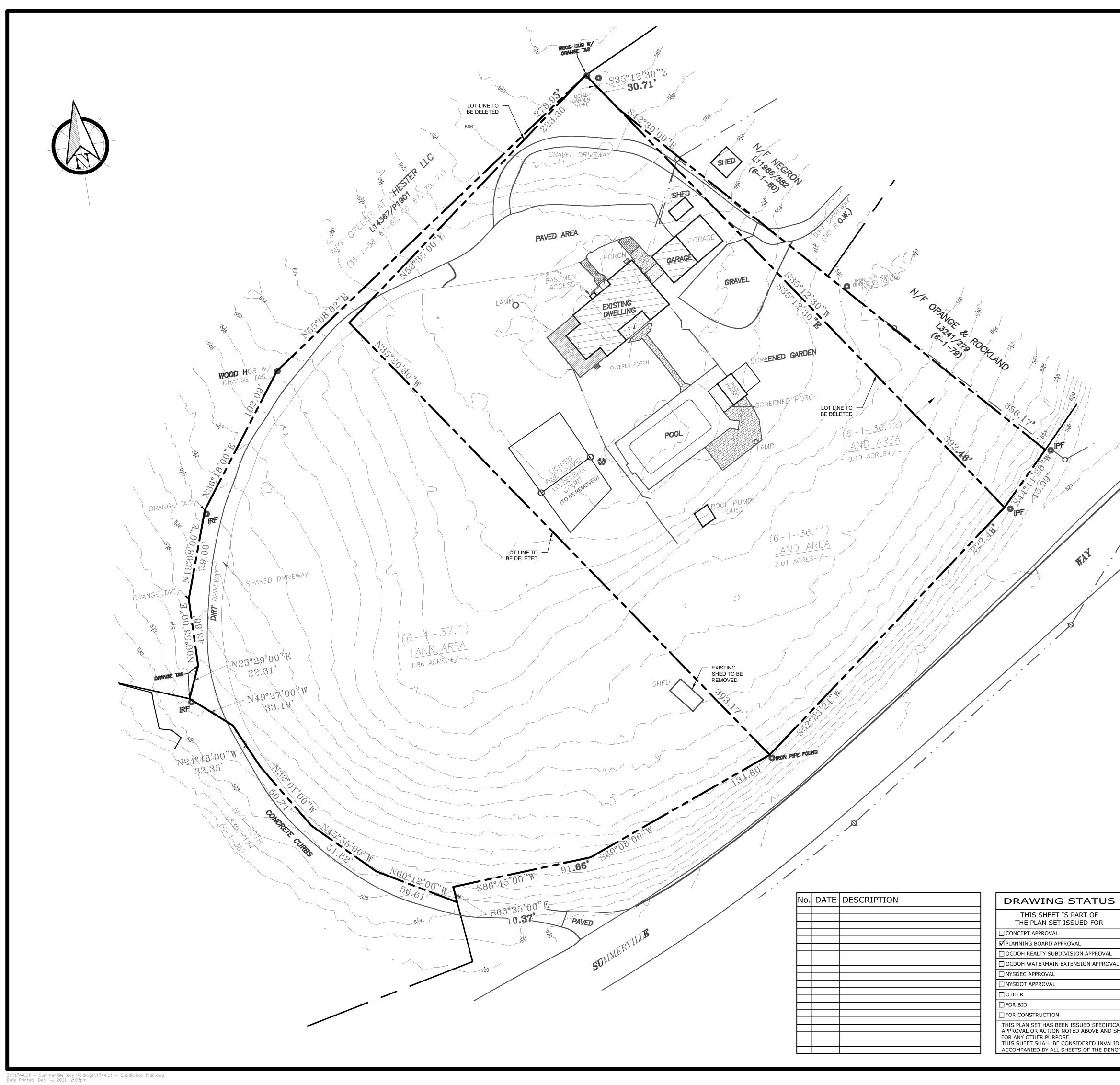
