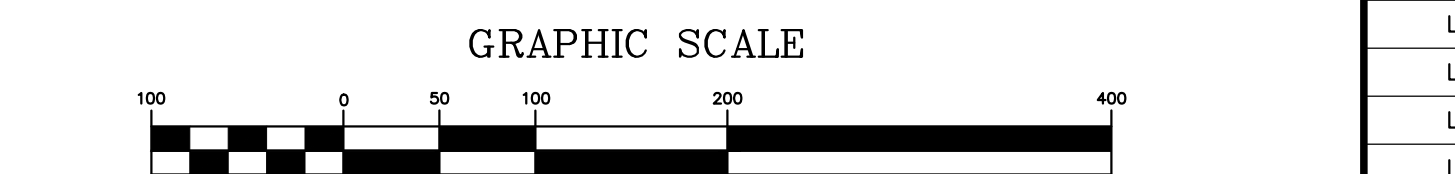
TAX MAP REFERENCES:  
1) SECTION 20, BLOCK 1, LOT 1  
2) SECTION 20, BLOCK 1, LOT 140 (LOT 5, F.M. 523-04)  
3) SECTION 20, BLOCK 1, LOT 3.32 (LOT 2, F.M. 523-04)  
4) SECTION 20, BLOCK 1, LOT 3.33 (LOT 3, F.M. 523-04)  
5) SECTION 20, BLOCK 1, LOT 3.34 (LOT 4, F.M. 523-04)  
6) SECTION 20, BLOCK 1, LOT 1, F.M. 523-04  
7) SECTION 7, BLOCK 3, LOT 21 (LOT 5, F.M. 743-06)

DEED REFERENCE:  
SBL: 20-1-1 LIBER 15009, PAGE 62  
SBL: 20-1-140 LIBER 15113, PAGE 1775  
SBL: 20-1-3.32 LIBER 12475, PAGE 1066  
SBL: 20-1-3.33 LIBER 12475, PAGE 1066  
SBL: 20-1-3.34 LIBER 11586, PAGE 1917  
SBL: 20-1-3.12 NO DEED REFERENCE  
SBL: 7-3-21 LIBER 14487, PAGE 1821

(\*) 48,775 ACRES AREA = 48,335 ACRES PLUS 0.440 ACRE STORM PARCEL REFERENCED IN NOTE 16



**LONGVIEW FARM SUBDIVISION PLAT**



**LINE TABLE**

| LINE   | LENGTH | BEARING     | BEARING A   |
|--------|--------|-------------|-------------|
| L1/A1A | 20.00  | S27°04'22"E | N27°04'22"E |
| L2/A2A | 90.00  | N71°09'49"W | S71°09'49"E |
| L3/A3A | 52.00  | S79°31'04"W | N79°31'04"E |
| L4/A4A | 125.00 | S44°44'54"W | N44°44'54"E |
| L5/A5A | 95.00  | S75°55'38"W | N75°55'38"E |

**CURVE TABLE**

| CURVE | LENGTH | RADIUS | CHORD DIR.  | CHORD LENGTH |
|-------|--------|--------|-------------|--------------|
| C1    | 39.27  | 25.00  | N59°04'22"W | 35.36        |
| C2    | 39.27  | 25.00  | N30°55'38"E | 35.36        |
| C3    | 39.27  | 25.00  | N64°41'03"W | 35.36        |
| C4    | 39.27  | 25.00  | S25°18'57"W | 35.36        |

**LOT AREA EXCHANGE**

| SECTION   | LOT DESCRIPTION                | PRESENT LOT AREAS | PROPOSED LOT AREAS |
|-----------|--------------------------------|-------------------|--------------------|
| SECTION 1 | LOT 1 (F.M. # 523-04)          | -                 | -                  |
|           | LOT 2 (F.M. # 523-04)          | 2,223 AC          | 1,772 AC           |
|           | LOT 3 (F.M. # 523-04)          | 2,009 AC          | 1,784 AC           |
|           | LOT 4 (F.M. # 523-04)          | 2,234 AC          | 1,997 AC           |
|           | LOT 5 (F.M. # 523-04 & 843-06) | 48,335 AC         | 2,096 AC           |
|           | STORMWATER PARCEL (NOTE 16)    | 0.440 AC          | -                  |
|           | HICKORY SHADOW LOT 21          | 16,256 AC         | -                  |
|           | TAX LOT 20-1-1                 | 13,860 AC         | -                  |
|           | BENTO (20-1-3.1)               | 2,945 AC          | -                  |
|           | LOT 6                          | 1,886 AC          | -                  |
|           | LOT 7                          | 1,852 AC          | -                  |
| SECTION 2 | LOT 8                          | 1,850 AC          | -                  |
|           | LOT 9                          | 1,859 AC          | -                  |
|           | LOT 10                         | 1,871 AC          | -                  |
|           | LOT 11                         | 1,879 AC          | -                  |
|           | LOT 12                         | 2,687 AC          | -                  |
|           | LOT 13                         | 1,929 AC          | -                  |
|           | LOT 14                         | 1,804 AC          | -                  |
|           | LOT 15                         | 6,415 AC          | -                  |
|           | LOT 16                         | 2,705 AC          | -                  |
|           | LOT 17                         | 2,246 AC          | -                  |
|           | LOT 18                         | 2,635 AC          | -                  |
|           | LOT 19                         | 2,058 AC          | -                  |
|           | LOT 20                         | 1,862 AC          | -                  |
|           | LOT 21                         | 1,882 AC          | -                  |
|           | LOT 22                         | 1,115 AC          | -                  |
|           | LOT 23                         | 1,965 AC          | -                  |
|           | SUB-TOTAL                      | 87,802 AC         | 51,094 AC          |

**SURVEY AND PARCEL INFORMATION NOTES:**

- MAP REFERENCE: "SUBDIVISION AND LOT LINE CHANGE, LANDS OF PALMERONE TAYLORS WAY, LLC, SUMMER KIM CORP., AND BENTO, TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED OCTOBER 12, 2004, LAST REVISED JUNE 9, 2006, PREPARED BY T.M. DEPUY ENGINEERING & LAND SURVEYING, P.C., AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON SEPTEMBER 1ST, 2006 AS MAP # 843-06.
- MAP REFERENCE: "FINAL SUBDIVISION PLAT, SUMMER KIM CORP., TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED OCTOBER 1, 2003, LAST REVISED JULY 22, 2004, PREPARED BY T.M. DEPUY ENGINEERING & LAND SURVEYING, P.C., AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON AUGUST 6, 2004 AS MAP # 823-04.
- MAP REFERENCE: "SUBDIVISION PLAT, SCENIC HILLS SUBDIVISION, 38.88 ACRES, FROZEN RIDGE ROAD, NEWBURGH, N.Y., ORANGE COUNTY," DATED SEPTEMBER 18, 1987, LAST REVISED AUGUST 5, 1988, PREPARED BY PETER R. HUSTIS, L.L.S., AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON FEBRUARY 23, 1988 AS MAP # 892-75.
- MAP REFERENCE: "SUBDIVISION PREPARED FOR CANFIELD, TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED MAY 20, 1988, LAST REVISED NOVEMBER 4, 1988, PREPARED BY MESSINA ASSOCIATES AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON NOVEMBER 18, 1988 AS MAP # 877-00.
- MAP REFERENCE: "SUBDIVISION PREPARED FOR ROBERT STONG, TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED MAY 20, 1988, LAST REVISED NOVEMBER 4, 1988, PREPARED BY MESSINA ASSOCIATES AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON NOVEMBER 18, 1988 AS MAP # 877-00.
- MAP REFERENCE: "SUBDIVISION PLAT, 2 LOT SUBDIVISION FOR MICHAEL CLAFFORD," DATED AUGUST 28, 1989, LAST REVISED APRIL 3, 1990, PREPARED BY PETER R. HUSTIS, L.L.S., AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON JULY 31, 1990 AS MAP # 892-71.
- MAP REFERENCE: "PROPOSED SUBDIVISION LANDS OF GERARD G. & ESTHER MAIER, HOLMES ROAD, TN. OF NEWBURGH, ORANGE CO. NEW YORK," DATED MARCH 29, 1982, LAST REVISED MAY 14, 1982, PREPARED BY VINCENT J. DOCE, P.L.S., AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON JUNE 1, 1982 AS MAP # 892-74.
- MAP REFERENCE: "SUBDIVISION FOR BIANCO, TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED APRIL 30, 1991, LAST REVISED JANUARY 13, 1992, PREPARED BY MESSINA ASSOCIATES AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON FEBRUARY 4, 1992 AS MAP # 30-92.
- MAP REFERENCE: "SUBDIVISION PLAN, LANDS OF JOSEPH & ALISA PALMERONE, LATINTOWN ROAD, TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED FEBRUARY 21, 1996, LAST REVISED APRIL 19, 1998, PREPARED BY VINCENT J. DOCE ASSOCIATES AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON JUNE 17, 1998 AS MAP # 115-96.
- MAP REFERENCE: "SUBDIVISION PLAT, HICKORY SHADOW, INC., TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED MAY 3, 2002, LAST REVISED DECEMBER 12, 2002, PREPARED BY T.M. DEPUY ENGINEERING & LAND SURVEYING, P.C., AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON \* AS MAP # \*.
- MAP REFERENCE: "SUBDIVISION AND SURVEY MAP OF A PORTION OF LANDS OF THOMAS F. & DIANE B. TAYLOR SITUATE IN THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED AUGUST 16, 1982 BY JOHN TAROLLI, LICENSED LAND SURVEYOR AND ENGINEER, AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON NOVEMBER 19, 1982 AS MAP # 897-08.
- MAP REFERENCE: "SURVEY & SUBDIVISION MAP OF A PORTION OF LANDS OF THOMAS F. & DIANE B. TAYLOR SITUATE IN THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED FEBRUARY 23, 1985, LAST REVISED FEBRUARY 25, 1987, PREPARED BY MERCURIO-NORTON-TAROLLI LAND SURVEYING-ENGINEERING, AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE AS MAP # 897-08.
- MAP REFERENCE: "SURVEY & SUBDIVISION MAP OF A PORTION OF LANDS OF THOMAS F. & DIANE B. TAYLOR SITUATE IN THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED SEPTEMBER 23, 1986, LAST REVISED NOVEMBER 18, 1991, PREPARED BY MERCURIO-NORTON-TAROLLI LAND SURVEYING-ENGINEERING, AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE AS MAP # 801-8.
- MAP REFERENCE: "SURVEY & SUBDIVISION MAP OF A PORTION OF LANDS OF THOMAS F. & DIANE B. TAYLOR SITUATE IN THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK," DATED APRIL 1987, LAST REVISED JUNE 9, 1988, PREPARED BY MERCURIO-NORTON-TAROLLI LAND SURVEYING-ENGINEERING, AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON JULY 31, 1988 AS MAP # 897-77.
- MAP REFERENCE: "PROPOSED SUBDIVISION FOR STORM WATER TREATMENT OF THE ADJOINING PALMERONE-TAYLORS WAY SUBDIVISION. THIS SUBDIVISION ACCEPTS THE STORM WATER INTENDED FOR THAT TREATMENT SITE, AND CONVEYS IT TO THE STORM WATER TREATMENT PARCEL PROPOSED HEREON. APPROVAL OF THIS SUBDIVISION RESCINDS THE PREVIOUS OFFER, AND THE STORM WATER PARCEL BECOMES PART OF THE PROPOSED RESIDENTIAL LOT.
- DEED COVENANT RESERVING \* A LIMITED POWER OF ATTORNEY TO MAKE ALL APPLICATIONS NECESSARY TO THE TOWN OF NEWBURGH PLANNING BOARD TO EFFECT RED-SUBDIVISION, DEDICATION OF SLOAN LAND FOR PUBLIC HIGHWAY PURPOSES. \* AUTHORIZES THE DEVELOPER TO MAKE THIS APPLICATION ON BEHALF OF TAX PARCELS 20-1-3.32, 3.33, AND 3.34 FOR ROAD DEDICATION PARCELS OF C, D, AND E DESCRIBED HEREIN.

**OWNERS ENDORSEMENT**

I GRANT MY APPROVAL TO THE FILING OF THIS PLAT IN THE ORANGE COUNTY CLERK'S OFFICE

| Owner | Date |
|-------|------|
| Owner | Date |
| Owner | Date |
| Owner | Date |

I HEREBY CERTIFY THAT THE PROPOSED SEWERAGE AND WATER FACILITIES FOR EACH LOT ARE DESIGNED TO SERVE ANY DWELLING UNIT TO BE LOCATED THEREON AND ARE DESIGNED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS PROMULGATED BY THE NEW YORK STATE DEPARTMENTS OF HEALTH AND ENVIRONMENTAL CONSERVATION. I HAVE CONDUCTED A VISUAL INSPECTION OF THE ACTUAL SOIL AND SITE CONDITIONS TO BE USED IN THE DESIGN OF THE SEWERAGE AND WATER FACILITIES AT THE LOCATION AT \*.

THOMAS M. DEPUY, LICENSE #049783

**RESERVED FOR APPROVAL**

| NO. | DATE     | REVISIONS   | BY  |
|-----|----------|---|-----|
| 6   | 12/21/09 | REVISED PER O.C.H.D. COMMENTS (7/17/09)   | SMC |
| 5   | 12/19/08 | REVISED PER O.C.H.D. COMMENTS (7/22/08)   | LAP |
| 4   | 11/28/07 | REVISED SECTION LINES   | MAP |
| 3   | 9/06/07  | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S. PLAN SET OF 20 DWG | MAP |
| NO. | DATE     | REVISIONS   | BY  |

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IN RED IS A VIOLATION OF SECTION 7208, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

\*ONLY COPIES FROM THE ORIGINAL TRACINGS OF THIS SURVEY MAP MARKED WITH THE LAND SURVEYOR'S SEAL IN RED SHALL BE CONSIDERED "TRUE COPIES."

\*CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE BELMONT-HUDSON LAND SURVEYORS ASSOCIATION. SAID CERTIFICATIONS SHALL RUN ONLY TO THOSE NAMED INDIVIDUALS AND/OR INSTITUTIONS FOR WHOM THE SURVEY WAS PREPARED. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INDIVIDUALS OR INSTITUTIONS.

I HEREBY CERTIFY TO THE TOWN OF NEWBURGH THAT THIS SUBDIVISION MAP IS THE RESULT OF AN ACTUAL FIELD SURVEY BY THE SURVEYOR AND HIS ASSISTANTS AND LAND SURVEYING PERSONNEL ON NOVEMBER 19, 2002.

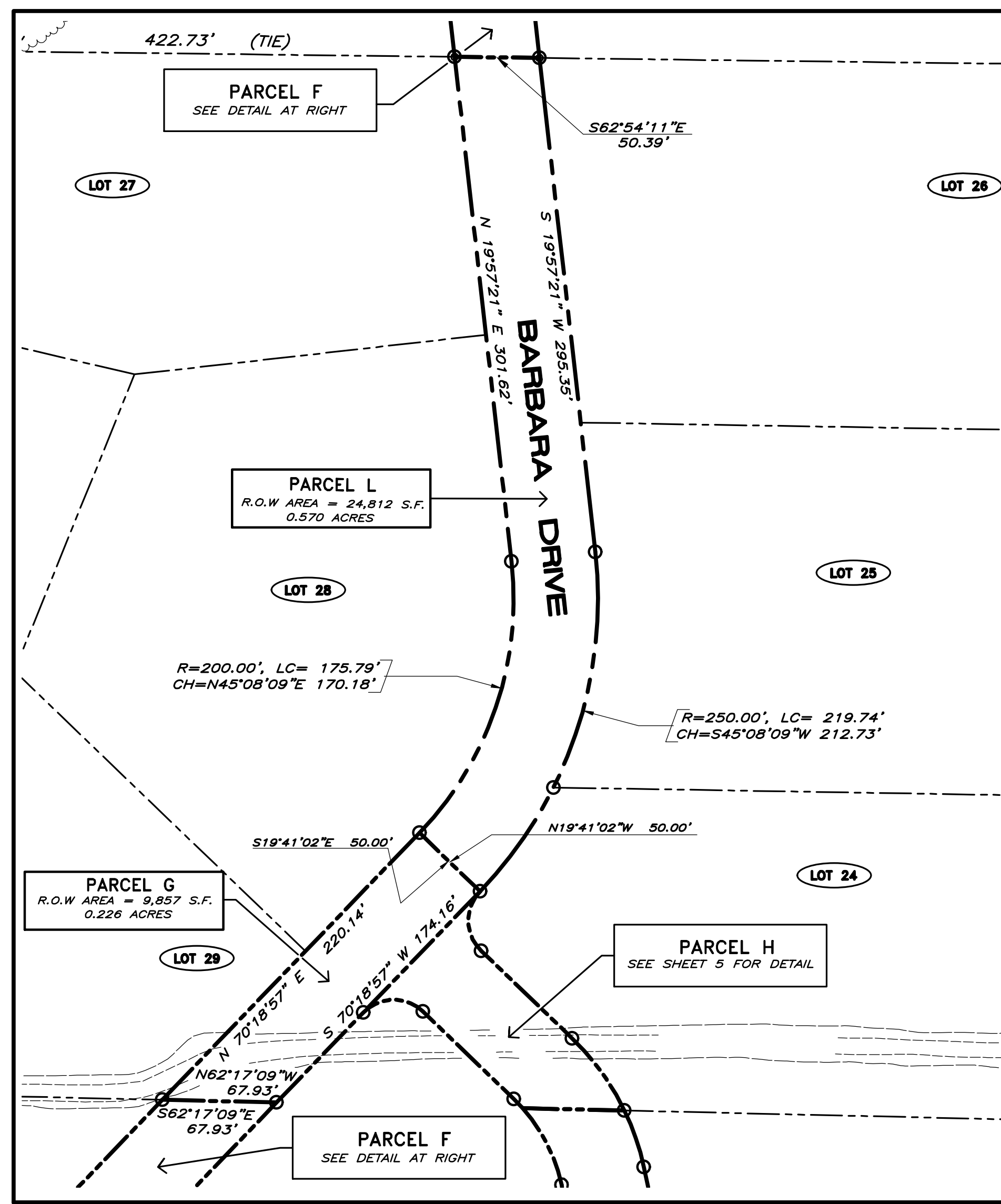
THOMAS M. DEPUY, LICENSE #049783

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

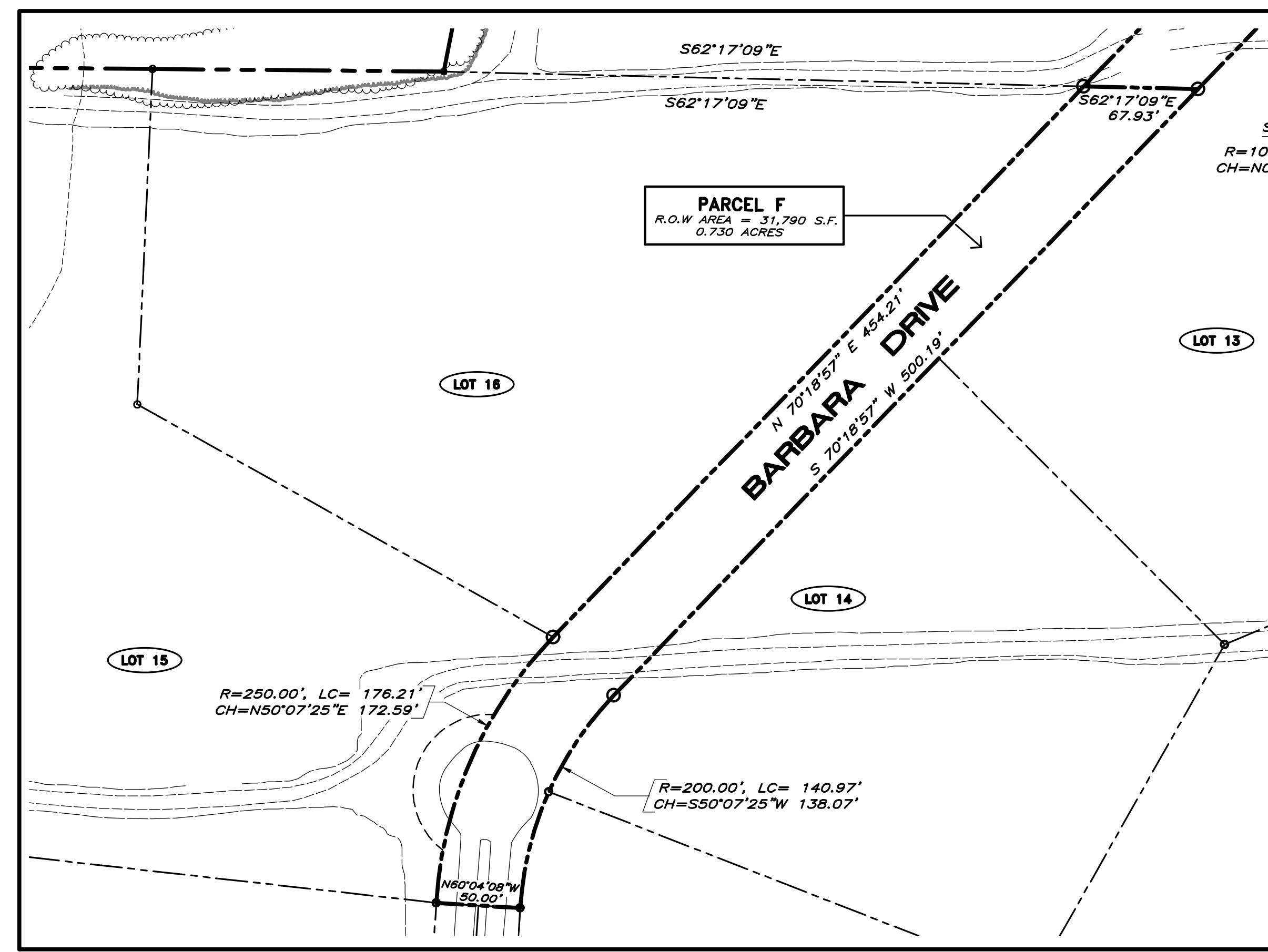
JOB NO. 020225-02 SCALE: 1" = 100' DATE: JUNE 28, 2006  
FILE: 020225-02 TITLE: PRELIMINARY SUBDIVISION PLAT OF LOT 5 OF FILED MAP # 523-04, INCLUDING AMENDMENTS BY FILED MAP # 843-06

PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

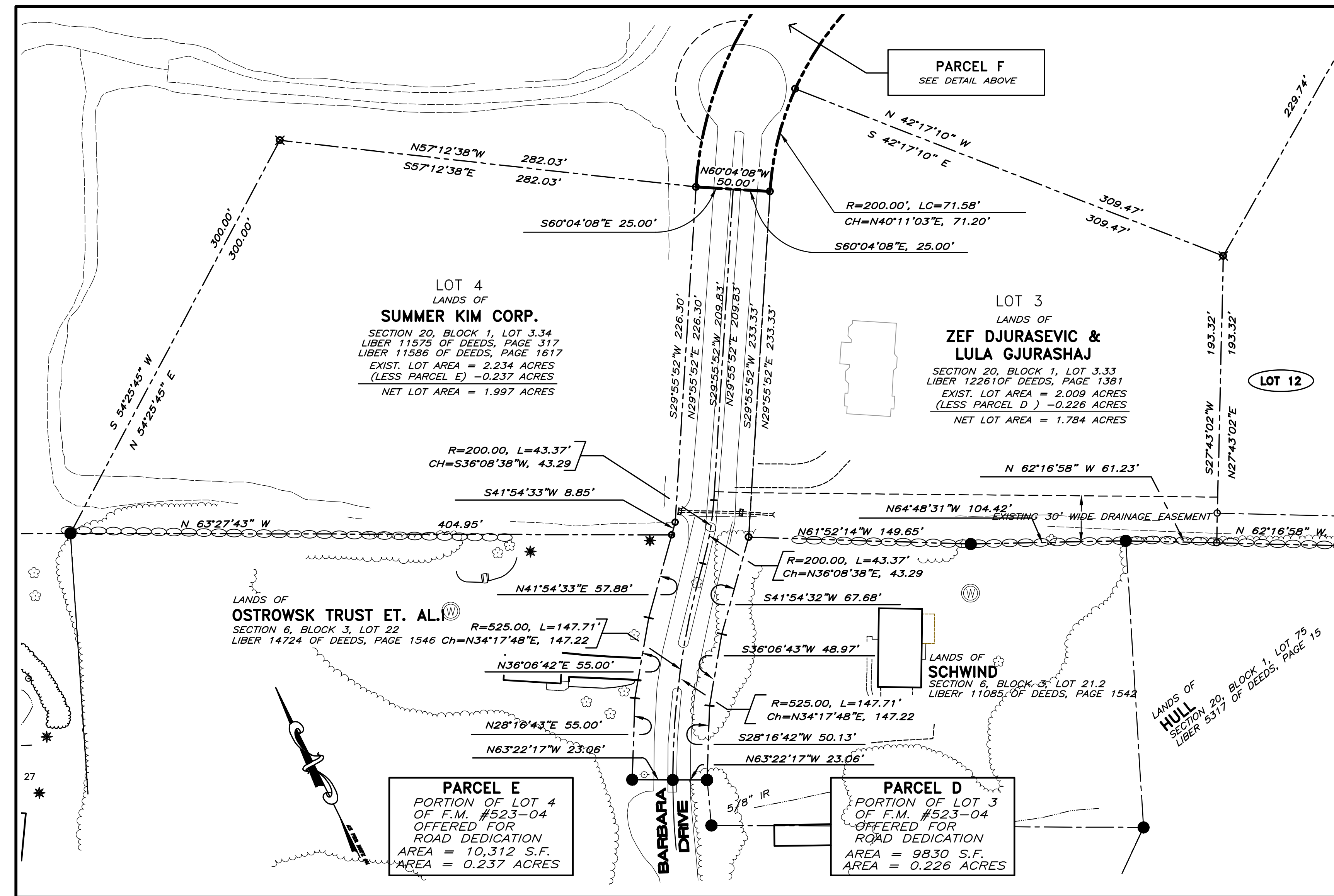
**T. M. DEPUY** DWG. 2  
ENGINEERING & LAND SURVEYING, P.C.  
2656 ROUTE 302, MIDDLETOWN, NY 10941  
PHONE: (845) 361-5421 FAX: (845) 361-5229 OF 20



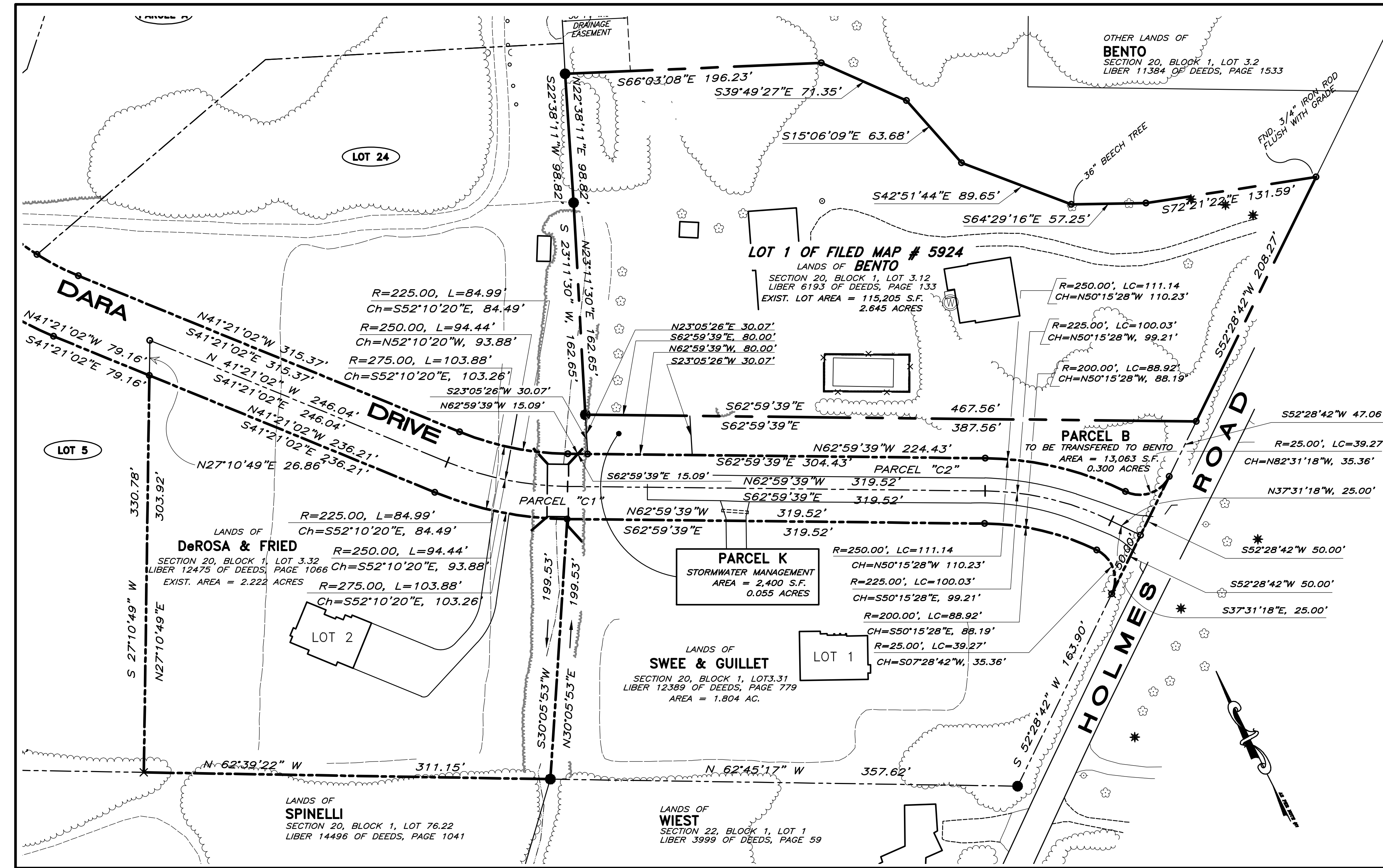
**PARCEL 'G' AND 'L'  
BARBARA DRIVE**  
SCALE: 1" = 60'



**PARCEL 'F'  
BARBARA DRIVE**  
SCALE: 1" = 60'

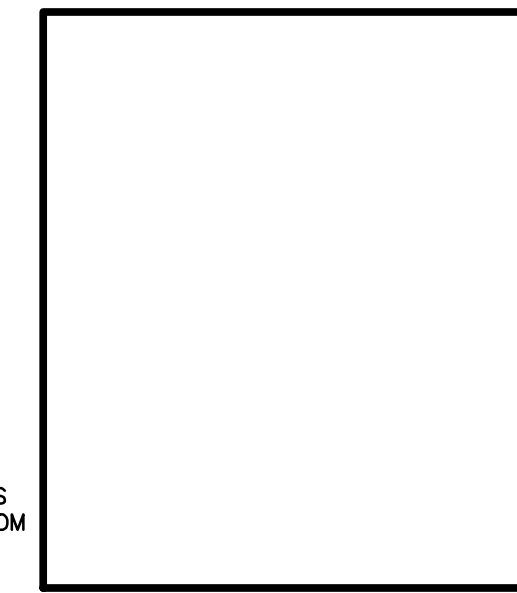


**DETAIL - 'A'  
LOT LINE CHANGES TO LOTS 3 AND 4 OF F.M. 523-04**  
SCALE: 1" = 50'



**DETAIL - 'B'  
LOT LINE CHANGES TO LOT 2 OF F.M. 523-04 AND LOT 1 OF F.M. 5924 (BENTO PARCEL)  
AND CREATION OF PARCEL K**  
SCALE: 1" = 50'

