TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS

PROJECT NAME:	**LONGVIEW FARM**
PROJECT NO.:	**06-39**
PROJECT LOCATION:	**SECTION 20, BLOCK 1, LOT 1**
	SECTION 20, BLOCK 1, LOT 3.35
REVIEW DATE:	**13 JANUARY 2023**
MEETING DATE:	**19 JANUARY 2023**
PROJECT REPRESENTATIVE:	**T.M. DEPUY ENGINEERING & LAND SURVEYING, PC**

1. The project is before the Board for a 27 lot subdivision, three stormwater management parcels and roadway. The project is requesting a phased approval for the entire project with Section 2 to be constructed under the initial phase.

2. We requested the applicant fill out a new Environmental Assessment Form. The new Environmental Assessment Form identifies habitat for protected Bat Species. This was not an issue in the 2008 SEQRA review for the project. The applicants representative have added a Site Clearing note requiring clearing on the site to be completed only during October 31st and March 31st.

3. Health Department approval continues to be valid on the site.

4. Issues with the existing stream crossing culvert from Holmes Road exists. Improvements to the stream crossing are required.

5. Security for Stormwater Management, Town roadways and landscaping must be posted and should be a condition of any approval.

6. The offers of dedication and cession for all Town roadways and drainage lots should be provided.

7. A Soil Mitigation Plan was required to address previous agricultural use on the site. Each of the lots requires certain soil mitigations to be undertaken in accordance with the Health Department Plans.

8. The proposed culvert crossing identifies sidewalks on both sides of the culvert in a 28 foot wide driving lane. It is unclear if that exists.

9. Conduits in the culvert are identified to be removed or relocated. The conduits should be removed from interior of the culvert pipe.

10. There remains a question of whether the drainage district which incorporated this parcel was ever completely formed by the Town of Newburgh. If Drainage District "X" has not been formed, a separate drainage district for these parcels must be formed to assure long term operation and maintenance of the stormwater features.

11. Certain portions of the stormwater features cross lot lines. Easements must be filed to allow grading of the Stormwater Management Facilities across lot lines.

12. Off site grading is required at the location where Dara Drive crosses into the adjoining subdivision. Easements for this work should be confirmed.

13. A cul-de-sac currently exists which must revert to adjoining land owners. Legal agreements regarding that property transfer should be provided for review and approval by the Town Attorney.

14. A cross grading note exists on the Grading Plans which states, "all grading and cross grading between lots indicated on this subdivision plat and plan will be accomplished prior to the transfer of any lots". Dominic Cordisco's comments regarding this note should be received.

15. The current Highway Superintendent's comments regarding the proposed use of asphalt curb on the site should be received. While this was approved during the initial review by the then Highway Superintendent, concrete curb is typically required per the Town Standard Details.

16. A drainage easement is depicted on Sheet 5, which crosses the rear of the lots 8 thru 12. It is unclear who this drainage easement is in favor of and who will operate and maintain it. The drainage district should most likely be the recipient of the easement.

17. The applicants are asked to discuss the current end of Barbara Drive, which contained original Lot #3 & 4 of the subdivision. A concrete island inconsistent with the Town Road Specification was constructed within this area. The applicant should confirm that the concrete island is proposed to be removed and a 28 foot wide roadway section is proposed.

18. The applicant's representative are requested to identify the reasons for the replacement septic system shown in Section 1, Phase 3 & 4.

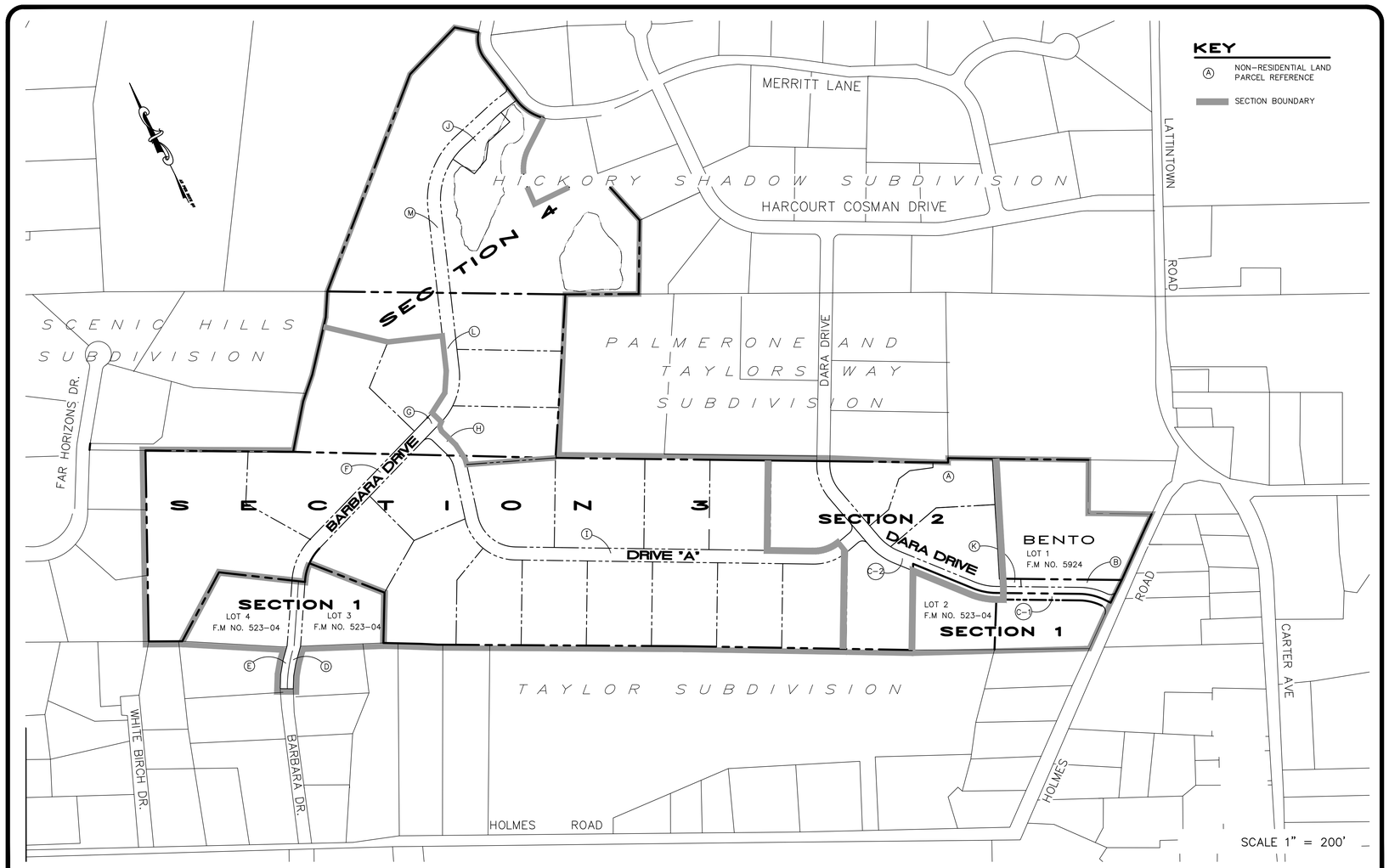
19. The applicant should identify if a Five Acre Waiver for construction activities is to be requested.

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

1. 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.
2. 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.
3. 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.
4. A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY, ANY 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.
5. THE PURCHASER OF EACH LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND 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.
6. SOIL MITIGATION IN ACCORDANCE WITH THE APPROVED PLAN MUST BE COMPLETED PRIOR TO OCCUPANCY.
7. 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.

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 OUTLINED 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 PROPERTY DESCRIBED HEREIN ARE ADVISED TO FAMILIARIZE THEMSELVES WITH THE DETAILS OF THIS SOIL MANAGEMENT PLAN. IN CONJUNCTION WITH SAID PLAN, A CERTIFICATE OF A PROFESSIONAL ENGINEER LICENCED 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.

LEGEND

SYMBOLS

- PROPERTY LINE
- ADJOINING LOT LINE
- EASEMENT LINE
- CONSERVATION EASEMENT LINE
- CONTOURS (EXISTING/PROPOSED)
- WATER EDGE OR STREAM
- GUIDE RAIL
- FENCE LINE
- STONEWALL
- EDGE OF PAVEMENT
- OVERHEAD UTILITY LINE
- TREELINE
- UTILITY POLE
- WELL
- DIVERSION SWALE
- DAYLITE OUTLET W/RODENT SCREEN
- SEPTIC CURTAIN DRAIN (PERFORATED/SOLID)
- 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

ABBREVIATIONS

CB	CATCH BASIN
CD/P	PERF. SEPTIC CURTAIN DRAIN PIPE
CD/S	SOLID SEPTIC CURTAIN DRAIN PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC.	CONCRETE
ELEV	ELEVATION
FFE	FINISHED FLOOR ELEVATION
HDPE	HIGH DENSITY POLYETH.PIPE (SMOOTH INTERIOR)
HP	HIGH POINT
INV	INVERT
LF	LINEAR FOOT
LP	LOW POINT
LSE:	LOWEST SEWER ELEVATION (INV)
PROP.	PROPOSED
RCP	REINFORCED CONCRETE PIPE

UDIG • NY
SAFE DIGGING STARTS HERE

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:

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

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

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 (7/22/08)	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 FILE: 02025L5-01 | SCALE: 1" = 200' | DATE: JUNE 28, 2006

TITLE: GENERAL AREA PLAN AND INDEX

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. 1 OF 20

10/17/2022 - REVISE PROJECT 11/08/22= 4 SECTIONS

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 LAWS*" 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 SPRAYED 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 BE 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 FOOTING 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 DETAILED 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
2. ROBERT HANKIN (20-1-140), 5125 PINE DRIVE, BOYNTON BEACH, FLORIDA 33437
3. NICHOLAS DEROSA & ELYSSA FRIED (20-1-3.32), 5 SUMMER DRIVE, NEWBURGH, NEW YORK 12550
4. ZEF DJURASEVIC & LULA GJURASHAJ (20-1-3.33), 126 BARBARA DRIVE, NEWBURGH, NEW YORK 12550
5. SUMMER KIM CORP. (20-1-3.34), C/O ROBERT HANKIN, 5125 PINE DRIVE, BOYNTON BEACH, FLORIDA 33437
5. KEVIN BENTON (20-1-3.12), 12 HOLMES ROAD, NEWBURGH, NEW YORK 12550
6. ROBERT HANKIN (7-3-21), 5125 PINE DRIVE, BOYNTON BEACH, FLORIDA 33437

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 3.1 (LOT 1, F.M. 5924)
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 12261, PAGE 1381
SBL: 20-1-3.34	LIBER 11586, PAGE 1617
SBL: 20-1-3.12	NO DEED REFERENCE
SBL: 7-3-21	LIBER 14487, PAGE 1821

PARENT PARCEL AREA:

ROBERT HANKIN (20-1-1)	13.660 ACRES
ROBERT HANKIN (20-1-140)	48.775 ACRES(*)
NICHOLAS DEROSA & ELYSSA FRIED (20-1-3.32)	2.223 ACRES
ZEF DJURASEVIC & LULA GJURASHAJ (20-1-3.33)	2.009 ACRES
SUMMER KIM CORP., C/O ROBERT HANKIN (20-1-3.34)	2.234 ACRES
KEVIN BENTON (20-1-3.12)	2.645 ACRES
ROBERT HANKIN (7-3-21)	16.256 ACRES
	87.802 ACRES

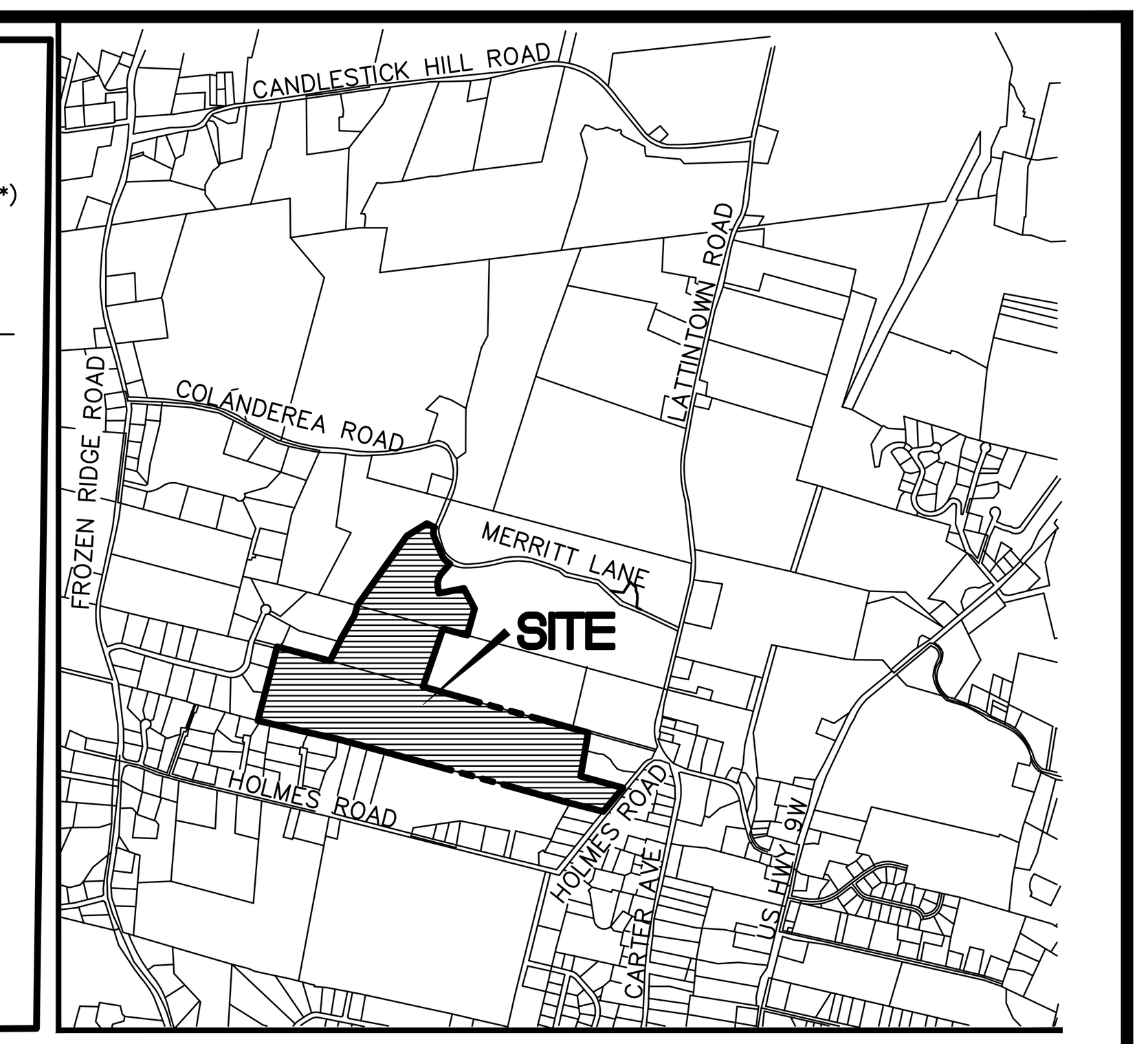
NUMBER OF LOTS: 27 RESIDENTIAL LOTS
3 STORMWATER PARCELS (A, J & K)
30 LOTS
(PLUS 5 LOT LINE CHANGES)

EXISTING ZONING: AR ZONE

AR (AGRICULTURAL-RESIDENTIAL) ZONING REQUIREMENTS:

D1 USE GROUP	
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	80 FEET
REAR YARD	50 FEET
DEVELOPMENT COVERAGE	20%
BUILDING COVERAGE	10%

(*) 48.775 ACRE AREA = 48.335 ACRES PLUS 0.440 ACRE STORM PARCEL REFERENCED IN NOTE 16



LOCATION MAP

LONGVIEW FARM SUBDIVISION PLAT

GRAPHIC SCALE

(IN FEET)
1 inch = 100 ft.

LOT AREA EXCHANGE

	LOT DESCRIPTION	PRESENT LOT AREAS	PROPOSED LOT AREAS	LINE
SECTION 1	LOT 1 (F.M. # 523-04)	–	–	1
	LOT 2 (F.M. # 523-04)	2.223 AC	1.772 AC	2
	LOT 3 (F.M. # 523-04)	2.009 AC	1.784 AC	3
	LOT 4 (F.M. # 523-04)	2.234 AC	1.997 AC	4
	LOT 5 (F.M. # 523-04 & 843-06)	48.335 AC	2.096 AC	5
	STORMWATER PARCEL (NOTE 16)	0.440 AC	–	6
	HICKORY SHADOW LOT 21	16.256 AC	–	7
	TAX LOT 20-1-1	13.660 AC	–	8
	BENTO (20-1-3.1)	2.645 AC	2.945 AC	9
	LOT 6	–	1.886 AC	10
	LOT 7	–	1.852 AC	11
	LOT 8	–	1.850 AC	12
	LOT 9	–	1.859 AC	13
	LOT 10	–	1.871 AC	14
	LOT 11	–	1.879 AC	15
	LOT 12	–	2.687 AC	16
	LOT 13	–	1.929 AC	17
	LOT 14	–	1.804 AC	18
	LOT 15	–	6.415 AC	19
	LOT 16	–	2.705 AC	20
	LOT 17	–	2.246 AC	21
	LOT 18	–	2.635 AC	22
	LOT 19	–	2.058 AC	23
	LOT 20	–	1.862 AC	24
	LOT 21	–	1.882 AC	25
	LOT 22	–	1.115 AC	26
	LOT 23	–	1.965 AC	27
	SUB-TOTAL	87.802 AC	51.094 AC	28

LOT DESCRIPTION	PRESENT LOT AREAS	PROPOSED LOT AREAS	LINE
LOT 24	–	1.958 AC	29
LOT 25	–	1.958 AC	30
LOT 26	–	2.103 AC	31
LOT 27	–	1.715 AC	32
LOT 28	–	1.694 AC	33
LOT 29	–	3.294 AC	34
LOT 30	–	8.153 AC	35
LOT 31	–	6.687 AC	36
PARCEL A (STORMWATER MANAGEMENT PARCEL)		1.889 AC	37
PARCEL B (TRANSFER TO BENTO)	–	*	38
PARCEL C-1 (DARA DRIVE PARCEL)	–	0.450 AC	39
PARCEL C-2 (DARA DRIVE PARCEL)	–	1.087 AC	40
PARCEL D (BARBARA DRIVE EXT.)	–	0.226 AC	41
PARCEL E (BARBARA DRIVE EXT.)	–	0.237 AC	42
PARCEL F (BARBARA DRIVE EXT.)	–	0.730 AC	43
PARCEL G (BARBARA DRIVE EXT.)	–	0.226 AC	44
PARCEL H (DRIVE "A")	–	0.156 AC	45
PARCEL I (DRIVE "A")	–	2.105 AC	46
PARCEL J (STORMWATER MANAGEMENT PARCEL)		0.402 AC	47
PARCEL K (STORMWATER MANAGEMENT PARCEL)		0.055 AC	48
PARCEL L (BARBARA DRIVE EXT.)	–	0.570 AC	49
PARCEL M (BARBARA DRIVE EXT.)	–	1.013 AC	50
SUB-TOTAL	–	36.408 AC	51
SUB-TOTAL (LINE 28 AT LEFT)		51.094 AC	52
AREA TOTALS	87.802 AC	87.802 AC	53

* – 0.300 AC INNCLUDED IN BENTO LINE 9

SURVEY AND PARCEL INFORMATION NOTES:

1. 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.
2. 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 #523-04.
3. 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 DECEMBER 23, 1988 AS MAP #9275.
4. 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 #8770.
5. 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 #9200.
6. MAP REFERENCE: "SUBDIVISION PLAT, 2 LOT SUBDIVISION FOR MICHAEL CIAFFONE" 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 JUNE 7, 1990 AS MAP #9921.
7. MAP REFERENCE: "SCENIC HILLS SUBDIVISION, LOT 12, SECT 6, BLOCK 4, LOT 17" DATED AUGUST 28, 1989, LAST REVISED JUNE 4, 1990, PREPARED BY PAUL V. CUOMO, P.E. AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON JULY 31, 1990 AS MAP #9977.
8. 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.
9. 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, 1996, PREPARED BY VINCENT J. DOCE ASSOCIATES AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON JUNE 17, 1996 AS MAP #115-96.
10. 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 #*.
11. MAP REFERENCE: "SUBDIVISION AND SURVEY MAP OF A PORTION OF LANDS OF THOMAS F. AND DIANE B. TAYLOR SITUATE IN 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 #6089.
12. MAP REFERENCE: "SURVEY & SUBDIVISION MAP OF A PORTION OF LANDS OF THOMAS F. AND DIANE B. TAYLOR SITUATE IN THE TOWN OF NEWBURGH, ORANGE CO., 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 #6978.
13. 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 #8018.
14. 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 AS MAP #8368.
15. 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 #5924.
16. 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.
17. DEED COVENANT RESERVING " A LIMITED POWER OF ATTORNEY TO MAKE ALL APPLICATIONS NECESSARY TO THE TOWN OF NEWBURGH PLANNING BOARD TO TO EFFECT RE-SUBDIVISION. . . DEDICATION OF SUCH 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.