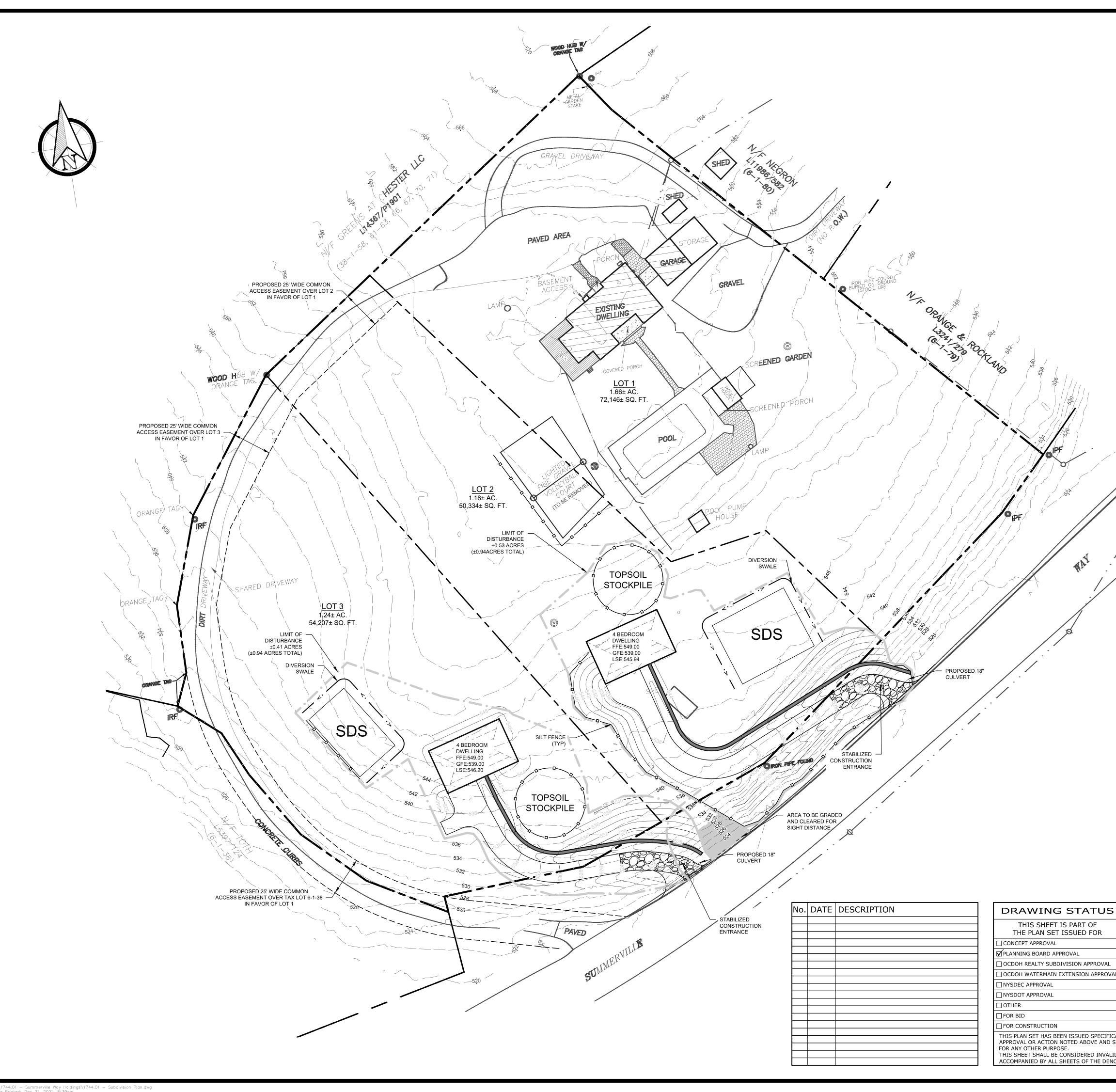


