

REPUTED OWNER:
61 SHERMAN DRIVE, LLC.
TAX MAP ID: 103.1-4-55.5
DEED BOOK: 4925, PAGE: 280
(FILED MAP 7099, LOT 1)

REPUTED OWNER:
C.N.D. APPLE, INC.
TAX MAP ID: 103.1-4-55.1
DEED BOOK: 4003, PAGE: 52
(FILED MAP 7099, LOT 4)

REPUTED OWNER:
WILLIAMS
TAX MAP ID: 103.1-4-33
DEED BOOK: 1472, PAGE: 535
(FILED MAP 1763, LOT 15)

REPUTED OWNER:
LYNCH
TAX MAP ID: 103.1-4-34
DEED BOOK: 2737, PAGE: 71
(FILED MAP 1763, LOT 13A)

OFFER OF DEDICATION
8,547 SF (0.196± ACRES) OF
LAND TO BE GRATUITOUSLY
AND IRREVOCABLY OFFERED TO
THE TOWN OF MARLBOROUGH
FOR HIGHWAY PURPOSES.

REPUTED OWNER:
POLHAMUS
TAX MAP ID: 103.1-4-37
DEED BOOK: 4900, PAGE: 314
(FILED MAP 1763, LOT 11A)

REPUTED OWNER:
WEBER
TAX MAP ID: 103.1-4-38
DEED BOOK: 4036, PAGE: 37
(FILED MAP 1763, LOT 9A)

REPUTED OWNER:
MOREHEAD
TAX MAP ID: 103.1-4-41
DEED BOOK: 4847, PAGE: 344
(FILED MAP 1763, LOT 7A)

REPUTED OWNER:
QUIMBY

REPUTED OWNER:
PODHAISKI
TAX MAP ID: 103.1-4-47.12
DEED BOOK: 4420, PAGE: 113
(FILED MAP 10125, LOT 3)

REPUTED OWNER:
SHILLIETO
TAX MAP ID: 103.1-4-51.1
DEED BOOK: 2322, PAGE: 25
(FILED MAP 1759)

RECORD OWNER'S CONSENT NOTE:

THE UNDERSIGNED OWNERS OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS PLAN, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON AND TO THE FILING OF THIS PLAN IN THE OFFICE OF THE CLERK OF THE COUNTY OF ULSTER, IF SO REQUIRED.

RECORD OWNER'S SIGNATURE

DOUGLAS SMITH
PO BOX 452
MARLBORO, NY 12542

LIST OF DRAWINGS

DRAWING #	TITLE	SHEET #
RS-1	REALTY SUBDIVISION	1
C-101	SUBDIVISION PLAN	2
C-102	EROSION CONTROL PLAN	3
C-201	DETAILS	4
C-301	DETAILS	5
C-302	DETAILS	6

TOWN OF MARLBOROUGH PLANNING BOARD APPROVAL BOX

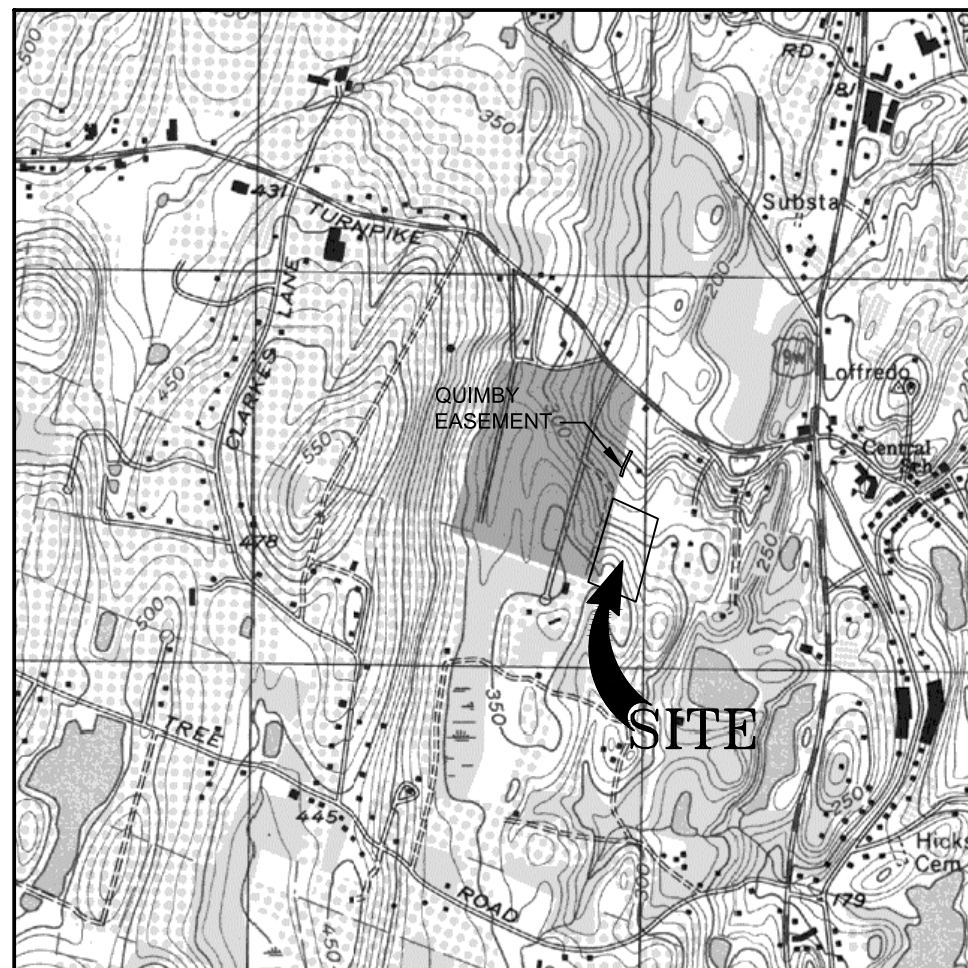
ULSTER COUNTY DEPARTMENT OF HEALTH APPROVAL BOX

I HEREBY CERTIFY TO THE PARTIES OF INTEREST LISTED BELOW:

DOUGLAS SMITH:
TOWN OF MARLBOROUGH;

THAT THIS SURVEY MAP IS THE RESULT OF AN ACTUAL FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT IT IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF, BASED ON DATA CONTAINED IN DEEDS OR MAPS OF RECORD LISTED HEREON, TOGETHER WITH EVIDENCE FOUND IN THE FIELD, AND THAT THERE ARE NO SURFACE ENCROACHMENTS EXCEPT AS OTHERWISE SHOWN HEREON, AS COMPLETED ON MARCH 6, 2013.

ONLY BOUNDARY SURVEY MAPS WITH THE SURVEYOR'S EMBOSSED SEAL ARE GENUINE TRUE AND CORRECT COPIES OF THE SURVEYOR'S ORIGINAL WORK AND OPINION.



