



**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:** 24 FEBRUARY 2023  
**MEETING DATE:** 2 MARCH 2023  
**PROJECT REPRESENTATIVE:** T.M. DEPUY ENGINEERING & LAND SURVEYING, PC

1. Compliance with the Tree Preservation Ordinance is required.
2. A notice of intent for Lead Agency for review of the project was circulated on 30 January 2023. As of the 2 March 2023 meeting, the 30 day time from for anyone objecting to the Planning Board being Lead Agency will have passed.
3. The Planning Board should consider a revised SEQRA determination either re affirming its previous Negative Declaration or another course of action should the Board feel significant environmental issues may exist. A review of the site does not identify any significant changes in the environmental conditions over the original Negative Declaration. Most importantly, the area is not identified as having potential habitat for protective bat species.
4. Planning Board should discuss whether a new Public Hearing should be held.
5. This following is a list of potential conditions of approval:
  - Orange County Department of Health approval realty subdivision.
  - Notice of Intent for stormwater discharge is associated with construction activity.
  - No Building Permit shall be issued until the existing box culvert has been satisfactorily repaired/reconstructed in accordance with Town street specifications and existing utilities passing through the box culvert have been removed.
  - Security for landscaping-street trees.
  - Approval of the Drainage District by the Town Board.
  - Confirmation that road names have been approved by the Town Board
  - Compliance with the soil management plan which is exclusively under the jurisdiction of the Department of Health. No Certificate of Occupancy shall be issued for any lot however, without a written certification in compliance with the approved soils management plan for each lot.
  - A Floodplain Development Permit.

**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

- Compliance with architectural review greater than 10 lots.
- Stormwater Improvement Security and inspection fees.
- Town Road Security and inspection fees.
- Offers of Dedication for all proposed roadways and Drainage District lots.
- Payment and Recreation Fees.

Respectfully submitted,

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

A handwritten signature in blue ink that reads "Patrick J. Hines". The signature is written in a cursive style with a large initial 'P'.

Patrick J. Hines  
Principal

PJH/ltn







**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.

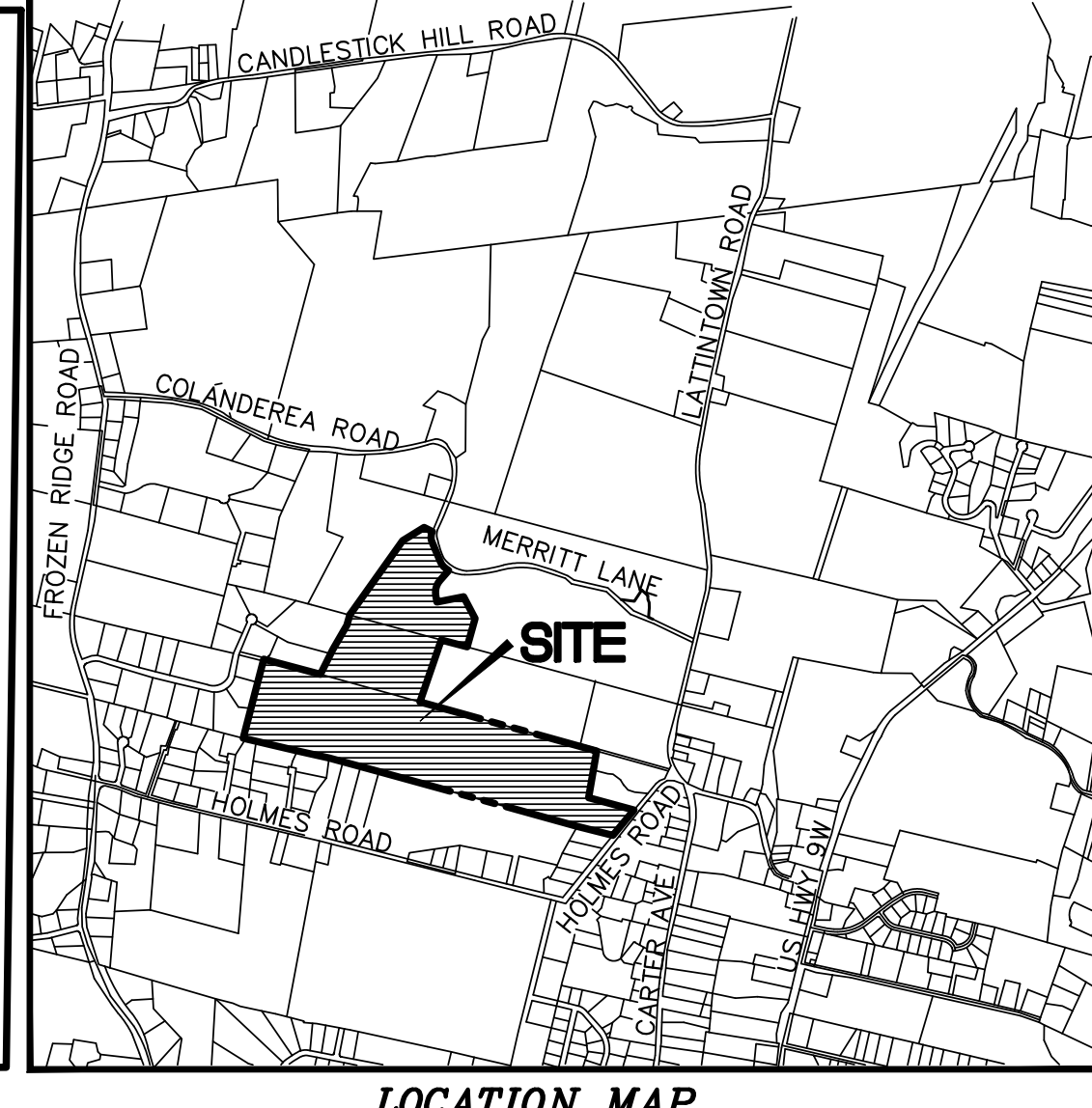
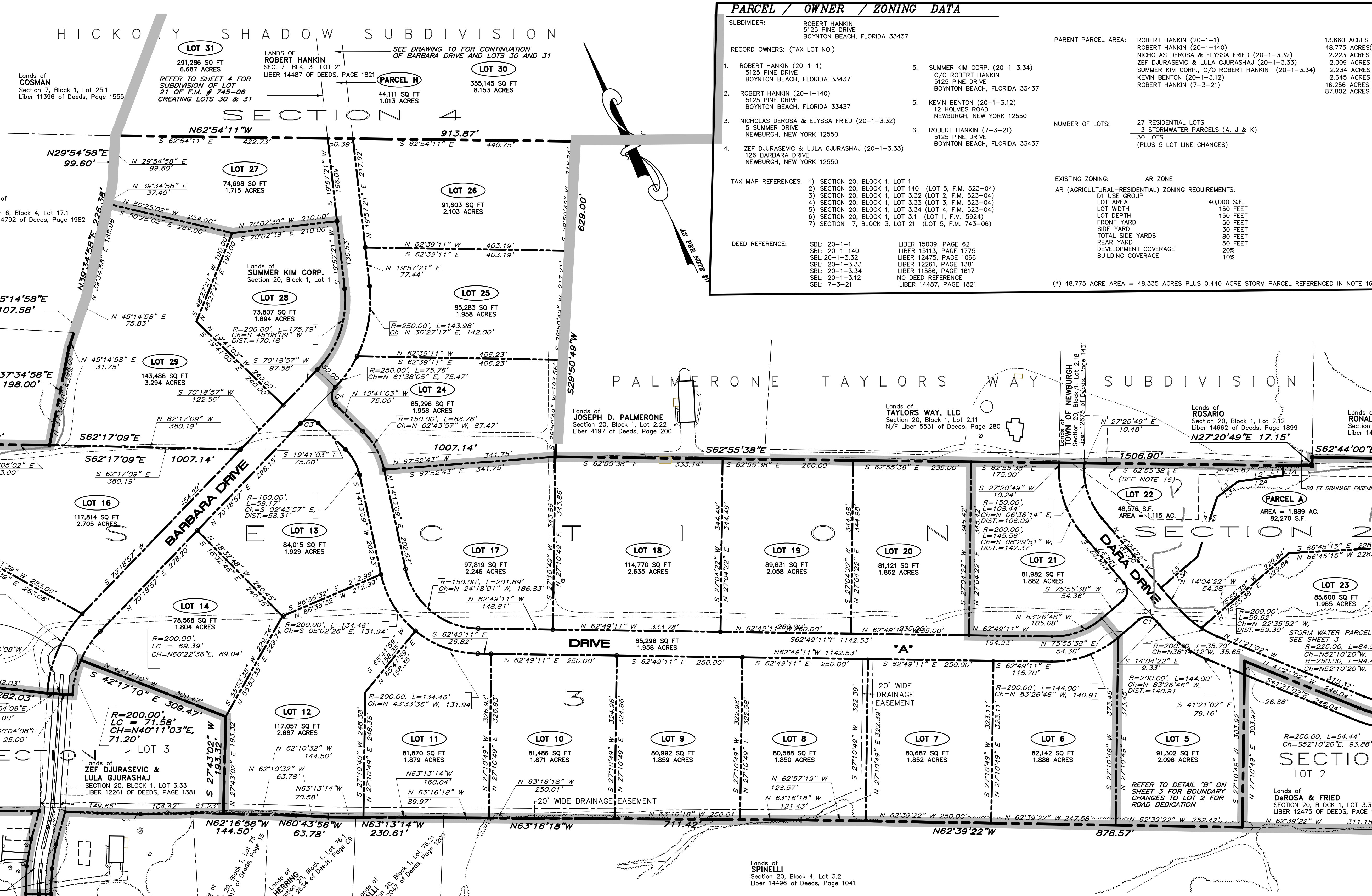
**SANITARY SEWERAGE SYSTEM NOTE**

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 SURPRETTIOUS 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**

SUBDIVIDER: ROBERT HANKIN 5125 PINE DRIVE BOYNTON BEACH, FLORIDA 33437	RECORD OWNERS: (TAX LOT NO.) 1. ROBERT HANKIN (20-1-1) 5125 PINE DRIVE BOYNTON BEACH, FLORIDA 33437 44,111 SQ FT 1,013 ACRES 2. ROBERT HANKIN (20-1-140) 5125 PINE DRIVE BOYNTON BEACH, FLORIDA 33437 44,111 SQ FT 1,013 ACRES 3. NICHOLAS DEROSA & ELYSSA FRIED (20-1-332) 5 SUMMER DRIVE NEWBURGH, NEW YORK 12550 4. ZEF DJURASEVIC & LULA GURASHAJ (20-1-333) 126 BARBARA DRIVE NEWBURGH, NEW YORK 12550	PARENT PARCEL AREA: ROBERT HANKIN (20-1-1) ROBERT HANKIN (20-1-140) NICHOLAS DEROSA & ELYSSA FRIED (20-1-332) ZEF DJURASEVIC & LULA GURASHAJ (20-1-333) SUMMER KIM CORP., C/O ROBERT HANKIN KEVIN BENTON (20-1-312) ROBERT HANKIN (7-3-21)	13,660 ACRES 48,775 ACRES 2,223 ACRES 2,009 ACRES 2,234 ACRES 2,845 ACRES 16,256 ACRES 87,802 ACRES
NUMBER OF LOTS: 27 RESIDENTIAL LOTS 3 STORMWATER PARCELS (A, J & K) (PLUS 5 LOT LINE CHANGES)	EXISTING ZONING: AR ZONE	AR (AGRICULTURAL-RESIDENTIAL) ZONING REQUIREMENTS: LOT AREA 40,000 S.F. LOT WIDTH 150 FEET LOT DEPTH 150 FEET FRONT YARD 50 FEET SIDE YARD 30 FEET TOTAL SIDE YARDS 150 FEET REAR YARD 30 FEET DEVELOPMENT COVERAGE 20% 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 332 (LOT 2, F.M. 523-04) 4) SECTION 20, BLOCK 1, LOT 333 (LOT 3, F.M. 523-04) 5) SECTION 20, BLOCK 1, LOT 334 (LOT 4, F.M. 523-04) 6) SECTION 20, BLOCK 1, LOT 335 (LOT 5, F.M. 523-04) 7) SECTION 7, BLOCK 3, LOT 21 (LOT 5, F.M. 743-06)	DEED REFERENCE: SBL: 20-1-1 SBL: 20-1-140 SBL: 20-1-332 SBL: 20-1-333 SBL: 20-1-334 SBL: 20-1-312 SBL: 7-3-21	LIBER 15009, PAGE 62 LIBER 15113, PAGE 1775 LIBER 12475, PAGE 1066 LIBER 12481, PAGE 1381 LIBER 11586, PAGE 1917 NO DEED REFERENCE LIBER 14487, PAGE 1821	(*) 48,775 ACRES AREA = 48,335 ACRES PLUS 0.440 ACRE STORM PARCEL REFERENCED IN NOTE 16

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

**LOT AREA EXCHANGE**

SECTION	LOT DESCRIPTION	PRESENT LOT AREAS	PROPOSED LOT AREAS	SECTION	LOT DESCRIPTION	PRESENT LOT AREAS	PROPOSED LOT AREAS
SECTION 1	LOT 1 (F.M. # 523-04)	-	-	29	LOT 24	-	1,958 AC
	LOT 2 (F.M. # 523-04)	2,223 AC	1,772 AC	30	LOT 25	-	1,958 AC
	LOT 3 (F.M. # 523-04)	2,009 AC	1,784 AC	31	LOT 26	-	2,103 AC
	LOT 4 (F.M. # 523-04)	2,234 AC	1,997 AC	32	LOT 27	-	1,715 AC
	LOT 5 (F.M. # 523-04 & 843-06)	48,335 AC	2,096 AC	33	LOT 28	-	1,694 AC
	STORMWATER PARCEL (NOTE 16)	0.440 AC	-	34	LOT 29	-	3,294 AC
	HICKORY SHADOW LOT 21	16,256 AC	-	35	LOT 30	-	6,887 AC
	TAX LOT 20-1-1	13,660 AC	-	36	LOT 31	-	6,887 AC
	BENTO (20-1-31)	2,945 AC	-	37	PARCEL A (STORMWATER MANAGEMENT PARCEL)	-	1,889 AC
	LOT 6	-	1,886 AC	38	PARCEL B (TRANSFER TO BENTO)	-	-
	LOT 7	-	1,852 AC	39	PARCEL C-1 (DARA DRIVE PARCEL)	-	0,450 AC
	LOT 8	-	1,850 AC	40	PARCEL C-2 (DARA DRIVE PARCEL)	-	1,087 AC
	LOT 9	-	1,859 AC	41	PARCEL D (BARBARA DRIVE EXT.)	-	0,226 AC
	LOT 10	-	1,871 AC	42	PARCEL E (BARBARA DRIVE EXT.)	-	0,237 AC
	LOT 11	-	1,879 AC	43	PARCEL F (BARBARA DRIVE EXT.)	-	0,730 AC
	LOT 12	-	2,687 AC	44	PARCEL G (BARBARA DRIVE EXT.)	-	0,226 AC
	LOT 13	-	1,929 AC	45	PARCEL H (DRIVE "A")	-	0,156 AC
	LOT 14	-	1,804 AC	46	PARCEL I (DRIVE "A")	-	2,105 AC
	LOT 15	-	6,415 AC	47	PARCEL J (STORMWATER MANAGEMENT PARCEL)	-	0,402 AC
	LOT 16	-	2,705 AC	48	PARCEL K (STORMWATER MANAGEMENT PARCEL)	-	0,055 AC
	LOT 17	-	2,246 AC	49	PARCEL L (BARBARA DRIVE EXT.)	-	0,570 AC
	LOT 18	-	2,635 AC	50	PARCEL M (BARBARA DRIVE EXT.)	-	1,013 AC
	LOT 19	-	2,058 AC	51	SUB-TOTAL	-	36,408 AC
	LOT 20	-	1,862 AC	52	SUB-TOTAL (LINE 28 AT LEFT)	-	51,094 AC
	LOT 21	-	1,882 AC	53	AREA TOTALS	87,802 AC	87,802 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 SEPTEMBER 25, 1987, LAST REVISED FEBRUARY 11, 1988, PREPARED BY MESSINA ASSOCIATES AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON MARCH 18, 1988 AS MAP # 877-0.
- 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 # 892-00.
- 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 # 892-7.
- 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 # 897-8.
- 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 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 # 897-8.
- 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 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 APRIL 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 # 897-7.
- 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 # 892-4.
- BOUNDARY SHOWN WAS OFFERED TO THE TOWN OF NEWBURGH 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 20-1-332, 333, AND 334 FOR ROAD DEDICATION PARCELS OF C, D, AND E DESCRIBED HEREIN.



**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

**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 WATER TREATMENT, 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 OFFICER 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 AN ACCURATE AS-BUILT DRAWING OF EXISTING SANITARY FACILITIES. THE PURCHASER'S DEPARTMENTS OF HEALTH AND ENVIRONMENTAL CONSERVATION SHALL 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**

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

**CROSS GRADING NOTE**

ALL GRADING AND CROSS GRADING BETWEEN LOTS INDICATED ON THIS SUBDIVISION PLAT AND PLANS WILL BE COMPLETED PRIOR TO TRANSFER OF ANY OF THE LOTS.

**OWNERS ENDORSEMENT**

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

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, THEIR SUCCESSORS AND/OR ASSIGNS, OR SUBSEQUENT OWNERS."

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 FURTHER CERTIFY THAT SUCH DESIGN IS BASED ON THE ACTUAL SOIL AND SITE CONDITIONS DETERMINED BY ME AND THE DESIGN LOCATION AT THE TIME OF THE SURVEY.

THOMAS M. DEPUY, LICENSE #049783

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

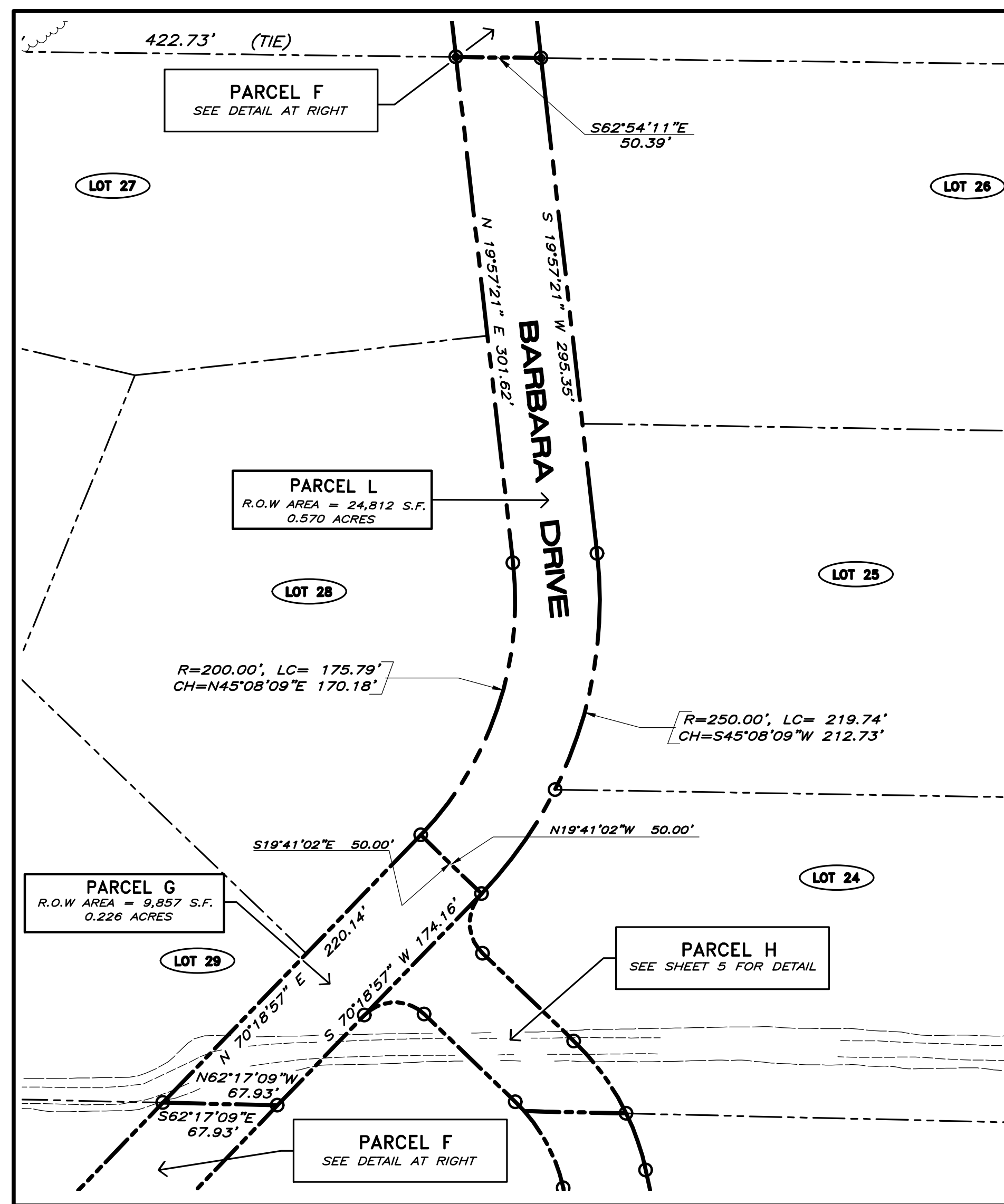
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

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

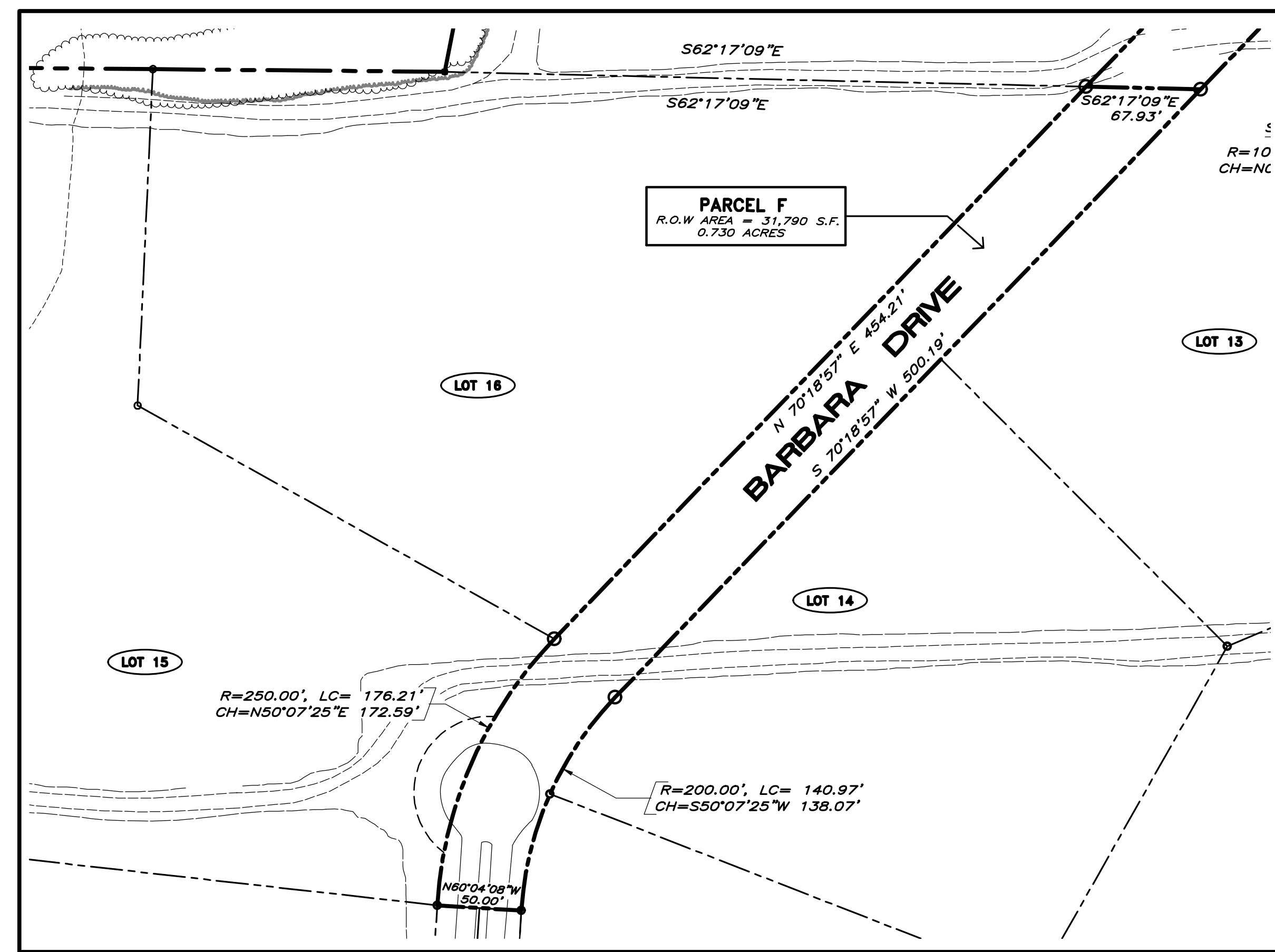
PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