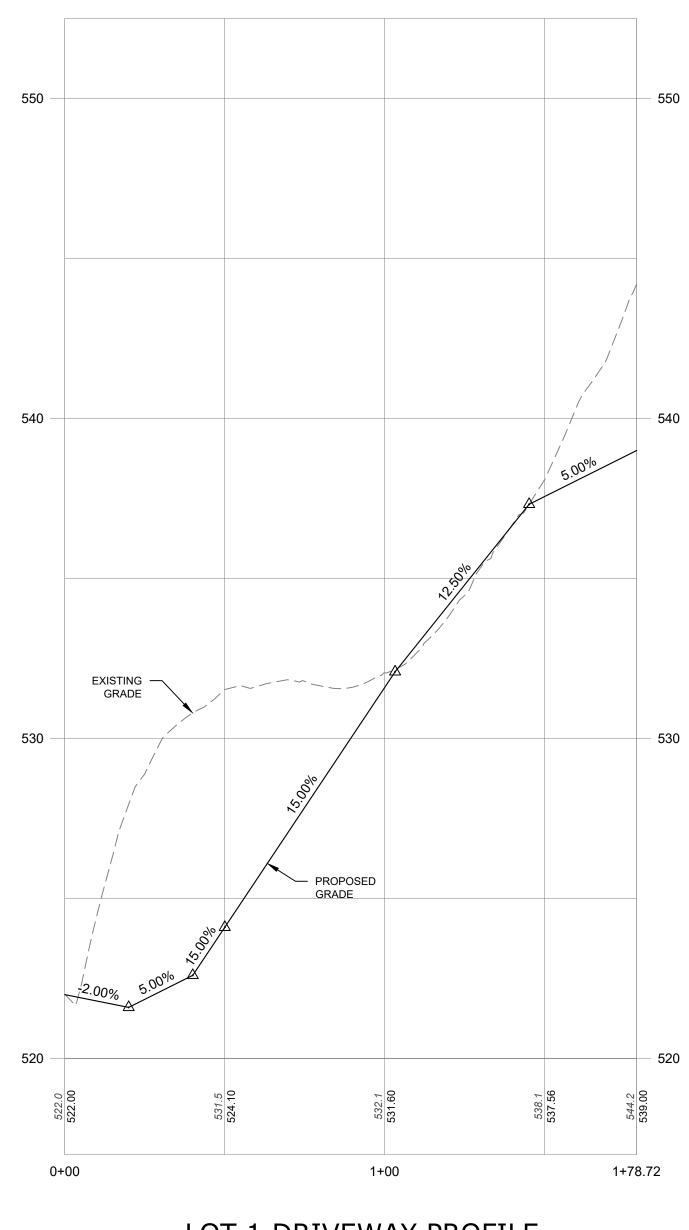
MINIMUM BUILDING REQUIREMENTS	REQUIRED	LOT 1	LOT 2	LOT 3			
LOT AREA	1 AC	1.66 AC	1.16 AC	1.24 AC			
LOT WIDTH	150 FEET	154.2 FEET	180.7 FEET	201.4 FEET			
FRONT YARD	60 FEET	249.6 FEET	90.5 FEET	64.5 FEET			
REAR YARD	60 FEET	106.8 FEET	267.1 FEET	144.7 FEET			
SIDE YARD (ONE / BOTH)	30 / 60 FEET	40.8/112.3 FEET	32.0/64.2 FEET	34.4/91.2 FEET			
MAXIMUM ALLOWABLE							
BUILDING HEIGHT	35 FT	< 35 FT	< 35 FT	< 35 FT			
LOT COVERAGE (BUILDINGS)	15 %	< 15 %	< 15 %	< 15 %			



