

LIST OF DRAWINGS

<u>DRAWING #</u>	<u>TITLE</u>	<u>SHEET #</u>
RS-1	REALTY SUBDIVISION	1
C-101	SUBDIVISION PLAN	2
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C-201	DETAILS	4
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C-302	DETAILS	6

**TOWN OF MARLBOROUGH
PLANNING BOARD APPROVAL BOX**

I HEREBY CERTIFY TO THE PARTIES OF INTEREST LISTED BELOW;

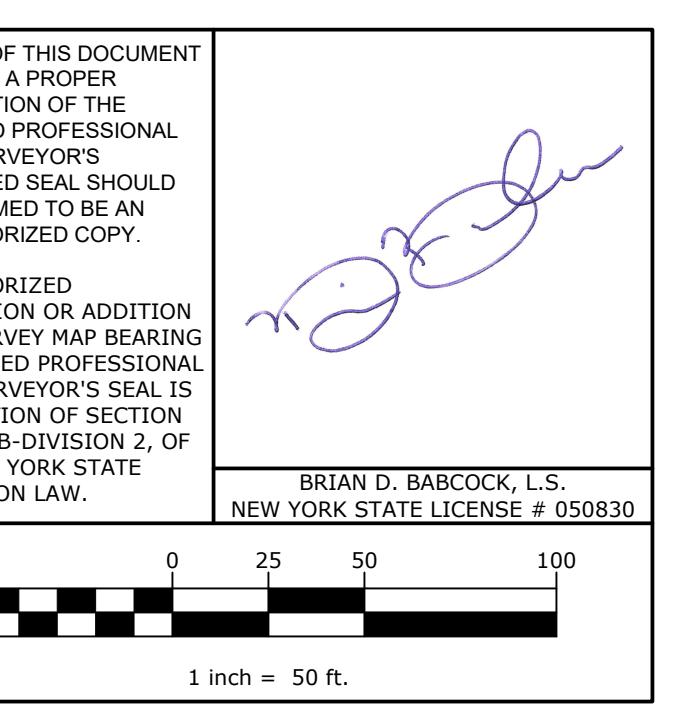
DOUGLAS SMITH;
TOWN OF MARLBOROUGH;

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.

ULSTER COUNTY DEPARTMENT
OF HEALTH APPROVAL BOX

DRAWING STATUS		<u>ISSUE DATE:</u> 02/05/19		
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		SHEET NUMBER		
CONCEPT APPROVAL		N/A	OF	N/A
PLANNING BOARD APPROVAL		1	OF	6
UCDOH REALTY SUBDIVISION APPROVAL		1	OF	6
UCDOH WATERMAIN EXTENSION APPROVAL		N/A	OF	N/A
NYSDEC APPROVAL		N/A	OF	N/A
NYS DOT APPROVAL		N/A	OF	N/A
OTHER		N/A	OF	N/A
FOR BID		N/A	OF	N/A
FOR CONSTRUCTION		N/A	OF	N/A
<p>THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.</p> <p>THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).</p>				



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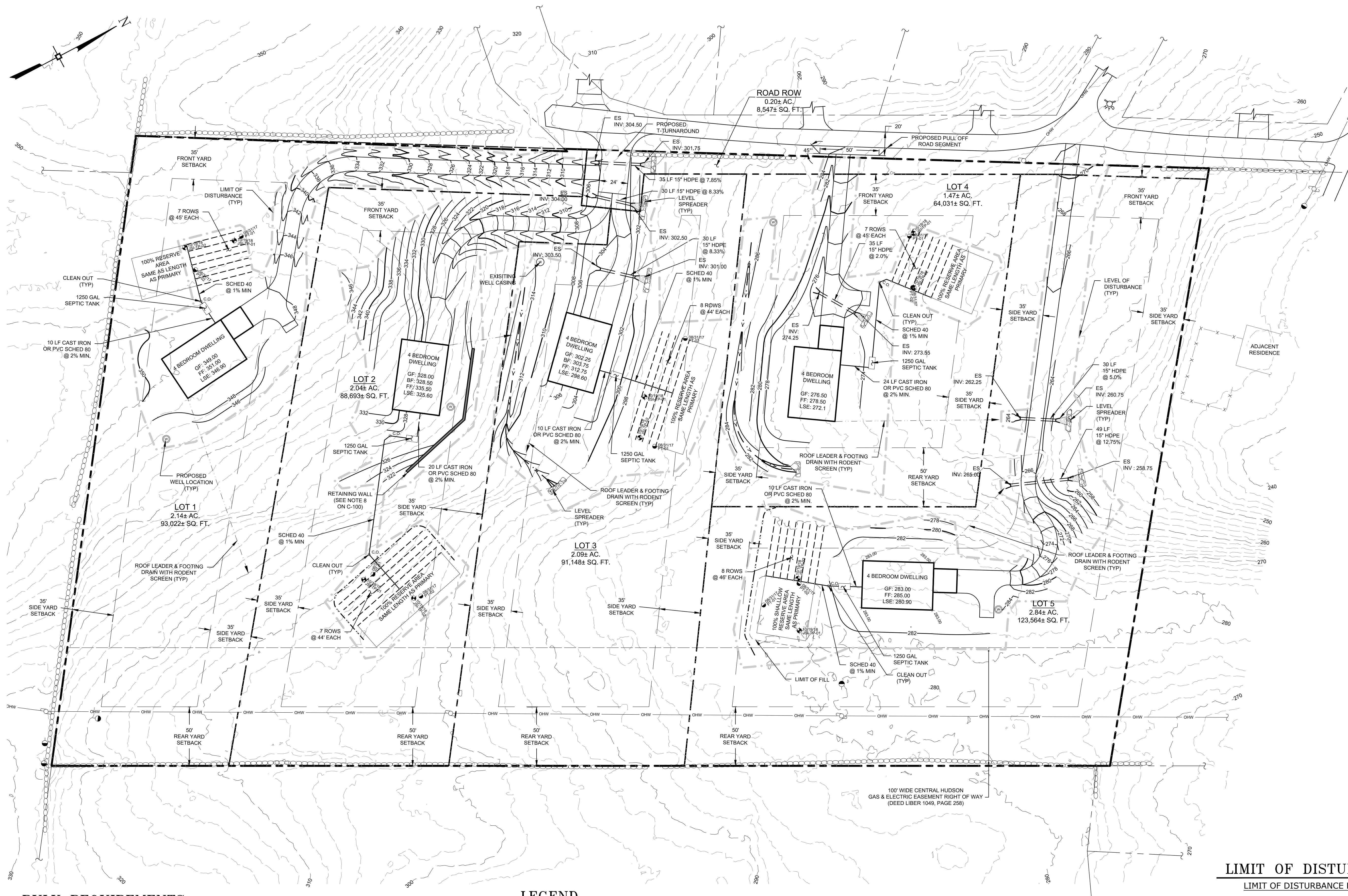
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1

