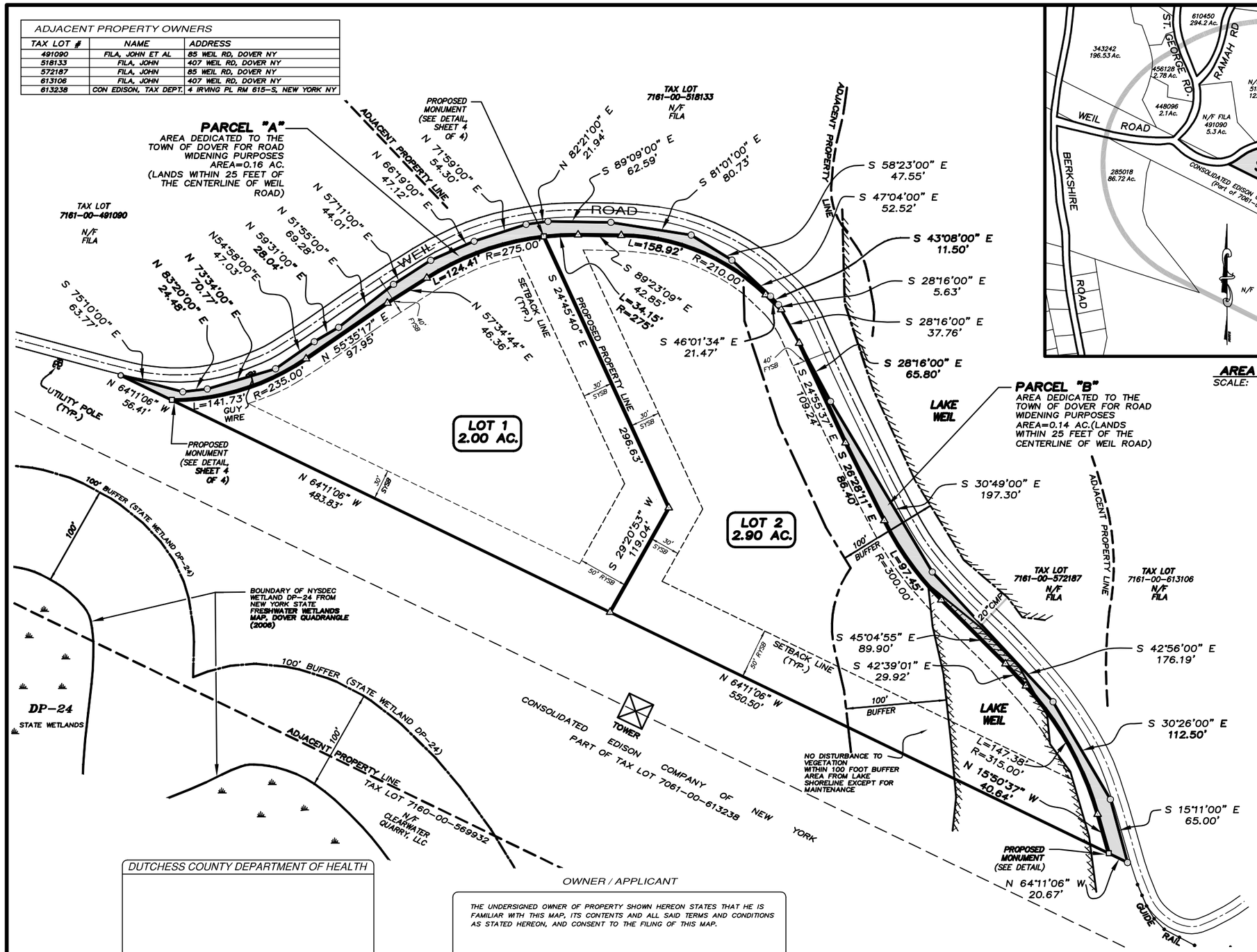
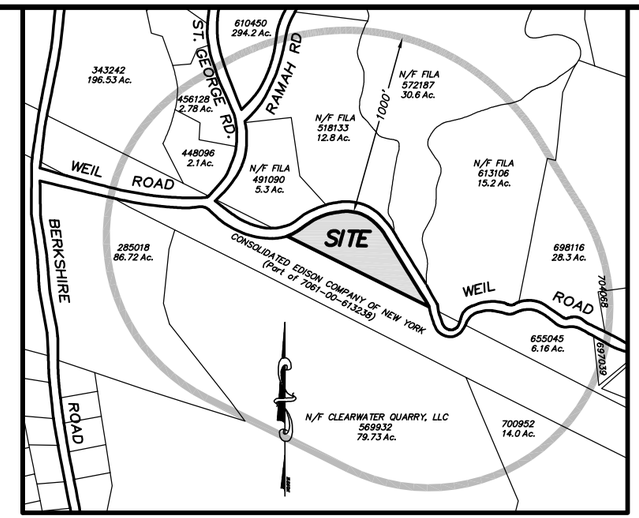
ADJACENT PROPERTY OWNERS		
TAX LOT #	NAME	ADDRESS
491090	FILA, JOHN ET AL	85 WEIL RD, DOVER NY
518133	FILA, JOHN	407 WEIL RD, DOVER NY
572187	FILA, JOHN	85 WEIL RD, DOVER NY
613106	FILA, JOHN	407 WEIL RD, DOVER NY
613238	CON EDISON, TAX DEPT.	4 IRVING PL RM 615-S, NEW YORK NY





AREA MAP
SCALE: 1"=400'

VICINITY MAP
SCALE: 1"=2000'

LEGEND	
SYMBOL	ITEM/DESCRIPTION
	PROPERTY LINE/COR.
	PROP. PROPERTY LINE/COR.
	PROP. PROPERTY LINE/MON.
	EDGE OF ROAD
	EXISTING GUIDE RAIL
	SETBACK LINE
300	EXISTING CONTOUR
	UTILITY POLE
	STONE WALL
	WETLANDS

SCHEDULE OF DIMENSIONAL REGULATIONS TOWN OF DOVER, OVERLAY DISTRICTS (AQUIFER-VBAS)

WORK AREA RESTRICTIONS	REQUIRED	PROVIDED
200' RADIUS CIRCULAR "WELLHEAD BUFFER" REQUIRED –	"FOR ANY WELL FOR IDENTIFIED AND DECLARED PUBLIC WATER SYSTEMS"	N/A (NON-PUBLIC WATER SYSTEM PROVIDED)
PERMIT REQUIRED BY N.Y.S. D.E.C. FOR WASTEWATER TREATMENT SYSTEM –	FOR WASTEWATER FLOWS OVER 1,000 GPD	N/A (520 GPD/LOT WASTEWATER PROVIDED)

NOTES :

1. TAX LOT NUMBER : 7161-00-540067
2. TOTAL AREA = 5.21 ACRES.
3. PROPOSED LOTS : 2
4. ZONING DISTRICT : RU
5. OWNER/APPLICANT : WEIL ROAD, LLC
   797 BERKSHIRE ROAD
   WINGDALE, N.Y. 12594
6. REFERENCE IS MADE TO THE TOWN OF DOVER SUBDIVISION REGULATIONS (CHAPTER 125 OF THE TOWN CODE) AND TO THE TOWN OF DOVER ZONING REGULATIONS (CHAPTER 145 OF THE TOWN CODE) AND TO THE TOWN OF DOVER EROSION & SEDIMENT CONTROL REGULATIONS (CHAPTER 65 OF THE TOWN CODE).
7. SURVEY INFORMATION AND TOPOGRAPHY SHOWN IN THIS PLAN SET FROM AN ACTUAL FIELD SURVEY GENERALLY IN ACCORDANCE WITH U.S.G.S. DATUM.
8. CONTOUR INTERVAL = 2 FT.
9. A CONDITIONAL SUBDIVISION APPROVAL WAS GRANTED FOR THIS PARCEL BY THE TOWN OF DOVER PLANNING BOARD ON JUNE 1, 2004.