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	N/A	OF	N/A	SECTION 7209 SUBSECTION 2 OF THE NEW YORK STATE		ORANGE COUNTY, NEW YORK	NIGIN
	N/A	OF	N/A	EDUCATION LAW.	ROSS WINGLOVITZ, P.E. NEW YORK LICENSE # 071701		
	N/A	OF	N/A			1744.01 MDP	2021
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ID UNLESS NOTED PLAN SET(S).			11	inch = 30 ft.	REVISION: TAX LOT: 6-1-36.11, 0 36.12 & 37.1	© COP				

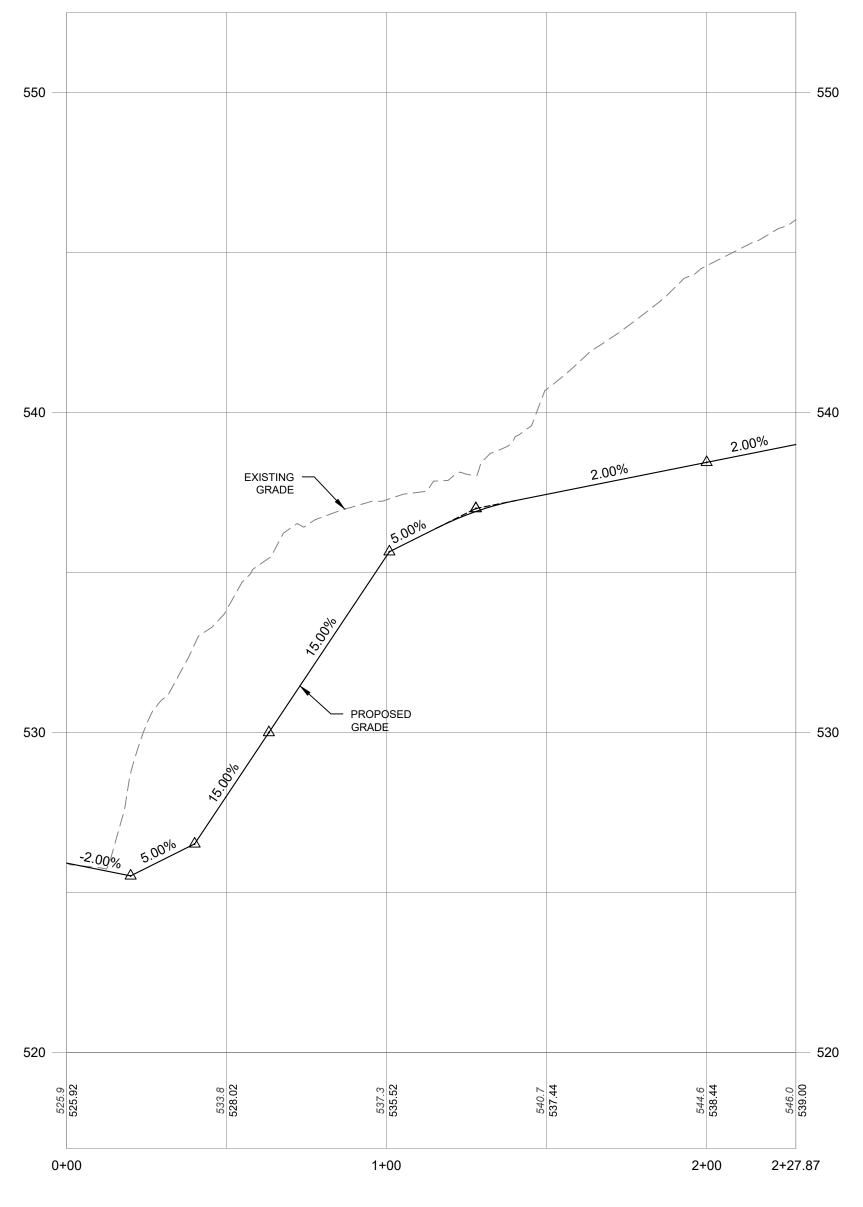


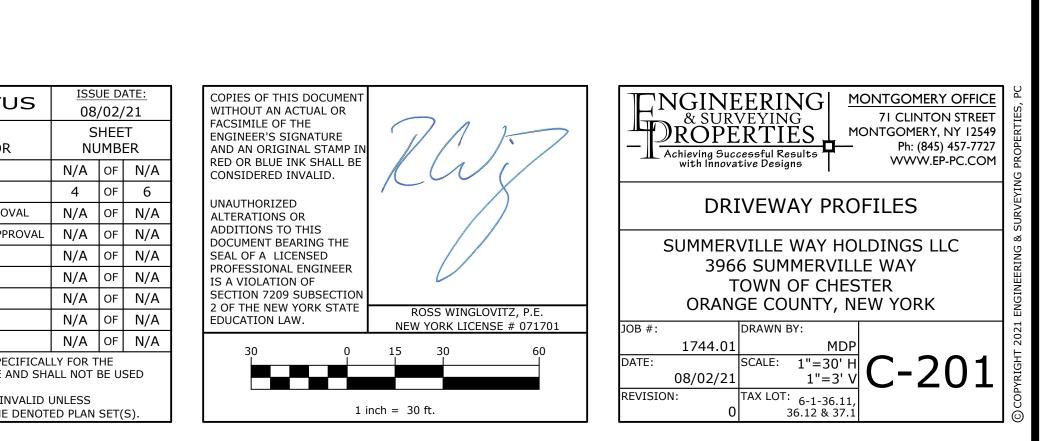
LOT 1 DRIVEWAY PROFILE SCALE: 1"=30' H 1"=3' V