RS-1

2

3



BULK REQUIREMENTS

TOWN OF MARLBOROUGH - RESIDENTIAL ZONING DISTRICT R-1

MINIMUM BUILDING REQUIREMENTS	REQUIRED	LOT 1	LOT 2	LOT 3	LOT 4	LOT 5
LOT AREA	43,560 SF	± 93,022 SF	± 88,693 SF	± 94,148 SF	± 64,031 SF	± 123,564 SF
LOT WIDTH	150 FEET	162.2 FEET	160.5 FEET	197.9 FEET	225.9 FEET	360 FEET
LOT DEPTH	200 FEET	537.5 FEET	490.7 FEET	443 FEET	281.5 FEET	219.2 FEET
FRONT YARD	35 FEET	60.2 FEET	54.9 FEET	101.2 FEET	131.6 FEET	44.4 FEET
REAR YARD	50 FEET	61.6 FEET	67.3 FEET	56 FEET	56.9 FEET	134.9 FEET
SIDE YARD (ONE/BOTH)	35'70" FEET	158.2/456.2 FEET	50.6/413 FEET	61.1/362.2 FEET	54.87/209.6 FEET	132.6/289.2 FEET
MAXIMUM ALLOWABLE						
MAXIMUM BUILDING HEIGHT	35 FT	< 35 FT	< 35 FT	< 35 FT	< 35 FT	< 35 FT
MAXIMUM BUILDING COVERAGE	20%	3.0%	3.2%	3.0%	4.3%	2.3%
MAXIMUM NUMBER OF STORIES	2 1/2	< 2 1/2	< 2 1/2	< 2 1/2	< 2 1/2	< 2 1/2

LEGEND

	BUILDING LINE
	BUILDING GARAGE LINE
	BUILDING ROOF LINE
	EXISTING BUILDING LINE
	EXISTING MAJOR CONTOUR LINE
	EXISTING MINOR CONTOUR LINE
	EDGE OF PAVEMENT LINE
	SEPTIC SYSTEM LOCATION
	BUILDING SETBACK LINES
	DRIVEWAY LINE
	PROPERTY LINE
	EXISTING OVERHEAD WIRE
	ADJACENT PROPERTY LINE
	WALL LINE (HATCH 135)

LIMIT OF DISTURBANCE

LIMIT OF DISTURBANCE PER LOT

LOT 1 :	± 27,723 SF / 0.636 AC
LOT 2 :	± 34,545 SF / 0.793 AC
LOT 3 :	± 33,350 SF / 0.766 AC
LOT 4 :	± 33,206 SF / 0.763 AC
LOT 5 :	± 42,074 SF / 0.966 AC

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SUBDIVISION PLAN

JOB #:	DRAWN BY:
1022.06	ZS
DATE:	08/25/17
SCALE:	1"=40'
REVISION:	4 - 02/05/19
TAX LOT:	103.1-4-47.130

C-101

GENERAL NOTES

1. TAX MAP IDENTIFICATION NUMBER: SECTION 103.1, BLOCK 4, LOT 47.130
2. BOUNDARY INFORMATION BASED UPON FIELD SURVEY AS PERFORMED BY ENGINEERING & SURVEYING PROPERTIES PC, FROM USGS 1M HYDRO-FLATTENED DIGITAL ELEVATION MODELS (DEMs) AS DERIVED FROM 2012 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.
3. APPLICANT/OWNER: DOUGLAS SMITH
PO BOX 368
MARLBORO, NY 12542
4. PROPOSED NUMBER OF LOTS: 5
5. ALL PROPOSED LOTS SHALL BE SERVICED BY INDIVIDUAL WELLS AND SEPTICS.
6. CONTRACTOR SHALL SUBMIT SIGNED AND SEALED SHOP DRAWINGS PRIOR TO CONSTRUCTION FOR ENGINEER'S REVIEW FOR WALLS OVER 4'-0" IN HEIGHT.
7. A WAIVER IS BEING REQUESTED OF 2.5 TO 1 LENGTH TO WIDTH RATION FOR LOTS 1 & 2 TO PERMIT 3.31 TO 1 FOR LOT 1 & TO PERMIT 3.06 TO 1 FOR LOT 2.
10. THERE SHALL BE NO FURTHER SUBDIVISION OF ANY LOT PERMITTED UNDER CURRENT ZONING.

NO.	DATE	DESCRIPTION
1	09/07/18	REVISED PER PB COMMENTS 09-12-18
2	10/24/18	REVISED FOR UCDOH SUBMISSION
3	12/21/18	REVISED PER UCDOH COMMENTS 12/10/18
4	02/05/19	REVISED PER ENGINEERS COMMENTS

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<input type="checkbox"/> CONCEPT APPROVAL		N/A OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	2	OF 6
<input checked="" type="checkbox"/> UCDOH REALTY SUBDIVISION APPROVAL	2	OF 6
<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