LOCATION MAP

U.S.G.S. POUGHKEEPSIE QUADRANGLE
SCALE: 1" = 2000'

GENERAL NOTES:

- TOTAL AREA OF SUBJECT PARCEL: 10.767± ACRES
- PROPOSED NUMBER OF LOTS: 5
- RECORD OWNER & APPLICANT:
DOUGLAS SMITH
PO BOX 452
MARLBORO, NY 12542
- TAX MAP IDENTIFICATION NUMBER: SECTION 103.1, BLOCK 4, LOT 47.13
- DEED REFERENCE:
DEED LIBER 4254, PAGE 172
- MAP REFERENCES:
A. A MAP ENTITLED, "FINAL MAP PREPARED FOR ROBERT YOUNG" BY BROOKS AND BROOKS, DATED NOVEMBER 11, 1994 AND FILED IN THE OFFICE OF THE ULSTER COUNTY CLERK ON DECEMBER 2, 1994 AS MAP NUMBER 10125.
B. A MAP ENTITLED, "MAP SHOWING YOUNG HEIGHTS" DATED NOVEMBER 1954 AND FILED IN THE OFFICE OF THE ULSTER COUNTY CLERK ON SEPTEMBER 12, 1995 AS MAP NUMBER 1763.
- THIS SURVEY IS SUBJECT TO THE FINDINGS OF AN UP TO DATE ABSTRACT OF TITLE.
- SUBJECT TO ANY UNWRITTEN AND/OR WRITTEN LICENSES, EASEMENTS, RESTRICTIONS, AND/OR AGREEMENTS OF RECORD.
- OFFSETS OR DIMENSIONS FROM THE PROPERTY LINES TO STRUCTURES OR IMPROVEMENTS ARE SHOWN FOR THE SPECIFIC PURPOSE OF INTERPRETATION OF COMPLIANCE WITH ZONING AND ARE NOT INTENDED TO MONUMENT THE PROPERTY LINES OR TO GUIDE THE ERECTION OF FENCES OR ANY OTHER IMPROVEMENTS TO THE LAND.
- THE TOPOGRAPHY SHOWN HEREON WAS COMPILED BY ENGINEERING & SURVEYING PROPERTIES PC, FROM USGS 1M HYDRO-FLATTENED DIGITAL ELEVATION MODELS (DEM) AS DERIVED FROM 2012 SOURCE LIDAR. THE DEMS WERE PROVIDED BY NYS GIS GOV AND CORRESPOND TO ACTUAL SURVEY OBSERVATIONS TAKEN IN THE FIELD. CONTOURS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
- CERTIFICATIONS ON THIS BOUNDARY SURVEY MAP SIGNIFY THAT THE MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC. THE CERTIFICATION IS LIMITED TO THE PERSONS FOR WHOM THE BOUNDARY SURVEY MAP IS PREPARED, TO THE TITLE COMPANY, TO THE GOVERNMENTAL AGENCY, AND TO THE LENDING INSTITUTION LISTED ON THIS BOUNDARY SURVEY MAP.
- CERTIFICATIONS HEREON ARE NOT TRANSFERABLE.
- ISSUING OF A NEW TITLE POLICY OR REDATING OF AN EXISTING POLICY REFERENCING THIS SURVEY WITHOUT THE BENEFIT OF AN UPDATE OF THIS SURVEY BY ENGINEERING & SURVEYING PROPERTIES, P.C. SHALL TERMINATE ANY LIABILITY EXPRESSED OR IMPLIED HEREON.
- UNAUTHORIZED COPIES MAY CONTAIN FRAUDULENT, INCORRECT, ERRONEOUS, OR MISLEADING INFORMATION OR OMIT IMPORTANT AND RELEVANT INFORMATION. DO NOT RELY ON UNAUTHORIZED COPIES. THE SEAL, SIGNATURE, AND CERTIFICATION ARE HEREBY REVOKED OR OTHERWISE VOID ON ALL UNAUTHORIZED COPIES. ALL ORIGINAL DOCUMENTS BEAR AN ORIGINAL IMPRESSION AND INK SIGNATURE.
- ALL UNDERGROUND UTILITIES AND/OR IMPROVEMENTS OR THE ENCROACHMENT OF SUCH IMPROVEMENTS ARE NOT ALWAYS KNOWN AND OFTEN MUST BE ESTIMATED. IF THE ENCROACHMENT OF SUCH UNDERGROUND IMPROVEMENTS EXIST OR ARE SHOWN HEREON, THE ENCROACHMENTS OF SUCH UNDERGROUND UTILITIES AND/OR IMPROVEMENTS ARE NOT COVERED BY THIS CERTIFICATE.
- SUBJECT TO A DRAINAGE EASEMENT OVER THE LANDS OF QUIMBY IN FAVOR OF DEAN-PAUL PROPERTIES, INC. AS RECORDED IN THE OFFICE OF THE ULSTER COUNTY CLERK ON APRIL 3, 2013 IN DEED LIBER 5540, PAGE 89.
- THERE SHALL BE NO FURTHER SUBDIVISION OF ANY LOT PERMITTED UNDER CURRENT ZONING.

LEGEND

---	PROPERTY LINE
---	ADJOINING PROPERTY LINE
---	PROPOSED LOT LINE
---	CONTOUR LINE
---	INDEX CONTOUR
---	EXIST EASEMENT
---	PROPOSED EASEMENT
---	BUILDING SETBACK LINE
---	EDGE OF PAVEMENT
---	EDGE OF GRAVEL
---	ZONING DISTRICT LINE
---	WATER DISTRICT BOUNDARY
---	STONEWALL
---	OVERHEAD WIRE
---	HYDRANT
---	WOODEN UTILITY POLE
---	METAL UTILITY POLE
---	CUT-OFF UTILITY POLE
---	GUY ANCHOR
---	PIPE FOUND
---	REBAR FOUND
---	CAPPED REBAR TO BE SET
---	WELL CASING

BULK REQUIREMENTS

TOWN OF MARLBOROUGH - ZONING DISTRICT R-1		
MINIMUM BUILDING REQUIREMENTS	REQUIRED	PROVIDED
LOT AREA	43,560 SF	> 43,560 SF
LOT WIDTH	150 FEET	> 150 FEET
LOT DEPTH	200 FEET	> 200 FEET
FRONT YARD	35 FEET	> 35 FEET
REAR YARD	35 FEET	> 35 FEET
SIDE YARD (ONE/BOTH)	35/70 FEET	> 35/70 FEET
MAXIMUM ALLOWABLE		
BUILDING HEIGHT	2 1/2 STORIES / 35 FT	< 35 FT
BUILDING COVERAGE	20 %	< 20 %

No.	DATE	DESCRIPTION
1	09/07/18	REVISED PER PB COMMENTS 09-012-18
2	10/24/18	REVISED PER UCDOH SUBMISSION
3	12/21/18	REVISED PER UCDOH COMMENTS 12/10/18
4	02/05/19	REVISED PER ENGINEERS COMMENTS
5	04/22/19	REVISED PER ENGINEERS COMMENTS
6	03/10/20	REVISED FOR FILING