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

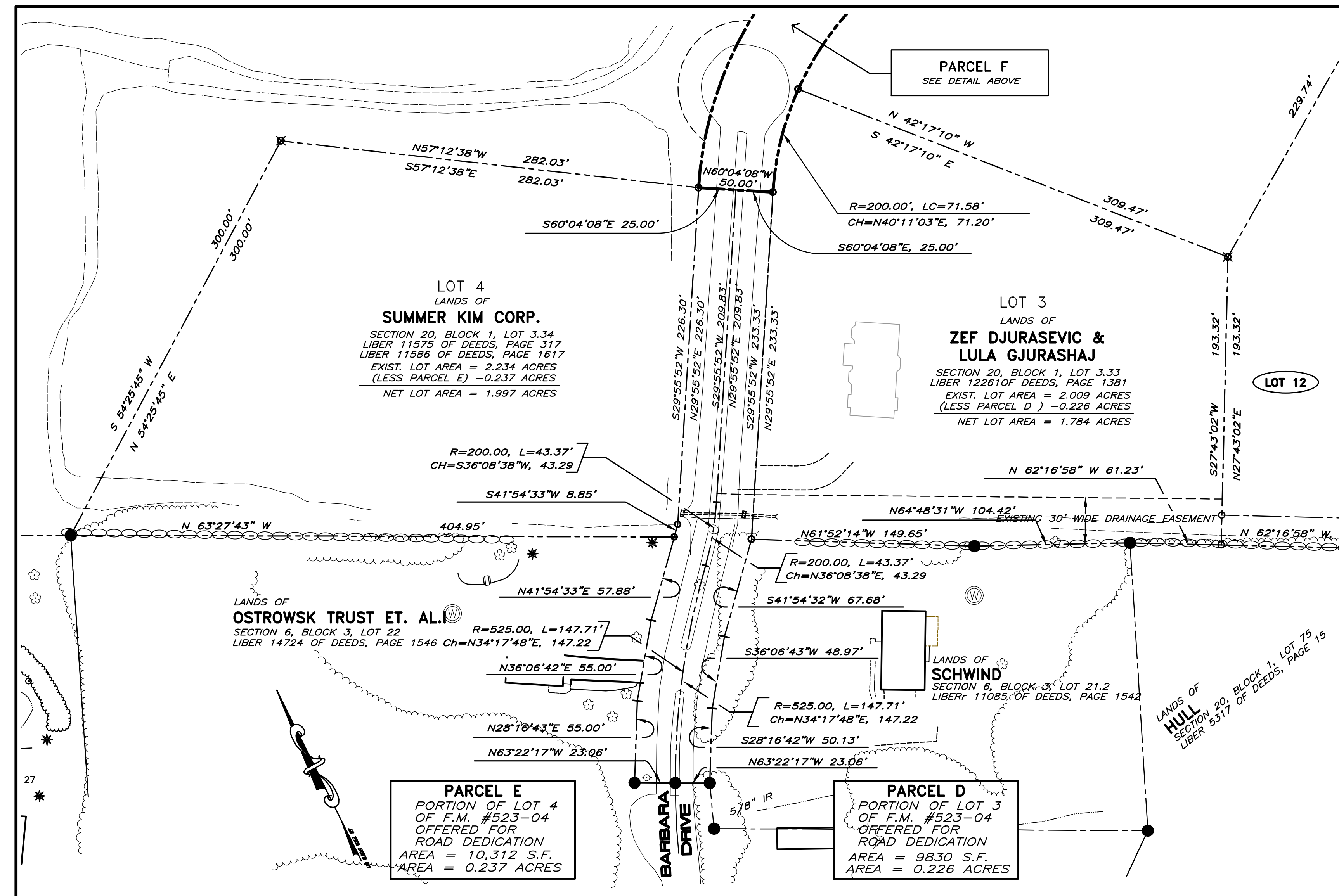




**PARCEL 'G' AND 'L'  
BARBARA DRIVE**  
SCALE: 1" = 60'



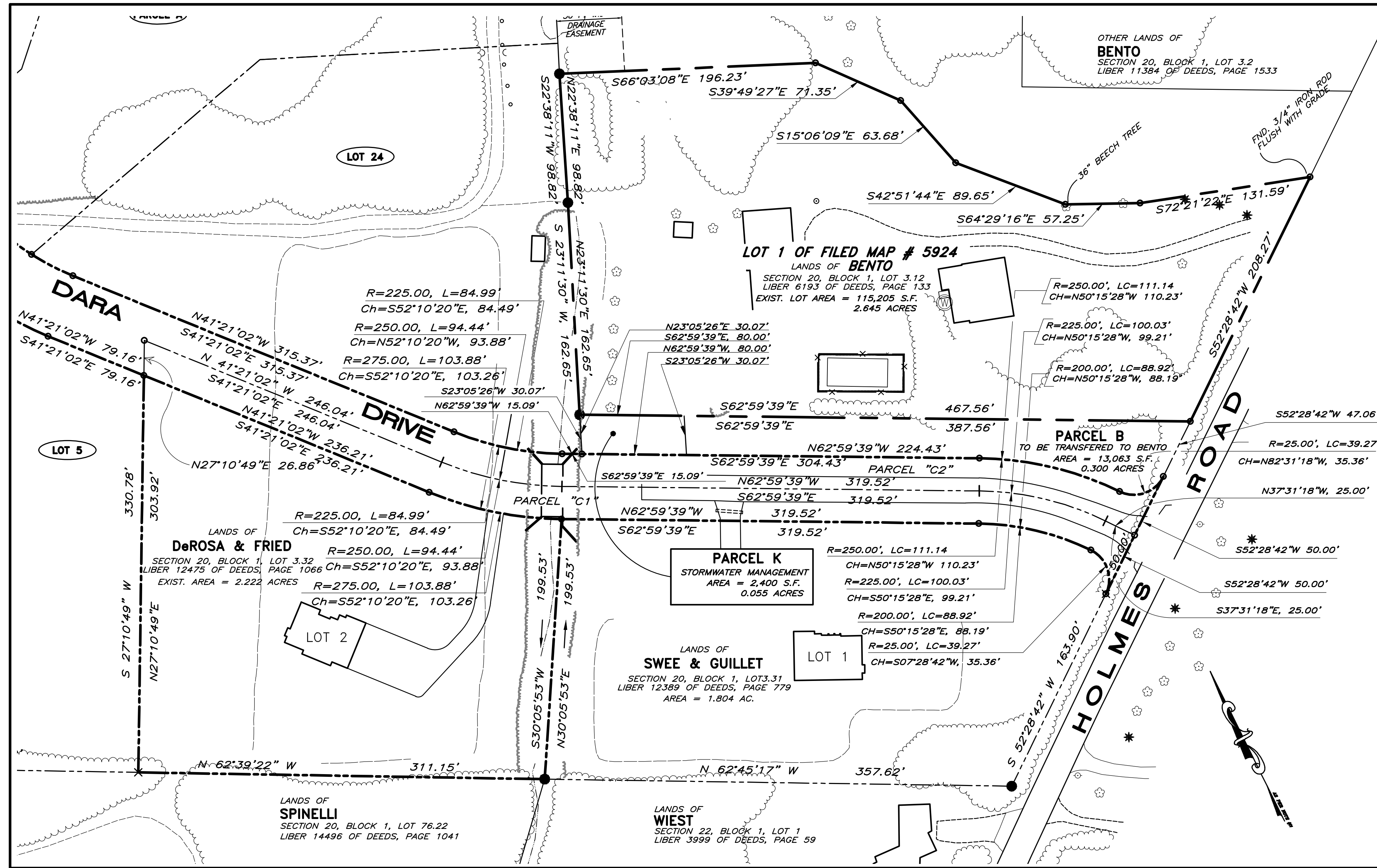
**PARCEL 'F'  
BARBARA DRIVE**  
SCALE: 1" = 60'



**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



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

DATE: 06/28/2006

SCALE: 1" = 50'

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

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

DWG. **3**

OF 20

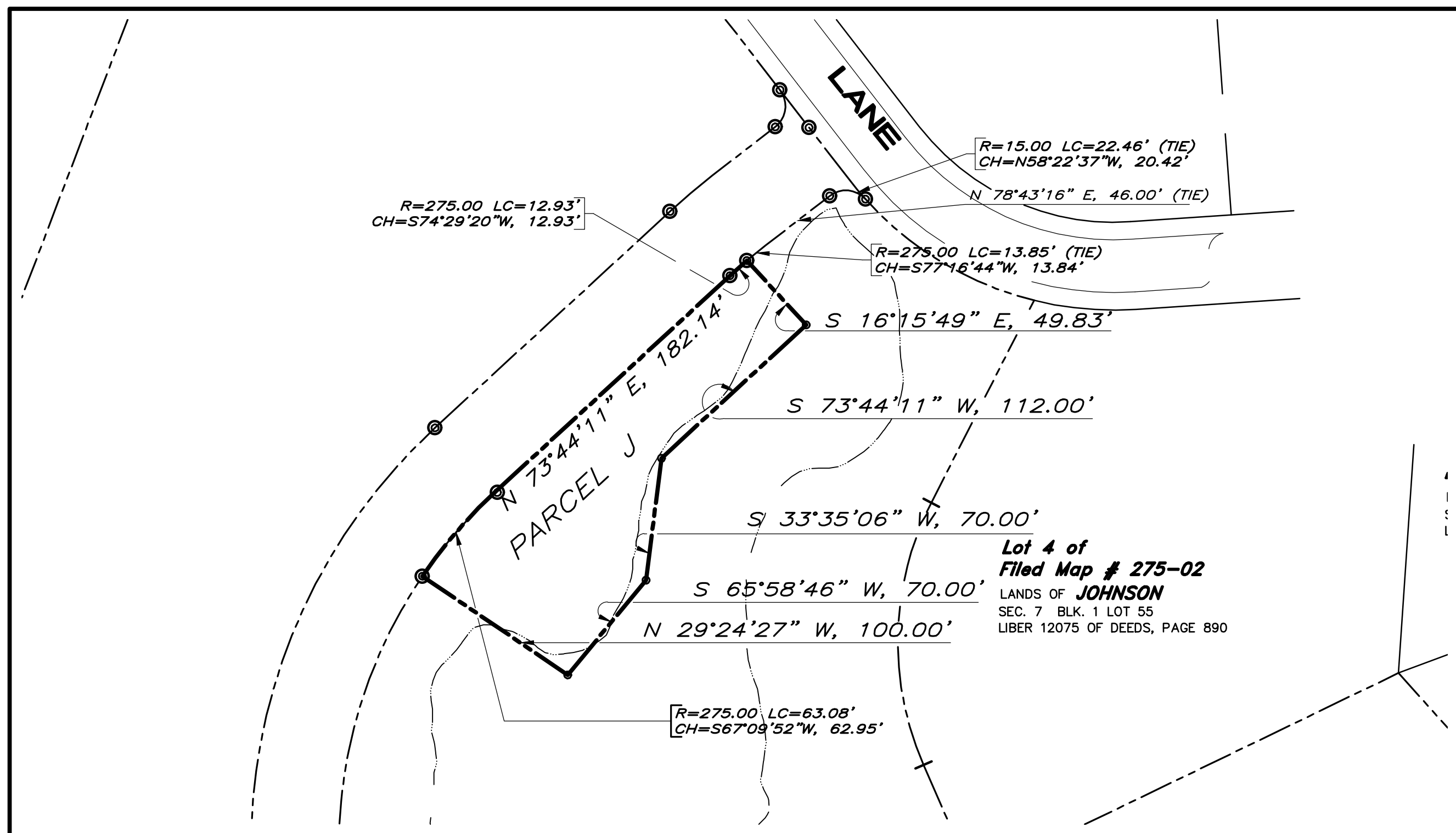
NO.	DATE	REVISIONS	BY
4	07/26/10	RENUMBER LOTS 21A & 21B TO 30 & 31	SMC
3	11/28/07	REVISED SECTION LINES	MAP
2	9/06/07	PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG	MAP
1	2/21/07	ADD KACENSKY PARCEL	T

NO.	DATE	REVISIONS	BY
1	07/26/10	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.	

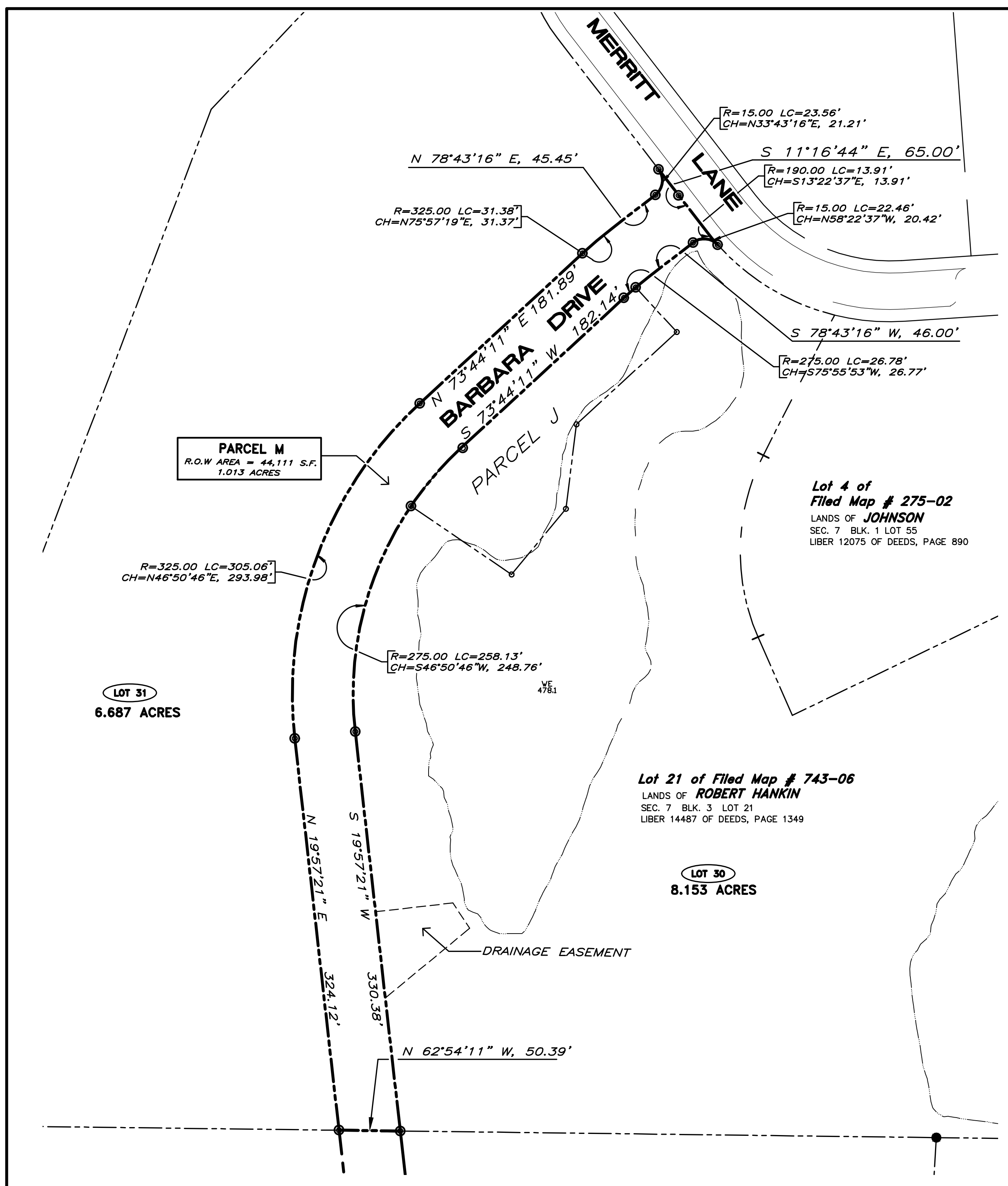
NO.	DATE	REVISIONS	BY
1	07/26/10	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.	

NO.	DATE	REVISIONS	BY
1	07/26/10	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.	

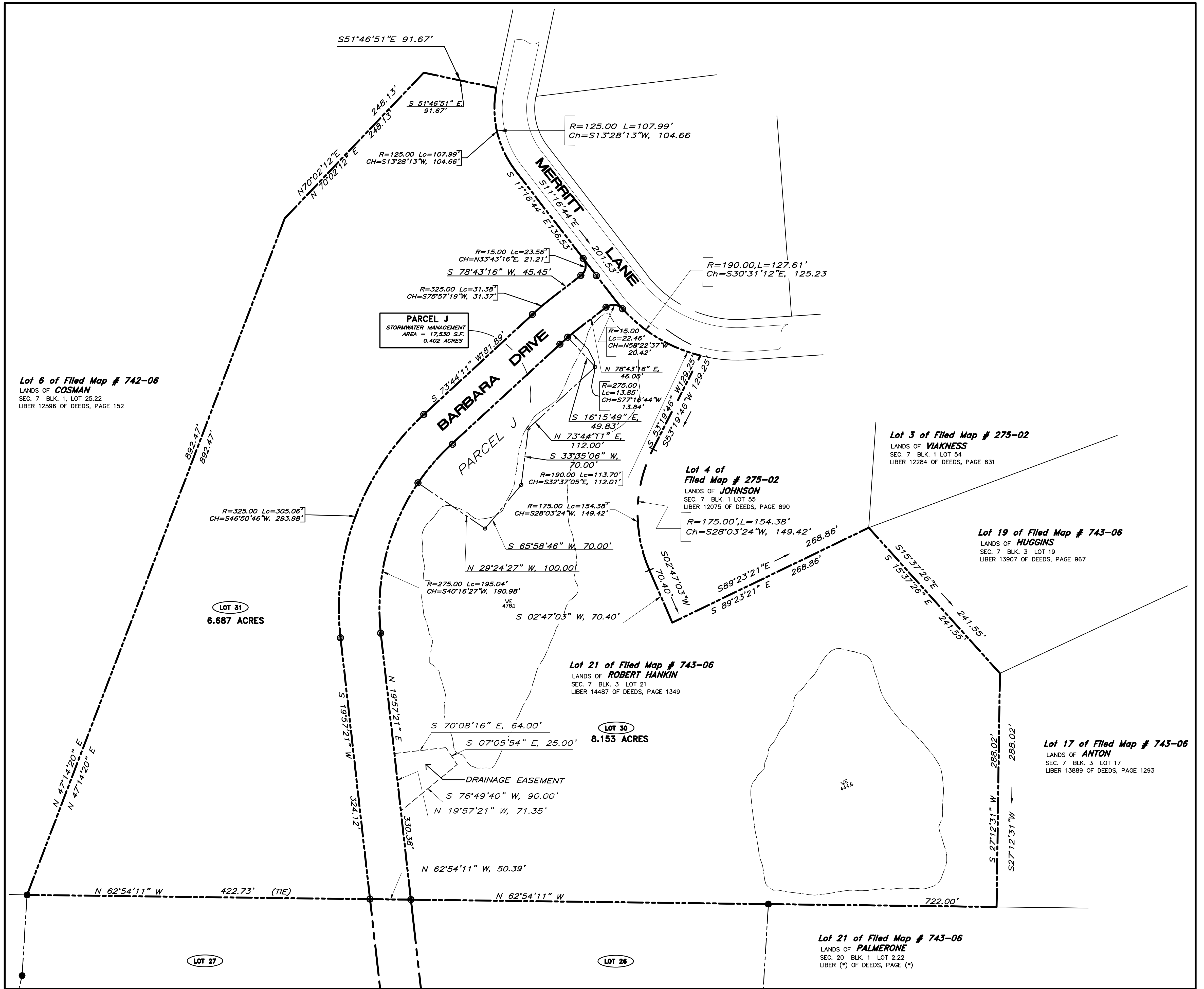




**DETAIL - "C"**  
SCALE: 1" = 60'  
**STORMWATER PARCEL "J"**



**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	9/8/07	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.

PROJECT: **RESUBDIVISION OF LOT 21 OF FILED MAP # 743-06**

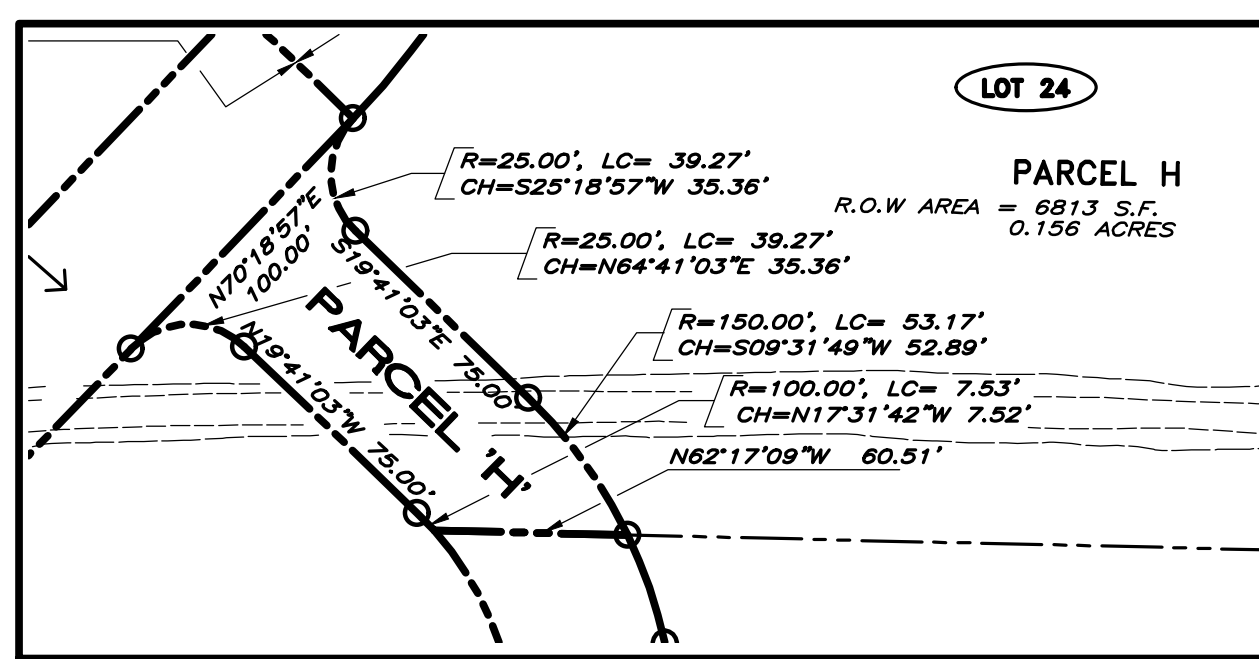
**T. M. DEPUY**  
ENGINEERING & LAND SURVEYING, P.C.  
2856 ROUTE 302, MIDDLETOWN, NY 10941  
PHONE: (845) 361-5421 FAX: (845) 361-5229

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

DWG. **4** OF 20

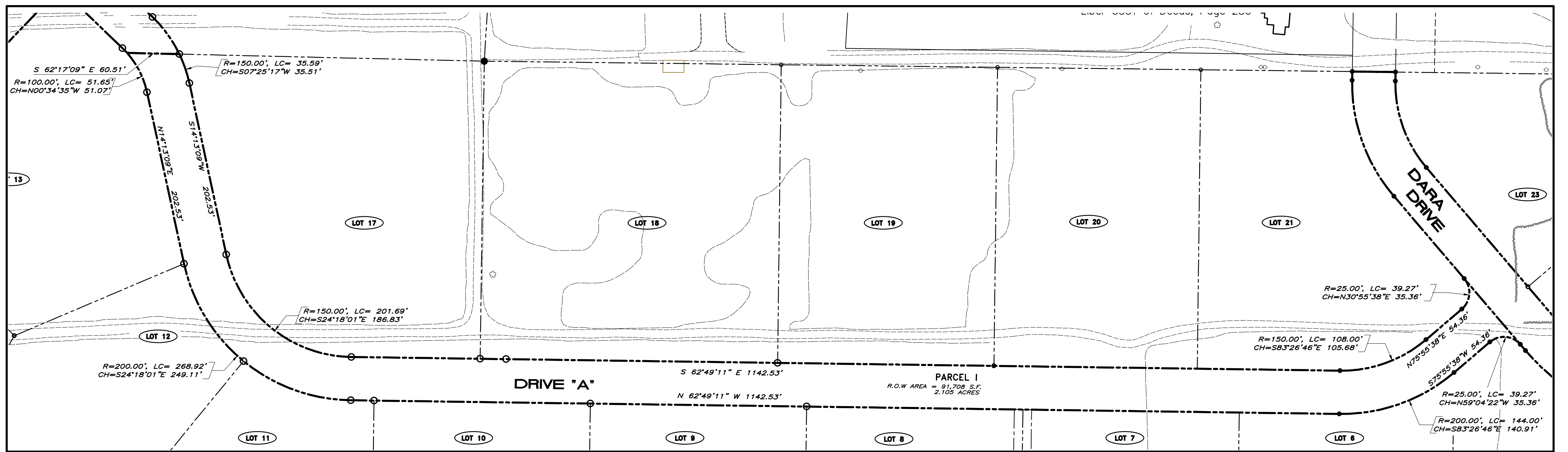
THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.





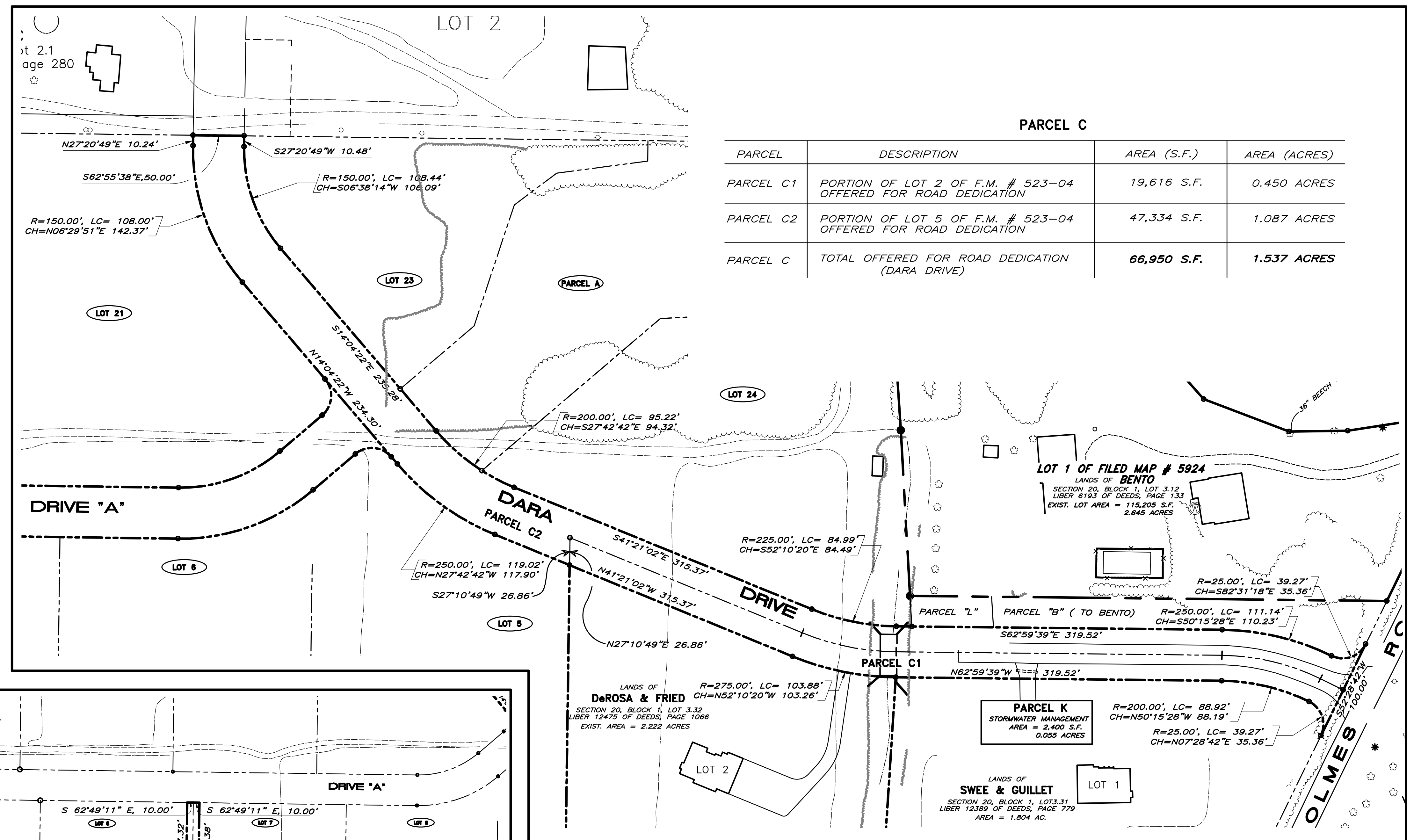
**PARCEL "H"**  
**(DRIVE "A")**

SCALE: 1" = 60'



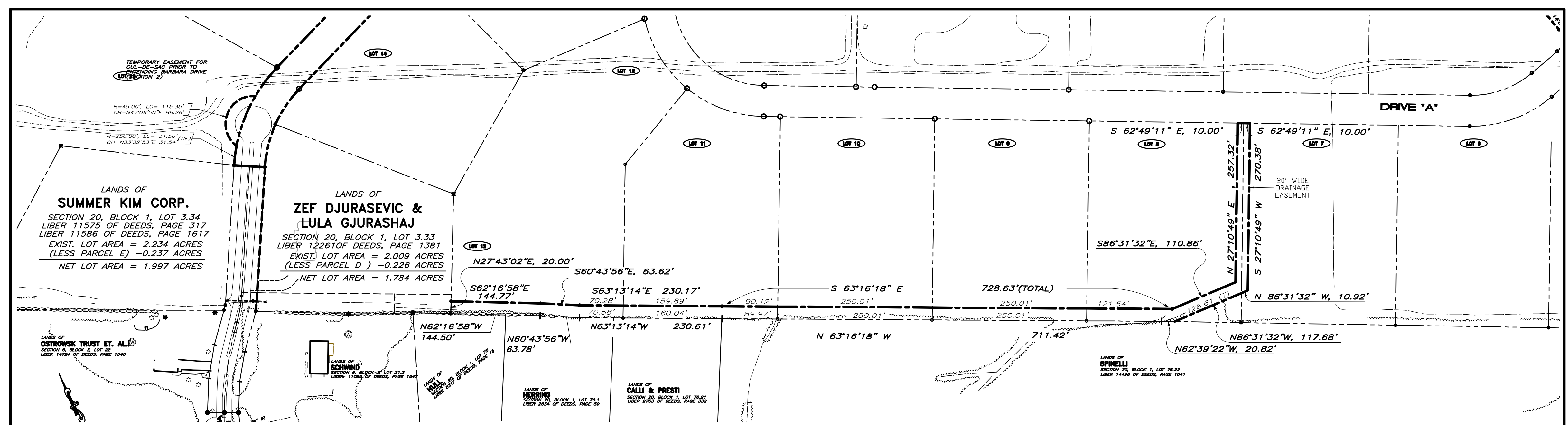
**PARCEL I**  
**(DRIVE "A")**

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
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.