LINE TABLE

LINE	LENGTH	BEARING'	BEARING A
L1'/L1A	20.00	S27°04'22"W	N27°04'22"E
L2'/L2A	90.00	N71°09'49"W	S71°09'49"E
L3'/L3A	52.00	S79°31'04"W	N79°31'04"E
L4'/L4A	125.00	S44°44'54"W	N44°44'54"E
L5'/L5A	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

1 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.
2. 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.
3. 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.
4. A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY, ANY 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.
5. THE PURCHASER OF EACH LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND 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.
6. SOIL MITIGATION IN ACCORDANCE WITH THE APPROVED PLAN MUST BE COMPLETED PRIOR TO OCCUPANCY.
7. 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 PLAN WILL BE ACCOMPLISHED PRIOR TO TRANSFER OF ANY OF THE LOTS.

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

RESERVED FOR APPROVAL

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 FOR RESIDENTIAL LOTS AND FURTHER, THAT SUCH DESIGN IS BASED ON ACTUAL SOIL AND SITE CONDITIONS FOUND UPON EACH LOT AT THE DESIGN LOCATION AT THE TIME OF SUCH DESIGN.

THOMAS M. DE PUY, P.E., NYS LICENSE #057844

"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 TRACING OF THIS SURVEY MAP MARKED WITH THE LAND SURVEYOR'S SEAL IN RED SHALL BE CONSIDERED VALID, 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 DELAWARE-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, INSTITUTIONS, THEIR SUCCESSORS AND/OR ASSIGNS, OR SUBSEQUENT OWNERS."

I HEREBY CERTIFY TO THE TOWN OF NEWBURGH THAT THIS SUBDIVISION MAP IS THE RESULT OF AN ACTUAL FIELD SURVEY PREPARED BY T.M. DEPUY ENGINEERING & LAND SURVEYING, P.C. ON NOVEMBER 14, 2002.

THOMAS M. DE PUY, L.S., NYS 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

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: 02025L5-02 SCALE: 1" = 100' DATE: JUNE 28, 2006

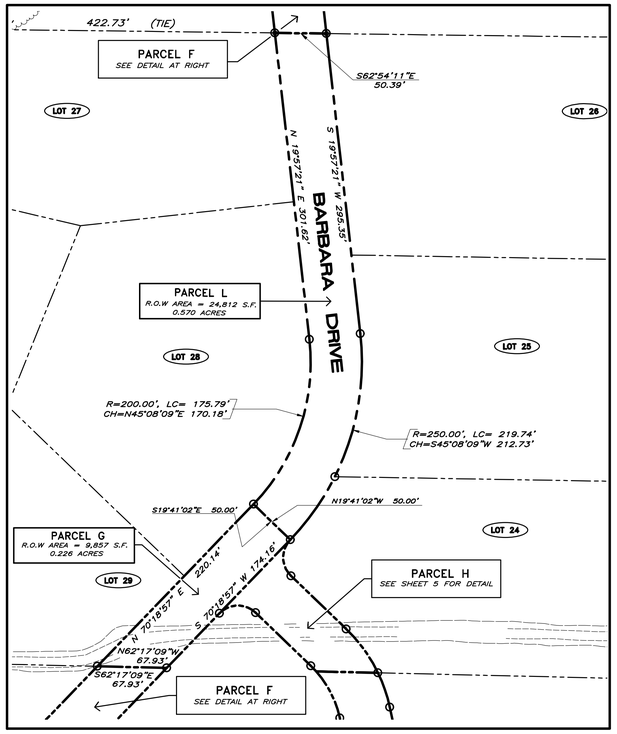
TITLE: **PRELIMINARY SUBDIVISION PLAT OF LOT 5 OF FILED MAP # 523-04, INCLUDING AMENDMENTS BY FILED MAP # 843-06**

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

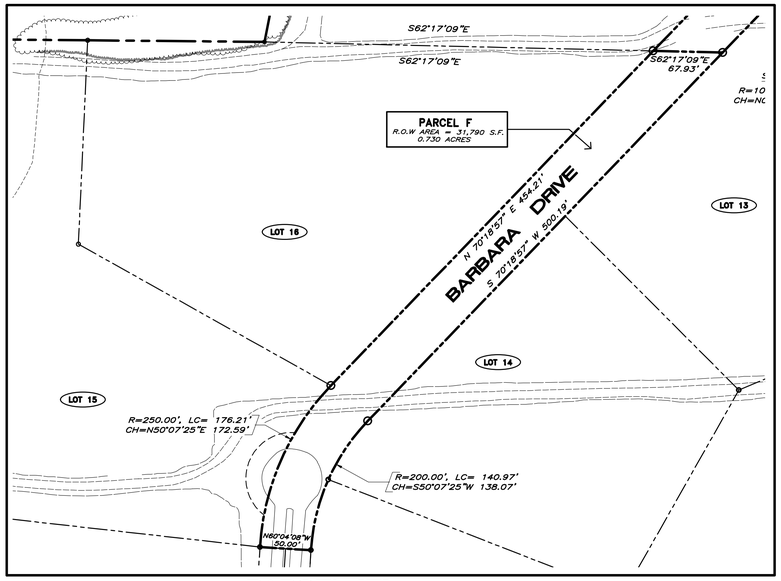
T. M. DEPUY
ENGINEERING & LAND SURVEYING, P.C.
2656 ROUTE 302, MIDDLETOWN, NY 10941
PHONE: (845) 361-5421 FAX: (845) 361-5229

DWG. **2** OF 20

10/17/2022 – REVIVE PROJECT: 1/6/2023 SECTIONS



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



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

REVISED BENTO PARCEL

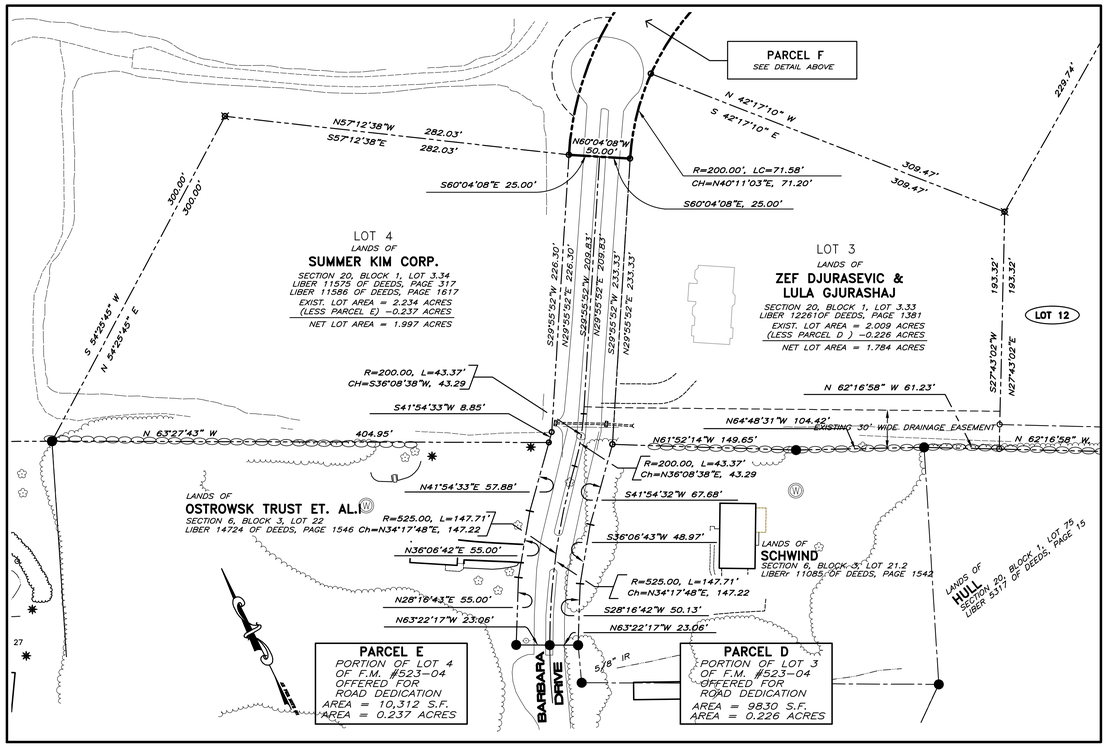
PARCEL	DESCRIPTION	AREA (S.F.)	AREA (ACRES)
BENTO	LOT 1 OF F.M. # 5924 TAX SECTION 20, BLOCK 1, LOT 3.1	115,205 S.F.	2.645 ACRES
PARCEL B	PORTION OF LOT 5 OF F.M. # 523-04 TRANSFER TO BENTO	13,063 S.F.	0,300 ACRES
BENTO	REVISED BENTO PARCEL AREA	**128,268 S.F.**	**2.945 ACRES**

REVISED LOT 2

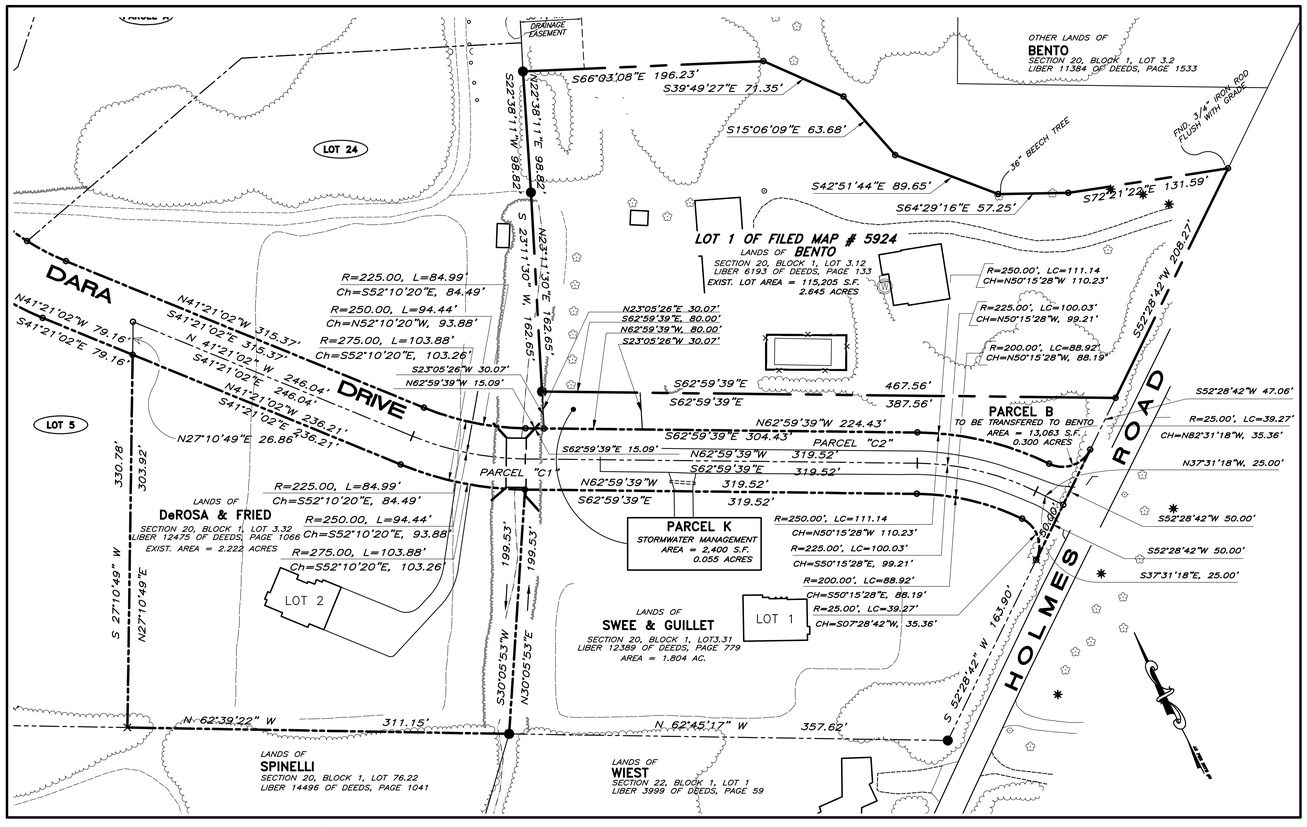
PARCEL	DESCRIPTION	AREA (S.F.)	AREA (ACRES)
LOT 2	LOT 2 OF F.M. # 523-04	96,820 S.F.	2.223 ACRES
PARCEL C1	PORTION OF LOT 2 OF F.M. # 523-04 OFFERED FOR ROAD DEDICATION (DARA DRIVE)	19,616 S.F.	0,450 ACRES
LOT 2	REVISED LOT 2 AREA	**77,204 S.F.**	**1.772 ACRES**

PARCEL K

PARCEL	DESCRIPTION	AREA (S.F.)	AREA (ACRES)
PARCEL K	PORTION OF LOT 5 OF F.M. # 523-04 TRANSFER TO BENTO	2,400 S.F.	0.055 ACRES



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'

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	1

RESERVED FOR APPROVAL

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

JOB NO. 02025L5 SCALE: 1" = 50' DATE: JUNE 28, 2006
FILE: 02025L5-03-05

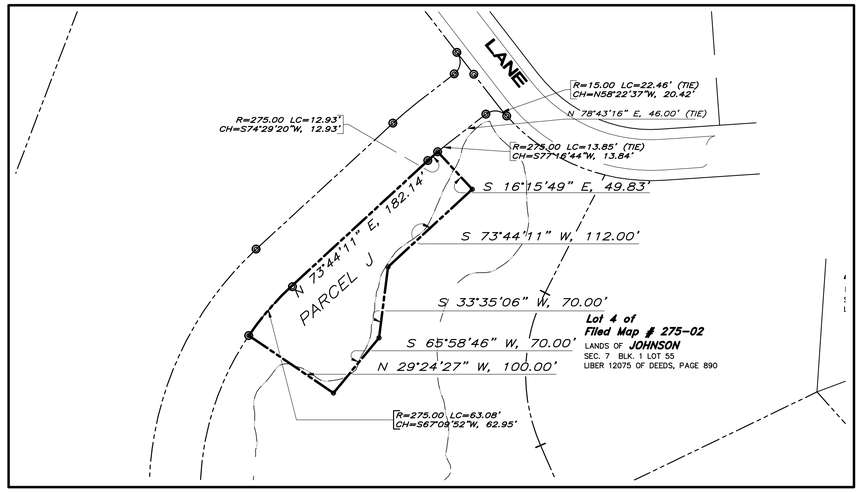
TITLE: SUBDIVISION PLAT OF LOTS 2,3, AND 4 OF FIELD MAP # 523-04 , LOT 1 OF FILED MAP # 5924, AND LOT 13-2 OF FILED MAP # 105-93

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

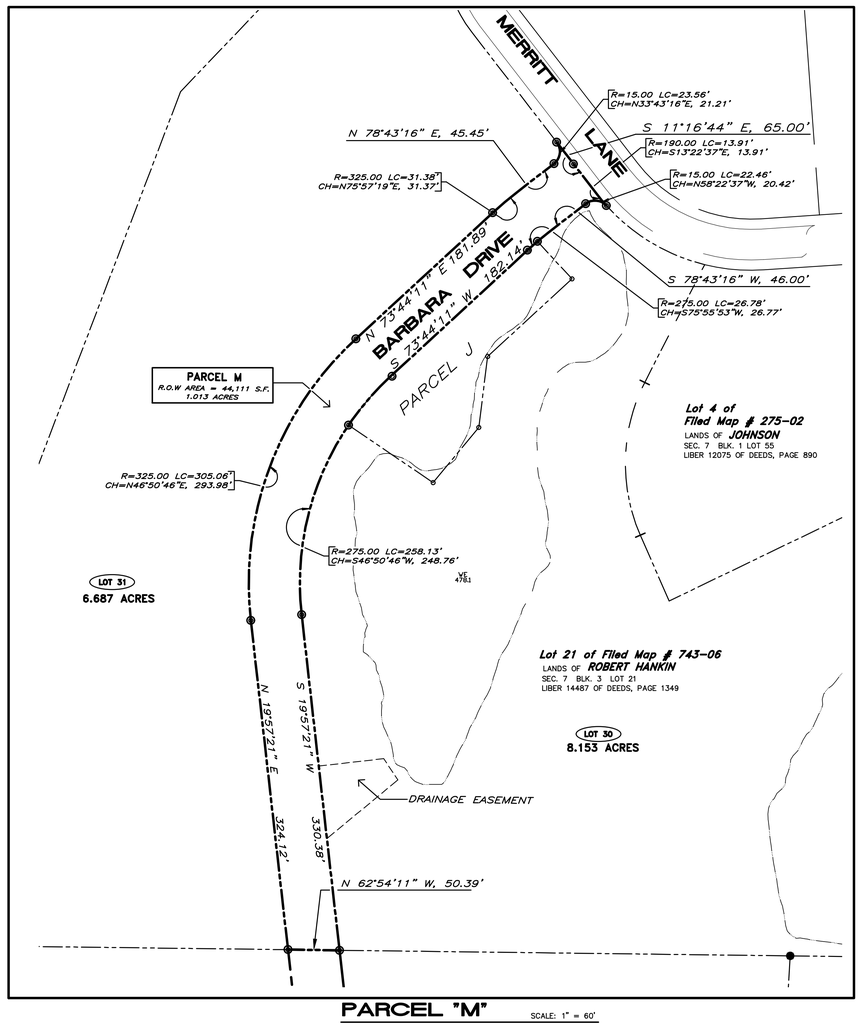
DWG. 3 OF 20

10/17/2022 - REVVE PROJECT



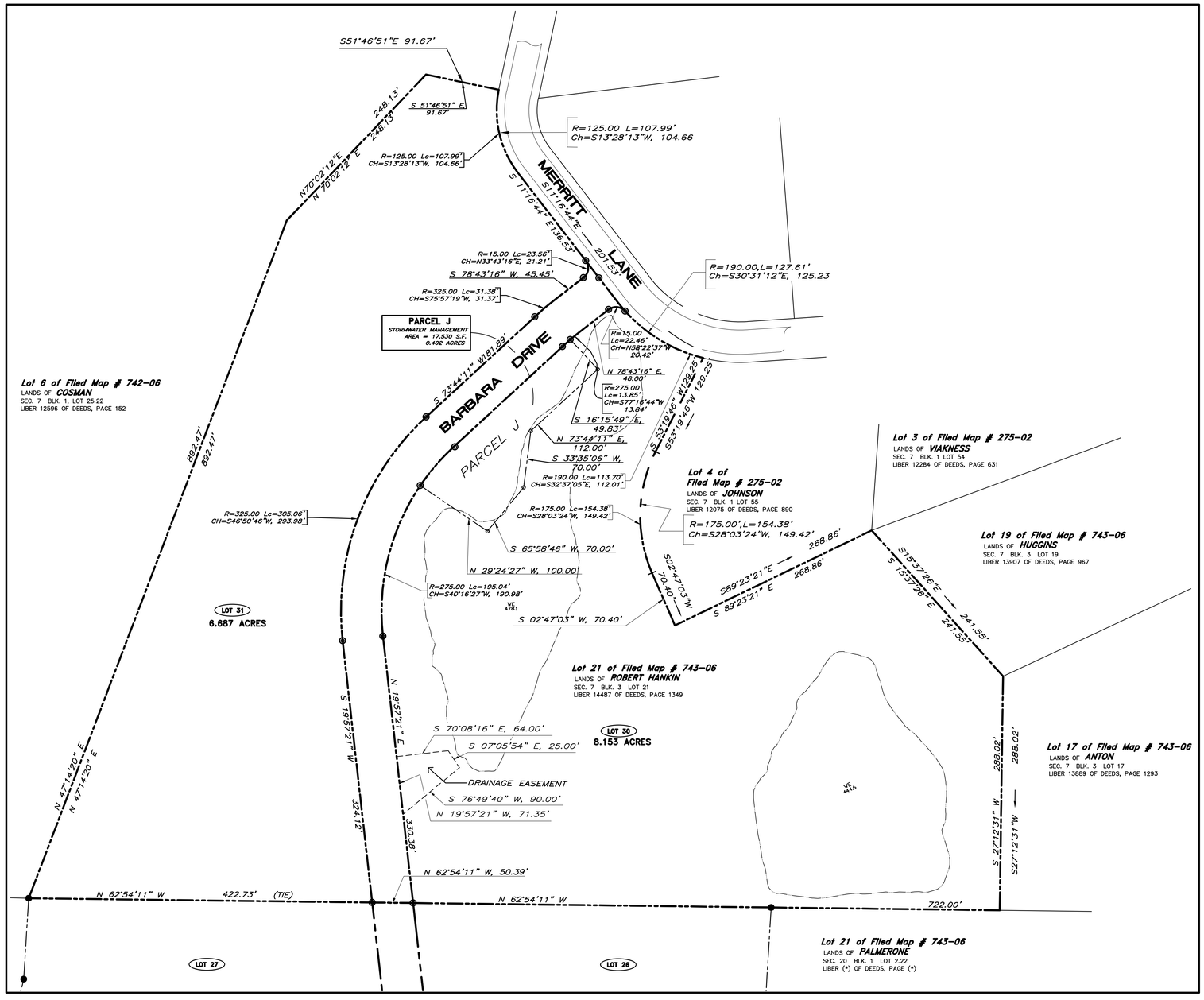
DETAIL - "C"
SCALE: 1" = 60'

STORMWATER PARCEL "J"



PARCEL "M"
SCALE: 1" = 60'

BARBARA DRIVE



DETAIL - "D"
SCALE: 1" = 60'