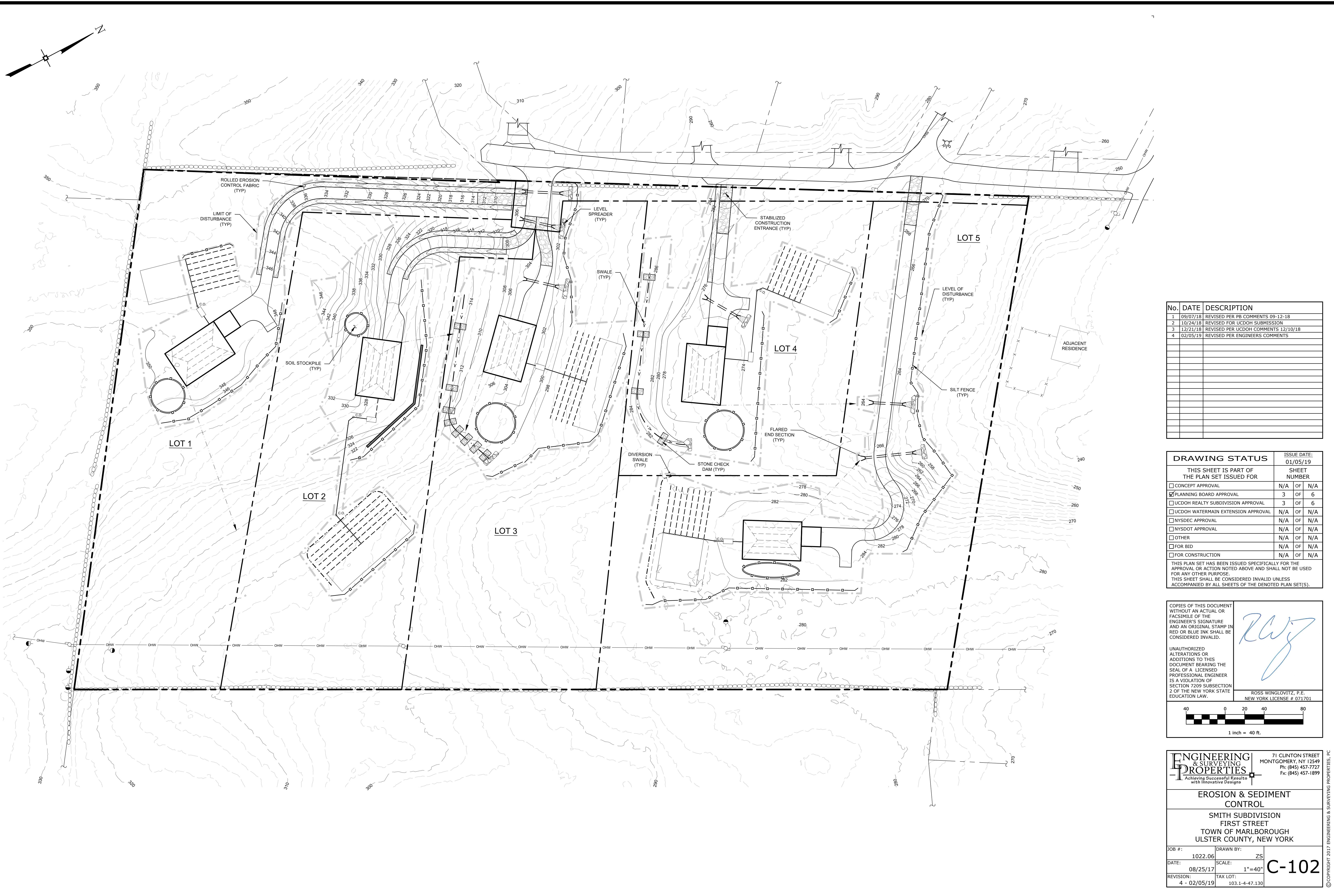
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PERCOLATION TEST RESULTS

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	TIME	
1	08/31/17 PT-1	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	7 MIN
					TIME	00:05:43	00:05:59	00:06:32	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	
1	08/31/17 PT-2	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	19 MIN
					TIME	00:17:15	00:18:07	00:18:42	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	
2	08/30/17 PT-1	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	33 MIN
					TIME	00:21:06	00:30:48	00:32:25	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	
2	08/30/17 PT-2	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	30 MIN
					TIME	00:15:03	00:28:15	00:29:03	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	
3	08/30/17 PT-1	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	37 MIN
					TIME	00:22:06	00:29:51	00:37:51	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	
3	08/30/17 PT-2	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	5 MIN
					TIME	00:02:58	00:03:36	00:04:18	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	
4	08/30/17 PT-1	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	11 MIN
					TIME	00:11:37	00:10:04	00:10:53	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	
4	08/30/17 PT-2	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	18 MIN
					TIME	00:10:27	00:11:58	00:13:34	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	
5	08/30/17 PT-1	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	18 MIN
					TIME	00:10:40	00:16:25	00:17:18	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	
5	08/30/17 PT-2	24"	12"		FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	30 MIN
					TIME	00:15:03	00:28:15	00:29:03	
					FINISH	START	STOPWATCH USED FOR TIMED INTERVALS	TIME	

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"-6" 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 SILTY LOAM NO BEDROCK, NO GROUNDWATER, NO MOTTLING
4	JSI TP 1	10/19/18	0"-6" 6"-43" 43"-66"	TOPSOIL SILTY LOAM GRAVELLY SILTY 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 SILTY LOAM NO BEDROCK, SEEPAGE @ 50", NO MOTTLING
5	JSI TP 1	10/19/18	0"-6" 6"-21" 21"-70"	TOPSOIL SILTY LOAM RIPPLE 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

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<input type="checkbox"/> UCDOH REALTY SUBDIVISION APPROVAL	4 OF N/A	
<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	
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	

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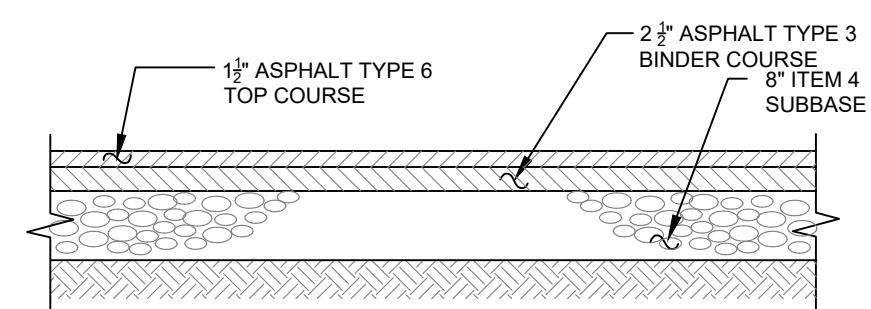
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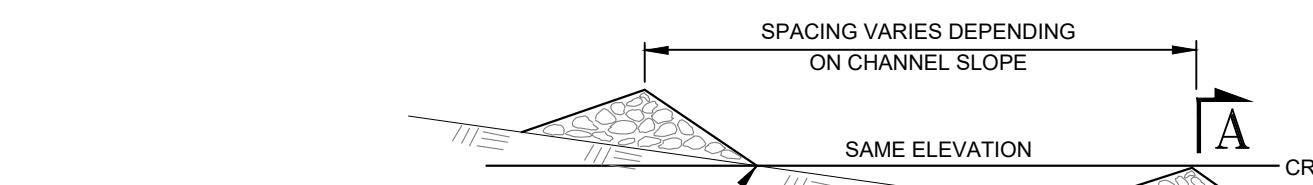
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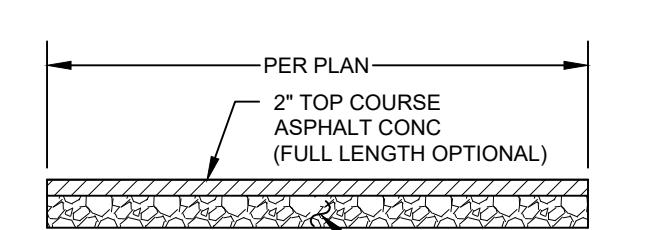
TOWN ROADWAY PAVEMENT SECTION