AREA & BULK REGULATIONS - ZONE RU

REQUIRED		PROPOSED	
		LOT 1	LOT 2
MIN. LOT AREA	2 ACRES	2.00 AC.	2.90 AC
MIN. ROAD FRONTAGE	250' *	410'	896'
MIN. FRONT YARD	40'**	224'±**	145'±**
MIN. SIDE YARD	30'	49'±	32'±
MIN. REAR YARD	50'	112'±	138'±
MAXIMUM IMPERMEABLE SURFACE COVERAGE	10%	5.9%	4.8%
MAX. BUILDING HEIGHT	35'	<35'	<35'

* FROM TOWN ROAD
** FROM CENTERLINE OF ROADWAY

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

DRAWING INDEX

NAME OF DRAWING	SHEET NO.	DATE	LAST REVISED
SUBDIVISION PLAT	1 OF 4	03-26-15	–
GRADING & UTILITY PLAN	2 OF 4	03-26-15	–
EROSION & SEDIMENT CONTROL PLAN	3 OF 4	03-26-15	–
PROFILE & DETAIL SHEET	4 OF 4	03-26-15	–

DUTCHESS COUNTY DEPARTMENT OF HEALTH

OWNER / APPLICANT

THE UNDERSIGNED OWNER OF PROPERTY SHOWN HEREON STATES THAT HE IS FAMILIAR WITH THIS MAP, ITS CONTENTS AND ALL SAID TERMS AND CONDITIONS AS STATED HEREON, AND CONSENT TO THE FILING OF THIS MAP.

OWNER DATE

TOWN OF DOVER PLANNING BOARD

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF DOVER, NEW YORK, ON _____, 2015 SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGES, ERASURES, MODIFICATIONS, OR REVISION TO THIS PLAT AS APPROVED, SHALL VOID THIS APPROVAL.

CHAIRMAN, TOWN OF DOVER DATE

CERTIFICATIONS HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR TO SUBSEQUENT OWNERS.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

UNDERGROUND EASEMENTS, STRUCTURES AND/OR ENCROACHMENTS, IF ANY, NOT SHOWN HEREON.

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

JEFFREY HECKER, LS.
LIC. N.Y. NO. 50235

LICENSED IN N.Y. & CT.

ZARECKI & ASSOCIATES, LLC
ENGINEERING ARCHITECTURE SURVEYING

SUBDIVISION PLAT
PREPARED FOR
WEIL ROAD, LLC
TOWN OF DOVER, DUTCHESS COUNTY, NEW YORK

SCALE: 1" = 50'	APPROVED BY: JZ	DRAWN BY: JM
DATE: 03-26-15	PROJECT NO. 2002.071A	DESIGN BY: RES

ZARECKI & ASSOCIATES, L.L.C.
Consulting Engineers - Land Surveyors - Architects
11 West Main St. Pawling, NY 12564 845.855.3771 845.855.3772 (Fax)
Ridgefield, CT 06877 203.438.7094

SHEET NO. 1 OF 4

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."

"APPENDIX 5B, STANDARDS FOR WATER WELLS, 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 CERTIFICATE OF APPROVAL LETTER."

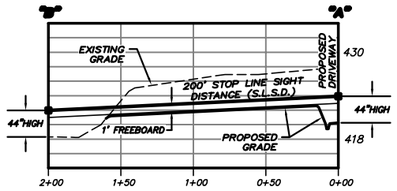
"DUTCHESS COUNTY DEPT. OF HEALTH SANITARY CODE ARTICLE XI AND XIX.

NOTES:

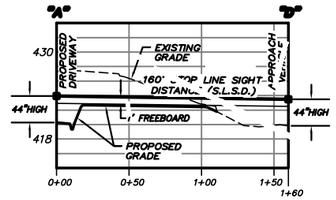
1. THE AREA RESERVED FOR THE SDS (PRIMARY & EXPANSION) SHALL BE PROTECTED FROM VEHICULAR TRAFFIC DURING CONSTRUCTION.

2. DUTCHESS COUNTY DEPARTMENT OF HEALTH APPROVAL IS VALID FOR A FOUR BEDROOM RESIDENCE MAXIMUM.

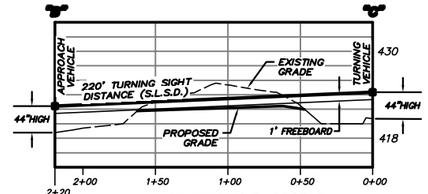
3. ALL WELLS WITHIN THE LIMITING DISTANCES TO THE PROPOSED WELLS AND SEPTICS ARE SHOWN ON THESE PLANS.



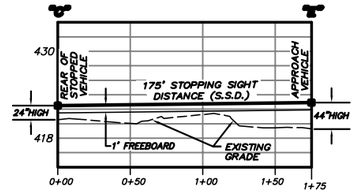
LOT #2 DRIVEWAY S.L.S.D. PROFILE (LEFT)
SCALE: HOR. 1"=50' VERT. 1"=10'



LOT #2 DRIVEWAY S.L.S.D. PROFILE (RIGHT)
SCALE: HOR. 1"=50' VERT. 1"=10'



LOT #2 DRIVEWAY T.S.D. PROFILE
SCALE: HOR. 1"=50' VERT. 1"=10'



LOT #2 DRIVEWAY S.S.D. PROFILE
SCALE: HOR. 1"=50' VERT. 1"=10'

CONTRACTOR NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL MEASURES IN ACCORDANCE WITH SHEET 3 OF 4, "EROSION & SEDIMENT CONTROL PLAN", INCLUDING INSPECTION AT REASONABLE PERIODS AND AFTER ALL STORM EVENTS. SEE "EROSION & SEDIMENT CONTROL INSPECTION AND MAINTENANCE SCHEDULE" AND "EROSION & SEDIMENT CONTROL SEQUENCING SCHEDULE".

2. THE CONTRACTOR SHALL HAVE ALL MATERIALS ONSITE TO PROPERLY CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

3. THE CONTRACTOR SHALL AT NO TIME LEAVE IN CHARGE OF THE SITE SOMEONE WHO IS NOT FAMILIAR AND DOES NOT HAVE A COPY OF SHEET 3 OF 4, "EROSION & SEDIMENT CONTROL PLAN".

ROAD WORK NOTES:

1. THE UNDERGROUND FACILITIES PROTECTION ORGANIZATION (UFPO) MUST BE CONTACTED AT 1-800-962-7962 (OR 811) AT LEAST TWO (2) BUSINESS DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

2. INSTALL ROAD WORK SIGNS AS PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PUBLISHED BY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION AND AS REQUIRED BY THE TOWN OF DOVER.