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

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

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

JOB NO. 02025L5
FILE: 02025L5-03-05
SCALE: 1" = 60'
DATE: FEBRUARY 21, 2007

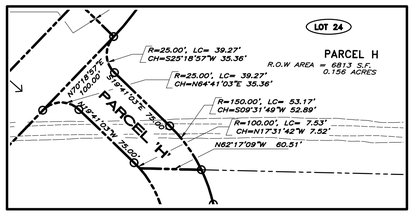
TITLE:
RESUBDIVISION OF LOT 21 OF FILED MAP # 743-06

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.
2656 ROUTE 302, MIDDLETOWN, NY 10941
PHONE: (845) 361-5421 FAX: (845) 361-5229

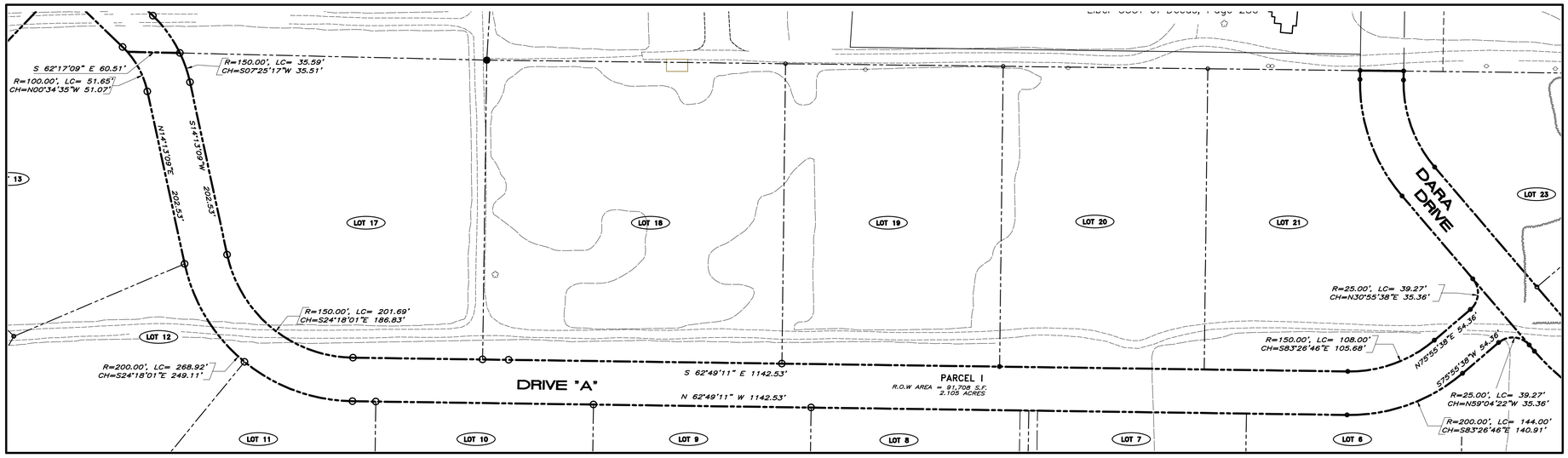
DWG. 4 OF 20

10/17/2022 - REVIVE PROJECT



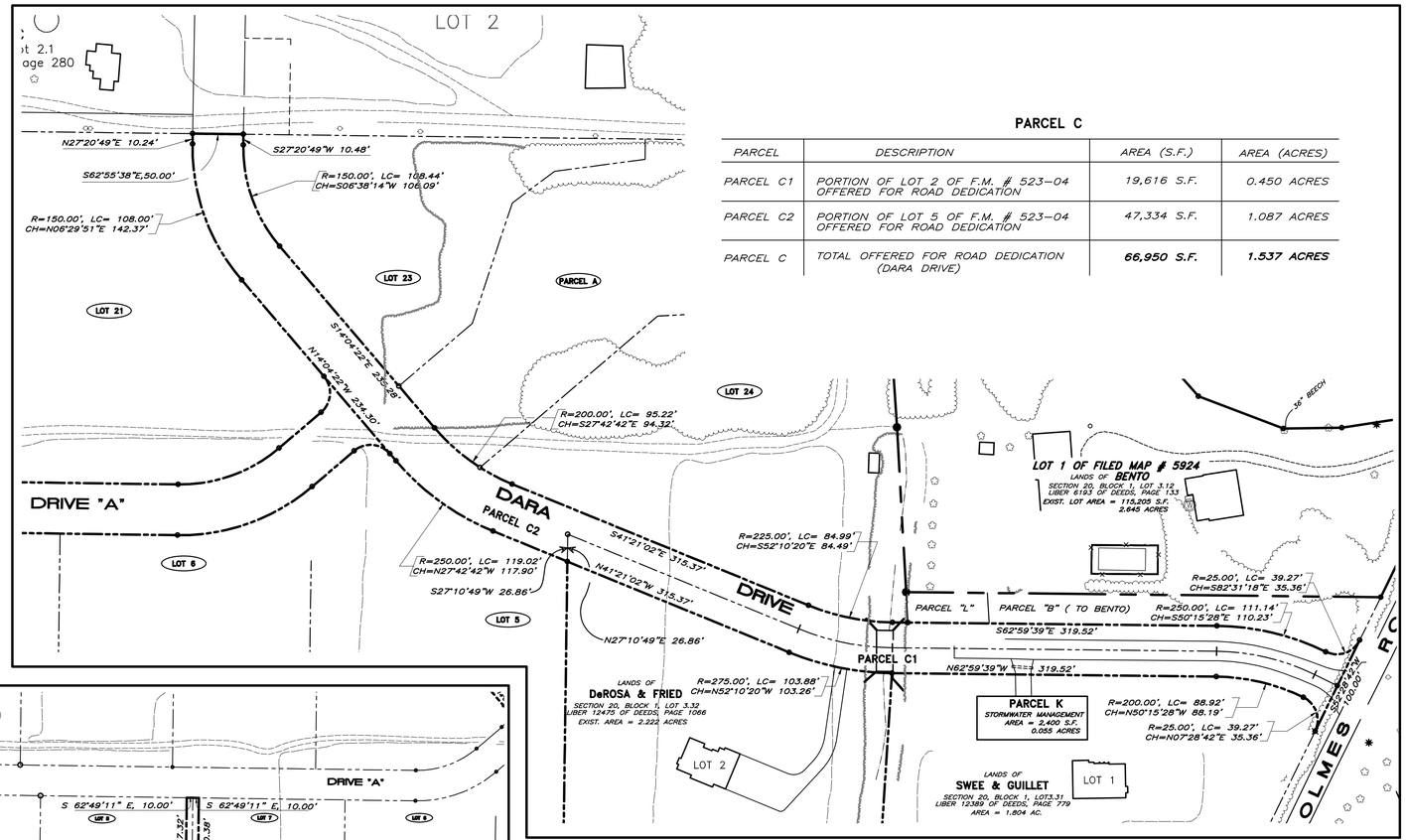
PARCEL "H"
(DRIVE 'A')

SCALE: 1" = 60'



PARCEL I
(DRIVE "A")

SCALE: 1" = 60'

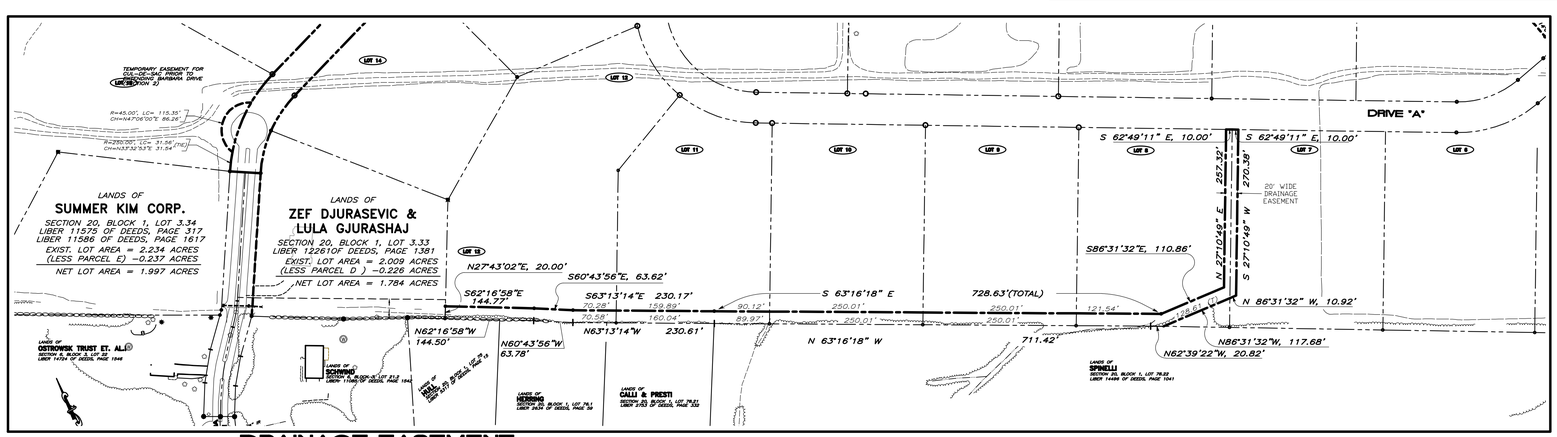


PARCELS "C1" AND "C2"
DARA DRIVE

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'

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

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	11/27/07	REVISED PARCEL "G"	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 | SCALE: AS SHOWN | DATE: JUNE 28, 2006
FILE: 02025L5-03-05

TITLE:
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.
2656 ROUTE 302, MIDDLETOWN, NY 10941
PHONE: (845) 361-5421 FAX: (845) 361-5229

DWG. 5 OF 20

10/17/2022 - REVISE PROJECT


MATCH TO DWG 7
CROSS GRADING NOTE
ALL GRADING AND CROSS GRADING BETWEEN LOTS INDICATED ON THIS SUBDIVISION PLAT AND PLAN WILL BE ACCOMPLISHED PRIOR TO TRANSFER OF ANY OF THE LOTS.
KEY MAP
PLAN A
Lands of TAYLORS WAY, LLC
Section 20, Block 1, Lot 2.11
N/F Liber 5531 of Deeds, Page 280
Lands of ROSARIO
Section 20, Block 1, Lot 2.10
Liber 14662 of Deeds, Page 1899
Lands of AVELLA
Section 9, Block 3, Lot 1
Liber 14552 of Deeds, Page 1733
EXIST. CULVERT TO BE REMOVED AND STORM FLOW DIRECTED TO NEW SWALE
PROPOSED 4' TALL CHAIN LINK FENCE AROUND POND
FLOOD BOUNDARY LINE TAKEN FROM TOWN OF NEWBURGH FIRM MAP #15 OF 25 COMMUNITY PANEL #360627 0015 A EFFECTIVE JUNE 5, 1985 (NOT A DETAILED STUDY)
50 FT WIDE DRAINAGE EASEMENT
PARCEL A
LOT 20
LOT 21
LOT 22
LOT 23
LOT 6
LOT 7
LOT 5
LOT 2
LOT 1
PROP. 4 BDRM HSE
PROPOSED 1250 GAL. SEPTIC TANK
PROPOSED WELL
PROPOSED EFFLUENT PUMP STA.
TEST WELL
SECTION 1
SECTION 2
SECTION 3
DRIVE A
DARA DRIVE
EXISTING SEPTIC SYSTEM
Lands of BENTO
Section 20, Block 1, Lot 3.12
Liber 6193 of Deeds, Page 133
EXISTING WELL
SEE DETAIL OF SUBSURFACE SAND FILTERS ON DWG ES-9
PARCEL B
TO BE TRANSFERED TO BENTO
AREA = 15,463 S.F.
0.355 ACRES
SEE DETAIL OF EXISTING BRIDGE SP19 & SP20
20' WIDE DRAINAGE EASEMENT
Lands of DeROSA & FRIED
Section 20, Block 1, Lot 3.32
Liber 12475 of Deeds, Page 1066
Lands of SWEE & GUILLET
Section 20, Block 1, Lot 3.31
EXISTING 4 BEDROOM DWELLING
EXISTING 1250 GAL. SEPTIC TANK
EXISTING PUMP STATION
HOLMES
Lands of SPINELLI
Section 20, Block 4, Lot 3.2
Liber 14496 of Deeds, Page 1041
Lands of WIEST
Section 22, Block 1, Lot 1
Liber 3999 of Deeds, Page 59
DECK
N62°39'22"W
878.57'
1506.90'
467.56'
FLOOD BOUNDARY
FIRM

DRAINAGE STRUCTURE TABLE

INLET NO.	DS1	DS2	DS3	DS4	DS5	DS6	DS7	DS8	DS9	DS10	DS11	DS12	DS13
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
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
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
FRAME (EL)	–	395.7	394.7	401.3	426.8	426.8	437.6	–	–	–	394.7	–	401.7
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")	421.0	–	–	–	–	391.4 (18")	–	–
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

INLET NO.	DR5	DR6	DR7	DR8	DT1	DT2	DT3	DT4	DT5	DT6	DT7	DT8	DT9
TYPE	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	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	35 LF	230 LF	75 LF	114 LF	–	90 LF	246 LF	25 LF	–	69 LF	22 LF	168 LF	22 LF
FRAME (EL)	405.2	401.3	405.2	411.1	–	394.2	392.0	392.0	–	394.62	394.62	401.25	401.25
INV. (IN)	–	–	401.9	–	–	385.8	–	–	–	–	–	397.73	–
INV. (IN)	–	398.0	401.9	408.1	–	–	–	–	–	–	–	–	–
INV. (IN)	–	–	–	–	–	–	388.4	–	–	–	–	–	–
INV. (OUT)	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

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NO.	DATE	REVISIONS	BY
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

STATE OF NEW YORK · THOMAS M. DEPUY · No 057844 · LICENSED PROFESSIONAL ENGINEER

JOB NO. 02025L5
FILE: 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

T. M. DEPUY
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DWG. 6 OF 20

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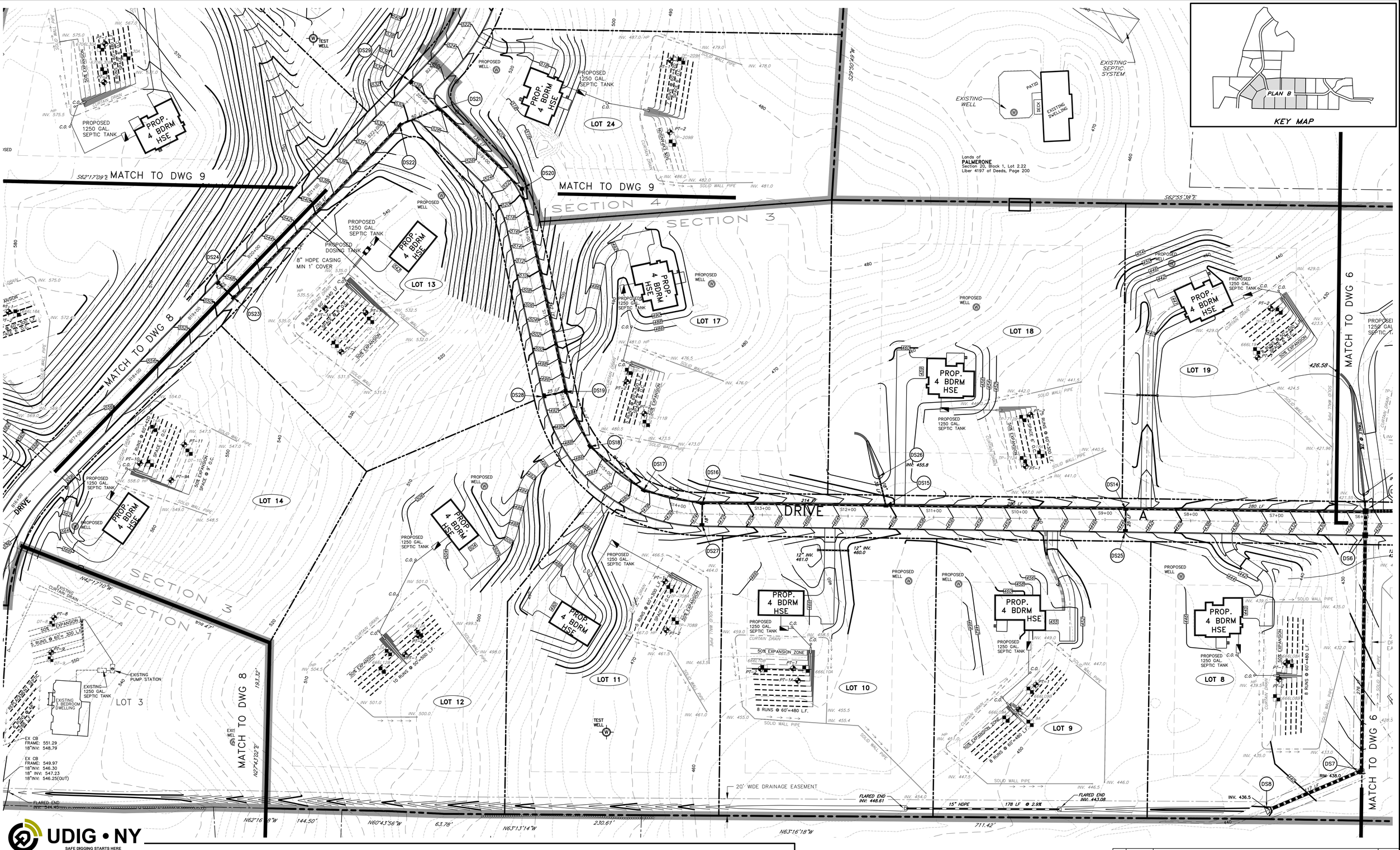

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DRAINAGE STRUCTURE TABLE

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	15" HDPE	18" HDPE	18" 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 PLAT AND PLAN WILL BE ACCOMPLISHED PRIOR TO TRANSFER OF ANY OF THE LOTS.

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RESERVED FOR APPROVAL

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

TITLE: SUBDIVISION PLAN "B"

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

T. M. DEPUY
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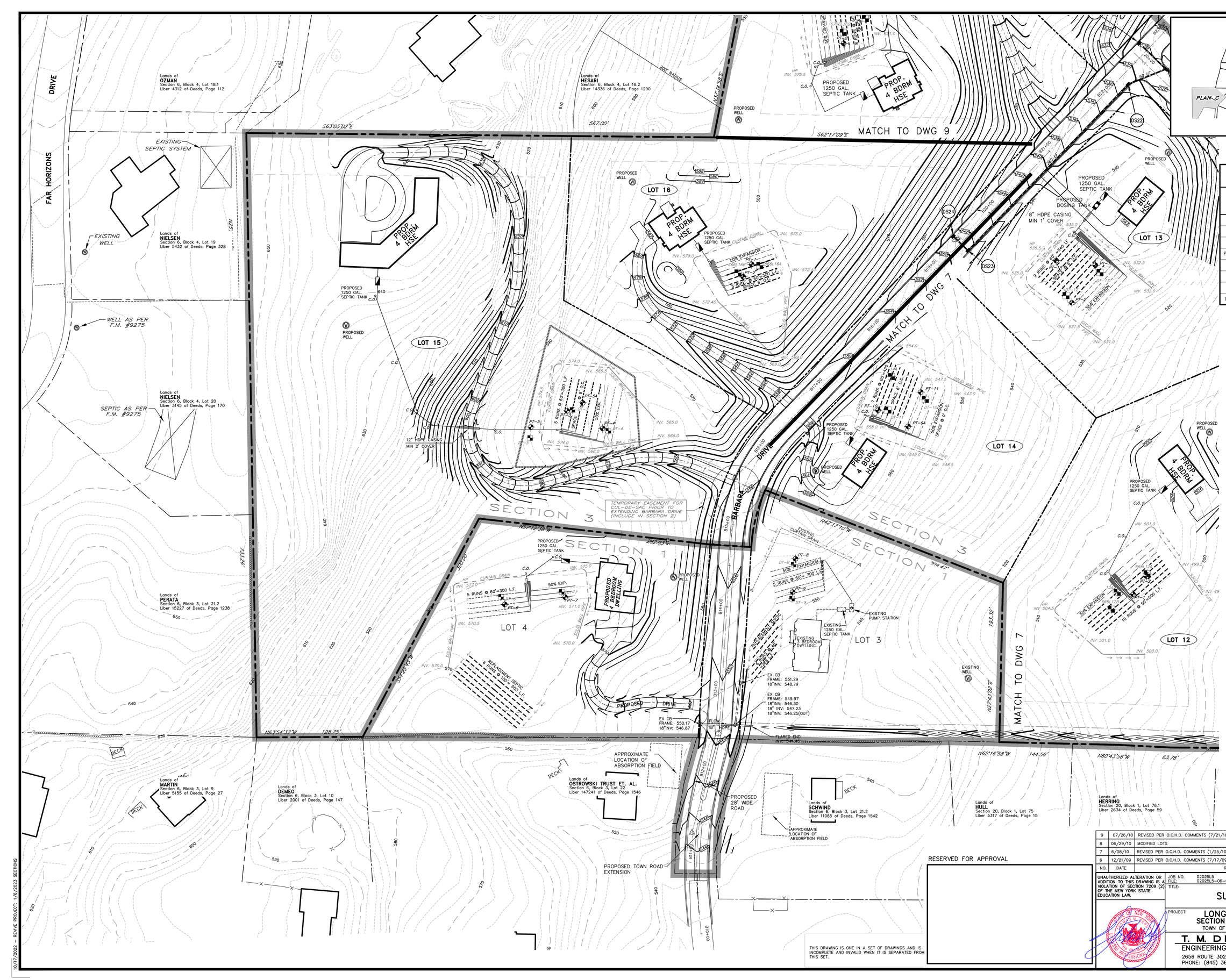
DWG. 7 OF 20

10/17/2022 – REVISE PROJECT: 1/8/2023 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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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