SCALE: NTS



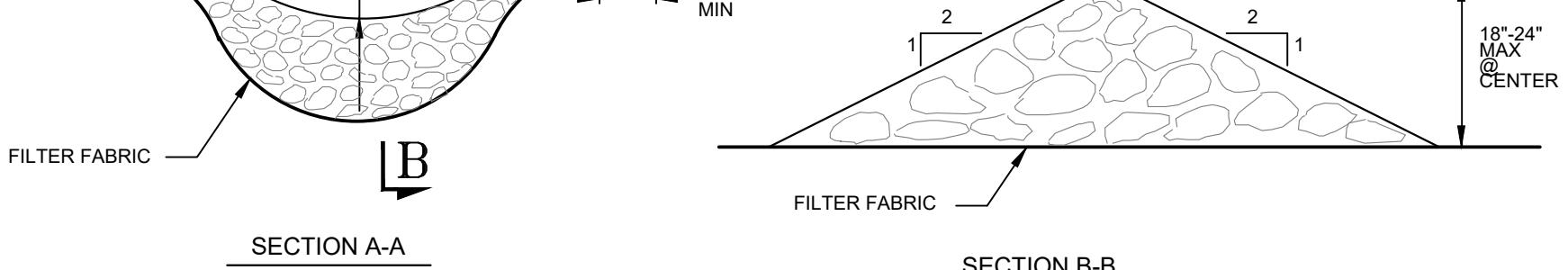
SAME ELEVATION
TOE
CREST
PROFILE

SPACING VARIES DEPENDING
ON CHANNEL SLOPE



DRIVEWAY CROSS-SECTION

SCALE: N.T.S.

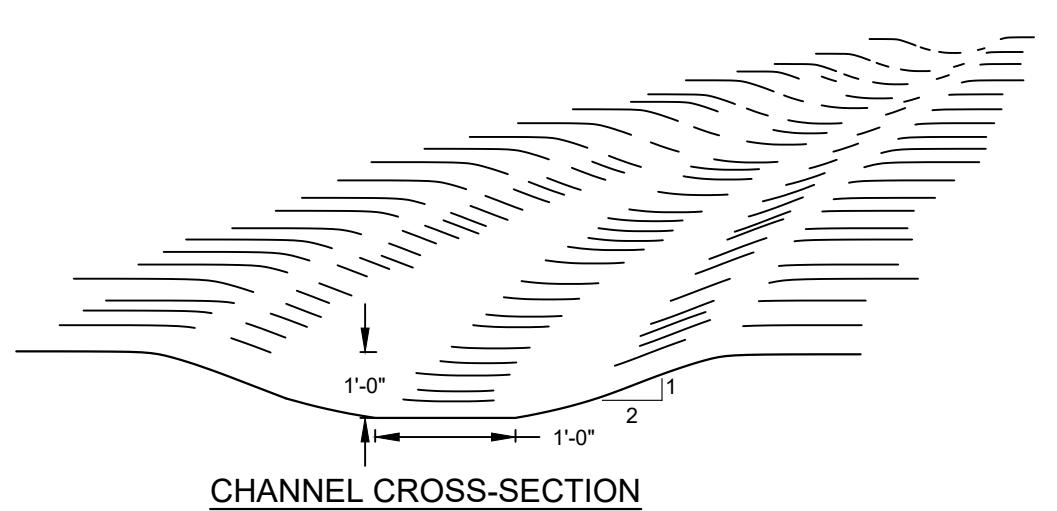


CONSTRUCTION SPECIFICATIONS:

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 CARTHAGE 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.

STONE CHECK DAM

SCALE: NTS



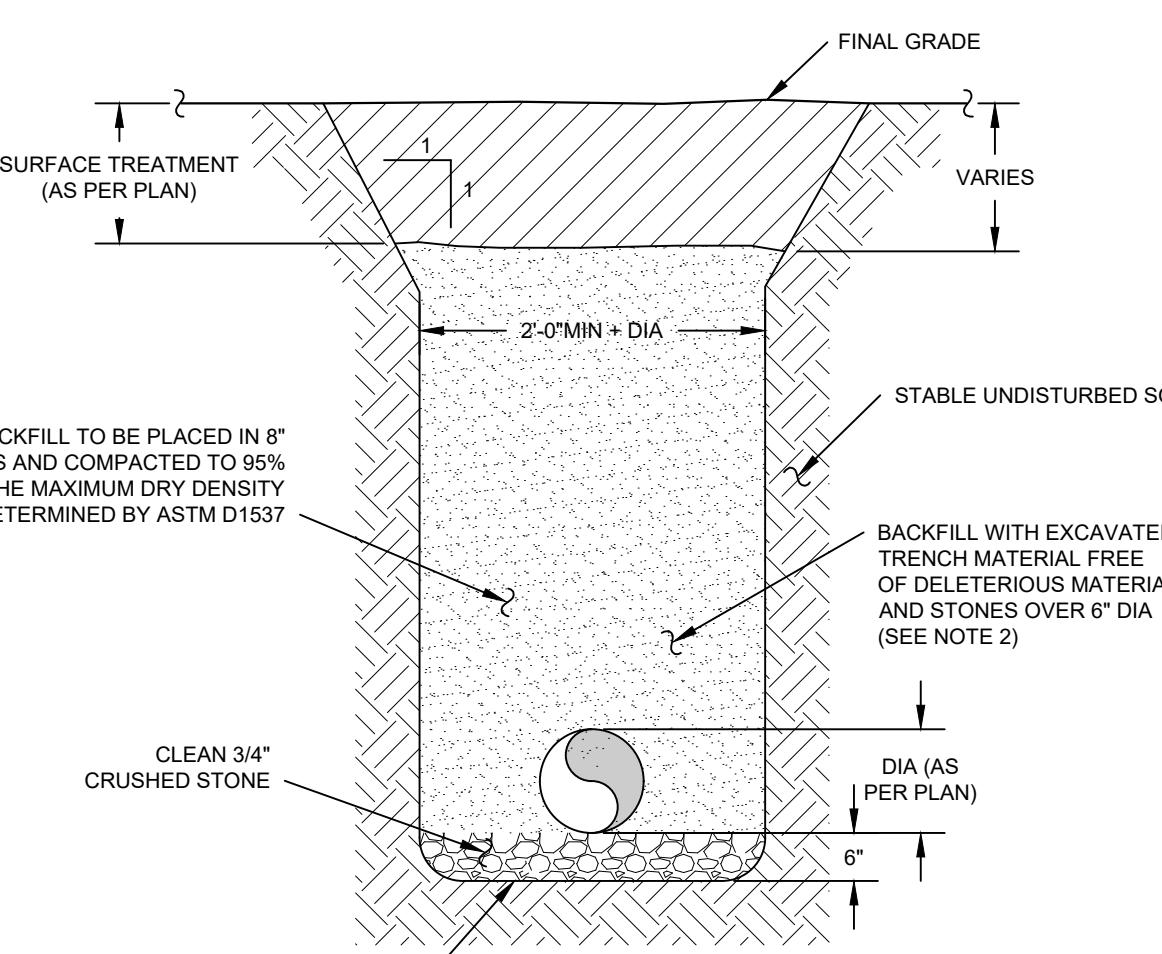
CHANNEL CROSS-SECTION

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 IRRREGULARITIES 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 COMPAKTED AS NEEDED IN CONSTRUCTION TO PREVENT UNEQUAL SETTLEMENT THAT WOULD CAUSE DAMAGE IN THE COMPLETED WATERWAY.
5. WATERWAY SHALL BE SEADED AND STABILIZED JUTE OR EXCELSIOR MATTING UNTIL THE VEGETATION IS ESTABLISHED.