VICINITY MAP
SCALE: 1"=2000'

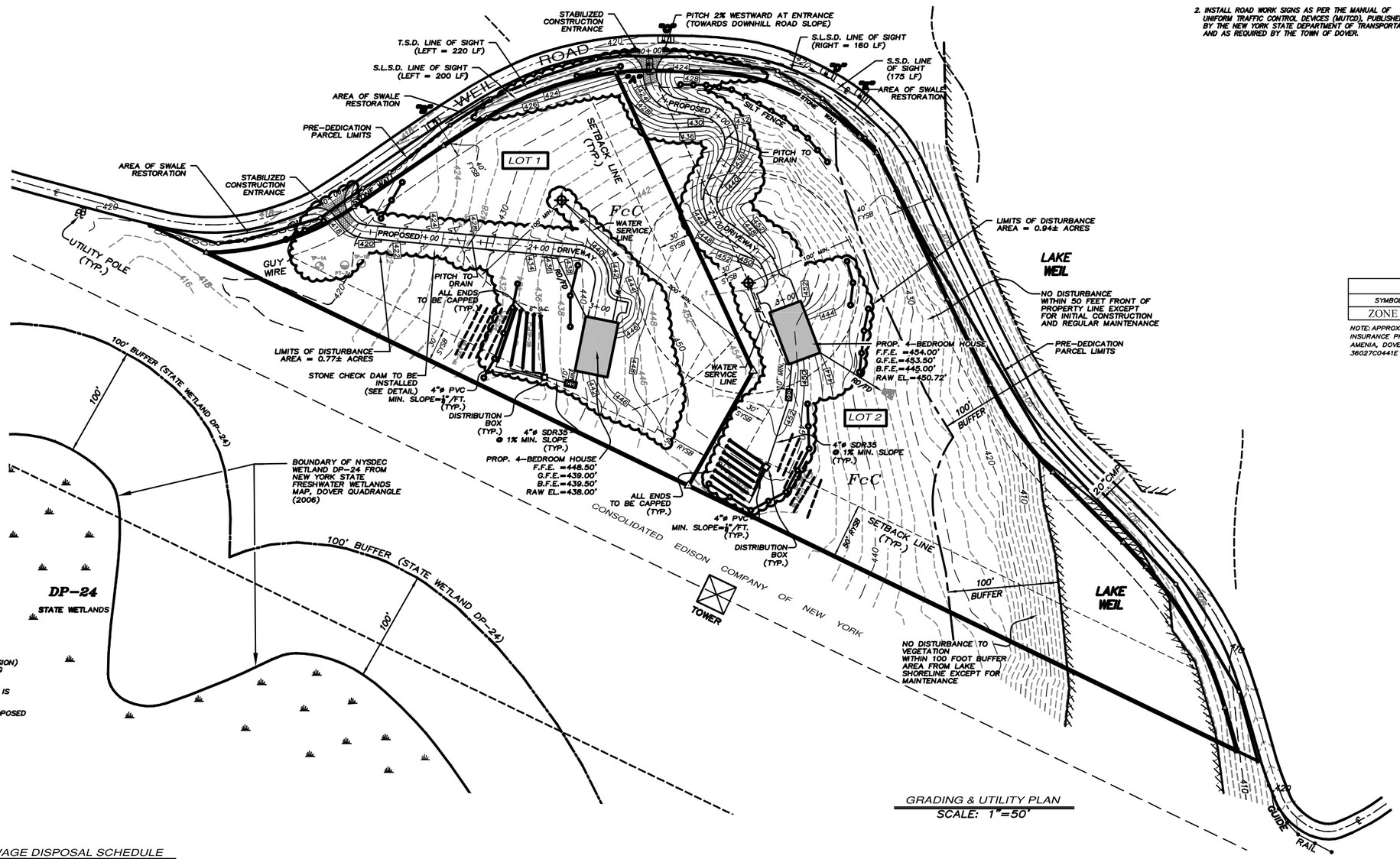
LEGEND

SYMBOL	ITEM/DESCRIPTION
	PROPERTY LINE/COR.
	PROP. PROPERTY LINE/COR
	EDGE OF PAVEMENT
	EXISTING GUIDE RAIL
	SETBACK LINE
500	EXISTING CONTOUR
500	PROPOSED CONTOUR
	UTILITY POLE
	STONE WALL
	PROPOSED DRIVEWAY
	PROPOSED SDS (PRIM./EXP.)
FcC	SOIL TYPE (ENTIRE SITE)
	WETLANDS
TP-3A	DEEP TEST HOLE
PT-1	PERCOLATION TEST HOLE
RD/FD	ROOF DRAIN/FOOTING DRAIN
	SILT FENCE
	STABILIZED CONSTRUCTION ENTRANCE
	LIMITS OF DISTURBANCE

FLOOD PLAIN DATA

SYMBOL	DESCRIPTION
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- MAP NUMBER 36027C0441E EFFECTIVE DATE MAY 2, 2012.



GRADING & UTILITY PLAN
SCALE: 1"=50'

SEWAGE DISPOSAL SCHEDULE

LOT #	PERC. RATE	LENGTH OF FIELDS 3 BRMS	LENGTH OF FIELDS 4 BRMS	SEPTIC TANK 3 BRMS	SEPTIC TANK 4 BRMS	FLOW RATE 3 BRMS	FLOW RATE 4 BRMS	HOLE #	TOTAL DEPTH	ROCK DEPTH	WATER DEPTH	MOTTLING DEPTH	SOIL DESCRIPTION
1	3 MIN/IN	200 LF, 4-50 LF. ABSORPTION TRENCHES (PRIMARY & RESERVE)	250 LF, 5-50 LF. ABSORPTION TRENCHES (PRIMARY & RESERVE)	1,000 GAL.	1,250 GAL.	390 G.P.D.	520 G.P.D.	TP-2A	96"	-	-	-	0" - 12" TOPSOIL 12" - 24" SANDY LOAM 24" - 96" LIMESTONE SAND
								TP-2B	96"	-	-	-	0" - 12" TOPSOIL 12" - 36" SANDY LOAM 36" - 96" LIMESTONE SAND W/BOULDERS
2	3 MIN/IN	180 LF, 5-36 LF. ABSORPTION TRENCHES (PRIMARY & RESERVE)	252 LF, 7-36 LF. ABSORPTION TRENCHES (PRIMARY & RESERVE)	1,000 GAL.	1,250 GAL.	390 G.P.D.	520 G.P.D.	TP-3A	96"	-	-	-	0" - 12" TOPSOIL 12" - 36" SANDY LOAM 36" - 96" LIMESTONE SAND W/BOULDERS
								TP-3B	96"	-	-	-	0" - 12" TOPSOIL 12" - 36" SANDY LOAM 36" - 96" LIMESTONE SAND W/BOULDERS

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

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

LICENSED IN N.Y. & CT.