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JOB NO. 02025L5
FILE: 02025L5-06-09
SCALE: 1" = 40'
DATE: JUNE 28, 2006

TITLE:
SUBDIVISION PLAN "C"

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

T. M. DEPUY
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DWG. 8 OF 20

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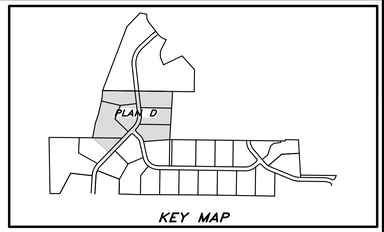
10/17/2022 - REVISE PROJECT: 1/6/2023 SECTIONS

CONTINUED ON DWG 10



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	–			

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8	06/29/10	MODIFIED LOTS	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

JOB NO. 02025L5
FILE: 02025L5–06–09
SCALE: 1" = 40'
DATE: JUNE 28, 2006

TITLE: SUBDIVISION PLAN " D"

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

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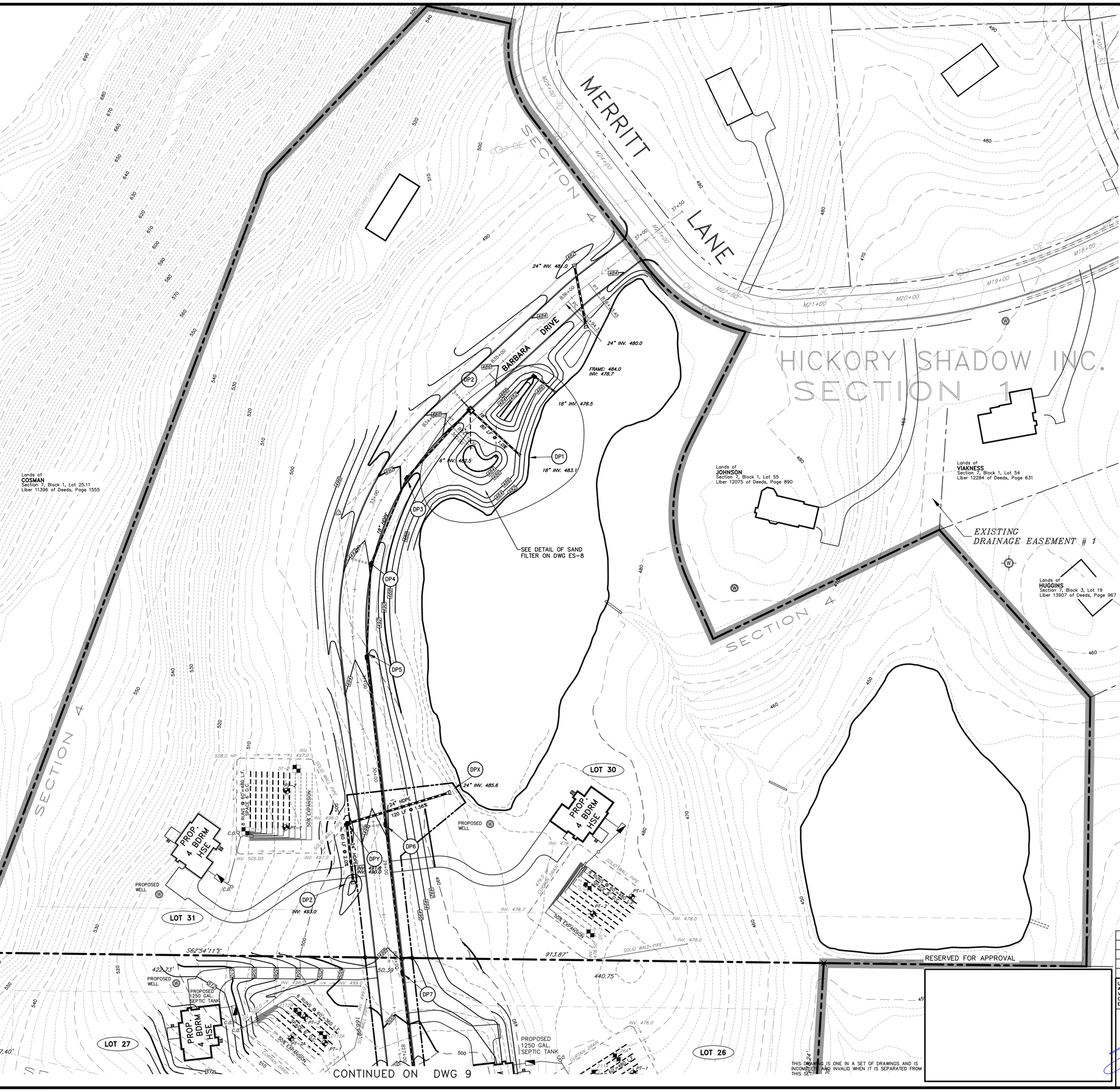
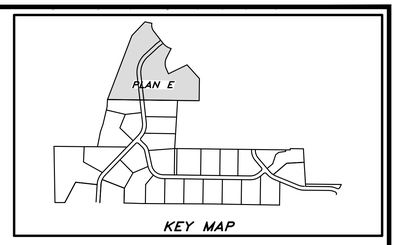
DWG. 9 OF 20

10/17/2022 – REVE PROJECT: 1/6/2023 SECTIONS





CROSS GRADING NOTE

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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 (4")	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			

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NO.	DATE	REVISIONS	BY
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

RESERVED FOR APPROVAL

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JOB NO. 02025L5
FILE: 02025L5–06–09
SCALE: 1" = 40'
DATE: JUNE 28, 2006

TITLE:
SUBDIVISION PLAN "E"

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

T. M. DEPUY
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DWG. 10 OF 20

10/17/2022 – REVISE PROJECT: 1/8/2023 SECTIONS

DEEP TEST PIT & PERC TEST DATA

LOT NO. 1
- **TEST PIT #DT1-901** 09/01/02: 0' TOPSOIL; 6" SILTY LOAM; 2'-0" SILTY CLAY GRAVEL MIX; 5'-0" NO BEDROCK NO GROUNDWATER
- **TEST PIT #DT2-902** 09/02/02: 0' TOPSOIL; 6" SILTY LOAM; 2'-0" SILTY CLAY GRAVEL MIX; 5'-0" NO BEDROCK NO GROUNDWATER

LOT NO. 2
- **TEST PIT #DT1-916** 09/16/02: 0' TOPSOIL; 6" SANDY LOAM; 10" SILTY LOAM; 3'-4" SILTY , SANDY LOAM WITH GRAVEL; 5'-8"
- **TEST PIT #DT2-916** 09/16/02: 0' TOPSOIL; 6" SANDY LOAM; 1'-2" SILTY LOAM; 4'-0" SILTY, SANDY LOAM WITH GRAVEL; 6'-8"

LOT NO. 3
- **TEST PIT #DT-8** --/--/--: 0-0" - 1'-6" TOPSOIL/LOAM MIX; 1'-6" - 5'-8" SANDY/SILTY LOAM MIX; BED ROCK
- **TEST PIT #DT-9** --/--/--: 0-0" - 0'-8" TOPSOIL/LOAM MIX; 0-8" - 1'-10" SANDY/SILTY LOAM MIX; 1'-10" - 7'-2" SANDY LOAM WIT BROKEN SHALE MOTTLING @6'-2"; GROUNDWATER @ 6'-5"

LOT NO. 4
- **TEST PIT #DT-6** --/--/--: 0-0" - 0'-8" TOPSOIL/LOAM MIX; 0'-8" - 2'-10" SANDY/SILTY LOAM MIX; 2'-10" - 5'-4" SANDY LOAM WITH BROKEN SHALE
- **TEST PIT #DT-7** --/--/--: 0-0" - 0'-4" TOPSOIL; 0-4" - 1'-0" SANDY/SILTY LOAM; 1'-0" - 3'-4" SANDY LOAM MIX; 3'-4" - 7'-0" SANDY LOAM WITH BROEKN SHALE

LOT NO. 5
- **TEST PIT # 702A** 10/03/03: 0' TOPSOIL; 6" TAN COARSE-FINE SAND AND SILT, TRACE GRAVEL; 2'-6" BROWN COARSE-FINE SAND, SOME SILT, LITTLE GRAVEL, SPARSE COBBLES; 10' GROUNDWATER @ 9'-0" NO ROCK
- **TEST PIT # 702B** 10/03/03: 0' TOPSOIL; 6" TAN COARSE-FINE SAND AND SILT, TRACE GRAVEL; 2'-6" BROWN COARSE-FINE SAND, SOME SILT, LITTLE GRAVEL, SPARSE COBBLES; 10' GROUNDWATER @ 9'-0" NO ROCK

LOT NO. 6
- **6706L06A** TMD - 06/07/06: 0' TOPSOIL; 6" GLACIAL TILL WITH SANDY SILTY MIXTURE; 6' GLACIAL TILL WITH WEATHERED FRACTURED SHALE; 7'-6" GROUNDWATER @ 5' NO ROCK PRESENCE OF FRENCH DRAIN
- **6706L06B** TMD - 06/07/06: 0' TOPSOIL; 1' GLACIAL TILL WITH SANDY SILTY MIXTURE; 7' GROUNDWATER @ 4' NO ROCK
- **6A** 8/7/08*: 0' TOPSOIL; 6" SILT WITH SOME FRACT. SHALE; 3'-1" SILT WITH SOME FRACT. SHALE & MODERATE MOTTLING; 6' NO GROUNDWATER NO ROCK

* WITNESSED BY O.C.H.D

LOT NO. 7
- **TEST PIT # 704A** 11/24/03: 0' TOPSOIL; 6" LIGHT BROWN COARSE-FINE SAND, SOME SILT, SOME C-F GRAVEL, FEW COBBLES, SPARSE BOULDERS; 6'-6" GROUNDWATER @ 6'-0" NO ROCK
- **TEST PIT # 704B** 11/24/03: 0' TOPSOIL; 6" BROWN COARSE-FINE SAND, SOME SILT, SOME C-F GRAVEL, FEW COBBLES, SPARSE BOULDERS; 6'-6" GROUNDWATER @ 6'-5" NO ROCK

LOT NO. 8
- **666L08A** TMD - 06/06/06: 0' TOPSOIL; 6" LIGHT BROWN SANDY LOAM; 3'-6" BROWN GLACIAL TILL WITH WEATHRED FRACTURED SHALE; 7' NO GROUNDWATER NO ROCK
- **666L08B** TMD - 06/06/06: 0' TOPSOIL; 1'-6" LIGHT BROWN SANDY SILTY LOAM; 3' GLACIAL TILL WITH FRACTURED SHALE; 6'-6" NO GROUNDWATER BEDROCK @6'-6"

LOT NO. 9
- **666L09A** TMD - 06/06/06: 0' TOPSOIL; 1'-6" SANDY LOAM WITH SOME CRUSHED SHALE; 3'-9" FRACTURED SHALE WITH SANDY LOAM; 5'-6" WEATHERED FRACTURED SHALE; 7' NO GROUNDWATER NO ROCK
- **666L09B** TMD - 06/06/06: 0' TOPSOIL; 9" SANDY LOAM WITH SOME STONE; 2' SANDY LOAM WITH SOME SHALE; 5' FRACTURED SHALE; 7'-6" NO GROUNDWATER NO ROCK
- **9A** 8/7/08*: 0' TOPSOIL; 6" SILT; 2'-2" SANDY SILT WITH HEAVY MOTTLE; 7' NO GROUNDWATER NO ROCK

* WITNESSED BY O.C.H.D

LOT NO. 10
- **666L10A** TMD - 06/06/06: 0' TOPSOIL; 1' SANDY LOAM WITH SOME SHALE; 2' SANDY LOAM WITH MORE SHALE; 7' NO GROUNDWATER NO ROCK
- **666L10B** TMD - 06/06/06: 0' TOPSOIL; 1'-6" SANDY LOAM WITH SMALL STONES; 3'-6" SANDY LOAM WITH SOME FRACTURED SHALE; 8' NO GROUNDWATER NO ROCK

LOT NO. 11
- **TEST PIT # 708A** 11/26/03: 0' TOPSOIL; 6" LT BROWN COARSE-FINE SAND, SOME CLAYEY SILT, LITTLE C-F GRAVEL, SPARSE COBBLES; 2'-6" BROWN COARSE-FINE SAND, SOME SILT, SOME C-F GRAVEL, MANY COBBLES, SPARSE BOULDERS; 6' NO GROUNDWATER NO ROCK
- **TEST PIT # 708B** 11/26/03: 0' TOPSOIL; 6" LT BROWN COARSE-FINE SAND, SOME CLAYEY SILT, LITTLE C-F GRAVEL, SPARSE COBBLES; 2'-6" BROWN COARSE-FINE SAND, SOME SILT, SOME C-F GRAVEL, MANY COBBLES, SPARSE BOULDERS; 6' NO GROUNDWATER NO ROCK

LOT NO. 12
- **666L12A** TMD - 06/06/06: 0' TOPSOIL; 8" GLACIAL TILL WITH SAND; 2' SANDY LOAM WITH SOME FRACTURED SHALE; 7'-6" NO GROUNDWATER NO ROCK
- **666L12B** TMD - 06/06/06: 0' TOPSOIL; 1' SANDY LOAM WITH SOME FRACTURED SHALE; 8' NO GROUNDWATER NO ROCK
- **12A** 8/7/08*: 0' TOPSOIL; 4" SILT; 2'-6" SILT WITH FRACTURED SHALE; 7'-6" NO GROUNDWATER NO ROCK

* WITNESSED BY O.C.H.D

LOT NO. 13
- **TEST PIT # DT12** 03/22/03: 0' TOPSIOL/LOAM MIX; 6" SANDY/SILTY LOAM MIX; 2'-4" SANDY LOAM WITH BROKEN SHALE; 6'-11" NO GROUNDWATER NO ROCK
- **TEST PIT # DT13** 03/22/03: 0' TOPSIOL/LOAM MIX; 4" SANDY/SILTY LOAM MIX; 2'-4" SANDY LOAM WITH BROKEN SHALE; 7' NO GROUNDWATER NO ROCK

LOT NO. 14
- **TEST PIT # DT10** 03/22/03: 0' TOPSIOL/LOAM MIX; 3" SANDY/SILTY LOAM MIX; 2'-9" SANDY LOAM WITH BROKEN SHALE; 6'-10" NO GROUNDWATER NO ROCK
- **TEST PIT # DT11** 03/22/03: 0' TOPSIOL/LOAM MIX; 8" SANDY/SILTY LOAM MIX; 2'-8" SANDY LOAM WITH BROKEN SHALE; 6'-6" NO GROUNDWATER NO ROCK
- **14A** 8/7/08*: 0' SILTY SAND WITH FRACTURED SHALE; 6'-6" NO GROUNDWATER NO ROCK

* WITNESSED BY O.C.H.D

LOT NO. 15
- **TEST PIT # DT3** 03/22/03: 0' TOPSIOL/LOAM MIX; 1'-11" SILTY/SANDY LOAM MIX; 3'-9" SANDY LOAM WITH BROKEN SHALE; 5'-8" NO GROUNDWATER NO ROCK
- **TEST PIT # DT4** 03/22/03: 0' TOPSIOL/LOAM MIX; 8" SANDY/SILTY LOAM MIX; 2' SANDY LOAM WITH BROKEN SHALE; 5' MOTTLE @ 5'-0"; 6'-10" NO GROUNDWATER NO ROCK
- **TEST PIT # DT5** 03/22/03: 0' TOPSIOL/LOAM MIX; 1' SANDY/SILTY LOAM MIX; 2'-8" SANDY LOAM WITH BROKEN SHALE; 5'-6" NO GROUNDWATER ROCK @ 5'-6"

LOT NO. 16
- **666L16A** TMD - 06/06/06: 0' TOPSOIL; 9" SANDY LOAM WITH STONE; 5' SANDY LOAM WITH FRACTURED SHALE; 7'-6" NO GROUNDWATER NO ROCK
- **666L16B** TMD - 06/06/06: 0' TOPSOIL; 1' SANDY LOAM/GLACIAL TILL WITH FRACTURED SHALE; 5' FRACTURED SHALE; 5'-6" NO GROUNDWATER BEDROCK @ 5'-6"

LOT NO. 17
- **TEST PIT # 711A** 11/26/03: 0' TOPSOIL; 6" ORANGE BROWN COARSE/FINE SAND SOME SILT, LITTLE C-F GRAVEL, SPARSE COBBLES; 2' BROWN COARSE/FINE SAND, SOME SILT, SOME C-F GRAVEL, MANY COBBLES, SPARSE BOULDERS; 8' NO GROUNDWATER NO ROCK
- **TEST PIT # 711B** 11/26/03: 0' TOPSOIL; 6" ORANGE BROWN SILTY CLAY, LITTLE C-F SAND, SPARSE BOULDERS; 4' GREY, SLIGHTLY WEATHERED, HIGHLY FRACTURED FINE GRAINED, MODERATLEY HARD SHALE; 4'-6" NO GROUNDWATER ROCK @ 4'-0"

LOT NO. 18
- **TEST PIT # 712A** 11/26/03: 0' TOPSOIL; 6" LT BROWN COARSE/FINE SAND SOME CLAYEY SILT, SOME C-F GRAVEL, FEW COBBLES; 2' BROWN COARSE/FINE SAND, SOME SILT, SOME C-F GRAVEL, MANY COBBLES, SPARSE BOULDERS; 5'-6" GROUNDWATER @ 5'-0" NO ROCK
- **TEST PIT # 712B** 11/26/03: 0' TOPSOIL; 6" LT BROWN COARSE/FINE SAND, SOME CLAYEY SILT, LITTLE C-F GRAVEL, SPARSE COBBLES; 3' DK BROWN COARSE/FINE SAND, SOME SILT, SOME C-F GRAVEL, FEW COBBLES, SPARSE BOULDERS; 5' GREY, SLIGHTLY WEATHERED, HIGHLY FRACTURED FINE GRAINED, MODERATLEY HARD SHALE; 6' GROUNDWATER @ 4'-6" ROCK @ 5'-0"
- **18A** 8/7/08*: 0' TOPSOIL; 8" SILT WITH FRACTURED SHALE; 3'-4" SILTY SAND WITH FRACTURED SHALE; 6'-6" NO GROUNDWATER NO ROCK

* WITNESSED BY O.C.H.D

LOT NO. 19
- **TEST PIT # 713A** 11/26/03: 0' TOPSOIL; 6" LT GREY CLAYEY SILT, SOME FINE GRAVEL, LITTLE C-F SAND; 2'-6" BROWN COARSE-FINE SAND, SOME CLAYEY SILT, SOME C-F GRAVEL, FEW COBBLES, SPARSE BOULDERS; 6'-6" GROUNDWATER @ 3'-0"* NO ROCK
  * GROUNDWATER LIKELY FROM PRESENCE OF FRENCH DRAIN
- **666L19A** TMD - 06/06/06: 0' TOPSOIL; 8" SILTY SANDY MIXTURE; 4' SANDY LOAM; 8' NO GROUNDWATER NO ROCK

LOT NO. 20
- **TEST PIT # 714A** 10/03/03: 0' TOPSOIL; 1' ORANGE-BROWN COARSE-FINE SAND AND SILT, LITTLE GRAVEL, SPARSE COBBLES; 3' BROWN COARSE-FINE SAND, SOME SILT, LITTLE GRAVEL, SPARSE COBBLES, SPARSE BOULDERS; 4'-6" BROWN-GREY COARSE- FINE SAND, SOME SILT, LITTLE GRAVEL, SPARSE COBBLES; 8'-6" GROUNDWATER @ 8'-0" NO ROCK
- **TEST PIT # 714B** 10/03/03: 0' TOPSOIL; 1' ORANGE-BROWN COARSE-FINE SAND AND SILT, LITTLE GRAVEL, SPARSE COBBLES; 3' BROWN COARSE-FINE SAND, SOME SILT, LITTLE GRAVEL, SPARSE COBBLES, SPARSE BOULDERS; 4'-6" BROWN-GREY COARSE- FINE SAND, SOME SILT, LITTLE GRAVEL, SPARSE COBBLES; 8'-6" GROUNDWATER @ 8'-0" NO ROCK

LOT NO. 21
- **666L21A** TMD - 06/06/06: 0' TOPSOIL; 1' SANDY LOAM WITH SOME GRAVEL AND FRACTURED SHALE; 4' WEATHERED FRACTURED SHALE; 7' NO GROUNDWATER BEDROCK @ 7'
- **TEST PIT # 715B** 10/10/03: 0' TOPSOIL; 6" BROWN COARSE-FINE SAND AND SILT, TRACE GRAVEL; 2' GREY HIGHLY WEATHERED, HIGHLY FRACTURED MEDIUM HARD SHALE; 6' NO GROUNDWATER ROCK @ 2'-0"