GRASSED SWALE

SCALE: N.T.S.



NOTES:

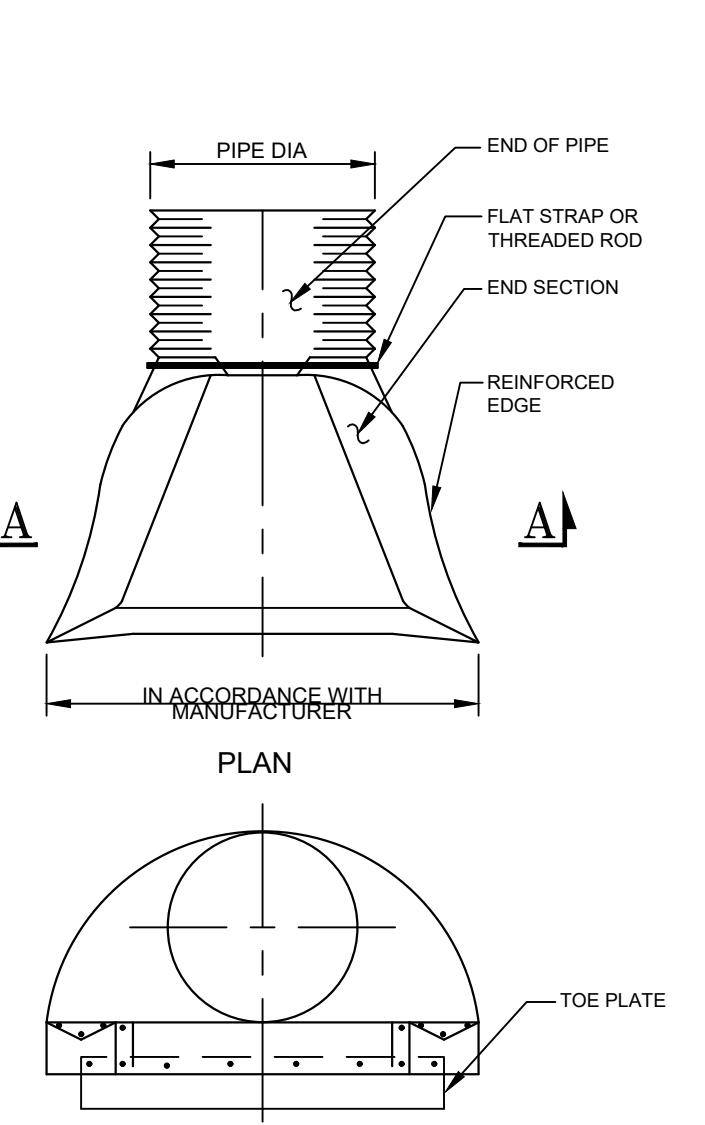
1. ALL FILL BELOW BUILDINGS, PAVEMENT AREAS, SIDEWALKS, CURBS, ETC. SHALL BE WITH R.O.B. GRAVEL (NYSDOT SPEC) FOR THE FULL DEPTH THE EXCAVATION. BACKFILL SHALL BE PLACED IN 8" MAXIMUM LIFTS AND COMPAKTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR TEST.
2. ALL DRAINAGE PIPE SHALL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