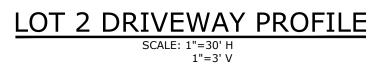
DATE	DESCRIPTION	DRAWING STATU
		THIS SHEET IS PART OF THE PLAN SET ISSUED FOR
		CONCEPT APPROVAL
		PLANNING BOARD APPROVAL
		OCDOH REALTY SUBDIVISION APPROV
		OCDOH WATERMAIN EXTENSION APPRO
		NYSDEC APPROVAL
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# PERCOLATION TEST RESULTS

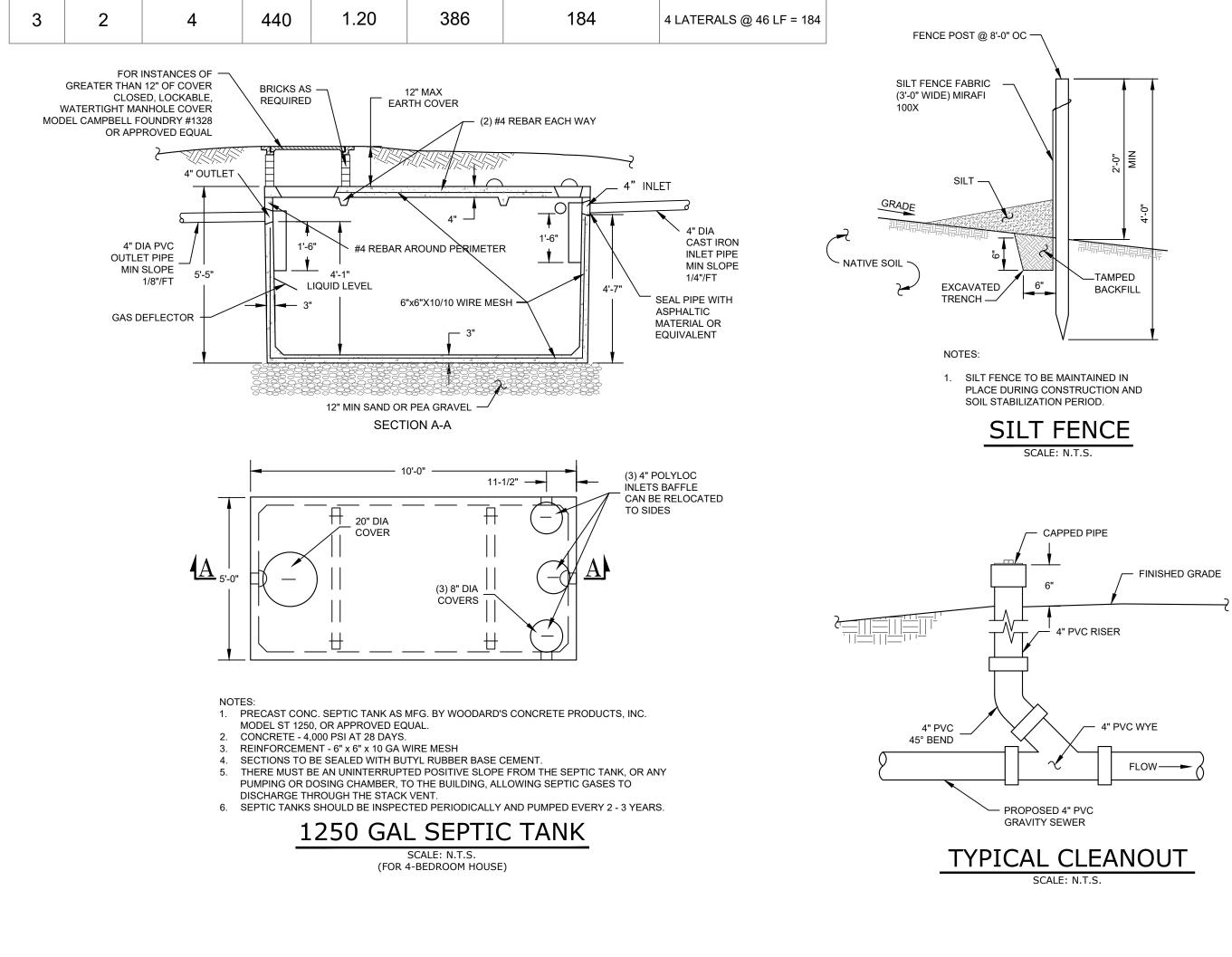
LOT #	PERC HOLE #	PERC HOLE DEPTH	PERC HOLE DIA	TIME		PERCOLATION TEST RUNS STOPWATCH USED FOR ALL TESTS (TIME FOR 1" DROP IN WATER LEVEL)			
				FINISH					
2	9/21/21 JPT-1	24"	8"	START	STOP	VATCH USED F	OR TIMED INTE	RVALS	7 MIN
	01 1-1			TIME	00:03:33	00:06:13	00:06:25		
			8"	FINISH					
2	9/21/21 JPT-2	24"		START	STOP	STOPWATCH USED FOR TIMED INTERVALS			9 MIN
					TIME	00:04:57	00:07:31	00:08:10	
				FINISH					
3	9/21/21 JPT-3	24"	8"	START	STOP	VATCH USED F	OR TIMED INTE	RVALS	2 MIN
				TIME	00:00:50	00:00:59	00:01:03	00:01:05	
				FINISH					
3	9/21/21 JPT-4	24"	8"	START	STOP	VATCH USED F	OR TIMED INTE	RVALS	2 MIN
				TIME	00:00:53	00:00:56	00:01:02	00:01:06	