LOT NO. 22
- **TEST PIT # 716A** 10/06/03: 0' TOPSOIL; 6" BROWN COARSE-FINE SAND, SOME SILT, LITTLE COARSE-FINE GRAVEL, SPARSE COBBLES; 8' GROUNDWATER @ 5'-6" NO ROCK
- **TEST PIT # 716B** 10/10/03: 0' TOPSOIL; 6" BROWN COARSE-FINE SAND, SOME SILT, LITTLE GRAVEL, SPARSE COBBLES & BOULDERS; 7' GROUNDWATER @ 6'-0" NO ROCK
- **22A** 8/7/08*: 0' TOPSOIL; 6" SILT WITH FRACTURED SHALE; 1'-11" SILT; 4' GROUNDWATER @ 4'-2" NO ROCK

* WITNESSED BY O.C.H.D

LOT NO. 23
- **666L23A** TMD - 06/06/06: 0' TOPSOIL; 3" SANDY SILTY LOAM; 3' MIXTURE OF GLACIAL TILL WITH FRACTURED SHALE; 7' NO GROUNDWATER NO ROCK ISOLATED MOTTLE @ 4'
- **666L23B** TMD - 06/06/06: 0' TOPSOIL; 1' SANDY SILTY LOAM; 5' GLACIAL TILL MIXTURE WITH SILT, SAND, AND CRACKED SAHLE; 9' NO GROUNDWATER NO ROCK GRONDWATER WEAP @8'

LOT NO. 24
- **TEST PIT # 209A** 12/02/03: 0' TOPSOIL; 12" ORANGE BROWN COARSE/FINE SAND, SOME CLAYEY SILT, SOME C-F GRAVEL, FEW COBBLES; 3' BROWN COARSE/FINE SAND, SOME SILT, SOME C-F GRAVEL, MANY COBBLES, FEW BOULDERS; 8' NO GROUNDWATER NO ROCK
- **TEST PIT # 209B** 12/02/03: 0' TOPSOIL; 12" ORANGE BROWN COARSE/FINE SAND, SOME CLAYEY SILT, SOME C-F GRAVEL; 3' BROWN COARSE/FINE SAND, SOME SILT, SOME C-F GRAVEL, FEW COBBLES, SPARSE BOULDERS; 8' NO GROUNDWATER NO ROCK

LOT NO. 25
- **6706L25A** TMD - 06/07/06: 0' TOPSOIL; 2' SANDY SILTY LOAM; 4'-6" DARK SANDY, SILTY LOAM; 8' GROUNDWATER @ 4'-6" NO ROCK CONTINUOUS MOTTLE @ 4'-6" ORANGE RING @3'
- **6706L25B** TMD - 06/07/06: 0' TOPSOIL; 1'-6" DARK SANDY LOAM WITH SOME SHALE; 4' GROUNDWATER @3' NO ROCK CONTINUOUS MOTTLE @ 3'

LOT NO. 26
- **TEST PIT # 211A** 12/02/03: 0' TOPSOIL; 10" BROWN COARSE/FINE SAND, SOME SILT, SOME C-F GRAVEL, MANY COBBLES, FEW BOULDERS; 6' GROUNDWATER @ 5'-6" NO ROCK
- **TEST PIT # 211B** 12/02/03: 0' TOPSOIL; 10" BROWN COARSE/FINE SAND, SOME SILT, SOME C-F GRAVEL, MANY COBBLES, FEW BOULDERS; 6' GROUNDWATER @ 3'-9" NO ROCK
- **26A** 8/7/08*: 0' TOPSOIL; 4" SILT WITH GRAVEL; 3'-10" SANDY SILT WITH GRAVEL, FRACTURED SHALE AND MOTTLING; 6'-6" NO GROUNDWATER NO ROCK

* WITNESSED BY O.C.H.D

LOT NO. 27
- **TEST PIT # 212A** 12/05/03: 0' TOPSOIL; 12" LT BR CLAYEY SILT, SOME COARSE/FINE SAND, TRACE C-F GRAVEL, SPARSE COBBLES; 2'-6" BROWN COARSE/FINE SAND, SOME SILT, SOME C-F GRAVEL, MANY COBBLES, SPARSE BOULDERS; 6' GROUNDWATER @ 4'-3" NO ROCK
- **TEST PIT # 212B** 12/05/03: 0' TOPSOIL; 12" LT BR CLAYEY SILT, SOME COARSE/FINE SAND, LITTLE C-F GRAVEL, SPARSE COBBLES; 2'-6" BROWN COARSE/FINE SAND, SOME SILT, SOME C-F GRAVEL, MANY COBBLES, SPARSE BOULDERS; 6'-6" GROUNDWATER @ 6'-0" NO ROCK

LOT NO. 28
- **6706L28A** TMD - 06/07/06: 0' TOPSOIL; 1' SANDY LOAM WITH SOME STONE; 3'-6" SANDY LOAM WITH SOME FRACTURED SHALE; 7' NO GROUNDWATER NO ROCK
- **6706L28B** TMD - 06/07/06: 0' TOPSOIL; 1' SANDY LOAM; 2'-6" SANDY LOAM WITH SOME WEATHERED FRACTURED SHALE; 5' WEATHERED FRACTURED SAHLE; 7'-6" NO GROUNDWATER NO ROCK

LOT NO. 29
- **6706L30A** TMD - 06/07/06: 0' TOPSOIL; 1' SANDY LOAM WITH SOME FRACTURED SHALE; 5'-6" FRACTURED SHALE; 7' NO GROUNDWATER BEDROCK @ 7'
- **6706L30B** TMD - 06/07/06: 0' TOPSOIL; 1' SANDY LOAM WITH WEATHERED FRACTURED SHALE; 2'-6" SHALE; 4'-6" NO GROUNDWATER BEDROCK @ 4'-6"
- **30A** 8/7/08*: 0' TOPSOIL; 4" SANDY SILT WITH FRACTURED SHALE; 6'-6" NO GROUNDWATER NO ROCK

* WITNESSED BY O.C.H.D

LOT NO. 30
- **TEST PIT # 1** TMD - 06/07/06: 0' TOPSOIL; 6" SANDY LOAM WITH SOME STONE; 2'-6" SANDY LOAM WITH SMALL AMOUNT OF FRACTURED SHALE; 5'-6" SILTY, SANDY LOAM WITH SOME FRACTURED SHALE; 8' NO GROUNDWATER NO ROCK
- **TEST PIT # 2** TMD - 06/07/06: 0' TOPSOIL; 1' SANDY LOAM WITH SOME WEATHERED FRACTURED SHALE; 4' FRACTURED SHALE; 7' NO GROUNDWATER NO ROCK

LOT NO. 31
- **TEST PIT # 1** 07/08/10: 0' TOPSOIL; 8" LIGHT BROWN, SILT LOAM WITH SHALE FRAGMENTS; 3'-0" DARK BROWN SANDY SILT WITH SHALE PIECES; 10' NO GROUNDWATER NO ROCK
- **TEST PIT # 2** 07/08/10: 0' TOPSOIL; 6" LIGHT BROWN, GRAVELLY SILT; 2'-0" DARK BROWN SANDY SILT WITH SHALE PIECES; 9'-6" NO GROUNDWATER NO ROCK

PERC TEST DATA

LOT NO.	PERC TEST NO.	DATE	DEPTH	ACTUAL PERCOLATION RATE – TIME	ACTUAL PERCOLATION RATE – DIFFERENCE	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. 33 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"	6 MIN. 12 MIN. 14 MIN. 13 MIN.	6 MIN. 2 MIN. 1 MIN.	31-45 MIN.	600. GPD	6 RUNS @ 100' = 600'	(REPLACEMENT SYSTEM)
2	PT1-916	09/16/02	26"	5 MIN. 4 MIN. 5 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 MN 0 MIN.	8-10 MIN.	600 GPD	8 RUNS @ 75' = 600'	(REPLACEMENT SYSTEM)
3	PT-8	03/22/03	27"	2 MIN. 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"			1-5 MIN.	600 GPD	6 RUNS @ 48' = 288' 250 LF REQUIRED	(REPLACEMENT SYSTEM)
4	PT-6	03/22/03	27"	3 MIN. 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. 1 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	0 MIN. 49 SEC 0 MIN. 48 SEC 0 MIN. 02 SEC	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. 45 SEC 04 MIN. 59 SEC 05 MIN. 10 SEC 05 MIN. 18 SEC	0 MIN. 14 SEC 0 MIN. 11 SEC 0 MIN. 08 SEC				
6	PT-1	12/03/03	24"	03 MIN. 46 SEC 03 MIN. 58 SEC 04 MIN. 06 SEC	1 MIN. 12 SEC 0 MIN. 08 SEC	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. 27 SEC 04 MIN. 43 SEC 06 MIN. 12 SEC 07 MIN. 32 SEC 09 MIN. 25 SEC 09 MIN. 33 SEC	1 MIN. 16 SEC 1 MIN. 29 SEC 1 MIN. 20 SEC 1 MIN. 53 SEC 0 MIN. 08 SEC	21-30 MIN.	600 GPD	9 RUNS @ 56' = 504' 500 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	11/25/03	24"	01 MIN. 41 SEC 02 MIN. 03 SEC 02 MIN. 09 SEC	0 MIN. 22 SEC 0 MIN. 06 SEC				
	PT-1A	08/7/08*	18"	10 MIN. 19 SEC 14 MIN. 50 SEC 17 MIN. 05 SEC 20 MIN. 10 SEC 20 MIN. 56 SEC	4 MIN. 31 SEC 2 MIN. 15 SEC 3 MIN. 05 SEC 0 MIN. 46 SEC				
8	PT-1	05/25/06	24"	02 MIN. 41 SEC 03 MIN. 05 SEC 03 MIN. 29 SEC 03 MIN. 49 SEC	0 MIN. 24 SEC 0 MIN. 24 SEC 0 MIN. 20 SEC	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. 24 SEC 09 MIN. 03 SEC 10 MIN. 25 SEC 11 MIN. 13 SEC	1 MIN. 21 SEC 1 MIN. 22 SEC 0 MIN. 48 SEC				
9	PT-1	05/24/06	25"	02 MIN. 52 SEC 03 MIN. 26 SEC 03 MIN. 51 SEC 04 MIN. 14 SEC	0 MIN. 34 SEC 0 MIN. 25 SEC 0 MIN. 23 SEC	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. 33 SEC 02 MIN. 15 SEC 02 MIN. 32 SEC 02 MIN. 45 SEC	0 MIN. 48 SEC 0 MIN. 17 SEC 0 MIN. 13 SEC				
10	PT-1	05/23/06	25"	02 MIN. 13 SEC 03 MIN. 09 SEC 03 MIN. 27 SEC	0 MIN. 56 SEC 0 MIN. 18 SEC	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. 04 SEC 02 MIN. 31 SEC 02 MIN. 38 SEC	1 MIN. 27 SEC 0 MIN. 07 SEC				
	PT-1A	08/7/08*	20"	01 MIN. 29 SEC 01 MIN. 37 SEC 01 MIN. 44 SEC	0 MIN. 08 SEC 0 MIN. 07 SEC				

* WITNESSED BY THE O.C.H.D. ** IF THE EXISTING SEWAGE DISPOSAL SYSTEM FAILS, THE REPLACEMENT SYSTEM SHALL BE DESIGNED FOR A DAILY FLOW OF 600 GPD.

PERC TEST DATA

LOT NO.	PERC TEST NO.	DATE	DEPTH	ACTUAL PERCOLATION RATE – TIME	ACTUAL PERCOLATION RATE – DIFFERENCE	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"	02 MIN. 55 SEC 04 MIN. 07 SEC 04 MIN. 29 SEC	1 MIN. 12 SEC 0 MIN. 22 SEC	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. 19 SEC 03 MIN. 04 SEC 03 MIN. 34 SEC 03 MIN. 37 SEC	0 MIN. 45 SEC 0 MIN. 30 SEC 0 MIN. 03 SEC				
12	PT-1	05/23/06	25"	01 MIN. 46 SEC 01 MIN. 55 SEC 02 MIN. 12 SEC 02 MIN. 22 SEC	0 MIN. 09 SEC 0 MIN. 17 SEC 0 MIN. 08 SEC	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. 48 SEC 00 MIN. 54 SEC 01 MIN. 41 SEC 01 MIN. 51 SEC	0 MIN. 06 SEC 0 MIN. 47 SEC 0 MIN. 10 SEC				
13	PT-1	03/22/03	24"	01 MIN. 00 SEC 01 MIN. 00 SEC 02 MIN. 00 SEC 02 MIN. 00 SEC	0 MIN. 00 SEC 1 MIN. 00 SEC 0 MIN. 00 SEC	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. 02 SEC 10 MIN. 39 SEC 11 MIN. 41 SEC	1 MIN. 37 SEC 1 MIN. 02 SEC				
	PT-1A	08/7/08*	22"	00 MIN. 33 SEC 00 MIN. 53 SEC 01 MIN. 09 SEC 01 MIN. 13 SEC	0 MIN. 20 SEC 0 MIN. 16 SEC 0 MIN. 04 SEC				
14	PT-10	03/22/03	25"	01 MIN. 00 SEC 01 MIN. 00 SEC 01 MIN. 00 SEC	0 MIN. 00 SEC 0 MIN. 00 SEC	11-15 MIN.	600 GPD	7 RUNS @ 60' = 420' 375 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-11	03/22/03	24"	01 MIN. 00 SEC 01 MIN. 00 SEC 01 MIN. 00 SEC	0 MIN. 00 SEC 0 MIN. 00 SEC				
	PT-9A	03/22/03	28"	06 MIN. 00 SEC 06 MIN. 00 SEC 06 MIN. 00 SEC	0 MIN. 00 SEC 0 MIN. 00 SEC				
15	PT-3	03/22/03	29"	02 MIN. 00 SEC 03 MIN. 00 SEC 03 MIN. 00 SEC	1 MIN. 00 SEC 0 MIN. 00 SEC	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. 00 SEC 02 MIN. 00 SEC 02 MIN. 00 SEC	1 MIN. 00 SEC 0 MIN. 00 SEC				
	PT-5	03/22/03	25"	02 MIN. 00 SEC 03 MIN. 00 SEC 03 MIN. 00 SEC	0 MIN. 00 SEC 0 MIN. 00 SEC				
	PT-5A	8/7/08*	22"	05 MIN. 15 SEC 05 MIN. 52 SEC 06 MIN. 24 SEC	0 MIN. 37 SEC 0 MIN. 32 SEC				
16	PT-1	05/25/06	24"	02 MIN. 07 SEC 02 MIN. 24 SEC 02 MIN. 30 SEC	0 MIN. 17 SEC 0 MIN. 06 SEC	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. 58 SEC 01 MIN. 23 SEC 01 MIN. 34 SEC 01 MIN. 38 SEC	0 MIN. 25 SEC 0 MIN. 10 SEC 0 MIN. 04 SEC				
17	PT-1	12/02/03	25"	03 MIN. 03 SEC 03 MIN. 09 SEC 03 MIN. 27 SEC	0 MIN. 06 SEC 0 MIN. 18 SEC	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. 20 SEC 02 MIN. 22 SEC 02 MIN. 42 SEC	0 MIN. 02 SEC 0 MIN. 20 SEC				
18	PT-1	12/01/03	29"	01 MIN. 04 SEC 01 MIN. 08 SEC 01 MIN. 15 SEC	0 MIN. 04 SEC 0 MIN. 07 SEC	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. 06 SEC 02 MIN. 10 SEC 02 MIN. 18 SEC	1 MIN. 06 SEC 0 MIN. 08 SEC				
19	PT-1	12/01/03	24"	06 MIN. 37 SEC 08 MIN. 18 SEC 09 MIN. 06 SEC 09 MIN. 23 SEC	1 MIN. 41 SEC 0 MIN. 48 SEC 0 MIN. 17 SEC	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. 39 SEC 06 MIN. 07 SEC 06 MIN. 37 SEC	0 MIN. 28 SEC 0 MIN. 30 SEC				
20	PT-1	10/03/03	24"	06 MIN. 39 SEC 10 MIN. 45 SEC 10 MIN. 53 SEC	4 MIN. 06 SEC 0 MIN. 08 SEC	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. 52 SEC 08 MIN. 20 SEC 08 MIN. 17 SEC	2 MIN. 28 SEC 0 MIN. 03 SEC				
	PT-2A	8/13/08*	22"	01 MIN. 02 SEC 01 MIN. 10 SEC 01 MIN. 17 SEC	0 MIN. 08 SEC 0 MIN. 07 SEC				

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

PERC TEST DATA

LOT NO.	PERC TEST NO.	DATE	DEPTH	ACTUAL PERCOLATION RATE – TIME	ACTUAL PERCOLATION RATE – DIFFERENCE	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 22 MIN. 20 SEC 24 MIN. 00 SEC	4 MIN. 05 SEC 3 MIN. 14 SEC 1 MIN. 40 SEC	21-30 MIN.	600 GPD	9 RUNS @ 60 = 540' 500 LF REQUIRED	PUMP 6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/23/06	24"	13 MIN. 21 SEC 23 MIN. 06 SEC 25 MIN. 14 SEC 26 MIN. 26 SEC	9 MIN. 45 SEC 2 MIN. 08 SEC 1 MIN. 12 SEC				
22	PT-1	10/06/03	23"	05 MIN. 10 SEC 06 MIN. 24 SEC 06 MIN. 56 SEC	1 MIN. 14 SEC 0 MIN. 32 SEC	8-10 MIN.	600 GPD	6 RUNS @ 60' = 360' 333 LF REQUIRED	PUMP 6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	10/06/03	26"	02 MIN. 32 SEC 02 MIN. 41 SEC	0 MIN. 09 SEC				
23	PT-1	05/23/06	24"	10 MIN. 50 SEC 12 MIN. 56 SEC 14 MIN. 11 SEC	2 MIN. 06 SEC 1 MIN. 15 SEC	16-20 MIN.	600 GPD	8 RUNS @ 60' = 480' 429 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	05/23/06	24"	0 MIN. 59 SEC 01 MIN. 09 SEC 01 MIN. 16 SEC 01 MIN. 19 SEC	0 MIN. 10 SEC 0 MIN. 07 SEC 0 MIN. 03 SEC				
	PT-2A	08/13/08*	26"	03 MIN. 34 SEC 05 MIN. 17 SEC 06 MIN. 16 SEC 07 MIN. 41 SEC 08 MIN. 22 SEC	1 MIN. 43 SEC 0 MIN. 59 SEC 1 MIN. 25 SEC 0 MIN. 41 SEC				
	PT-2B	08/13/08*	27"	2 MIN. 43 SEC 3 MIN. 46 SEC 4 MIN. 25 SEC 4 MIN. 46 SEC	1 MIN. 03 SEC 1 MIN. 21 SEC 0 MIN. 21 SEC				
24	PT-1	12/02/03	24"	06 MIN. 24 SEC 07 MIN. 33 SEC 07 MIN. 39 SEC	1 MIN. 09 SEC 0 MIN. 06 SEC	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. 01 SEC 09 MIN. 17 SEC	0 MIN. 16 SEC				
25	PT-1	05/25/06	24"	00 MIN. 38 SEC 00 MIN. 43 SEC 01 MIN. 20 SEC 01 MIN. 26 SEC	0 MIN. 05 SEC 0 MIN. 07 SEC 0 MIN. 06 SEC	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"	00 MIN. 56 SEC 01 MIN. 13 SEC 01 MIN. 30 SEC 01 MIN. 35 SEC	0 MIN. 17 SEC 0 MIN. 17 SEC 0 MIN. 05 SEC				
	PT-2A	08/13/08*	27"	01 MIN. 12 SEC 01 MIN. 33 SEC 01 MIN. 52 SEC 01 MIN. 54 SEC	0 MIN. 21 SEC 0 MIN. 19 SEC 0 MIN. 02 SEC				
26	PT-1	12/02/03	24"	02 MIN. 17 SEC 02 MIN. 47 SEC 02 MIN. 41 SEC	0 MIN. 30 SEC 0 MIN. 06 SEC	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. 28 SEC 12 MIN. 04 SEC	0 MIN. 36 SEC				