DRAINAGE PIPE TRENCH

SCALE: NTS

SILT FENCE

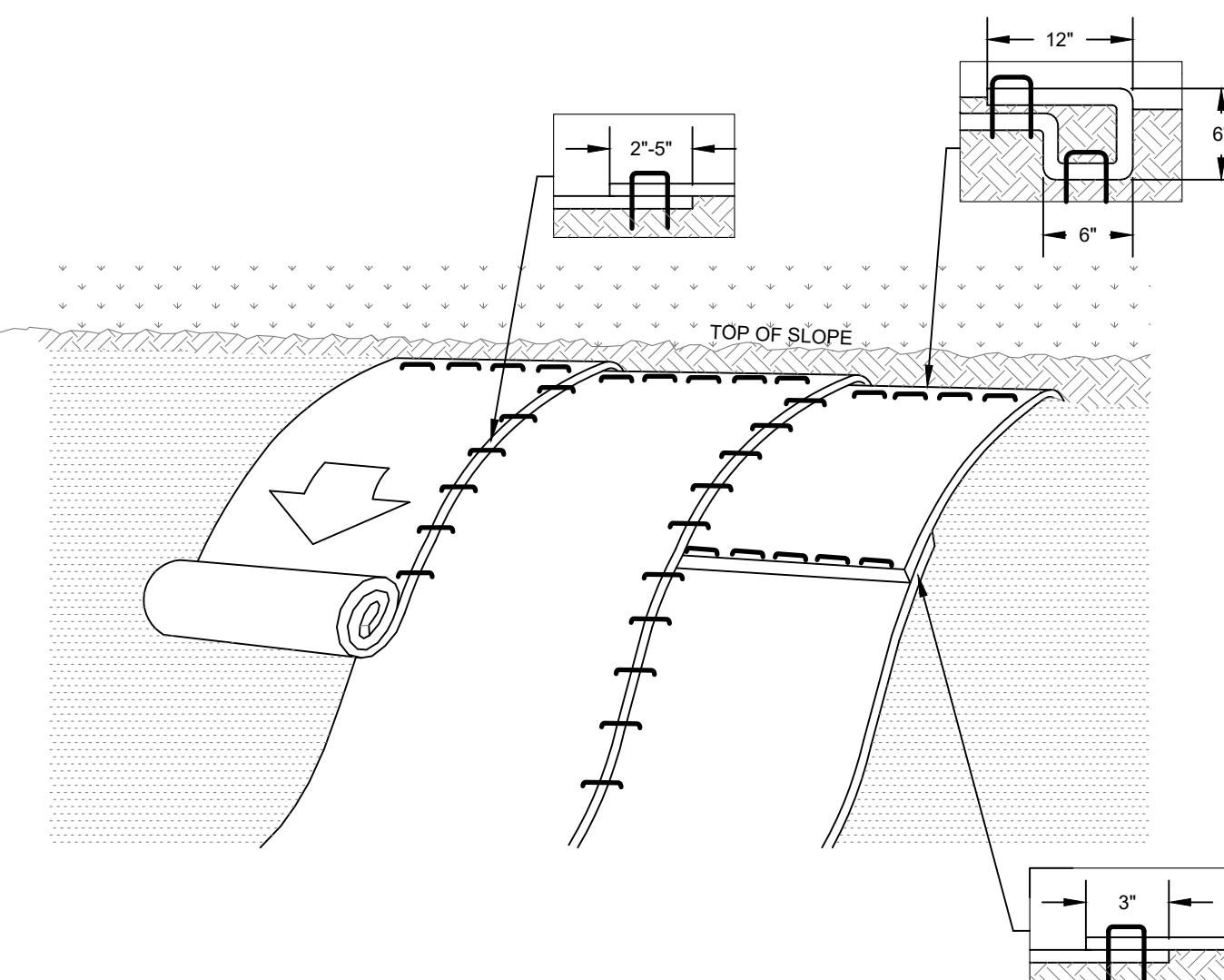
SCALE: NTS



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

FLARED END SECTION

SCALE: NTS

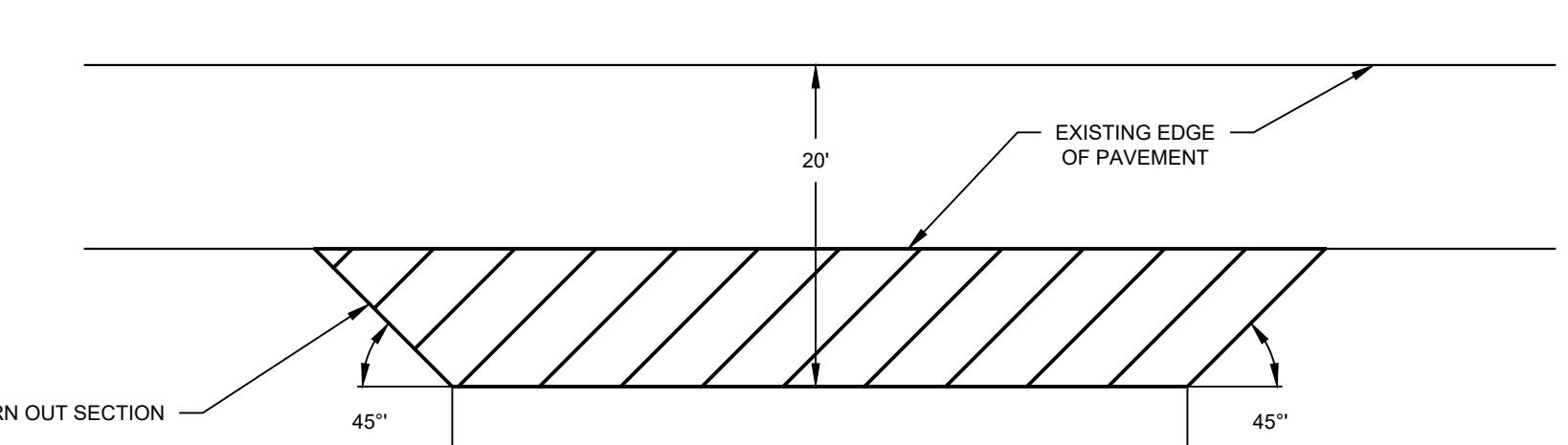


NOTES:

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 BINETON S150BN OR APPROVED EQUAL. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP BY 6' WIDE TRENCH APPROXIMATELY 12' OF RECP'S EXTENDED BEYOND 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 SPACED 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 SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE PRODUCT'S 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.