ZARECKI & ASSOCIATES ARCHITECTURE ENGINEERING SURVEYING

GRADING & UTILITY PLAN
PREPARED FOR
WEIL ROAD, LLC
TOWN OF DOVER, DUTCHESS COUNTY, NEW YORK

SCALE: 1" = 50'	APPROVED BY: JZ	DRAWN BY: JM
DATE: 03-26-15	PROJECT NO. 2002.071A	DESIGN BY: RES

ZARECKI & ASSOCIATES, L.L.C.
Consulting Engineers - Land Surveyors - Architects
11 West Main St. Pawling, NY 12564
845.855.3771
845.855.3772 [Fax]
Ridgefield, CT 06877
203.438.7094

SHEET NO.
2 OF 4

PERMANENT VEGETATIVE COVER:

1. SITE PREPARATION

a. INSTALL EROSION CONTROL MEASURES.
b. SCARIFY COMPACTED SOIL AREAS.
c. LIME AS REQUIRED TO PH 6.5
d. FERTILIZE WITH 10-6-4 4LB/1,000 S.F.
e. INCORPORATE AMENDMENTS INTO SOIL WITHIN DISC HARROW.

2. SEED MIXTURES FOR USE ON SWALES & CUT/FILL AREAS.

	MIXTURE	LB./ACRE
ALT. A	KENTUCKY BLUE GRASS	20
	CREEPING RED FESCUE	28
	RYE GRASS OR REDTOP	5
ALT. B	CREEPING RED FESCUE	20
	REDTOP	2
	TALL FESCUE OR SMOOTH BROOMGRASS	20

3. SEEDING

a. PREPARE SEED BED BY RAKING TO REMOVE STONES, TWIGS, ROOTS AND OTHER FOREIGN MATERIAL.
b. APPLY SOIL AMENDMENTS AND INTEGRATE INTO SOIL.
c. APPLY SEED UNIFORMLY BY CYCLONE SEEDER CULTI-PACKER OR HYDRO-SEEDER AT RATE INDICATED.
d. STABILIZE SEEDED AREAS IN DRAINAGE SWALES.
e. IRRIGATE TO FULLY SATURATE SOIL LAYER, BUT NOT TO DISLODGE PLANTING SOIL.
f. SEED BETWEEN MARCH 13TH TO MAY 31ST AND SEPTEMBER 1ST TO NOVEMBER 15TH. SEEDING MAY OCCUR MAY 15TH AND AUGUST 15TH IF ADEQUATE IRRIGATION IS PROVIDED.

TEMPORARY VEGETATIVE COVER:

1. SITE PREPARATION

a. INSTALL EROSION CONTROL MEASURES.
b. SCARIFY AREAS OF COMPACTED SOIL.
c. FERTILIZE WITH 10-10-10 AT 400/ACRE.
d. LIME AS REQUIRED TO PH 6.5.

2. SEED SPECIES

MIXTURE	LB./ACRE
RAPIDLY GERMINATING ANNUAL RYEGRASS	20
PERENNIAL RYEGRASS	20
CEREAL OATS	36

3. SEEDING

SAME AS PERMANENT VEGETATIVE COVER

TOPSOIL:

EXISTING TOPSOIL WILL BE REMOVED AND STORED IN PILES SUFFICIENTLY REMOVED FROM OTHER EXCAVATION TO AVOID MIXING. STOCKPILES SHALL BE SURROUNDED BY EROSION CONTROL AS OUTLINE ON THESE PLANS.

THE FURNISHING OF NEW TOPSOIL SHALL BE OF A BETTER OR EQUAL TO QUALITY OF THE EXISTING ADJACENT TOPSOIL. IT SHALL MEET THE FOLLOWING CRITERIA (SS713.01 NYSDOT):

1. THE PH OF THE MATERIAL SHALL BE 5.5 TO 7.6.
2. THE ORGANIC CONTENT SHALL NOT BE LESS THAN 2% OR MORE THAN 70%
3. GRADATION:

SIEVE SIZE	%PASSING BY WT.
2 INCH	100
1 INCH	85 TO 100
1/4 INCH	65 TO 100
No. 200 MESH	20 TO 80

MULCHING:

1. SITE PREPARATION

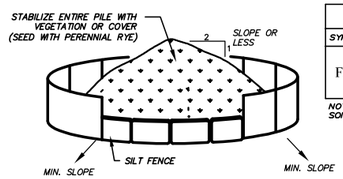
A. PRIOR TO MULCHING, INSTALL THE NECESSARY TEMPORARY OR PERMANENT EROSION CONTROL (STRUCTURAL) PRACTICES AND DRAINAGE SYSTEMS WITHIN OR ADJACENT TO AREA TO BE MULCHED.
B. SLOPE, GRADE AND SMOOTH THE SITE IF CONVENTIONAL EQUIPMENT IS TO BE USED IN APPLYING AND ANCHORING THE MULCH.
C. REMOVE ALL UNDESIRABLE STONES AND OTHER DEBRIS DEPENDING ON ANTICIPATED LAND USE.
D. COMPACTED OR CRUSTED SOIL SURFACE SHOULD BE LOOSENED TO AT LEAST TWO INCHES BY DISKING OR OTHER SUITABLE METHODS.

2. MULCHING MATERIALS

THE BEST COMBINATION FOR GRASS/LEGUME ESTABLISHMENT IS STRAW (SMALL GRAIN) MULCH APPLIED AT 2 TON/ACRE (90 LBS./1,000 SQ. FT.) AND ANCHORED WITH WOOD FIBER MULCH (HYDROMULCH) AT 500-700 LBS./ACRE (11-17 LBS./1,000 SQ. FT.). THE WOOD FIBER MULCH MUST BE APPLIED THROUGH A HYDROSEEDER IMMEDIATELY AFTER MULCHING.