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

PERC TEST DATA

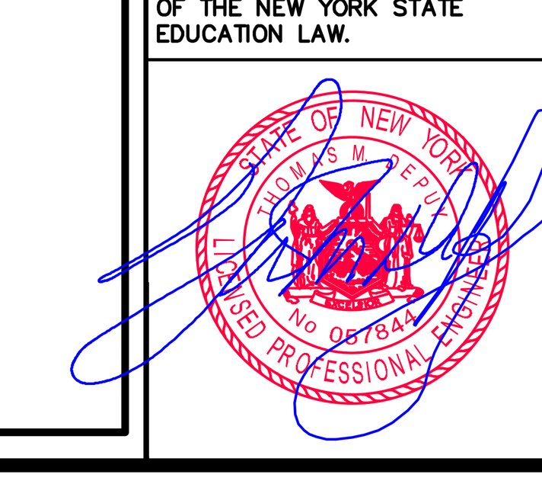
LOT NO.	PERC TEST NO.	DATE	DEPTH	ACTUAL PERCOLATION RATE – TIME	ACTUAL PERCOLATION RATE – DIFFERENCE	DESIGN PERCOLATION RATE	DESIGN FLOW RATE (GAL./DAY)	MIN. LINEAR FT. ABSORPTION TRENCH 4 BEDROOM HOUSE MAX.	COMMENTS
27	PT-1	12/05/03	24"	03 MIN. 17 SEC 03 MIN. 15 SEC	0 MIN. 02 SEC	8-10 MIN.	600 GPD	6 RUNS @ 60' = 360' 333 LF REQUIRED	6 FT O.C. SPACING, CURTAIN DRAIN
	PT-2	12/05/03	24"	04 MIN. 19 SEC 05 MIN. 04 SEC 05 MIN. 05 SEC	0 MIN. 45 SEC 0 MIN. 01 SEC				
	PT-2A	08/7/08*	20"	01 MIN. 34 SEC 01 MIN. 50 SEC 02 MIN. 04 SEC 02 MIN. 15 SEC	0 MIN. 16 SEC 0 MIN. 14 SEC 0 MIN. 11 SEC				
28	PT-1	05/24/06	26"	01 MIN. 11 SEC 01 MIN. 50 SEC 01 MIN. 59 SEC	0 MIN. 39 SEC 0 MIN. 09 SEC	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"	06 MIN. 08 SEC 07 MIN. 51 SEC 08 MIN. 31 SEC	2 MIN. 01 SEC 1 MIN. 43 SEC 0 MIN. 40 SEC				
29	PT-1	05/24/06	24"	01 MIN. 49 SEC 02 MIN. 14 SEC 02 MIN. 39 SEC 02 MIN. 52 SEC	0 MIN. 25 SEC 0 MIN. 25 SEC 0 MIN. 13 SEC	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. 38 SEC 02 MIN. 31 SEC 03 MIN. 02 SEC 03 MIN. 14 SEC	0 MIN. 53 SEC 0 MIN. 31 SEC 0 MIN. 12 SEC				
30	PT-1	05/24/06	24"	01 MIN. 12 SEC 01 MIN. 21 SEC 01 MIN. 32 SEC 01 MIN. 36 SEC	0 MIN. 09 SEC 0 MIN. 11 SEC 0 MIN. 04 SEC	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"	00 MIN. 58 SEC 01 MIN. 33 SEC 01 MIN. 48 SEC 01 MIN. 53 SEC	0 MIN. 35 SEC 0 MIN. 15 SEC 0 MIN. 05 SEC				
31	PT-1	07/08/10	24"	01 MIN. 25 SEC 01 MIN. 49 SEC 02 MIN. 04 SEC 02 MIN. 18 SEC	0 MIN. 24 SEC 0 MIN. 15 SEC 0 MIN. 14 SEC	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. 52 SEC 01 MIN. 47 SEC 01 MIN. 52 SEC 01 MIN. 55 SEC	0 MIN. 55 SEC 0 MIN. 5 SEC 0 MIN. 3 SEC				

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

RESERVED FOR APPROVAL

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

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 DESIGN DATA	DJW
6	12/21/09	REVISED PER O.C.H.D. COMMENTS (7/17/09)	SMC



JOB NO.: 02025L5 FILE: 02025L5-11 SCALE: NONE DATE: JUNE 28, 2006

TITLE: DEEP TEST PIT & PERC TEST DATA

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

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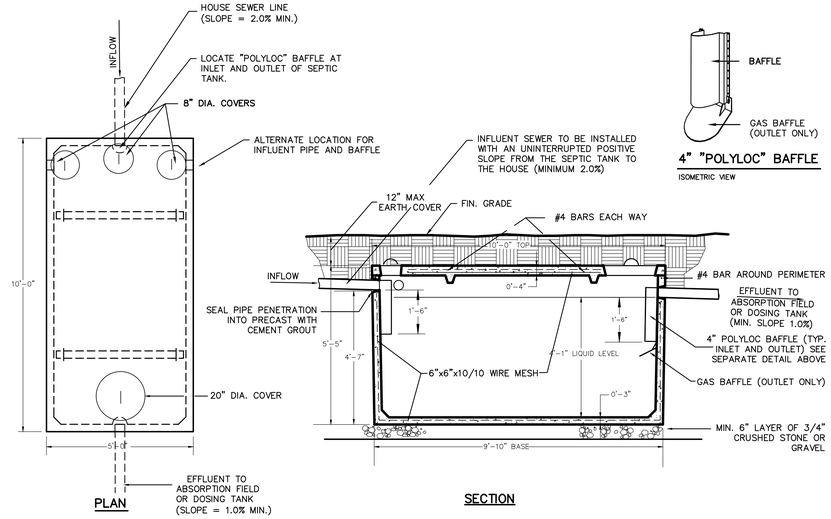
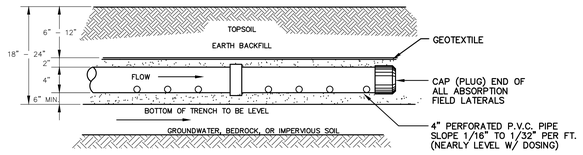


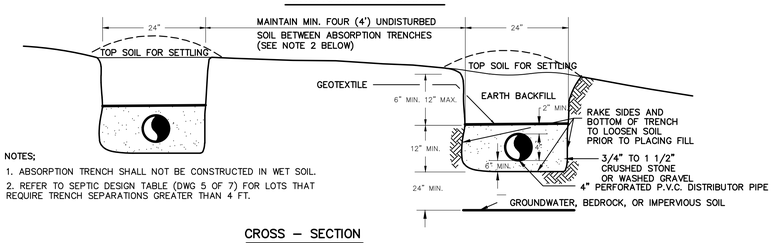
WOODARD'S CONC. PRODUCTS, INC.–MODEL ST 1250 OR EQUAL

PRECAST 1250 GAL. CONC. SEPTIC TANK DETAIL

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



LONGITUDINAL – SECTION



CROSS – SECTION

NOTES;

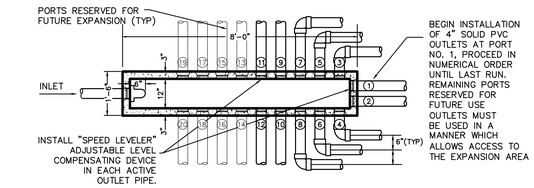
1. ABSORPTION TRENCH SHALL NOT BE CONSTRUCTED IN WET SOIL.
2. REFER TO SEPTIC DESIGN TABLE (DWG 5 OF 7) FOR LOTS THAT REQUIRE TRENCH SEPARATIONS GREATER THAN 4 FT.

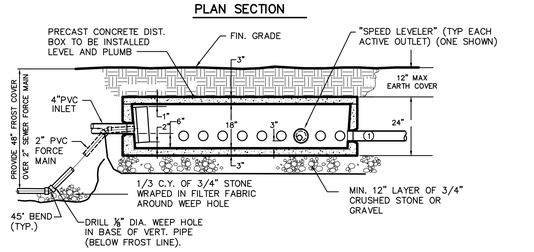
ABSORPTION TRENCH DETAILS

N.T.S.

SEPTIC SYSTEM NOTES

1. FOOTING, ROOF AND CELLAR DRAINS SHALL NOT BE CONNECTED TO THE DISPOSAL SYSTEM AND SHALL BE DISCHARGED AWAY FROM, AND NOT UPHILL FROM SAME.
2. GRADE TO DRAIN SURFACE WATER AROUND AND AWAY FROM DISPOSAL FIELD AND SEED TO GRASS.
3. ALL TREES & SHRUBS MUST BE CUT FROM THE TILE FIELD AREAS.
4. 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.
5. 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.
6. SEPTIC SYSTEM DESIGN SHALL BE A MINIMUM 1,250 GALLON SEPTIC TANK AND TILE LENGTH AS INDICATED.
7. 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.
8. THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS OVER 100 GALLONS.
9. A MINIMUM OF 4 FEET OF USABLE SOIL MUST EXIST OVER ANY BEDROCK OR GROUNDWATER ENCOUNTERED.
10. NO SWIMMING POOLS, DRIVEWAYS OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD.
11. 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.
12. 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.
13. PIPE FROM HOUSE TO SEPTIC TANK TO BE STRAIGHT AND AT CONSTANT GRADE AND SHALL BE CONSTRUCTED OF 4" PVC. 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.
14. WATER SAVING FIXTURES AND DEVICES ARE REQUIRED FOR HOME USE.
15. 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.
16. TOWN OF NEWBURGH REQUIREMENTS IN REGARD TO PERMITS AND INSPECTIONS TO BE OBSERVED.
17. THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED.
18. RESERVE SEWAGE SYSTEM ABSORPTION AREA SHALL BE EQUAL TO 50% OF THE SIZE AS HERE DESIGNED.
19. ALL LAUNDRY WASTE AND OTHER GRAY WATER TO BE DISCHARGED TO SEPTIC SYSTEM.
20. PIPING TO BE LAID ON A FIRM FOUNDATION AT A MINIMUM SLOPE AS SHOWN, WITHOUT ANY BENDS OR DEPRESSIONS.
21. SEWAGE SYSTEM SEPARATION DISTANCES TO COMPLY WITH SEPARATION DISTANCES CHART PROVIDED (SEE DETAILS).
22. 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.
23. NO LOT IS TO BE FURTHER SUBDIVIDED WITHOUT ORANGE COUNTY DEPARTMENT OF HEALTH REVIEW AND APPROVAL.
24. ALL WELLS AND SEPTIC SYSTEMS WITHIN 300' OF THIS PROJECT HAVE BEEN LOCATED AND ARE SHOWN ON THE PLANS.
25. THERE SHALL BE NO REGRADING IN THE AREA OF THE ABSORPTION FIELDS.
26. 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.
27. SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2–3 YEARS.
28. 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.
29. DISTRIBUTION BOXES/DROP BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.



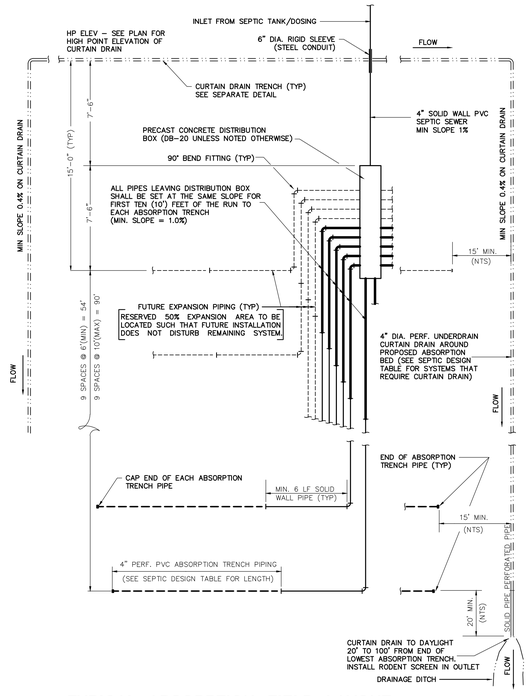


NOTE: ALL SEPTIC SYSTEMS ARE TO USE DB–20 DISTRIBUTION BOXES

WOODARD'S MODEL DB–20 OR EQUAL

PRECAST DISTRIBUTION BOX

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



TYPICAL ABSORPTION FIELD LAYOUT

N.T.S.

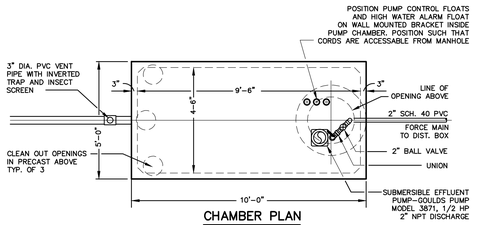
SEPARATION DISTANCES FROM WASTEWATER SOURCES

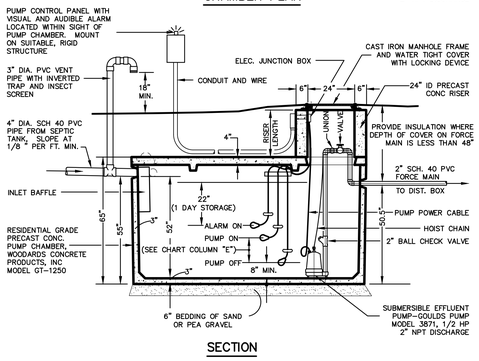
WASTEWATER SOURCES	WELL OR SUCTION LINE (a)	TO STREAM, LAKE OR WATER COURSE (b)	TO STREAM, LAKE DWELLING	PROPERTY LINE
HOUSE SEWER (WATERTIGHT JOINTS)	25' IF CAST IRON PIPE 50' OTHERWISE	25'	–	10'
SEPTIC TANK	50'	50'	10'	10'
EFFLUENT LINE TO DISTRIBUTION BOX	50'	50'	10'	10'
DISTRIBUTION BOX	100'	100'	20'	10'
ABSORPTION FIELD	100' (b)	100'	20'	10'
SEEPAGE PIT	150' (b)(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	100'	50'	20'	10'
PRIVY, WATERTIGHT VAULT	50'	50'	20'	10'

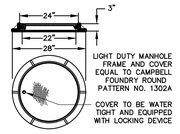
(A) WATER SERVICE AND SEWER LINES MAY BE IN THE SAME TRENCH IF CAST IRON SEWER WITH LEAD–CAULKED JOINTS IS LAID AT ALL POINTS 12 INCHES BELOW WATER SERVICE PIPE; OR SEWER MAY BE ON DROPPED SHELF AT ONE SIDE AT LEAST 12 INCHES BELOW WATER SERVICE PIPE, PROVIDED THAT SEWER PIPE IS LAID BELOW FROST WITH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







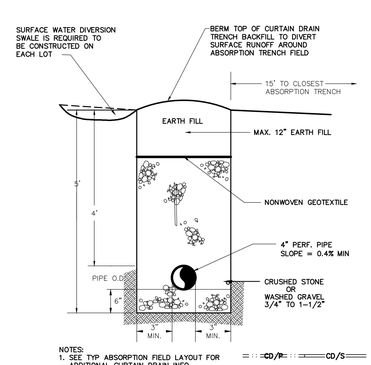
PUMP CHAMBER DRAWDOWN SETTINGS					
LOT NO.(S)	A	B	C	D	E
	LENGTH OF ABSORPTION TRENCH (L.F.)	100% VOLUME DISTRIBUTION NETWORK (GAL.)	DESIGN DOSE VOLUME (GAL.)	PUMP CHAMBER VOLUME PER VERT. INCH (GAL.)	PUMP ON/ PUMP OFF VERT DIST. (INCHES)
1	600	391.8	295	26.7	11"
3	288	188.1	150	26.7	5–5/8"
21	540	352.6	295	26.7	11"
22	360	235.1	195	26.7	7–5/16"

COLUMN B = A X 0.653 GAL. PER L.F.
COLUMN C = B X (0.75 TO 0.85)
COLUMN E = C / D

ELECTRICAL NOTE:
INSTALLATION OF PUMP, LEVEL CONTROLS, ALARM AND ELECTRICAL APPURTENANCES SHALL CONFORM TO APPLICABLE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE

TYPICAL PUMP STATION DETAIL

SCALE: 3/8" = 1'-0"

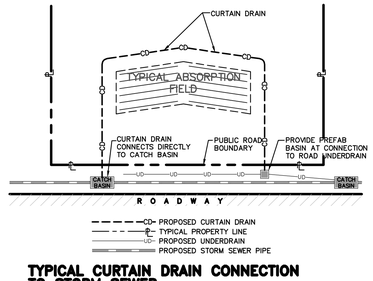


NOTES:
1. SEE TYP ABSORPTION FIELD LAYOUT FOR ADDITIONAL CURTAIN DRAIN INFO.
2. CURTAIN DRAIN IS INTENDED TO PROVIDE 2 FT OF USABLE SOIL BELOW THE ABSORPTION TRENCH.
3. INSTALL RODENT SCREEN AT CURTAIN DRAIN OUTLETS.

CD/P CD/S
SYMBOL

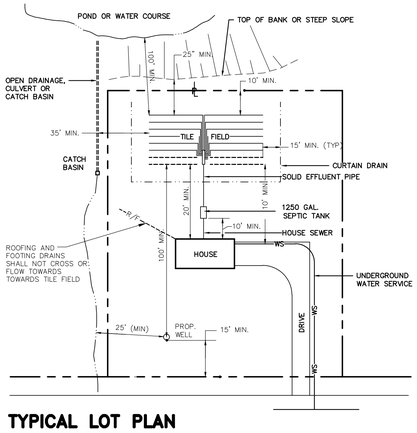
SECTION – CURTAIN DRAIN

N.T.S.

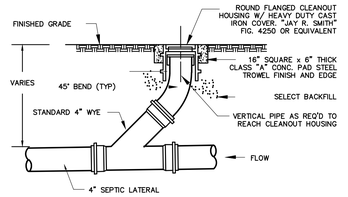


TYPICAL CURTAIN DRAIN CONNECTION TO STORM SEWER

N.T.S.



TYPICAL LOT PLAN



NOTES:
1. SEPTIC SEWER PIPING AND FITTINGS SHALL BE OF THE MATERIAL INDICATED ON THE PLANS.
2. CLEANOUT LOCATIONS SHALL BE AS SHOWN ON PLANS (MIN. 75' O.C.)

TYPICAL SANITARY CLEANOUT DETAIL

N.T.S.

NOTE DOSING TANK DETAIL ON SHEET 13

RESERVED FOR APPROVAL

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

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. 02025L5 | SCALE: AS NOTED | DATE: JUNE 28, 2006
FILE: 02025L5–11

TITLE: SEPTIC DETAILS

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

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DWG. 12 OF 20

10/17/2022 – REVISE PROJECT

TEST WELL LOCATIONS

STANDARDS FOR THE CONSTRUCTION OF WELLS*

WATER-BEARING FORMATION	OVERBURDEN	OVERALL DRILLHOLE FOR GROUT		WELL DIAMETER			MINUMIM 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 CAV-ING 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 ANNULAR 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	ANNULAR 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 OVER-BURDEN OR ROCK	2" MINIMUM	ANNULAR SPACE AROUND CASING SHALL BE FILLED WITH CEMENT GROUT	
5. CREVICED, SHAT-TERED OR OTHERWISE FRACTURED LIMESTONE, GRANITE, QUARTZITE OR SIMILAR ROCK TYPES.	CONSOLIDATED CAV-ING MATERIAL, CHIEFLY SAND OR SAND AND GRAVEL TO A DEPTH OF 40' OR MORE AND EX-TENDING AT LEAST 2,000' IN ALL DIREC-TIONS 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, SHAT-TERED 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	ANNULAR SPACE AROUND CASING SHALL BE GROUTED CASING SHALL BE FIRMLY SEATED IN ROCK	
7. CREVICED, SHAT-TERED OR OTHERWISE FRACTURED LIMESTONE, GRANITE, QUARTZITE OR SIMILAR ROCK TYPES.	UNCONSOLIDATED MATE-RAILS 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 ANNULAR SPACE AROUND CASING SHALL BE GROUTED	IF GROUT IS PLACED THROUGH CASING PIPE AND FORCED INTO ANNULAR 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.
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 SAND-STONE	SAME AS OVERSIZE DRILLHOLE, OR GREATER.	2" MINIMUM	ANNULAR SPACE AROUND CASING SHALL BE GROUTED CASING SHALL BE FIRMLY SEATED IN SANDSTONE	
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 SAND-STONE	THROUGH OVER-BURDEN INTO FIRM SANDSTONE	2" MINIMUM	CASING SHALL BE EFFEC-TIVELY 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 SAND-STONE	THROUGH OVER-BURDEN INTO FIRM SANDSTONE	2" MINIMUM	CASING SHALL BE EFFEC-TIVELY 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 PERMENANT POSITION, ANNULAR 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 SAND-STONE	15' INTO FIRM SANDSTONE	4" MINIMUM	ANNULAR SPACE AROUND CASING SHALL BE FILLED WITH CEMENT GROUT	IF GROUT IS PLACED THROUGH CASING PIPE AND FORCED INTO ANNULAR 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 ANNULAR 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

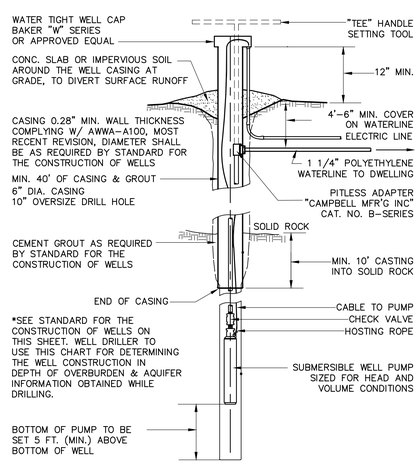
(2) THESE DIAMETERS SHALL ALSO BE APPLICABLE IN CIRCUMSTANCES WHERE THE USE OF PERFORATED CASING IS DEEMED PRACTICABLE. WELL POINTS COMMONLY DESIGNATED IN THE TRADE AS 1-1/4" PIPE SHALL BE CONSIDERED AS BEING 2" Nominal Diameter WELL SCREENS FOR PURPOSES OF THESE REGULATIONS.

(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 PRACTICAL ACCEPTABLE WATER SUPPLY IS AVAILABLE, THE WELL CONSTRUCTION DESCRIBED ON LINE "7" OF THIS TABLE IS A 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.