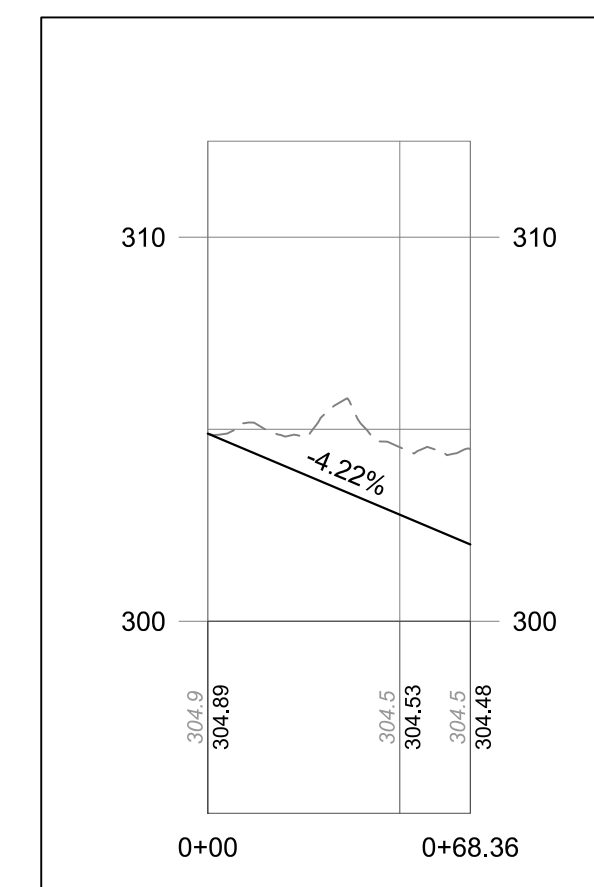
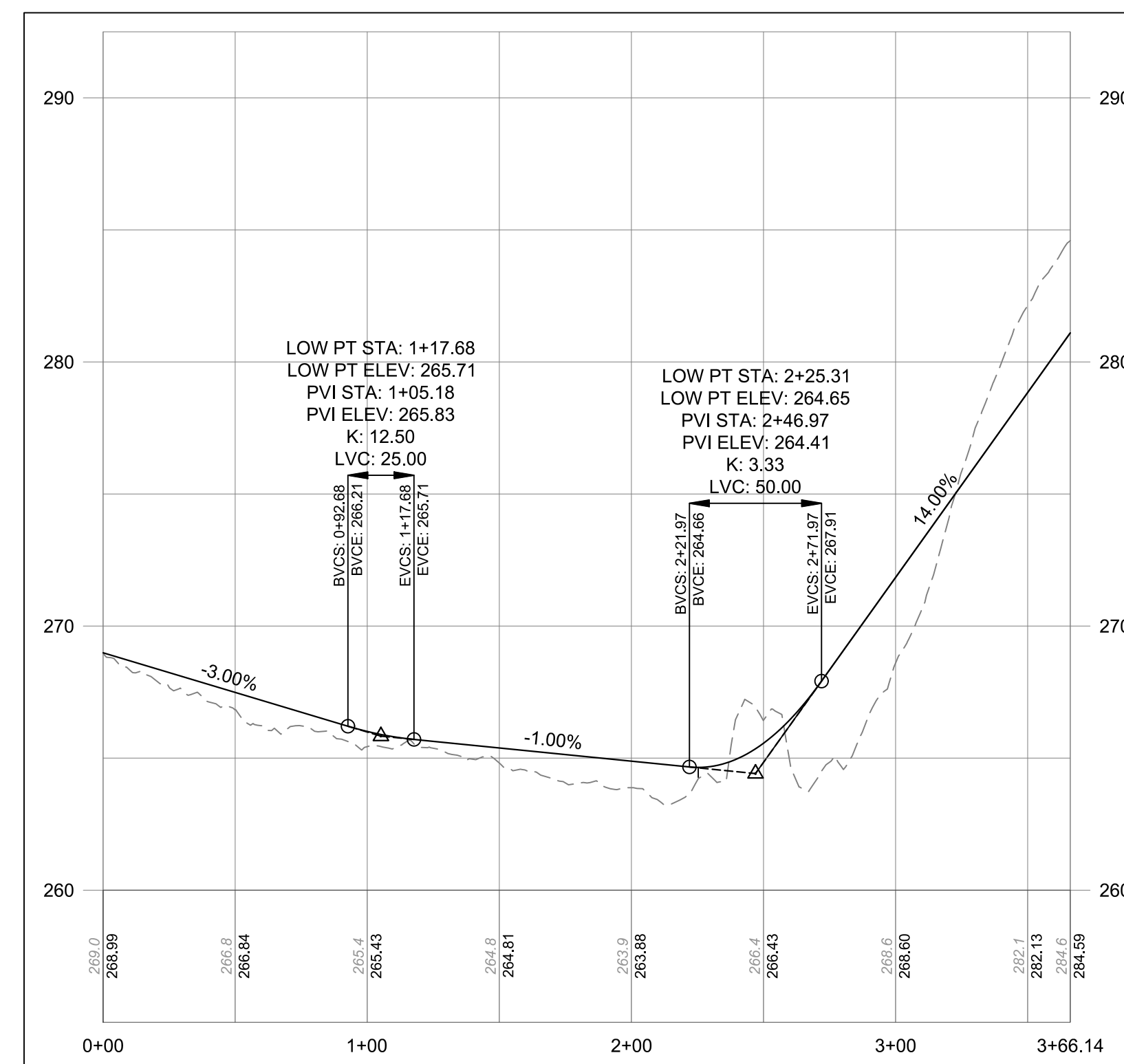
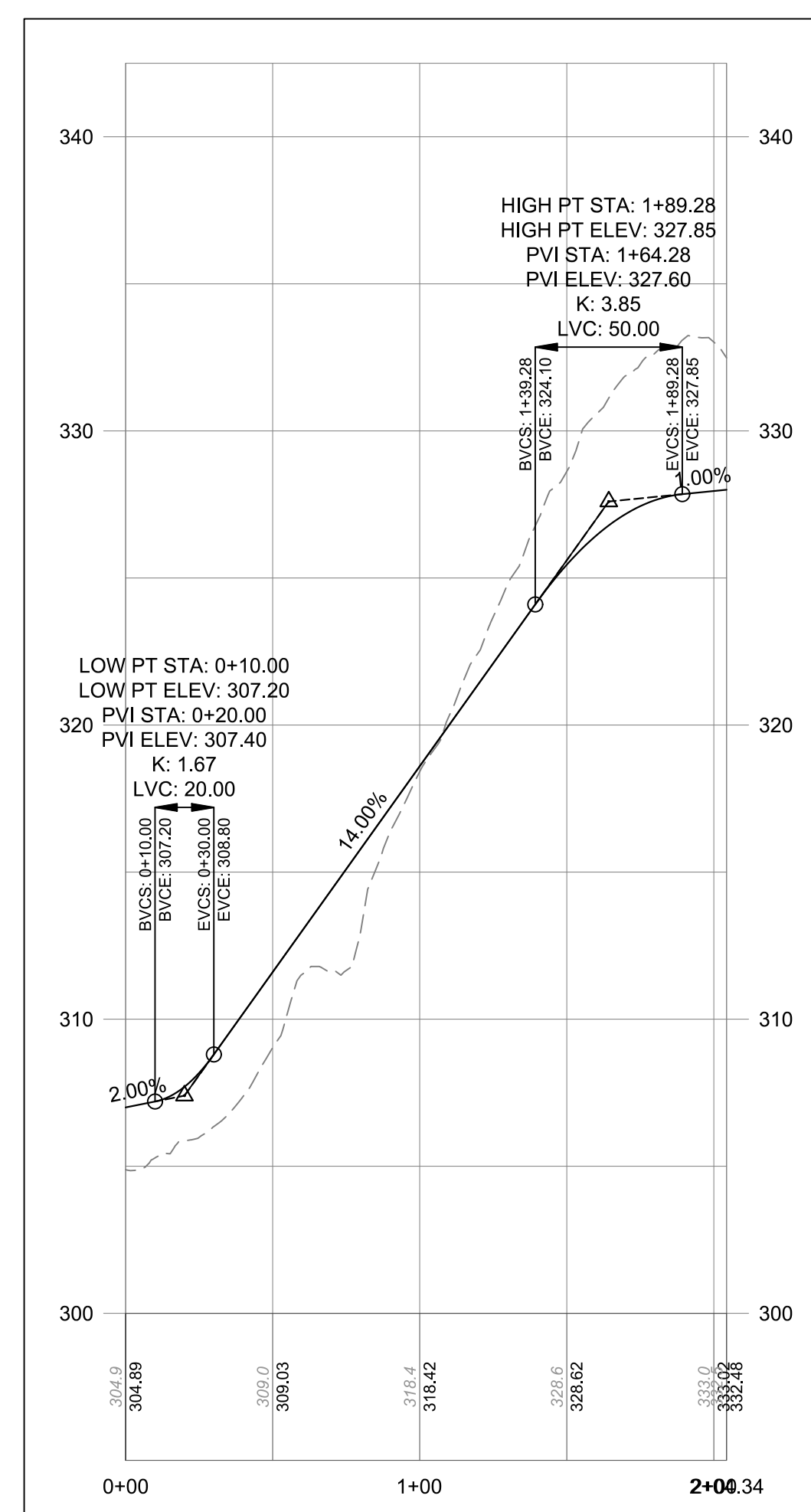
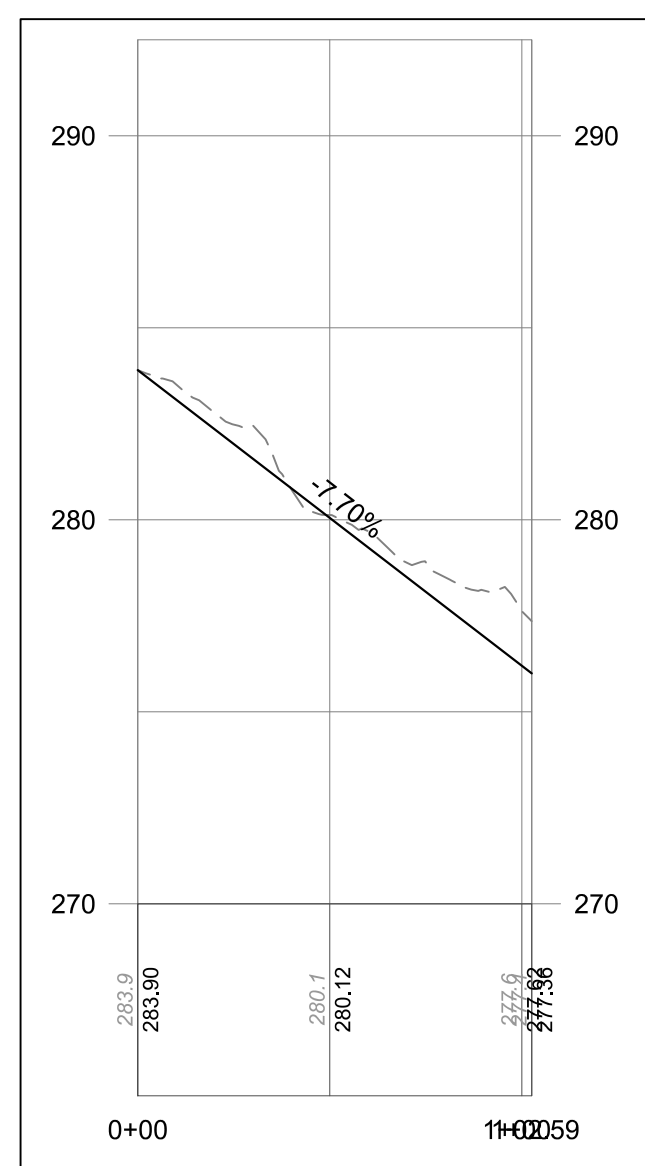
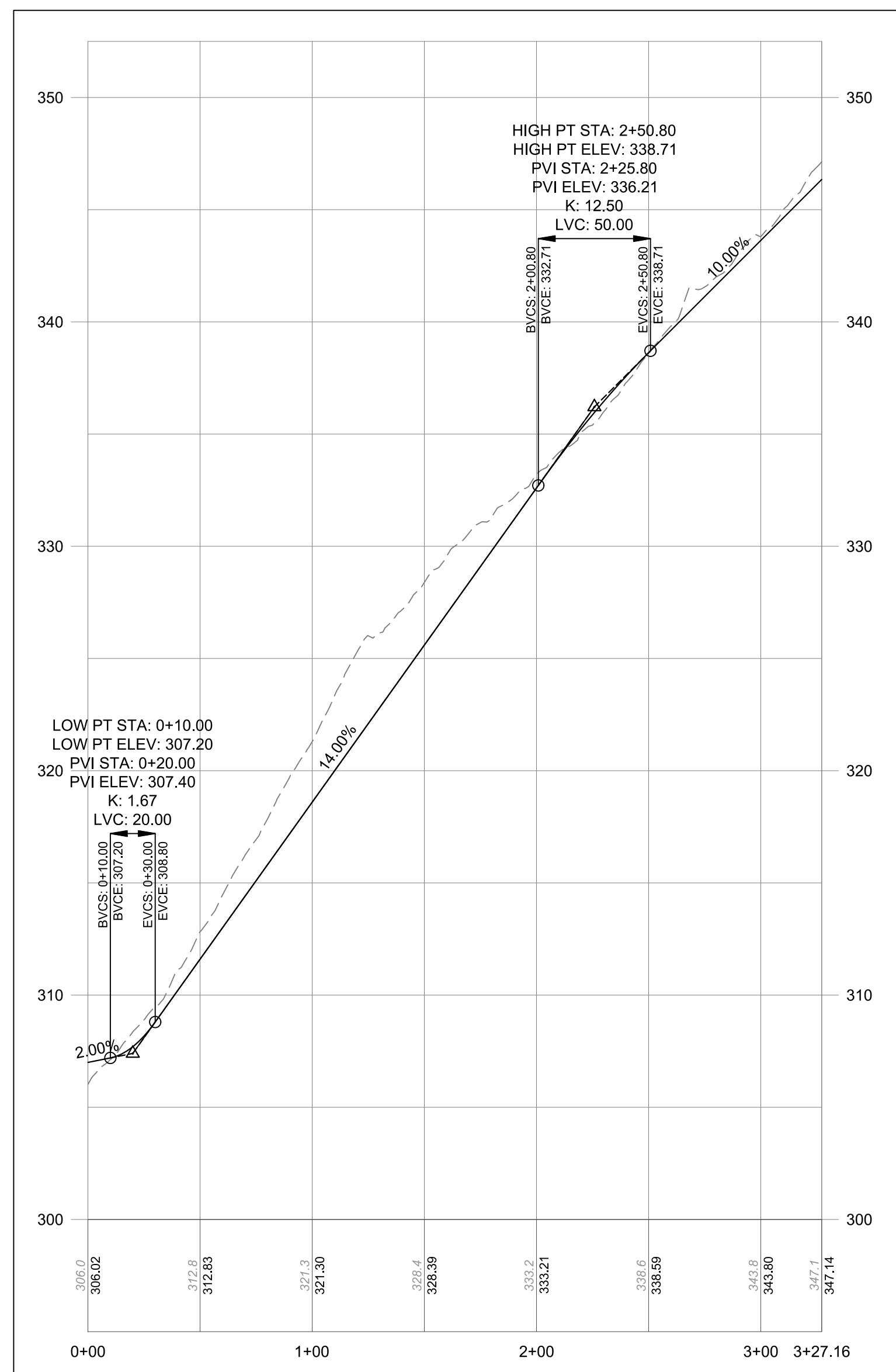
DRAWING STATUS	ISSUE DATE: 03/10/20	SHEET NUMBER
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	1	OF 7
<input checked="" type="checkbox"/> UCDOH REALTY SUBDIVISION APPROVAL	1	OF 7
<input type="checkbox"/> UCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A	OF N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A	OF N/A
<input type="checkbox"/> OTHER	N/A	OF N/A
<input type="checkbox"/> FOR BID	N/A	OF N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A	OF N/A

THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.
THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).

A COPY OF THIS DOCUMENT WITHOUT A PROPER APPLICATION OF THE LICENSED PROFESSIONAL LAND SURVEYOR'S EMBOSSED SEAL SHOULD BE ASSUMED TO BE AN UNAUTHORIZED COPY.	BRIAN D. BABCOCK, L.S. NEW YORK STATE LICENSE # 050830
50 0 25 50 100 1 inch = 50 ft.	

ENGINEERING & SURVEYING PROPERTIES Achieving Successful Results with Innovative Designs	71 CLINTON STREET MONTGOMERY, NY 12549 Ph: (845) 457-7727 Fax: (845) 457-1899
REALTY SUBDIVISION	
SMITH SUBDIVISION FIRST STREET TOWN OF MARLBOROUGH ULSTER COUNTY, NEW YORK	
JOB #: 1022.06	DRAWN BY: BDB
DATE: 08/25/18	SCALE: 1" = 50'
REVISION: 6 - 03/10/20	TAX LOT: 103.1-4-47.13

FILED MAP SHEET 1 OF 7

[illegible]

DRAWING STATUS		ISSUE DATE: 03/10/2020	
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF	N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	4	OF	7
<input type="checkbox"/> UCDON REALTY SUBDIVISION APPROVAL	4	OF	7
<input type="checkbox"/> UCDON WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYSDOT APPROVAL	N/A	OF	N/A
<input type="checkbox"/> OTHER	N/A	OF	N/A
<input type="checkbox"/> FOR BID	N/A	OF	N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A	OF	N/A

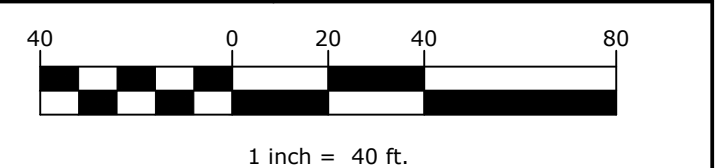
THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE
APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED
FOR ANY OTHER PURPOSE.
THIS SHEET SHALL BE CONSIDERED INVALID UNLESS
ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).

COPIES OF THIS DOCUMENT
WITHOUT AN ACTUAL OR
FACSIMILE OF THE
ENGINEER'S SIGNATURE
AND AN ORIGINAL STAMP IN
RED OR BLUE INK SHALL BE
CONSIDERED INVALID.

UNAUTHORIZED
ALTERATIONS OR
ADDITIONS TO THIS
DOCUMENT BEARING
THE SEAL OF A LICENSED
PROFESSIONAL ENGINEER
IS A VIOLATION OF
SECTION 7209 SUBSECTION
2 OF THE NEW YORK STATE
EDUCATION LAW.

ROSS WINGLOVITZ, P.E.
NEW YORK LICENSE# 071701

ROSS WINGLOVITZ, P.E.
NEW YORK LICENSE # 071701



**ENGINEERING
& SURVEYING
PROPERTIES**
Achieving Successful Results
with Innovative Designs

DRIVEWAY PROFILES

SMITH SUBDIVISION
FIRST STREET
TOWN OF MARLBOROUGH
ULSTER COUNTY, NEW YORK

JOB #:	1022.06	DRAWN BY:	ZS	C-103
DATE:	08/25/17	SCALE:	1"=40"	
REVISION:	6 - 03/10/2020	TAX LOT:	103.1-4-47.130	

FILED MAP SHEET 4 OF 7

PERCOLATION TEST RESULTS

LOT #	PERC HOLE #	PERC HOLE DEPTH	PERC HOLE DIA	TIME	PERCOLATION TEST RUNS - STOPWATCH USED FOR ALL TESTS (TIME FOR 1" DROP IN WATER LEVEL)							STABILIZED RATE
					FINISH	START	STOPWATCH	USED FOR TIMED INTERVALS				
1	08/31/17 PT-1	24"	12"	FINISH								7 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:05:43	00:05:59	00:06:32					
1	08/31/17 PT-2	24"	12"	FINISH								19 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:17:15	00:18:07	00:18:42					
2	08/30/17 PT-1	24"	12"	FINISH								33 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:21:06	00:30:48	00:32:25					
2	08/30/17 PT-2	24"	12"	FINISH								30 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:15:03	00:28:15	00:29:03					
3	08/30/17 PT-1	24"	12"	FINISH								37 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:22:06	00:29:51	00:37:51	00:36:49				
3	08/30/17 PT-2	24"	12"	FINISH								5 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:02:58	00:03:36	00:04:18	00:04:30				
4	08/30/17 PT-1	24"	12"	FINISH								11 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:11:37	00:10:04	00:10:53					
4	08/30/17 PT-2	24"	12"	FINISH								18 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:10:27	00:11:58	00:13:34	00:14:45	00:17:28	00:17:33		
5	08/30/17 PT-1	24"	12"	FINISH								18 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:10:40	00:16:25	00:17:18					
5	08/30/17 PT-2	24"	12"	FINISH								30 MIN
				START	STOPWATCH	USED FOR TIMED INTERVALS						
				TIME	00:15:03	00:28:15	00:29:03					

SEPTIC SYSTEM DESIGN SCHEDULE

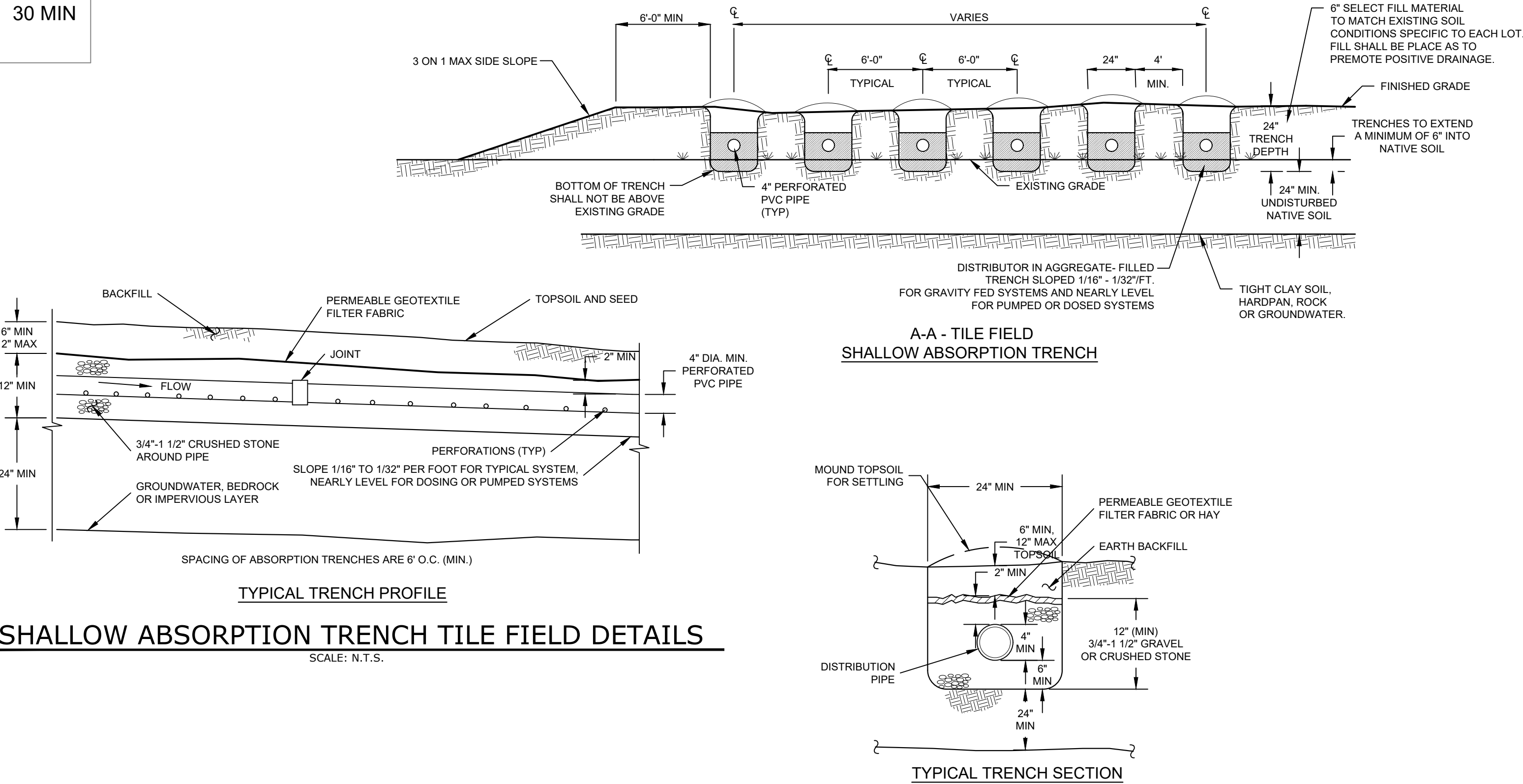
LOT #	STABILIZE PERC RATE (min)	PROPOSED MAP BEDROOMS	FLOW RATE (GPD)*	APPLICATION RATE (GPD/Sq. ft.)	REQUIRED AREA (Sq. ft.)	REQUIRED ABSORPTION FIELD LENGTH (ft) (BASED UPON 2' WIDE TRENCH)	PROPOSED ABSORPTION FIELD LENGTH (ft)
1	19	4	440	0.70	629	315	7 @ 45 = 315
2	33	4	440	0.50	880	440	10 @ 44 = 440
3	37	4	440	0.50	880	440	10 @ 44 = 440
4	18	4	440	0.70	629	315	7 @ 45 = 315
5	30	4	440	0.60	734	367	8 @ 46 = 368