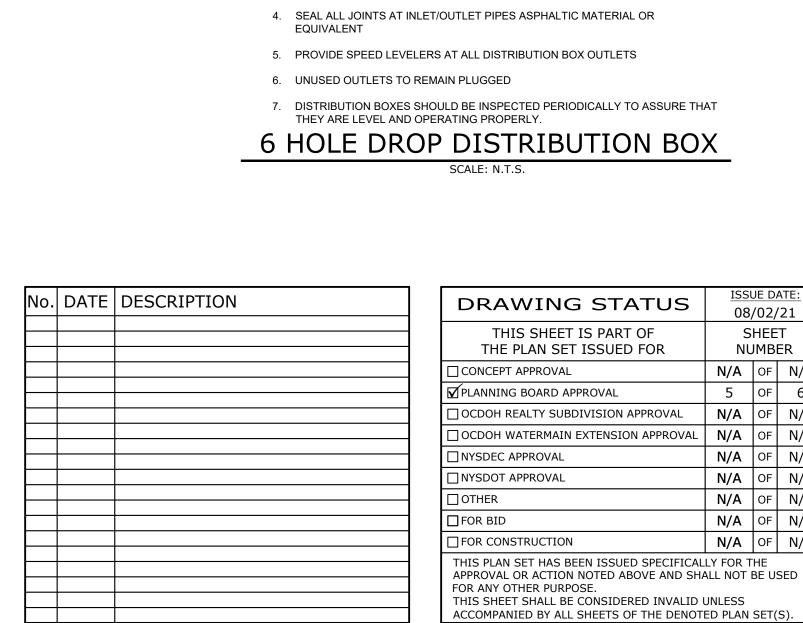
# DEEP TEST HOLE RESULTS

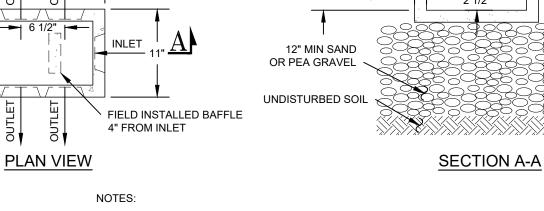
TEST HOLE #	DATE	DEPTH	DESCRIPTION
TP-1	10/20/21	0" - 8" 8" - 96"	TOPSOIL BROWN GRAVELLY LOAM NO MOTTLING, NO BEDROCK , NO WATER
TP-2	10/20/21	0" - 8" 8" - 96"	TOPSOIL BROWN GRAVELLY LOAM NO MOTTLING, NO BEDROCK , NO WATER
TP-3	10/20/21	0" - 8" 8" - 96"	TOPSOIL BROWN GRAVELLY CLAY LOAM WITH COBBLES NO MOTTLING, NO BEDROCK , NO WATER
TP-4	10/20/21	0" - 8" 8" - 96"	TOPSOIL TAN SILTY CLAY LOAM WITH COBBLES NO MOTTLING, NO BEDROCK , NO WATER

# SEPTIC SYSTEM DESIGN SCHEDULE

LOT #	STABILIZE PERC RATE (min)	PROPOSED BEDROOMS	FLOW RATE (GPD)	APPLICATION RATE (GPD/Sq. ft.)	