RESERVED FOR APPROVAL



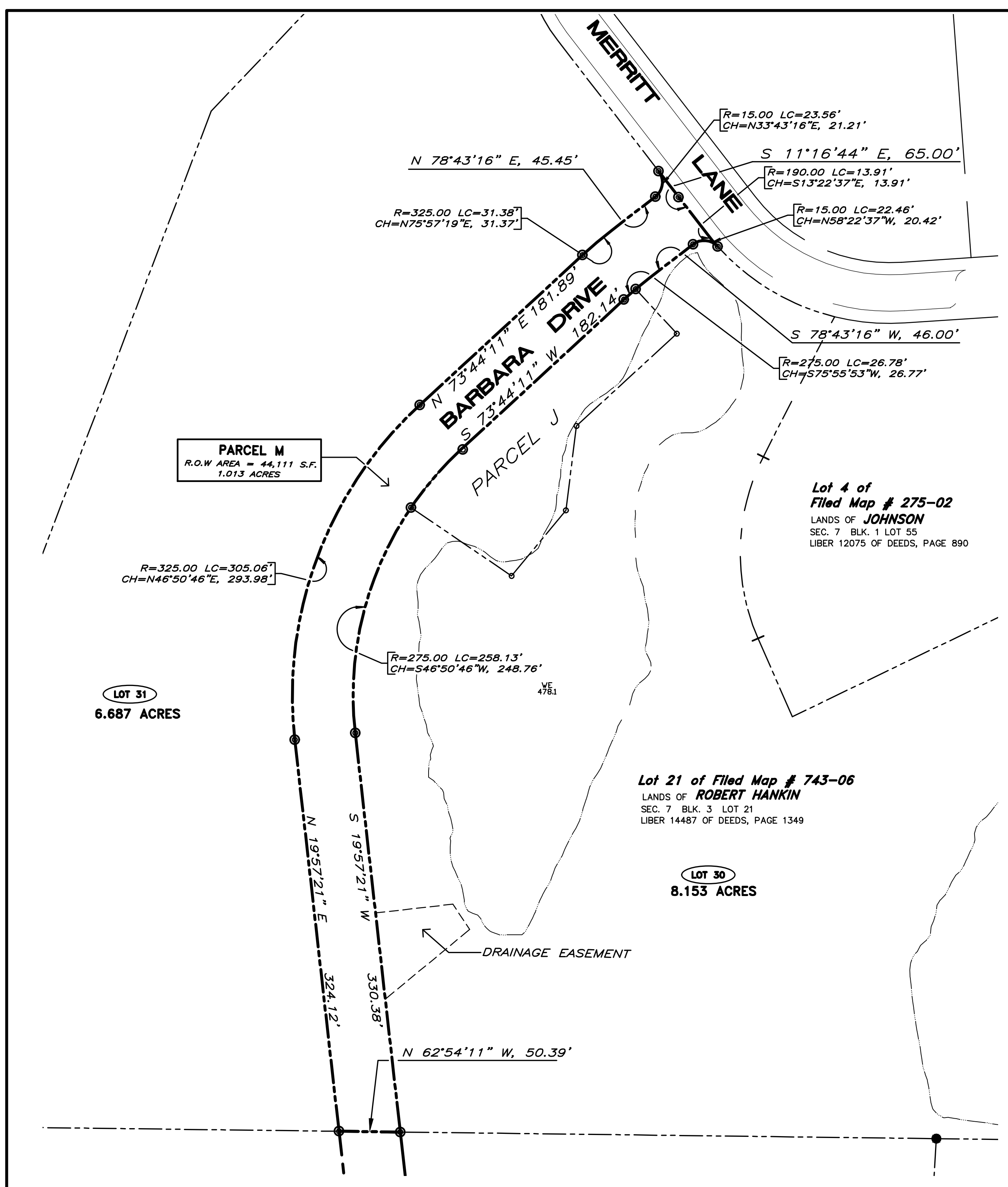
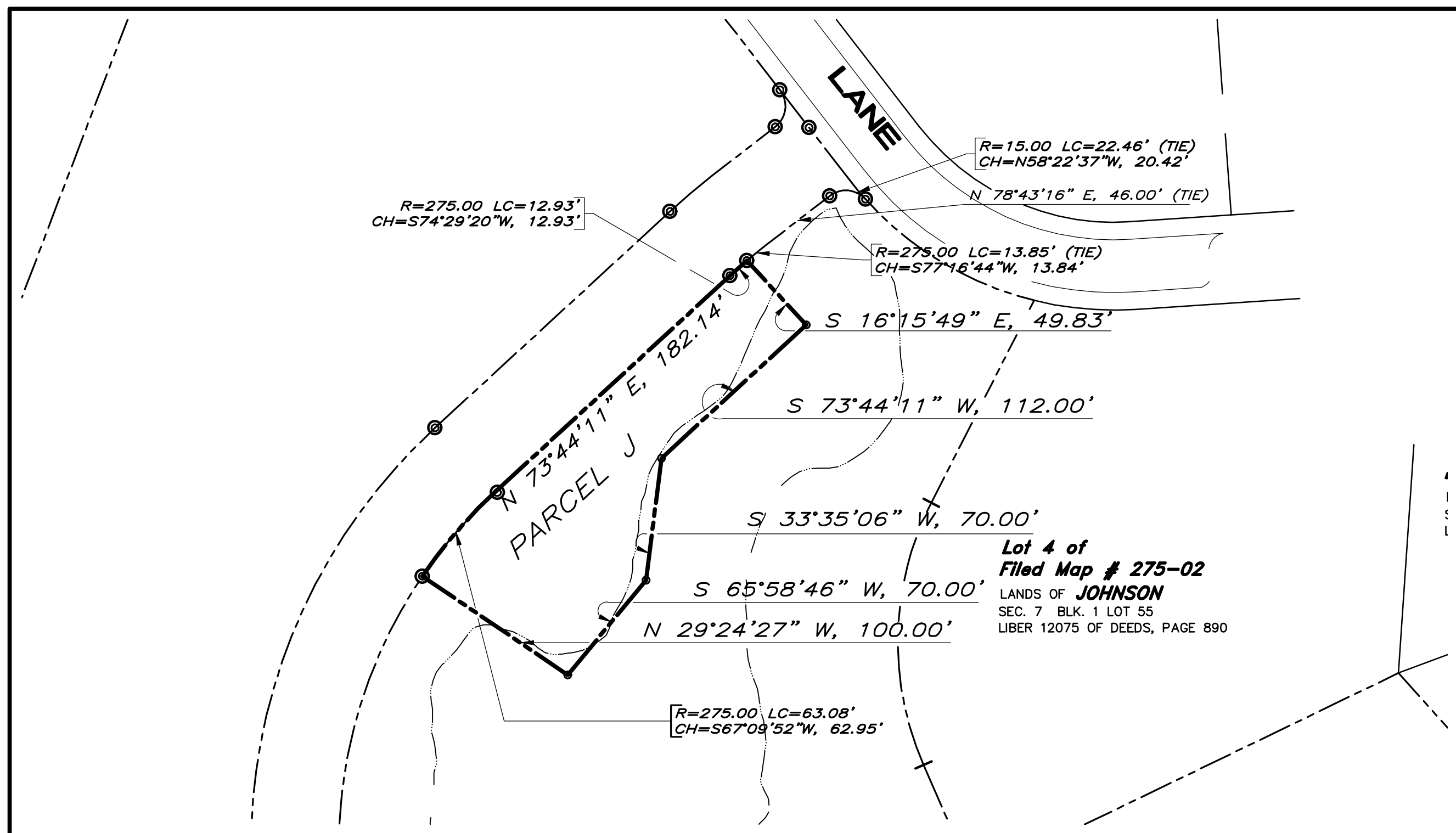
| NO. | DATE     | REVISIONS  | BY  |
|-----|----------|--|-----|
| 4   | 07/26/10 | RENUMBER LOTS 21A & 21B TO 30 & 31   | SMC |
| 3   | 11/28/07 | REVISED SECTION LINES  | MAP |
| 2   | 9/06/07  | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG | MAP |
| 1   | 2/21/07  | ADD KACENSKY PARCEL  | T   |

|   |   |
|---|---|
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.                   | JOB NO. 02025L5<br>SCALE: 1" = 50'<br>DATE: JUNE 28, 2006 |
| TITLE: SUBDIVISION PLAT OF LOTS 2, 3, AND 4 OF FILED MAP # 523-04, LOT 1 OF FILED MAP # 5924, AND LOT 13-2 OF FILED MAP # 105-93              |   |
| PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK                              |   |
| <b>T. M. DEPUY</b><br>ENGINEERING & LAND SURVEYING, P.C.<br>2656 ROUTE 302, MIDDLETOWN, NY 10941<br>PHONE: (845) 361-5421 FAX: (845) 361-5229 | DWG. <b>3</b><br>OF 20                                    |

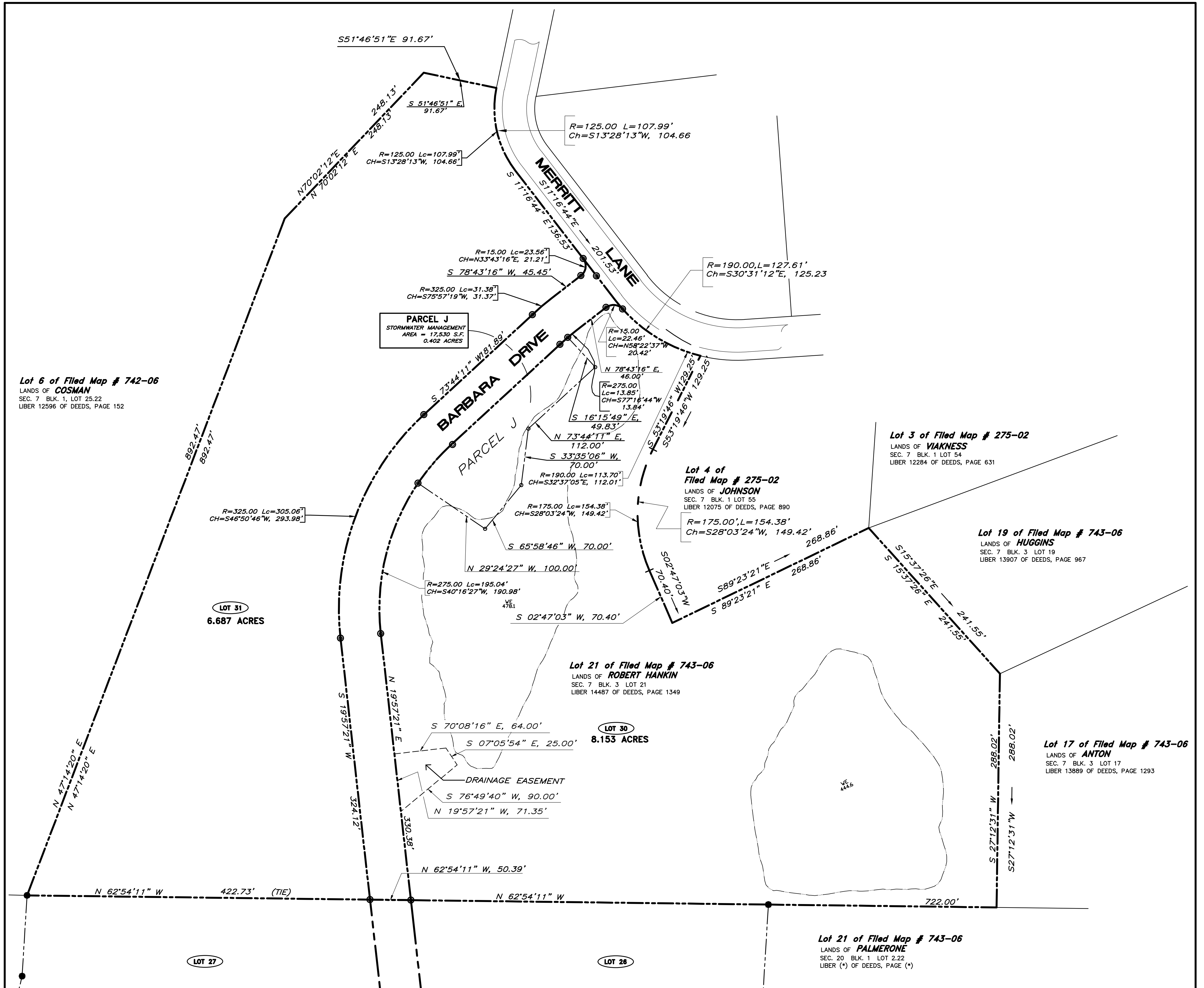
THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM

10/17/2002 - REVIVE PROJECT



PARCEL "M"  
SCALE: 1" = 60'

BARBARA DRIVE



DETAIL - "D"  
LOT LINE CHANGES TO LOT 21 OF F.M. 743-06  
(HICKORY SHADOW)

LOT 21 SUMMARY OF AREAS

| PARCEL   | DESCRIPTION  | AREA (S.F.)  | AREA (ACRES) |
|----------|--|--------------|--------------|
| PARCEL J | PORTION OF LOT 21 OF F.M. # 743-06 OFFERED FOR STORMWATER MANAGEMENT | 17,530 S.F.  | 0.402 ACRES  |
| LOT 30   | PROPOSED LOT 30  | 355,162 S.F. | 8.153 ACRES  |
| LOT 31   | PROPOSED LOT 31  | 291,299 S.F. | 6.687 ACRES  |
| PARCEL M | BARBARA DRIVE R.O.W.   | 44,111 S.F.  | 1.013 ACRES  |
|          | AREA OF LOT 21 OF F.M. # 743-06                                      | 708,102 S.F. | 16.256 ACRES |

THIS PLAN IS NOT REVIEWED OR APPROVED BY THE ORANGE COUNTY HEALTH DEPT.

RESERVED FOR APPROVAL

| NO. | DATE     | REVISIONS  | BY  |
|-----|----------|--|-----|
| 5   | 07/26/10 | RENUMBER LOTS 21A & 21B TO 30 & 31   | SMC |
| 4   | 12/19/08 | REVISED PER O.C.H.D. COMMENTS (7/22/08)  | LAP |
| 3   | 11/28/07 | REVISED LOT 21 AND ROAD DEDICATION   | MAP |
| 2   | 9/6/07   | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG | MAP |

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

RESUBDIVISION OF LOT 21 OF FILED MAP # 743-06

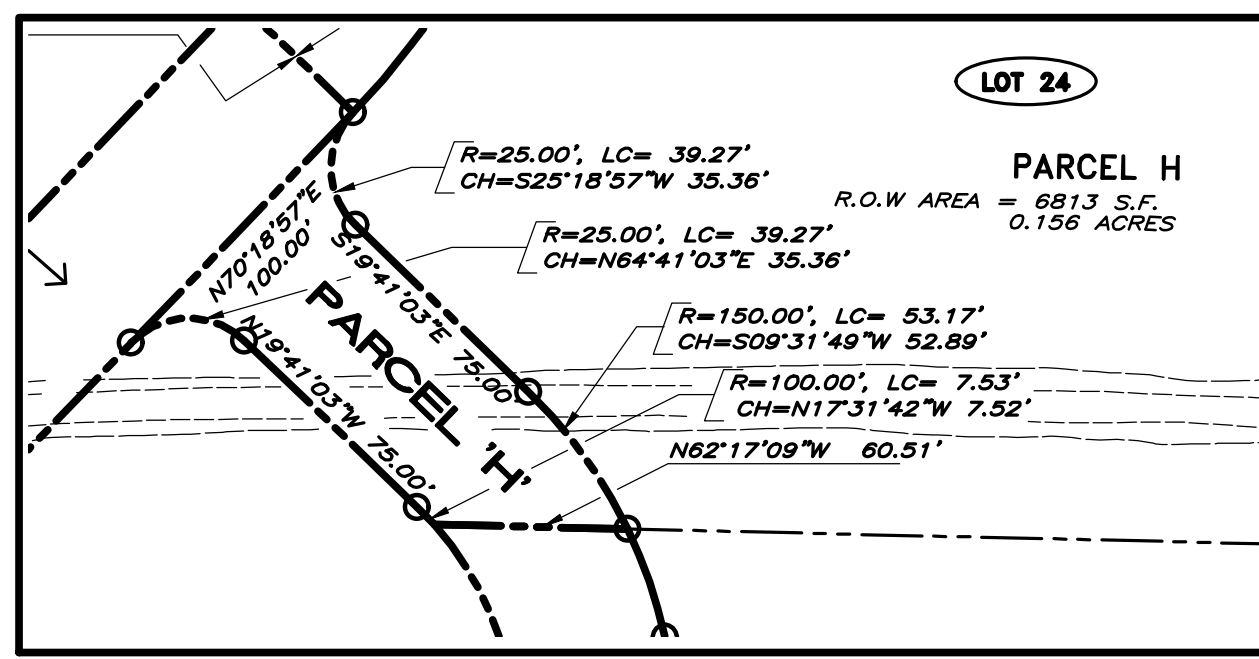
PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

T. M. DEPUY  
ENGINEERING & LAND SURVEYING, P.C.  
2856 ROUTE 302, MIDDLETOWN, NY 10941  
PHONE: (845) 361-5421 FAX: (845) 361-5229

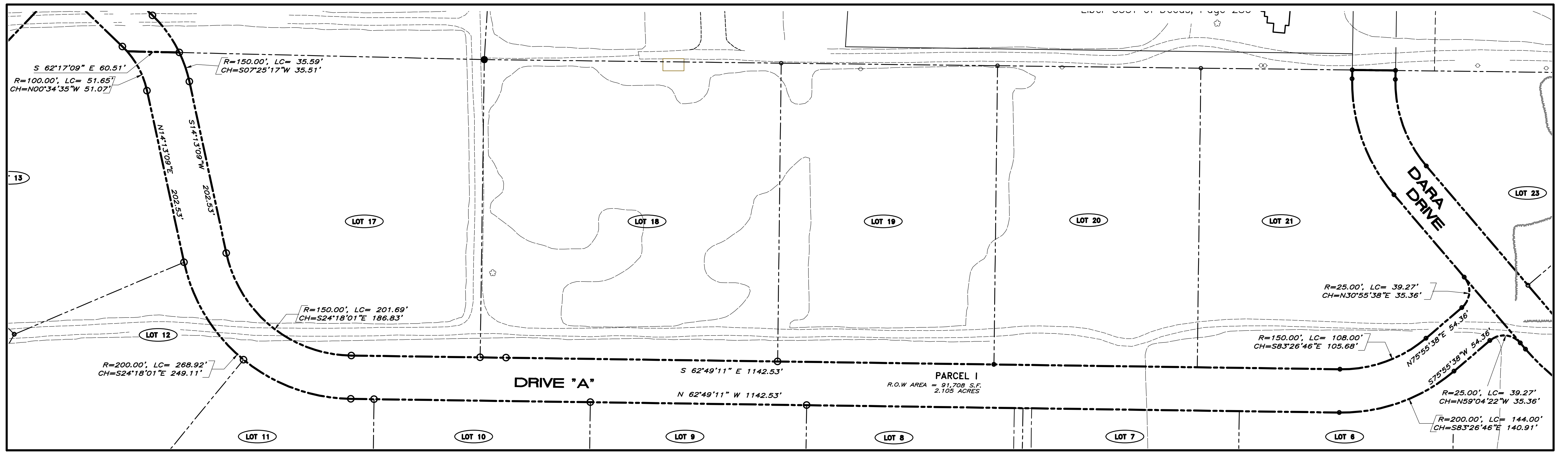
SCALE: 1" = 60' DATE: FEBRUARY 21, 2007

DWG. 4 OF 20

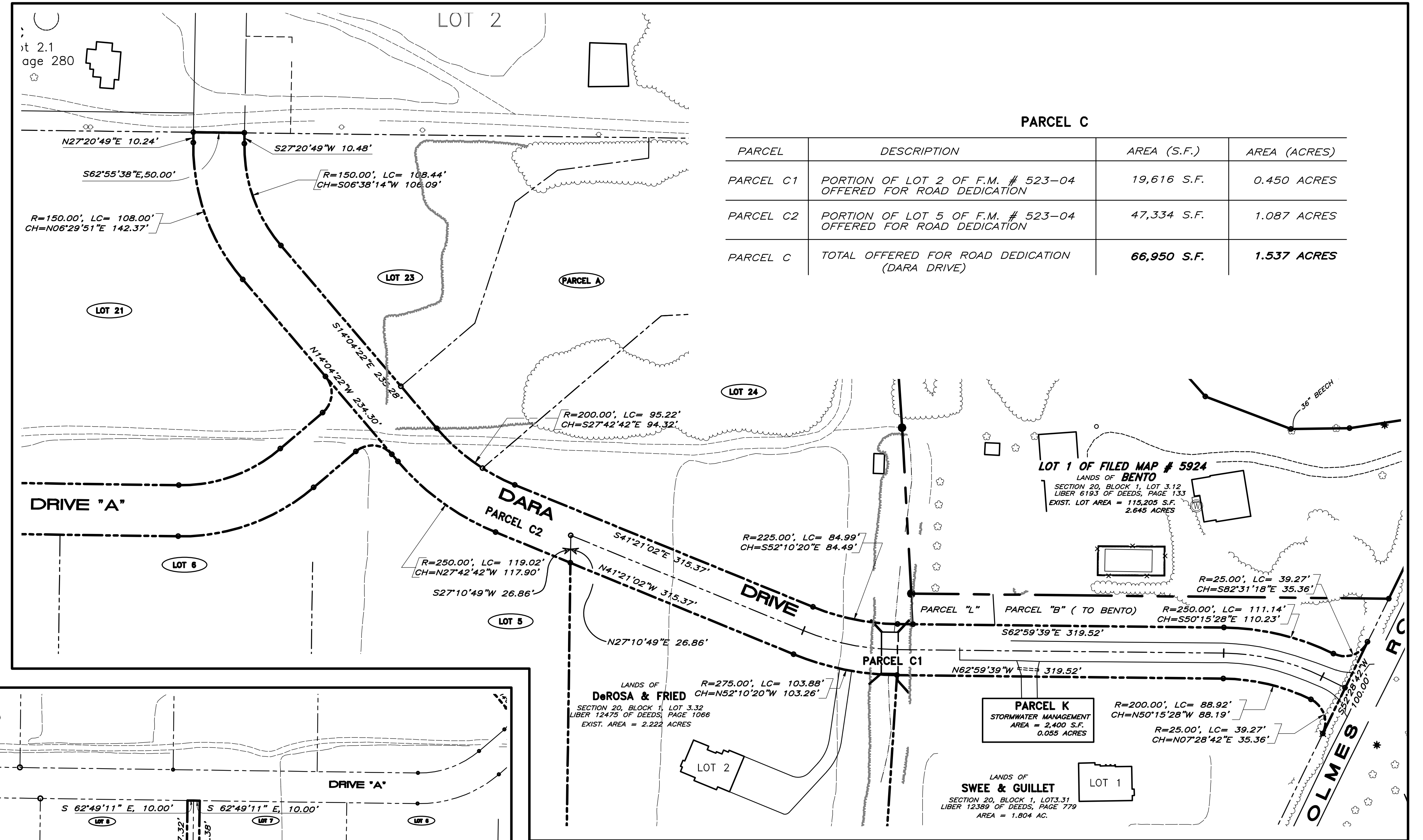
THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.



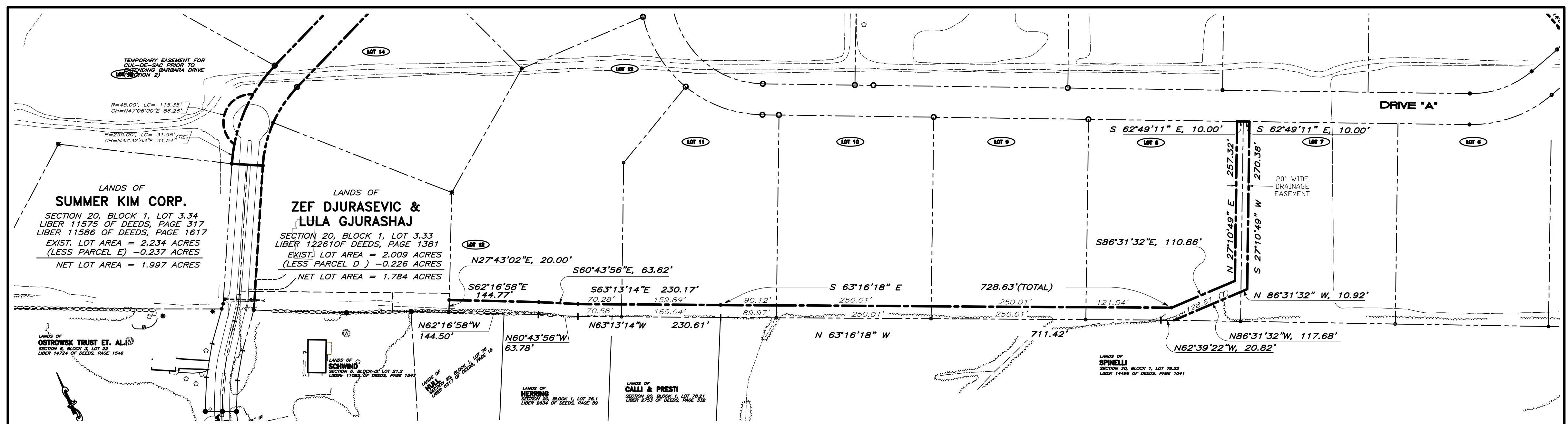
**PARCEL "H"  
(DRIVE "A")**  
SCALE: 1" = 60'



**PARCEL I  
(DRIVE "A")**  
SCALE: 1" = 60'



| PARCEL C  |   |             |              |
|-----------|---|-------------|--------------|
| PARCEL    | DESCRIPTION   | AREA (S.F.) | AREA (ACRES) |
| PARCEL C1 | PORTION OF LOT 2 OF F.M. # 523-04 OFFERED FOR ROAD DEDICATION | 19,616 S.F. | 0.450 ACRES  |
| PARCEL C2 | PORTION OF LOT 5 OF F.M. # 523-04 OFFERED FOR ROAD DEDICATION | 47,334 S.F. | 1.087 ACRES  |
| PARCEL C  | TOTAL OFFERED FOR ROAD DEDICATION (DARA DRIVE)                | 66,950 S.F. | 1.537 ACRES  |



**DRAINAGE EASEMENT**  
SCALE: 1" = 100'

**PARCELS "C1" AND "C2"  
DARA DRIVE**  
SCALE: 1" = 60'

RESERVED FOR APPROVAL

|   |          |  |      |
|---|----------|--|------|
| 5 | 07/26/10 | RENUMBER LOTS 21A & 21B TO 30 & 31   | S/MC |
| 4 | 12/19/08 | REVISED PER O.C.H.D. COMMENTS (7/22/08)  | LAP  |
| 3 | 11/27/07 | REVISED PARCEL "C"   | MAP  |
| 2 | 09/06/07 | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG | MAP  |
| 1 |          |  |      |

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

NO. DATE REVISIONS BY

SCALE: AS SHOWN DATE: JUNE 28, 2006

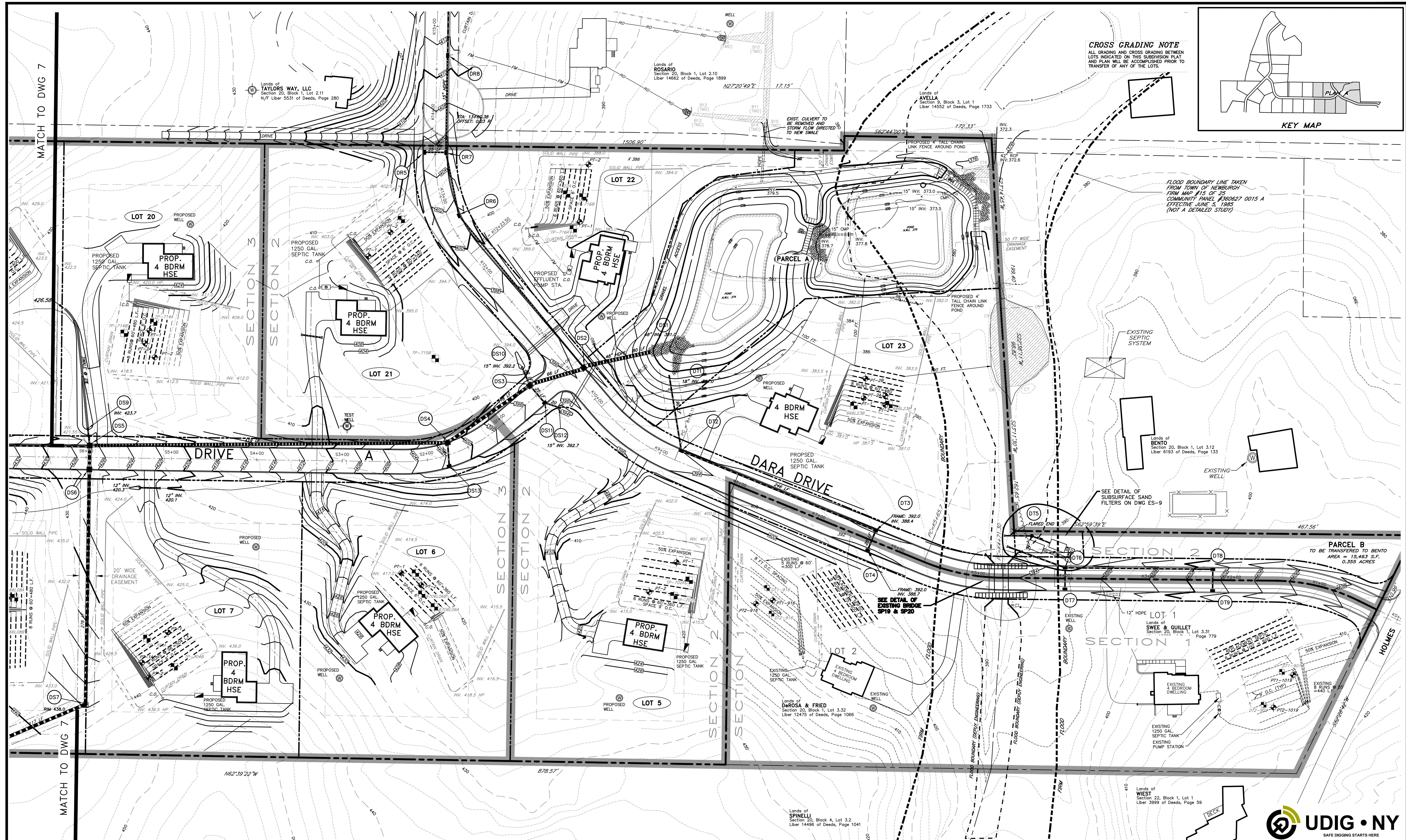
**ROAD DEDICATION PARCELS AND DRAINAGE EASEMENT**

PROJECT: **LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3**  
TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

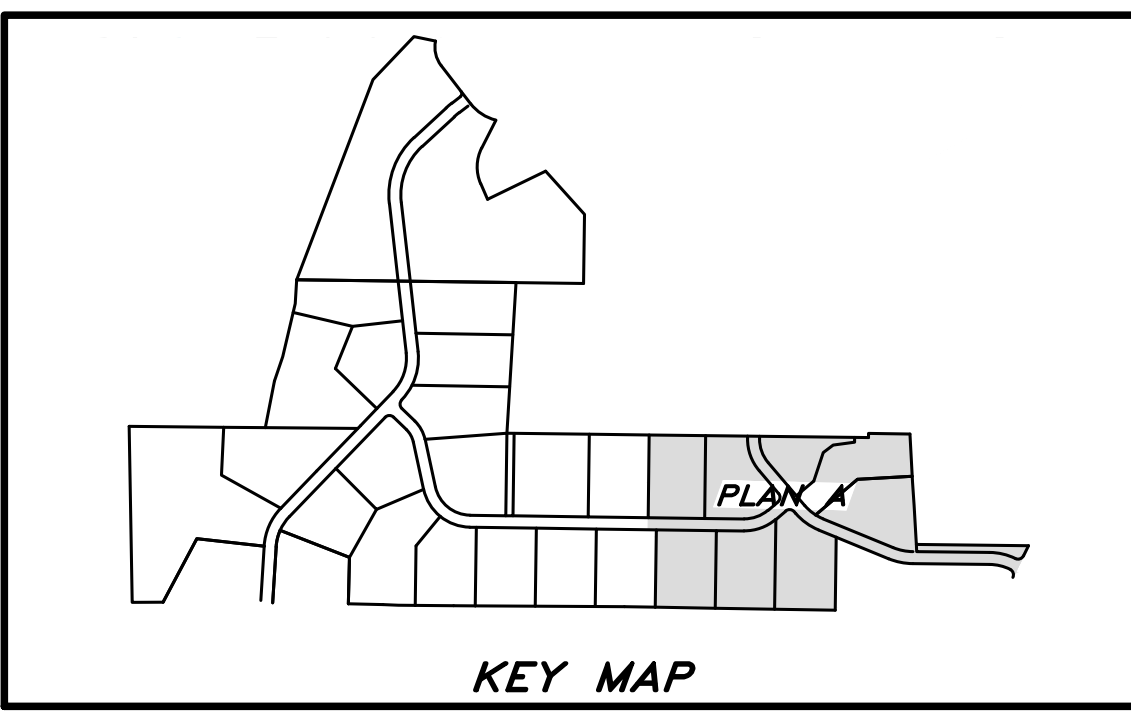
**T. M. DEPUY**  
ENGINEERING & LAND SURVEYING, P.C.  
2856 ROUTE 302, MIDDLETOWN, NY 10941  
PHONE: (845) 361-5421 FAX: (845) 361-5229

DWG. **5** OF 20

THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.