EROSION & SEDIMENT CONTROL SEQUENCING SCHEDULE

1. STAKE OUT LIMITS OF CONSTRUCTION, PROPOSED WELLS, SUBSURFACE SEWAGE DISPOSAL AREAS, HOUSE, AND DRIVEWAY LOCATIONS, AND SET BENCHMARK(S) IN READILY AVAILABLE SPOTS FOR ACCURACY OF CONSTRUCTION.
2. INSTALL TEMPORARY ROADWORK SIGNS PER TOWN OF DOVER HIGHWAY CODE. NOTE: FLAGGERS REQUIRED WHEN CONSTRUCTION VEHICLES/WORKERS ARE TO BE IN THE ROADWAY.
3. INSTALL SILT FENCE IN LOCATION AND ACCORDING TO DETAIL SHOWN ON PLAN.
4. DURING A PROJECTED WEEK OF DRY WEATHER, REMOVE TOPSOIL FROM AREA TO BE REGRADED AND STOCKPILE IN LOCATION AND ACCORDING TO THE SOIL STOCKPILING DETAIL SHOWN ON THE PLAN.
5. REMOVE ANY TREES REQUIRED AND DISPOSE OF OFFSITE IN AN APPROPRIATE MANNER.
6. STARTING AT THE ROAD, ROUGH IN DRIVEWAYS, SWALE ALONGSIDE THE DRIVEWAYS, AND SIDE SLOPES TO EXISTING GRADE, TAKING CARE TO PROPERLY COMPACT ALL FILLS. STOCKPILE ALL EXCESS SOIL IN LOCATIONS AND ACCORDING TO SOIL STOCKPILING DETAIL SHOWN ON PLAN. REMOVE ANY UNSUITABLE SOIL AND DISPOSE OF OFF-SITE IN AN APPROPRIATE MANNER. IF INCLEMENT WEATHER IS IMPENDING, SEE BELOW AND IMMEDIATELY INSTALL APPROPRIATE EROSION CONTROL ITEMS.
7. IMMEDIATELY UPON COMPLETION OF ROUGH GRADING, INSTALL REMAINING TEMPORARY AND PERMANENT EROSION CONTROL MEASURES, INCLUDING: WATER BARS, STONE RIP-RAP LINED SWALE, STONE CHECK DAMS, AND EROSION CONTROL MATTING IN LOCATIONS AND ACCORDING TO DETAILS SHOWN ON PLAN.
8. DURING A PERIOD OF PROJECTED DRY WEATHER, CLEAN UP AND REGRADE EXISTING DITCH LINE ALONG THE TOWN ROAD BORDERING THE PROPERTY TO FACILITATE DRAINAGE. STABILIZE, IF NECESSARY, ACCORDING TO SPECIFICATIONS PROVIDED BY TOWN ENGINEER AND TOWN OF DOVER HIGHWAY DEPARTMENT. DIG A SMALL SUMP ON BOTH SIDES OF THE DRIVEWAY TO COLLECT ANY STONE THAT WASHES DOWN THE DRIVES SO AS NOT TO IMPEDE FLOW. MAKE SURE THAT WATER, ONCE IN THE DITCH IS ABLE TO FLOW UNOBSTRUCTED, FROM THE HIGH POINT OF THE ROAD, LOCATED AT THE EAST SIDE OF THE PROPOSED DRIVEWAY FOR LOT #2, EITHER WAY DOWN THE ROAD TO AN APPROPRIATE POINT OF RELEASE.
9. PROCEED WITH HOUSE, WELL, & SDS CONSTRUCTION.
10. STAKE OUT FINAL GRADES.
11. PLACE AND COMPACT 4-6" TOPSOIL AND IMMEDIATELY SEED & MULCH (SEE SEEDING AND MULCHING NOTES).
12. REMOVE THE STABILIZED CONSTRUCTION ENTRANCE JUST PRIOR TO PAVING.
13. SEED AND MULCH ALL REMAINING DISTURBED AREAS.
14. REMOVE TEMPORARY ROADWORK SIGNS AND ALL REMAINING EROSION CONTROL MEASURES ONCE DISTURBED AREAS HAVE BEEN STABILIZED.



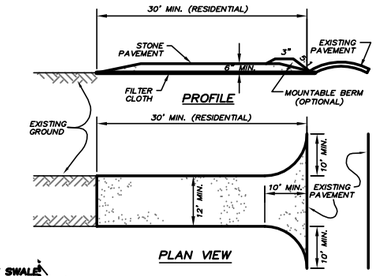
INSTALLATION NOTES

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS FOR INSTALLATION OF SILT FENCE.

SOIL STOCKPILING
N.T.S.

SOILS LEGEND		
SYMBOL	SOIL NAME/DESCRIPTION	SLOPES
FcC	FARMINGTON-GALWAY COMPLEX - SHALLOW, WELL DRAINED & SOMEWHAT EXCESSIVELY DRAINED FARMINGTON SOILS (40%), MODERATELY DEEP, WELL DRAINED & MODERATELY WELL DRAINED GALWAY SOILS (30%), & OTHER SOILS & ROCK OUTCROP (30%)	5-16%

NOTE: APPROXIMATE LIMITS OF SOIL TYPES TAKEN FROM DUTCHESS COUNTY SOIL SURVEY, 2002

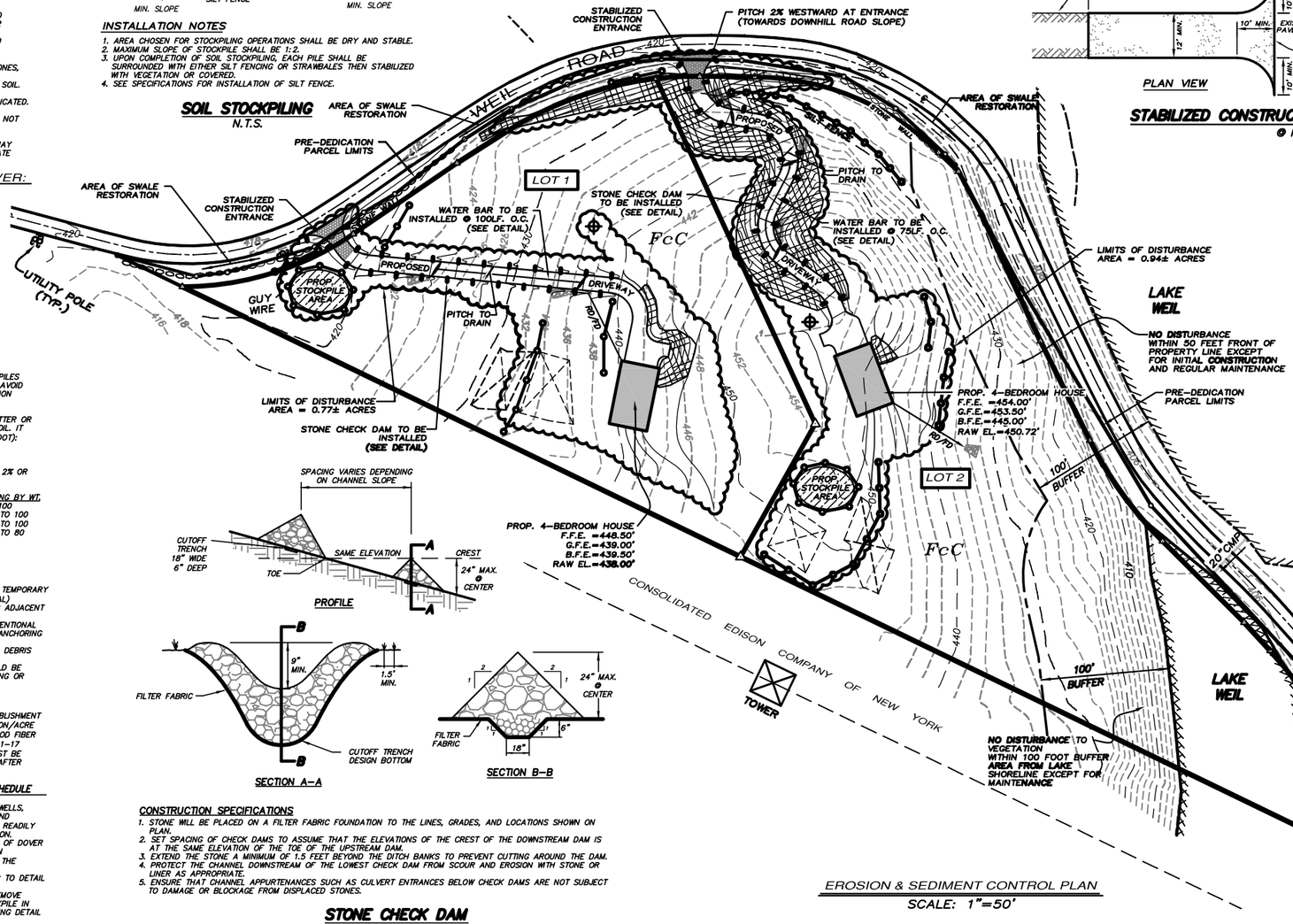


STABILIZED CONSTRUCTION ENTRANCE DETAIL
@ N.T.S.