DEEP TEST HOLE RESULTS

LOT #	TEST HOLE #	DATE	DEPTH	DESCRIPTION
1	JSI TP 1	10/19/18	0'-12" 12'-70"	TOPSOIL SILTY LOAM NO BEDROCK, NO GROUNDWATER, NO MOTTLING
1	JSI TP 2	10/19/18	0'-14" 14'-50" 50'-66"	TOPSOIL SILTY LOAM GRAVELLY SILTY LOAM NO BEDROCK, NO GROUNDWATER, NO MOTTLING
2	JSI TP 1	10/19/18	0'-5" 6'-24" 24'-60"	TOPSOIL SILTY LOAM GRAVELLY SILTY LOAM NO BEDROCK, NO GROUNDWATER, NO MOTTLING
2	JSI TP 2	10/19/18	0'-8" 8'-24" 24'-74"	TOPSOIL SILTY LOAM GRAVELLY SILTY LOAM NO BEDROCK, NO GROUNDWATER, NO MOTTLING
3	JSI TP 1	10/19/18	0'-13" 13'-32" 32'-57"	TOPSOIL SILTY LOAM GRAVELLY SILTY LOAM W/ COBBLE NO BEDROCK, NO GROUNDWATER, NO MOTTLING
3	JSI TP 2	10/19/18	0'-13" 13'-30" 30'-64"	TOPSOIL SILTY LOAM GRAVELLY SILT LOAM NO BEDROCK, NO GROUNDWATER, NO MOTTLING
4	JSI TP 1	10/19/18	0'-6" 6'-43" 43'-66"	TOPSOIL SILTY LOAM GRAVELLY SILT LOAM W/ COBBLE NO BEDROCK, NO GROUNDWATER, NO MOTTLING
4	JSI TP 2	10/19/18	0'-4" 4'-32" 32'-64"	TOPSOIL SILTY LOAM GRAVELLY SILT LOAM NO BEDROCK, SEEPAGE @ 50", NO MOTTLING
5	JSI TP 1	10/19/18	0'-6" 6'-21" 21'-70"	TOPSOIL SILTY LOAM RIPPABLE SHALE ROCK @ 21", NO GROUNDWATER, NO MOTTLING
5	JSI TP 2	10/19/18	0'-6" 6'-55"	TOPSOIL CLAY LOAM NO BEDROCK, NO GROUNDWATER, NO MOTTLING


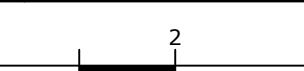
[illegible]


DRAWING STATUS		ISSUE DATE:	
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		03/10/2020	
		SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF	N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	5	OF	7
<input type="checkbox"/> UCDOH REALTY SUBDIVISION APPROVAL	5	OF	7
<input type="checkbox"/> UCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYSDOT APPROVAL	N/A	OF	N/A
<input type="checkbox"/> OTHER	N/A	OF	N/A
<input type="checkbox"/> FOR BID	N/A	OF	N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A	OF	N/A
THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.			
THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).			



SHALLOW ABSORPTION TILE FIELD OVERALL PLAN

LOT 5 RESERVE AREA

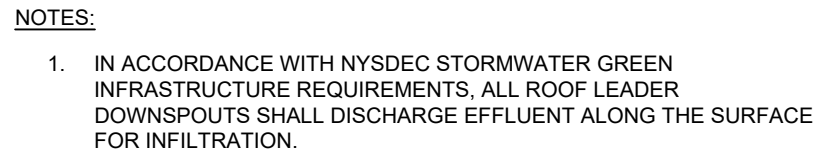
<p>COPIES OF THIS DOCUMENT WITHOUT AN ACTUAL OR FACSIMILE OF THE ENGINEER'S SIGNATURE AND AN ORIGINAL STAMP IN RED OR BLUE INK SHALL BE CONSIDERED INVALID.</p> <p>UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209 SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW.</p>	<div style="text-align: center;"> ROSS WINGOLOVITZ, P.E. NEW YORK LICENSE # 071701</div> <div style="text-align: center; margin-top: 20px;"> ORIGINAL SCALE IN INCHES</div>
---	--

 <p>ENGINEERING & SURVEYING PROPERTIES Achieving Successful Results with Innovative Designs</p>	<p>71 CLINTON STREET MONTGOMERY, NY 12549 Ph: (845) 457-7727 Fx: (845) 457-1899</p>	
	<p>SOIL TESTING RESULTS & DETAILS</p>	
<p>SMITH SUBDIVISION FIRST STREET TOWN MARLBOROUGH ULSTER COUNTY, NEW YORK</p>		
<p>JOB #:</p> <p>DATE: 08/24/17</p> <p>REVISION: 03-10/2020</p>	<p>DRAWN BY:</p> <p>SCALE: AS SHOWN</p> <p>TAX LOT: 103.1-4-47.130</p>	<p>ZS</p> <p>C-201</p>

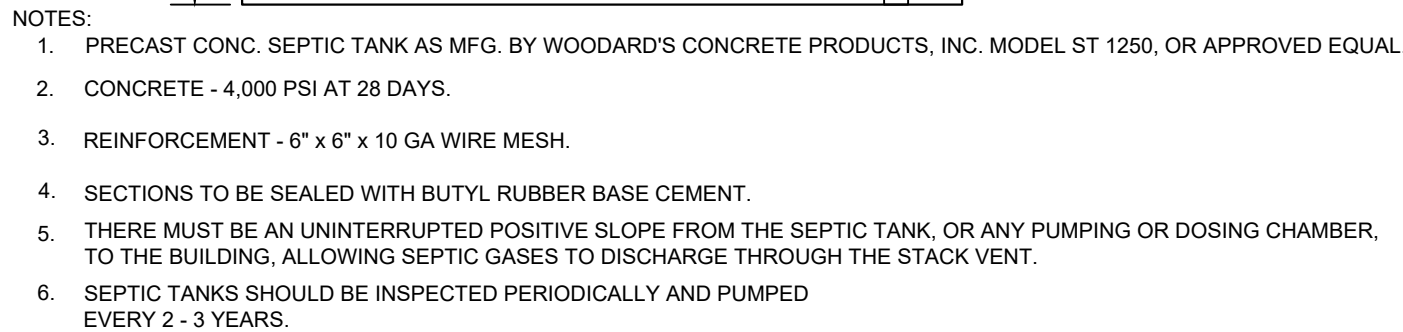


- SCALE: N.T.S.