**CROSS GRADING NOTE**  
 ALL GRADING AND CROSS GRADING BETWEEN LOTS INDICATED ON THIS SUBDIVISION PLAN AND PLAN WILL BE ACCOMPLISHED PRIOR TO TRANSFER OF ANY OF THE LOTS.



FLOOD BOUNDARY LINE TAKEN FROM TOWN OF NEWBURGH FROM MAP #15 OF '25 COMMUNITY PANEL #230027 0015 A EFFECTIVE JUNE 5, 1985 (NOT A DETAILED STUDY)

| DRAINAGE STRUCTURE TABLE |          |             |             |             |             |          |          |          |          |          |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|--------------------------|----------|-------------|-------------|-------------|-------------|----------|----------|----------|----------|----------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| INLET NO.                | DS1      | DS2         | DS3         | DS4         | DS5         | DS6      | DS7      | DS8      | DS9      | DS10     | DS11        | DS12     | DS13     | DR5      | DR6      | DR7      | DR8      | DT1      | DT2      | DT3      | DT4      | DT5      | DT6      | DT7      | DT8      | DT9      |
| TYPE                     | ENDWALL  | CB-C        | CB-C        | CB-C        | CB-C        | CB-C     | CB-C     | F.E.     | F.E.     | FE       | CB-A        | F.E.     | CB-A     | CB-A     | CB-A     | CB-A     | CB-A     | F.E.     | CB-A     | CB-A     | CB-A     | CB-A     | CB-A     | CB-A     | CB-A     | CB-A     |
| PIPE                     | 48" HDPE | 48" HDPE    | 48" HDPE    | 42" HDPE    | 42" HDPE    | 42" HDPE | 42" HDPE | 42" HDPE | 18" HDPE | 15" HDPE | 18" HDPE    | 18" HDPE | 15" HDPE | 15" HDPE | 18" HDPE | 15" HDPE | 15" HDPE | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE |
| LENGTH                   | -        | 80 LF       | 66 LF       | 118 LF      | 419 LF      | 25 LF    | 276 LF   | 117 LF   | 20 LF    | 20 LF    | 25 LF       | 20 LF    | 27 LF    | 35 LF    | 230 LF   | 75 LF    | 114 LF   | -        | 90 LF    | 246 LF   | 25 LF    | -        | 69 LF    | 22 LF    | 168 LF   | 22 LF    |
| FRAME (EL)               | -        | 395.7       | 394.7       | 401.3       | 426.8       | 426.8    | 437.6    | -        | -        | -        | 394.7       | -        | 401.7    | 405.2    | 401.3    | 405.2    | 411.1    | -        | 394.2    | 392.0    | 392.0    | -        | 394.62   | 394.62   | 401.25   | 401.25   |
| INV. (IN)                | -        | -           | 390.7 (18") | 398.0 (15") | 420.3 (42") | -        | -        | -        | -        | -        | -           | -        | -        | -        | -        | 401.9    | -        | -        | -        | 385.8    | -        | -        | -        | -        | 397.73   | -        |
| INV. (IN)                | -        | 386.5 (48") | 388.7 (42") | 395.5 (42") | 422.8 (24") | 421.0    | -        | -        | -        | -        | 391.4 (18") | -        | -        | -        | 398.0    | 401.9    | 408.1    | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| INV. (IN)                | -        | 391.7 (18") | 390.7 (15") | -           | 423.5 (18") | -        | 431.8    | -        | -        | -        | -           | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| INV. (OUT)               | 381.0    | 383.2       | 388.2       | 394.8       | 420.3       | 421.0    | 428.1    | 434.8    | 423.7    | 392.2    | 391.4       | 392.7    | 398.7    | 402.2    | 397.3    | 401.2    | 406.1    | 381.0    | 385.8    | 388.4    | 388.7    | 386.0    | 391.2    | 391.7    | 397.7    | 398.2    |

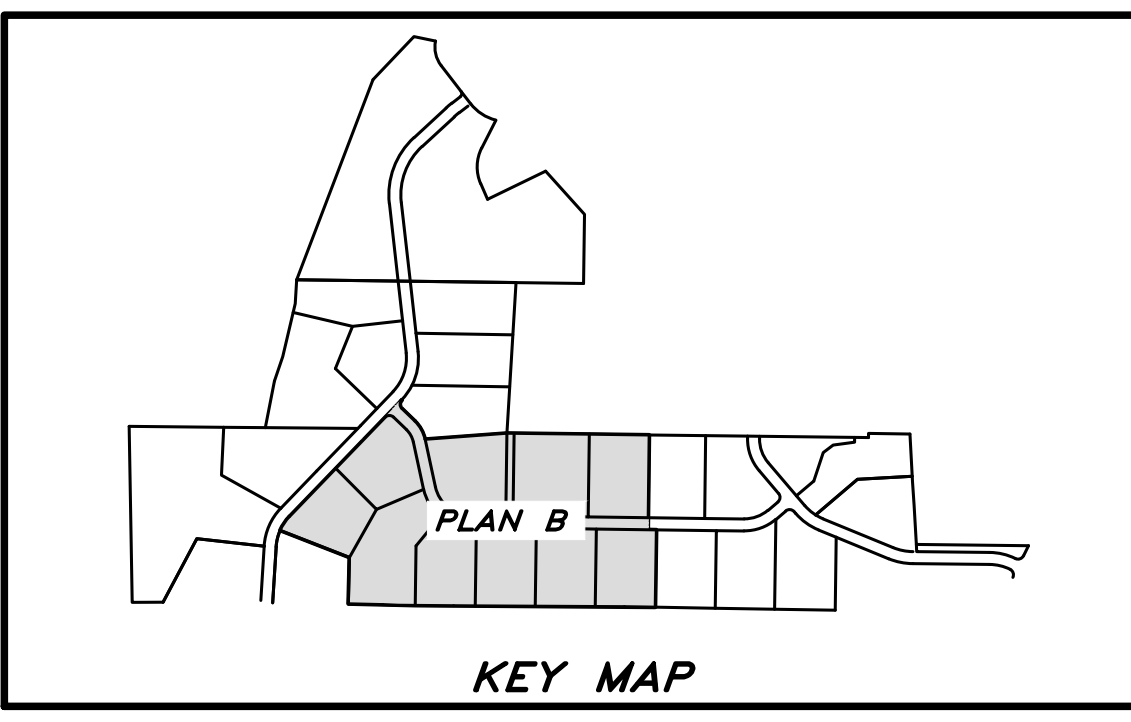
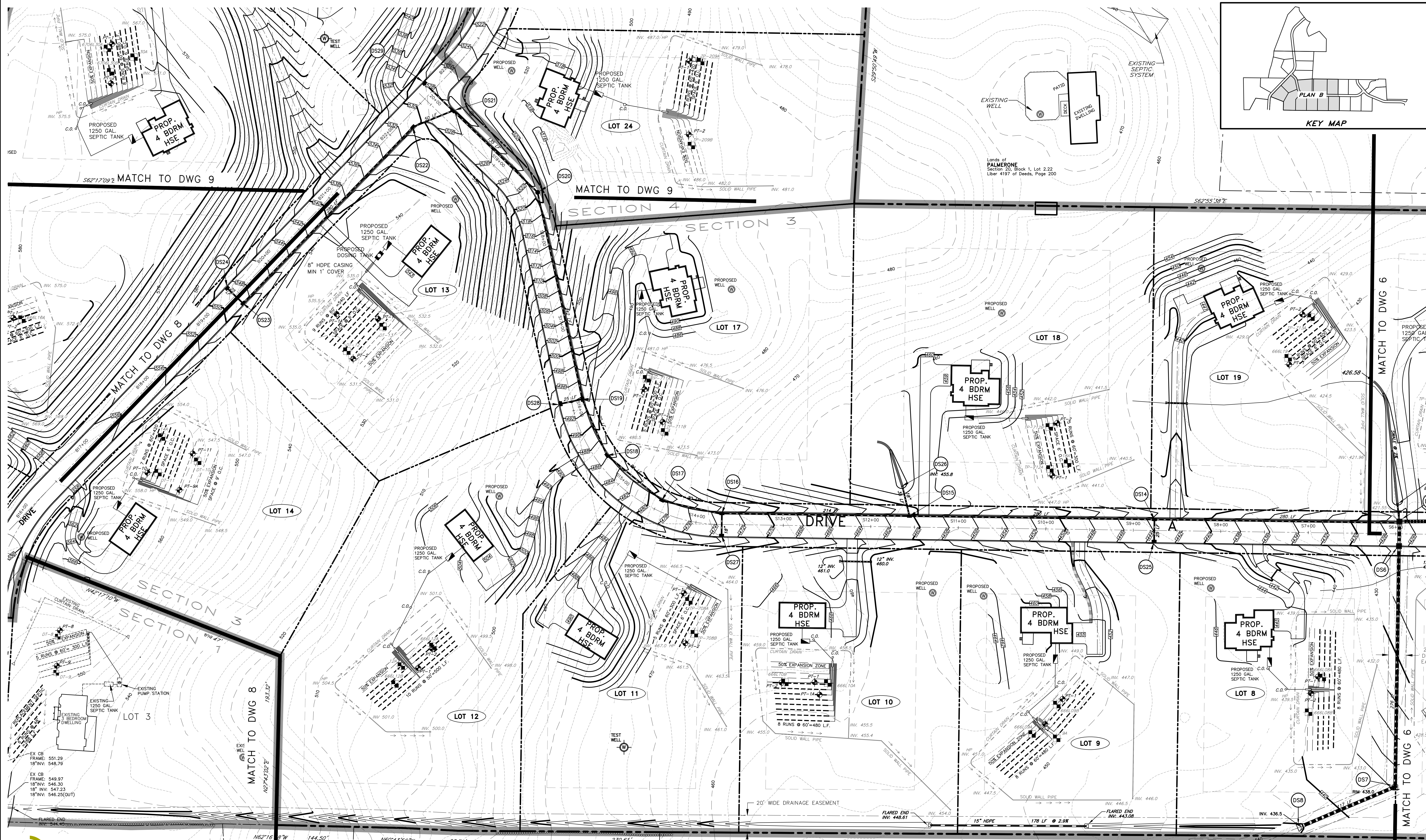
RESERVED FOR APPROVAL

|   |          |   |   |
|---|----------|---|---|
| 8   | 07/26/10 | REVISED PER O.C.H.D. COMMENTS (7/21/10)                         | SMC                                       |
| 7   | 12/21/09 | REVISED PER O.C.H.D. COMMENTS (7/17/09)                         | SMC                                       |
| 6   | 6/24/09  | REVISED PER O.C.H.D. COMMENTS (1/29/09)                         | SMC                                       |
| 5   | 12/19/08 | REVISED PER O.C.H.D. COMMENTS (7/22/08)                         | LAP                                       |
| NO.   | DATE     | REVISIONS   | BY  |
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW. |          | JOB NO. 02025L5-06-09<br>SCALE: 1" = 40'<br>DATE: JUNE 28, 2006 | FILE: 02025L5-06-09                       |
| <b>SUBDIVISION PLAN "A"</b>   |          |   | <b>6</b>                                  |
| PROJECT: <b>LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK</b>     |          |   | DWG. OF 20                                |
| ENGINEER: <b>T. M. DEPUY</b>  |          |   | PHONE: (845) 361-5421 FAX: (845) 361-5229 |



10/17/2022 - REVISE PROJECT: 1/6/2023 SECTIONS





DRAINAGE STRUCTURE TABLE

| INLET NO.  | DS6      | DS7      | DS8      | DS9      | DS14     | DS15     | DS16     | DS17     | DS18     | DS19     | DS20     | DS21     | DS22     | DS23     | DS24     | DS25     | DS26     | DS27     | DS28     | DS29     |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| TYPE       | CB-C     | CB-C     | F.E.     | F.E.     | CB-A     | CB-A     | CB-A     | CB-A     | CB-A     | CB-A     | MANHOLE  | CB-A     | CB-A     | CB-A     | CB-A     | CB-A     | F.E.     | CB-A     | CB-A     | CB-A     |
| PIPE       | 42" HDPE | 42" HDPE | 42" HDPE | 18" HDPE | 24" HDPE | 24" HDPE | 18" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 18" HDPE | 18" HDPE | 15" HDPE | 15" HDPE | 15" HDPE |
| LENGTH     | 25 LF    | 276 LF   | 117 LF   | 20 LF    | 280 LF   | 280 LF   | 214 LF   | 70 LF    | 81 LF    | 70 LF    | 242 LF   | 135 LF   | 50 LF    | 280 LF   | 25 LF    | 25 LF    | 35 LF    | 25 LF    | 25 LF    | 45 LF    |
| FRAME (EL) | 426.8    | 437.6    | -        | -        | 443.6    | 460.4    | 473.3    | 478.7    | 486.2    | 493.8    | 521.5    | 528.2    | 531.0    | 548.7    | 548.7    | 443.6    | -        | 473.3    | 493.8    | 528.2    |
| INV. (IN)  | -        | -        | -        | -        | 440.3    | -        | 469.5    | -        | -        | 490.5    | 517.5    | 524.6    | -        | -        | -        | -        | -        | -        | -        | -        |
| INV. (IN)  | 421.0    | -        | -        | -        | -        | 457.1    | 470.3    | 475.7    | 483.2    | 490.8    | -        | 524.6    | 528.0    | -        | -        | -        | -        | -        | -        | -        |
| INV. (IN)  | -        | 431.8    | -        | -        | -        | 455.4    | -        | -        | -        | -        | -        | -        | 545.4    | -        | -        | -        | -        | -        | -        | -        |
| INV. (OUT) | 421.0    | 428.1    | 434.8    | 423.7    | 437.1    | 453.9    | 467.3    | 473.7    | 481.2    | 488.8    | 515.5    | 523.2    | 527.0    | 542.2    | 545.7    | 440.6    | 455.8    | 469.8    | 490.8    | 525.1    |

**CROSS GRADING NOTE**  
ALL GRADING AND CROSS GRADING BETWEEN LOTS INDICATED ON THIS SUBDIVISION PLAN AND PLAN WILL BE ACCOMPLISHED PRIOR TO TRANSFER OF ANY OF THE LOTS.

RESERVED FOR APPROVAL

|     |          |   |        |
|-----|----------|---|--------|
| 9   | 07/26/10 | REVISED PER O.C.H.D. COMMENTS (7/21/10)                         | S.M.C. |
| 8   | 06/29/10 | MODIFIED LOTS   | D.J.W. |
| 7   | 6/08/10  | REVISED PER O.C.H.D. COMMENTS (1/25/10) LOT 3 REPLACEM'T SYSTEM | S.M.C. |
| 6   | 12/21/09 | REVISED PER O.C.H.D. COMMENTS (7/17/09)                         | S.M.C. |
| NO. | DATE     | REVISIONS   | BY     |

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

JOB NO. 02025L5-08-09  
SCALE: 1" = 40'  
DATE: JUNE 28, 2006

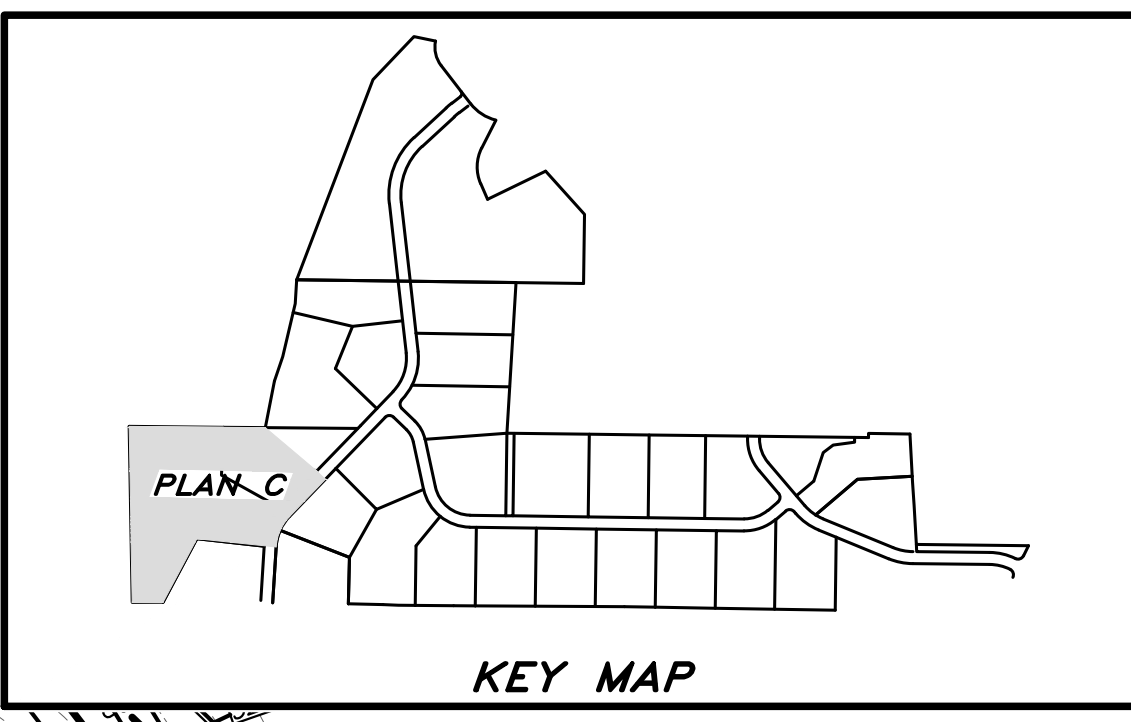
**SUBDIVISION PLAN "B"**

PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

**T. M. DEPUY**  
ENGINEERING & LAND SURVEYING, P.C.  
2656 ROUTE 302, MIDDLETOWN, NY 10941  
PHONE: (845) 361-5421 FAX: (845) 361-5229

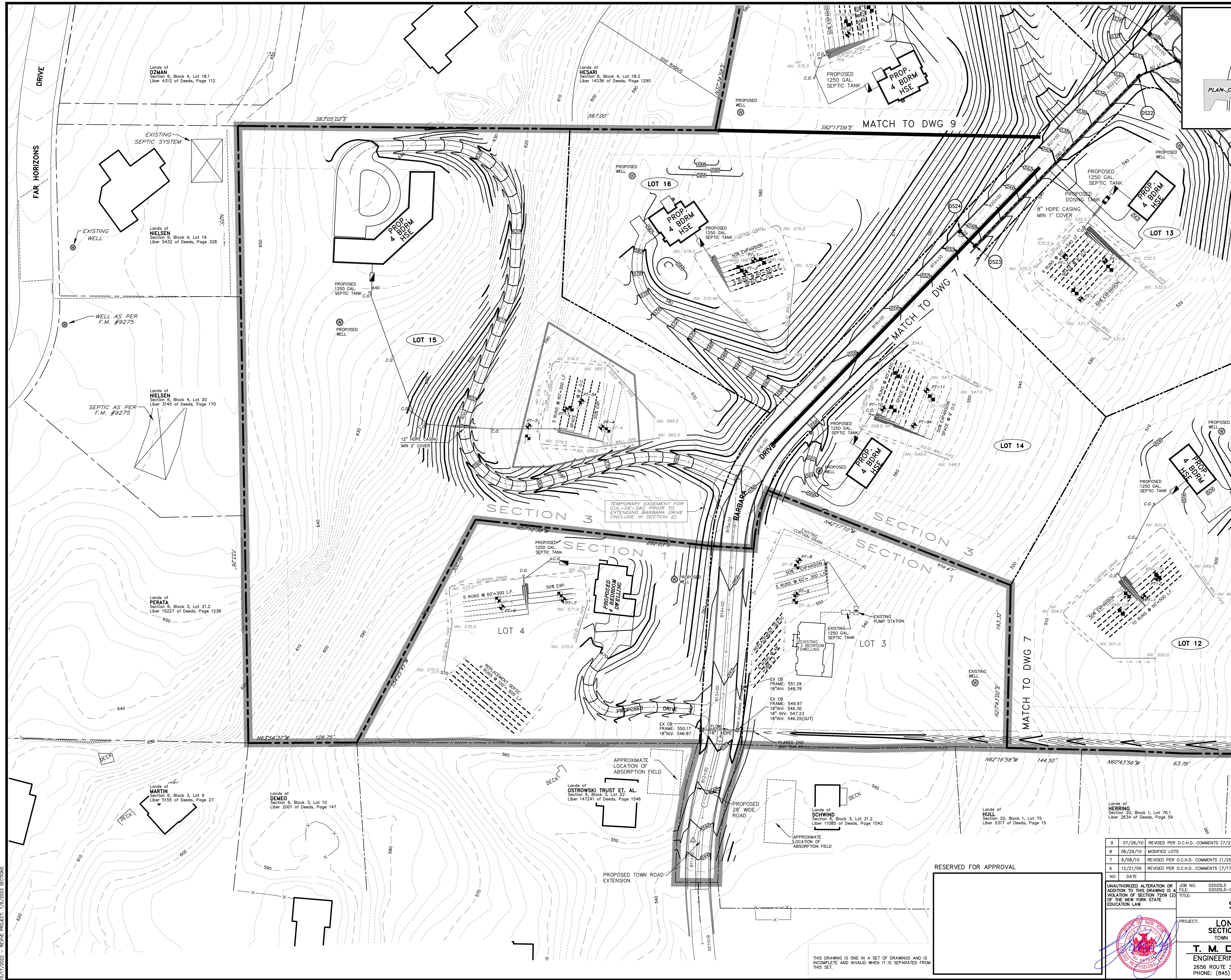
DWG. **7** OF 20

10/17/2022 - REVISE PROJECT - 1/6/2023 SECTIONS



| DRAINAGE STRUCTURE TABLE |          |          |          |
|--------------------------|----------|----------|----------|
| INLET NO.                | DS22     | DS23     | DS24     |
| TYPE                     | CB-A     | CB-A     | CB-A     |
| PIPE                     | 15" HDPE | 15" HDPE | 15" HDPE |
| LENGTH                   | 50 LF    | 280 LF   | 25 LF    |
| FRAME (EL)               | 531.0    | 548.7    | 548.7    |
| INV. (IN)                | -        | -        | -        |
| INV. (IN)                | 528.0    | -        | -        |
| INV. (IN)                | -        | 545.4    | -        |
| INV. (OUT)               | 527.0    | 542.2    | 545.7    |

**CROSS GRADING NOTE**  
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| NO. | DATE     | REVISIONS   | BY  |
|-----|----------|---|-----|
| 9   | 07/26/10 | REVISED PER O.C.H.D. COMMENTS (7/21/10)                         | SMC |
| 8   | 06/29/10 | MODIFIED LOTS   | SMC |
| 7   | 6/08/10  | REVISED PER O.C.H.D. COMMENTS (1/25/10) LOT 3 REPLACEM'T SYSTEM | DJW |
| 6   | 12/21/09 | REVISED PER O.C.H.D. COMMENTS (7/17/09)                         | SMC |

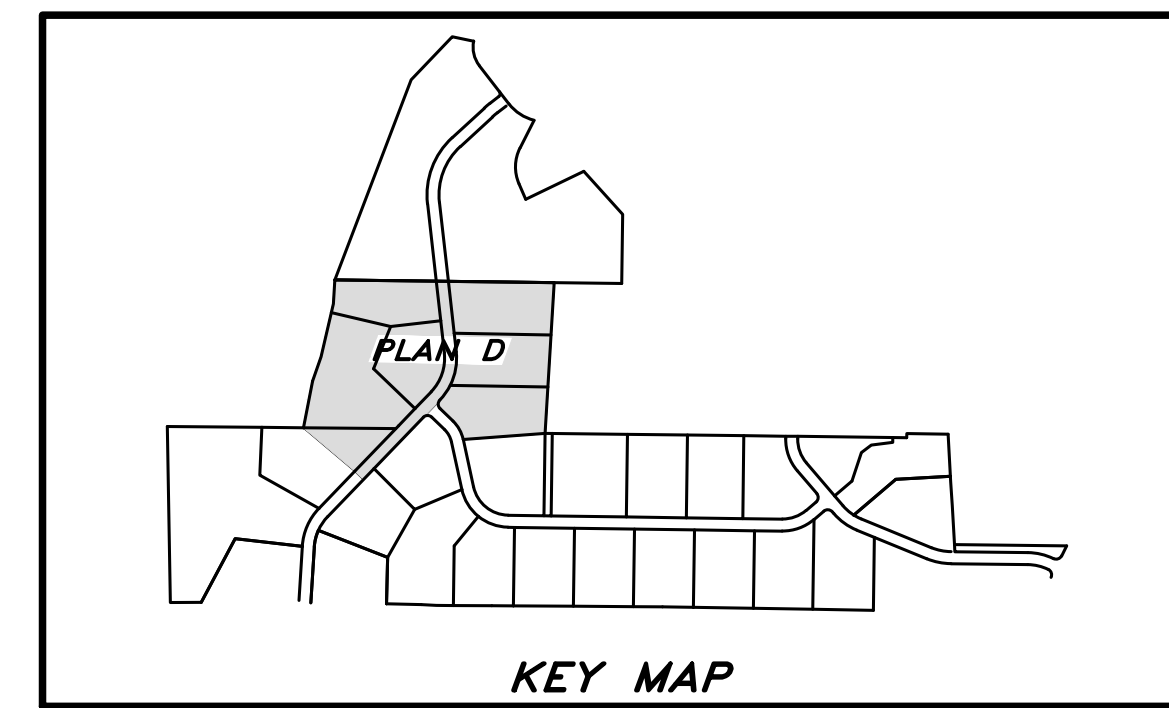
  

|   |  |                 |                     |
|---|--|-----------------|---------------------|
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.                   | JOB NO. 02025L5<br>FILE: 02025L5-06-09 | SCALE: 1" = 40' | DATE: JUNE 28, 2006 |
| <b>SUBDIVISION PLAN "C"</b>   |  |                 |                     |
| PROJECT: <b>LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK</b>                       |  |                 |                     |
| <b>T. M. DEPUY</b><br>ENGINEERING & LAND SURVEYING, P.C.<br>2656 ROUTE 302, MIDDLETOWN, NY 10941<br>PHONE: (845) 361-5421 FAX: (845) 361-5229 |  |                 |                     |
|   |  |                 | <b>8</b><br>OF 20   |

RESERVED FOR APPROVAL

THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.