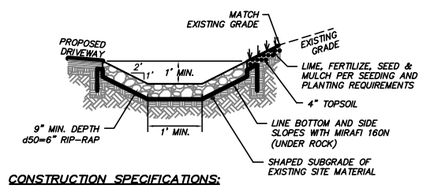
CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE.
2. LENGTH - NO LESS THAN 30 FEET (SINGLE RESIDENCE).
   THICKNESS - NOT LESS THAN (6) INCHES.
3. WIDTH - TWELVE (12) MINIMUM, BUT NOT LESS THAN
4. THE FULL WITH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY - FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
   FILTER CLOTH (MIRAFI 140 N)- WILL BE PLACED OVER
5. THE ENTIRE AREA PLACING OF STONE.
   SURFACE WATER - ALL SURFACE WATER FLOWING OR
6. DIVERTED TOWARD PRIOR TO CONSTRUCTION.
   ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE.
   MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED
7. IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS- OF-WAY MUST BE REMOVED IMMEDIATELY.
   WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON
8. AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AM APPROVED SEDIMENT TRAPPING DEVICE. PERIODIC INSPECTION AND NEEDED MAINTENANCE
9. SHALL BE PROVIDED AFTER EACH RAIN.

LEGEND	
SYMBOL	ITEM/DESCRIPTION
	PROPERTY LINE/COR.
	PROP. PROPERTY LINE/COR
	EDGE OF PAVEMENT
	EXISTING GUIDE RAIL
	SETBACK LINE
300	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED DRIVEWAY (PAVED)
	LIMITS OF DISTURBANCE
	PROPOSED SSDS AREAS
FcC	SOIL (ENTIRE SITE)
RD/FD	ROOF DRAIN/FOOTING DRAIN
	SILT FENCE
	STABILIZED CONSTR. ENTRANCE
	PROPOSED SOIL STOCKPILING AREA
	WATER BAR (OUTPUT DIR.)
	STABILIZED RIP-RAP OUTLET PROTECTION
	EROSION CONTROL MATTING/SLOPE STABILIZATION



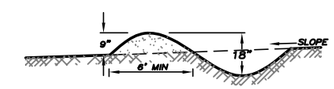
EROSION & SEDIMENT CONTROL PLAN
SCALE: 1"=50'



CONSTRUCTION SPECIFICATIONS:

1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE AND PROPER PLACEMENT OF THE GEOTEXTILE LAYER.
2. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN, AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW AND OR DAMAGE THE GEOTEXTILE LAYER.
3. FILLS SHALL BE COMPACTED AS NEEDED TO ALLOW NORMAL FLOW IN THE COMPLETE SWALE.
4. ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE SPREAD OR, DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
5. STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARDS AND SPECIFICATIONS & AS SHOWN ABOVE.
6. PERMANENT STONE RIP-RAP CHECK DAMS TO BE PLACED ACCORDING TO STONE CHECK DAM DETAIL.

STONE RIP-RAP LINED SWALE
N.T.S.



CROSS-SECTION

CONSTRUCTION SPECIFICATIONS:

1. INSTALL WATER BAR AS SOON AS THE RIGHT OF WAY IS CLEARED
2. DISK OR STRIP THE SOD FROM THE BASE FOR THE CONSTRUCTED RIDGE BEFORE PLACING FILL.
3. TRACK THE RIDGE TO COMPACT IT TO THE DESIGN CROSS SECTION
4. THE OUTLET SHALL BE LOCATED ON AN UNDISTURBED AREA. FIELD SPACING WILL BE ADJUSTED TO USE THE MOST STABLE OUTLET AREAS. OUTLET PROTECTION WILL BE PROVIDED WHEN NATURAL AREAS ARE NOT ADEQUATE.
5. VEHICLE CROSSING SHALL BE STABILIZED WITH GRAVEL. EXPOSED AREAS SHALL BE IMMEDIATELY SEEDED AND MULCHED.
6. PERIODICALLY INSPECT WATER BARS FOR EROSION DAMAGE AND SEDIMENT. CHECK OUTLET AREAS AND MAKE REPAIRS AS NEEDED TO RESTORE OPERATION.
7. INSTALLATION SHALL BE ACCORDING TO THE FOLLOWING SCHEDULE:
   (3%-10%) SLOPE = 100' O.C.
   (10%-20%) SLOPE = 75' O.C.
8. RIP-RAP OUTLET IS TO BE INSTALLED IF SWALE ALONGSIDE DRIVEWAY HAS NOT ALREADY BEEN INSTALLED AND STABILIZED.

PROFILE

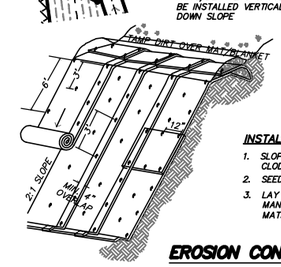
SECTION A-A

SECTION B-B

CONSTRUCTION SPECIFICATIONS

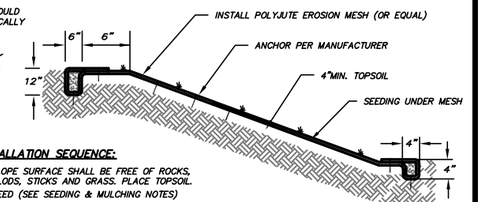
1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES, AND LOCATIONS SHOWN ON PLAN.
2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

STONE CHECK DAM
N.T.S.



SPECIAL NOTE:

MATS/BLANKETS SHOULD BE INSTALLED VERTICALLY DOWN SLOPE



INSTALLATION SEQUENCE:

1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. PLACE TOPSOIL.
2. SEED (SEE SEEDING & MULCHING NOTES)
3. LAY BLANKETS LOOSELY AND ANCHOR PER MANUFACTURER. DO NOT STRETCH. MATS SHALL HAVE GOOD SOIL CONTACT.

EROSION CONTROL MATTING/SLOPE STABILIZATION
N.T.S.