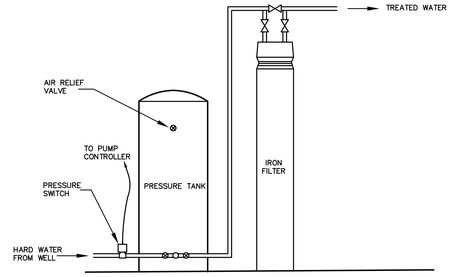


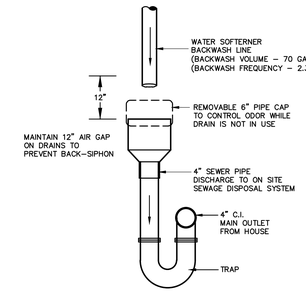
NOTES:

1. A MIN. SUSTAINED WELL YIELD OF 5 GAL. PER MIN SHALL BE OBTAINED.
2. TOP OF WELL CASING TO BE SET 2 FT. MIN. ABOVE 100 YEAR FLOOD LEVEL.
3. TEST WELLS WERE INSTALLED ON LOTS 11, 21 & 28; AND VARIED IN DEPTH FROM 200'-500'.
4. IF WATER IS ENCOUNTERED AT A DEPTH OF LESS THAN 50', THE MINIMUM CASING AND GROUTING REQUIRMENT SHALL BE 50'.
5. 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.





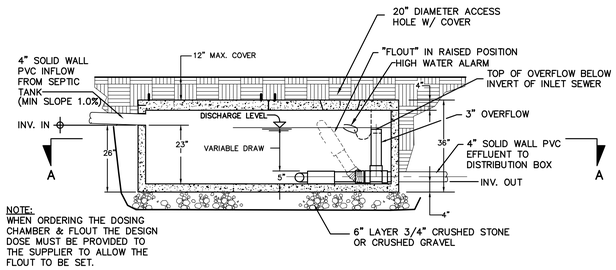
IRON FILTER DETAIL

N.T.S.

NOTE:

1. TEST WELLS HAVE INDICATED IRON SLIGHTLY ABOVE THE MCL OF 0.3 mg/L
2. WATER TREATENT IS AT THE DISCRETION OF THE HOMEOWNER.
3. A CULLIGAN MK 89 WATER CONDITIONER IS RECOMMENDED FOR IRON REMOVAL.
4. CONDITIONING USING A SODIUM SALT ADDS 46 mg/L OF SODIUM FOR EVERY 100 mg/L OF HARDNESS REMOVED.

PLAN SECTION A-A



NOTE:
WHEN ORDERING THE DOSING CHAMBER & FLOUT THE DESIGN DOSE MUST BE PROVIDED TO THE SUPPLIER TO ALLOW THE FLOUT TO BE SET.

SECTION B-B

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

TABLE 2-7
DOSING CHAMBER DESIGN TABLE

LOT NO.	ABSORPTION TRENCH VOLUME				DESIGN DOSE (GAL)
	LOT (LF)	100% (GAL)	85% (GAL)	75% (GAL)	
13	540	352.6	299.7	264.5	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 6" x 10 GA. WIRE MESH

DOSING CHAMBER DETAIL

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

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	DJW

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

TITLE: WELL DETAILS

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

T. M. DEPUY
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DWG. 13 OF 20

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

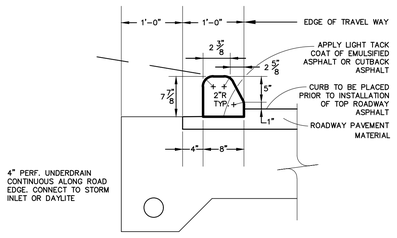
DRAINAGE STRUCTURE TABLE					
INLET NO.	DS6	DS7	DS8	DS9	DS10
TYPE	CB–C	CB–C	F.E.	F.E.	FE
PIPE	42" HDPE	42" HDPE	42" HDPE	18" HDPE	15" HDPE
LENGTH	25 LF	276 LF	117 LF	20 LF	20 LF
FRAME (EL)	426.8	437.6	–	–	–
INV. (IN)	–	–	–	–	–
INV. (IN)	421.0	–	–	–	–
INV. (IN)	–	431.8	–	–	–
INV. (OUT)	421.0	428.1	434.8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

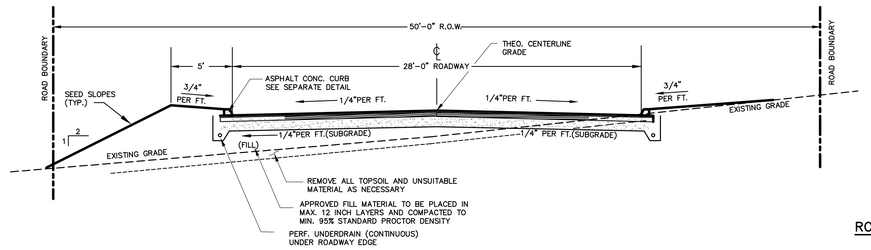
DRAINAGE STRUCTURE TABLE					
INLET NO.	DR5	DR6	DR7	DR8	
TYPE	CB–A	CB–A	CB–A	CB–A	
PIPE	15" HDPE	18" HDPE	15" HDPE	15" HDPE	
LENGTH	35 LF	230 LF	75 LF	114 LF	
FRAME (EL)	405.2	401.3	405.2	411.1	
INV. (IN)	–	–	401.9	–	
INV. (IN)	–	398.0	401.9	408.1	
INV. (IN)	–	–	–	–	
INV. (OUT)	402.2	397.3	401.2	406.1	

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					



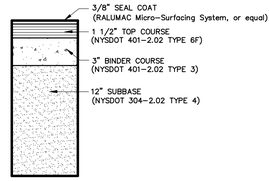
ASPHALT CONCRETE CURB

N.T.S.

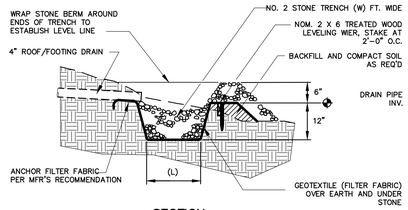


TYPICAL SECTION – MINOR RESIDENTIAL ROAD

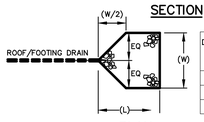
N.T.S.



ROADWAY PAVEMENT



SECTION

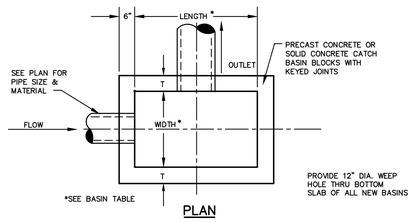


PLAN

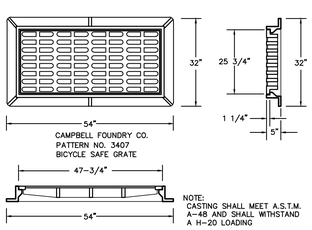
DWELLING ROOF (SF)	WATER QUALITY (CF)	TWO (2) OUTLETS/DWELLING LENGTH (FT)	WIDTH (FT)	VOLUME (CF)
2000	186	10	6.5	97.5
2500	231	11.5	7.5	129.4
3000	279	12.0	8.0	144.0

ROOF DRAIN OUTLET DETAIL

N.T.S.

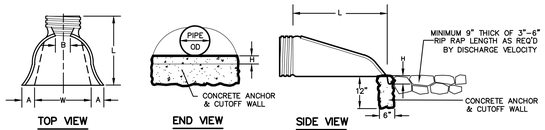


PLAN



FRAME F1

CATCH BASIN FRAME



TOP VIEW | END VIEW | SIDE VIEW

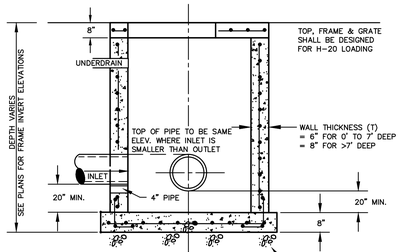
	DIMENSIONS, INCHES(MM)					
	Part No.	A, +/–1(25)	B MAX	H, +/–1(25)	L,+/–1/2(13)	W,+/–2(50)
12",15"(300,375)	1210 NP	6.5(165)	10(254)	6.5(165)	25(635)	29(736)
18"(450)	1810NP	7.5(190)	15(380)	6.5(168)	32(812)	35(890)
24"(600)	2410 NP	7.5(190)	18(450)	6.5(165)	36(900)	45(1140)
30"(750)	3010 NP	10.5(266)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

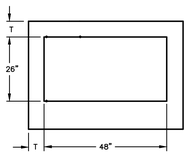
1. SPREAD THE END SECTION COLLAR AND PLACE IT OVER THE LAST PIPE CORRUGATION. MAKE SURE THE COLLAR SEATS PROPERLY IN THE CORRUGATION VALLEY.
2. INSERT THREADED ROD THROUGH THE PRE–DRILLED HOLES IN THE END SECTION COLLAR. TIGHTEN WING NUTS.
3. PLACE BACKFILL AROUND THE END SECTION AND OVER THE TOE PLATE.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

FLARED END SECTION DETAIL

N.T.S.



FRONT ELEVATION



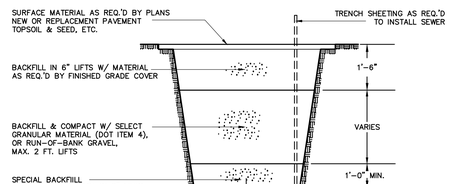
ROOF SLAB DETAIL

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"



EARTH EXCAVATION

TYPICAL STORM SEWER TRENCH DETAIL

N.T.S.

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.

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

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: AS NOTED | DATE: JUNE 28, 2006
FILE: 02025L5–13

TITLE: SITE DETAILS

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

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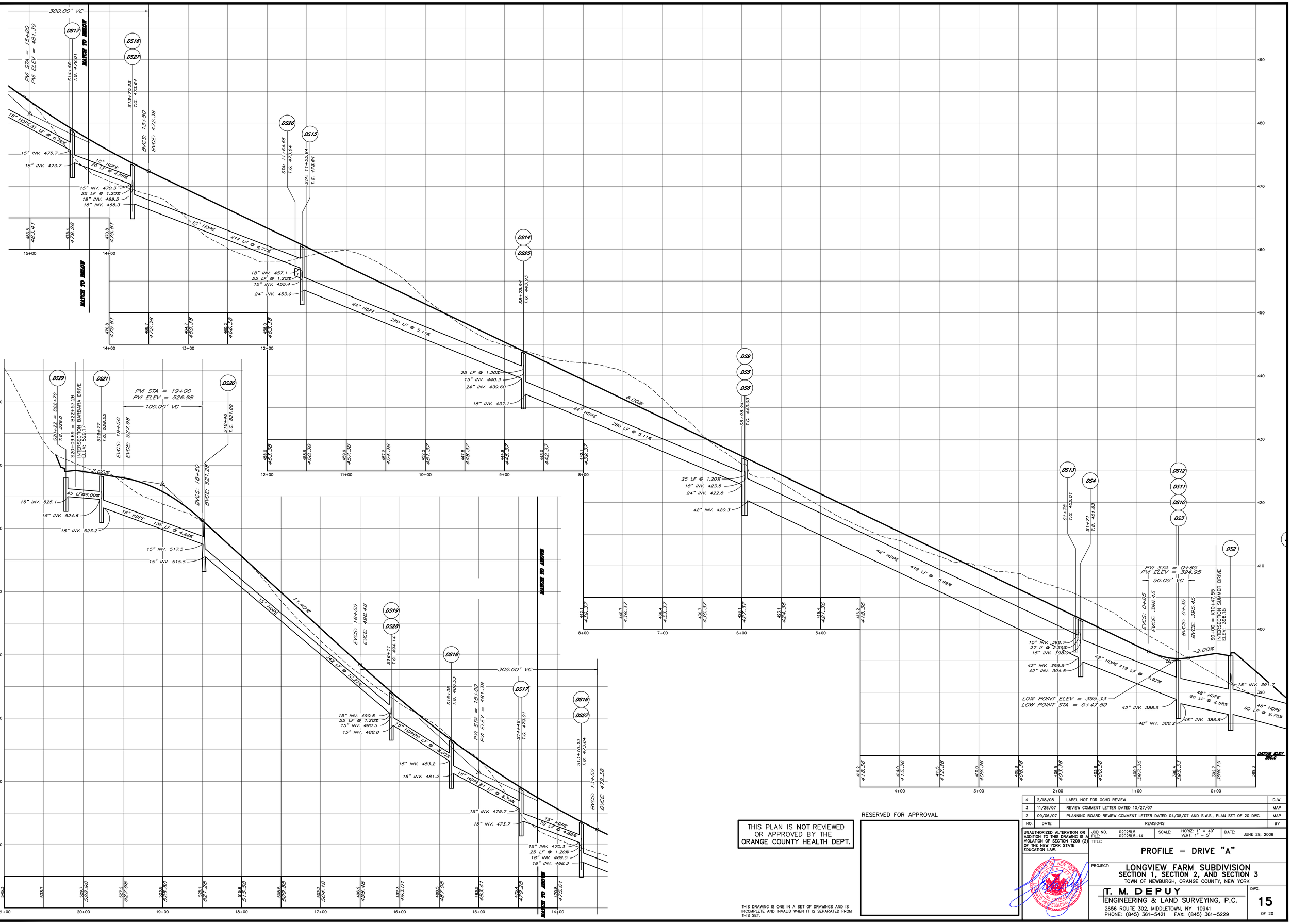
PHONE: (845) 361–5421 FAX: (845) 361–5229

DWG. 14 OF 20

10/17/2022 – REVWE PROJECT



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
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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

TITLE: 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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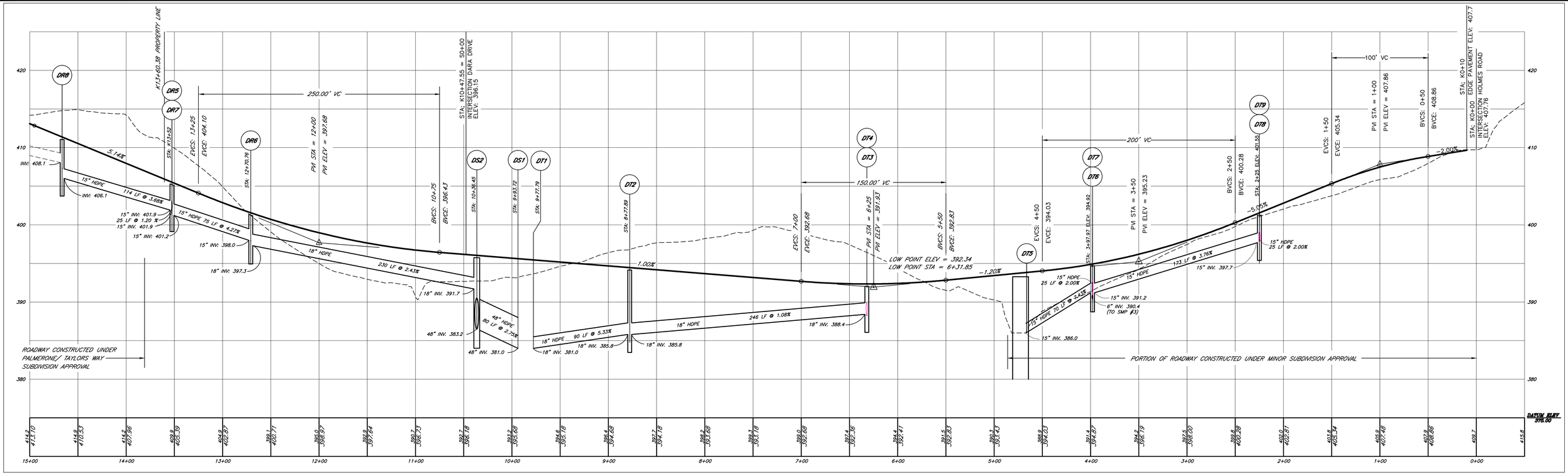
DWG. 15 OF 20

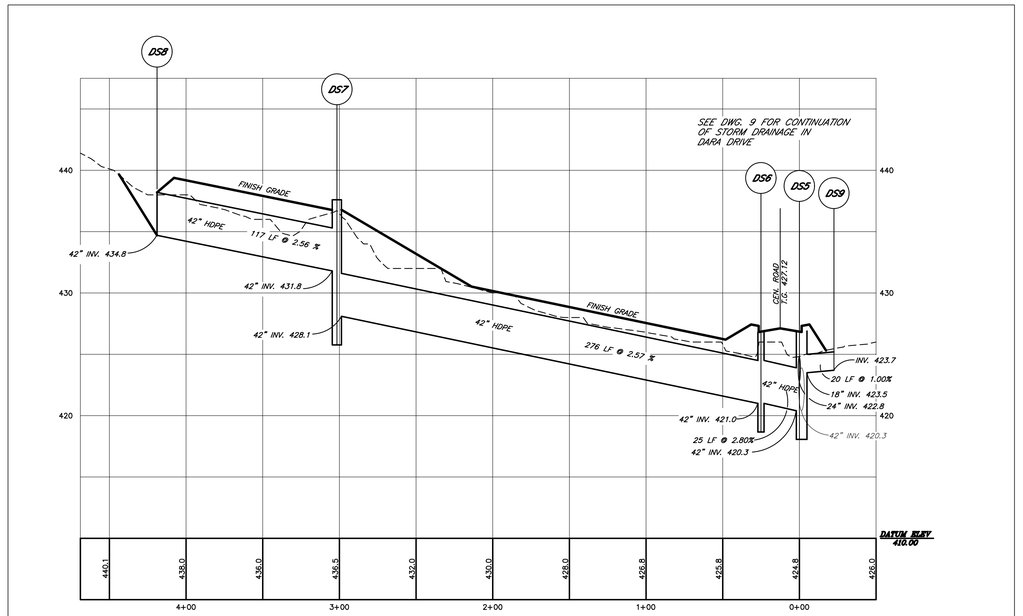
THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THIS SET.

10/17/2022 – REVISE 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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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

JOB NO. 02025L5 SCALE: AS NOTED DATE: JUNE 28, 2006
FILE: 02025L5-15

TITLE: 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

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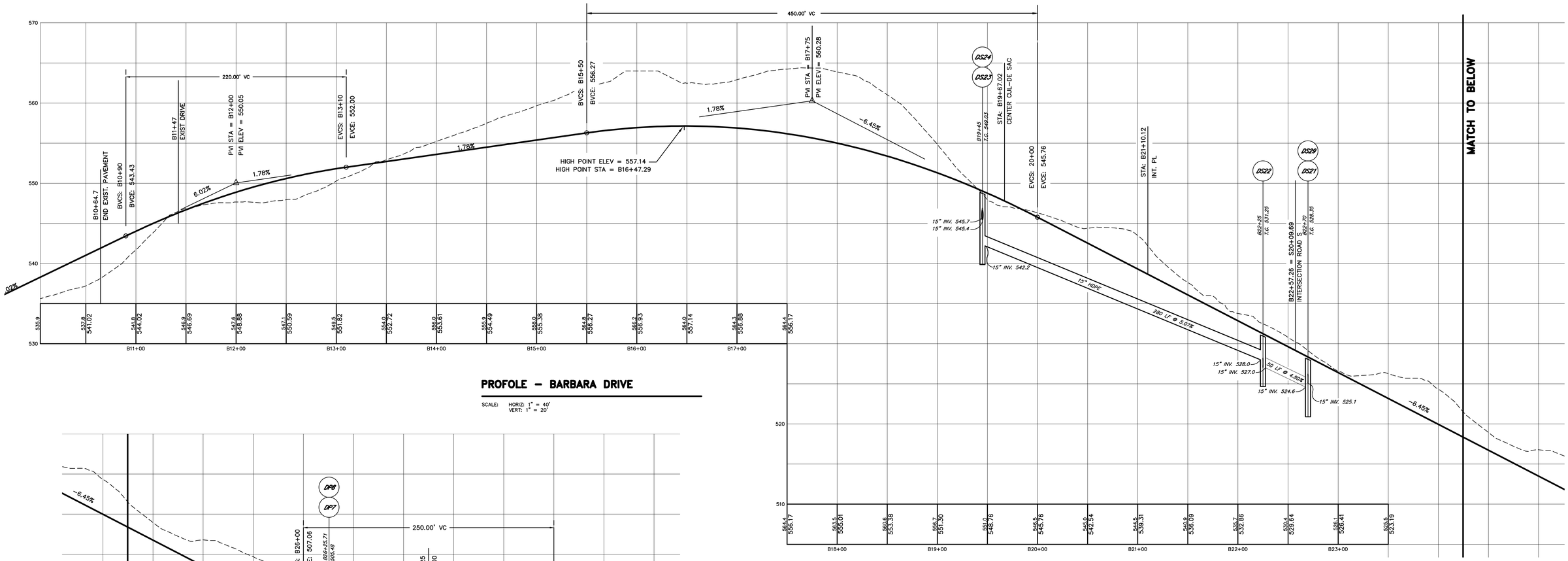
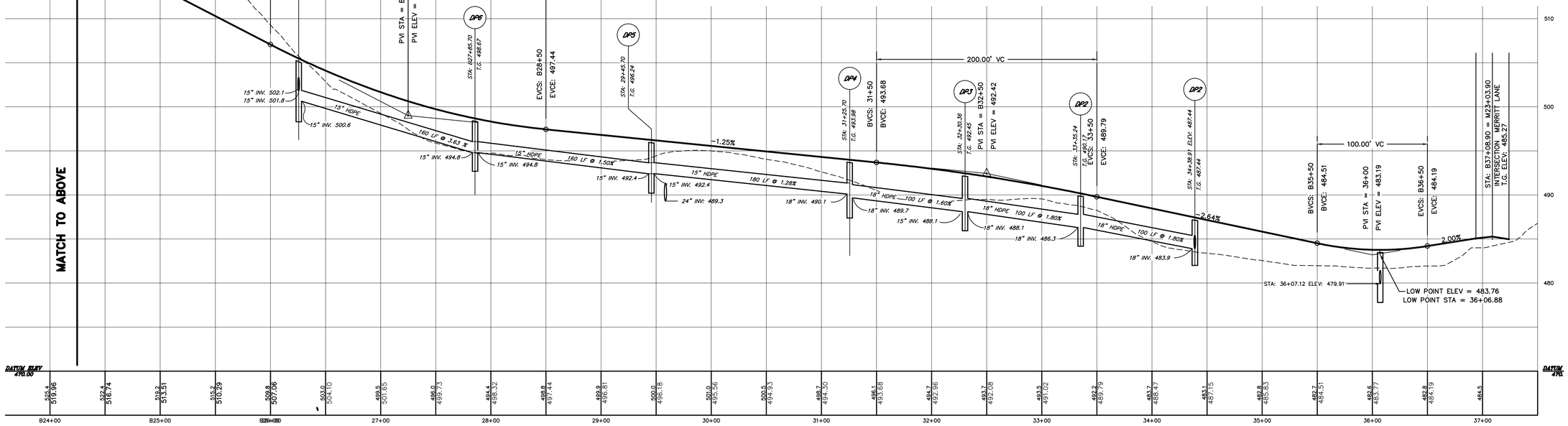
DWG. 16 OF 20