10/17/2022 - REVISE PROJECT: 1/6/2023 SECTIONS



**CROSS GRADING NOTE**  
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| DRAINAGE STRUCTURE TABLE |          |          |          |          |          |          |
|--------------------------|----------|----------|----------|----------|----------|----------|
| INLET NO.                | DS19     | DS20     | DS21     | DS22     | DS23     | DS24     |
| TYPE                     | CB-A     | MANHOLE  | CB-A     | CB-A     | CB-A     | CB-A     |
| PIPE                     | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE |
| LENGTH                   | 70 LF    | 242 LF   | 135 LF   | 50 LF    | 280 LF   | 25 LF    |
| FRAME (EL)               | 493.8    | 521.5    | 528.2    | 531.0    | 548.7    | 548.7    |
| INV. (IN)                | 490.5    | 517.5    | 524.6    | -        | -        | -        |
| INV. (IN)                | 490.8    | -        | 524.6    | 528.0    | -        | -        |
| INV. (IN)                | -        | -        | -        | -        | 545.4    | -        |
| INV. (OUT)               | 488.8    | 515.5    | 523.2    | 527.0    | 542.2    | 545.7    |

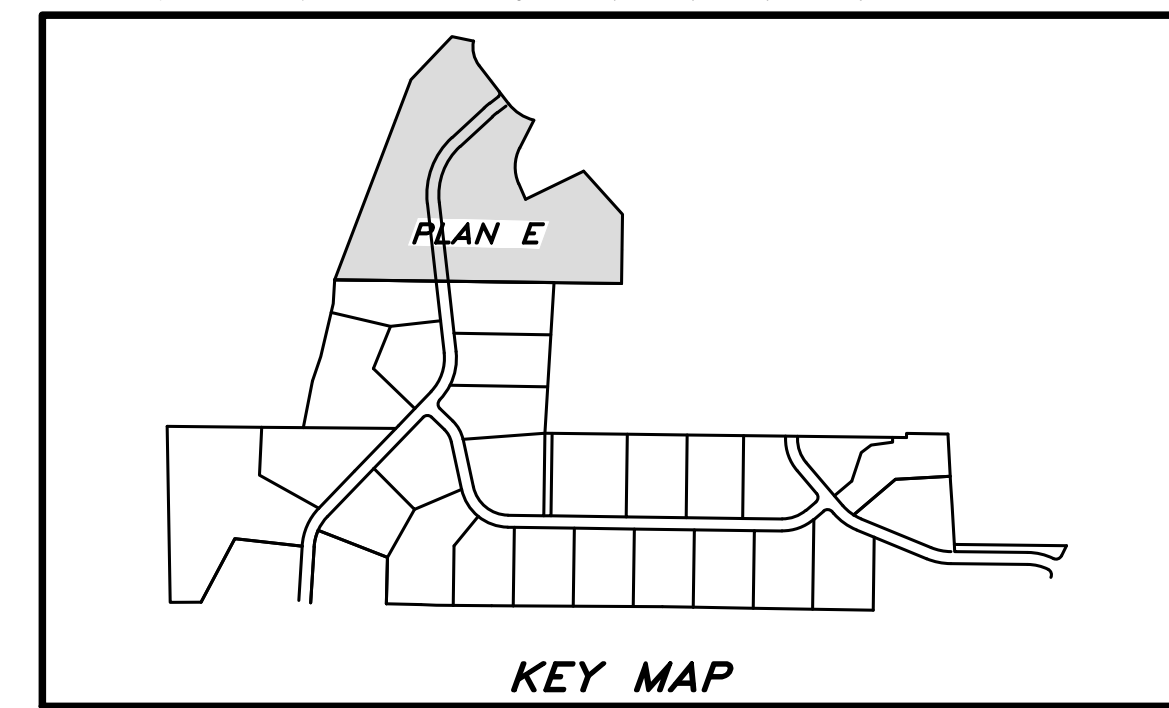
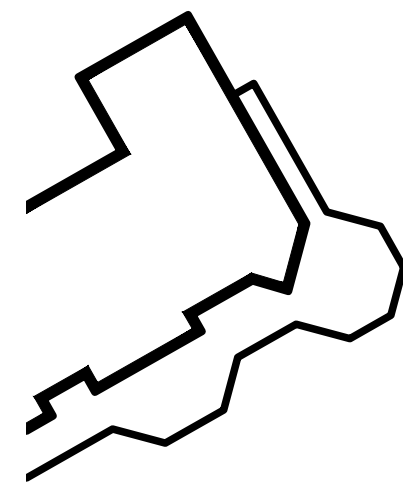
| DRAINAGE STRUCTURE TABLE |          |          |          |
|--------------------------|----------|----------|----------|
| INLET NO.                | DS25     | DS28     | DS29     |
| TYPE                     | CB-A     | CB-A     | CB-A     |
| PIPE                     | 15" HDPE | 15" HDPE | 15" HDPE |
| LENGTH                   | 25 LF    | 25 LF    | 45 LF    |
| FRAME (EL)               | 443.6    | 493.8    | 528.2    |
| INV. (IN)                | -        | -        | -        |
| INV. (IN)                | -        | -        | -        |
| INV. (IN)                | -        | -        | -        |
| INV. (OUT)               | 440.6    | 490.8    | 525.1    |

| DRAINAGE STRUCTURE TABLE |          |          |          |
|--------------------------|----------|----------|----------|
| INLET NO.                | DP7      | DP8      | DP9      |
| TYPE                     | CB-A     | CB-A     | CB-A     |
| PIPE                     | 15" HDPE | 15" HDPE | 15" HDPE |
| LENGTH                   | -        | 90 LF    | 12 LF    |
| FRAME (EL)               | 498.42   | 506.23   | 505.23   |
| INV. (IN)                | 494.8    | 501.8    | 502.1    |
| INV. (IN)                | -        | -        | -        |
| INV. (IN)                | -        | -        | -        |
| INV. (OUT)               | 494.8    | 500.6    | -        |



|   |          |   |                     |
|---|----------|---|---------------------|
| 9   | 07/26/10 | REVISED PER O.C.H.D. COMMENTS (7/21/10) | S.M.C.              |
| 8   | 06/29/10 | MODIFIED LOTS                           | S.M.C.              |
| 7   | 12/21/09 | REVISED PER O.C.H.D. COMMENTS (7/17/09) | S.M.C.              |
| 6   | 6/24/09  | REVISED PER O.C.H.D. COMMENTS (1/29/09) | S.M.C.              |
| NO.   | DATE     | REVISIONS                               | BY                  |
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.   |          |   |                     |
| JOB NO. 02025L5-06-09   |          | SCALE: 1" = 40'                         | DATE: JUNE 28, 2006 |
| SUBDIVISION PLAN " D "  |          |   |                     |
| PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK              |          |   |                     |
| T. M. DEPUY ENGINEERING & LAND SURVEYING, P.C. 2656 ROUTE 302, MIDDLETOWN, NY 10941 PHONE: (845) 361-5421 FAX: (845) 361-5229 |          |   | DWG. 9 OF 20        |

10/17/2022 - REVISE PROJECT: 1/6/2023 SECTIONS



**CROSS GRADING NOTE**  
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| INLET NO.  | DP1      | DP2      | DP3      | DP4                       | DP5      | DP6      |
|------------|----------|----------|----------|---------------------------|----------|----------|
| TYPE       | F.E.     | CB-A     | CB-A     | CB-A                      | CB-A     | CB-A     |
| PIPE       | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE                  | 15" HDPE | 15" HDPE |
| LENGTH     | -        | 90 LF    | 12 LF    | 140 LF                    | 160 LF   | 25 LF    |
| FRAME (EL) | -        | 492.2    | 492.2    | 496.3                     | 505.1    | 505.1    |
| INV. (IN)  | -        | 488.2    | -        | 492.8                     | -        | -        |
| INV. (IN)  | -        | 487.4    | -        | -                         | -        | -        |
| INV. (IN)  | -        | -        | -        | -                         | 501.8    | -        |
| INV. (OUT) | 485.6    | 487.4    | 488.7    | 492.8 (15")<br>491.1 (2") | 498.6    | 502.1    |

| INLET NO.  | DPZ      | DPY      | DPX      |  |  |
|------------|----------|----------|----------|--|--|
| TYPE       | F.E.     | CB-A     | F.E.     |  |  |
| PIPE       | 24" HDPE | 24" HDPE | 24" HDPE |  |  |
| LENGTH     | 60 LF    | -        | 120 LF   |  |  |
| FRAME (EL) | -        | 495.8    | -        |  |  |
| INV. (IN)  | 493      | 491.8    | 490      |  |  |
| INV. (IN)  | -        | -        | -        |  |  |
| INV. (IN)  | -        | -        | -        |  |  |
| INV. (OUT) | -        | 490.0    | 485.6    |  |  |



HICKORY SHADOW INC.  
 SECTION 1

EXISTING DRAINAGE EASEMENT # 1

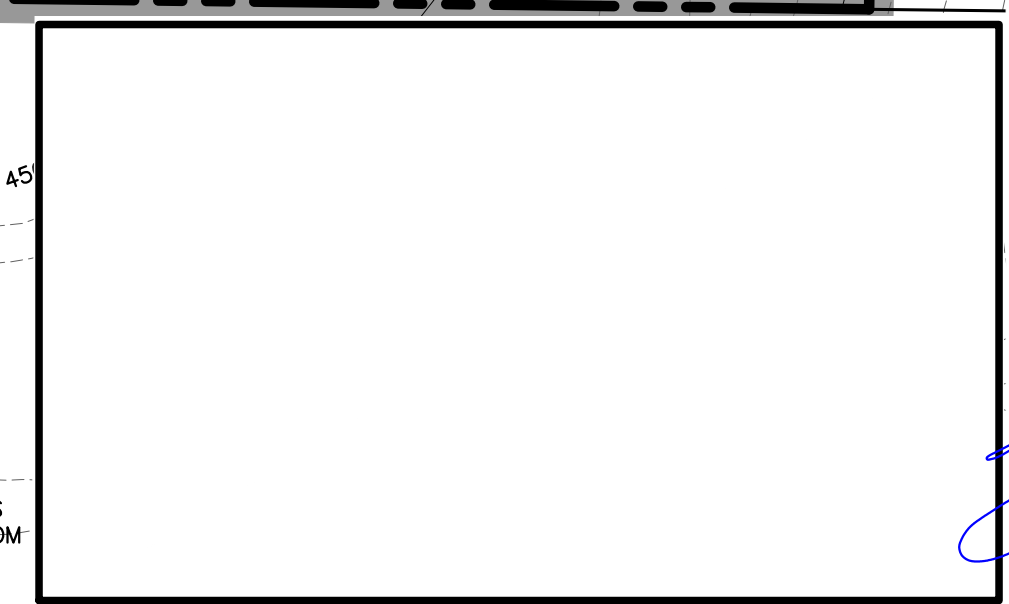


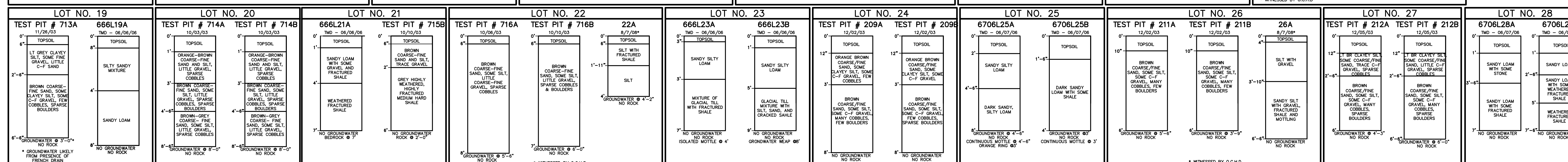
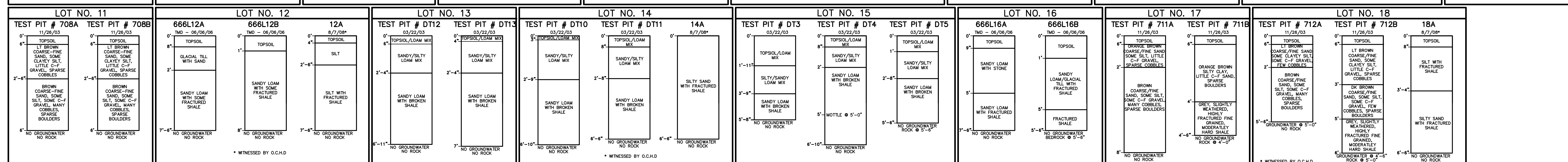
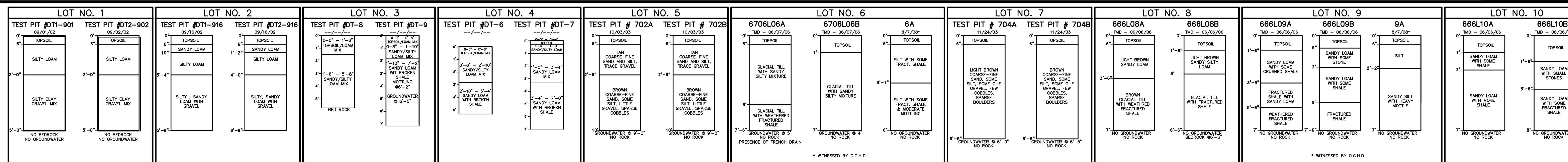
|   |          |  |  |
|---|----------|--|--|
| 5   | 07/26/10 | REVISED PER O.C.H.D. COMMENTS (7/21/10)  | SMC                                    |
| 4   | 12/21/07 | REVISED DRAINAGE STRUCTURE TABLE   | DAD                                    |
| 3   | 11/28/07 | REVISED SECTION LINES  | MAP                                    |
| 2   | 09/06/07 | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG | MAP                                    |
| NO.   | DATE     | REVISIONS  | BY                                     |
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.                   |          | JOB NO. 02025L5<br>FILE: 02025L5-06-09   | SCALE: 1" = 40'<br>DATE: JUNE 28, 2006 |
| <b>SUBDIVISION PLAN "E"</b>   |          |  |  |
| PROJECT: <b>LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK</b>                       |          |  |  |
| <b>T. M. DEPUY</b><br>ENGINEERING & LAND SURVEYING, P.C.<br>2656 ROUTE 302, MIDDLETOWN, NY 10941<br>PHONE: (845) 361-5421 FAX: (845) 361-5229 |          |  | DWG. <b>10</b><br>OF 20                |

10/17/2022 - REVISE PROJECT: 1/6/2023 SECTIONS

CONTINUED ON DWG 9

THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.





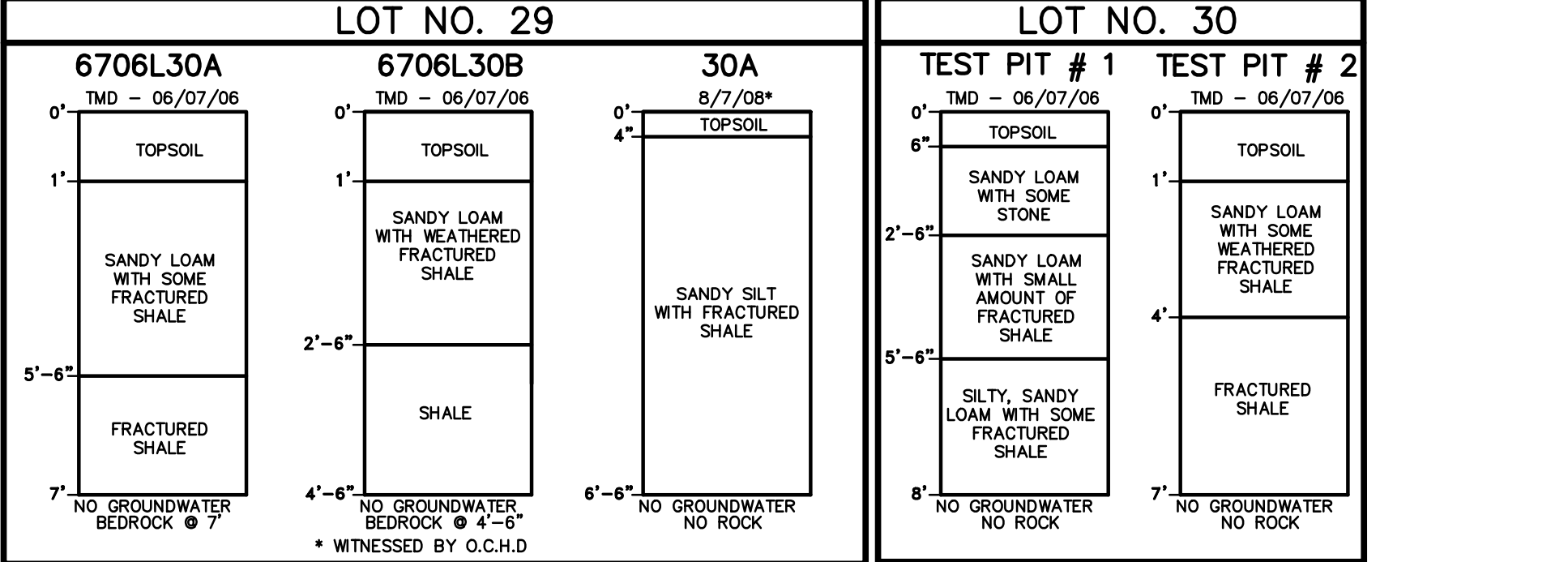
\* WITNESSED BY O.C.H.D.

\*\* F THE EXISTING SEWAGE DISPOSAL SYSTEM FAILS, THE REPLACEMENT SYSTEM SHALL BE DESIGNED FOR A DAILY FLOW OF 600 GPD.

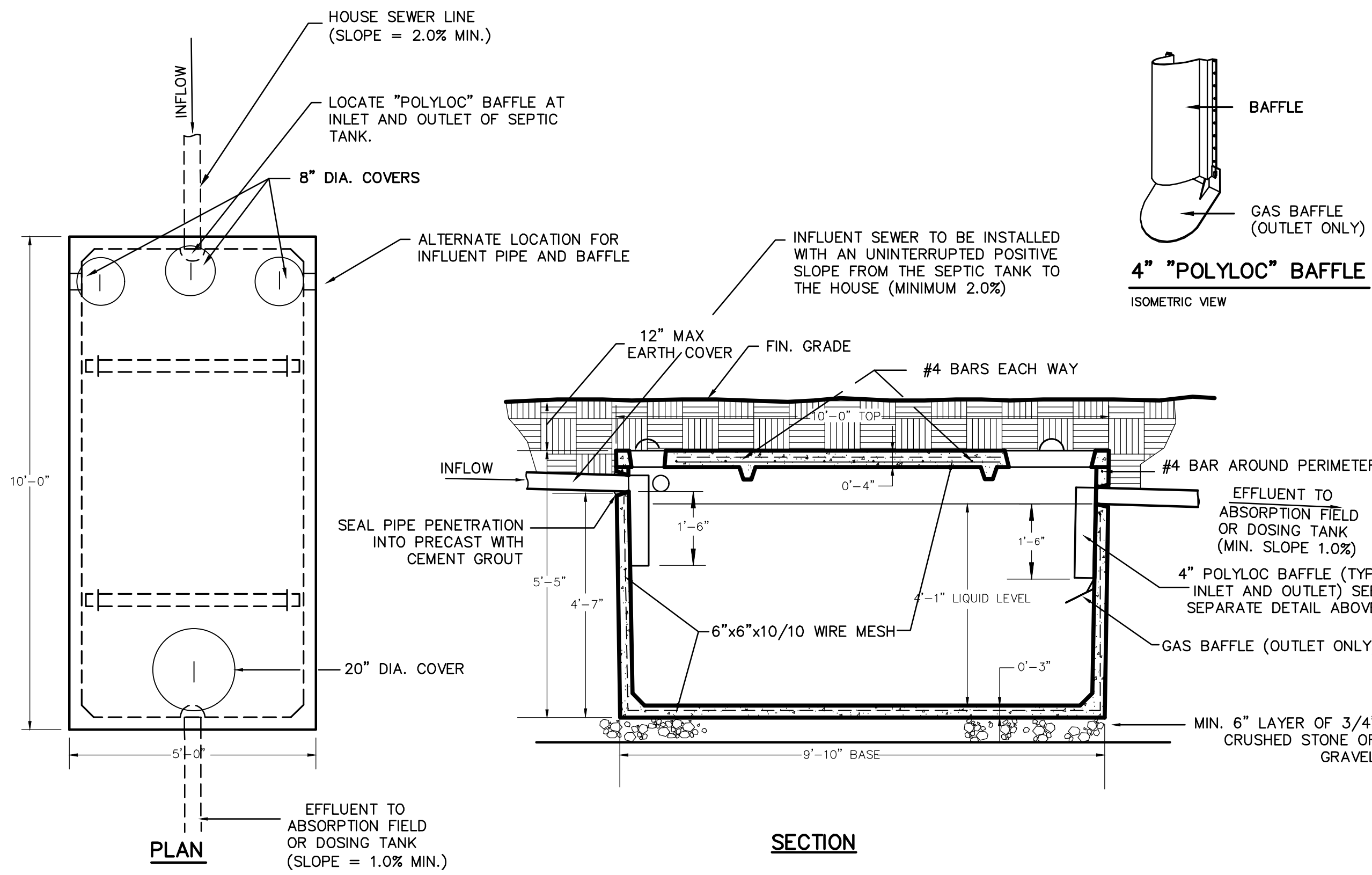
| LOT NO. | PERC TEST NO. | DATE     | DEPTH | ACTUAL PERCOLATION RATE   | DESIGN PERCOLATION RATE | DESIGN FLOW RATE (GAL/DAY) | MIN. LINEAR FT. ABSORPTION TRENCH 4 BEDROOM HOUSE MAX. | COMMENTS                                |
|---------|---------------|----------|-------|---|-------------------------|----------------------------|--|---|
| 1       | PT1-1019      | 10/19/02 | 24"   | 25 MIN. 33 MIN. 8 MIN.  | 31-45 MIN.              | 440 GPD                    | 8 RUNS @ 55' = 440'                                    | PUMP 9 FT O.C. SPACING, CURTAIN DRAIN** |
|         | PT2-1019      | 10/19/02 | 24"   | 6 MIN. 12 MIN. 13 MIN.  | 31-45 MIN.              | 600 GPD                    | 6 RUNS @ 100' = 600'                                   | (REPLACEMENT SYSTEM)                    |
| 2       | PT1-916       | 09/16/02 | 26"   | 4 MIN. 5 MIN. 1 MIN.  | 8-10 MIN.               | 520 GPD                    | 5 RUNS @ 60' = 300'                                    | 8 FT O.C. SPACING, CURTAIN DRAIN**      |
|         | PT2-916       | 09/16/02 | 27"   | 2 MIN. 3 MIN. 3 MIN.  | 8-10 MIN.               | 600 GPD                    | 8 RUNS @ 75' = 600'                                    | (REPLACEMENT SYSTEM)                    |
| 3       | PT-8          | 03/22/03 | 27"   | 2 MIN. 2 MIN. 0 MIN.  | 1-5 MIN.                | 520 GPD                    | 5 RUNS @ 60' = 300'                                    | 217 LF REQUIRED                         |
|         | PT-9          | 03/22/03 | 26"   | 2 MIN. 2 MIN. 0 MIN.  | 1-5 MIN.                | 600 GPD                    | 6 RUNS @ 45' = 288'                                    | 250 LF REQUIRED                         |
| 4       | PT-6          | 03/22/03 | 27"   | 3 MIN. 3 MIN. 0 MIN.  | 1-5 MIN.                | 520 GPD                    | 5 RUNS @ 60' = 300'                                    | 216 LF REQUIRED                         |
|         | PT-7          | 03/22/03 | 24"   | 2 MIN. 1 MIN. 0 MIN.  | 1-5 MIN.                | 600 GPD                    | 6 RUNS @ 100' = 600'                                   | (REPLACEMENT SYSTEM)                    |
| 5       | PT-1          | 10/03/03 | 29"   | 04 MIN. 05 SEC. 04 MIN. 56 SEC. 05 MIN. 42 SEC. 05 MIN. 44 SEC.                                 | 8-10 MIN.               | 600 GPD                    | 6 RUNS @ 60' = 360'                                    | 333 LF REQUIRED                         |
|         | PT-2          | 10/03/03 | 35"   | 04 MIN. 45 SEC. 04 MIN. 59 SEC. 05 MIN. 10 SEC. 05 MIN. 18 SEC.                                 | 8-10 MIN.               | 600 GPD                    | 6 RUNS @ 60' = 360'                                    | 333 LF REQUIRED                         |
| 6       | PT-1          | 12/03/03 | 24"   | 03 MIN. 46 SEC. 03 MIN. 58 SEC. 04 MIN. 06 SEC.   | 8-10 MIN.               | 600 GPD                    | 6 RUNS @ 60' = 360'                                    | 333 LF REQUIRED                         |
|         | PT-2          | 12/03/03 | 24"   | NO TEST DUE TO RAPID SEEPAGE INTO TEST HOLE   |                         |                            |  |   |
| 7       | PT-1          | 11/25/03 | 24"   | 03 MIN. 27 SEC. 04 MIN. 43 SEC. 06 MIN. 12 SEC. 07 MIN. 32 SEC. 09 MIN. 25 SEC. 09 MIN. 33 SEC. | 21-30 MIN.              | 600 GPD                    | 9 RUNS @ 55' = 504'                                    | 500 LF REQUIRED                         |
|         | PT-2          | 11/25/03 | 24"   | 01 MIN. 41 SEC. 02 MIN. 03 SEC. 02 MIN. 09 SEC.   | 21-30 MIN.              | 600 GPD                    | 9 RUNS @ 55' = 504'                                    | 500 LF REQUIRED                         |
| 8       | PT-1          | 05/25/06 | 24"   | 02 MIN. 41 SEC. 03 MIN. 05 SEC. 03 MIN. 24 SEC. 03 MIN. 49 SEC.                                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
|         | PT-2          | 05/26/06 | 24"   | 07 MIN. 24 SEC. 09 MIN. 03 SEC. 10 MIN. 22 SEC. 11 MIN. 13 SEC.                                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
| 9       | PT-1          | 05/24/06 | 25"   | 02 MIN. 52 SEC. 03 MIN. 26 SEC. 04 MIN. 51 SEC. 04 MIN. 14 SEC.                                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
|         | PT-2          | 05/24/06 | 25"   | 01 MIN. 33 SEC. 02 MIN. 15 SEC. 02 MIN. 32 SEC. 02 MIN. 45 SEC.                                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
| 10      | PT-1          | 05/23/06 | 25"   | 02 MIN. 13 SEC. 03 MIN. 09 SEC. 03 MIN. 27 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
|         | PT-2          | 05/23/06 | 26"   | 01 MIN. 04 SEC. 02 MIN. 31 SEC. 02 MIN. 38 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
| 11      | PT-1          | 12/02/03 | 25"   | 03 MIN. 03 SEC. 03 MIN. 09 SEC. 03 MIN. 18 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
|         | PT-2          | 12/02/03 | 24"   | 02 MIN. 20 SEC. 02 MIN. 22 SEC. 02 MIN. 42 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
| 12      | PT-1          | 05/23/06 | 25"   | 01 MIN. 46 SEC. 01 MIN. 55 SEC. 02 MIN. 12 SEC. 02 MIN. 22 SEC.                                 | 21-30 MIN.              | 600 GPD                    | 10 RUNS @ 50 = 500'                                    | 500 LF REQUIRED                         |
|         | PT-2          | 05/23/06 | 26"   | 00 MIN. 54 SEC. 01 MIN. 41 SEC. 01 MIN. 51 SEC.   | 21-30 MIN.              | 600 GPD                    | 10 RUNS @ 50 = 500'                                    | 500 LF REQUIRED                         |
| 13      | PT-1          | 03/22/03 | 24"   | 01 MIN. 00 SEC. 02 MIN. 00 SEC. 02 MIN. 00 SEC.   | 21-30 MIN.              | 600 GPD                    | 9 RUNS @ 60 = 540'                                     | 500 LF REQUIRED                         |
|         | PT-2          | 05/23/06 | 24"   | 09 MIN. 02 SEC. 11 MIN. 41 SEC.   | 21-30 MIN.              | 600 GPD                    | 9 RUNS @ 60 = 540'                                     | 500 LF REQUIRED                         |
| 14      | PT-10         | 03/22/03 | 25"   | 01 MIN. 00 SEC. 01 MIN. 00 SEC. 01 MIN. 00 SEC.   | 11-15 MIN.              | 600 GPD                    | 7 RUNS @ 60' = 420'                                    | 375 LF REQUIRED                         |
|         | PT-11         | 03/22/03 | 24"   | 01 MIN. 00 SEC. 01 MIN. 00 SEC. 01 MIN. 00 SEC.   | 11-15 MIN.              | 600 GPD                    | 7 RUNS @ 60' = 420'                                    | 375 LF REQUIRED                         |
| 15      | PT-3          | 03/22/03 | 29"   | 02 MIN. 00 SEC. 03 MIN. 00 SEC. 03 MIN. 00 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
|         | PT-4          | 03/22/03 | 28"   | 01 MIN. 00 SEC. 02 MIN. 00 SEC. 02 MIN. 00 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
| 16      | PT-1          | 05/25/06 | 24"   | 02 MIN. 07 SEC. 02 MIN. 30 SEC. 02 MIN. 30 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
|         | PT-2          | 03/22/03 | 24"   | 00 MIN. 58 SEC. 01 MIN. 23 SEC. 01 MIN. 38 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
| 17      | PT-1          | 12/02/03 | 25"   | 03 MIN. 03 SEC. 03 MIN. 09 SEC. 03 MIN. 18 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
|         | PT-2          | 12/02/03 | 24"   | 02 MIN. 20 SEC. 02 MIN. 22 SEC. 02 MIN. 42 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
| 18      | PT-1          | 12/01/03 | 29"   | 01 MIN. 04 SEC. 01 MIN. 08 SEC. 01 MIN. 15 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
|         | PT-2          | 12/01/03 | 28"   | 02 MIN. 06 SEC. 02 MIN. 10 SEC. 02 MIN. 18 SEC.   | 6-7 MIN.                | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED                         |
| 19      | PT-1          | 12/01/03 | 24"   | 06 MIN. 37 SEC. 08 MIN. 16 SEC. 08 MIN. 48 SEC. 09 MIN. 23 SEC.                                 | 11-15 MIN.              | 600 GPD                    | 8 RUNS @ 50' = 400'                                    | 375 LF REQUIRED                         |
|         | PT-2          | 12/01/03 | 24"   | 05 MIN. 39 SEC. 06 MIN. 07 SEC. 06 MIN. 37 SEC.   | 11-15 MIN.              | 600 GPD                    | 8 RUNS @ 50' = 400'                                    | 375 LF REQUIRED                         |
| 20      | PT-1          | 10/03/03 | 24"   | 06 MIN. 39 SEC. 10 MIN. 45 SEC. 10 MIN. 53 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
|         | PT-2          | 10/03/03 | 24"   | 05 MIN. 52 SEC. 08 MIN. 20 SEC. 08 MIN. 17 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
| 21      | PT-1          | 05/23/06 | 24"   | 15 MIN. 01 SEC. 19 MIN. 06 SEC. 24 MIN. 20 SEC.   | 21-30 MIN.              | 600 GPD                    | 9 RUNS @ 60 = 540'                                     | 500 LF REQUIRED                         |
|         | PT-2          | 05/23/06 | 24"   | 13 MIN. 00 SEC. 23 MIN. 06 SEC. 25 MIN. 14 SEC. 26 MIN. 26 SEC.                                 | 21-30 MIN.              | 600 GPD                    | 9 RUNS @ 60 = 540'                                     | 500 LF REQUIRED                         |
| 22      | PT-1          | 10/06/03 | 23"   | 05 MIN. 10 SEC. 06 MIN. 24 SEC. 06 MIN. 26 SEC.   | 8-10 MIN.               | 600 GPD                    | 6 RUNS @ 60' = 360'                                    | 333 LF REQUIRED                         |
|         | PT-2          | 10/06/03 | 28"   | 02 MIN. 32 SEC. 02 MIN. 32 SEC.   | 8-10 MIN.               | 600 GPD                    | 6 RUNS @ 60' = 360'                                    | 333 LF REQUIRED                         |
| 23      | PT-1          | 05/23/06 | 24"   | 10 MIN. 50 SEC. 12 MIN. 56 SEC. 14 MIN. 11 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
|         | PT-2          | 05/23/06 | 24"   | 00 MIN. 59 SEC. 01 MIN. 09 SEC. 01 MIN. 19 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
| 24      | PT-1          | 12/02/03 | 24"   | 06 MIN. 24 SEC. 07 MIN. 33 SEC. 07 MIN. 39 SEC.   | 11-15 MIN.              | 600 GPD                    | 7 RUNS @ 60' = 420'                                    | 375 LF REQUIRED                         |
|         | PT-2          | 12/02/03 | 24"   | 09 MIN. 01 SEC. 09 MIN. 17 SEC.   | 11-15 MIN.              | 600 GPD                    | 7 RUNS @ 60' = 420'                                    | 375 LF REQUIRED                         |
| 25      | PT-1          | 05/25/06 | 24"   | 00 MIN. 38 SEC. 01 MIN. 20 SEC. 01 MIN. 26 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
|         | PT-2          | 05/25/06 | 24"   | 00 MIN. 56 SEC. 01 MIN. 30 SEC. 01 MIN. 35 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
| 26      | PT-1          | 12/02/03 | 24"   | 02 MIN. 17 SEC. 02 MIN. 47 SEC. 02 MIN. 30 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |
|         | PT-2          | 12/02/03 | 24"   | 11 MIN. 28 SEC. 12 MIN. 04 SEC.   | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED                         |

| LOT NO. | PERC TEST NO. | DATE     | DEPTH | ACTUAL PERCOLATION RATE   | DESIGN PERCOLATION RATE          | DESIGN FLOW RATE (GAL/DAY) | MIN. LINEAR FT. ABSORPTION TRENCH 4 BEDROOM HOUSE MAX. | COMMENTS        |
|---------|---------------|----------|-------|---|----------------------------------|----------------------------|--|-----------------|
| 11      | PT-1          | 11/26/03 | 24"   | 04 MIN. 55 SEC. 19 MIN. 07 SEC. 04 MIN. 29 SEC.                 | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
|         | PT-2          | 11/26/03 | 24"   | 02 MIN. 19 SEC. 03 MIN. 04 SEC. 03 MIN. 34 SEC. 03 MIN. 37 SEC. | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
| 12      | PT-1          | 05/23/06 | 25"   | 01 MIN. 46 SEC. 01 MIN. 55 SEC. 02 MIN. 12 SEC. 02 MIN. 22 SEC. | 21-30 MIN.                       | 600 GPD                    | 10 RUNS @ 50 = 500'                                    | 500 LF REQUIRED |
|         | PT-2          | 05/23/06 | 26"   | 00 MIN. 54 SEC. 01 MIN. 41 SEC. 01 MIN. 51 SEC.                 | 21-30 MIN.                       | 600 GPD                    | 10 RUNS @ 50 = 500'                                    | 500 LF REQUIRED |
| 13      | PT-1          | 03/22/03 | 24"   | 01 MIN. 00 SEC. 02 MIN. 00 SEC. 02 MIN. 00 SEC.                 | 21-30 MIN.                       | 600 GPD                    | 9 RUNS @ 60 = 540'                                     | 500 LF REQUIRED |
|         | PT-2          | 05/23/06 | 24"   | 09 MIN. 02 SEC. 11 MIN. 41 SEC.                                 | 21-30 MIN.                       | 600 GPD                    | 9 RUNS @ 60 = 540'                                     | 500 LF REQUIRED |
| 14      | PT-1A         | 08/7/08* | 22"   | 00 MIN. 33 SEC. 01 MIN. 20 SEC. 01 MIN. 16 SEC. 01 MIN. 09 SEC. | 6 FT O.C. SPACING, CURTAIN DRAIN |                            |  |                 |
|         | PT-10         | 03/22/03 | 25"   | 01 MIN. 00 SEC. 01 MIN. 00 SEC. 01 MIN. 00 SEC.                 | 11-15 MIN.                       | 600 GPD                    | 7 RUNS @ 60' = 420'                                    | 375 LF REQUIRED |
| 15      | PT-3          | 03/22/03 | 29"   | 02 MIN. 00 SEC. 03 MIN. 00 SEC. 03 MIN. 00 SEC.                 | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
|         | PT-4          | 03/22/03 | 28"   | 01 MIN. 00 SEC. 02 MIN. 00 SEC. 02 MIN. 00 SEC.                 | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
| 16      | PT-1          | 05/25/06 | 24"   | 02 MIN. 07 SEC. 02 MIN. 30 SEC. 02 MIN. 30 SEC.                 | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
|         | PT-2          | 03/22/03 | 24"   | 00 MIN. 58 SEC. 01 MIN. 23 SEC. 01 MIN. 38 SEC.                 | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
| 17      | PT-1          | 12/02/03 | 25"   | 03 MIN. 03 SEC. 03 MIN. 09 SEC. 03 MIN. 18 SEC.                 | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
|         | PT-2          | 12/02/03 | 24"   | 02 MIN. 20 SEC. 02 MIN. 22 SEC. 02 MIN. 42 SEC.                 | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
| 18      | PT-1          | 12/01/03 | 29"   | 01 MIN. 04 SEC. 01 MIN. 08 SEC. 01 MIN. 15 SEC.                 | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
|         | PT-2          | 12/01/03 | 28"   | 02 MIN. 06 SEC. 02 MIN. 10 SEC. 02 MIN. 18 SEC.                 | 6-7 MIN.                         | 600 GPD                    | 5 RUNS @ 60' = 300'                                    | 300 LF REQUIRED |
| 19      | PT-1          | 12/01/03 | 24"   | 06 MIN. 37 SEC. 08 MIN. 16 SEC. 08 MIN. 48 SEC. 09 MIN. 23 SEC. | 11-15 MIN.                       | 600 GPD                    | 8 RUNS @ 50' = 400'                                    | 375 LF REQUIRED |
|         | PT-2          | 12/01/03 | 24"   | 05 MIN. 39 SEC. 06 MIN. 07 SEC. 06 MIN. 37 SEC.                 | 11-15 MIN.                       | 600 GPD                    | 8 RUNS @ 50' = 400'                                    | 375 LF REQUIRED |
| 20      | PT-1          | 10/03/03 | 24"   | 06 MIN. 39 SEC. 10 MIN. 45 SEC. 10 MIN. 53 SEC.                 | 16-20 MIN.                       | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |
|         | PT-2          | 10/03/03 | 24"   | 05 MIN. 52 SEC. 08 MIN. 20 SEC. 08 MIN. 17 SEC.                 | 16-20 MIN.                       | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |

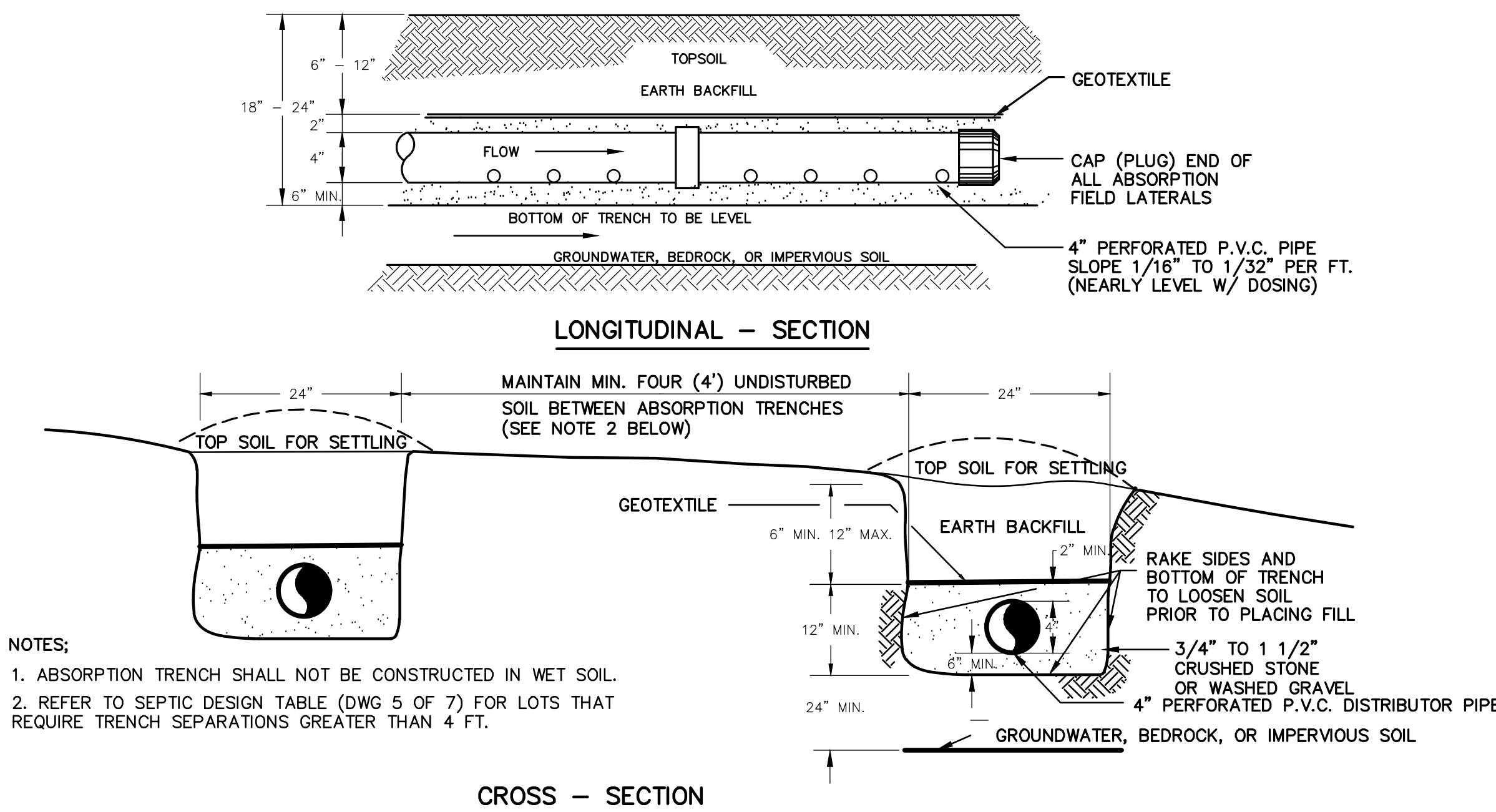
| LOT NO. | PERC TEST NO. | DATE     | DEPTH | ACTUAL PERCOLATION RATE   | DESIGN PERCOLATION RATE | DESIGN FLOW RATE (GAL/DAY) | MIN. LINEAR FT. ABSORPTION TRENCH 4 BEDROOM HOUSE MAX. | COMMENTS        |
|---------|---------------|----------|-------|---|-------------------------|----------------------------|--|-----------------|
| 21      | PT-1          | 05/23/06 | 24"   | 15 MIN. 01 SEC. 19 MIN. 06 SEC. 24 MIN. 20 SEC.                 | 21-30 MIN.              | 600 GPD                    | 9 RUNS @ 60 = 540'                                     | 500 LF REQUIRED |
|         | PT-2          | 05/23/06 | 24"   | 13 MIN. 00 SEC. 23 MIN. 06 SEC. 25 MIN. 14 SEC. 26 MIN. 26 SEC. | 21-30 MIN.              | 600 GPD                    | 9 RUNS @ 60 = 540'                                     | 500 LF REQUIRED |
| 22      | PT-1          | 10/06/03 | 23"   | 05 MIN. 10 SEC. 06 MIN. 24 SEC. 06 MIN. 26 SEC.                 | 8-10 MIN.               | 600 GPD                    | 6 RUNS @ 60' = 360'                                    | 333 LF REQUIRED |
|         | PT-2          | 10/06/03 | 28"   | 02 MIN. 32 SEC. 02 MIN. 32 SEC.                                 | 8-10 MIN.               | 600 GPD                    | 6 RUNS @ 60' = 360'                                    | 333 LF REQUIRED |
| 23      | PT-1          | 05/23/06 | 24"   | 10 MIN. 50 SEC. 12 MIN. 56 SEC. 14 MIN. 11 SEC.                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |
|         | PT-2          | 05/23/06 | 24"   | 00 MIN. 59 SEC. 01 MIN. 09 SEC. 01 MIN. 19 SEC.                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |
| 24      | PT-1          | 12/02/03 | 24"   | 06 MIN. 24 SEC. 07 MIN. 33 SEC. 07 MIN. 39 SEC.                 | 11-15 MIN.              | 600 GPD                    | 7 RUNS @ 60' = 420'                                    | 375 LF REQUIRED |
|         | PT-2          | 12/02/03 | 24"   | 09 MIN. 01 SEC. 09 MIN. 17 SEC.                                 | 11-15 MIN.              | 600 GPD                    | 7 RUNS @ 60' = 420'                                    | 375 LF REQUIRED |
| 25      | PT-1          | 05/25/06 | 24"   | 00 MIN. 38 SEC. 01 MIN. 20 SEC. 01 MIN. 26 SEC.                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |
|         | PT-2          | 05/25/06 | 24"   | 00 MIN. 56 SEC. 01 MIN. 30 SEC. 01 MIN. 35 SEC.                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |
| 26      | PT-1          | 12/02/03 | 24"   | 02 MIN. 17 SEC. 02 MIN. 47 SEC. 02 MIN. 30 SEC.                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |
|         | PT-2          | 12/02/03 | 24"   | 11 MIN. 28 SEC. 12 MIN. 04 SEC.                                 | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |



| LOT NO. | PERC TEST NO. | DATE     | DEPTH | ACTUAL PERCOLATION RATE                         | DESIGN PERCOLATION RATE | DESIGN FLOW RATE (GAL/DAY) | MIN. LINEAR FT. ABSORPTION TRENCH 4 BEDROOM HOUSE MAX. | COMMENTS        |
|---------|---------------|----------|-------|---|-------------------------|----------------------------|--|-----------------|
| 27      | PT-1          | 12/05/03 | 24"   | 03 MIN. 17 SEC. 03 MIN. 15 SEC.                 | 8-10 MIN.               | 600 GPD                    | 6 RUNS @ 60' = 360'                                    | 333 LF REQUIRED |
|         | PT-2          | 12/05/03 | 24"   | 04 MIN. 19 SEC. 05 MIN. 05 SEC. 05 MIN. 05 SEC. | 8-10 MIN.               | 600 GPD                    | 6 RUNS @ 60' = 360'                                    | 333 LF REQUIRED |
| 28      | PT-1          | 05/24/06 | 26"   | 01 MIN. 11 SEC. 01 MIN. 50 SEC. 01 MIN. 59 SEC. | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |
|         | PT-2          | 05/24/06 | 27"   | 04 MIN. 08 SEC. 07 MIN. 51 SEC. 08 MIN. 31 SEC. | 16-20 MIN.              | 600 GPD                    | 8 RUNS @ 60' = 480'                                    | 429 LF REQUIRED |
| 29      | PT-1          | 05/24/06 | 24"   | 0   |                         |                            |  |                 |



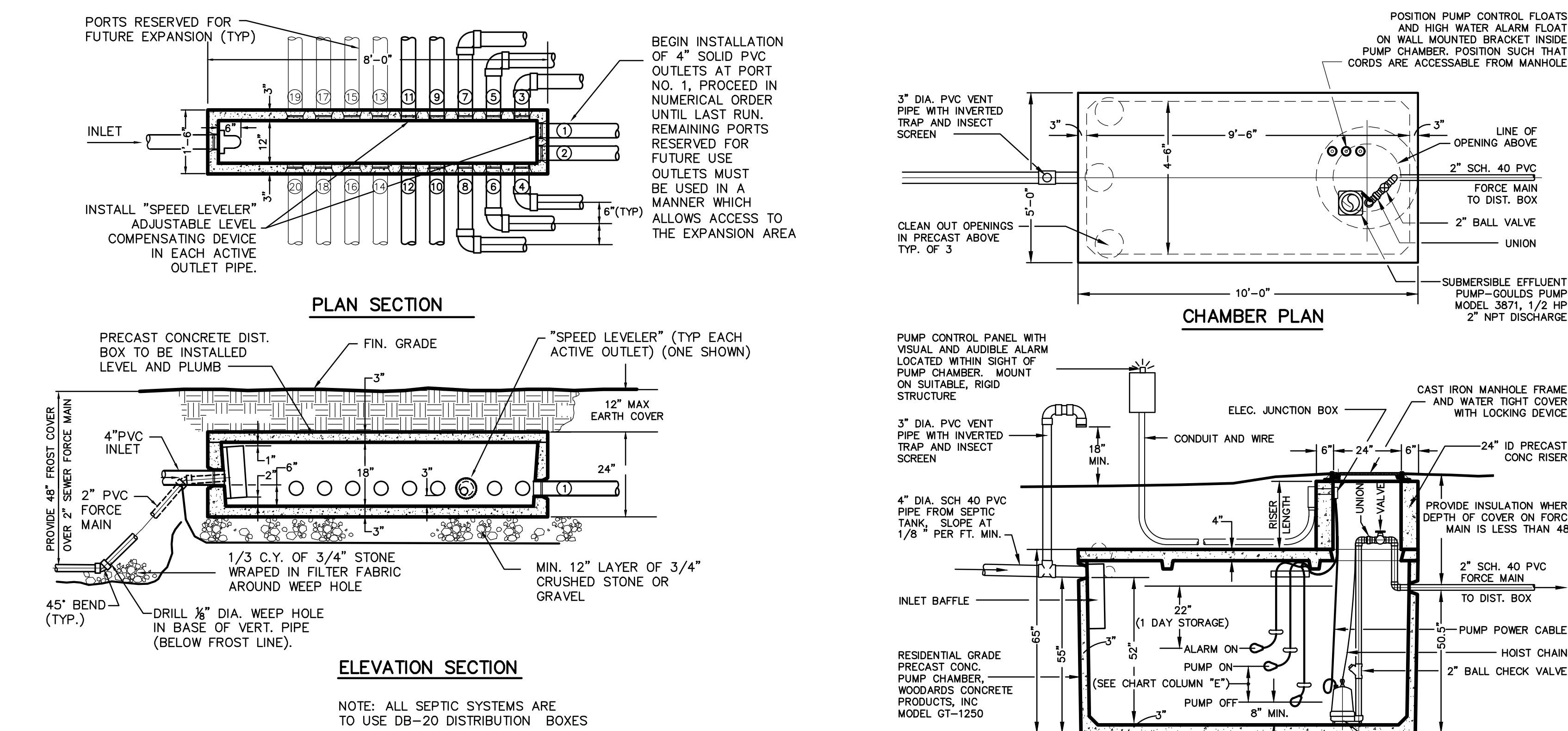
WOODARD'S CONC. PRODUCTS, INC.-MODEL ST 1250 OR EQUAL  
**PRECAST 1250 GAL. CONC. SEPTIC TANK DETAIL**  
 SCALE: 1/2" = 1'-0"



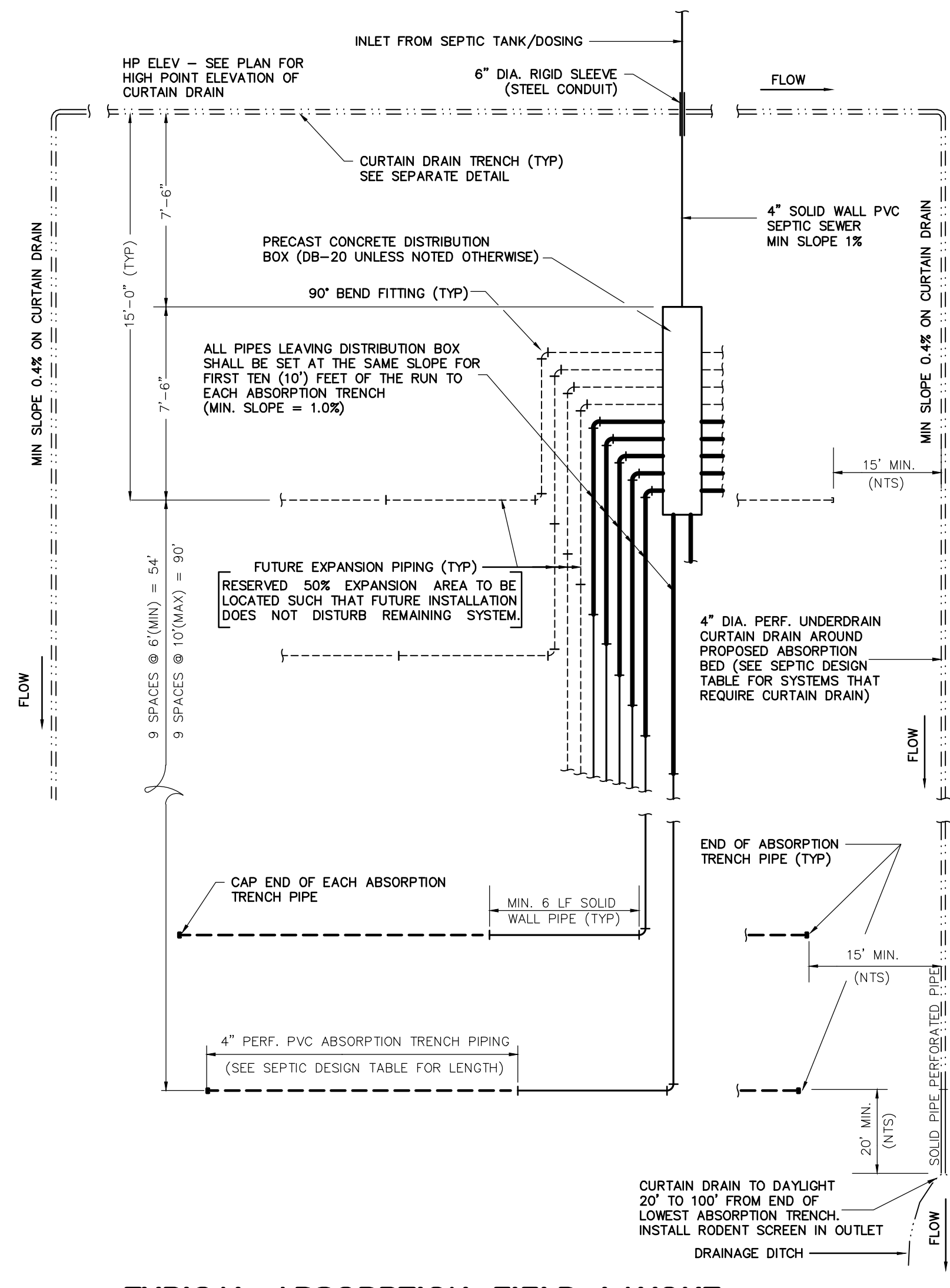
**ABSORPTION TRENCH DETAILS**  
 N.T.S.

**SEPTIC SYSTEM NOTES**

- FOOTING, ROOF AND CELLAR DRAINS SHALL NOT BE CONNECTED TO THE DISPOSAL SYSTEM AND SHALL BE DISCHARGED AWAY FROM, AND NOT UPHILL, FROM SAME.
- GRADE TO DRAIN SURFACE WATER AROUND AND AWAY FROM DISPOSAL FIELD AND SEED TO GRASS.
- ALL TREES & SHRUBS MUST BE CUT FROM THE TILE FIELD AREAS.
- THERE SHALL BE NO SUBSTANTIAL CHANGE IN GROUND SURFACE ELEVATIONS OR GRADES AT THE LOCATION OF THE FIELD INSTALLATION; VIRGIN SOIL TO REMAIN UNDISTURBED BEFORE THE TILE FIELD INSTALLATION.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY ON THE SOIL ON WHICH THE DESIGN IS BASED.
- SEPTIC SYSTEM DESIGN SHALL BE A MINIMUM 1,250 GALLON SEPTIC TANK AND TILE LENGTH AS INDICATED.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH RECOMMENDED STANDARDS AND CRITERIA AS SPECIFIED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND THE NEW YORK STATE DEPARTMENT OF HEALTH.
- THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS OVER 100 GALLONS.
- A MINIMUM OF 4 FEET OF USABLE SOIL MUST EXIST OVER ANY BEDROCK OR GROUNDWATER ENCOUNTERED.
- NO SWIMMING POOLS, DRIVEWAYS OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD.
- NO COMPONENT PART OF ANY SEWAGE DISPOSAL SYSTEM SHALL BE LOCATED OR MAINTAINED WITHIN 100 FEET OF ANY SPRING, RESERVOIR, BROOK, MARSH OR ANY OTHER BODY OF WATER.
- WELL MUST BE AT LEAST 100 FEET AWAY FROM LOWER TILE FIELD AND 200 FEET AWAY FROM HIGHER TILE FIELD IN THE DIRECT LINE OF DRAINAGE.
- PIPE FROM HOUSE TO SEPTIC TANK TO BE STRAIGHT AND AT CONSTANT GRADE AND SHALL BE CONSTRUCTED OF 4" P.V.C. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
- WATER SAVING FIXTURES AND DEVICES ARE REQUIRED FOR HOME USE.
- PRIOR TO THE OCCUPANCY OF ANY HOUSE THE SANITARY FACILITIES (WATER SUPPLY, ANY WATER TREATMENTS AND SEWAGE DISPOSAL SYSTEM) MUST BE DESIGNED, LAID OUT IN FIELD, SUPERVISED AND INSPECTED DURING CONSTRUCTION AND CERTIFIED TO THE ORANGE COUNTY HEALTH DEPARTMENT AND LOCAL CODE ENFORCEMENT OFFICER AS COMPLETE IN ACCORDANCE WITH THE APPROVED PLANS AND NEW YORK STATE STANDARDS BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
- TOWN OF NEWBURGH REQUIREMENTS IN REGARD TO PERMITS AND INSPECTIONS TO BE OBSERVED.
- THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED.
- RESERVE SEWAGE SYSTEM ABSORPTION AREA SHALL BE EQUAL TO 50% OF THE SIZE AS HERE DESIGNED.
- ALL LAUNDRY WASTE AND OTHER GRAY WATER TO BE DISCHARGED TO SEPTIC SYSTEM.
- PIPING TO BE LAID ON A FIRM FOUNDATION AT A MINIMUM SLOPE AS SHOWN, WITHOUT ANY BENDS OR DEPRESSIONS.
- SEWAGE SYSTEM SEPARATION DISTANCES TO COMPLY WITH SEPARATION DISTANCES CHART PROVIDED (SEE DETAILS).
- CONTRACTOR SHALL INSPECT SEPTIC TANK AFTER THE FIRST YEAR'S OPERATION TO INSURE AGAINST ABNORMAL SLUDGE BUILDUP AS SET FORTH IN TABLE 5 OF THE NEW YORK STATE DEPARTMENT OF HEALTH WASTE TREATMENT HANDBOOK.
- NO LOT IS TO BE FURTHER SUBDIVIDED WITHOUT ORANGE COUNTY DEPARTMENT OF HEALTH REVIEW AND APPROVAL.
- ALL WELLS AND SEPTIC SYSTEMS WITHIN 300' OF THIS PROJECT HAVE BEEN LOCATED AND ARE SHOWN ON THE PLANS.
- THERE SHALL BE NO REGRADING IN THE AREA OF THE ABSORPTION FIELDS.
- THE PURCHASER OF EACH LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES, INCLUDING NYSDEC COMPLETION REPORT.
- SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS.
- PUMP STATIONS/DOSING CHAMBERS SHOULD BE INSPECTED PERIODICALLY BY A PROPERLY TRAINED PERSON FOR PROPER OPERATION, INCLUDING HIGH WATER ALARMS, VENTING AND ANY PHYSICAL DAMAGE.
- DISTRIBUTION BOXES/DROP BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.



**WOODARD'S MODEL DB-20 OR EQUAL PRECAST DISTRIBUTION BOX**  
 SCALE: 1/2" = 1'-0"



**TYPICAL ABSORPTION FIELD LAYOUT**  
 N.T.S.

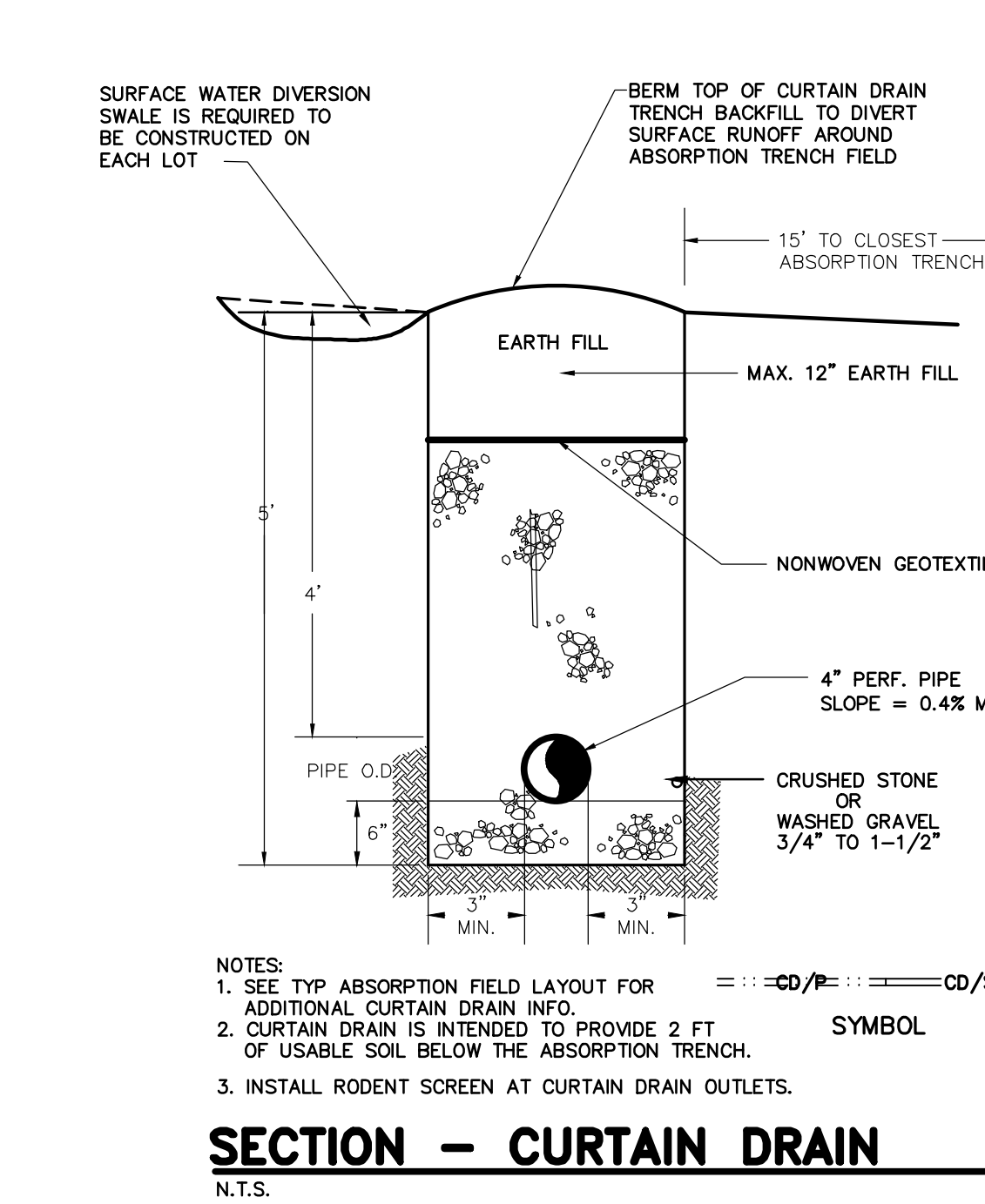
| SEPARATION DISTANCES FROM WASTEWATER SOURCES |                                     |                                     |                          |               |
|--|-------------------------------------|-------------------------------------|--------------------------|---------------|
| WASTEWATER SOURCES                           | WELL OR SUCTION LINE (a)            | TO STREAM, LAKE OR WATER COURSE (b) | TO STREAM, LAKE DWELLING | PROPERTY LINE |
| HOUSE SEWER (WATERTIGHT JOINTS)              | 25' IF CAST IRON PIPE 50' OTHERWISE | 25'                                 | -                        | 10'           |
| SEPTIC TANK                                  | 50'                                 | 50'                                 | 10'                      | 10'           |
| EFFLUENT LINE TO DISTRIBUTION BOX            | 50'                                 | 50'                                 | 10'                      | 10'           |
| DISTRIBUTION BOX                             | 100'                                | 100'                                | 20'                      | 10'           |
| ABSORPTION FIELD                             | 100' (b)                            | 100'                                | 20'                      | 10'           |
| SEEPAGE PIT                                  | 150' (a) (MORE IN COURSE GRAVEL)    | 100'                                | 20'                      | 10'           |
| DRY WELL (ROOF AND FOOTING)                  | 50'                                 | 25'                                 | 20'                      | 10'           |
| FILL OR BUILT-UP SYSTEM                      | 100'                                | 100'                                | 20'                      | 10'           |
| EVAPOTRANSPIRATION-ABSORPTION SYSTEM         | 100'                                | 50'                                 | 20'                      | 10'           |
| SANITARY PRIVY PIT                           | 100'                                | 50'                                 | 20'                      | 10'           |
| PRIVY, WATERTIGHT VAULT                      | 50'                                 | 50'                                 | 20'                      | 10'           |

(A) WATER SERVICE AND SEWER LINES MAY BE IN THE SAME TRENCH IF CAST IRON SEWER WITH LEAD-CALKED JOINTS IS LAID AT ALL POINTS 12 INCHES BELOW WATER SERVICE PIPE, OR SEWER MAY BE ON DROPPED SHELF AT ONE SIDE AT LEAST 12 INCHES BELOW WATER SERVICE PIPE. PROVIDED THAT SEWER PIPE IS LAID BELOW FROST WITH TIGHT AND ROOT-PROOF JOINTS AND IT IS NOT SUBJECT TO SETTLING. SUPERIMPOSED LOADS OR VIBRATION. WATER SERVICE LINES UNDER PRESSURE SHALL NOT PASS CLOSER THAN 10 FEET OF A SEPTIC TANK, ABSORPTION TILE FIELD, LEACHING PIT, PRIVY OR ANY PART OF A SEWAGE DISPOSAL SYSTEM.