EROSION & SEDIMENT CONTROL INSPECTION AND MAINTENANCE SCHEDULE

1. THE EROSION & SEDIMENT CONTROL MEASURES SPECIFIED ON THIS PLAN ARE TO BE INSTALLED PRIOR TO COMMENCEMENT OF OTHER SITE WORK AS SPECIFIED IN THE "EROSION & SEDIMENT CONTROL SEQUENCING SCHEDULE".
2. THE CONTRACTOR IS TO FILE A NOTICE OF INTENT (NOI) WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) AND THE TOWN OF DOVER PRIOR TO CONSTRUCTION.
3. THE OPERATION SHALL HAVE A QUALIFIED PROFESSIONAL (A PERSON LICENSED TO PRACTICE ENGINEERING IN NEW YORK STATE OR A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL, CPESC) OR CONDUCT AN ASSESSMENT OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND CERTIFY IN AN INSPECTION REPORT THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS DESCRIBED IN THE SWPPP (THIS PLAN) AND REQUIRED BY PART III.D. OF THIS PERMIT HAVE BEEN ADEQUATELY INSTALLED OR IMPLEMENTED TO ENSURE OVERALL PREPAREDNESS OF THE SITE FOR THE COMMENCEMENT OF CONSTRUCTION. FOLLOWING THE COMMENCEMENT OF CONSTRUCTION, SITE INSPECTIONS SHALL BE CONDUCTED BY THE QUALIFIED PROFESSIONAL AT LEAST EVERY 7 CALENDER DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER. DURING EACH INSPECTION THE QUALIFIED PROFESSIONAL SHALL ADHERE TO THE GUIDELINES AS SPECIFIED IN SPDES GENERAL PERMIT No. GP-0-15-02.
4. SHOULD A PROBLEM ARISE, THE CONTRACTOR IS TO REPAIR THE PROBLEM IMMEDIATELY AND NOTIFY THE INSPECTION PARTY UPON COMPLETION FOR AN INSPECTION OF THE REPAIR.
   NOTE: NO REPAIR IS EXPECTED TO TAKE MORE THAN 24-HOURS TO COMPLETE.
5. FAILURE TO ADHERE TO THE ABOVE SCHEDULE AND TO NYSDEC SPDES GENERAL PERMIT No. GP-0-15-02 AND TOWN OF DOVER EROSION AND SEDIMENT CONTROL REGULATIONS, CHAPTER 65 OF THE TOWN CODE MAY TRIGGER SANCTIONS AND/OR A "STOP WORK ORDER" BY THE TOWN OF DOVER.

EROSION & SEDIMENTATION CONTROL NOTES:

1. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE "NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL"
2. LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM, RESTABILIZATION SHALL BE SCHEDULED AS SOON AS PRACTICABLE.
3. SILT FENCE AS SHOWN ON THE PLANS SHALL BE INSTALLED ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
4. ALL EROSION AND SEDIMENTATION CONTROL METHODS SHALL BE IN ACCORDANCE WITH NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
5. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION.
6. ALL EROSION CONTROL STRUCTURES ARE TO BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
7. ADDITIONAL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF NECESSARY OR REQUIRED BY THE TOWN ENGINEER OR CODE ENFORCEMENT OFFICER.
8. AREAS UNDERGOING EARTHWORK WHERE SOIL IS TO BE LEFT EXPOSED FOR MORE THAN THREE WEEKS SHOULD BE STABILIZED WITH EITHER TEMPORARY OR PERMANENT VEGETATIVE COVER. TEMPORARY COVER SHOULD BE USED WHEN THE PROJECT SCHEDULE DOES NOT COINCIDE WITH THE OPTIMUM PLANTING SEASON. IN GENERAL, OPTIMUM PLANTING TIMES FOR GRASSES ARE MARCH 13TH TO MAY 31ST AND SEPTEMBER 1ST TO NOVEMBER 15TH. DURING OPTIMUM PLANTING TIMES, PERMANENT VEGETATIVE COVER WILL BE INSTALLED. SEE SPECIFICATIONS FOR FURTHER DETAILS.
9. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING EXPOSED SOIL AREAS PERIODICALLY WITH WATER AS REQUIRED.
10. WHEN ALL DISTURBED AREAS ARE STABLE, THE EROSION CONTROL STRUCTURES SHALL BE REMOVED.
11. THE DEVELOPER IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENTATION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE EROSION CONTROL MEASURES.

CONTRACTOR NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE INTENT OF THIS PLAN INCLUDING INSPECTION AT REASONABLE PERIODS AND AFTER ALL STORM EVENTS, SEE "EROSION & SEDIMENT CONTROL INSPECTION AND MAINTENANCE SCHEDULE" AND "EROSION & SEDIMENT CONTROL SEQUENCING SCHEDULE".
2. THE CONTRACTOR SHALL HAVE ALL MATERIALS ONSITE TO PROPERLY CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. THE CONTRACTOR SHALL AT NO TIME LEAVE IN CHARGE OF THE SITE SOMEONE WHO IS NOT FAMILIAR AND DOES NOT HAVE A COPY OF THIS PLAN.

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

LICENSED IN N.Y. & CT.

ARCHITECTURE ENGINEERING ZARECKI & ASSOCIATES SURVEYING

EROSION & SEDIMENT CONTROL PLAN
PREPARED FOR
WEIL ROAD, LLC
TOWN OF DOVER, DUTCHESS COUNTY, NEW YORK

SCALE: 1" = 50'	APPROVED BY: JZ	DRAWN BY: JM
DATE: 03-26-15	PROJECT NO. 2002.071A	DESIGN BY: RES

ZARECKI & ASSOCIATES, L.L.C.
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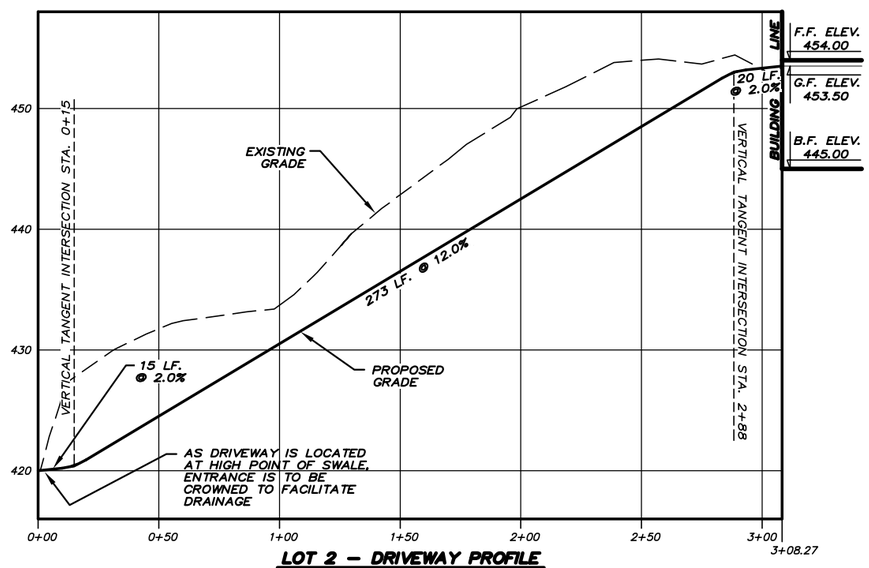
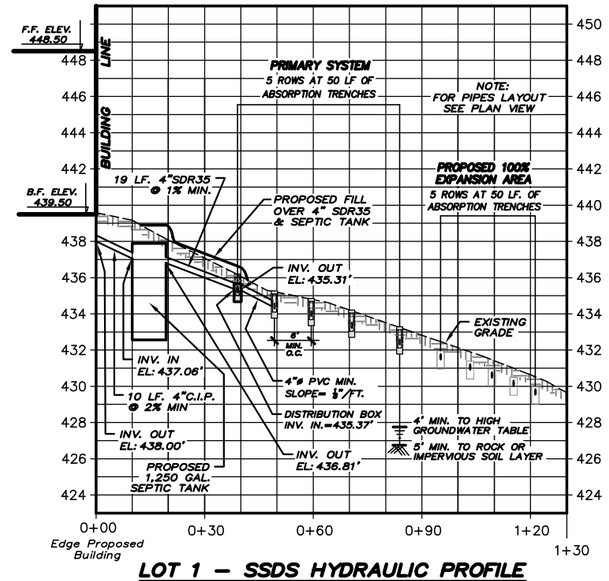
SHEET NO.
3 OF 4