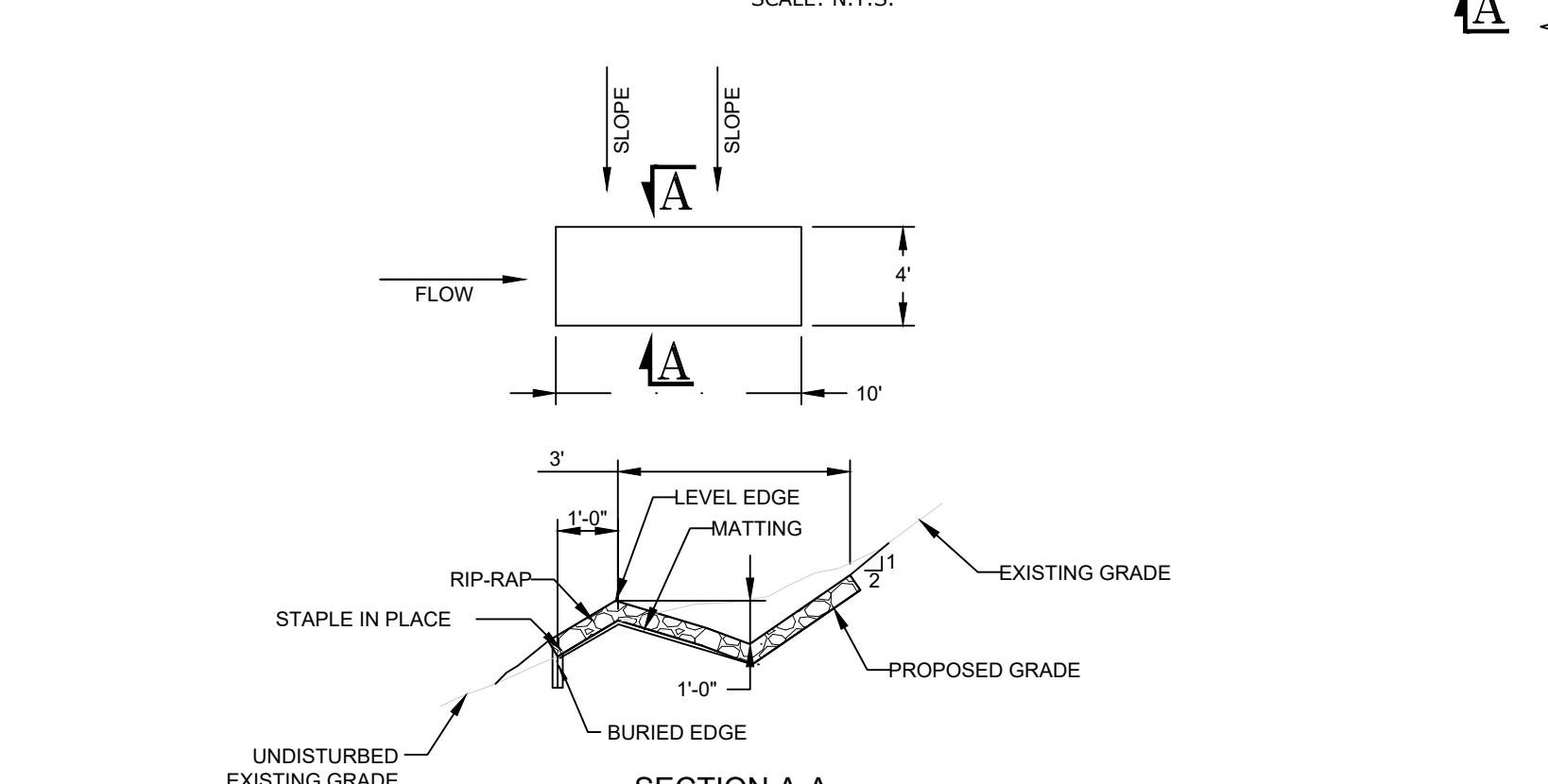
**SLOPE STABILIZATION
(ROLLED EROSION CONTROL PRODUCT)**

SCALE: NTS



TURN OUT SECTION

SCALE: N.T.S.



CONSTRUCTION SPECIFICATIONS

1. THE MATTING SHOULD BE A MINIMUM OF 4'-FT. WIDE EXCLUDING 2'-0" OVER THE LIP AND BURIED 6 INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE UPPER EDGE SHOULD BUTT AGAINST SMOOTHLY CUT SOIL 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 OUTLETTED ONTO A STABILIZED VEGETATED SLOPE NOT EXCEEDING 10%.
6. SEED AND MULCH THE DISTURBED AREA IMMEDIATELY AFTER CONSTRUCTION.

LEVEL FLOW DISSIPATER

SCALE: NTS

**EROSION & SEDIMENTATION
CONTROL NOTES**

1. SITE DISTURBANCE SHALL BE LIMITED TO THE MINIMUM NECESSARY GRADING AND VEGETATION REMOVAL REQUIRED FOR CONSTRUCTION WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS.
2. ORANGE CONSTRUCTION FENCE LOCATIONS AROUND ALL SEPTIC SYSTEM AREAS SHALL BE STAKED BY A SURVEYOR AND INSTALLATION SHALL BE CONFIRMED BY THE ENGINEER. ALL ORANGE CONSTRUCTION FENCING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO PROTECT THE SEPTIC AREAS. THE ORANGE CONSTRUCTION FENCING SHALL ONLY BE REMOVED AT TIME ACTUAL CONSTRUCTION OF THE SEPTIC SYSTEM.
3. TEMPORARY EROSION CONTROL MEASURES, INCLUDING SILT FENCES, TEMPORARY SWALES, STONE CHECK DAMS, TEMPORARY SEDIMENT BASINS, RIP-RAP PROTECTION SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE FOR GRADING OR CONSTRUCTION OF THE PROPOSED ROADWAY OR DWELLING UNITS.
4. ALL DISTURBED AREAS SHALL BE SEDED AND MULCHED AS SOON AS PRACTICAL FOLLOWING CONSTRUCTION TO STABILIZE BARE SOIL AND PROMOTE THE RAPID RE-ESTABLISHMENT OF VEGETATION.
- 4.1. AN ADEQUATE SEEDBED SHALL BE PREPARED BY SCARIFYING COMPACTED SOIL AND REMOVING SURFACE DEBRIS AND OBSTACLES.
- 4.2. LIME SHALL BE APPLIED SUFFICIENTLY TO ATTAIN A SOIL ACIDITY PH OF 6.0 TO 7.0.
- 4.3. FERTILIZER (5-10-10 MIXTURE OR EQUIVALENT) SHALL BE APPLIED FOR ESTABLISHING NEW LAWNS PER SITE SPECIFIC SOIL TEST RESULTS OR AT A RATE OF 600 LBS. PER ACRE.
- 4.4. DISTURBED AREAS WHICH WILL REMAIN TEMPORARILY FALLOW FOR PERIODS GREATER THAN 30 DAYS SHALL BE SEADED AT THE FOLLOWING RATE TO PRODUCE TEMPORARY GROUND COVER: 30 LBS. NY GRASS (ANNUAL OR PERENNIAL) PER ACRE DURING THE FIRST 100 LBS. CERTIFIED 'ACOOSTOCK' WINTER RYE (CZEAL RYE) PER ACRE.
- 4.5. PERMANENT SEEDING SHALL BE APPLIED ON 4" MIN TOPSOIL AT THE FOLLOWING RATE:

8 LBS EMPIRE BIRDSFOOT TREFOL OR COMMON WHITE CLOVER PER ACRE PLUS
20 LBS TALL FESCUE PER ACRE PLUS
2 LBS REDTOP OR 5 LBS RYEGRASS (PERENNIAL) PER ACRE

ALL SEEDING SHALL BE PERFORMED USING THE BROADCAST METHOD OR HYDROSEEDING UNLESS OTHERWISE APPROVED.

4.7. ALL DISTURBED AREAS WHICH ARE NOT STABILIZED SUBSEQUENT TO SEALED BY THE ENGINEER OR OTHER CONTRACTOR, STRAW MULCH SHALL BE ANCHORED BY APPLYING 150 LBS. OF WOOD FIBER MULCH PER ACRE WITH A HYDROSEEDER, OR TUCKING THE MULCH WITH SMOOTH DISCS OR OTHER MULCH ANCHORING TOOLS TO A DEPTH OF 3". MULCH ANCHORING TOOLS SHALL BE PULLED ACROSS SLOPES ALONG TOPOGRAPHIC CONTOURS.

5. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DRAINAGE STRUCTURES SHALL BE INSPECTED FOLLOWING EVERY RAIN EVENT, AND MAINTENANCE AND REPAIRS SHALL BE PERFORMED PROMPTLY TO MAINTAIN PROPER FUNCTION. TRAPPED SEDIMENT SHALL BE REMOVED AND DEPOSITED IN A PROTECTED AREA IN A PROPER MANNER WHICH WILL NOT RESULT IN EROSION.

6. TEMPORARY CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED AND GROUND COVER IS COMPLETELY REESTABLISHED. FOLLOWING STABILIZATION, TEMPORARY MEASURES SHALL BE REMOVED TO AVOID INTERFERENCE WITH DRAINAGE.