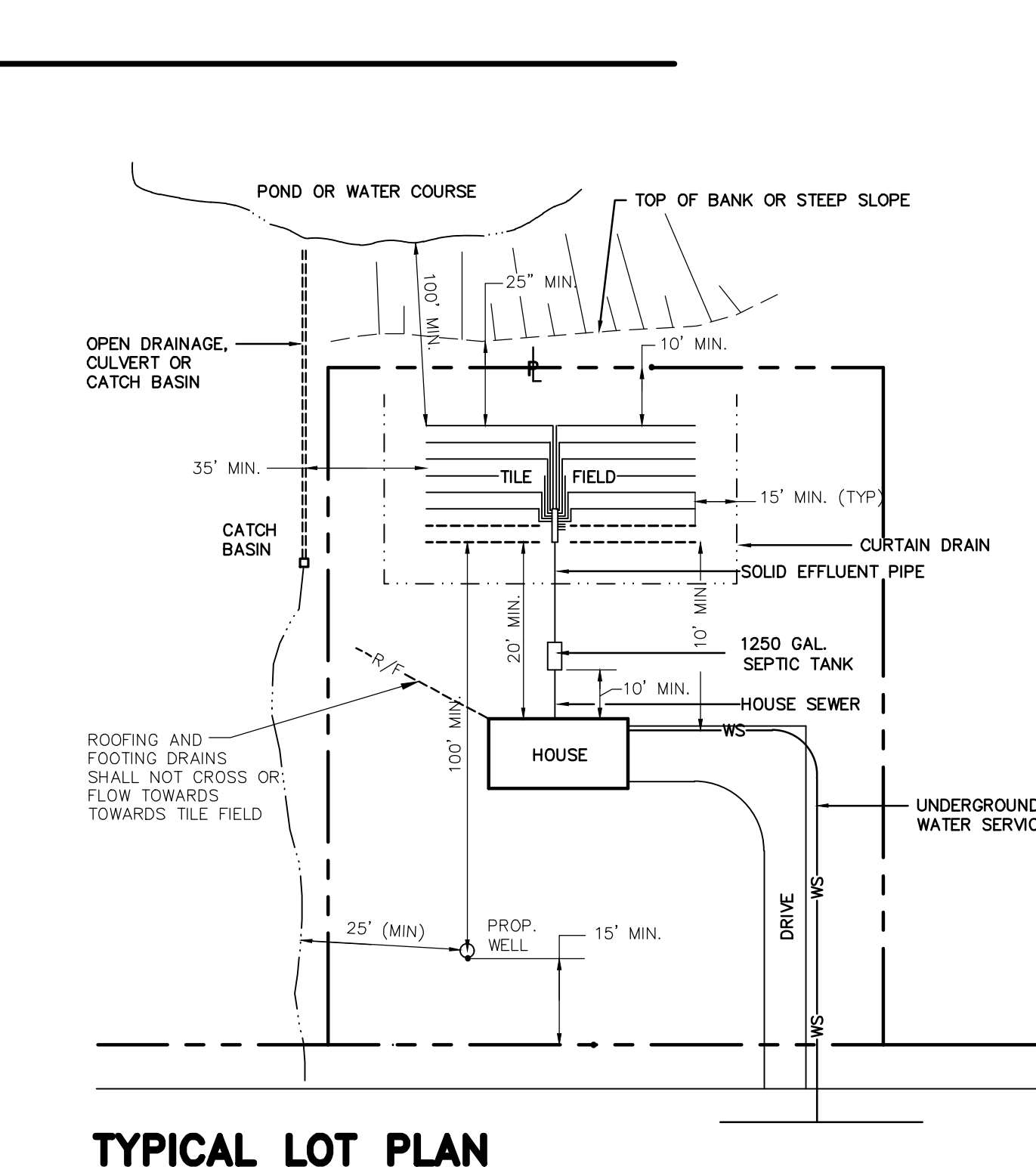
(B) SEWAGE DISPOSAL SYSTEMS LOCATED OF NECESSITY UPGRADE IN THE GENERAL PATH OF DRAINAGE TO A WELL SHOULD BE SPACED 200 FEET OR MORE AWAY.

(C) MEAN HIGH WATER MARK

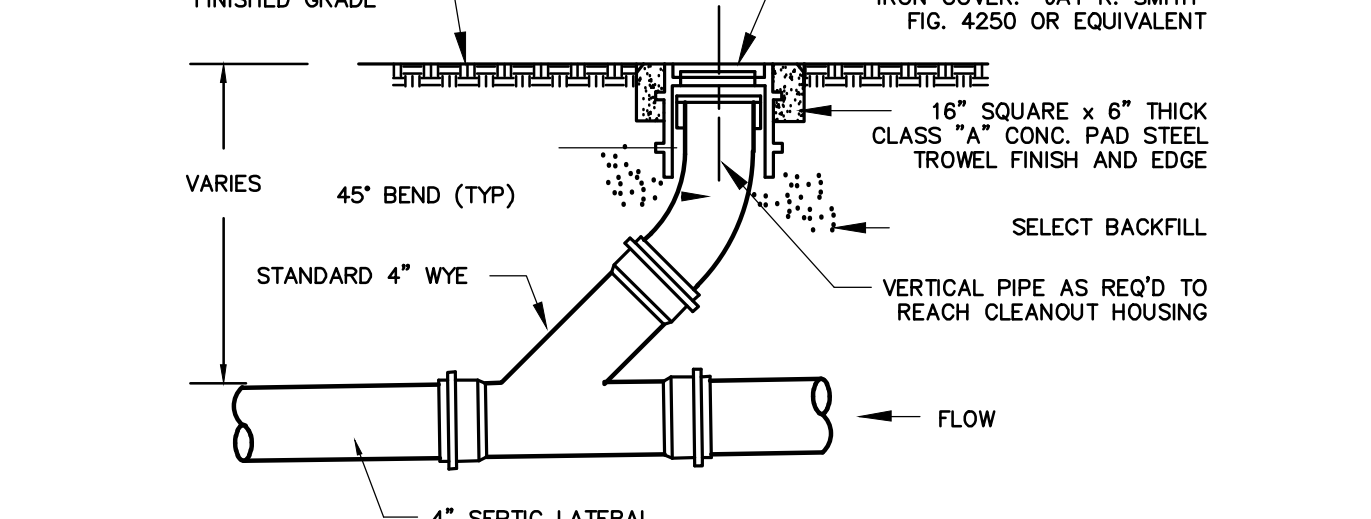
**TYPICAL PUMP STATION DETAIL**  
 SCALE: 3/8" = 1'-0"



**TYPICAL CURTAIN DRAIN CONNECTION TO STORM SEWER**  
 N.T.S.



**TYPICAL LOT PLAN**  
 N.T.S.



**TYPICAL SANITARY CLEANOUT DETAIL**  
 N.T.S.

NOTE DOSING TANK DETAIL ON SHEET 13

RESERVED FOR APPROVAL

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

| NO. | DATE     | REVISIONS  | BY  |
|-----|----------|--|-----|
| 7   | 6/08/10  | REVISED PER O.C.H.D COMMENTS (1/25/10) LOT 3 PUMP CHAMBER SETTINGS | LAP |
| 6   | 12/21/09 | REVISED PER O.C.H.D COMMENTS (7/17/09)                             | MAP |
| 5   | 6/24/09  | REVISED PER O.C.H.D COMMENTS (1/29/09)                             | MAP |
| 4   | 12/19/08 | REVISED PER O.C.H.D COMMENTS (7/22/08)                             | LAP |

NO. DATE REVISIONS BY

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

JOB NO. 02025L5  
 02025L5-11  
 SCALE: AS NOTED  
 DATE: JUNE 28, 2006

**SEPTIC DETAILS**

PROJECT: **LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK**

**T. M. DEPUY**  
 ENGINEERING & LAND SURVEYING, P.C.  
 2856 ROUTE 302, MIDDLETOWN, NY 10941  
 PHONE: (845) 361-5421 FAX: (845) 361-5229

DWG. **12**  
 OF 20

THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.



| DRAINAGE STRUCTURE TABLE |          |             |             |             |             |
|--------------------------|----------|-------------|-------------|-------------|-------------|
| INLET NO.                | DS1      | DS2         | DS3         | DS4         | DS5         |
| TYPE                     | ENDWALL  | CB-C        | CB-C        | CB-C        | CB-C        |
| PIPE                     | 48" HDPE | 48" HDPE    | 48" HDPE    | 42" HDPE    | 42" HDPE    |
| LENGTH                   | -        | 90 LF       | 66 LF       | 118 LF      | 419 LF      |
| FRAME (EL)               | -        | 395.7       | 394.7       | 401.3       | 426.8       |
| INV. (IN)                | -        | -           | 390.7 (18") | 398.0 (15") | 420.3 (42") |
| INV. (IN)                | -        | 386.5 (48") | 388.7 (42") | 395.5 (42") | 422.8 (24") |
| INV. (IN)                | -        | 391.7 (18") | 390.7 (15") | -           | 423.5 (18") |
| INV. (OUT)               | 384.0    | 386.5       | 388.2       | 394.8       | 420.3       |

| DRAINAGE STRUCTURE TABLE |             |          |          |          |          |
|--------------------------|-------------|----------|----------|----------|----------|
| INLET NO.                | DS11        | DS12     | DS13     | DS14     | DS15     |
| TYPE                     | CB-A        | F.E.     | CB-A     | CB-A     | CB-A     |
| PIPE                     | 18" HDPE    | 18" HDPE | 15" HDPE | 24" HDPE | 24" HDPE |
| LENGTH                   | 25 LF       | 20 LF    | 27 LF    | 280 LF   | 280 LF   |
| FRAME (EL)               | 394.7       | -        | 401.7    | 443.6    | 460.4    |
| INV. (IN)                | -           | -        | -        | 440.3    | -        |
| INV. (IN)                | 391.4 (18") | -        | -        | -        | 457.1    |
| INV. (IN)                | -           | -        | -        | -        | 455.4    |
| INV. (OUT)               | 391.4       | 392.7    | 398.7    | 437.1    | 453.9    |

| DRAINAGE STRUCTURE TABLE |          |          |          |          |          |
|--------------------------|----------|----------|----------|----------|----------|
| INLET NO.                | DS21     | DS22     | DS23     | DS24     | DS25     |
| TYPE                     | CB-A     | CB-A     | CB-A     | CB-A     | CB-A     |
| PIPE                     | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE |
| LENGTH                   | 135 LF   | 50 LF    | 280 LF   | 25 LF    | 25 LF    |
| FRAME (EL)               | 528.2    | 531.0    | 548.7    | 548.7    | 443.6    |
| INV. (IN)                | 524.6    | -        | -        | -        | -        |
| INV. (IN)                | 524.6    | 528.0    | -        | -        | -        |
| INV. (IN)                | -        | -        | 545.4    | -        | -        |
| INV. (OUT)               | 523.2    | 527.0    | 542.2    | 545.7    | 440.6    |

| DRAINAGE STRUCTURE TABLE |          |          |          |          |          |
|--------------------------|----------|----------|----------|----------|----------|
| INLET NO.                | DT1      | DT2      | DT3      | DT4      | DT5      |
| TYPE                     | F.E.     | CB-A     | CB-A     | CB-A     | F.E.     |
| PIPE                     | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE |
| LENGTH                   | -        | 110 LF   | 246 LF   | 25 LF    | -        |
| FRAME (EL)               | -        | 394.2    | 392.0    | 392.0    | -        |
| INV. (IN)                | -        | 385.8    | -        | -        | -        |
| INV. (IN)                | -        | -        | -        | -        | -        |
| INV. (IN)                | -        | -        | 388.4    | -        | -        |
| INV. (OUT)               | 384.0    | 385.8    | 388.4    | 388.7    | 386.0    |

| DRAINAGE STRUCTURE TABLE |          |          |          |          |  |
|--------------------------|----------|----------|----------|----------|--|
| INLET NO.                | DT6      | DT7      | DT8      | DT9      |  |
| TYPE                     | CB-A     | CB-A     | CB-A     | CB-A     |  |
| PIPE                     | 18" HDPE | 18" HDPE | 18" HDPE | 18" HDPE |  |
| LENGTH                   | 69 LF    | 22 LF    | 168 LF   | 22 LF    |  |
| FRAME (EL)               | 394.65   | 394.67   | 401.23   | 401.18   |  |
| INV. (IN)                | 391.65   | -        | 397.73   | -        |  |
| INV. (IN)                | 391.25   | -        | -        | -        |  |
| INV. (IN)                | -        | -        | -        | -        |  |
| INV. (OUT)               | 391.25   | 391.67   | 397.5    | 398.18   |  |

| DRAINAGE STRUCTURE TABLE |          |          |          |                           |          |
|--------------------------|----------|----------|----------|---------------------------|----------|
| INLET NO.                | DP1      | DP2      | DP3      | DP4                       | DP5      |
| TYPE                     | F.E.     | CB-A     | CB-A     | CB-A                      | CB-A     |
| PIPE                     | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE                  | 15" HDPE |
| LENGTH                   | -        | 90 LF    | 12 LF    | 140 LF                    | 160 LF   |
| FRAME (EL)               | -        | 492.2    | 492.2    | 496.3                     | 505.1    |
| INV. (IN)                | -        | 488.2    | -        | 492.8                     | -        |
| INV. (IN)                | -        | 487.4    | -        | -                         | -        |
| INV. (IN)                | -        | -        | -        | -                         | 501.8    |
| INV. (OUT)               | 485.6    | 487.4    | 488.7    | 492.8 (15")<br>491.1 (4") | 498.6    |

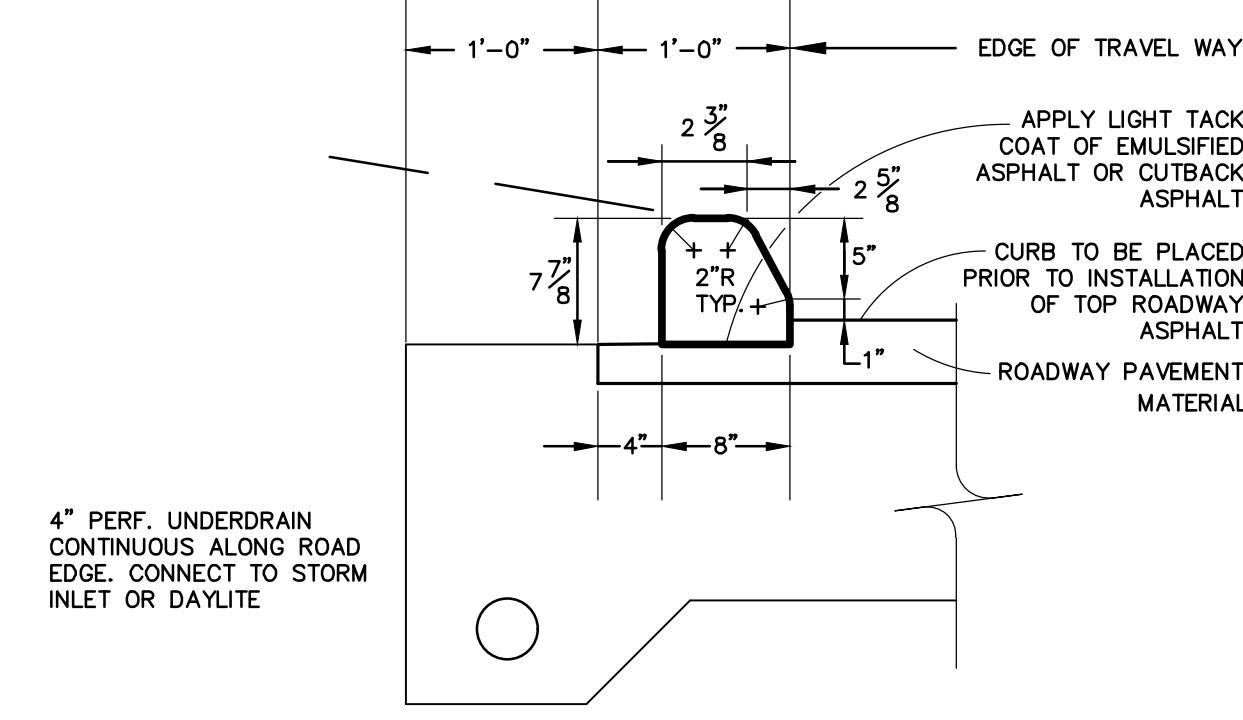
| DRAINAGE STRUCTURE TABLE |          |          |          |          |          |
|--------------------------|----------|----------|----------|----------|----------|
| INLET NO.                | DS6      | DS7      | DS8      | DS9      | DS10     |
| TYPE                     | CB-C     | CB-C     | F.E.     | F.E.     | FE       |
| PIPE                     | 42" HDPE | 42" HDPE | 42" HDPE | 18" HDPE | 15" HDPE |
| LENGTH                   | 25 LF    | 276 LF   | 117 LF   | 20 LF    | 20 LF    |
| FRAME (EL)               | 426.8    | 437.6    | -        | -        | -        |
| INV. (IN)                | -        | -        | -        | -        | -        |
| INV. (IN)                | 421.0    | -        | -        | -        | -        |
| INV. (IN)                | -        | 431.8    | -        | -        | -        |
| INV. (OUT)               | 421.0    | 428.1    | 434.8    | 423.7    | 392.2    |

| DRAINAGE STRUCTURE TABLE |          |          |          |          |          |
|--------------------------|----------|----------|----------|----------|----------|
| INLET NO.                | DS16     | DS17     | DS18     | DS19     | DS20     |
| TYPE                     | CB-A     | CB-A     | CB-A     | CB-A     | MANHOLE  |
| PIPE                     | 18" HDPE | 15" HDPE | 15" HDPE | 15" HDPE | 15" HDPE |
| LENGTH                   | 214 LF   | 70 LF    | 81 LF    | 70 LF    | 242 LF   |
| FRAME (EL)               | 473.3    | 478.7    | 486.2    | 493.8    | 521.5    |
| INV. (IN)                | 469.5    | -        | -        | 490.5    | 517.5    |
| INV. (IN)                | 470.3    | 475.7    | 483.2    | 490.8    | -        |
| INV. (IN)                | -        | -        | -        | -        | -        |
| INV. (OUT)               | 467.3    | 473.7    | 481.2    | 488.8    | 515.5    |

| DRAINAGE STRUCTURE TABLE |          |          |          |          |  |
|--------------------------|----------|----------|----------|----------|--|
| INLET NO.                | DS26     | DS27     | DS28     | DS29     |  |
| TYPE                     | F.E.     | CB-A     | CB-A     | CB-A     |  |
| PIPE                     | 18" HDPE | 18" HDPE | 15" HDPE | 15" HDPE |  |
| LENGTH                   | 35 LF    | 25 LF    | 25 LF    | 45 LF    |  |
| FRAME (EL)               | -        | 473.3    | 493.8    | 528.2    |  |
| INV. (IN)                | -        | -        | -        | -        |  |
| INV. (IN)                | -        | -        | -        | -        |  |
| INV. (IN)                | -        | -        | -        | -        |  |
| INV. (OUT)               | 455.8    | 469.8    | 490.8    | 525.1    |  |

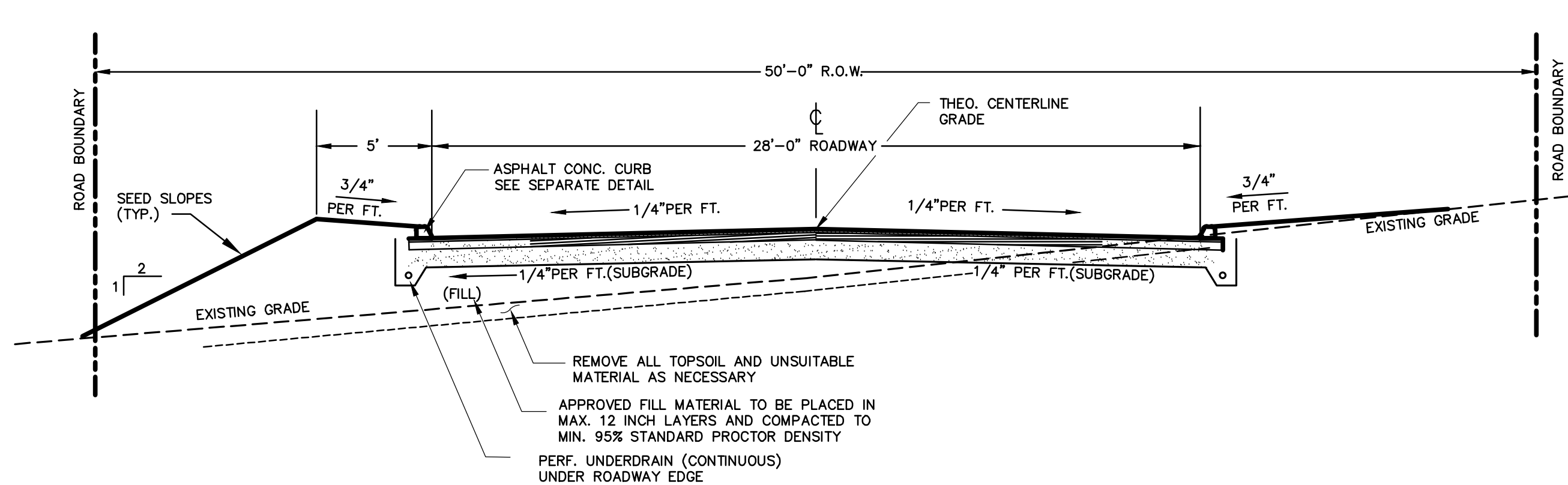
| DRAINAGE STRUCTURE TABLE |          |          |          |          |  |
|--------------------------|----------|----------|----------|----------|--|
| INLET NO.                | DR5      | DR6      | DR7      | DR8      |  |
| TYPE                     | CB-A     | CB-A     | CB-A     | CB-A     |  |
| PIPE                     | 15" HDPE | 18" HDPE | 15" HDPE | 15" HDPE |  |
| LENGTH                   | 35 LF    | 230 LF   | 75 LF    | 114 LF   |  |
| FRAME (EL)               | 405.2    | 401.3    | 405.2    | 411.1    |  |
| INV. (IN)                | -        | -        | 401.9    | -        |  |
| INV. (IN)                | -        | 398.0    | 401.9    | 408.1    |  |
| INV. (IN)                | -        | -        | -        | -        |  |
| INV. (OUT)               | 402.2    | 397.3    | 401.2    | 406.1    |  |

| DRAINAGE STRUCTURE TABLE |          |  |  |  |  |
|--------------------------|----------|--|--|--|--|
| INLET NO.                | DP6      |  |  |  |  |
| TYPE                     | CB-A     |  |  |  |  |
| PIPE                     | 15" HDPE |  |  |  |  |
| LENGTH                   | 25 LF    |  |  |  |  |
| FRAME (EL)               | 505.1    |  |  |  |  |
| INV. (IN)                | -        |  |  |  |  |
| INV. (IN)                | -        |  |  |  |  |
| INV. (IN)                | -        |  |  |  |  |
| INV. (OUT)               | 502.1    |  |  |  |  |



**ASPHALT CONCRETE CURB**

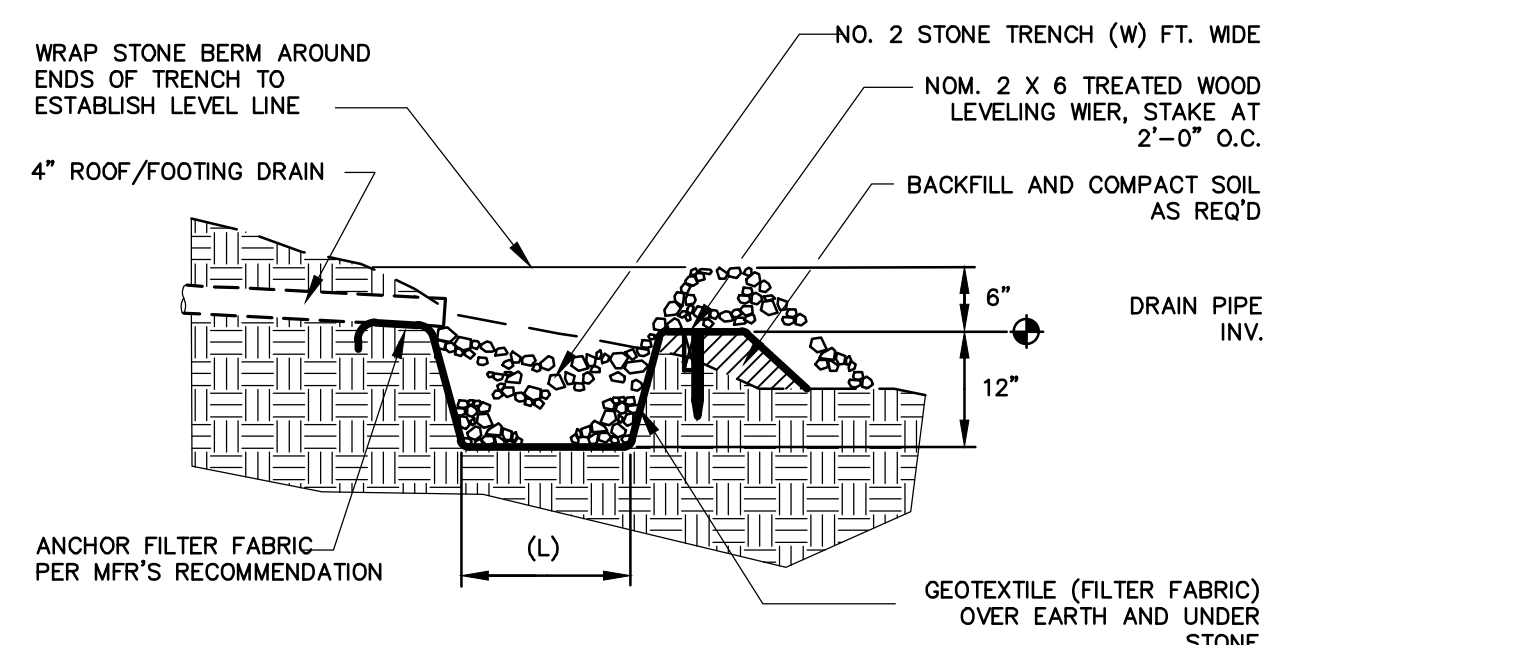
N.T.S.



**TYPICAL SECTION - MINOR RESIDENTIAL ROAD**

N.T.S.

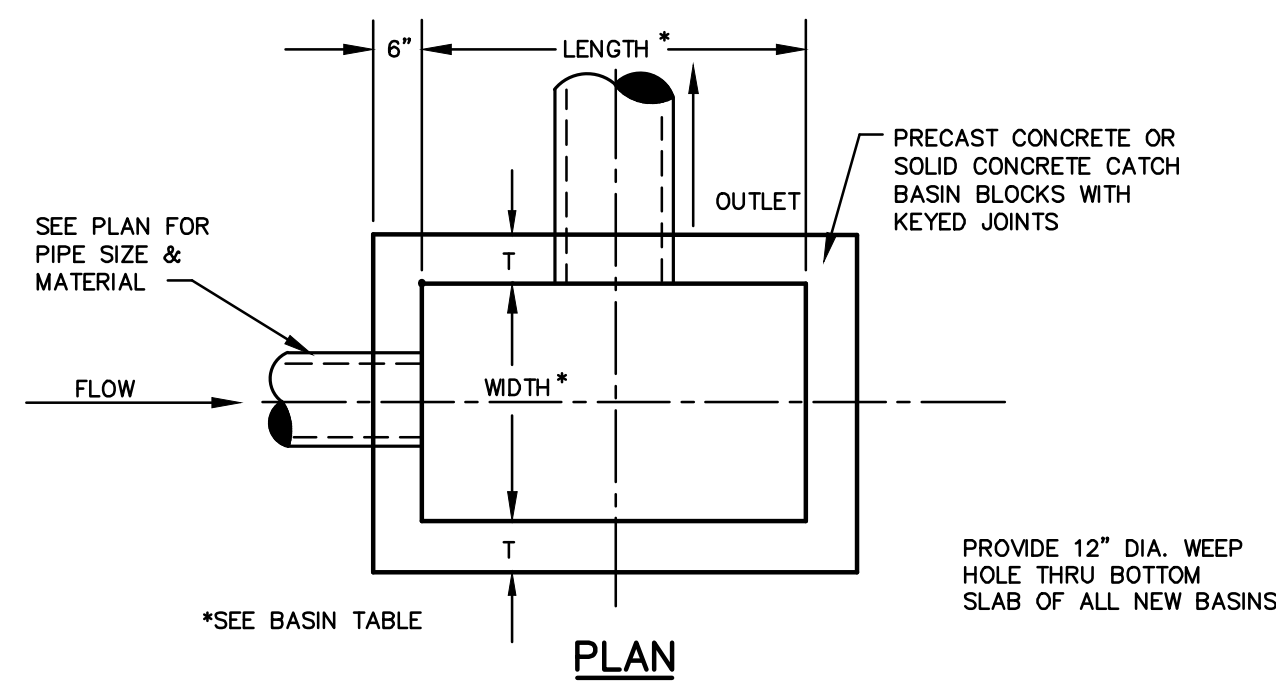
**ROADWAY PAVEMENT**



| SECTION | ROOF/FOOTING DRAIN | DWELLING ROOF (SF) | WATER QUALITY (CF) | TWO (2) OUTLETS/DWELLING LENGTH (FT) | WIDTH (FT) | VOLUME (CF) |
|---------|--------------------|--------------------|--------------------|--------------------------------------|------------|-------------|
| PLAN    | (W/2)              | (W)                |                    |                                      |            |             |
|         |                    | 2000               | 186                | 10                                   | 6.5        | 97.5        |
|         |                    | 2500               | 231                | 11.5                                 | 7.5        | 128.4       |
|         |                    | 3000               | 279                | 12.0                                 | 8.0        | 144.0       |

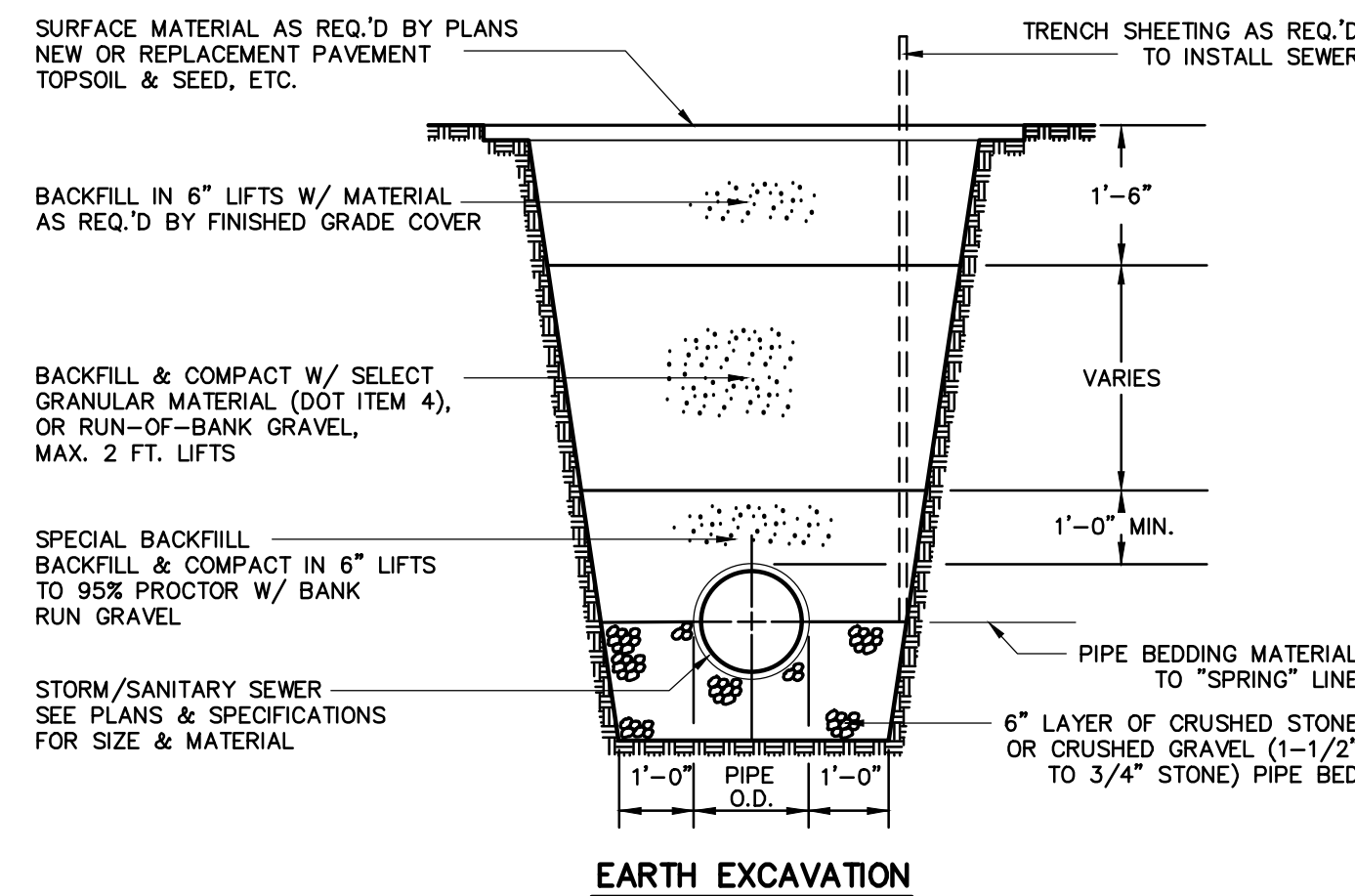
**ROOF DRAIN OUTLET DETAIL**

N.T.S.