SCALE: AS SHOWN DATE: JUNE 28, 2006

**ROAD DEDICATION PARCELS AND DRAINAGE EASEMENT**

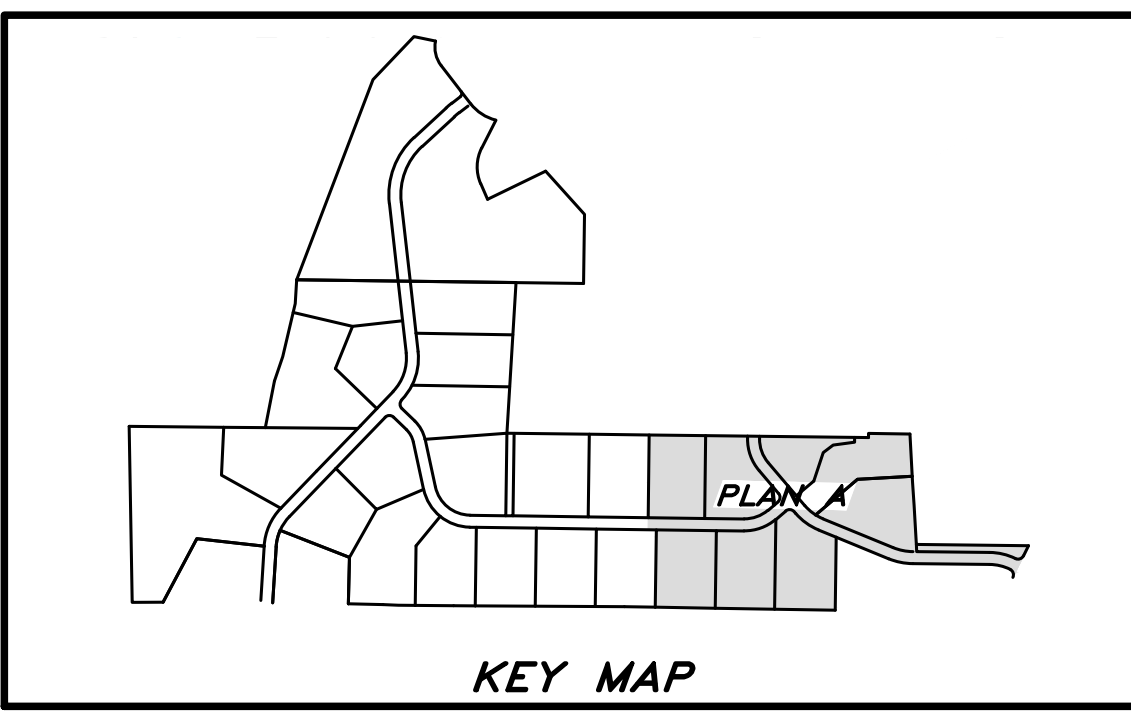
PROJECT: **LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3**  
TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

**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

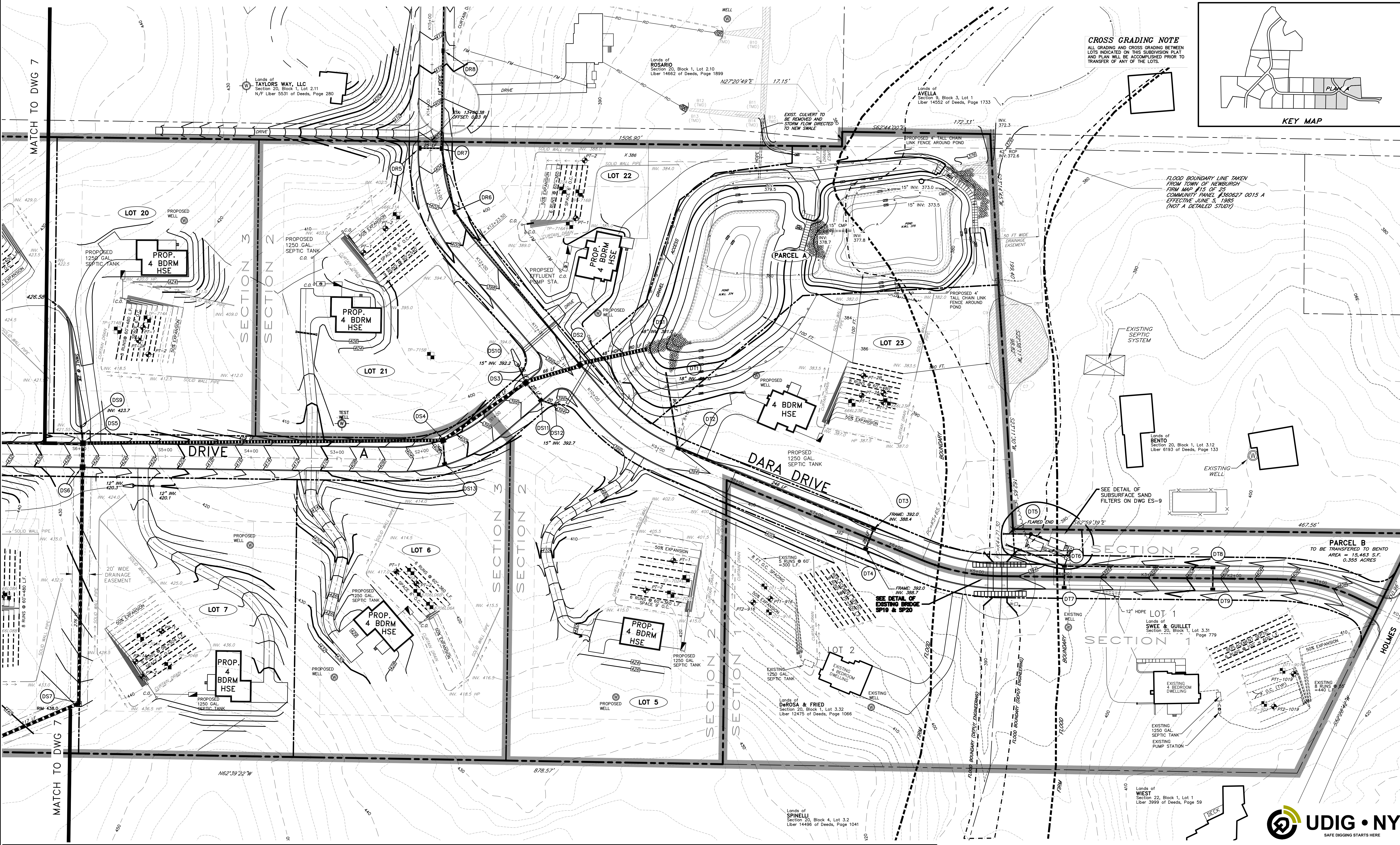
THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.





**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 #20027 0015 A EFFECTIVE JUNE 5, 1985 (NOT A DETAILED STUDY)



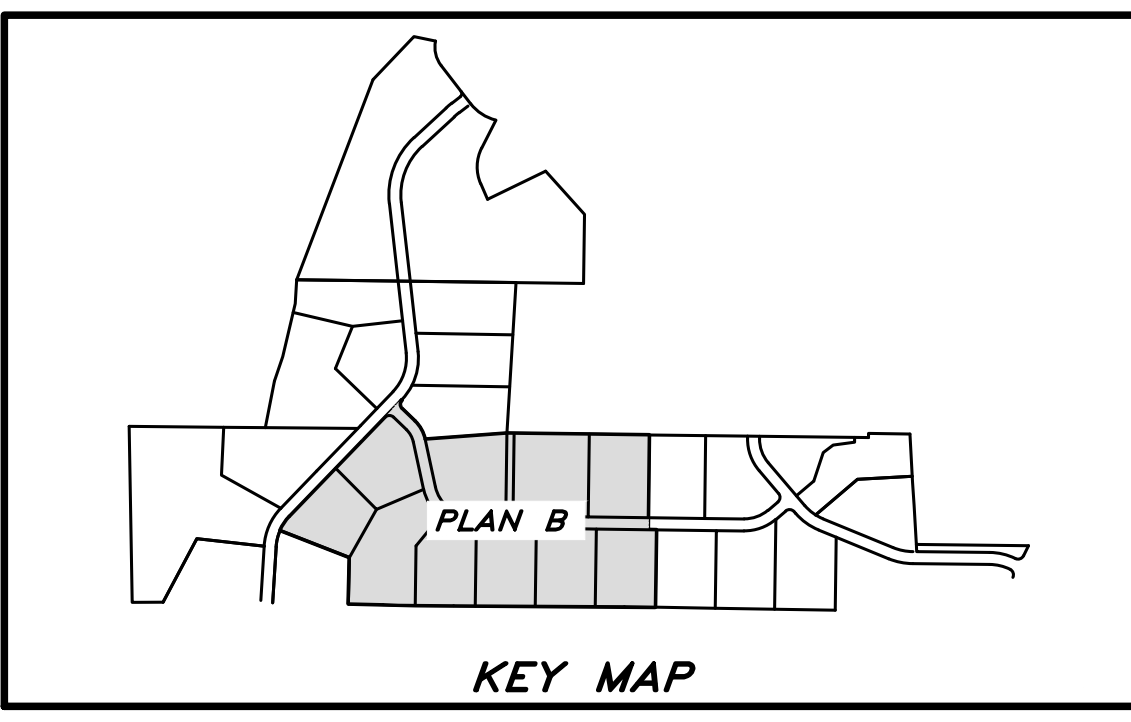
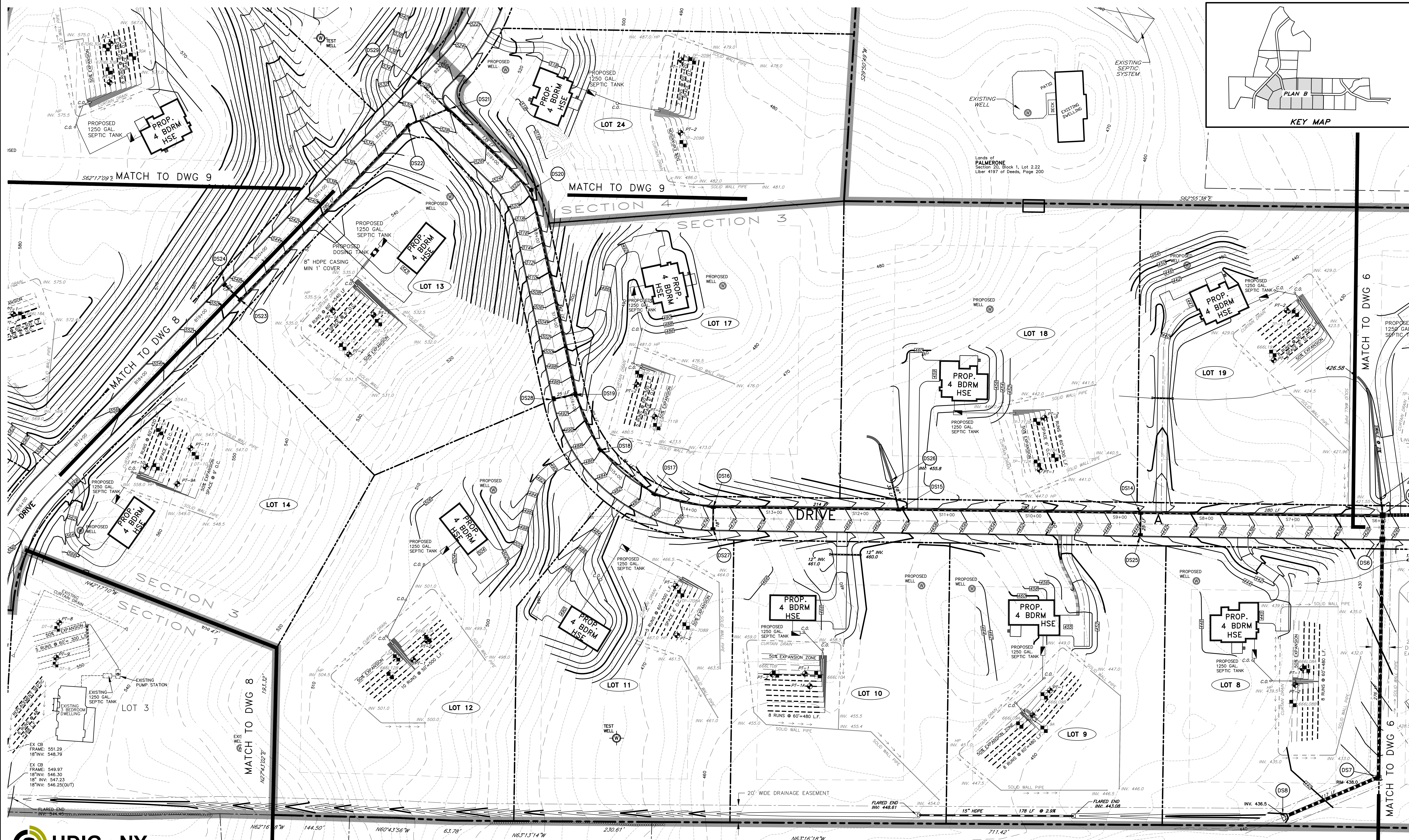
DRAINAGE STRUCTURE TABLE																										
INLET NO.	DS1	DS2	DS3	DS4	DS5	DS6	DS7	DS8	DS9	DS10	DS11	DS12	DS13	DR5	DR6	DR7	DR8	DT1	DT2	DT3	DT4	DT5	DT6	DT7	DT8	DT9
TYPE	ENDWALL	CB-C	CB-C	CB-C	CB-C	CB-C	CB-C	F.E.	F.E.	FE	CB-A	F.E.	CB-A	CB-A	CB-A	CB-A	CB-A	F.E.	CB-A	CB-A	CB-A	F.E.	CB-A	CB-A	CB-A	CB-A
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 SCALE: 1" = 40' DATE: JUNE 28, 2006	TITLE: SUBDIVISION PLAN "A"
PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK			DWG. 6
T. M. DEPUY ENGINEERING & LAND SURVEYING, P.C. 2656 ROUTE 302, MIDDLETOWN, NY 10941 PHONE: (845) 361-5421 FAX: (845) 361-5229			OF 20

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"**

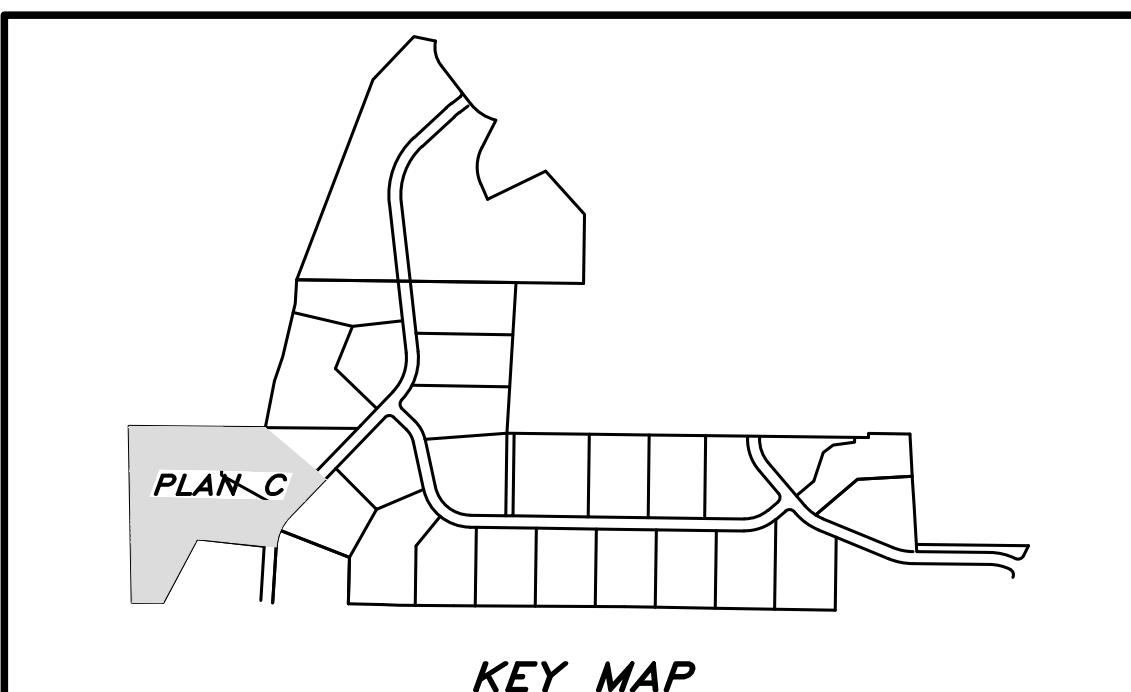
PROJECT: LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3 TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

**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

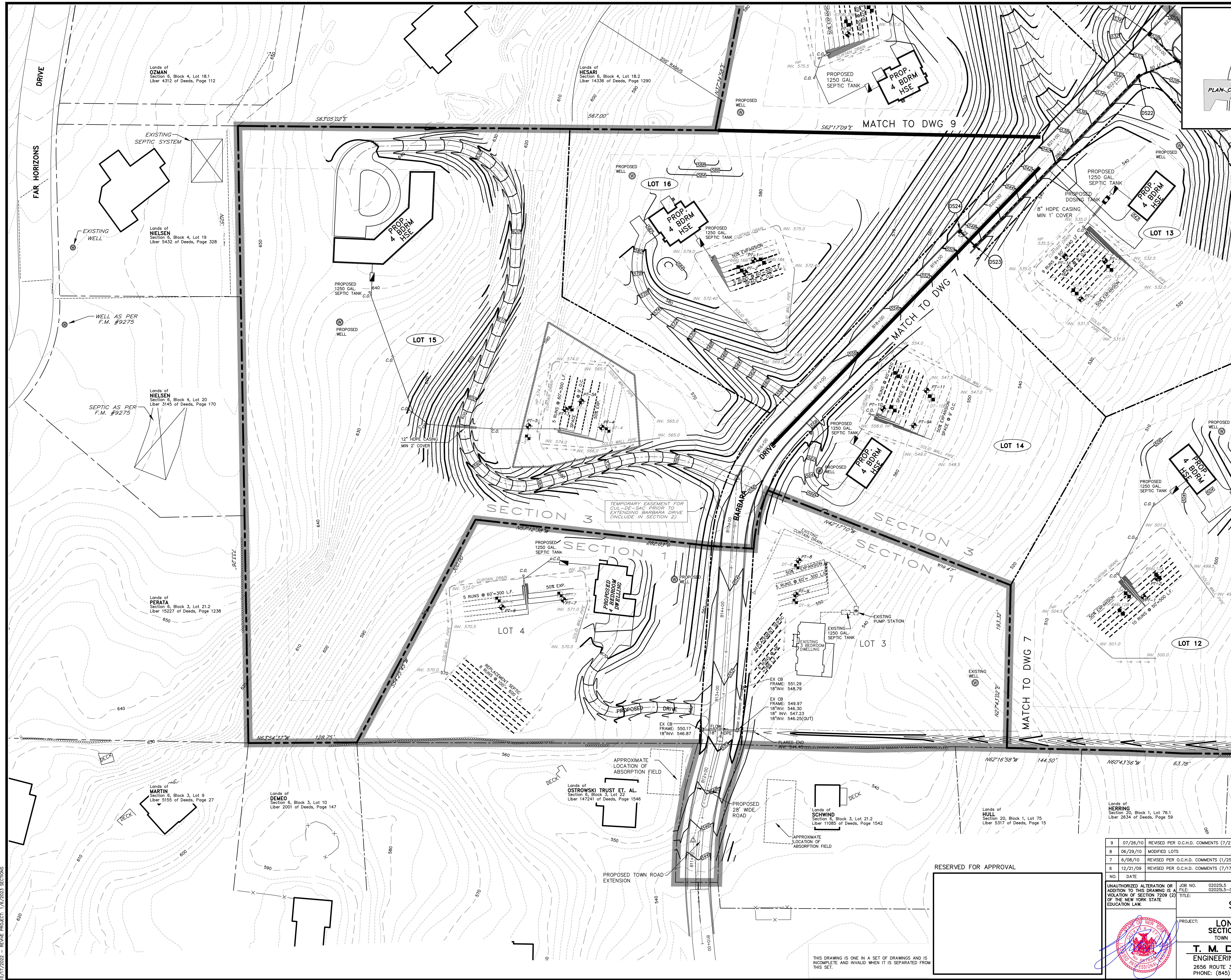




**DRAINAGE STRUCTURE TABLE**

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**  
 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.



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  
 FILE: 02025L5-06-09  
 SCALE: 1" = 40'  
 DATE: JUNE 28, 2006

**SUBDIVISION PLAN "C"**

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

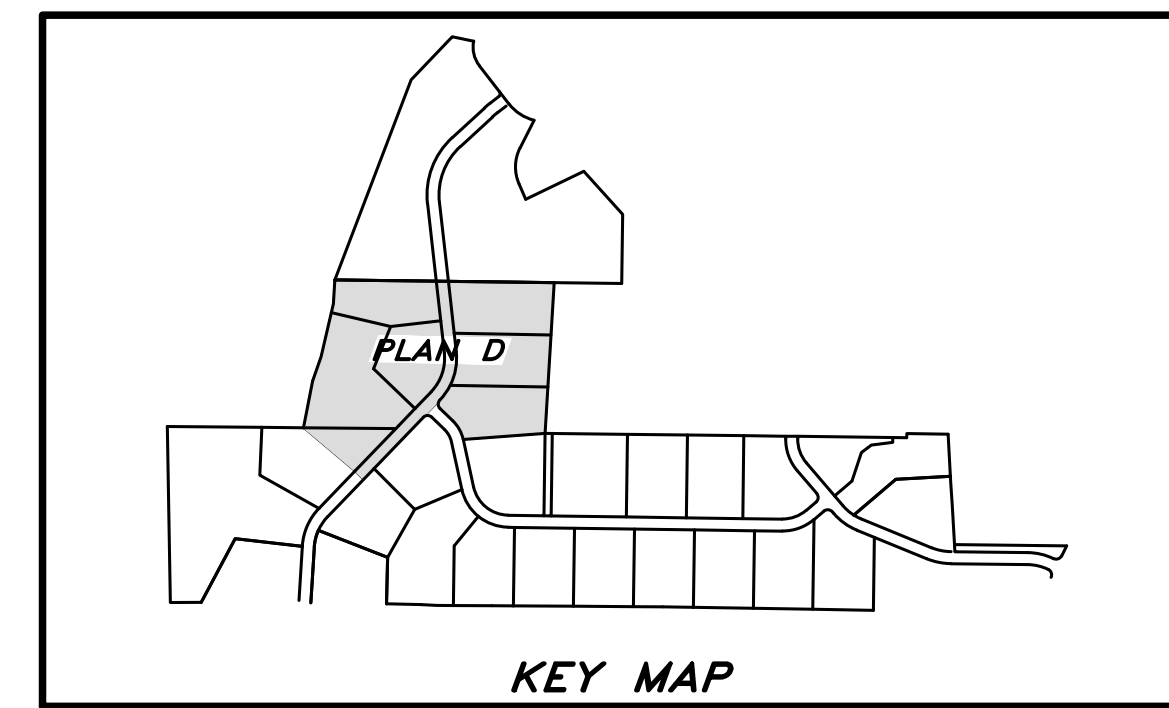
8 OF 20

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**  
 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.



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

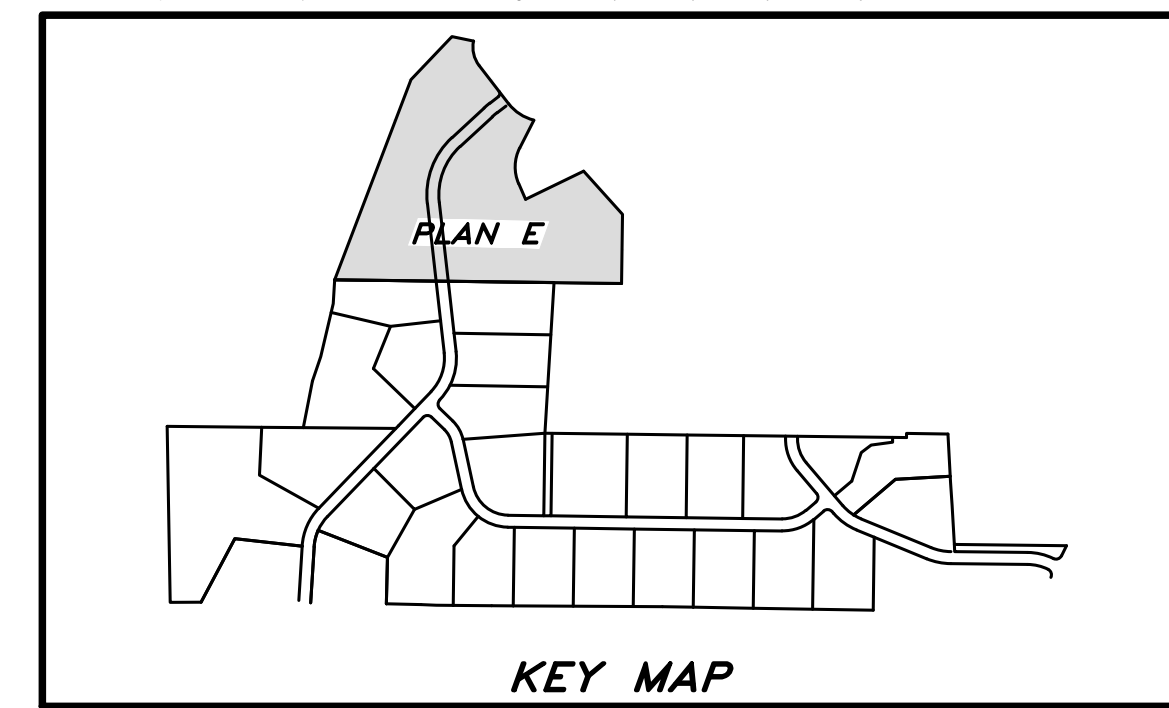
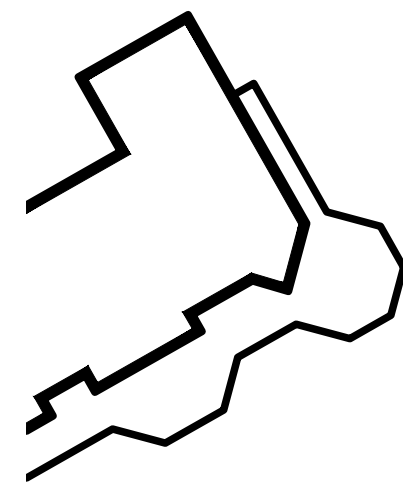
DRAINAGE STRUCTURE TABLE			
INLET NO.	DP7	DP8	DP9
TYPE	CB-A	CB-A	CB-A
PIPE	15" HDPE	15" HDPE	15" HDPE
LENGTH	-	90 LF	12 LF
FRAME (EL)	498.42	506.23	505.23
INV. (IN)	494.8	501.8	502.1
INV. (IN)	-	-	-
INV. (IN)	-	-	-
INV. (OUT)	494.8	500.6	-



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**  
 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.

