DUTCHESS COUNTY GENERAL NOTES:

1. ALL TILE PRIMARY FIELD LATERALS SHALL BE OF EQUAL LENGTH AND PARALLEL TO THE CONTOURS.

2. NO LATERALS SHALL BE PLACED BENEATH A DRIVEWAY.

3. ALL LAUNDRY AND KITCHEN WASTES SHALL BE DISCHARGED INTO THE SEWAGE DISPOSAL SYSTEM.

4. NO CELLAR, ROOF, FLOOR OR FOOTING DRAINS SHALL BE DISCHARGED INTO THE SEWAGE DISPOSAL SYSTEM.

5. IF A WELL IS AT A LOWER ELEVATION THAN THE TILE FIELD, THE MINIMUM SEPARATION SHALL BE 200'. MINIMUM SEPARATION SHALL BE 100' UNDER ANY CONDITION.

6. NO SEWAGE DISPOSAL SYSTEM SHALL BE LOCATED WITHIN 100' OF ANY WATERCOURSE, STREAMS, LAKES, AND SWAMPS.

7. ALL TREES WITHIN 10' OF THE TILE FIELD AREA SHALL BE REMOVED PRIOR TO CONSTRUCTION.

8. ALL SEWAGE DISPOSAL SYSTEMS SHALL BE LOCATED IN THE EXACT LOCATION ON THIS PLAN UNLESS OTHERWISE AUTHORIZED BY THE DUTCHESS COUNTY HEALTH DEPT.

9. NO GARBAGE GRINDER IS PERMITTED.

10. BACKFILL MATERIAL FOR THE TILE TRENCHES SHALL CONTAIN NO PARTICLES WITH ANY DIMENSION GREATER THAN 4". BACKFILL MATERIAL MUST BE INSPECTED AND APPROVED BY THE DUTCHESS COUNTY HEALTH DEPT. BEFORE INSTALLATION.

11. THE DUTCHESS COUNTY HEALTH DEPT. SHALL BE NOTIFIED PRIOR TO THE BACKFILLING OF ANY COMPLETED SEWAGE DISPOSAL SYSTEM SO THAT A FINAL INSPECTION BY A DEPARTMENT REPRESENTATIVE CAN BE MADE.

12. THE DUTCHESS COUNTY DEPT. OF HEALTH SHALL BE CONTACTED PRIOR TO THE COMMENCEMENT OF THE HOME CONSTRUCTION AND/OR ISSUANCE OF A BUILDING PERMIT FOR A PRE-CONSTRUCTION INSPECTION TO ENSURE THAT THE ARRANGEMENTS FOR WATER SUPPLY AND SEWAGE DISPOSAL ARE COMMENCED IN ACCORDANCE WITH THE APPROVED PLANS AND AMENDMENTS THERETO AND GENERALLY ACCEPTED STANDARDS.

13. ALL WELLS AND SDS EXISTING OR APPROVED WITHIN 200' OF THE PROPOSED WELLS AND SDS ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE SDS AND WELL.

14. EXISTING WELLS AND SEPTICS SHOWN ON THIS MAP WERE INSTALLED PRIOR TO APPROVAL DATE AND ARE NOT PART OF THIS APPROVAL.

15. "THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES; AND, AS A CONDITION OF THIS APPROVAL, A CONSTRUCTION INSPECTION BY A REPRESENTATIVE OF THE DUTCHESS COUNTY HEALTH DEPT. SHALL BE DONE TO DETERMINE THAT CONSTRUCTION AT THE TIME OF INSPECTION WAS COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS AND ANY AMENDMENT THEREOF."

16. APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF FIVE (5) YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF RE-SUBMISSION."

17. ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.

18. PRIOR TO CONSTRUCTION OF A WATER WELL, THE WELL DRILLER OF EACH LOT SHALL APPLY TO THE DUTCHESS COUNTY HEALTH DEPT. FOR A PERMIT TO CONSTRUCT A WELL.

19. NO REGRADING IN SDS AREA EXCEPT AS SHOWN ON THIS MAP.

20. IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE DUTCHESS COUNTY HEALTH DEPT. INSPECTOR AND/OR CERTIFYING ENGINEER THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AS A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE.

21. THE PROPOSED WELL(S) AND SEWAGE DISPOSAL SYSTEM(S) MUST BE STAKED OUT BY A LICENSED SURVEYOR PRIOR TO INSTALLATION.

22. SEWAGE DISPOSAL SYSTEMS SHALL NOT BE INSTALLED IN WET OR FROZEN SOILS.

STANDARD NOTES:

THE DESIGN, CONSTRUCTION, AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

"APPENDIX 75-A, WASTE TREATMENT, INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."