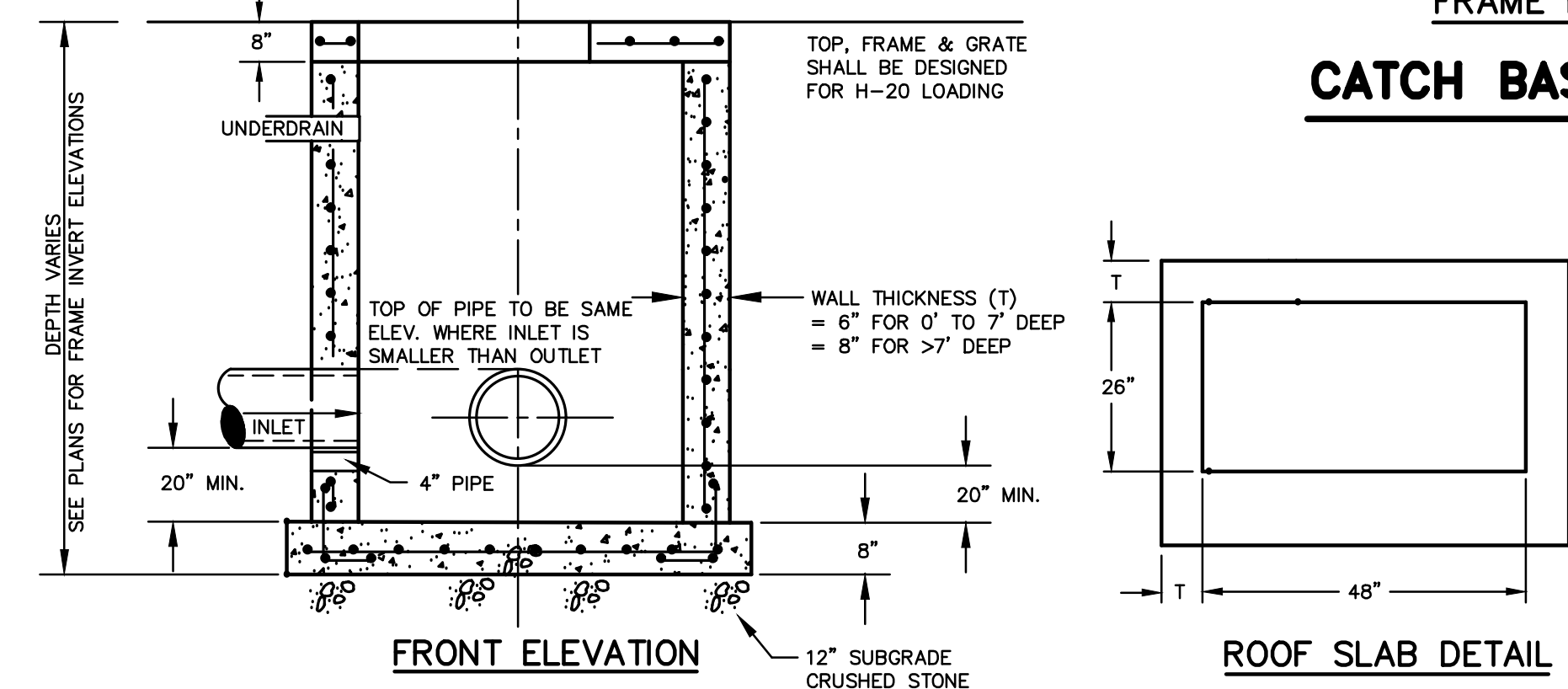
**CATCH BASIN FRAME**

N.T.S.



**TYPICAL STORM SEWER TRENCH DETAIL**

N.T.S.

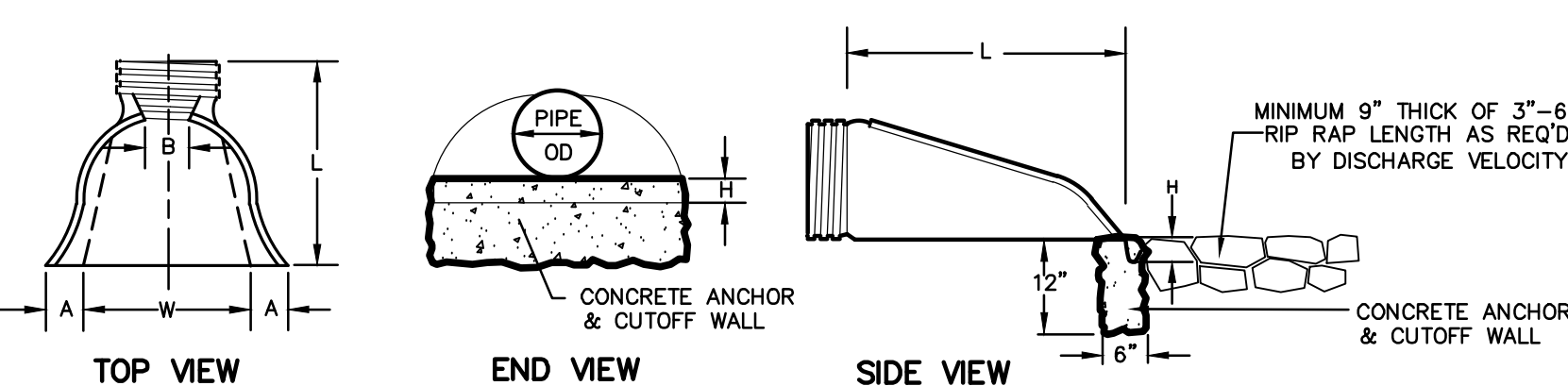


| DRAINAGE STRUCTURE SCHEDULE |              |            |
|-----------------------------|--------------|------------|
| TYPE                        | PRECAST TYPE | FRAME TYPE |
| CB-A                        | P1           | FR1        |
| CB-B                        | P2           | FR1        |
| CB-C                        | P3           | FR1        |
| CB-D                        | -            | -          |
| CB-E                        | -            | -          |
| CB-F                        | -            | -          |

| PRECAST BASIN SCHEDULE |              |        |       |      |
|------------------------|--------------|--------|-------|------|
| PRECAST TYPE           | LARGEST PIPE | LENGTH | WIDTH | ROOF |
| P1                     | 24"          | 48     | 30    | NO   |
| P2                     | 36"          | 48     | 42    | YES  |
| P3                     | 60"          | 72     | 72    | YES  |

**TYPICAL CATCH BASIN DETAIL**

SCALE: 1/2" = 1'-0"



| DIMENSIONS, INCHES(MM) |             |           |             |               |             |          |
|------------------------|-------------|-----------|-------------|---------------|-------------|----------|
| Part No.               | A, +/-1(25) | B MAX     | H, +/-1(25) | L, +/-1/2(13) | W, +/-2(50) |          |
| 12",15"(300,375)       | 1210 NP     | 6.5(165)  | 10(254)     | 6.5(165)      | 25(635)     | 29(736)  |
| 18"(450)               | 1810NP      | 7.5(190)  | 15(380)     | 6.5(168)      | 32(812)     | 35(890)  |
| 24"(600)               | 2410 NP     | 7.5(190)  | 18(450)     | 6.5(165)      | 36(900)     | 45(1140) |
| 30"(750)               | 3010 NP     | 10.5(266) | NA          | 7.0(178)      | 53(1346)    | 68(1725) |
| 36"(900)               | 3610 NP     | 10.5(266) | NA          | 7.0(178)      | 53(1346)    | 68(1725) |

**INSTALLATION INSTRUCTIONS**

- SPREAD THE END SECTION COLLAR AND PLACE IT OVER THE LAST PIPE CORRUGATION. MAKE SURE THE COLLAR SEATS PROPERLY IN THE CORRUGATION VALLEY.
- INSERT THREADED ROD THROUGH THE PRE-DRILLED HOLES IN THE END SECTION COLLAR. TIGHTEN WING NUTS.
- PLACE BACKFILL AROUND THE END SECTION AND OVER THE TOE PLATE. USE CARE DURING COMPACTION ALONG THE SIDES TO AVOID DISTORTION.

**FLARED END SECTION DETAIL**

N.T.S.

THIS PLAN IS NOT REVIEWED OR APPROVED BY THE ORANGE COUNTY HEALTH DEPT.

RESERVED FOR APPROVAL

| NO. | DATE     | REVISIONS  | BY  |
|-----|----------|--|-----|
| 4   | 2/18/08  | LABEL NOT FOR OCHD REVIEW  | DJW |
| 3   | 11/28/07 | REVIEW COMMENT LETTER DATED 10/27/07   | MAP |
| 2   | 09/06/07 | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG | MAP |
| 1   | 2/21/07  | REVISED "DP" STORM BASIN DATA  | DJW |

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JOB NO. 02025L5  
02025L5-13

SCALE: AS NOTED

DATE: JUNE 28, 2006

**SITE DETAILS**

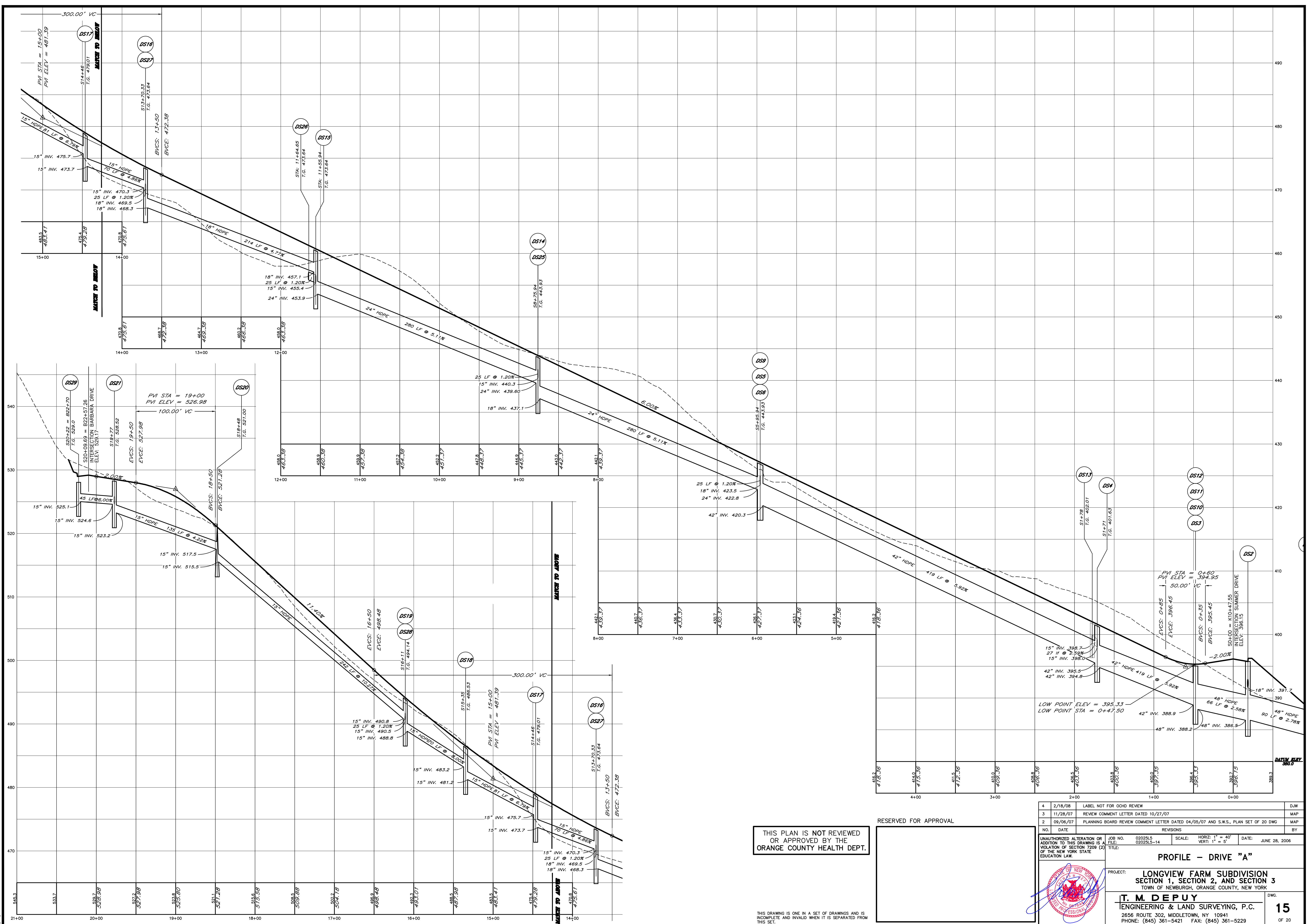
PROJECT: **LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3**  
TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

**T. M. DEPUY**  
ENGINEERING & LAND SURVEYING, P.C.  
2856 ROUTE 302, MIDDLETOWN, NY 10941  
PHONE: (845) 361-5421 FAX: (845) 361-5229

DWG. **14**  
OF 20

THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.





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RESERVED FOR APPROVAL

| NO. | DATE     | REVISIONS  | BY  |
|-----|----------|--|-----|
| 4   | 2/18/08  | LABEL NOT FOR OCHD REVIEW  | DJW |
| 3   | 11/28/07 | REVIEW COMMENT LETTER DATED 10/27/07   | MAP |
| 2   | 09/06/07 | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG | MAP |

|   |                                     |   |                     |
|---|-------------------------------------|---|---------------------|
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW. | JOB NO. 02025L5<br>FILE: 02025L5-14 | SCALE: HORIZ: 1" = 40'<br>VERT: 1" = 5' | DATE: JUNE 28, 2006 |
|---|-------------------------------------|---|---------------------|

**PROFILE - DRIVE "A"**

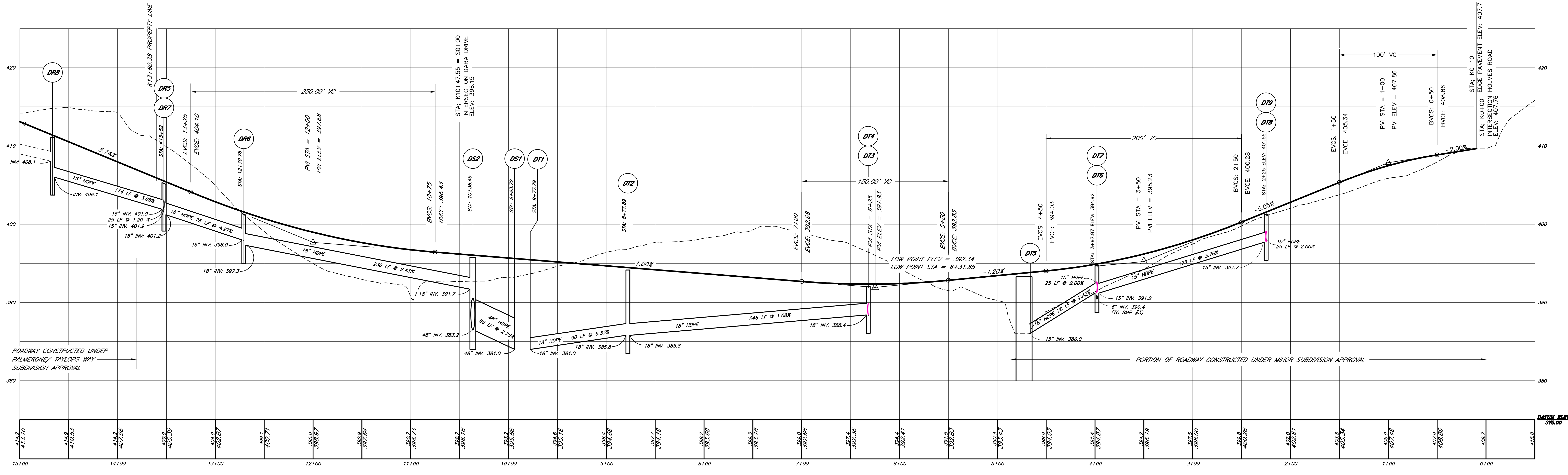
PROJECT: **LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3**  
TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

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DWG. **15**  
OF 20

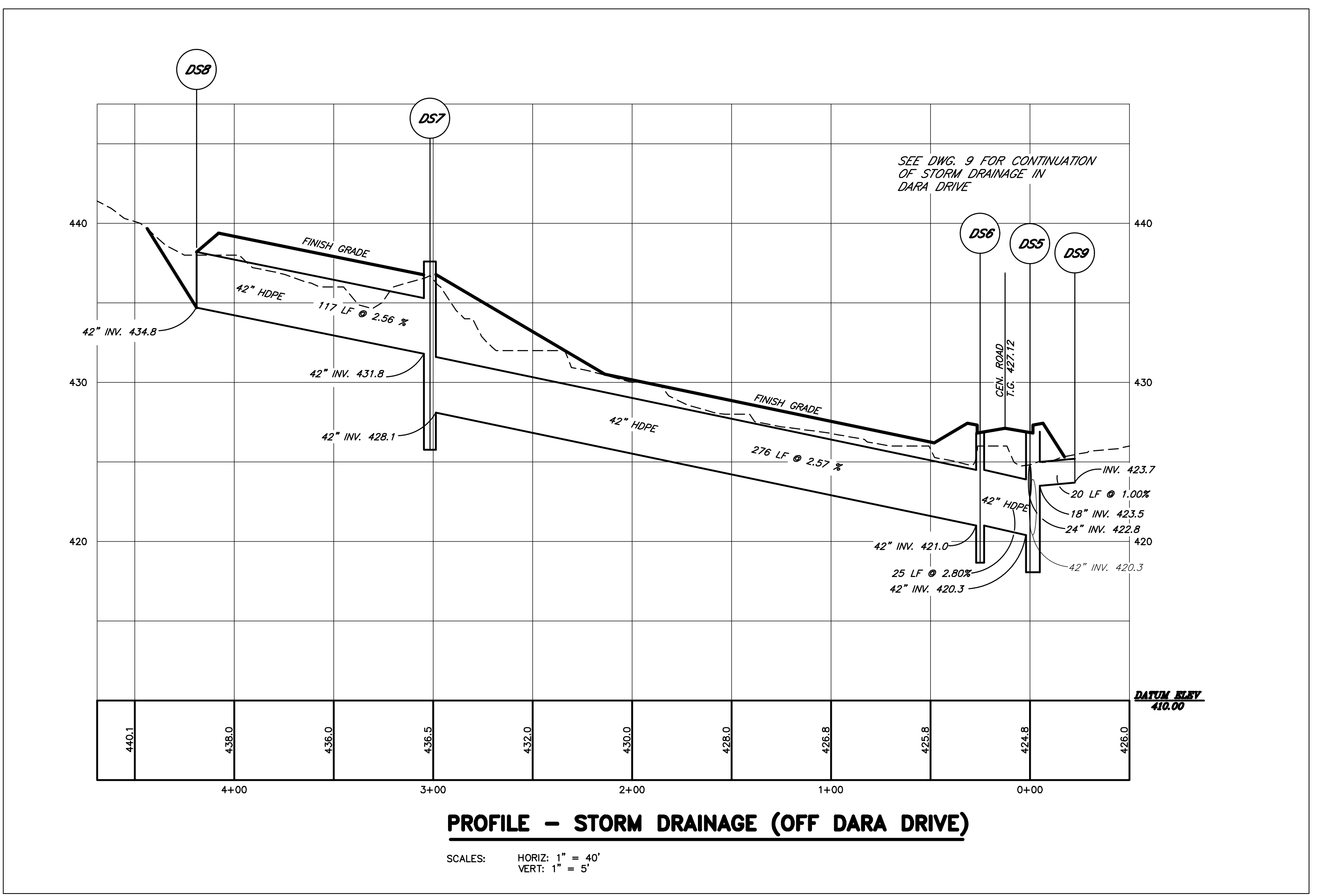
THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.

10/17/2022 - REVIVE PROJECT



**PROFILE - DARA DRIVE**

SCALES: HORIZ: 1" = 40'  
VERT: 1" = 5'



**PROFILE - STORM DRAINAGE (OFF DARA DRIVE)**

SCALES: HORIZ: 1" = 40'  
VERT: 1" = 5'

THIS PLAN IS NOT REVIEWED OR APPROVED BY THE ORANGE COUNTY HEALTH DEPT.

RESERVED FOR APPROVAL

|   |          |  |     |
|---|----------|--|-----|
| 4 | 2/18/08  | LABEL NOT FOR OCHD REVIEW  | DJW |
| 3 | 11/28/07 | REVIEW COMMENT LETTER DATED 10/27/07   | MAP |
| 2 | 09/06/07 | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG | MAP |
| 1 | 2/21/07  | PB REVIEW COMMENTS   | DJW |

|     |      |           |    |
|-----|------|-----------|----|
| NO. | DATE | REVISIONS | BY |
|     |      |           |    |

|   |                               |                 |                     |
|---|-------------------------------|-----------------|---------------------|
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW. | JOB NO. 02025L5<br>02025L5-15 | SCALE: AS NOTED | DATE: JUNE 28, 2006 |
|---|-------------------------------|-----------------|---------------------|

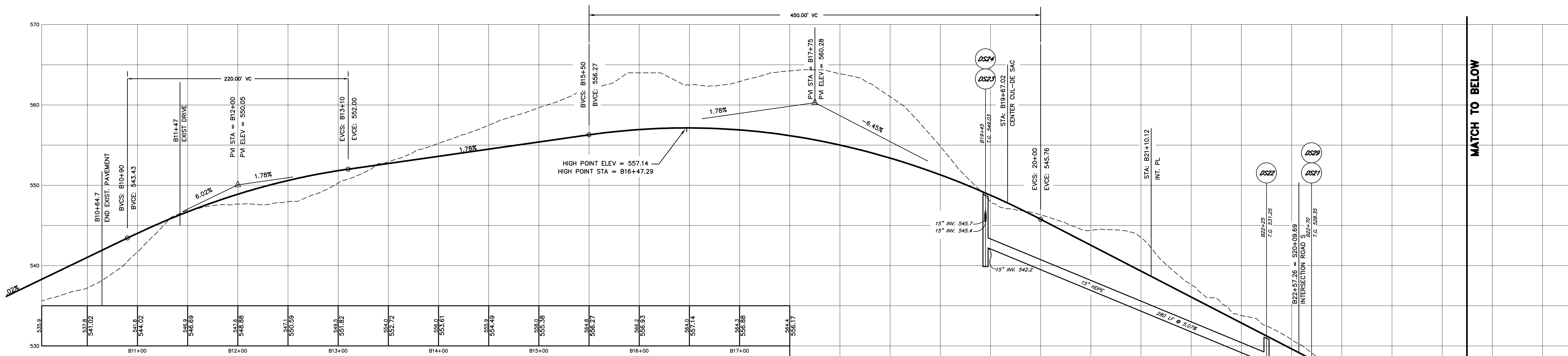
**PROFILES, DARA AND OFF ROAD STORM DRAIN**

PROJECT: **LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3**  
TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

**T. M. DEPUY**  
ENGINEERING & LAND SURVEYING, P.C.  
2656 ROUTE 302, MIDDLETOWN, NY 10941  
PHONE: (845) 361-5421 FAX: (845) 361-5229

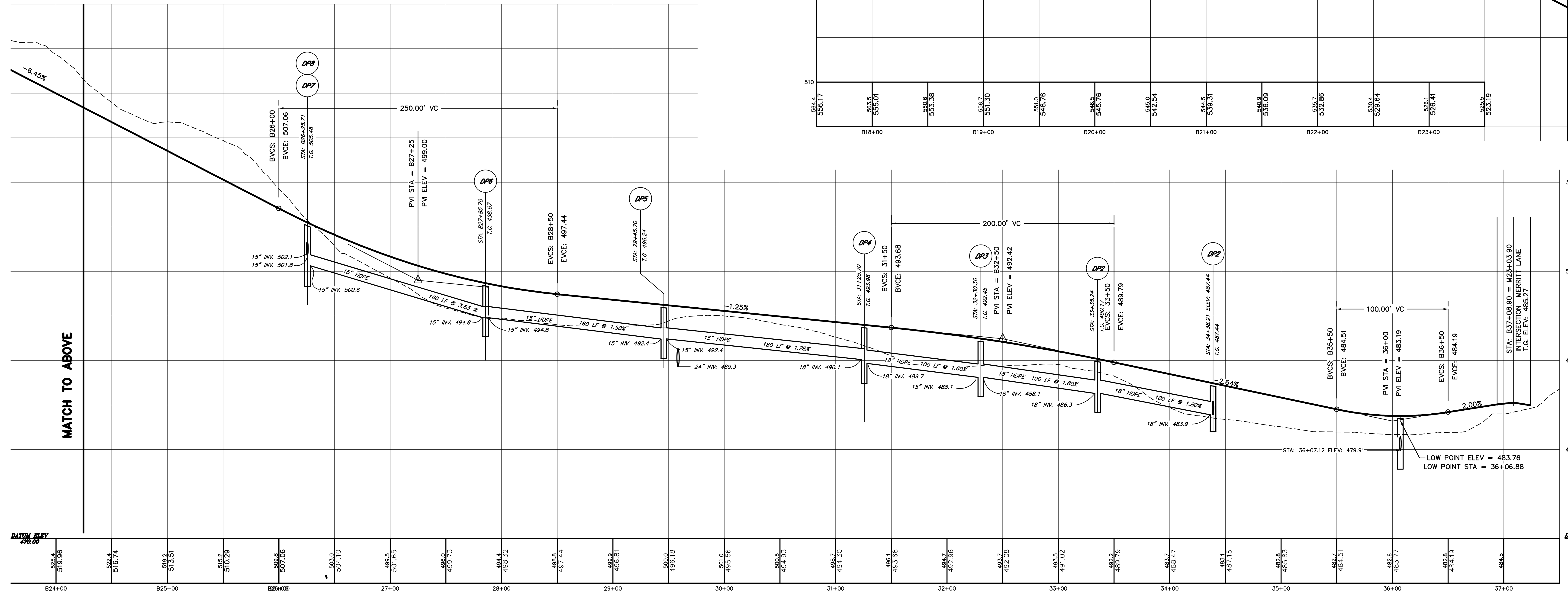
DWG. **16**  
OF 20

THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.



**PROFILE - BARBARA DRIVE**

SCALE: HORIZ: 1" = 40'  
VERT: 1" = 20'



**PROFILE - BARBARA DRIVE**

SCALE: HORIZ: 1" = 40'  
VERT: 1" = 20'

THIS PLAN IS NOT REVIEWED OR APPROVED BY THE ORANGE COUNTY HEALTH DEPT.

RESERVED FOR APPROVAL

|   |          |  |     |
|---|----------|--|-----|
| 4 | 2/18/08  | LABEL NOT FOR OCHD REVIEW  | DJW |
| 3 | 11/28/07 | REVIEW COMMENT LETTER DATED 10/27/07   | MAP |
| 2 | 09/06/07 | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG | MAP |
| 1 | 2/21/07  | REVISE "DP" STORM RUN  | DJW |

|     |      |   |    |
|-----|------|---|----|
| NO. | DATE | REVISIONS   | BY |
| 1   |      | UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW. |    |
| 2   |      | JOB NO. 02025L5<br>FILE: 02025L5-16   |    |
| 3   |      | SCALE: NOT TO SCALE   |    |
| 4   |      | DATE: JUNE 28, 2006   |    |

**BARBARA DRIVE PROFILE**

PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

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ENGINEERING & LAND SURVEYING, P.C.  
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PHONE: (845) 361-5421 FAX: (845) 361-5229

DWG. **17**  
OF 20

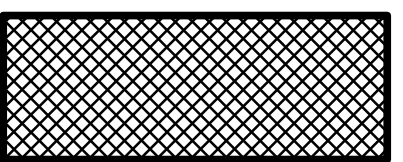
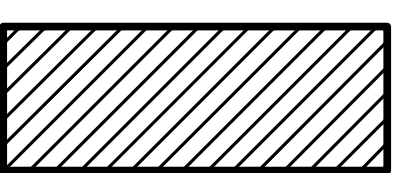
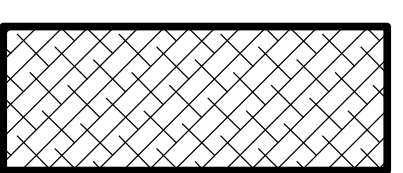
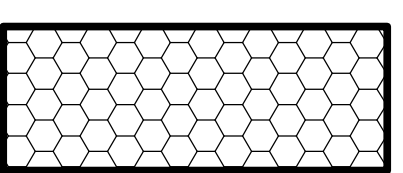
THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.