DRAINAGE STRUCTURE TABLE						
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") 491.1 (2")	498.6	502.1

DRAINAGE STRUCTURE TABLE			
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

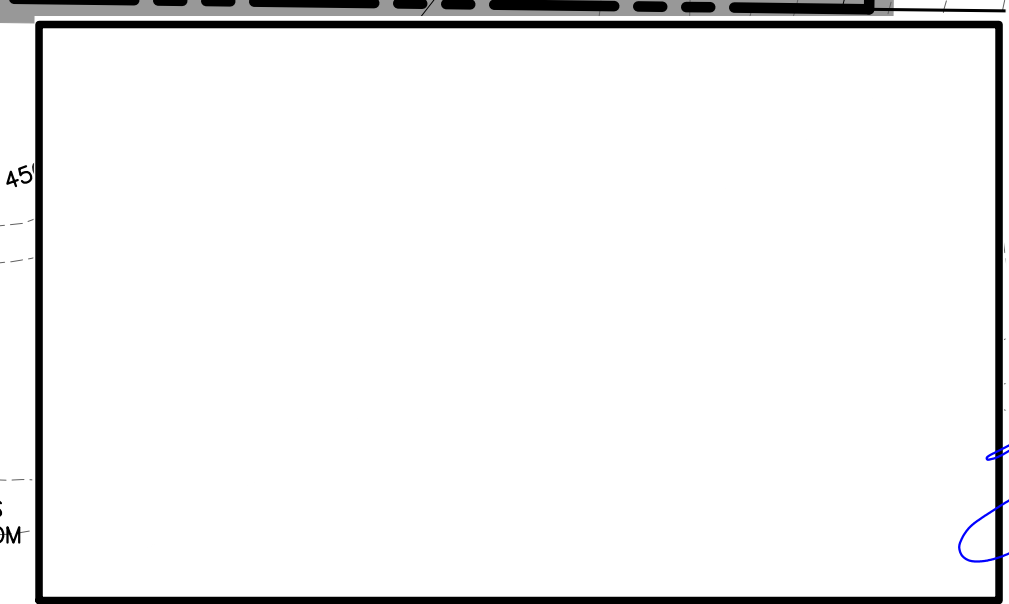


5	07/26/10	REVISED PER O.C.H.D. COMMENTS (7/21/10)	SMC
4	12/21/07	REVISED DRAINAGE STRUCTURE TABLE	DAD
3	11/28/07	REVISED SECTION LINES	MAP
2	09/06/07	PLANNING BOARD REVIEW COMMENT LETTER DATED 04/05/07 AND S.W.S., PLAN SET OF 20 DWG	MAP
NO.	DATE	REVISIONS	BY
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.			
JOB NO.	02025L5	SCALE:	1" = 40'
FILE:	02025L5-06-09	DATE:	JUNE 28, 2006
TITLE: <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> ENGINEERING & LAND SURVEYING, P.C. 2656 ROUTE 302, MIDDLETOWN, NY 10941 PHONE: (845) 361-5421 FAX: (845) 361-5229			DWG. <b>10</b> OF 20

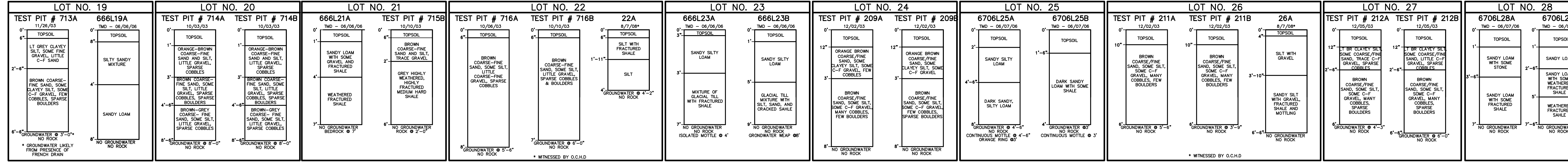
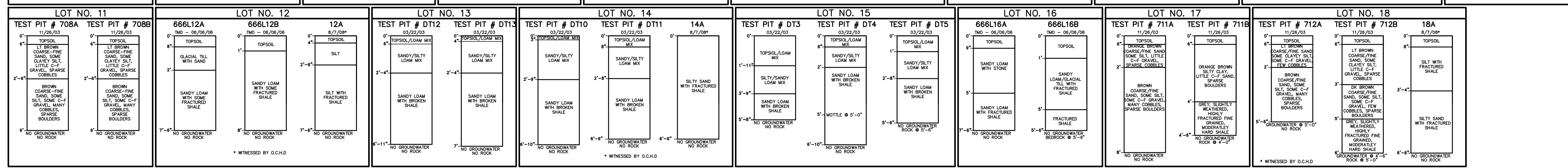
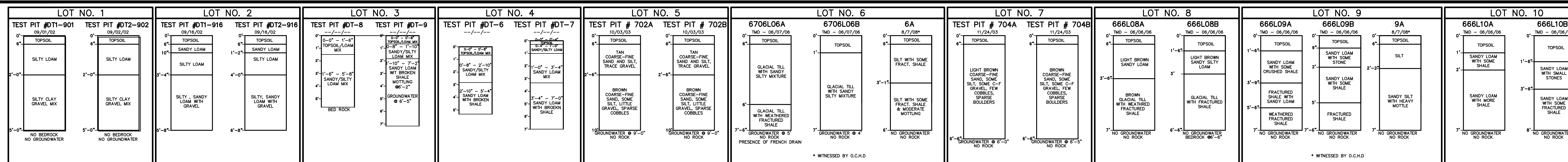
10/17/2022 - REVISE PROJECT: 1/6/2023 SECTIONS

CONTINUED ON DWG 9

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



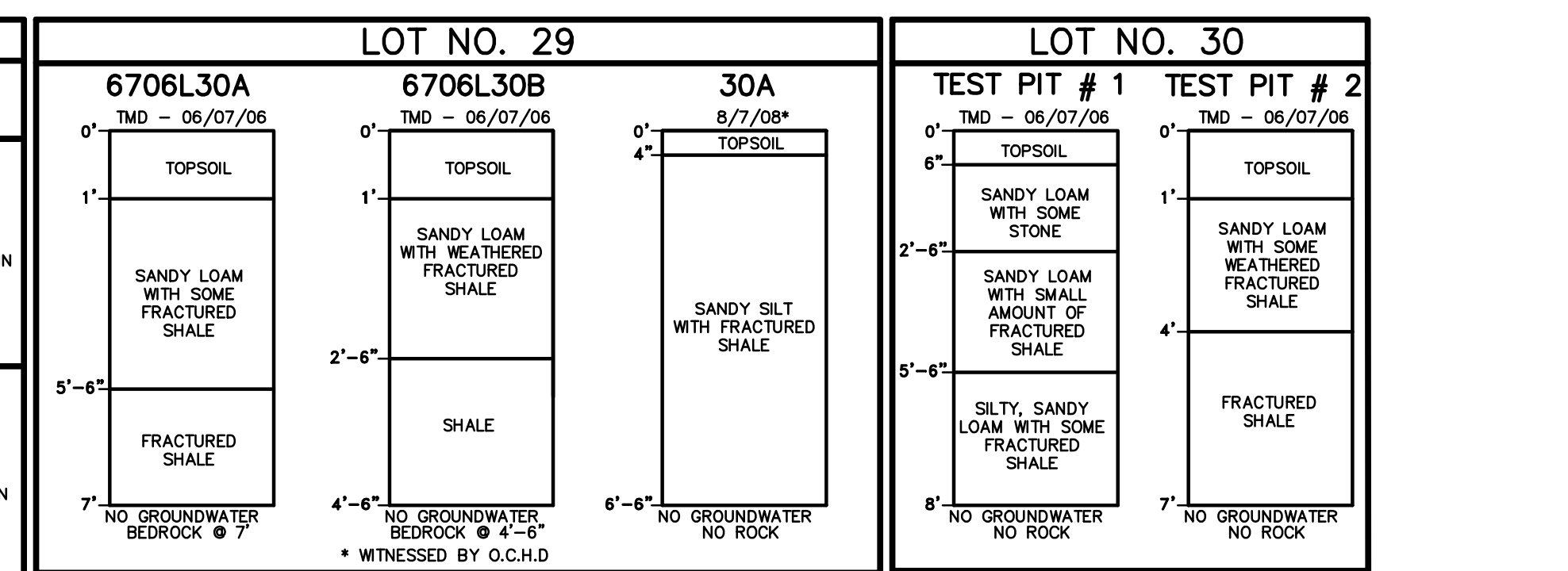




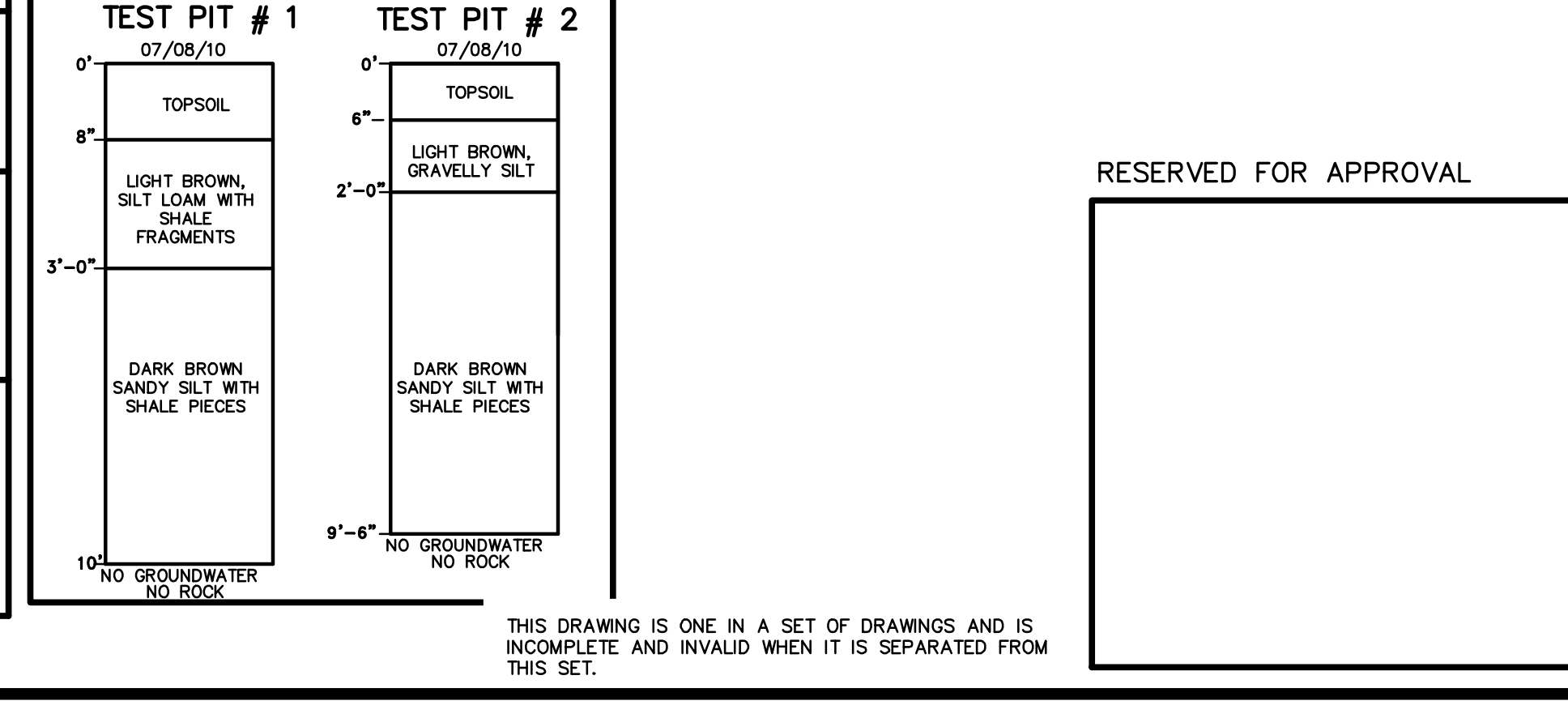
PERC TEST DATA									
LOT NO.	PERC TEST NO.	DATE	DEPTH	ACTUAL PERCOLATION RATE	DESIGN PERCOLATION RATE	DESIGN FLOW RATE (GAL/DAY)	MIN. LINEAR FT. ABSORPTION TRENCH	MIN. LINEAR FT. 4 BEDROOM HOUSE MAX.	COMMENTS
1	PT1-1019	10/19/02	24"	25 MIN. 33 MIN. 8 MIN.	8 MIN. 0 MIN.	31-45 MIN. 440 GPD	8 RUNS @ 55' = 440'	440 LF REQUIRED	PUMP 9 FT O.C. SPACING, CURTAIN DRAIN**
	PT2-1019	10/19/02	24"	8 MIN. 12 MIN. 13 MIN.	6 MIN. 1 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.	1 MIN. 1 MIN.	8-10 MIN. 520 GPD	5 RUNS @ 60' = 300'	290 LF REQUIRED	8 FT O.C. SPACING, CURTAIN DRAIN**
	PT2-916	09/16/02	27"	2 MIN. 3 MIN. 3 MIN.	1 MIN. 0 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. 0 MIN.	1-5 MIN. 520 GPD	5 RUNS @ 60' = 300'	217 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN**
	PT-9	03/22/03	26"	2 MIN. 2 MIN.	0 MIN. 0 MIN.	1-5 MIN. 600 GPD	6 RUNS @ 45' = 288'	250 LF REQUIRED	(REPLACEMENT SYSTEM)
4	PT-6	03/22/03	27"	3 MIN. 3 MIN.	0 MIN. 0 MIN.	1-5 MIN. 520 GPD	5 RUNS @ 60' = 300'	216 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN**
	PT-7	03/22/03	24"	2 MIN. 1 MIN.	0 MIN. 0 MIN.	1-5 MIN. 600 GPD	6 RUNS @ 100' = 600'		(REPLACEMENT SYSTEM)
5	PT-1	10/03/03	29"	04 MIN. 05 MIN. 05 MIN. 04 MIN.	0 MIN. 04 MIN. 04 MIN. 04 MIN.	8-10 MIN. 600 GPD	6 RUNS @ 60' = 360'	333 LF REQUIRED	9 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	10/03/03	35"	04 MIN. 05 MIN. 05 MIN. 05 MIN.	0 MIN. 04 MIN. 04 MIN. 04 MIN.	8-10 MIN. 600 GPD	6 RUNS @ 60' = 360'	333 LF REQUIRED	
6	PT-1	12/03/03	24"	03 MIN. 03 MIN. 04 MIN.	1 MIN. 0 MIN. 04 MIN. 04 MIN.	8-10 MIN. 600 GPD	6 RUNS @ 60' = 360'	333 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	12/03/03	24"	NO TEST DUE TO RAPID SEEPAGE INTO TEST HOLE					
7	PT-1	11/25/03	24"	03 MIN. 04 MIN. 07 MIN. 09 MIN. 09 MIN.	1 MIN. 1 MIN. 1 MIN. 1 MIN. 1 MIN.	8 RUNS @ 55' = 504'	504 LF REQUIRED		6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	11/25/03	24"	01 MIN. 02 MIN. 02 MIN.	0 MIN. 0 MIN. 04 Min. 06 Sec.	21-30 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
8	PT-1	05/25/06	24"	02 MIN. 07 MIN. 09 MIN. 11 MIN.	0 MIN. 1 Min. 2 Min. 4 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/26/06	24"	07 MIN. 09 MIN. 10 MIN. 11 MIN.	1 Min. 2 Min. 3 Min. 4 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
9	PT-1	05/24/06	25"	02 MIN. 03 MIN. 04 MIN. 04 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/24/06	25"	01 Min. 02 Min. 02 Min. 02 Min.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
10	PT-1	05/23/06	25"	02 Min. 03 Min. 03 Min.	0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/23/06	26"	01 Min. 02 Min. 02 Min. 02 Min.	1 Min. 2 Min. 3 Min. 4 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
11	PT-1A	08/7/08*	18"	10 Min. 14 Min. 17 Min. 20 Min. 20 Min.	4 Min. 3 Min. 2 Min. 3 Min. 4 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-1	05/25/06	24"	02 Min. 03 Min. 03 Min.	0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN

PERC TEST DATA									
LOT NO.	PERC TEST NO.	DATE	DEPTH	ACTUAL PERCOLATION RATE	DESIGN PERCOLATION RATE	DESIGN FLOW RATE (GAL/DAY)	MIN. LINEAR FT. ABSORPTION TRENCH	MIN. LINEAR FT. 4 BEDROOM HOUSE MAX.	COMMENTS
11	PT-1	11/26/03	24"	02 MIN. 04 MIN. 04 MIN.	1 MIN. 0 MIN. 02 MIN. 02 MIN.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	11/26/03	24"	02 MIN. 03 MIN. 03 MIN. 03 MIN.	0 MIN. 0 MIN. 03 MIN. 03 MIN.	21-30 MIN. 600 GPD	10 RUNS @ 50 = 500'	500 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
12	PT-1	05/23/06	25"	01 MIN. 02 MIN. 02 MIN. 02 MIN.	0 MIN. 0 Min. 0 Min. 0 Min.	21-30 MIN. 600 GPD	10 RUNS @ 50 = 500'	500 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/23/06	26"	00 MIN. 00 MIN. 00 MIN. 00 MIN.	0 MIN. 0 Min. 0 Min. 0 Min.	21-30 MIN. 600 GPD	10 RUNS @ 50 = 500'	500 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
13	PT-1	03/22/03	24"	01 MIN. 02 MIN. 02 MIN. 02 MIN.	0 MIN. 0 Min. 0 Min. 0 Min.	21-30 MIN. 600 GPD	9 RUNS @ 60 = 540'	500 LF REQUIRED	DOSE 6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/23/06	24"	09 MIN. 11 MIN. 11 MIN. 11 MIN.	1 Min. 1 Min. 1 Min. 1 Min.	21-30 MIN. 600 GPD	9 RUNS @ 60 = 540'	500 LF REQUIRED	DOSE 6 FT O.C. SPACING, CURTAIN DRAIN
14	PT-10A	08/7/08*	22"	00 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	11-15 MIN. 600 GPD	7 RUNS @ 60' = 420'	375 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-10	03/22/03	25"	01 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	11-15 MIN. 600 GPD	7 RUNS @ 60' = 420'	375 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
15	PT-3	03/22/03	29"	02 MIN. 03 MIN. 03 MIN. 03 MIN.	1 Min. 0 Min. 03 Min. 03 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-4	03/22/03	28"	01 MIN. 02 MIN. 02 MIN. 02 MIN.	1 Min. 0 Min. 02 Min. 02 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
16	PT-1	05/25/06	24"	02 MIN. 02 MIN. 02 MIN. 02 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	03/22/03	24"	00 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
17	PT-1	12/02/03	25"	03 MIN. 03 MIN. 03 MIN. 03 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	12/02/03	24"	02 MIN. 02 MIN. 02 MIN. 02 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
18	PT-1	12/01/03	29"	01 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	12/01/03	28"	02 MIN. 02 MIN. 02 MIN. 02 MIN.	1 Min. 0 Min. 02 Min. 02 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
19	PT-1	12/01/03	24"	06 MIN. 08 MIN. 08 MIN. 08 MIN.	1 Min. 0 Min. 08 Min. 08 Min.	11-15 MIN. 600 GPD	8 RUNS @ 50' = 400'	375 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	12/01/03	24"	05 MIN. 06 MIN. 06 MIN. 06 MIN.	0 Min. 0 Min. 06 Min. 06 Min.	11-15 MIN. 600 GPD	8 RUNS @ 50' = 400'	375 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
20	PT-1	10/03/03	24"	06 MIN. 08 MIN. 08 MIN. 08 MIN.	4 Min. 0 Min. 08 Min. 08 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	10/03/03	24"	05 MIN. 06 MIN. 06 MIN. 06 MIN.	2 Min. 0 Min. 06 Min. 06 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN

PERC TEST DATA									
LOT NO.	PERC TEST NO.	DATE	DEPTH	ACTUAL PERCOLATION RATE	DESIGN PERCOLATION RATE	DESIGN FLOW RATE (GAL/DAY)	MIN. LINEAR FT. ABSORPTION TRENCH	MIN. LINEAR FT. 4 BEDROOM HOUSE MAX.	COMMENTS
21	PT-1	05/23/06	24"	15 MIN. 19 MIN. 22 MIN. 23 MIN.	4 Min. 0 Min. 3 Min. 1 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/23/06	24"	14 MIN. 14 MIN. 14 MIN. 14 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
22	PT-1	10/06/03	23"	05 MIN. 06 MIN. 06 MIN. 06 MIN.	1 Min. 0 Min. 0 Min. 0 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	10/06/03	28"	02 MIN. 02 MIN. 02 MIN. 02 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
23	PT-1	05/23/06	24"	10 MIN. 12 MIN. 12 MIN. 12 MIN.	2 Min. 1 Min. 1 Min. 1 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/23/06	24"	01 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	6-7 MIN. 600 GPD	5 RUNS @ 60' = 300'	300 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
24	PT-1	12/02/03	24"	06 MIN. 07 MIN. 07 MIN. 07 MIN.	1 Min. 0 Min. 07 Min. 07 Min.	11-15 MIN. 600 GPD	7 RUNS @ 60' = 420'	375 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	12/02/03	24"	09 MIN. 09 MIN. 09 MIN. 09 MIN.	0 Min. 0 Min. 09 Min. 09 Min.	11-15 MIN. 600 GPD	7 RUNS @ 60' = 420'	375 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
25	PT-1	05/25/06	24"	00 MIN. 00 MIN. 00 MIN. 00 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/25/06	24"	01 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
26	PT-1	12/02/03	24"	02 MIN. 02 MIN. 02 MIN. 02 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	12/02/03	24"	11 MIN. 12 MIN. 12 MIN. 12 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN



PERC TEST DATA									
LOT NO.	PERC TEST NO.	DATE	DEPTH	ACTUAL PERCOLATION RATE	DESIGN PERCOLATION RATE	DESIGN FLOW RATE (GAL/DAY)	MIN. LINEAR FT. ABSORPTION TRENCH	MIN. LINEAR FT. 4 BEDROOM HOUSE MAX.	COMMENTS
27	PT-1	12/05/03	24"	03 MIN. 03 MIN. 03 MIN. 03 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	8-10 MIN. 600 GPD	6 RUNS @ 60' = 360'	333 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	12/05/03	24"	04 MIN. 04 MIN. 04 MIN. 04 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	8-10 MIN. 600 GPD	6 RUNS @ 60' = 360'	333 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
28	PT-1	05/24/06	26"	01 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	9 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/24/06	27"	04 MIN. 07 MIN. 07 MIN. 07 MIN.	2 Min. 0 Min. 07 Min. 07 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	9 FT O.C. SPACING, CURTAIN DRAIN
29	PT-1	05/24/06	24"	01 MIN. 02 MIN. 02 MIN. 02 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/24/06	24"	01 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
30	PT-1	05/24/06	24"	01 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/24/06	25"	01 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
31	PT-1	07/08/10	24"	01 MIN. 01 MIN. 01 MIN. 01 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	07/07/10	24"	00 MIN. 00 MIN. 00 MIN. 00 MIN.	0 Min. 0 Min. 0 Min. 0 Min.	16-20 MIN. 600 GPD	8 RUNS @ 60' = 480'	429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN



RESERVED FOR APPROVAL

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

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

DATE: JUNE 28, 2006

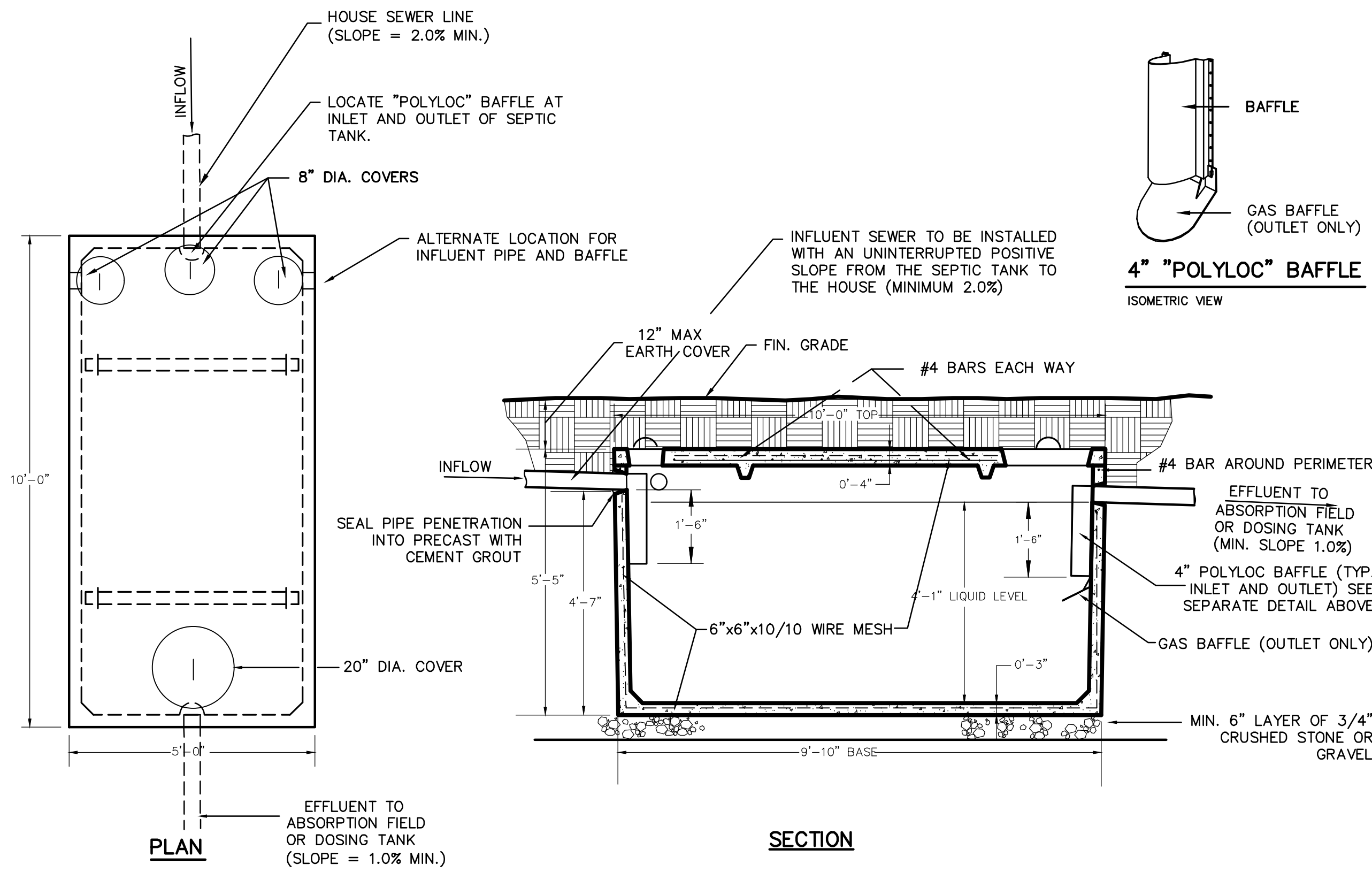
SCALE: NONE

REVISIONS:

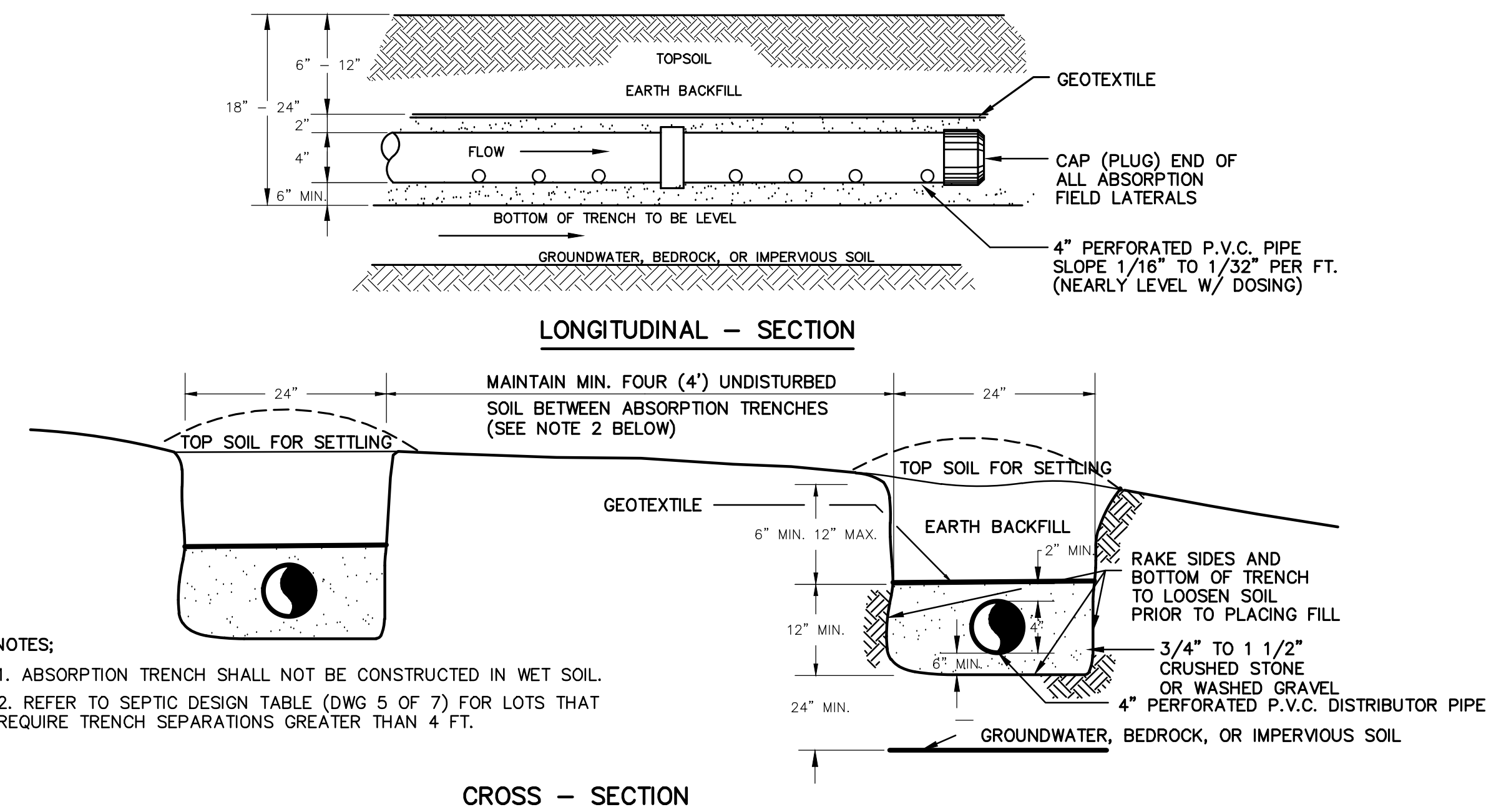
NO.	DATE	REVISIONS	BY
9	07/26/10	REVISED PER O.C.H.D. COMMENTS (7/21/10)	SMC
8	06/29/10	MODIFIED LOTS	SMC
7	6/8/10	REVISED PER O.C.H.D. COMMENTS (1/25/10) LOT 3 REPLACED SYSTEM DESIGN DATA	DJW
6	12/21/09	REVISED PER O.C.H.D. COMMENTS (7/17/09)	SMC

11 OF 20





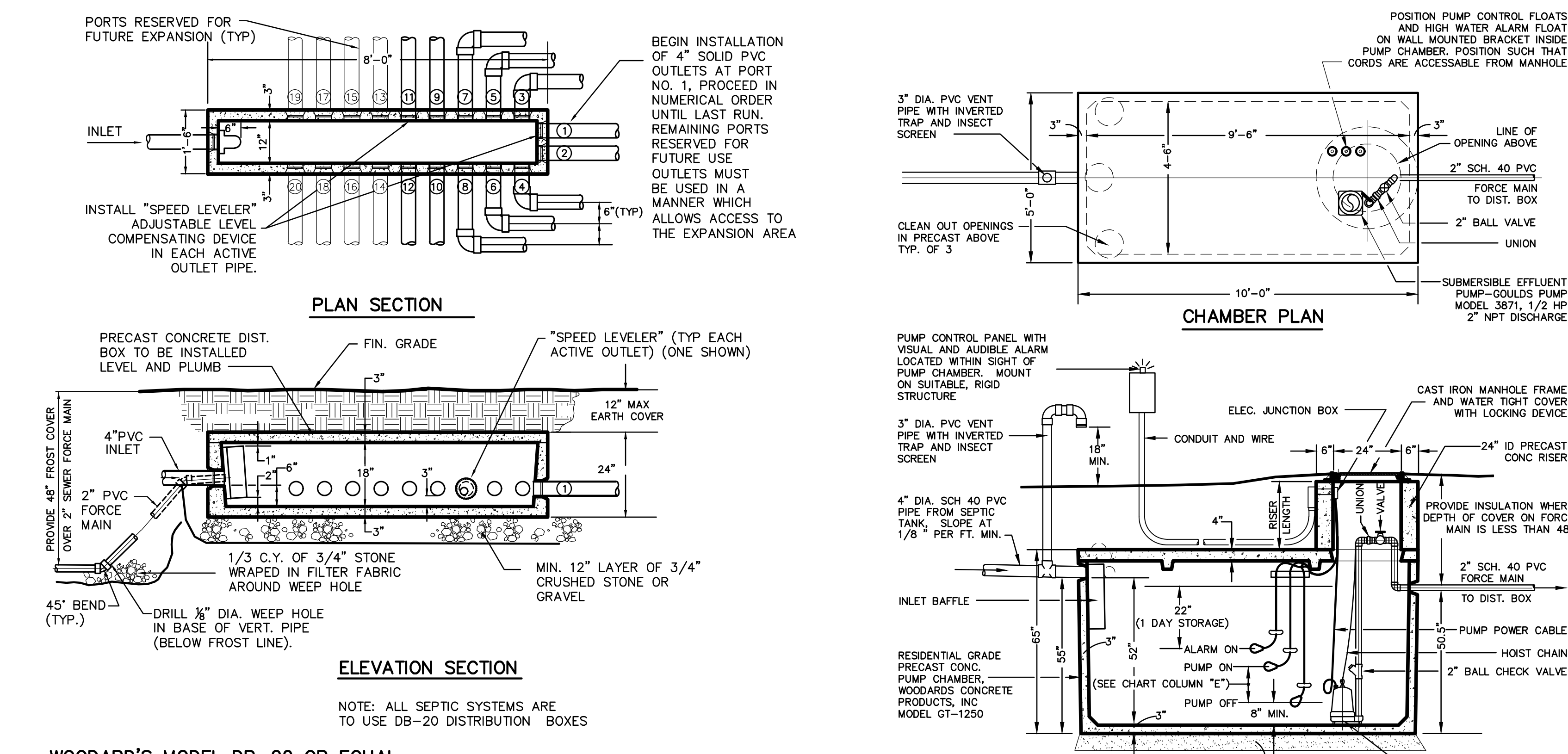
WOODARD'S CONC. PRODUCTS, INC.-MODEL ST 1250 OR EQUAL  
**PRECAST 1250 GAL. CONC. SEPTIC TANK DETAIL**  
 SCALE: 1/2" = 1'-0"



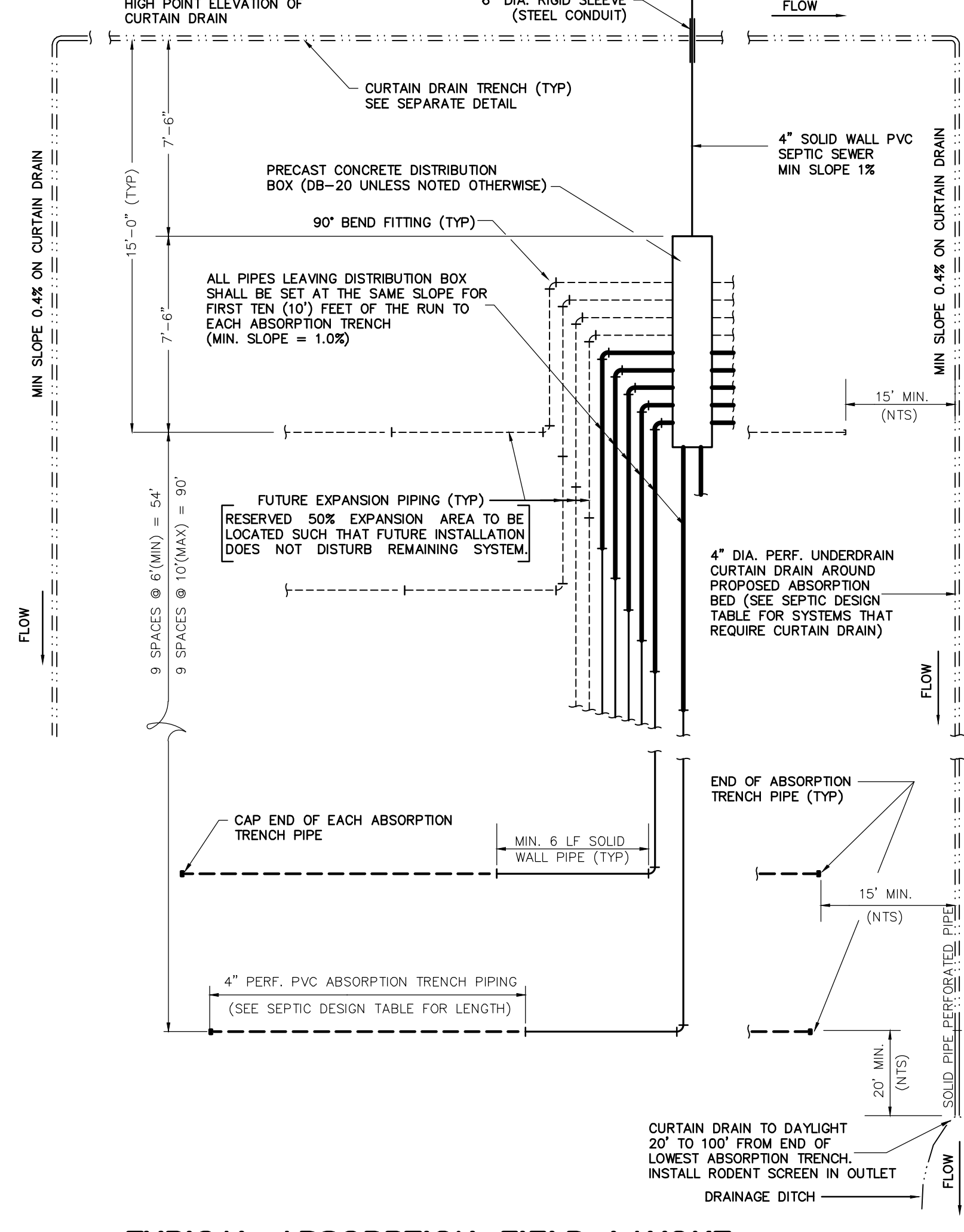
**ABSORPTION TRENCH DETAILS**  
 N.T.S.

**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"



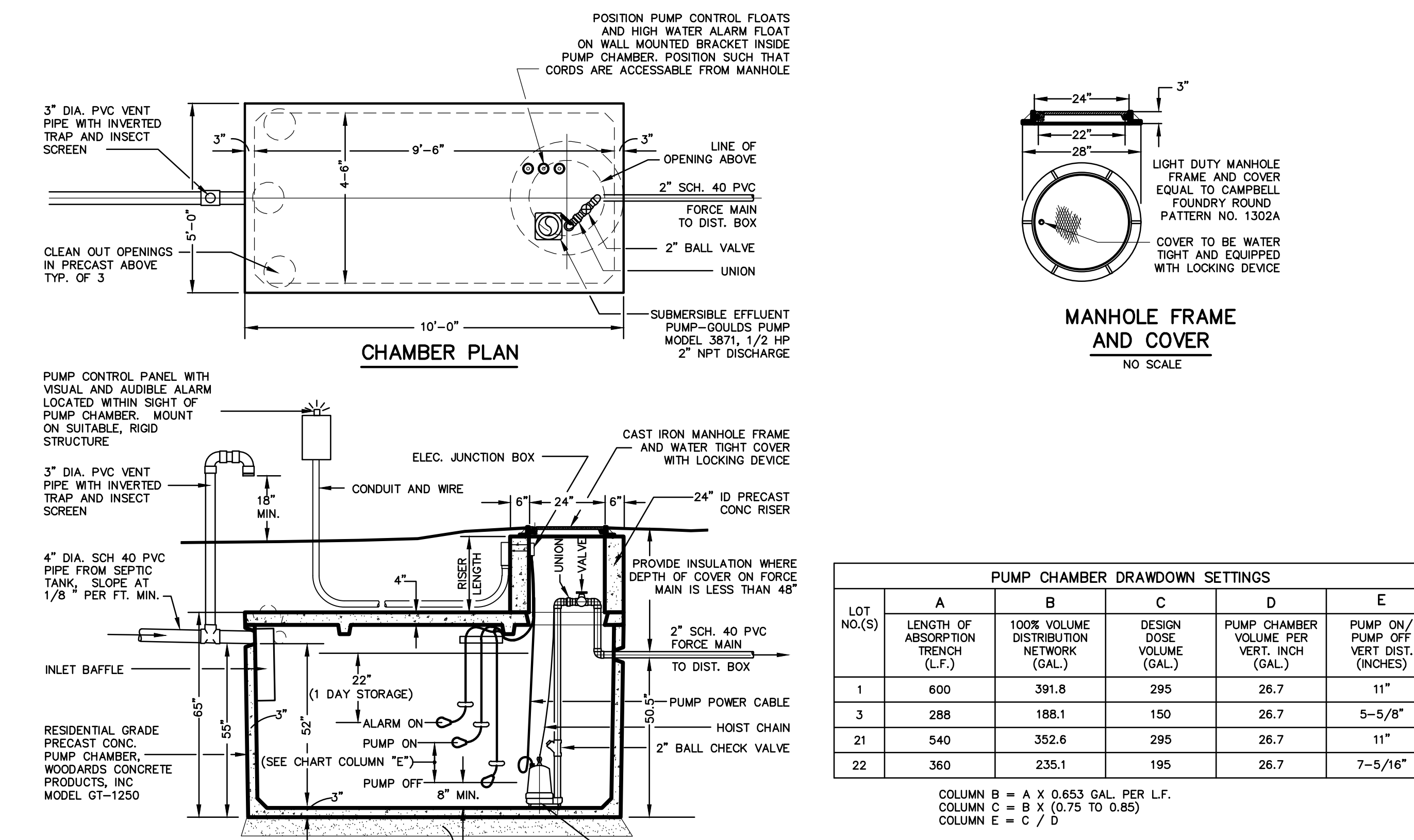
**TYPICAL ABSORPTION FIELD LAYOUT**  
 N.T.S.

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'

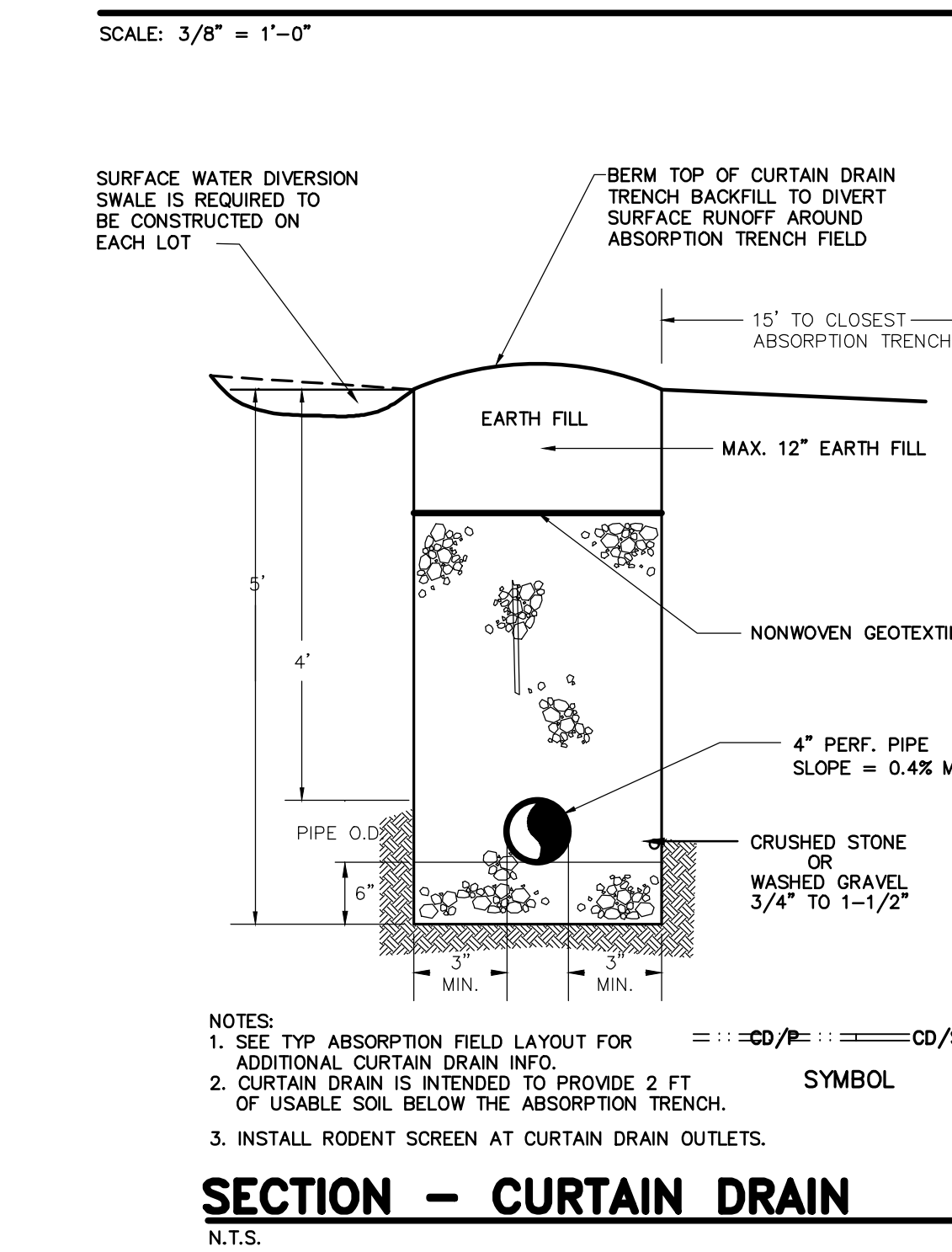
(A) WATER SERVICE AND SEWER LINES MAY BE IN THE SAME TRENCH IF CAST IRON SEWER WITH LEAD-CALKED JOINTS IS LAID AT ALL POINTS 12 INCHES BELOW WATER SERVICE PIPE, OR SEWER MAY BE ON DROPPED SHELF AT ONE SIDE AT LEAST 12 INCHES BELOW WATER SERVICE PIPE. PROVIDED THAT SEWER PIPE IS LAID BELOW FROST WITH 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.

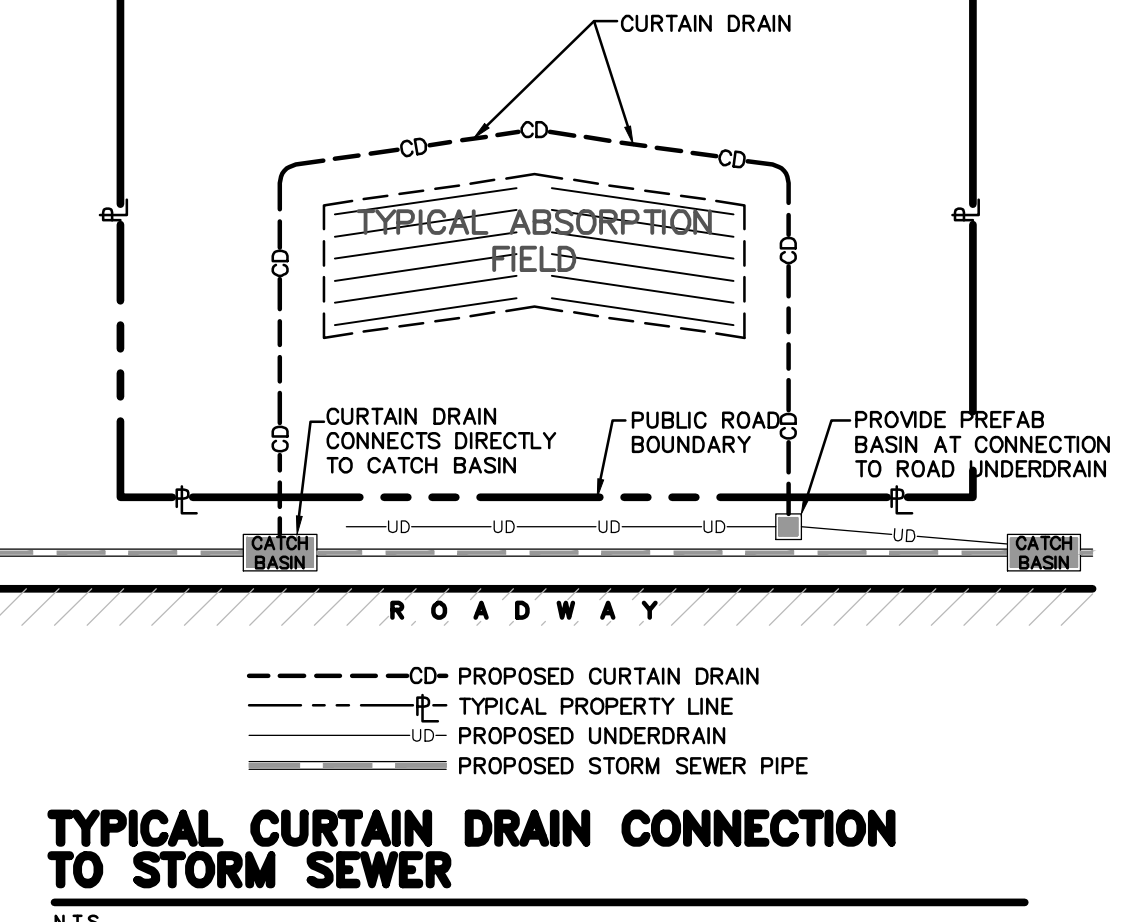
(C) MEAN HIGH WATER MARK



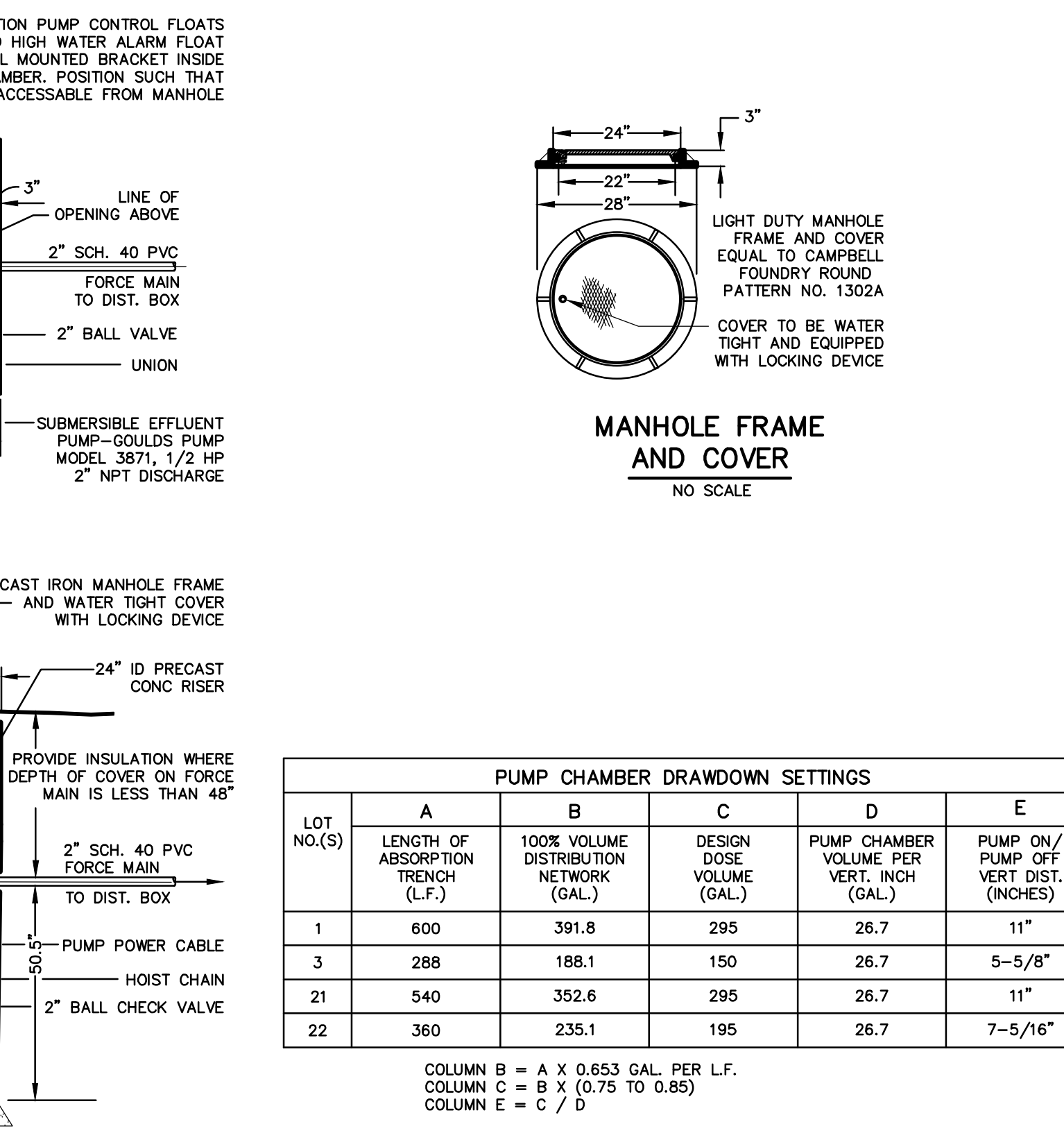
**TYPICAL PUMP STATION DETAIL**  
 SCALE: 3/8" = 1'-0"



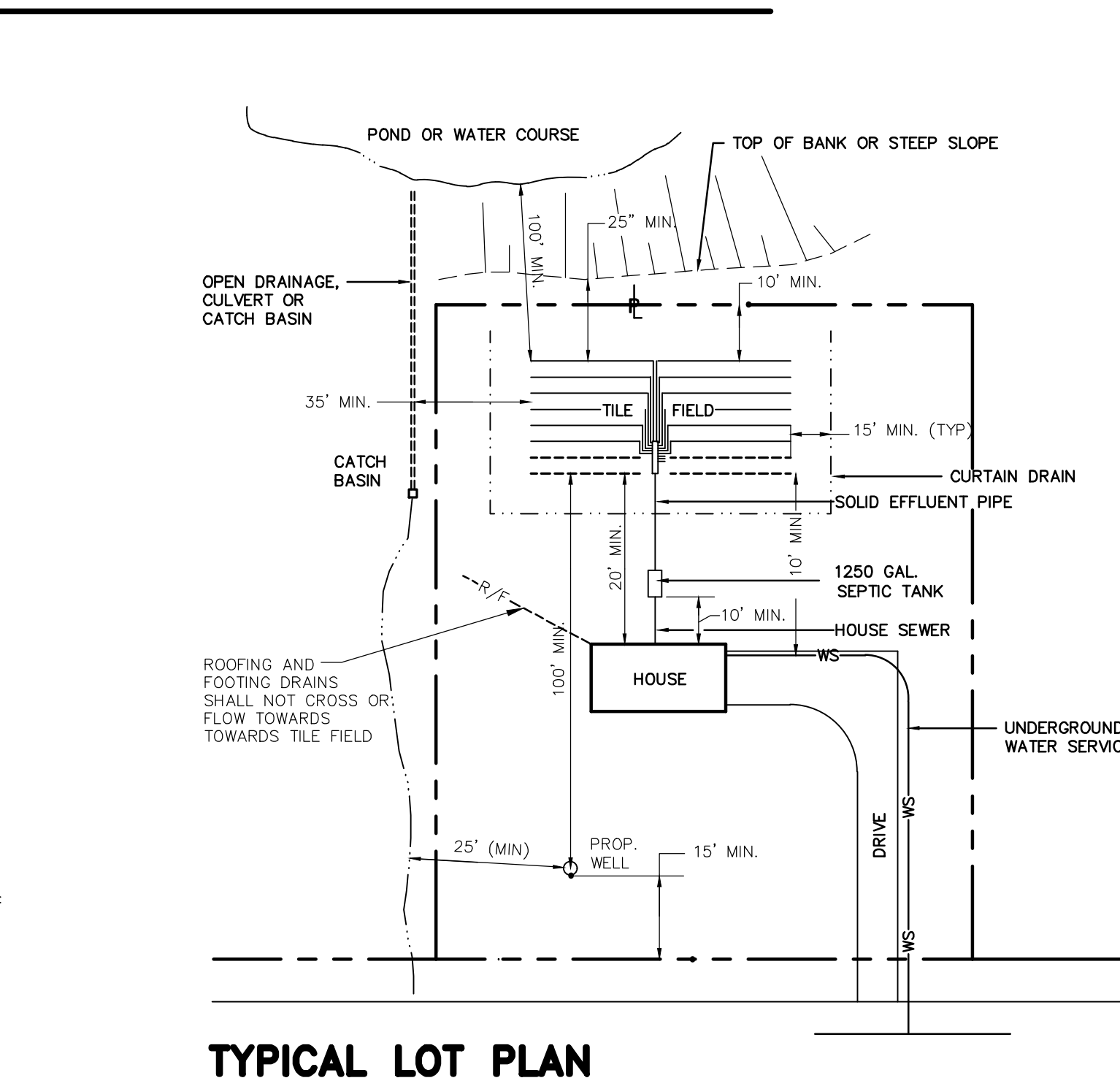
**SECTION - CURTAIN DRAIN**  
 N.T.S.