"WASTE TREATMENT HANDBOOK, INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE DEPT. OF HEALTH."

"PLANNING THE SUBDIVISION AS PART OF THE TOTAL ENVIRONMENT, NEW YORK STATE DEPT. OF HEALTH."

"NEW YORK STATE DEPT. OF HEALTH AND DUTCHESS COUNTY DEPT. OF HEALTH POLICIES, PROCEDURES AND STANDARDS."

"DUTCHESS COUNTY DEPT. OF HEALTH SANITARY CODE ARTICLE XI AND ARTICLE XIX.

"DUTCHESS COUNTY DEPT. OF HEALTH CERTIFICATE OR NOTIFICATION OF APPROVAL LETTER."

ADVISORY:

ALTHOUGH INFORMATION HAS BEEN SUBMITTED AND/OR TEST WELLS HAVE BEEN DRILLED TO AID IN DEMONSTRATING THE ADEQUACY (QUALITY AND QUANTITY) OF THE WATER SUPPLY, THIS DOES NOT CONSTITUTE A GUARANTEE THAT AN ADEQUATE WATER SUPPLY IS AVAILABLE FOR EACH AND EVERY LOT.

SOILS LEGEND

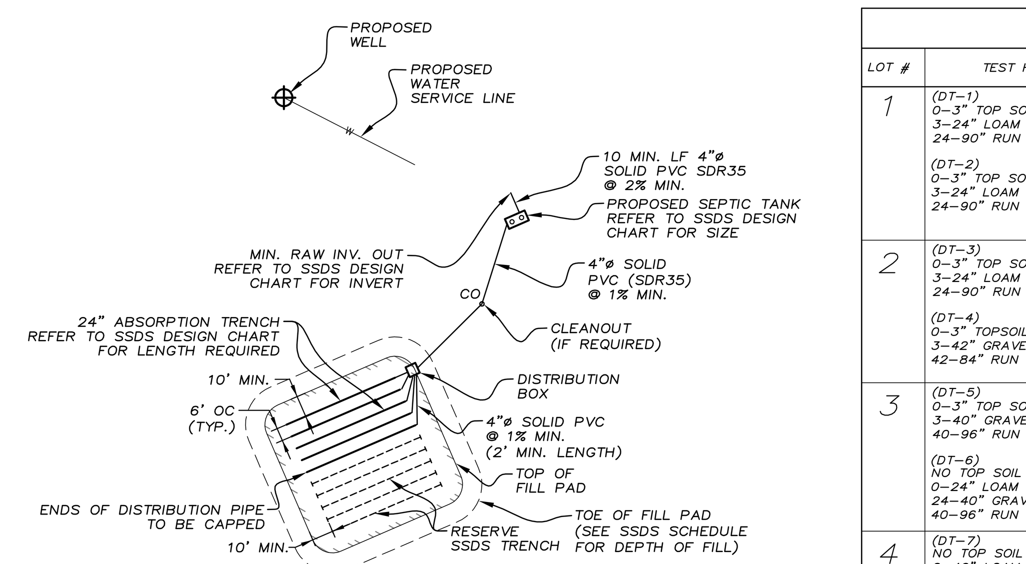
SYMBOL	SOIL NAME/DESCRIPTION	SLOPES
CuA	COPAKE GRAVELLY SILT LOAM – VERY DEEP, COMPLEX SLOPES, WELL DRAINED	0–2%
CuD	COPAKE GRAVELLY SILT LOAM – VERY DEEP, COMPLEX SLOPES, WELL DRAINED	15–30%
CwA	COPAKE CHANNERY SILT LOAM – VERY DEEP, SMOOTH SLOPES, & WELL DRAINED	NEARLY LEVEL
FcD	FARMINGTON-GALWAY COMPLEX – SHALLOW, WELL DRAINED & SOMEWHAT EXCESSIVELY DRAINED FARMINGTON SOILS (40%), MODERATELY DEEP, WELL DRAINED & MODERATELY WELL DRAINED GALWAY SOILS (30%), & OTHER SOILS & BEDROCK (30%)	15–30%
Wy	WAYLAND SILT LOAM – VERY DEEP, NEARLY LEVEL SMOOTH SLOPES, POORLY DRAINED & VERY POORLY DRAINED WAYLAND SOILS	0–3%
W	WATER	N/A

NOTE: APPROXIMATE LIMITS OF SOIL TYPES TAKEN FROM DUTCHESS COUNTY SOIL SURVEY, 1991.