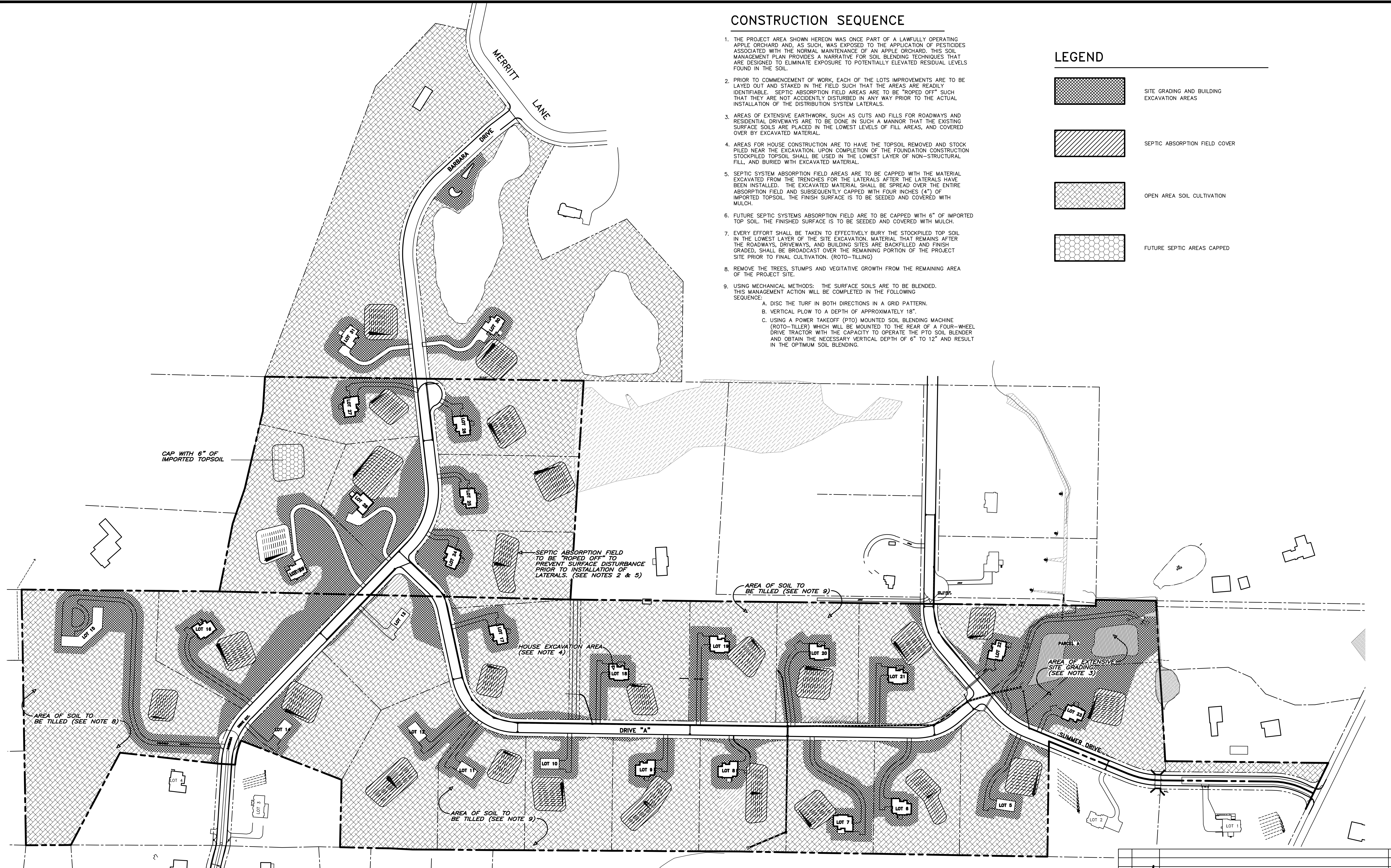
10/17/2022 - REVISE PROJECT

# CONSTRUCTION SEQUENCE

1. THE PROJECT AREA SHOWN HEREON WAS ONCE PART OF A LAWFULLY OPERATING APPLE ORCHARD AND, AS SUCH, WAS EXPOSED TO THE APPLICATION OF PESTICIDES ASSOCIATED WITH THE NORMAL MAINTENANCE OF AN APPLE ORCHARD. THIS SOIL MANAGEMENT PLAN PROVIDES A NARRATIVE FOR SOIL BLENDING TECHNIQUES THAT ARE DESIGNED TO ELIMINATE EXPOSURE TO POTENTIALLY ELEVATED RESIDUAL LEVELS FOUND IN THE SOIL.
2. PRIOR TO COMMENCEMENT OF WORK, EACH OF THE LOTS IMPROVEMENTS ARE TO BE LAYED OUT AND STAKED IN THE FIELD SUCH THAT THE AREAS ARE READILY IDENTIFIABLE. SEPTIC ABSORPTION FIELD AREAS ARE TO BE "ROPED OFF" SUCH THAT THEY ARE NOT ACCIDENTLY DISTURBED IN ANY WAY PRIOR TO THE ACTUAL INSTALLATION OF THE DISTRIBUTION SYSTEM LATERALS.
3. AREAS OF EXTENSIVE EARTHWORK, SUCH AS CUTS AND FILLS FOR ROADWAYS AND RESIDENTIAL DRIVEWAYS ARE TO BE DONE IN SUCH A MANNER THAT THE EXISTING SURFACE SOILS ARE PLACED IN THE LOWEST LEVELS OF FILL AREAS, AND COVERED OVER BY EXCAVATED MATERIAL.
4. AREAS FOR HOUSE CONSTRUCTION ARE TO HAVE THE TOPSOIL REMOVED AND STOCK PILED NEAR THE EXCAVATION. UPON COMPLETION OF THE FOUNDATION CONSTRUCTION STOCKPILED TOPSOIL SHALL BE USED IN THE LOWEST LAYER OF NON-STRUCTURAL FILL, AND BURIED WITH EXCAVATED MATERIAL.
5. SEPTIC SYSTEM ABSORPTION FIELD AREAS ARE TO BE CAPPED WITH THE MATERIAL EXCAVATED FROM THE TRENCHES FOR THE LATERALS AFTER THE LATERALS HAVE BEEN INSTALLED. THE EXCAVATED MATERIAL SHALL BE SPREAD OVER THE ENTIRE ABSORPTION FIELD AND SUBSEQUENTLY CAPPED WITH FOUR INCHES (4") OF IMPORTED TOPSOIL. THE FINISH SURFACE IS TO BE SEEDED AND COVERED WITH MULCH.
6. FUTURE SEPTIC SYSTEMS ABSORPTION FIELD ARE TO BE CAPPED WITH 6" OF IMPORTED TOP SOIL. THE FINISHED SURFACE IS TO BE SEEDED AND COVERED WITH MULCH.
7. EVERY EFFORT SHALL BE TAKEN TO EFFECTIVELY BURY THE STOCKPILED TOP SOIL IN THE LOWEST LAYER OF THE SITE EXCAVATION. MATERIAL THAT REMAINS AFTER THE ROADWAYS, DRIVEWAYS, AND BUILDING SITES ARE BACKFILLED AND FINISH GRADED, SHALL BE BROADCAST OVER THE REMAINING PORTION OF THE PROJECT SITE PRIOR TO FINAL CULTIVATION. (ROTO-TILLING)
8. REMOVE THE TREES, STUMPS AND VEGETATIVE GROWTH FROM THE REMAINING AREA OF THE PROJECT SITE.
9. USING MECHANICAL METHODS: THE SURFACE SOILS ARE TO BE BLENDED. THIS MANAGEMENT ACTION WILL BE COMPLETED IN THE FOLLOWING SEQUENCE:
  - A. DISC THE TURF IN BOTH DIRECTIONS IN A GRID PATTERN.
  - B. VERTICAL PLOW TO A DEPTH OF APPROXIMATELY 18".
  - C. USING A POWER TAKEOFF (PTO) MOUNTED SOIL BLENDING MACHINE (ROTO-TILLER) WHICH WILL BE MOUNTED TO THE REAR OF A FOUR-WHEEL DRIVE TRACTOR WITH THE CAPACITY TO OPERATE THE PTO SOIL BLENDER AND OBTAIN THE NECESSARY VERTICAL DEPTH OF 6" TO 12" AND RESULT IN THE OPTIMUM SOIL BLENDING.

## LEGEND

-  SITE GRADING AND BUILDING EXCAVATION AREAS
-  SEPTIC ABSORPTION FIELD COVER
-  OPEN AREA SOIL CULTIVATION
-  FUTURE SEPTIC AREAS CAPPED



### AGRICULTURAL SOIL MANAGEMENT NOTES

1. SOIL MITIGATION, IN ACCORDANCE WITH THIS PLAN, MUST BE COMPLETED PRIOR TO OCCUPANCY.
2. UNLESS PROPERLY MITIGATED, THE ANALYTES OF CONCERN WILL TEND TO REMAIN IN THE UPPER LAYERS OF THE SOIL WHERE THEY ARE ACCESSIBLE TO GARCENERS, CHILDREN, PETS, ETC.
3. THE FOLLOWING IS THE MAXIMUM ACCEPTABLE RELEVANT ANALYTES LEVELS

| ANALYTE | MAXIMUM ACCEPTABLE ANALYTE LEVEL |
|---------|----------------------------------|
| Arsenic | 20 ppm                           |
| Lead    | 400 ppm                          |
| DDT     | 6 ppm                            |
| DOD     | 6 ppm                            |
| DDE     | 6 ppm                            |

### AGRICULTURAL SOIL MANAGEMENT PLAN

#### GENERAL NOTES

1. THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC), STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, RESTRICTS AREA OF SITE DISTURBANCE TO 5 ACRES (MAX) AT ANY TIME. RESTABILIZE DISTURBED AREAS AS SOON AS POSSIBLE AFTER WORK IS COMPLETE.
2. THIS PLAN INDICATES THAT ALL OR NEARLY ALL OF THE PROJECT SITE IS TO BE DISTURBED TO COMPLY WITH THE SOIL MANAGEMENT REQUIREMENTS SET FORTH HEREON. EACH OF THE SEPARATE LOTS INCLUDED IN THIS PROJECT ARE TO BE "TILLED", GRADED AND STABILIZED, SEPARATELY FROM THE ADJOINING LOT, SUCH THAT THE AREA OF DISTURBANCE AT ANY GIVEN TIME DOES NOT EXCEED THE AREA OF 1 OR 2 LOTS.

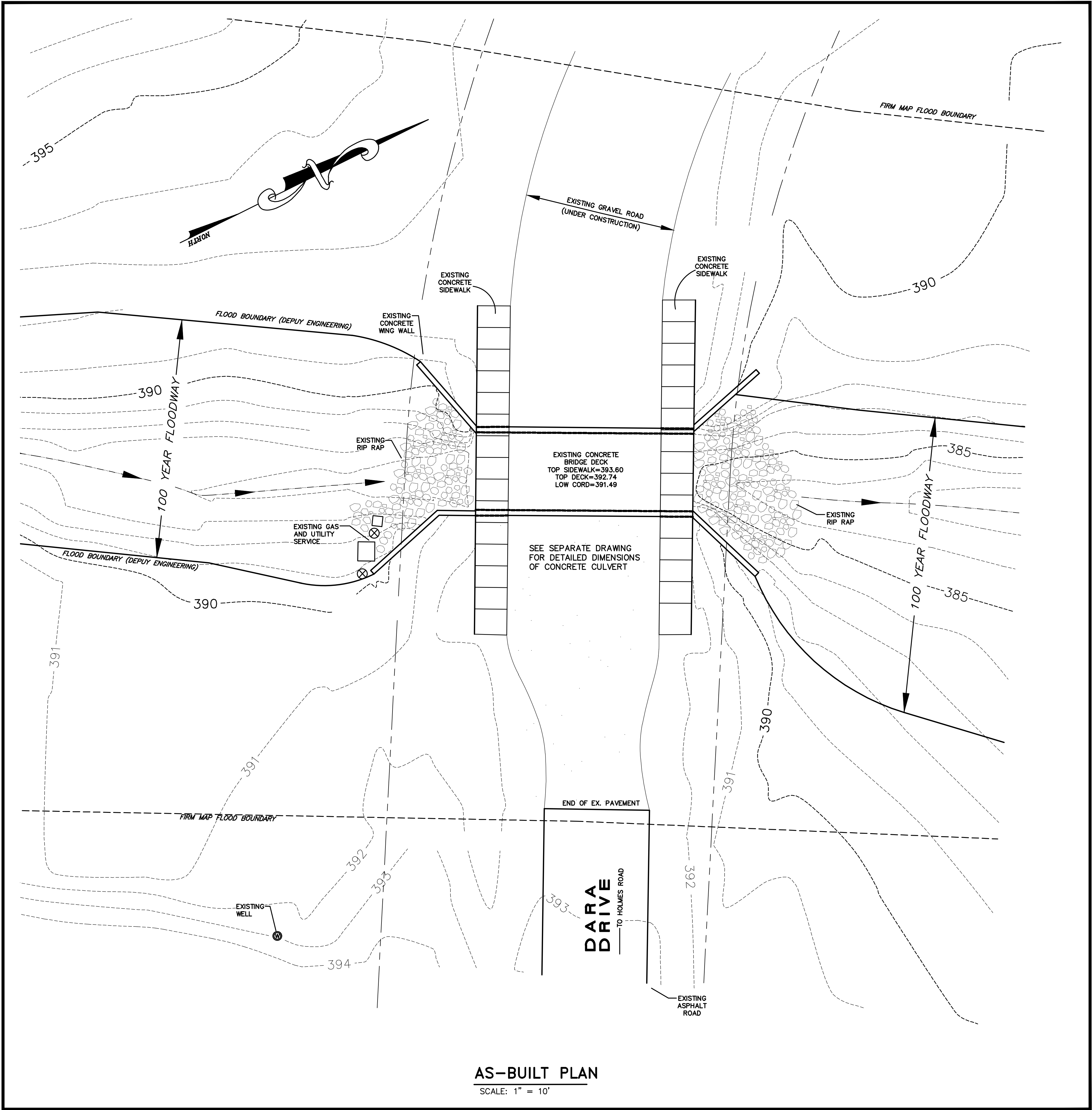
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RESERVED FOR APPROVAL

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|-----|----------|--|-----|
| NO. | DATE     | REVISIONS  | BY  |
| 3   | 11/28/07 | REVIEW COMMENT LETTER DATED 10/27/07   | MAP |
| 2   | 09/06/07 | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG | MAP |
| 1   | 2/21/07  | PB REVIEW COMMENTS   | DJW |

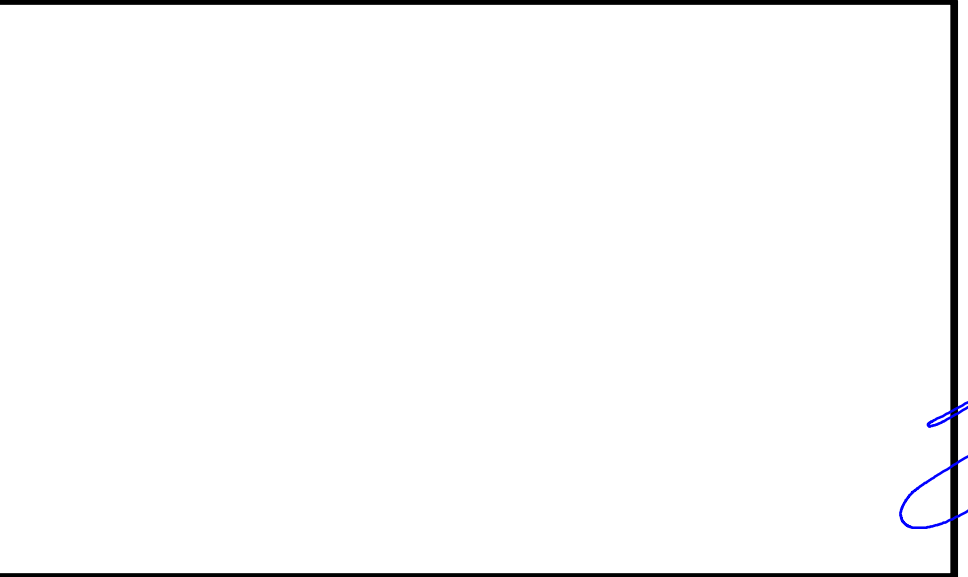
|   |                                     |               |                         |
|---|-------------------------------------|---------------|-------------------------|
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.                   | JOB NO. 02025L5<br>FILE: 02025L5-17 | SCALE: N.T.S. | DATE: JUNE 28, 2006     |
| <b>AGRICULTURAL SOIL MANAGEMENT PLAN AND NOTES</b>  |                                     |               |                         |
| PROJECT: <b>LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3</b><br>TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK                    |                                     |               |                         |
| <b>T. M. DEPUY</b><br>ENGINEERING & LAND SURVEYING, P.C.<br>2856 ROUTE 302, MIDDLETOWN, NY 10941<br>PHONE: (845) 361-5421 FAX: (845) 361-5229 |                                     |               | DWG. <b>18</b><br>OF 20 |



**AS-BUILT PLAN**  
SCALE: 1" = 10'

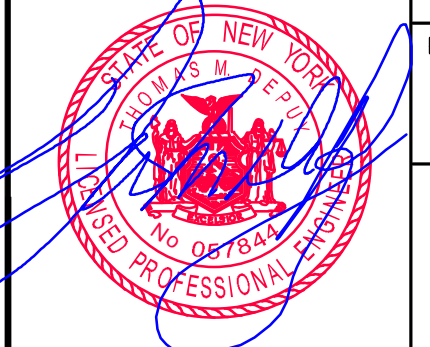
THIS PLAN IS NOT REVIEWED  
OR APPROVED BY THE  
ORANGE COUNTY HEALTH DEPT.

RESERVED FOR APPROVAL



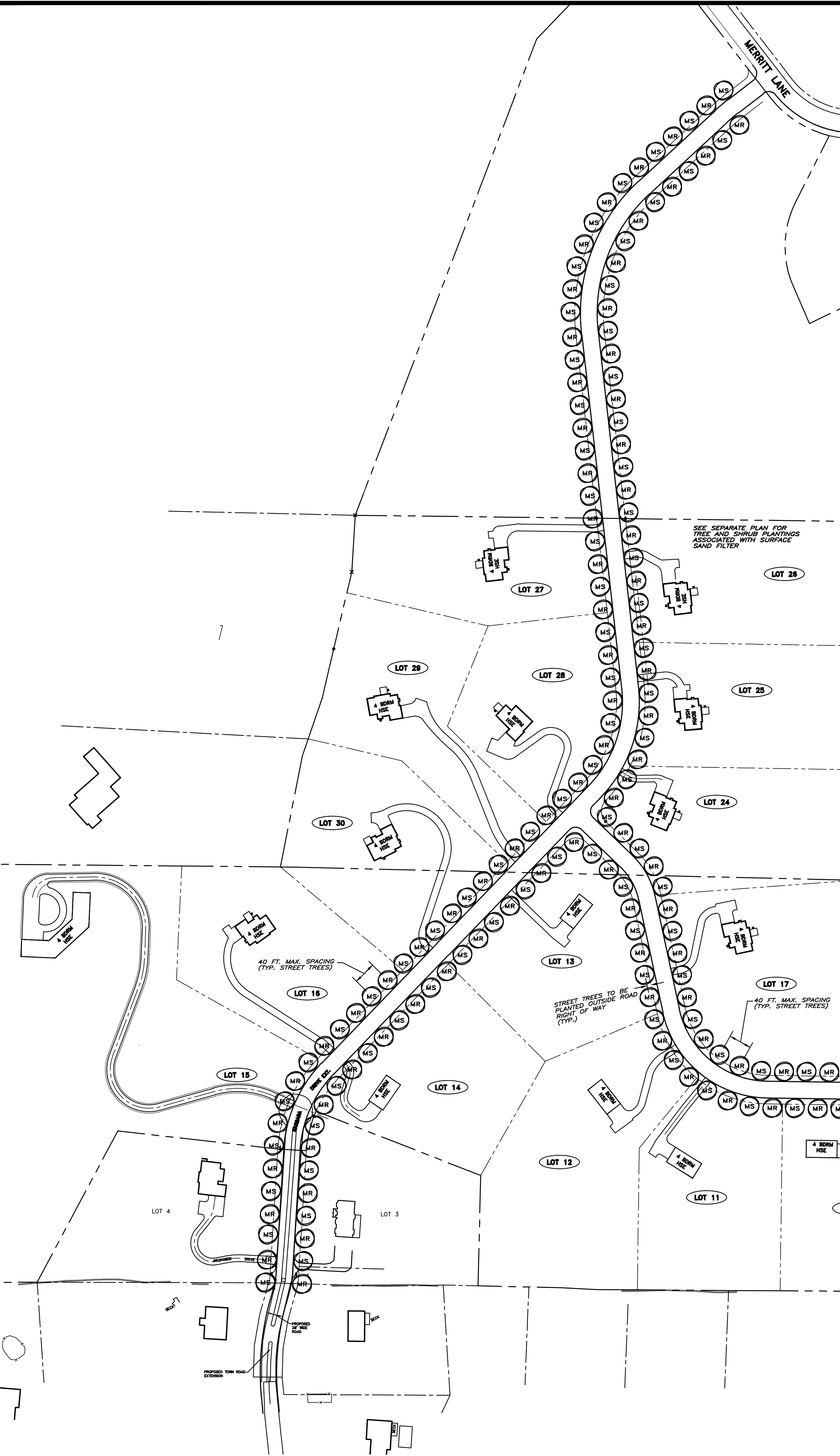
THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS  
INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM  
THIS SET.

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|---|----------|---|---|
| 4   | 2/18/08  | LABEL NOT FOR OCHD REVIEW   | DJW   |
| 3   | 11/28/07 | REVIEW COMMENT LETTER DATED 10/27/07  | MAP   |
| 2   | 09/06/07 | PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG  | MAP   |
| 1   | 07/09/07 | ADDITIONAL DETAILS PER TOWN OF NEWBURGH ENGINEERS   | BJD   |
| NO.   | DATE     | REVISIONS   | BY  |
| UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW. |          | JOB NO. 02025L5<br>FILE: 02025L5-19-20  | SCALE: 1" = 10'   |
|   |          | TITLE: <b>AS BUILT PLAN - CONCRETE CULVERT</b>  | DATE: JULY 2, 2007  |
|   |          | PROJECT: <b>LONGVIEW FARM SUBDIVISION<br/>SECTION 1, SECTION 2, AND SECTION 3</b><br>TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK                |   |
|   |          | <b>T. M. DEPUY</b><br>ENGINEERING & LAND SURVEYING, P.C.<br>2856 ROUTE 302, MIDDLETOWN, NY 10941<br>PHONE: (845) 361-5421 FAX: (845) 361-5229 | CULVERT AS-BUILT DWG. OF 2<br>DWC. OF 2<br><b>19</b><br>OF 20 |



10/17/2002 - REVIVE PROJECT





**LANDSCAPE NOTES**

1. NEW PLANT MATERIALS SHOWN ON THESE PLANS SHALL CONFORM TO THE GUIDELINES SET FORTH IN THE LATEST EDITION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARD FOR NURSERY STOCK.
2. NEW PLANT MATERIAL SHALL BE WARRANTED FOR A PERIOD OF TWO (2) YEARS AFTER FINAL ACCEPTANCE OF PROJECT PLANTING. REPLACE PLANTS THAT ARE MORE THAN 25% DEAD OR DYING, PLANTS THAT DID NOT DEVELOP FROM PLANT STOCK, PLANTS THAT APPEAR UNHEALTHY OR UNSIGHTLY AND/OR HAVE LOST THEIR NATURAL SHAPE DUE TO DEAD BRANCHES, AND PLANTS THAT ARE MISSING FROM THE APPROVED SITE PLAN DRAWING. REPLACE ANY PROPOSED TREE THAT LOST ITS MAIN LEADER.
3. PURSUANT TO THE SUBDIVISION PLAN APPROVAL, THE TOWN OF NEWBURGH SHALL INSPECT THE PLANT MATERIAL SHOWN EVERY GROWING SEASON DURING THE WARRANTY PERIOD. THE TOWN'S LANDSCAPE ARCHITECTURAL CONSULTANT SHALL CONDUCT INSPECTIONS AND SHALL PROVIDE THE PROPERTY OWNER WITH A REPORT OF PLANTS THAT NEED REPLACEMENT. PLANTS SO NOTED SHALL BE REPLACED WITHIN TWO (2) MONTHS OF RECEIPT OF THE INSPECTION REPORT, OR WITHIN TWO (2) MONTHS OF THE START OF THE NEXT GROWING SEASON.
4. LANDSCAPER/CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE LOCATION OF MECHANICAL EQUIPMENT, UNDERGROUND AND ABOVE GROUND UTILITIES THAT WILL BE PRESENT WHEN PLANTING WORK IS CONDUCTED. CONFLICTS WITH THE PLANT LOCATIONS SHALL BE RESOLVED AT THE DIRECTION OF THE ENGINEER.
5. EXISTING VEGETATION AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE TOP SOILED AND SEEDED UPON COMPLETION OF WORK. SEE NOTE NO. 1 UNDER PERMANENT TURF GRASS NOTES.
6. NEW PLANTING BEDS SHALL BE SPREAD WITH A MINIMUM OF 6" OF TOPSOIL, AND A MINIMUM OF 3" OF CHIPPED HARDWOOD MULCH.
7. NEW PLANTING ROOT BALLS REMOVED FROM CONTAINERS SHALL BE SCARIFIED PRIOR TO BACK FILLING THE PLANT.
8. THE LOCATION OF NEW PLANT MATERIAL SHALL BE STAKED OUT BY THE LANDSCAPE CONTRACTOR, AND APPROVED BY THE ENGINEER PRIOR TO PROCEEDING WITH THE INSTALLATION.
9. REFER TO PLANTING DETAIL, PLANTING SCHEDULE AND LANDSCAPE NOTES FOR INSTALLATION OF NEW TREES AND SHRUBS.
10. FOR PLANTING OPERATION, STANDARDS AND MATERIALS, SEE SPECIFICATIONS.

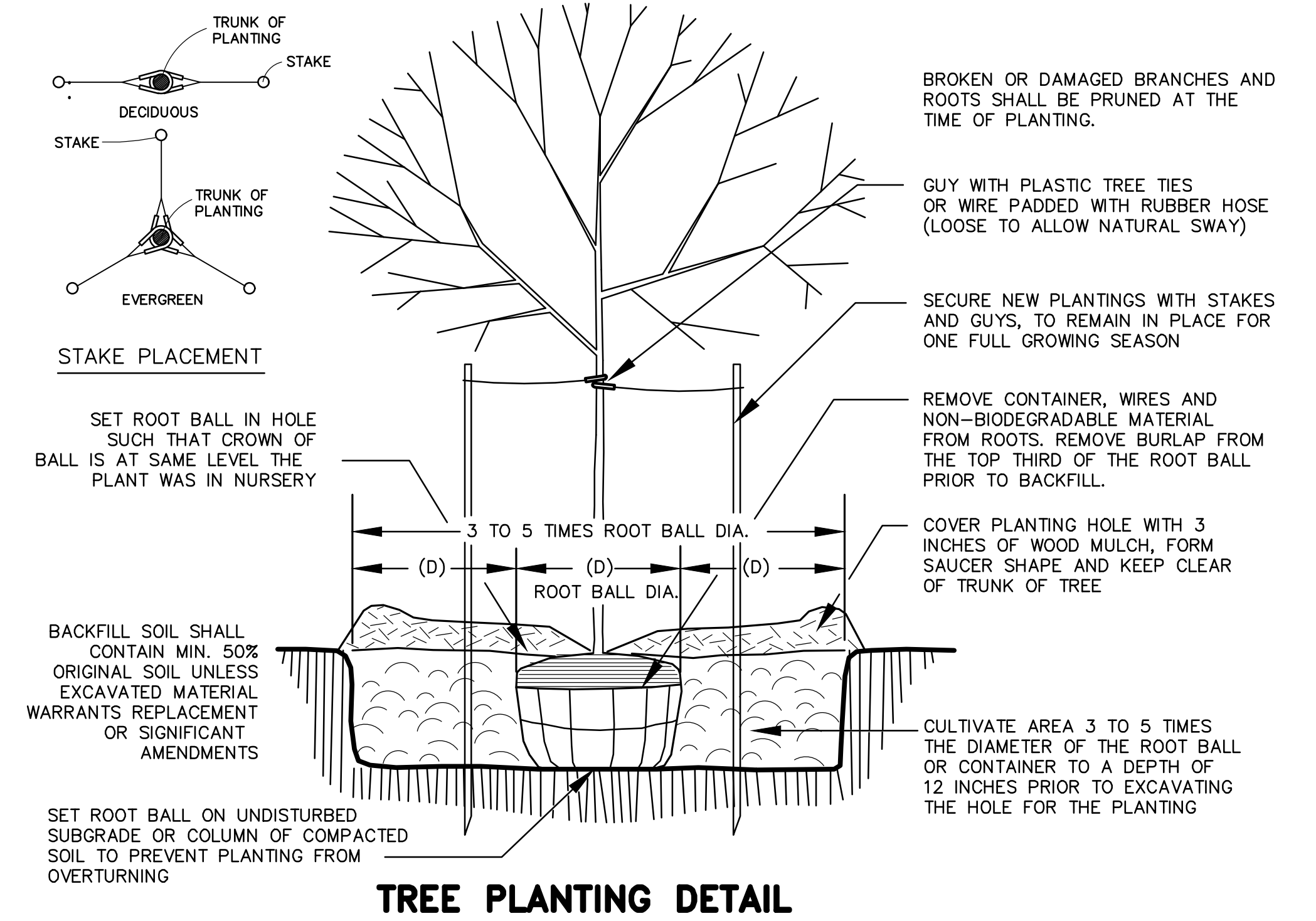
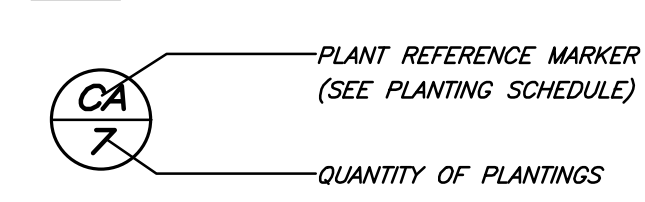
**PLANTING TABLE**

| TREES & SHRUBS | SPRING PLANTING   | FALL PLANTING     |
|----------------|-------------------|-------------------|
| Evergreen      | April 1 - June 30 | Sept. 1 - Oct. 15 |
| Deciduous      | March 1 - June 30 | Oct. 1 - Dec. 1   |

**PERMANENT TURF GRASS SCHEDULE**

1. AREAS OF THE PROJECT SITE THAT ARE DISTURBED BY CONSTRUCTION ACTIVITY, AND ARE NOT SCHEDULED TO RECEIVE ANY OTHER FINISH (ASPHALT OR CONCRETE, LOOSE STONE, SHRUBS OR TREES, ETC.) SHALL BE PLANTED WITH TURF GRASS.
2. TURF GRASS AREA SURFACES SHALL BE FINE GRADED PRIOR TO THE APPLICATION OF TOPSOIL. TOPSOIL SHALL BE A SANDY LOAM, FREE OF REFUSE AND ANY MATERIAL TOXIC TO PLANT GROWTH. TOPSOIL SHALL BE SPREAD TO A CONSOLIDATED UNIFORM THICKNESS OF FOUR INCHES (4").
3. TOPSOIL SURFACE SHALL BE FINISH GRADED AND LOOSENED BY MECHANICAL RAKES TO ENSURE SEED TO SOIL CONTACT AND ELIMINATE IRREGULARITIES IN GRADE THAT HOLD WATER.
4. FERTILIZER SHALL BE 5-10-10 COMMERCIAL FERTILIZER, AND IS TO BE UNIFORMLY SPREAD OVER PREPARED TOPSOIL AT THE RATE OF ±18 LBS. PER 1000 S.F. (800 LBS PER ACRE).
5. TURF GRASS SEED MIX SHALL BE CERTIFIED AND LABELED IN ACCORDANCE WITH THE PROVISIONS OF THE NEW YORK STATE AGRICULTURE AND MARKET'S LAW. TURF GRASS SEED MIX UNIFORMLY APPLIED AT THE RATE OF ±5 LBS PER 1000 S.F. (200 LBS PER ACRE) AND SHALL CONSIST OF THE FOLLOWING:  
 60% KENTUCKY BLUE GRASS  
 20% PERENNIAL RYE GRASS  
 20% CHEWINGS FESCUE  
 LESS THAN 1% WEED SEED

**KEY**



**PLANTING SCHEDULE**

**PHASE I**

| SYMBOL | QTY | COMMON NAME | BOTANICAL NAME | SIZE/CALIPER      | REMARKS                 |
|--------|-----|-------------|----------------|-------------------|-------------------------|
| MS     | 140 | SUGAR MAPLE | ACER SACCHARUM | 2 1/2' TO 3' HGT. | (B & B), SPACE 40' O.C. |
| MR     | 139 | RED MAPLE   | ACER RUBRUM    | 2 1/2' TO 3' HGT. | (B & B), SPACE 40' O.C. |

**TREE PLANTING PLAN**

SCALE: 1" = 100 FT

THIS PLAN IS NOT REVIEWED OR APPROVED BY THE ORANGE COUNTY HEALTH DEPT.

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RESERVED FOR APPROVAL

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| 1   | 2/21/07  | PB REVIEW COMMENTS   | DJW |

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JOB NO. 02025L5  
02025L5TP1

SCALE: AS NOTED

DATE: JUNE 28, 2006

**TREE PLANTING PLAN**

PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

**T. M. DEPUY**  
ENGINEERING & LAND SURVEYING, P.C.  
2856 ROUTE 302, MIDDLETOWN, NY 10941  
PHONE: (845) 361-5421 FAX: (845) 361-5229

DWG. **TP1**  
OF 1