10/17/2022 – REVIVE PROJECT



PROFOLE – BARBARA DRIVE

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



PROFOLE – BARBARA DRIVE

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

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1	2/21/07	REVISE "DP" STORM RUN	DJW

JOB NO. 02025L5
FILE: 02025L5-16
SCALE: NOT TO SCALE
DATE: JUNE 28, 2006

TITLE: 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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DWG. 17 OF 20

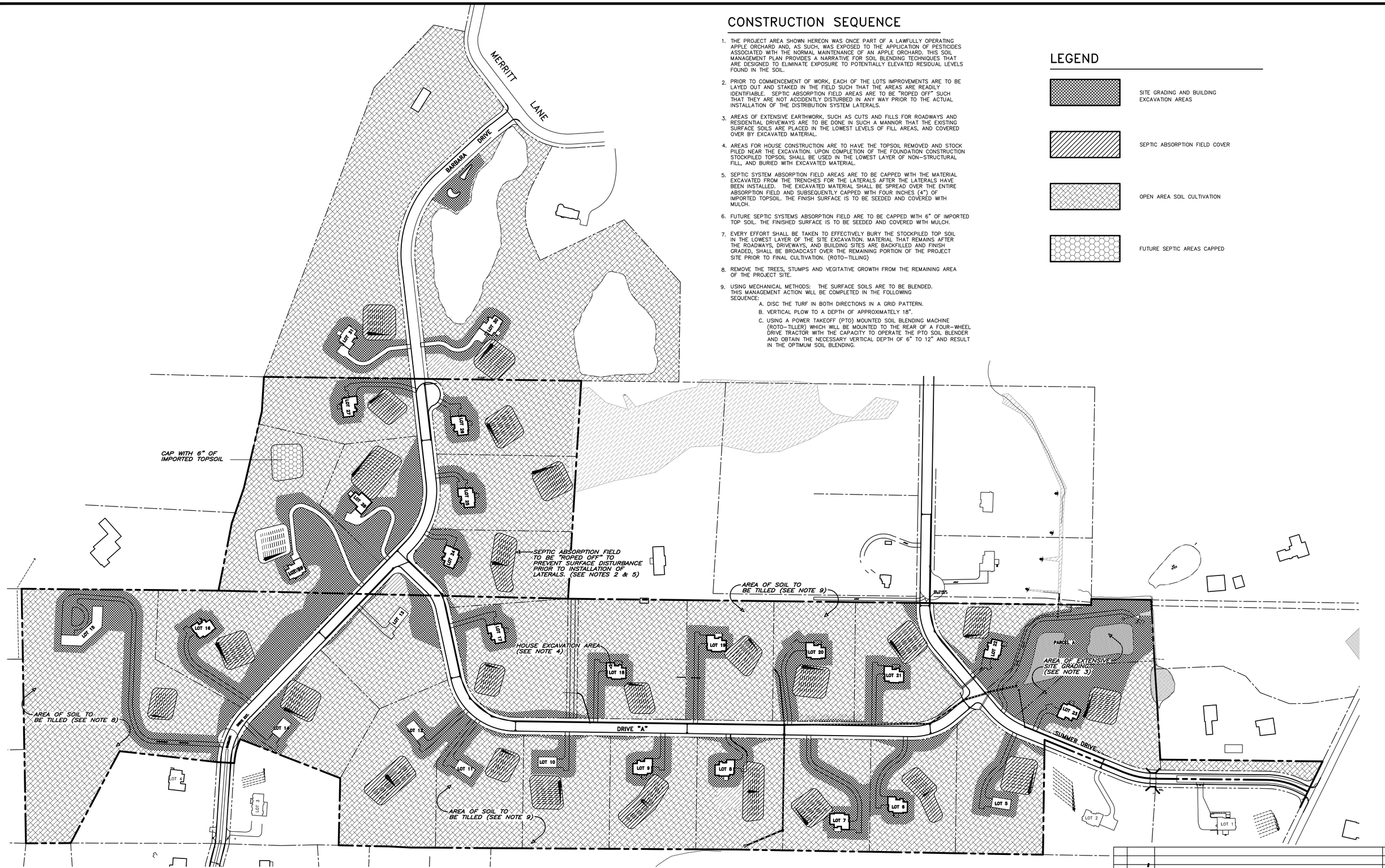
10/17/2022 – REVISE PROJECT

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 MANNOR 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 VEGITATIVE 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
DDD	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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1	2/21/07	PB REVIEW COMMENTS	DJW

JOB NO. 02025L5 FILE: 02025L5-17 | SCALE: N.T.S. | DATE: JUNE 28, 2006

TITLE: AGRICULTURAL SOIL MANAGEMENT PLAN AND NOTES

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

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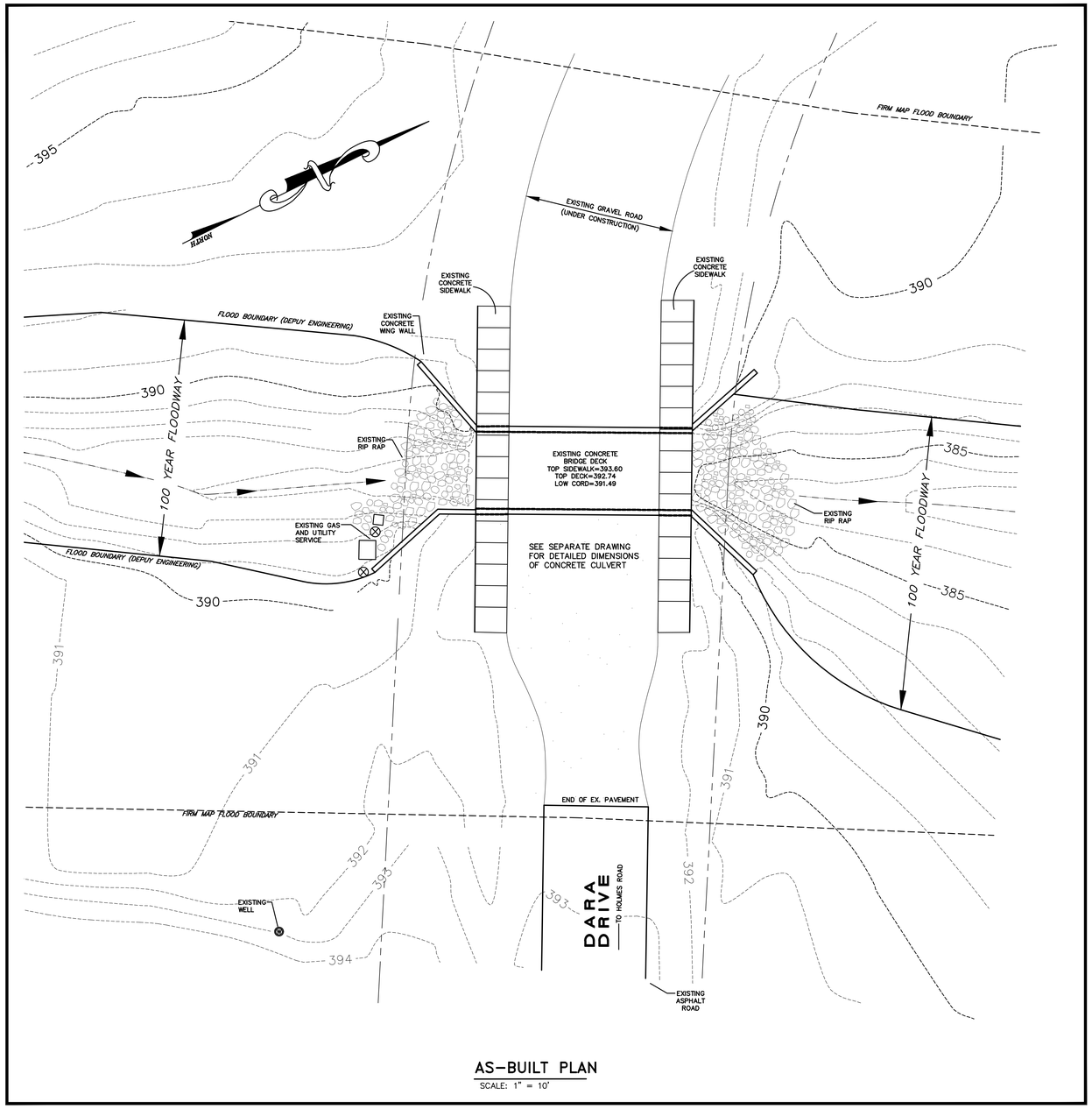
DWG. 18 OF 20

10/17/2022 - REVVE PROJECT



AS-BUILT PLAN

SCALE: 1" = 10'

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

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1	07/09/07	ADDITIONAL DETAILS PER TOWN OF NEWBURGH ENGINEERS	BJD

JOB NO. 02025L5
FILE: 02025L5-19-20
SCALE: 1" = 10'
DATE: JULY 2, 2007

TITLE: AS BUILT PLAN – CONCRETE CULVERT

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

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CULVERT ASBUILT DWG. 1 OF 2

DWG. 19 OF 20

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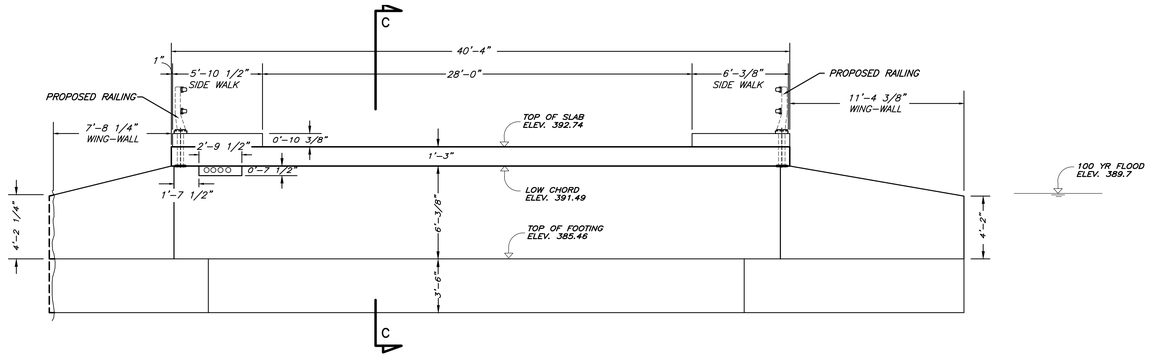
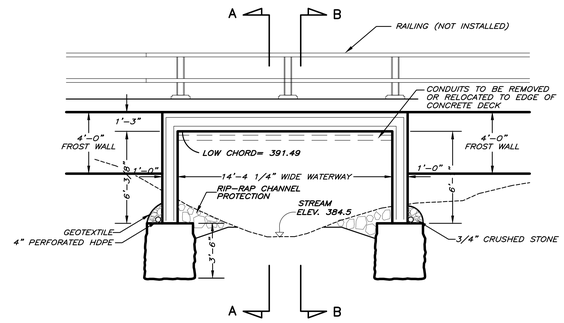
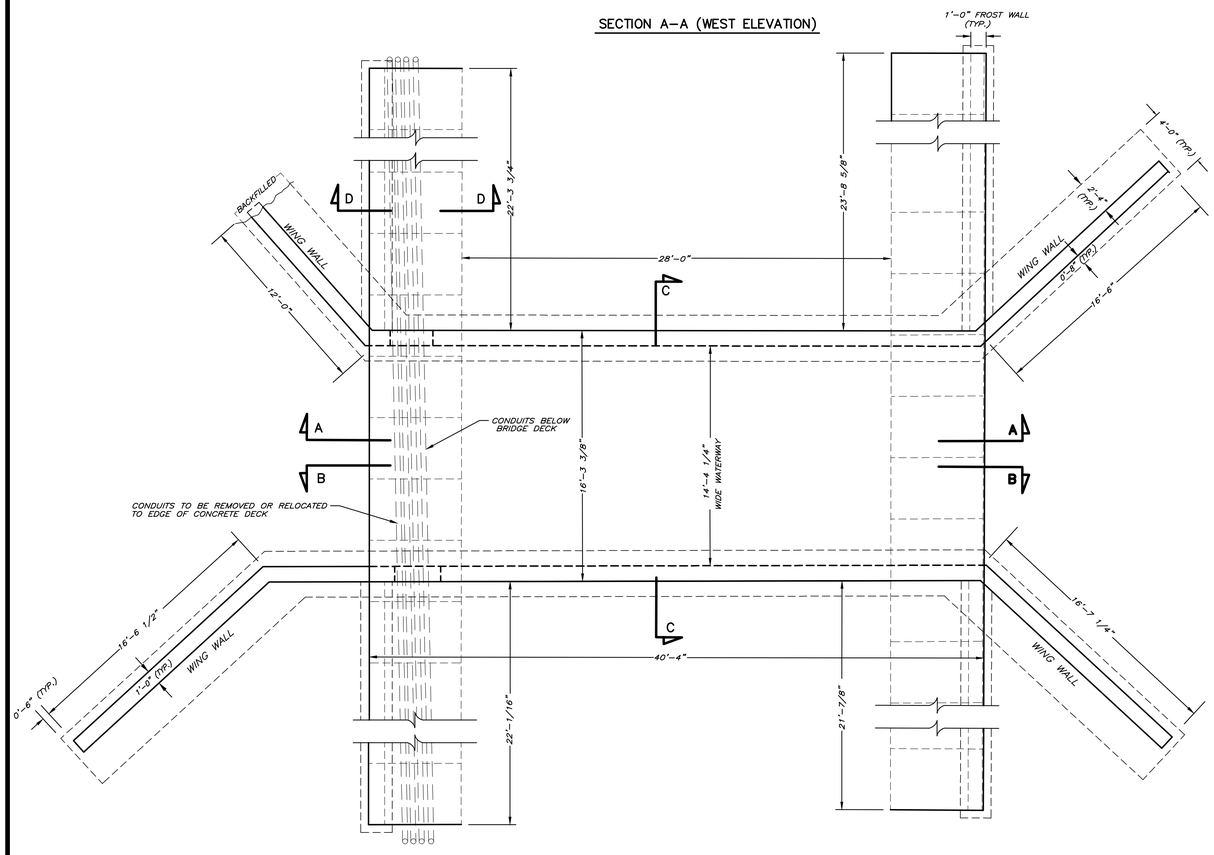
10/17/2022 - REVVE PROJECT



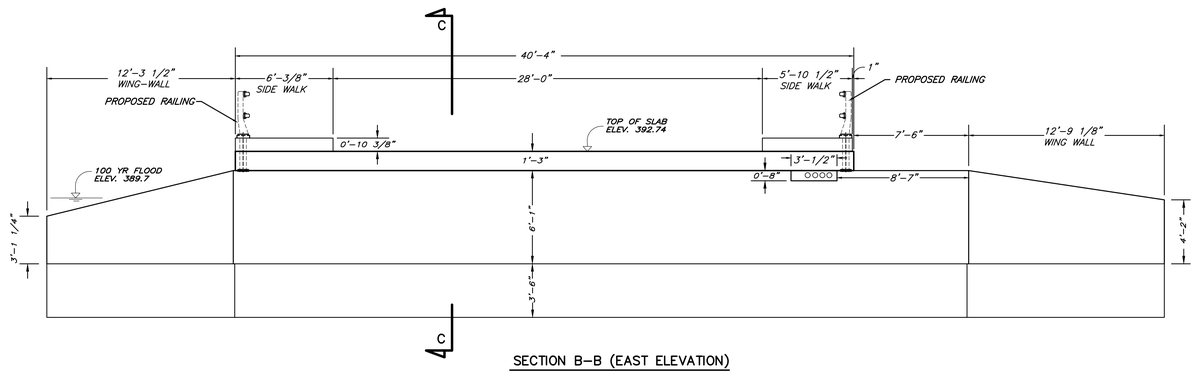


SECTION C-C

SECTION A-A (WEST ELEVATION)



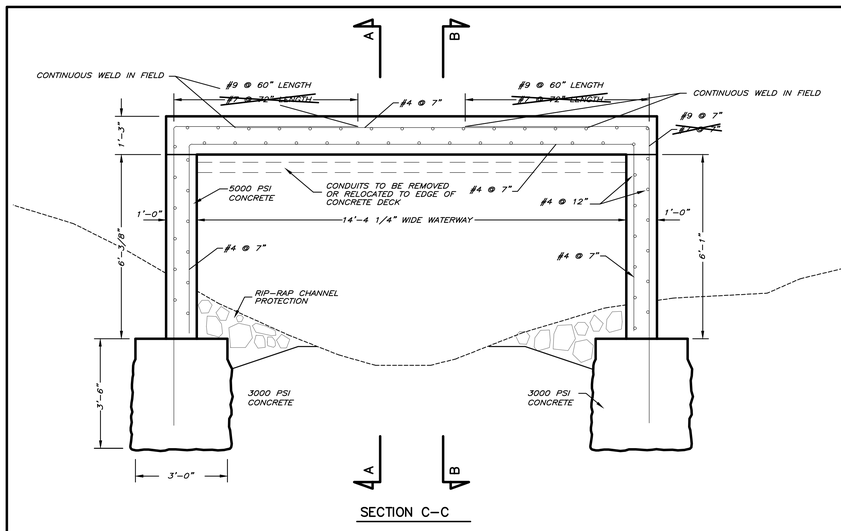
PLAN VIEW



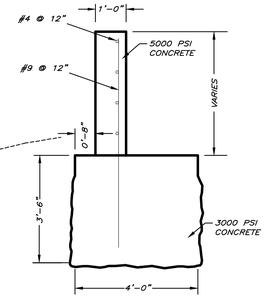
SECTION B-B (EAST ELEVATION)

AS-BUILT PLAN AND SECTIONS

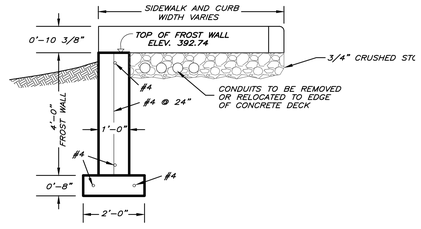
SCALE: 1/4" = 1'-0"



SECTION C-C



WING WALL CROSS SECTION



SECTION D-D

THE CONCRETE CULVERT STRUCTURE WAS DESIGNED & CONSTRUCTED TO MEET H-20 LOADING

AS-BUILT CROSS-SECTION AND DETAIL

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

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JOB NO. 02025L5
FILE: 02025L5-19-20
SCALE: AS SHOWN
DATE: JULY 2, 2007

TITLE: AS-BUILT PLAN AND SECTIONS CONCRETE CULVERT

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

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CULVERT ASBUILT DWG. 2 OF 2

DWG. 20 OF 20

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10/17/2022 - REVVE 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 LOSES 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

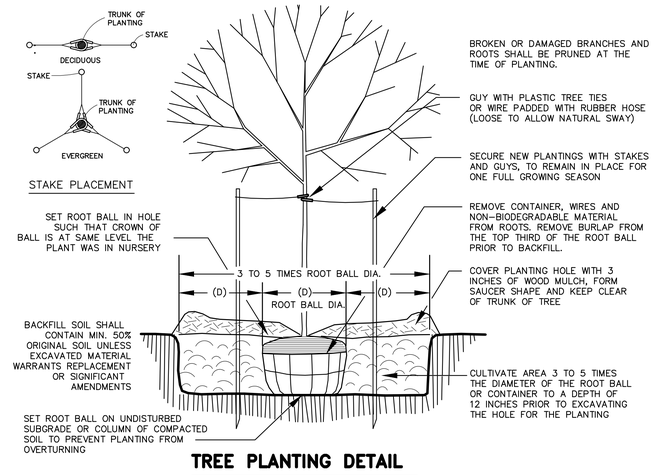
PERMANENT TURF GRASS SCHEDULE

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

CA — PLANT REFERENCE MARKER (SEE PLANTING SCHEDULE)

Z — QUANTITY OF PLANTINGS



TREE PLANTING DETAIL

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

RESERVED FOR APPROVAL

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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 FILE: 02025L5TP1 | SCALE: AS NOTED | DATE: JUNE 28, 2006

TITLE: TREE PLANTING PLAN

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

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DWG. TP1 OF 1

10/17/2022 - REVIVE PROJECT