**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

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

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.	JOB NO.	SCALE:	DATE:
	02025L5 02025L5-11	AS NOTED	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



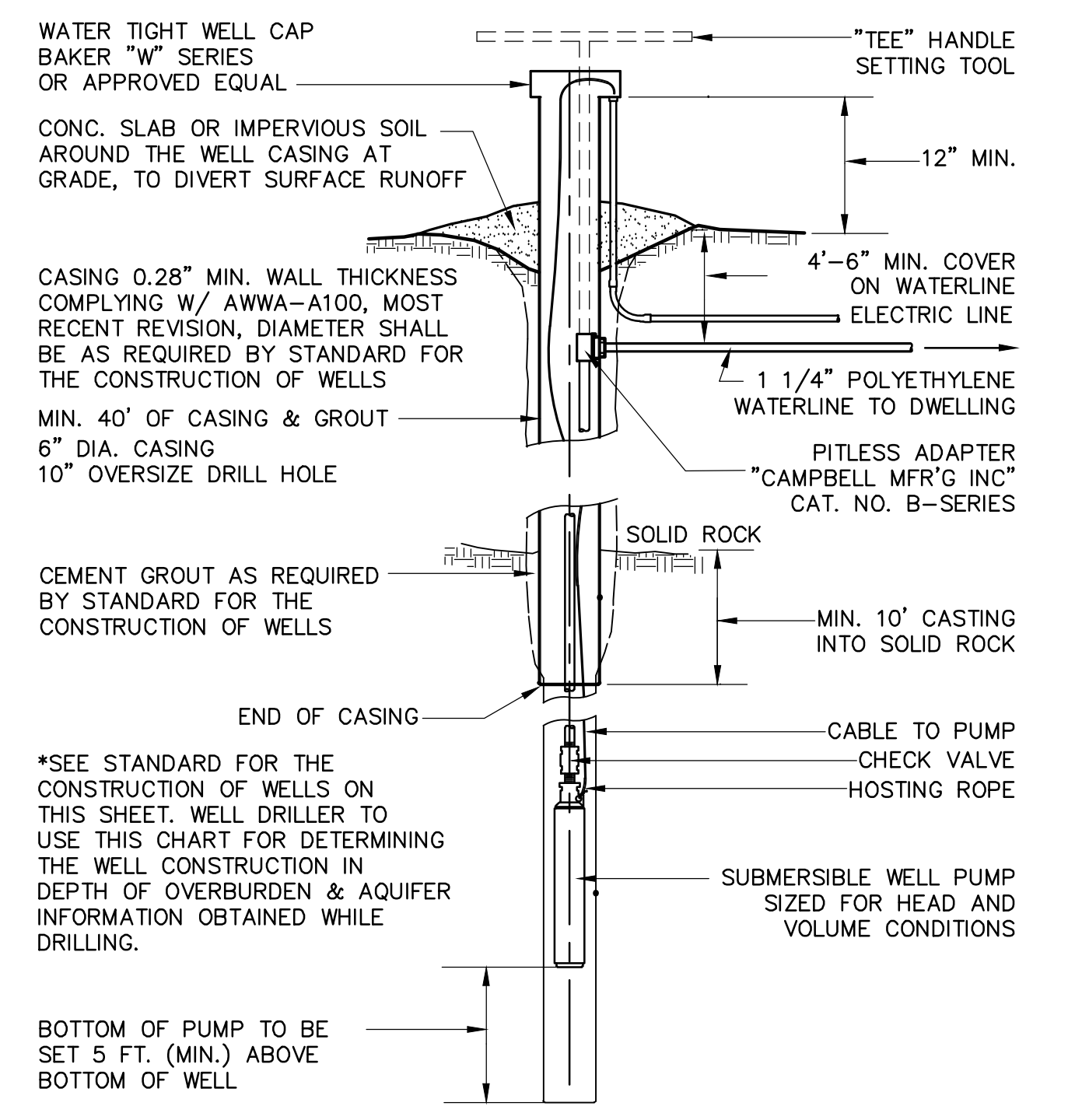


TEST WELL LOCATIONS

STANDARDS FOR THE CONSTRUCTION OF WELLS\*

WATER-BEARING FORMATION	OVERBURDEN	OVERALL DRILL-HOLE FOR GROUT		WELL DIAMETER			MINIMUM CASING LENGTH OR DEPTH (1)	LINEAR DIAMETER IN. (IF REQUIRED)	CONSTRUCTION CONDITIONS (1)	MISCELLANEOUS REQUIREMENTS
		DIAMETER	DEPTH (1) PORTION	CASED PORTION	UNCASED DIAMETER (3)	WELL SCREEN				
1. SAND OR GRAVEL	UNCONSOLIDATED CAVING MATERIAL: SAND OR SAND AND GRAVEL	NONE REQUIRED	NONE	2" MINIMUM 5" OR MORE PREFERRED	DOES NOT APPLY	2" MINIMUM	20" MINIMUM BUT 5' BELOW PUMPING LEVEL (3)	2" MINIMUM		
2. SAND OR GRAVEL	CLAY, HARDPAN, SILT OR SIMILAR MATERIAL TO A DEPTH OF MORE THAN 20 FEET	CASING SIZE PLUS 4"	MINIMUM 20'	2" MINIMUM 5" OR MORE PREFERRED	DOES NOT APPLY	2" MINIMUM	5' BELOW PUMPING LEVEL (3)	2" MINIMUM	UPPER DRILLHOLE SHALL BE KEPT AT LEAST ONE-THIRD FILLED WITH CLAY SLURRY WHILE DRIVING PERMANENT CASING AFTER CASING IS IN THE PERMANENT POSITION ANNUAL SPACE SHALL BE FILLED WITH CLAY SLURRY OR CEMENT GROUT.	AN ADEQUATE WELL SCREEN SHALL BE PROVIDED WHERE NECESSARY TO PERMIT PUMPING SAND-FREE WATER FROM THE WELL.
3. SAND OR GRAVEL	CLAY, HARDPAN, SILT OR SIMILAR MATERIAL CONTAINING LAYERS OF SAND OR GRAVEL WITHIN 15' OF GROUND SURFACE	CASING SIZE PLUS 4"	MINIMUM 20'	2" MINIMUM 5" OR MORE PREFERRED	DOES NOT APPLY	2" MINIMUM	5' BELOW PUMPING LEVEL (3)	2" MINIMUM	ANNUAL SPACE AROUND CASING SHALL BE FILLED WITH CEMENT GROUT.	
4. SAND OR GRAVEL	CREVICED OR FRACTURED ROCK, SUCH AS LIMESTONE, GRANITE, QUARTZITE	CASING SIZE PLUS 4"	THROUGH ROCK FORMATION	4" MINIMUM	DOES NOT APPLY	2" MINIMUM	5' BELOW OVERBURDEN OR ROCK	2" MINIMUM	ANNUAL SPACE AROUND CASING SHALL BE FILLED WITH CEMENT GROUT.	
5. CREVICED, SHATTERED OR OTHERWISE FRACTURED LIMESTONE, GRANITE, QUARTZITE OR SIMILAR ROCK TYPES.	CONSOLIDATED CAVING MATERIAL, CHIEFLY SAND OR SAND AND GRAVEL TO A DEPTH OF 40' OR MORE AND EXTENDING AT LEAST 2,000' IN ALL DIRECTIONS FROM THE WELL SITE.	NONE REQUIRED	NONE REQUIRED	6" MINIMUM	6" PREFERRED	DOES NOT APPLY	THROUGH CAVING OVERBURDEN	4" MINIMUM	CASING SHALL BE FIRMLY SEATED IN ROCK	
6. CREVICED, SHATTERED OR OTHERWISE FRACTURED LIMESTONE, GRANITE, QUARTZITE OR SIMILAR ROCK TYPES.	CLAY, HARDPAN, SILT OR SIMILAR MATERIAL TO A DEPTH OF 40' OR MORE AND EXTENDING AT LEAST 2,000 FT. IN ALL DIRECTIONS FROM THE WELL SITE.	CASING SIZE PLUS 4"	MINIMUM 20'	6" MINIMUM	6" PREFERRED	DOES NOT APPLY	THROUGH OVERBURDEN	4" MINIMUM	ANNUAL SPACE AROUND CASING SHALL BE GROUTED CASING SHALL BE FIRMLY SEATED IN ROCK	
7. CREVICED, SHATTERED OR OTHERWISE FRACTURED LIMESTONE, GRANITE, QUARTZITE OR SIMILAR ROCK TYPES.	UNCONSOLIDATED MATERIALS TO A DEPTH OF LESS THAN 40' AND EXTENDING AT LEAST 2,000 FT. IN ALL DIRECTIONS	CASING SIZE PLUS 4"	MINIMUM 40'	6" MINIMUM	6" PREFERRED	DOES NOT APPLY	40' MINIMUM	4" MINIMUM	CASING SHALL BE FIRMLY SEATED IN ROCK. ANNUAL SPACE AROUND CASING SHALL BE GROUTED	IF GROUT IS PLACED THROUGH CASING PIPE AND FORCED INTO ANNUAL SPACE FROM THE BOTTOM OF THE CASING, THE OVERSIZE DRILLHOLE MAY BE ONLY 2" LARGER THAN THE CASING PIPE.
8. SANDSTONE	ANY MATERIAL EXCEPT CREVICED ROCK TO A DEPTH OF 25' OR MORE.	CASING SIZE PLUS 4"	15' INTO FIRM SANDSTONE OR TO 30' DEPTH, WHICHEVER IS GREATER	4" MINIMUM	4" PREFERRED	2" MINIMUM, IF WELL SCREEN REQUIRED TO PERMIT PUMPING SAND-FREE WATER FROM PARTIALLY CEMENTED SANDSTONE	SAME AS OVERSIZE DRILLHOLE, OR GREATER.	2" MINIMUM	ANNUAL SPACE AROUND CASING SHALL BE GROUTED CASING SHALL BE FIRMLY SEATED IN SANDSTONE	PIPE 2" SMALLER THAN THE DRILLHOLE AND LINER PIPE 2" SMALLER THAN CASING SHALL BE ASSEMBLED WITHOUT COUPLINGS.
9. SANDSTONE	MIXED DEPOSITS MAINLY SAND AND GRAVEL, TO A DEPTH OF 25' OR MORE.	NONE REQUIRED	NONE REQUIRED	4" MINIMUM	4" PREFERRED	2" MINIMUM, IF WELL SCREEN REQUIRED TO PERMIT PUMPING SAND-FREE WATER FROM PARTIALLY CEMENTED SANDSTONE	THROUGH OVERBURDEN INTO FIRM SANDSTONE	2" MINIMUM	CASING SHALL BE EFFECTIVELY SEATED INTO FIRM SANDSTONE	PIPE 2" SMALLER THAN THE DRILLHOLE AND LINER PIPE 2" SMALLER THAN CASING SHALL BE ASSEMBLED WITHOUT COUPLINGS.
10. SANDSTONE	CLAY, HARDPAN, OR SHALE TO A DEPTH OF 25' OR MORE	CASING SIZE PLUS 4"	MINIMUM 20'	4" MINIMUM	4" PREFERRED	2" MINIMUM, IF WELL SCREEN REQUIRED TO PERMIT PUMPING SAND-FREE WATER FROM PARTIALLY CEMENTED SANDSTONE	THROUGH OVERBURDEN INTO FIRM SANDSTONE	2" MINIMUM	CASING SHALL BE EFFECTIVELY SEATED INTO FIRM SANDSTONE, OVERSIZED DRILLHOLE SHALL BE KEPT TO AT LEAST ONE-THIRD FILLED WITH CLAY SLURRY WHILE DRIVING PERMANENT CASING. AFTER CASING IS IN THE PERMANENT POSITION, ANNUAL SPACE SHALL BE FILLED WITH CLAY SLURRY OR CEMENT GROUT.	
11. SANDSTONE	CREVICED ROCK AT VARIABLE DEPTH	CASING SIZE PLUS 4"	15' OR MORE INTO FIRM SANDSTONE	6" MINIMUM	6" PREFERRED	2" MINIMUM, IF WELL SCREEN REQUIRED TO PERMIT PUMPING SAND-FREE WATER FROM PARTIALLY CEMENTED SANDSTONE	15' INTO FIRM SANDSTONE	4" MINIMUM	ANNUAL SPACE AROUND CASING SHALL BE FILLED WITH CEMENT GROUT	IF GROUT IS PLACED THROUGH CASING PIPE AND FORCED INTO ANNUAL SPACE FROM THE BOTTOM OF THE CASING, THE OVERSIZE DRILLHOLE MAY BE ONLY 2" LARGER THAN THE CASING PIPE. PIPE 2" SMALLER THAN THE DRILLHOLE AND LINER PIPE 2" SMALLER THAN CASING SHALL BE ASSEMBLED WITHOUT COUPLINGS.

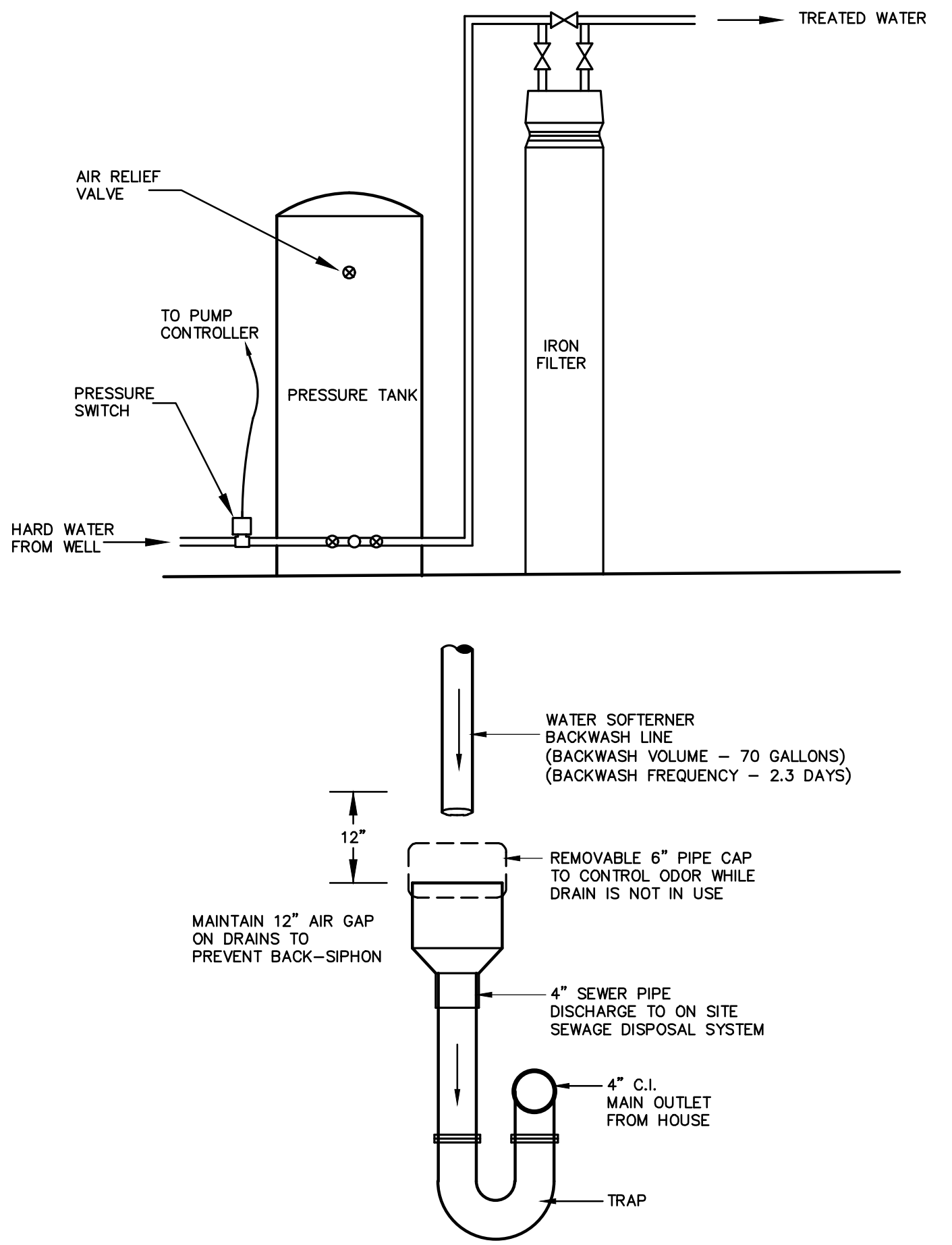
(1) IN THE CASE OF A FLOWING ARTESIAN WELL, THE ANNUAL SPACE BETWEEN THE SOIL AND ROCK AND THE WELL CASING SHALL BE TIGHTLY SEALED WITH CEMENT GROUT FROM WITHIN 5 FEET OF THE TOP OF THE AQUIFER TO THE GROUND SURFACE IN ACCORDANCE WITH GOOD CONSTRUCTION PRACTICE.  
 (2) THESE DIAMETERS SHALL ALSO BE APPLICABLE IN CIRCUMSTANCES WHERE THE USE OF PERFORATED CASING IS DEEMED PRACTICABLE. WELL POINTS COMMONLY DESIGNATED IN THE TRADE AS 1-1/4" PIPE SHALL BE CONSIDERED AS BEING 2" NOMINAL DIAMETER WELL SCREENS FOR PURPOSES OF THESE REGULATIONS.  
 (3) AS USED HEREIN, THE TERM "PUMPING LEVEL" SHALL REFER TO THE LOWEST ELEVATION OF THE SURFACE OF THE WATER IN A WELL DURING PUMPING, DETERMINED TO THE BEST KNOWLEDGE OF THE WATER WELL CONTRACTOR, TAKING INTO CONSIDERATION USUAL SEASONAL FLUCTUATIONS IN THE STATIC WATER LEVEL AND DRAW DOWN LEVEL.  
 FROM: RECOMMENDED STATE LEGISLATION AND REGULATIONS, DEPARTMENT OF HEALTH, EDUCATION AND WELFARE, PUBLIC HEALTH SERVICE, WASHINGTON, D.C. JULY 1965.  
 NOTES - FOR WELLS IN CREVICED, SHATTERED OR OTHERWISE FRACTURED LIMESTONE, GRANITE, QUARTZITE OR SIMILAR ROCK IN WHICH THE OVERBURDEN IS LESS THAN 40 FEET AND EXTENDS LESS THAN 2,000 FEET IN ALL DIRECTIONS, AND NO OTHER PRACTICABLE ACCEPTABLE WATER SUPPLY IS AVAILABLE, THE WELL CONSTRUCTION DESCRIBED ON LINE 7" OF THIS TABLE IS APPLICABLE.  
 NEW YORK STATE SANITARY CODE, PART 5, APPENDIX 5-B REQUIRES A 50% INCREASE IN SEPARATION DISTANCES OR 50' (MIN.) WELL CASING IF AQUIFER WATER ENTERS THE WELL LESS THAN 50' BELOW GRADE.



- NOTES:
- A MIN. SUSTAINED WELL YIELD OF 5 GAL. PER MIN SHALL BE OBTAINED.
  - TOP OF WELL CASING TO BE SET 2 FT. MIN. ABOVE 100 YEAR FLOOD LEVEL.
  - TEST WELLS WERE INSTALLED ON LOTS 11, 21 & 28; AND VARIED IN DEPTH FROM 200'-500'.
  - IF WATER IS ENCOUNTERED AT A DEPTH OF LESS THAN 50', THE MINIMUM CASING AND GROUTING REQUIREMENT SHALL BE 50'.
  - NEW YORK STATE SANITARY CODE, PART 5, APPENDIX 5-B, REQUIRES A 50% INCREASE IN SEPARATION DISTANCES OR 50' (MIN.) OF WELL CASING IF AQUIFER WATER ENTERS THE WELL LESS THAN FIFTY (50) FEET BELOW GRADE.

TYPICAL WELL DETAIL

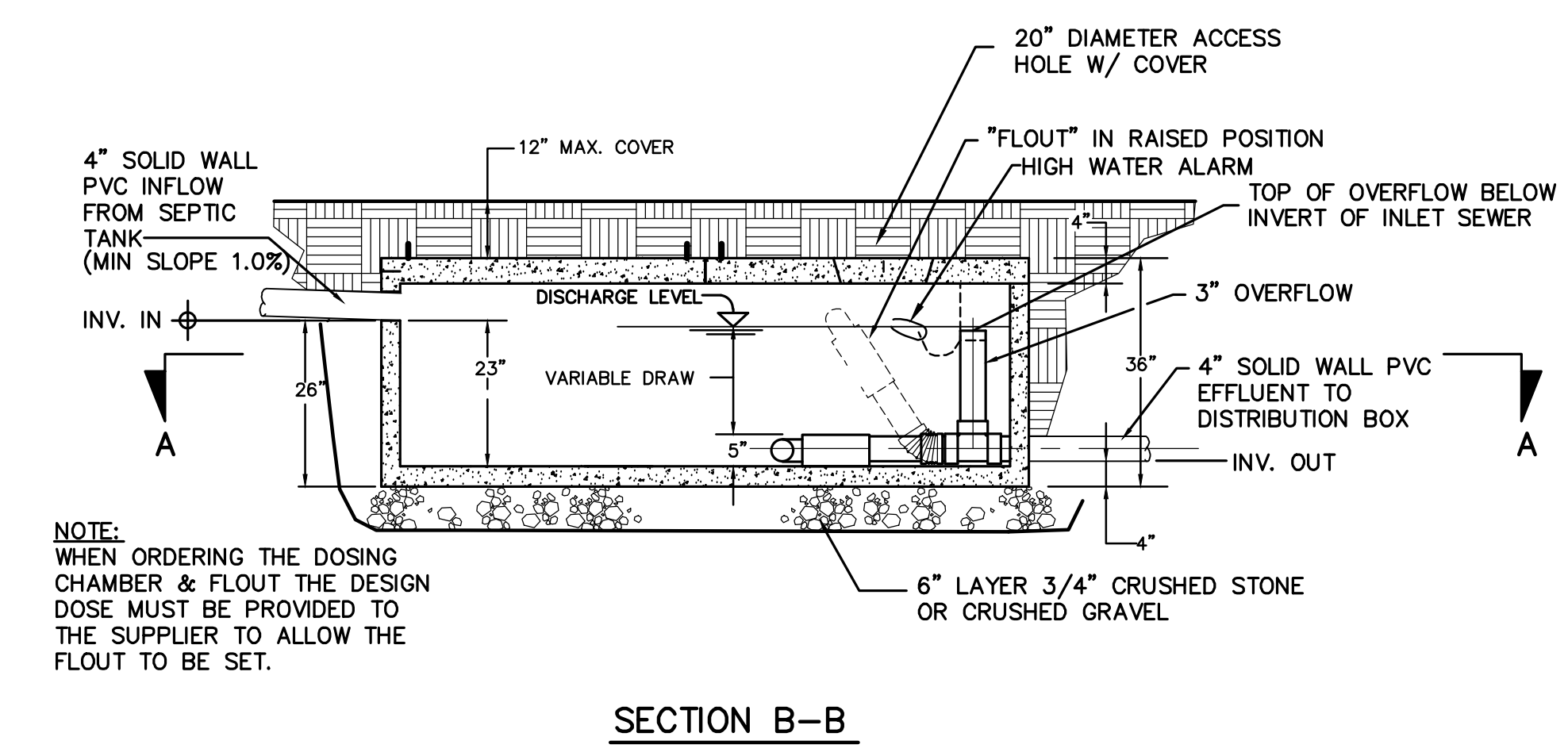
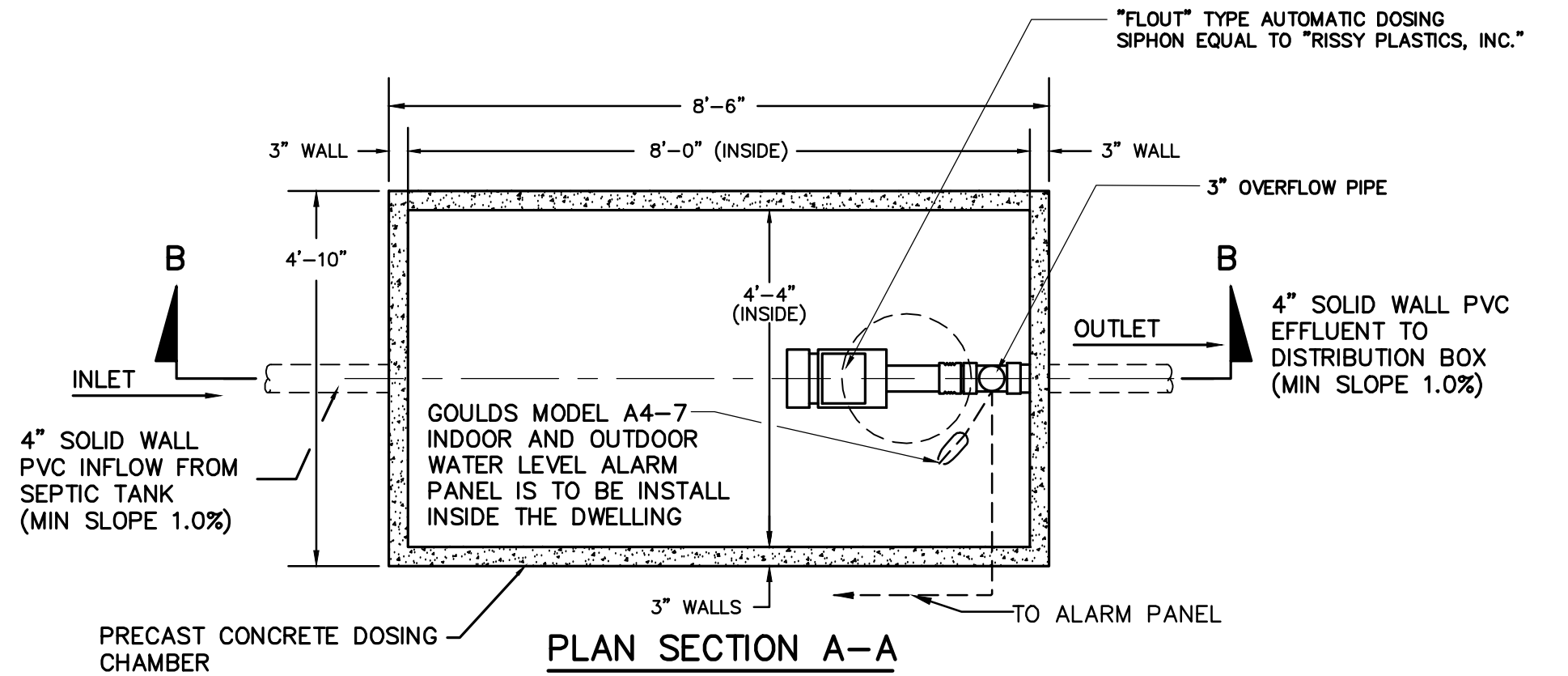
N.T.S.