ALL LOTS PRIMARY AND LOTS 1, 2, 3 & 4 RESERVE AREAS

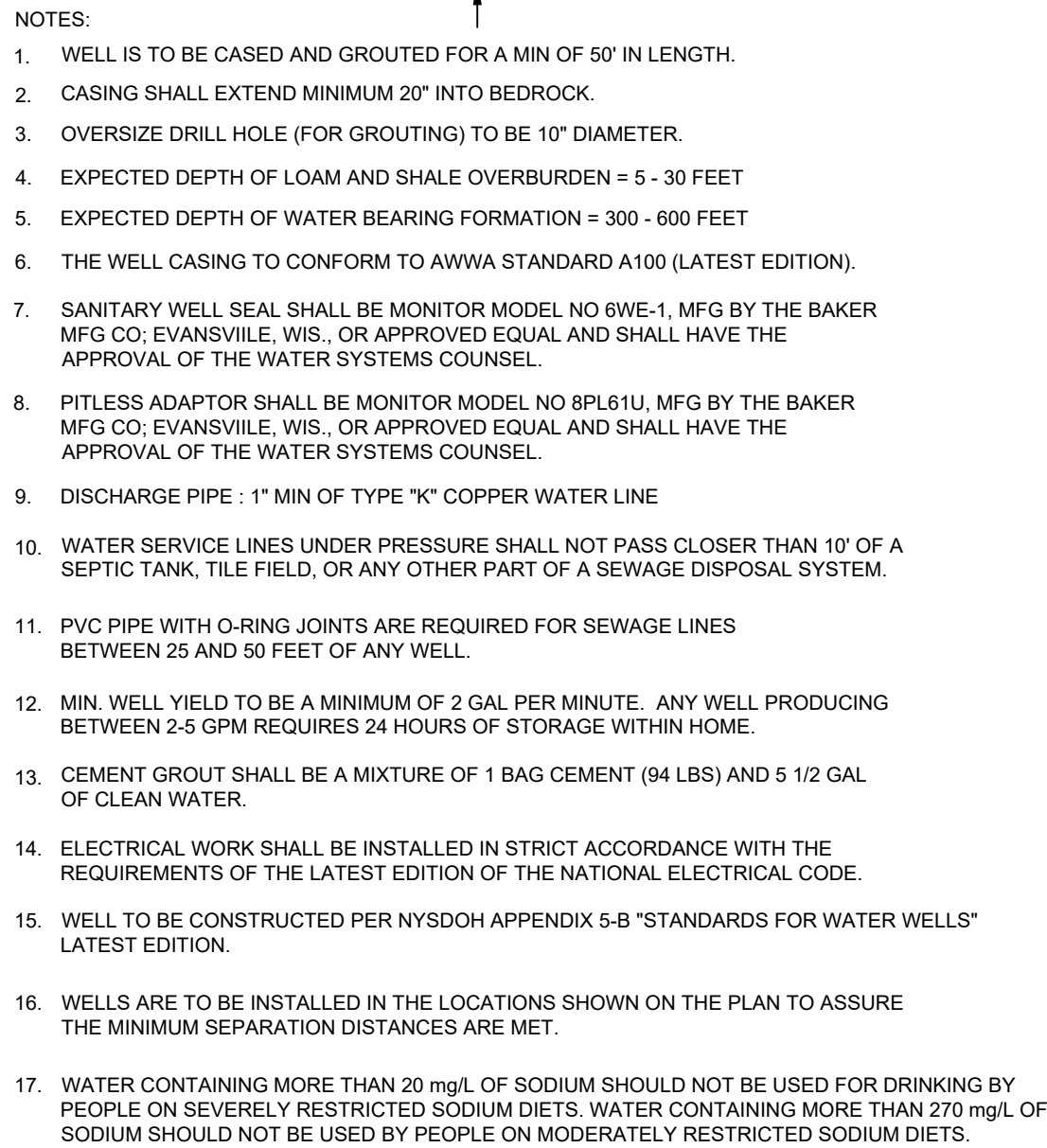


SCALE N.T.S.

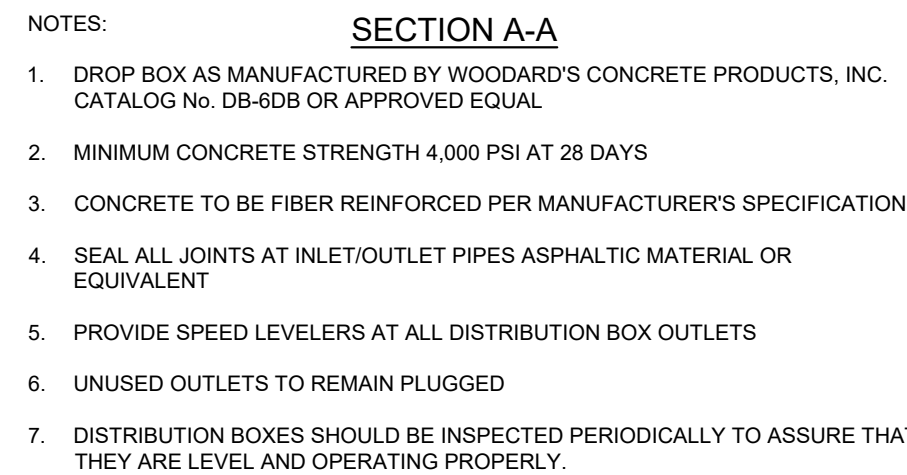


SCALE: NTS

1. PRE-CONSTRUCTION: NOTIFY APPROPRIATE MUNICIPAL AND UTILITY OFFICIALS 3-DAYS PRIOR TO START OF CONSTRUCTION
2. FOR DETAILED PHASING REFER TO EROSION CONTROL AND PHASING PLANS.
3. CONSTRUCTION STAGING: STAKE OUT LIMIT OF DISTURBANCE. INSTALL SILT FENCE OR Silt Fence Along Hill Slope or Downhill From Construction Area. ESTABLISH CONSTRUCTION ENTRANCE AND STABILIZE CONSTRUCTION ROAD(S). INSTALL TEMPORARY SEDIMENT TRAP(S). INSTALL PERMANENT/TEMPORARY GRASSED AREAS.
4. CLEARING AND GRUBBING: REMOVE VEGETATION FROM AREA OF CONSTRUCTION. STRIP TOPSOIL AND STOCKPILE IN AREAS SHOWN ON THE PLAN. INSTALL SEDIMENT BARRIERS AROUND AND ESTABLISH TEMPORARY PROTECTION ON TOPSOIL STOCKPILING AREAS TO PREVENT LOSS OF SOIL.
5. ROUGH GRADING: CUT AND FILL SITE TO APPROXIMATE ELEVATIONS SHOWN ON THE PLAN. IMPLEMENT DUST CONTROL MEASURES AS NECESSARY. ESTABLISH PERMANENT STABILIZATION IN AREAS THAT ARE COMPLETE. ESTABLISH TEMPORARY STABILIZATION IN AREAS WHERE THERE WILL BE GRADED AGAIN MORE THAN 14 DAYS FROM LAST DISTURBANCE.
6. ROAD/BUILDING CONSTRUCTION AND UTILITY INSTALLATION: FINAL GRADING AND CONSTRUCTION OF ROADWAYS. BUILDING EXCAVATION AND CONSTRUCTION OF FOUNDATIONS. INSTALL DRAINAGE INLET AND OUTLET PROTECTION AS EACH INLET/OUTLET IS CONSTRUCTED. ENSURE ALL EROSION CONTROL MEASURES ARE IN WORKING ORDER.
7. POST CONSTRUCTION: REPAIR ANY REMAINING TEMPORARY SEDIMENT TRAPS AND INSTALL PERMANENT WATER QUALITY/QUANTITY FACILITIES. COMPLETE FINE GRADING OF SITE. SPREAD TOPSOIL AND PREPARE FOR PERMANENT SEEDING AND PLANTING. ESTABLISH PERMANENT VEGETATION IN ALL REMAINING UNSTABILIZED AREAS. INSTALL ALL SITE LANDSCAPING AND PLANTINGS.
8. POST CONSTRUCTION: UPON STABILIZATION OF THE SITE AND ESTABLISHMENT OF ALL VEGETATION COVER, REMOVE ALL REMAINING TEMPORARY EROSION CONTROL MEASURES PRIOR TO DECOMMISSIONING OF THE PROJECT. REMOVE FROM THE SITE INCLUDING ROADWAYS, CATCH BASINS AND STORM DRAINS.