FLOOD PLAIN DATA

SYMBOL	DESCRIPTION
ZONE AE	AREAS OF 100-YEAR FLOOD; BASE FLOOD ELEVATIONS AND FLOOD HAZARD FACTORS DETERMINED
ZONE X	AREAS BETWEEN THE 100-YEAR FLOOD & 500-YEAR FLOOD
ZONE X	AREAS OF MINIMAL FLOODING

NOTE: APPROXIMATE LIMITS OF ZONE TYPES TAKEN FROM NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS FOR THE TOWNS OF AMENIA, DOVER AND WASHINGTON, DUTCHESS COUNTY, NY- PANEL NUMBERS 36027C0339E, 36027CD427E EFFECTIVE DATE MAY 2, 2012.



NOTES:
1. TOE OF SLOPE SHALL BE A MINIMUM OF 10 FEET FROM PROPERTY LINE AND 20 FEET FROM DWELLING.
2. SEE SSDS SCHEDULE FOR DEPTH OF FILL.
3. PROVIDE A MINIMUM 2 FT OF 4" SOLID PVC PRIOR TO THE PERFORATED LATERALS.
4. SEPTIC TANK SHALL BE A MINIMUM OF 50 FT FROM THE WELL AND A MINIMUM OF 10 FT FROM THE BUILDING.

TYPICAL SSDS LAYOUT IN FILL
SCALE: 1"=50'

SEWAGE DISPOSAL SCHEDULE

LOT #	TEST HOLE DESCRIPTION **	MAX. # BEDROOMS	PERC. RESULTS* (DESIGN RATE)	WATER ELEV.	MOTTLING ELEV.	SEPTIC TANK	LENGTH OF TRENCHES REQUIRED	LENGTH OF TRENCHES PROVIDED	ELEVATIONS F.F.	ELEVATIONS RAW	FILL PAD APPRX. DEPTH	FILL PAD APPRX. VOL.	REMARKS
1	(DT-1) 0-3" TOP SOIL 3-24" LOAM 24-90" RUN OF BANK (DT-2) 0-3" TOP SOIL 3-24" LOAM 24-90" RUN OF BANK	4	(1-5 MIN.)	–	(DT-1) 24" (DT-2) 24"	4 BEDROOM 1250 3 BEDROOM 1000	4 BEDROOM 216 LF 3 BEDROOM 162 LF	224 LF PRIMARY 7 ROWS @ 32 LF 100% RESERVE 7 ROWS @ 32 LF	413.50'	410.40'	42"	660 CY SAND & GRAVEL	DESIGN SHOWN ON PLAN FOR 4 BEDROOMS PRIMARY & RESERVE FILLS TO BE PLACED AT TIME OF CONSTRUCTION
2	(DT-3) 0-3" TOP SOIL 3-24" LOAM 24-90" RUN OF BANK (DT-4) 0-3" TOPSOIL 3-42" GRAVEL LOAM 42-84" RUN OF BANK	4	(1-5 MIN.)	–	(DT-3) 24"	4 BEDROOM 1250 3 BEDROOM 1000	4 BEDROOM 216 LF 3 BEDROOM 162 LF	220 LF PRIMARY 4 ROWS @ 55 LF 100% RESERVE 4 ROWS @ 55 LF	412.00'	409.25'	42"	660 CY SAND & GRAVEL	DESIGN SHOWN ON PLAN FOR 4 BEDROOMS PRIMARY & RESERVE FILLS TO BE PLACED AT TIME OF CONSTRUCTION
3	(DT-5) 0-3" TOP SOIL 3-40" GRAVEL LOAM 40-96" RUN OF BANK (DT-6) NO TOP SOIL 0-24" LOAM 24-40" GRAVEL LOAM 40-96" RUN OF BANK	4	(1-5 MIN.)	–	(DT-5) 24" (DT-6) 24"	4 BEDROOM 1250 3 BEDROOM 1000	4 BEDROOM 216 LF 3 BEDROOM 162 LF	224 LF PRIMARY 7 ROWS @ 32 LF 100% RESERVE 7 ROWS @ 32 LF	412.00'	407.75'	42"	660 CY SAND & GRAVEL	DESIGN SHOWN ON PLAN FOR 4 BEDROOMS PRIMARY & RESERVE FILLS TO BE PLACED AT TIME OF CONSTRUCTION
4	(DT-7) NO TOP SOIL 0-40" LOAM 40-96" RUN OF BANK (DT-8) NO TOP SOIL 0-24" LOAM 24-60" GRAVEL LOAM 60-90" RUN OF BANK	4	(1-5 MIN.)	(DT-7) 96"	(DT-7) 40" (DT-8) 24"	4 BEDROOM 1250 3 BEDROOM 1000	4 BEDROOM 216 LF 3 BEDROOM 162 LF	240 LF PRIMARY 4 ROWS @ 60 LF 100% RESERVE 4 ROWS @ 60 LF	408.50'	405.25'	42"	660 CY SAND & GRAVEL	DESIGN SHOWN ON PLAN FOR 4 BEDROOMS PRIMARY & RESERVE FILLS TO BE PLACED AT TIME OF CONSTRUCTION
5	(DT-13) 0-12" GRAVELLY LOAM 12-24" FINE SAND 24-64" MEDIUM SAND (DT-14) NO TOP SOIL 0-60" RUN OF BANK	4	(6-7 MIN.)	(DT-13) 64" (DT-14) 48"	–	4 BEDROOM 1250 3 BEDROOM 1000	4 BEDROOM 260 LF 3 BEDROOM 195 LF	264 LF PRIMARY 6 ROWS @ 44 LF 100% RESERVE 6 ROWS @ 44 LF	399.00'	396.60'	18"	300 CY SAND & GRAVEL	DESIGN SHOWN ON PLAN FOR 4 BEDROOMS PRIMARY & RESERVE FILLS TO BE PLACED AT TIME OF CONSTRUCTION
6	(DT-11) NO TOP SOIL 0-12" LOAM 12-19" RUN OF BANK 19-48" MEDIUM SAND 48-78" FINE SAND (DT-12) NO TOP SOIL 0-84" MEDIUM SAND	4	(6-7 MIN.)	(DT-11) 68" (DT-12) 56"	(DT-11) 28" (DT-12) 42"	4 BEDROOM 1250 3 BEDROOM 1000	4 BEDROOM 260 LF 3 BEDROOM 195 LF	260 LF PRIMARY 5 ROWS @ 52 LF 100% RESERVE 5 ROWS @ 52 LF	399.00'	396.35'	42"	660 CY SAND & GRAVEL	DESIGN SHOWN ON PLAN FOR 4 BEDROOMS PRIMARY & RESERVE FILLS TO BE PLACED AT TIME OF CONSTRUCTION