IRON FILTER DETAIL

N.T.S.

- NOTE:
- TEST WELLS HAVE INDICATED IRON SLIGHTLY ABOVE THE MCL OF 0.3 mg/L
  - WATER TREATMENT IS AT THE DISCRETION OF THE HOMEOWNER.
  - A CULLIGAN Wk 89 WATER CONDITIONER IS RECOMMENDED FOR IRON REMOVAL.
  - CONDITIONING USING A SODIUM SALT ADDS 46 mg/L OF SODIUM FOR EVERY 100 mg/L OF HARDNESS REMOVED.



WOODARD'S PRECAST CONCRETE MODEL SC-5X9 OR EQUAL "RISSEY PLASTICS" AUTOMATIC "FLOUT" DOSING SIPHON

DOSING CHAMBER DETAIL

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

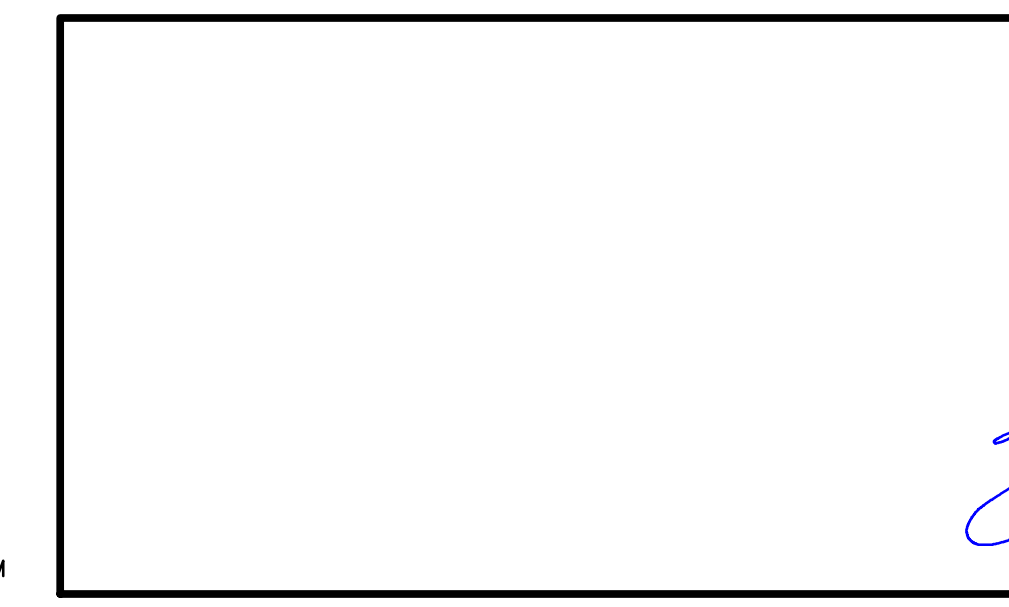
TABLE 2-7  
DOSING CHAMBER DESIGN TABLE

LOT NO.	ABSORPTION (LF)	TRENCH VOLUME (GAL)	DESIGN DOSE (GAL)
13	540	352.6	280

ABSORPTION TRENCH VOLUME CALCULATIONS  
 540 LF = 540 LF X 0.653 GAL/LF = 391.8 GAL (100%)

DOSING CHAMBER SPECIFICATIONS:  
 CONCRETE: 4,000 P.S.I. @ 28 DAYS.  
 PIPE CONNECTION: POLY-LOC SEAL (PATENT PENDING)  
 REINFORCEMENT: 6" x 8" x 10 GA. WIRE MESH

RESERVED FOR APPROVAL



NO.	DATE	REVISIONS	BY
3	12/19/08	REVISED PER O.C.H.D. COMMENTS (7/22/08)	LAP
2	11/28/07	REVIEW COMMENT LETTER DATED 10/27/07	MAP
1	2/21/07	PB REVIEW COMMENTS	DW

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

JOB NO. 02025L5  
 02025L5-12  
 SCALE: NOT TO SCALE  
 DATE: JUNE 28, 2006

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. 13 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") 491.1 (4")	498.6

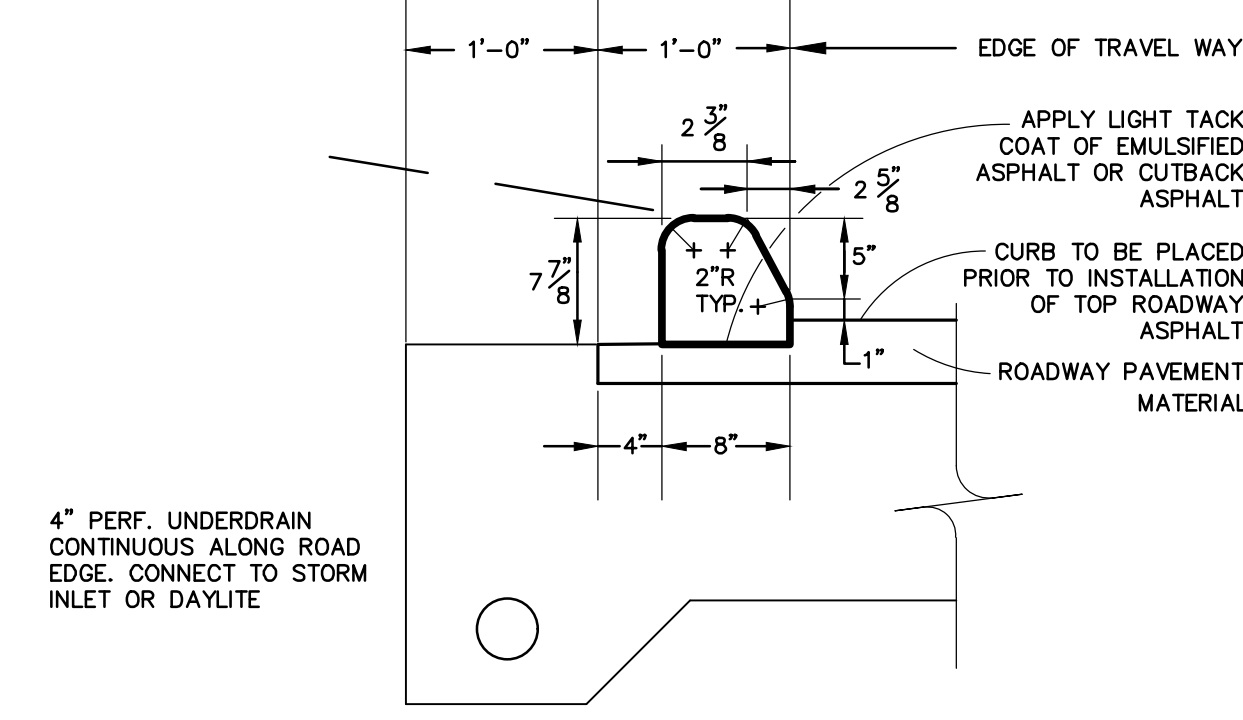
DRAINAGE STRUCTURE TABLE					
INLET NO.	DS6	DS7	DS8	DS9	DS10
TYPE	CB-C	CB-C	F.E.	F.E.	FE
PIPE	42" HDPE	42" HDPE	42" HDPE	18" HDPE	15" HDPE
LENGTH	25 LF	276 LF	117 LF	20 LF	20 LF
FRAME (EL)	426.8	437.6	-	-	-
INV. (IN)	-	-	-	-	-
INV. (IN)	421.0	-	-	-	-
INV. (IN)	-	431.8	-	-	-
INV. (OUT)	421.0	428.1	434.8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

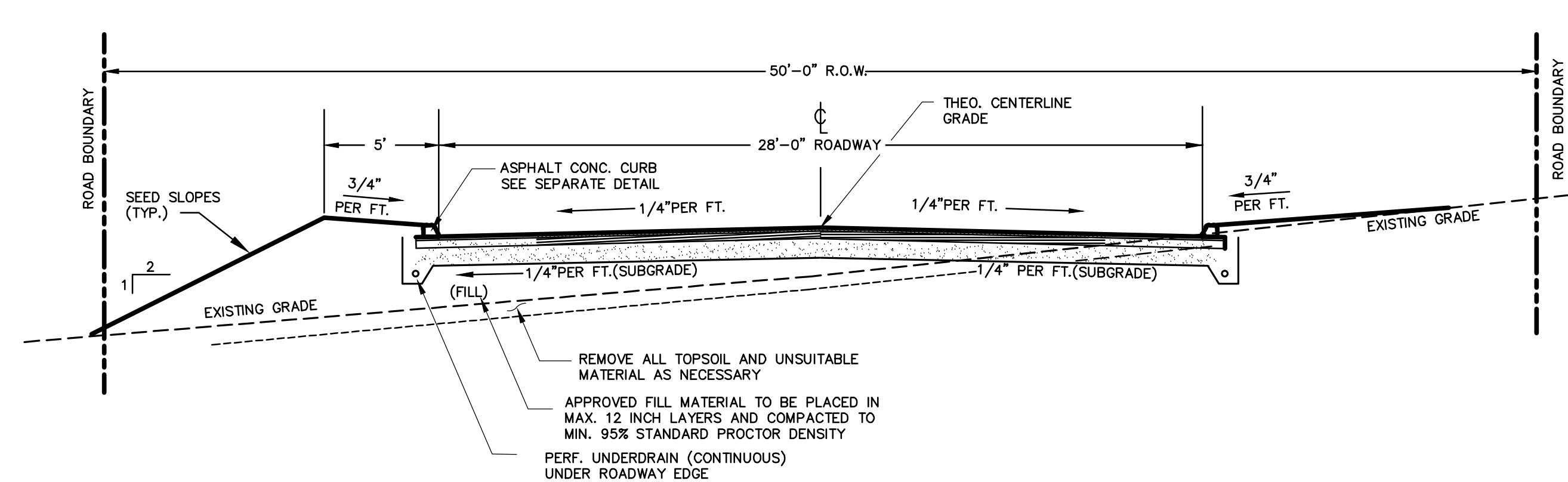
DRAINAGE STRUCTURE TABLE					
INLET NO.	DR5	DR6	DR7	DR8	
TYPE	CB-A	CB-A	CB-A	CB-A	
PIPE	15" HDPE	18" HDPE	15" HDPE	15" HDPE	
LENGTH	35 LF	230 LF	75 LF	114 LF	
FRAME (EL)	405.2	401.3	405.2	411.1	
INV. (IN)	-	-	401.9	-	
INV. (IN)	-	398.0	401.9	408.1	
INV. (IN)	-	-	-	-	
INV. (OUT)	402.2	397.3	401.2	406.1	

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**

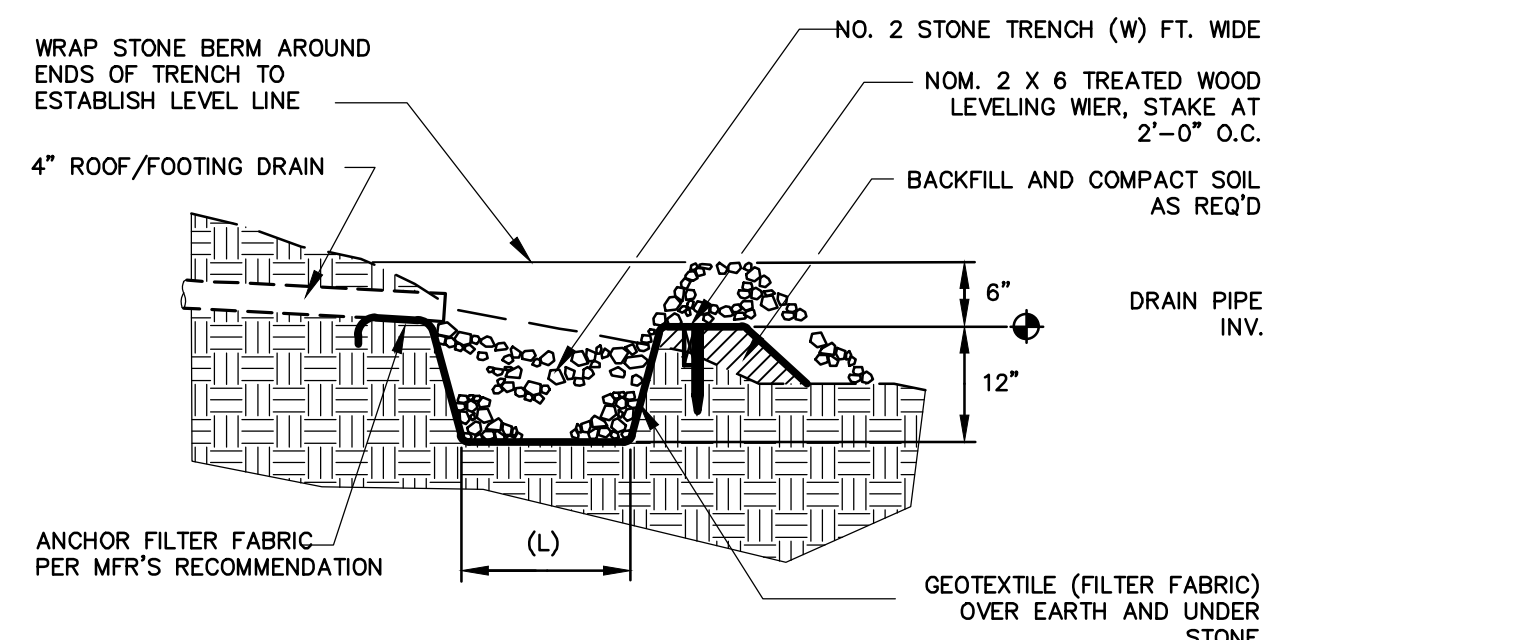
N.T.S.



**ROADWAY PAVEMENT**

**TYPICAL SECTION - MINOR RESIDENTIAL ROAD**

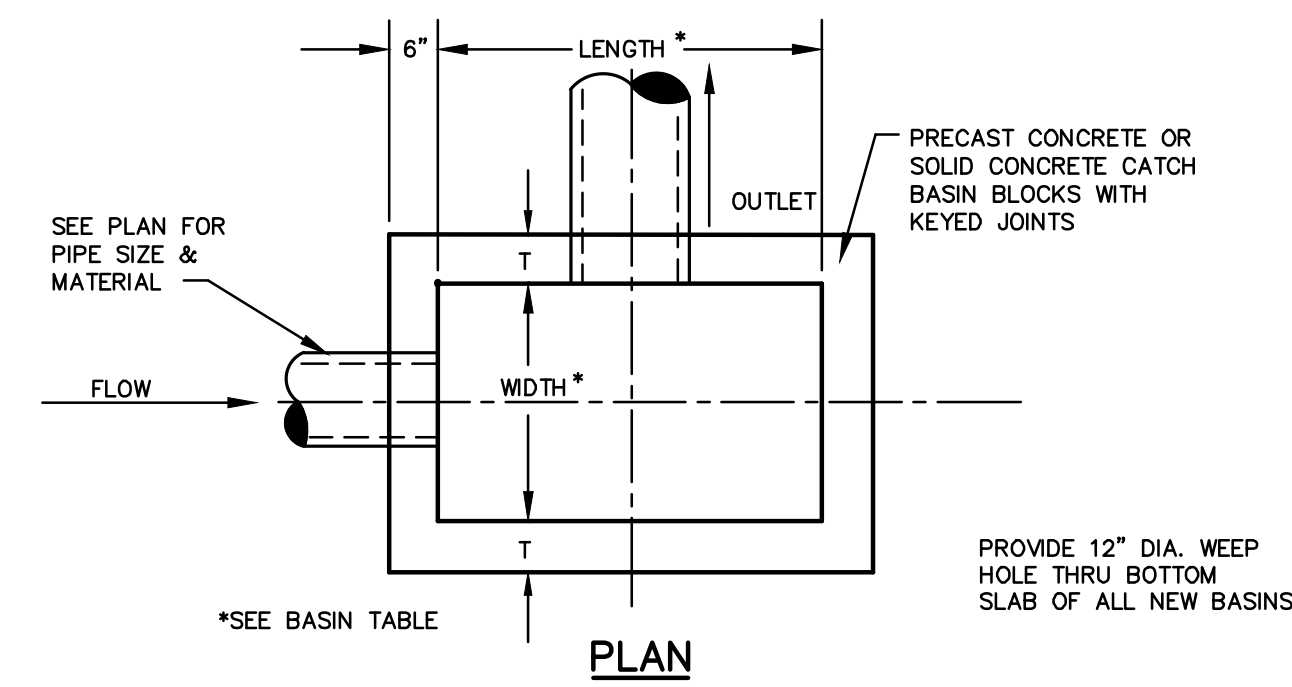
N.T.S.



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

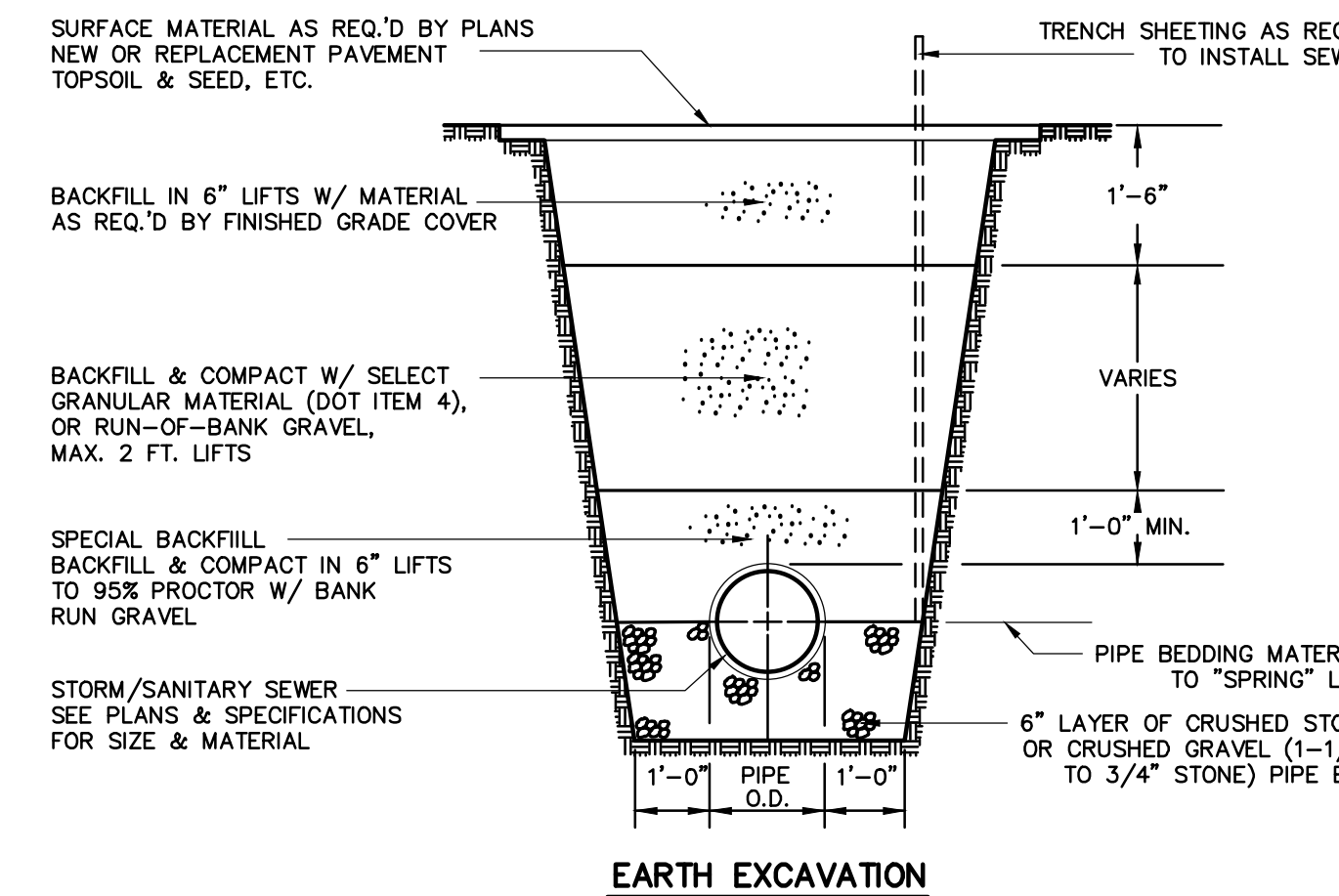
**ROOF DRAIN OUTLET DETAIL**

N.T.S.



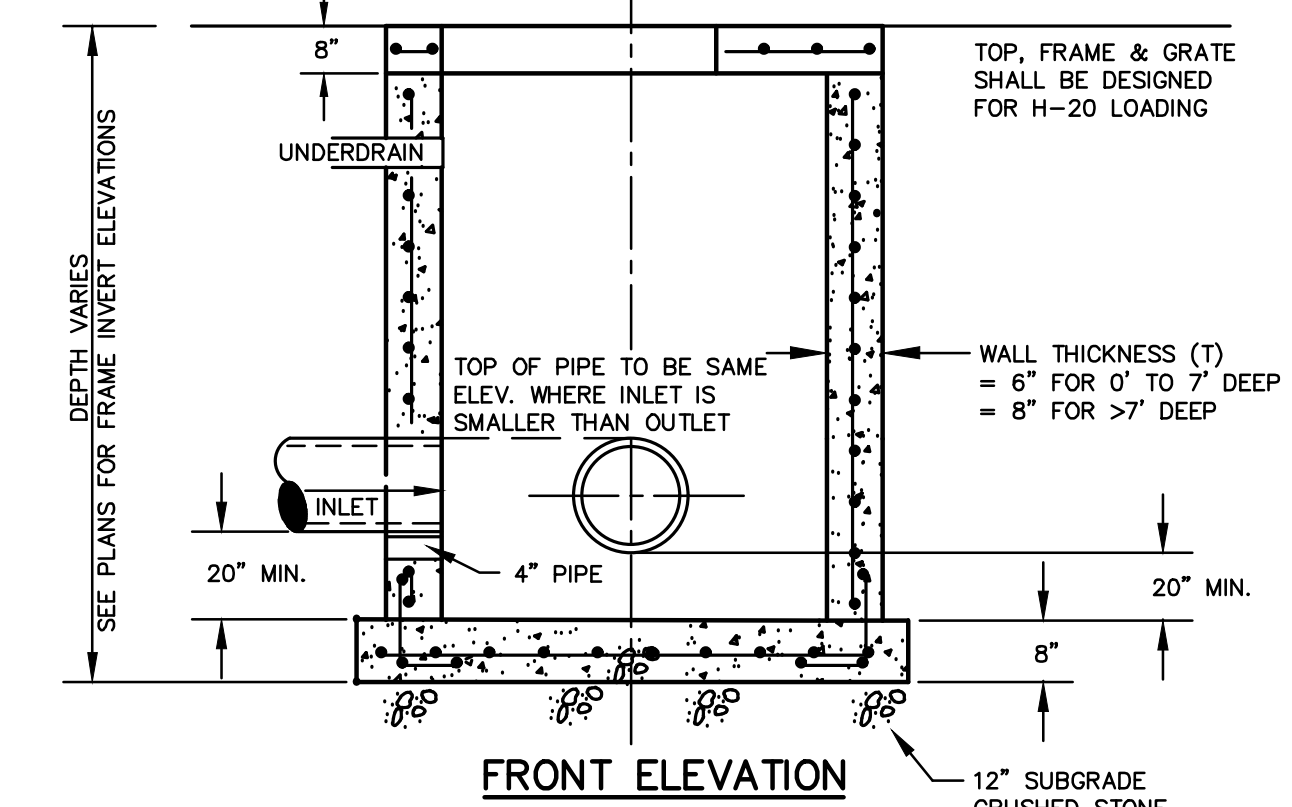
**CATCH BASIN FRAME**

N.T.S.



**TYPICAL STORM SEWER TRENCH DETAIL**

N.T.S.