SCALE: NTS



SCALE: N.T.S.

DRAWING STATUS		ISSUE DATE:	
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		03/10/2020	
		SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF	N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	6	OF	7
<input type="checkbox"/> UCDOH REALTY SUBDIVISION APPROVAL	6	OF	7
<input type="checkbox"/> UCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYSDOT APPROVAL	N/A	OF	N/A
<input type="checkbox"/> OTHER	N/A	OF	N/A
<input type="checkbox"/> FOR BID	N/A	OF	N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A	OF	N/A

THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.

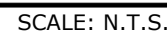
THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).

NEW YORK LICENSE # 071701

71 CLINTON STREET
MONTGOMERY, NY 12549
Ph: (845) 457-7727
Fx: (845) 457-1899

SMITH SUBDIVISION
FIRST STREET
TOWN MARLBOROUGH
ULSTER COUNTY, NEW YORK

JOB #:	1022.06	DRAWN BY:	ZS	C-301
DATE:	08/25/17	SCALE:	AS SHOWN	
REVISION:	6 - 03/10/2020	TAX LOT:	103.1-4-47.130	



CONSTRUCTION SPECIFICATIONS:

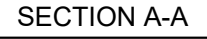
1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER OBJECTIONABLE SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE WATERWAY.
2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN, AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
4. FILL SHALL BE COMPACTED AS NEEDED IN CONSTRUCTION TO PREVENT UNEQUAL SETTLEMENT THAT WOULD CAUSE DAMAGE IN THE COMPLETED WATERWAY.
5. WATERWAY SHALL BE SEEDED AND STABILIZED JUTE OR EXCELSIOR MATTING UNTIL THE VEGETATION IS ESTABLISHED.

SCALE: N.T.S



1. ALL FILL BELOW BUILDINGS, PAVEMENT AREAS, SIDEWALKS, CURBS, ETC; SHALL BE WITH 10.0% GRAVEL (NYSDOT SPEC). THE FULL DEPTH OF THE EXCAVATION, BACKFILL SHALL BE PLACED IN 8" MAXIMUM LIFTS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR TEST.
2. ALL DRAINAGE PIPE SHALL BE HDPE WITH A SMOOTH INVERT.
3. ALL EXCAVATION AND TRENCHING TO MEET OSHA REQUIREMENTS.

SCALE: NTS



CONSTRUCTION SPECIFICATIONS:

1. STONE SHALL BE MAXIMUM SIZE OF 6" WITH 50 TO 100 PERCENT BY WEIGHT LARGER THAN 3" AND 0 TO 10 PERCENT SMALLER THAN 1/2".
2. FILTER FABRIC SHALL BE POLY-FILTER X CLOTH AS MANUFACTURED BY CARTRIDGE MILLS
3. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION AT LOCATIONS SHOWN ON THE PLAN.
4. SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM.
5. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
6. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
7. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

SCALE: NTS



1. SILT FENCE TO BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD.
2. SILT SHALL BE REMOVED WHEN HEIGHT OF SILT EXCEEDS 1/2 OF THE EXPOSED SILT FENCE HEIGHT.

SCALE: NTS



NOTE:
RIP-RAP TO BE PROVIDED AT THE END OF THE
FLARED END SECTION AS PER PLANS.

SCALE: NTS



1. ROLLED EROSION CONTROL PRODUCT (RECP'S) SHALL BE USED ON ALL CONSTRUCTED SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL.
2. PREPARATION OF THE SOIL INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED SHALL BE COMPLETED PRIOR TO INSTALLATION OF ANY RECP'S.
3. INSTALL RECP - NORTH AMERICAN GREEN BIONET S1508R OR APPROVED EQUIV. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP BY 9" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACE APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP'S.
4. ROLL THE RECP'S DOWN THE SLOPE OR HORIZONTALLY ACROSS THE SLOPE. ALL RECP'S MUST BE SECURLY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE PRODUCTS STAPLE PATTERN GUIDE.
5. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2' TO 5' OVERLAP DEPENDING ON RECP'S TYPE.
6. CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3' OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS THE ENTIRE RECP'S WIDTH.

SCALE: NTS



CONSTRUCTION SPECIFICATIONS

1. THE MATTING SHOULD BE A MINIMUM OF 4FT. WIDE EXTENDING 2'-0" OVER THE LIP AND BURIED INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE UPPER EDGE SHOULD BUTT AGAINST SMOOTHLY CUT SOD AND BE SECURELY HELD IN PLACE WITH D = 6" RIP-RAP.
2. ENSURE THAT THE LIP IS LEVEL TO UNIFORMLY SPREAD DISCHARGE.
3. THE LIP SHALL BE CONSTRUCTED ON UNDISTURBED SOIL NOT FILL.
4. A 20 FOOT RIP-RAP SWALE TRANSITION SECTION WILL BE CONSTRUCTED FROM THE DIVERSION CHANNEL TO THE SPREADER TO SMOOTHLY BLEND THE DIFFERENT DIMENSION AND GRADES.
5. THE RUNOFF DISCHARGE WILL BE OUTLETED ONTO A STABILIZED VEGETATED SLOPE NOT EXCEEDING 10%.
6. SEED AND MULCH THE DISTURBED AREA IMMEDIATELY AFTER CONSTRUCTION.

SCALE: NTS



1. STONE SIZE - USE 2" STONE MIN. OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT
2. WIDTH - 30 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
3. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
4. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRED PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES THAT TRAP SEDIMENT. A TRAP SEDIMENT THAT IS NOT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
5. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
6. PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.


SCALE: NTS

[illegible]

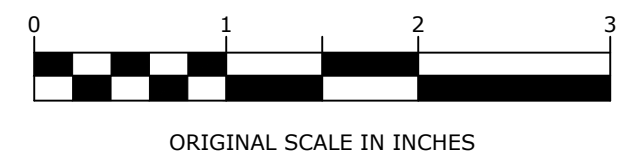
DRAWING STATUS		ISSUE DATE: 03/10/2020	
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF	N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	7	OF	7
<input type="checkbox"/> UCDON REALTY SUBDIVISION APPROVAL	7	OF	7
<input type="checkbox"/> UCDON WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYSDOT APPROVAL	N/A	OF	N/A
<input type="checkbox"/> OTHER	N/A	OF	N/A
<input type="checkbox"/> FOR BID	N/A	OF	N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A	OF	N/A
THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DEMOTED PLAN SET(S).			

COPIES OF THIS DOCUMENT
WITHOUT AN ACTUAL OR
FACSIMILE OF THE
ENGINEER'S SIGNATURE
AND AN ORIGINAL STAMP IN
RED OR BLUE INK SHALL BE
CONSIDERED INVALID.

UNAUTHORIZED
ALTERATIONS OR
ADDITIONS TO THIS
DOCUMENT BEARING THE
SEAL OF A LICENSED
PROFESSIONAL ENGINEER
IS A VIOLATION OF
SECTION 7209 SUBSECTION
2 OF THE NEW YORK STATE
EDUCATION LAW.



ROSS WINGLOVITZ, P.E.
NEW YORK LICENSE # 071701



**ENGINEERING
& SURVEYING
PROPERTIES**
Achieving Successful Results
with Innovative Designs

71 CLINTON STREET
MONTGOMERY, NY 12549
Ph: (845) 457-7727
Ex: (845) 457-1899

DETAILS

SMITH SUBDIVISION
FIRST STREET
TOWN MARLBOROUGH
ULSTER COUNTY, NEW YORK

JOB #:	1022.06	DRAWN BY:	ZS	C-302
DATE:	08/25/17	SCALE:	AS SHOWN	
REVISION:	6 - 03/10/2020	TAX LOT:	103.1-4-47.130	

FILED MAP SHEET 7 OF 7