7. ALL STORM INLETS TO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION.

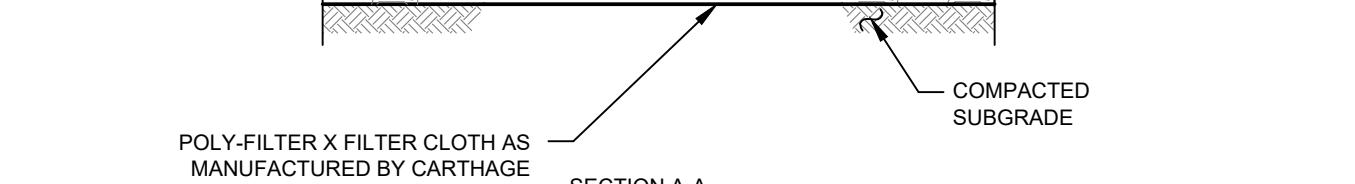
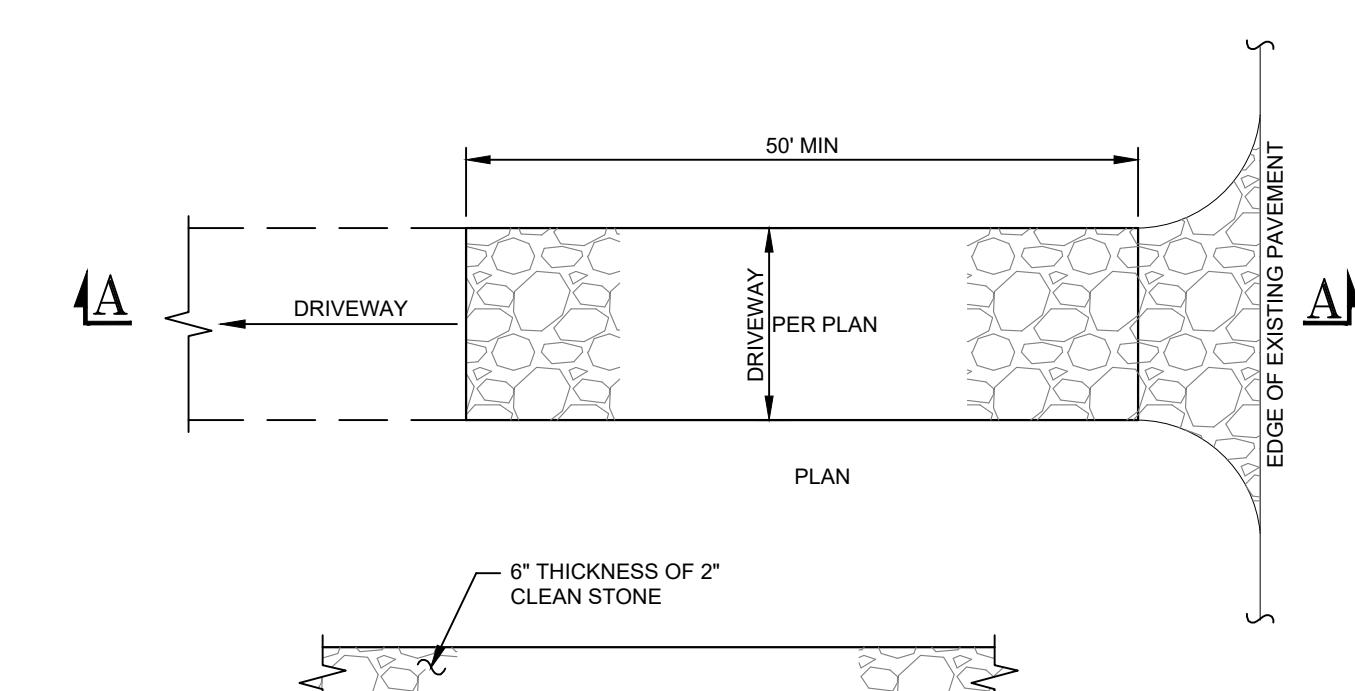
8. SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN SUFFICIENT QUANTITIES.

9. MULCH NETTING SUCH AS PAPER, JUTE, EXCELSIOR, COTTON OR PLASTIC MAY BE USED STAPLE IN PLACE OVER HAY OR STRAW MULCH. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED.

10. STABILIZATION OF STEEP SLOPES SHALL BE ACHIEVED BY APPLYING LIME AND FERTILIZER AS SPECIFIED ABOVE AND SEEDING WITH THE FOLLOWING MIXTURE:

MATERIAL	lbs/Acre
SPREADING RYE GRASS	30
CROWN VETCH	12
SPREADING FESCUE	25

11. OPTIMUM SEEDING PERIODS ARE 3/15-6/1 AND 8/1-10/15.



NOTES:

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 CONDITION DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT 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.

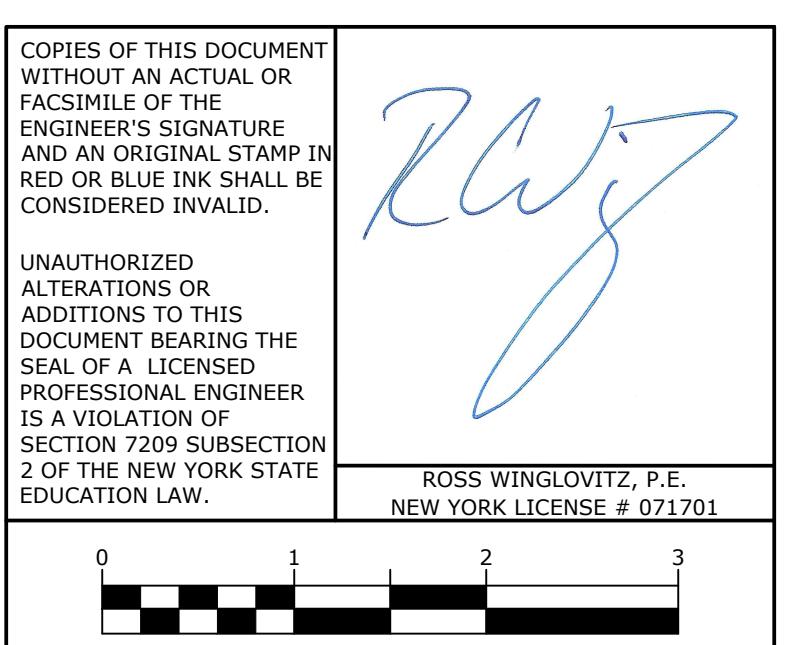
STABILIZED CONSTRUCTION ENTRANCE

SCALE: NTS

NO.	DATE	DESCRIPTION
1	09/07/18	REVISED PER BB COMMENTS 09-12-18
2	10/24/18	REVISED FOR UCDOH SUBMISSION
3	12/21/18	REVISED FOR UCDOH COMMENTS 12/10/18
4	02/05/19	REVISED PER ENGINEERS COMMENTS

DRAWING STATUS		ISSUE DATE: 02/05/19
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	6	OF 6
<input type="checkbox"/> UCDOH REALTY SUBDIVISION APPROVAL	6	OF 6
<input type="checkbox"/> NYSDC 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 APPROVALS 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).



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

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ORIGINAL SCALE IN INCHES

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