**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.

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

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

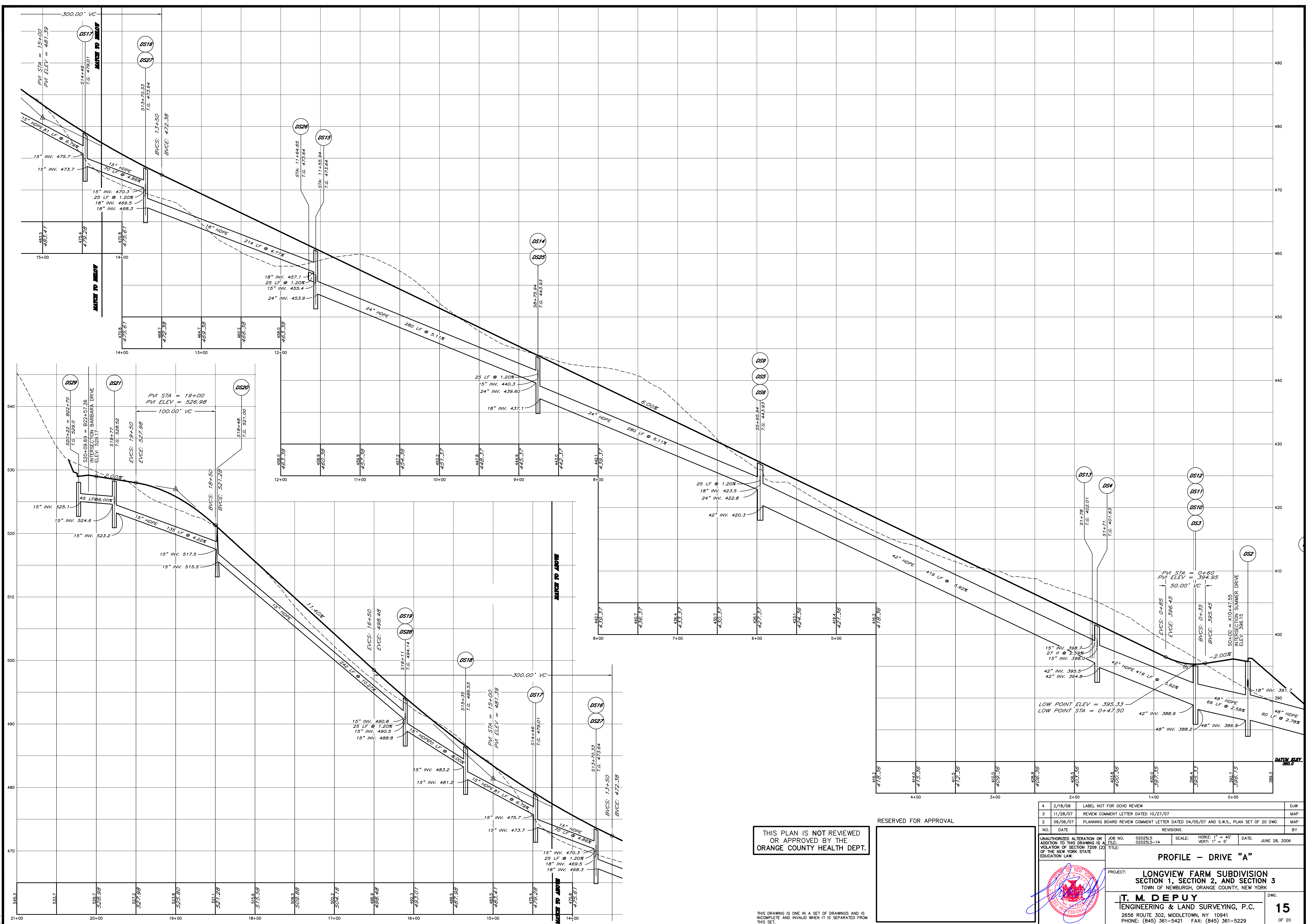
**T. M. DEPUY**  
ENGINEERING & LAND SURVEYING, P.C.  
2856 ROUTE 302, MIDDLETOWN, NY 10941  
PHONE: (845) 361-5421 FAX: (845) 361-5229

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.

10/17/2022 - REVISE PROJECT





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RESERVED FOR APPROVAL

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

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

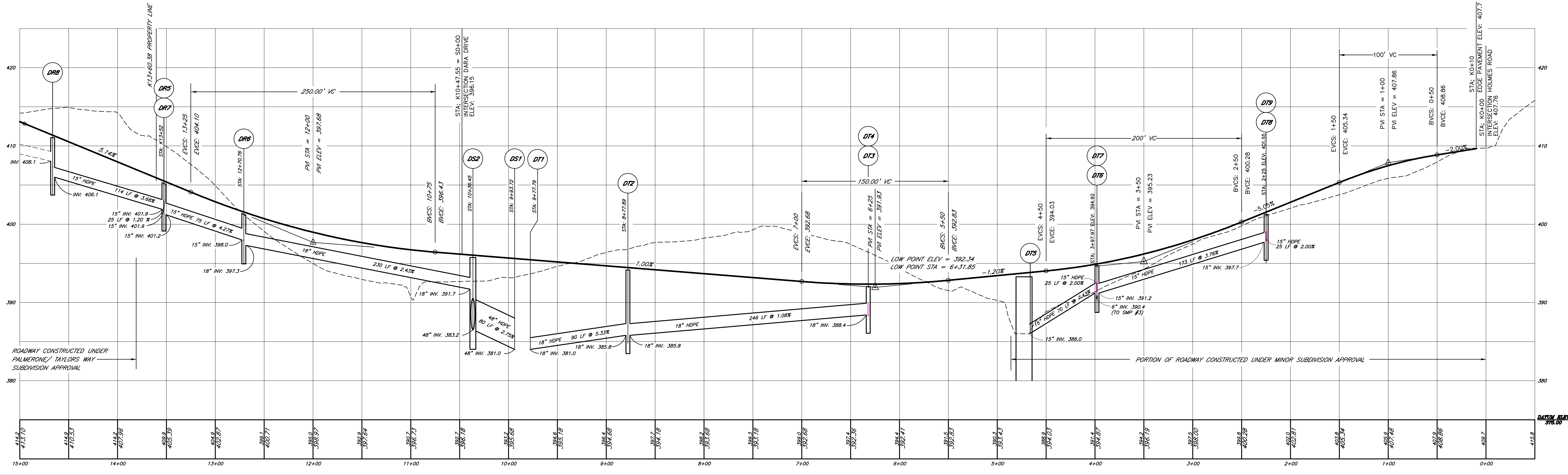
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DWG. **15**  
OF 20

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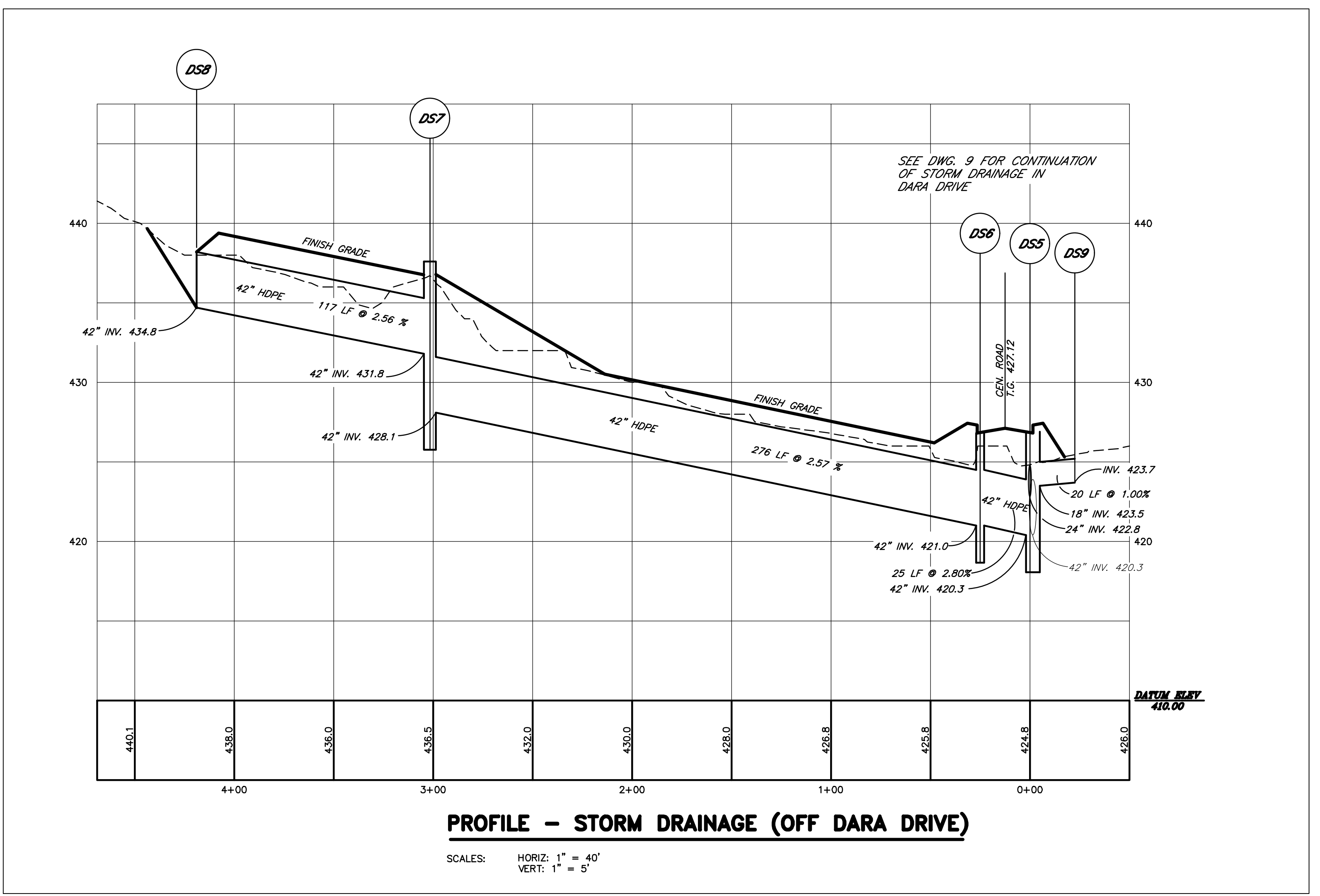
10/17/2022 - REVIVE PROJECT





**PROFILE - DARA DRIVE**

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



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

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

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RESERVED FOR APPROVAL

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1	2/21/07	PB REVIEW COMMENTS	DJW

NO.	DATE	REVISIONS	BY

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**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

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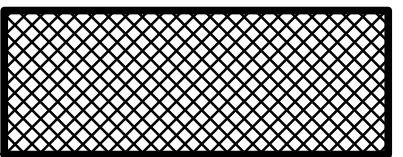
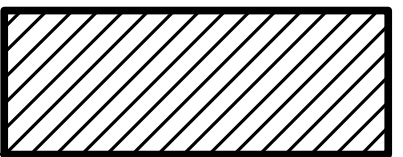
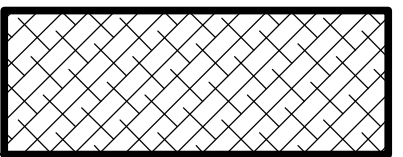
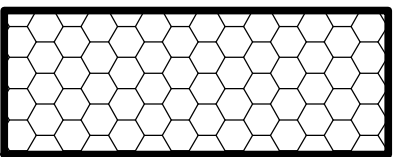


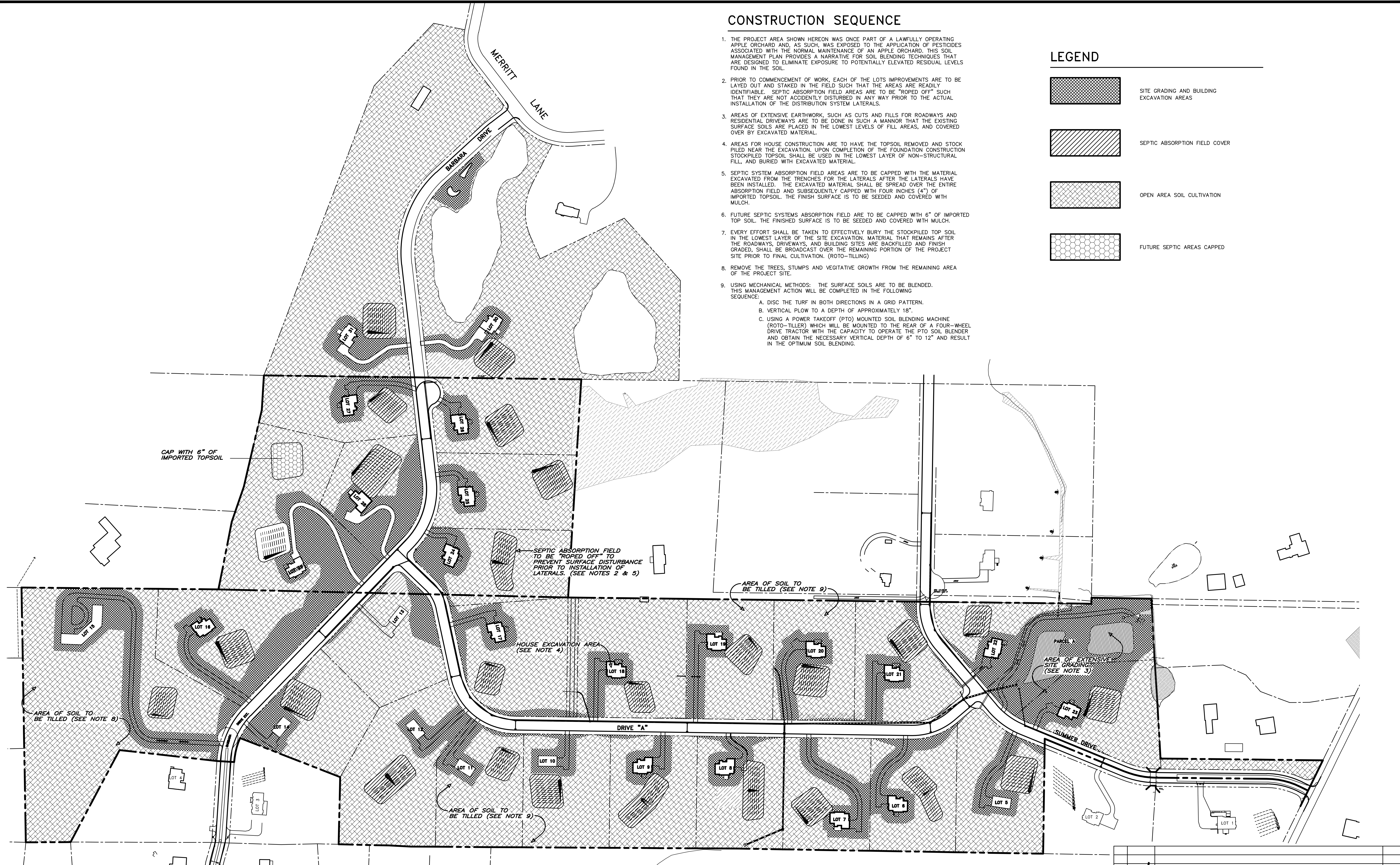


# CONSTRUCTION SEQUENCE

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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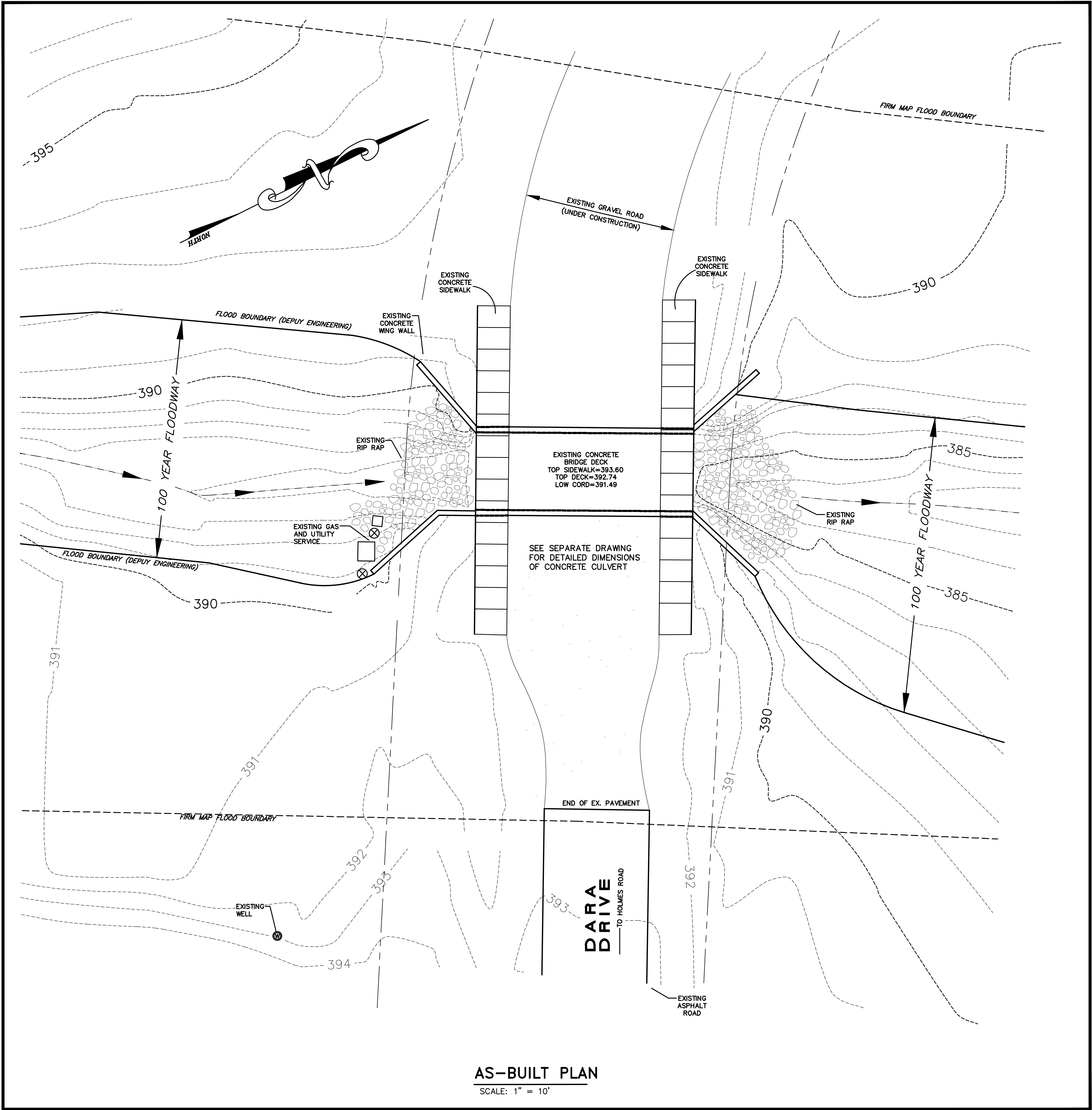
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3	11/28/07	REVIEW COMMENT LETTER DATED 10/27/07	MAP
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1	2/21/07	PB REVIEW COMMENTS	DJW

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<b>AGRICULTURAL SOIL MANAGEMENT PLAN AND NOTES</b>			
PROJECT: <b>LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3</b> TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK			
<b>T. M. DEPUY</b> ENGINEERING & LAND SURVEYING, P.C. 2856 ROUTE 302, MIDDLETOWN, NY 10941 PHONE: (845) 361-5421 FAX: (845) 361-5229			DWG. <b>18</b> OF 20





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

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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 FILE: 02025L5-19-20	SCALE: 1" = 10'
		TITLE: <b>AS BUILT PLAN - CONCRETE CULVERT</b>	DATE: JULY 2, 2007
		PROJECT: <b>LONGVIEW FARM SUBDIVISION SECTION 1, SECTION 2, AND SECTION 3</b> TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK	
		<b>T. M. DEPUY</b> ENGINEERING & LAND SURVEYING, P.C. 2856 ROUTE 302, MIDDLETOWN, NY 10941 PHONE: (845) 361-5421 FAX: (845) 361-5229	CULVERT AS-BUILT DWG. OF 2 DWC. OF 2 <b>19</b> OF 20

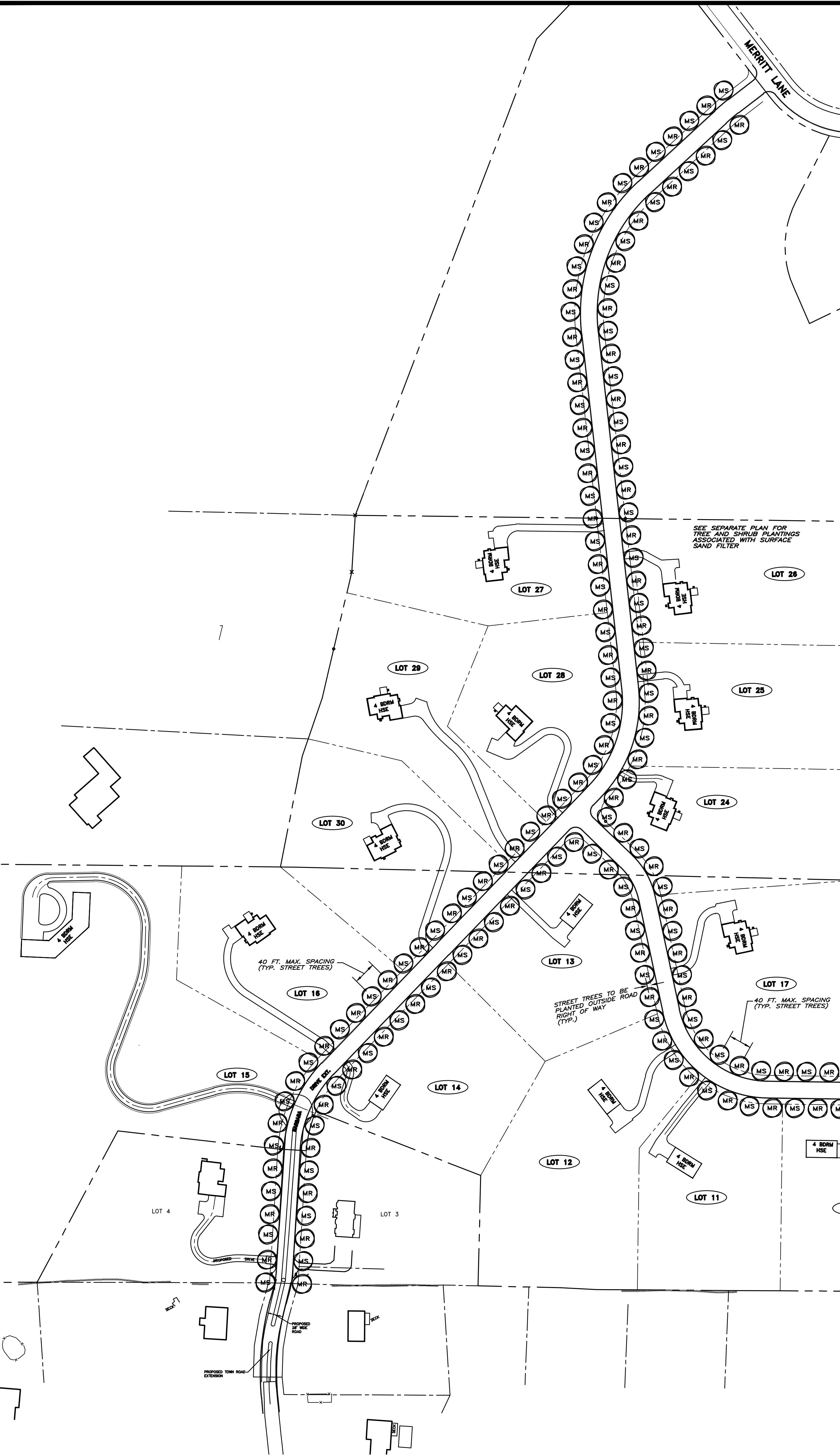


10/17/2002 - REVIVE PROJECT









**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.

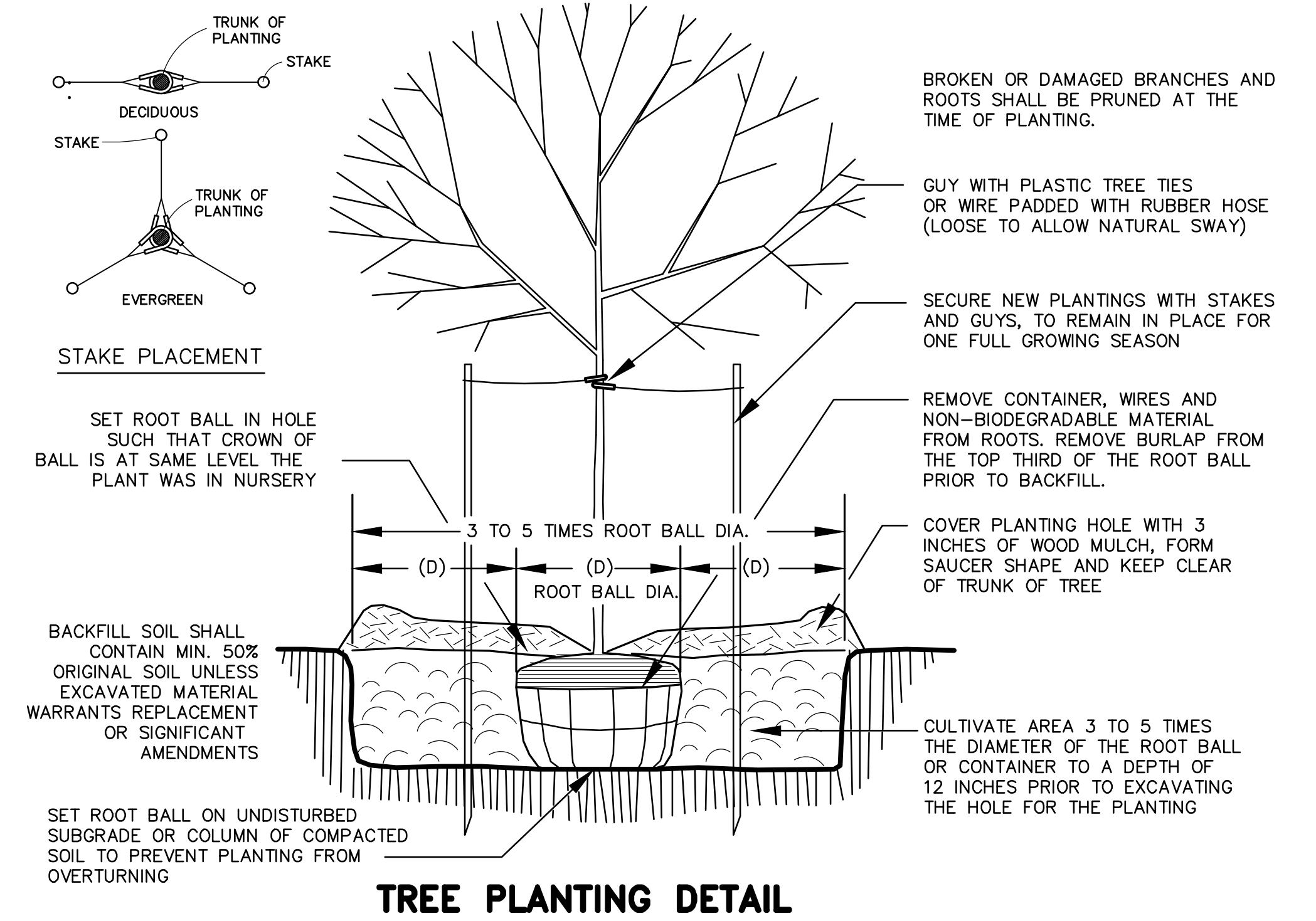
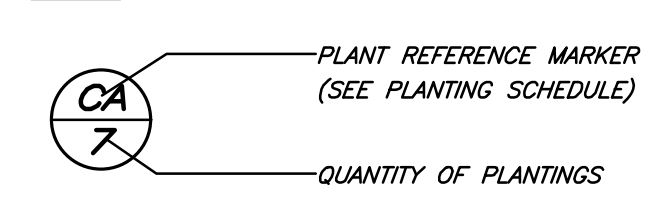
**PLANTING TABLE**

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 LOOSENEED 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

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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