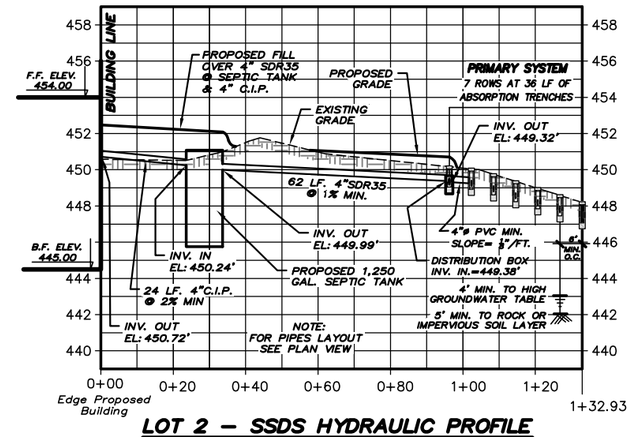
LOT 2 – DRIVEWAY PROFILE

SCALE: H 1"=30', V 1"=6'



LOT 1 – SSDS HYDRAULIC PROFILE

SCALE: H 1"=20', V 1"=4'



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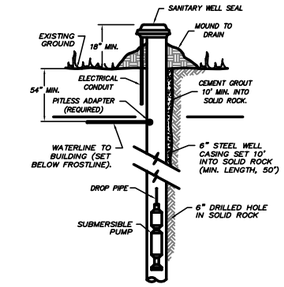
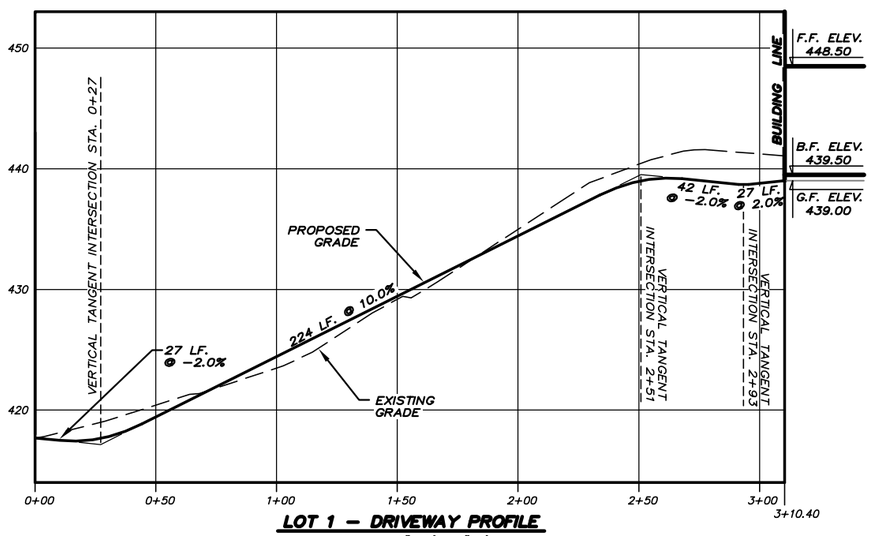


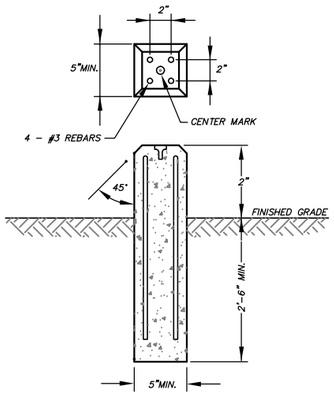
TYPICAL WELL SECTION

@ N.T.S.



LOT 1 – DRIVEWAY PROFILE

SCALE: H 1"=30', V 1"=6'



CONCRETE MONUMENT DETAIL

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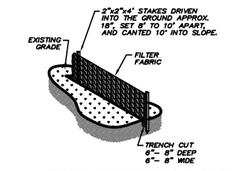

SILT FENCE DETAIL

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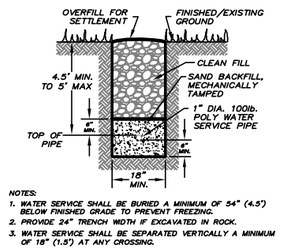
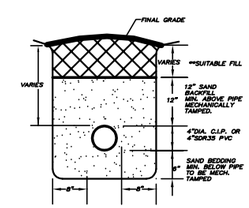


NOTES:
1. WATER SERVICE SHALL BE BURIED A MINIMUM OF 54" (4.5') BELOW FINISHED GRADE TO PREVENT FREEZING.
2. PROVIDE 24" TRENCH WIDTH IF EXCAVATED IN ROCK.
3. WATER SERVICE SHALL BE SEPARATED VERTICALLY A MINIMUM OF 18" (1.5') AT ANY CROSSING.

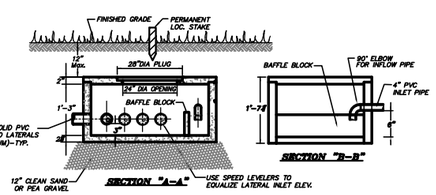
WATER SERVICE TRENCH DETAIL

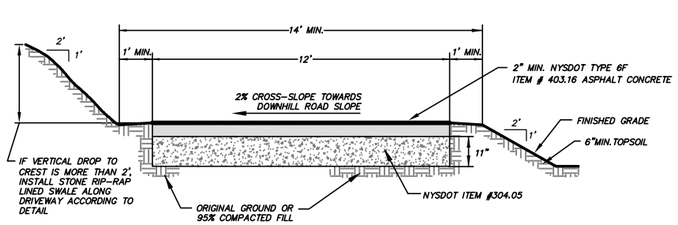
@ N.T.S.



HOUSE TO SEPTIC TANK, SEPTIC TANK TO PUMP CHAMBER DETAIL

@ N.T.S.





DRIVEWAY PAVING CROSS SECTION

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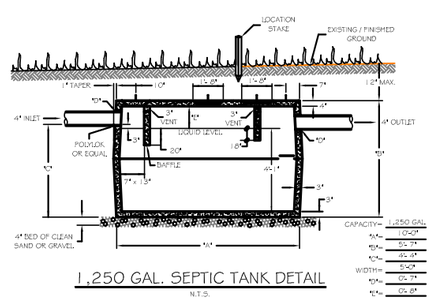

1,250 GAL. SEPTIC TANK DETAIL

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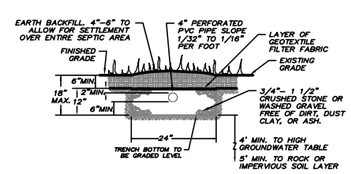

ABSORPTION TRENCH DETAIL

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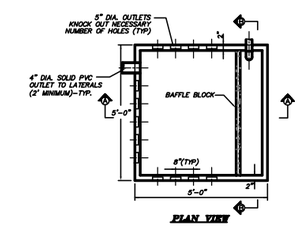

DISTRIBUTION BOX DETAIL

@ N.T.S.

LICENSED IN N.Y. & CT.

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

ARCHITECTURE ENGINEERING SURVEYING
ZARECKI & ASSOCIATES

PROFILE & DETAIL SHEET
PREPARED FOR
WEIL ROAD, LLC
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