* ORIGINAL PERCOLATION TESTS PERFORMED ON 7/27/05 AND 7/28/05. PERCOLATION TESTS CONDUCTED AGAIN ON 3/14/08. RATES OBSERVED WERE CONSISTANT WITH ORIGINAL RESULTS.
** DEEP TESTS WERE PERFORMED ON 7/14/05.

TEST WELL INFORMATION

WELL #	LOCATION	DATE DRILLED	GPM	DEPTH
1	LOT 3	04/29/2011	15	385'
2	LOT 6	05/06/2011	25	405'

SEPTIC LAYOUT PLAN
SCALE: 1" = 50'

LEGEND

- PROPERTY LINE
- PROPOSED PROPERTY LINE
- PROPOSED HOUSE
- EXISTING 10 FT CONTOUR
- EXISTING 2 FT CONTOUR
- PROPOSED 10 FT CONTOUR
- PROPOSED 2 FT CONTOUR
- + 398.2 PROPOSED SPOT ELEVATION
- EXISTING EDGE OF PAVEMENT
- EXISTING UTILITY POLE
- EXISTING WELL
- PROPOSED WELL
- WETLAND LIMIT LINE
- WETLAND BUFFER LINE
- EXISTING TREE LINE
- PROPOSED TREE LINE
- PROPOSED CONSERVATION EASEMENT BOUNDARY
- TOE OF FILL
- TOP OF FILL
- SEPTIC TANK
- DISTRIBUTION BOX
- SEPTIC LATERALS (PRIMARY)
- SEPTIC LATERALS (100% RESERVE)
- PROPOSED WATER SERVICE LINE
- DT-11 SEPTIC DEEP TEST
- PT-12 SEPTIC PERC TEST
- CuD SOIL DELINEATION LINE & DESIGNATION
- PROPOSED INFILTRATOR AREA

NORTH

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

GENERAL NOTES:

1. REFER TO EROSION AND SEDIMENT CONTROL SHEET 5 OF 8 FOR PROPOSED EROSION CONTROL MEASURES AND LOCATIONS.
2. REFER TO HYDRAULIC PROFILES AND DETAILS ON SHEET 7 OF 8 FOR MORE INFORMATION.

2	REVISED PER NYSDOT COMMENTS	AB	3/11/2014
1	REVISED PER NYSDEC COMMENTS	AB	1/24/2014

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JOSEPH ZARECKI, PE.
LIC. N.Y. No. 61468

LICENSED IN N.Y. & CT.
ZARECKI & ASSOCIATES L.L.C. ARCHITECTURE ENGINEERING SURVEYING

SEPTIC LAYOUT PLAN
MEADOW BROOK SUBDIVISION
PREPARED FOR
MEADOW BROOK PROPERTIES, LLC
TOWN OF DOVER, DUTCHESS COUNTY, NEW YORK

DATE: 10-29-2013 | PROJECT NO.: 2004.004 | SCALE: 1"=50'

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SHEET NO. 6 OF 8