REQUIRED AREA (Sq. ft.)	REQUIRED FIELD LENGTH (ft) (BASED UPON 2' WIDE TRENCH)	PROPOSED ABSORPTION FIELD LENGTH (ft)
2	9	4	440	0.90	490	245	5 LATERALS @ 49 LF = 245
3	2	4	440	1.20	386	184	4 LATERALS @ 46 LF = 184

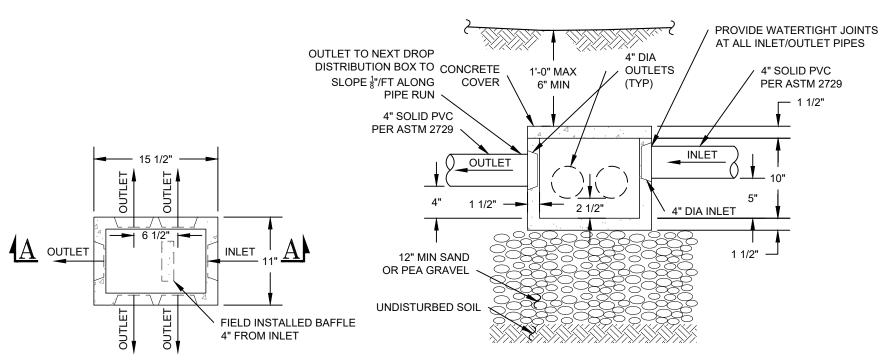


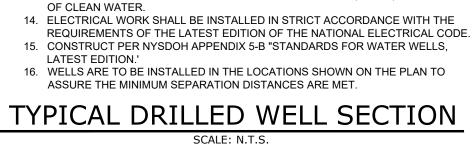


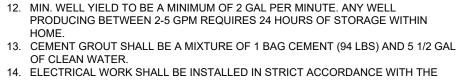


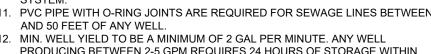
CATALOG No. DB-6DB OR APPROVED EQUAL

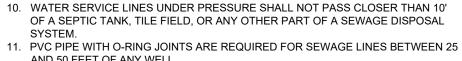
2. MINIMUM CONCRETE STRENGTH 4,000 PSI AT 28 DAYS

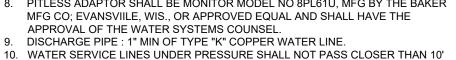


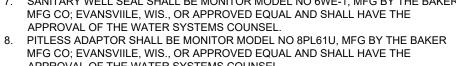


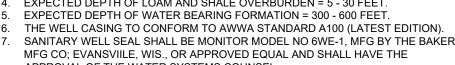


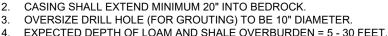




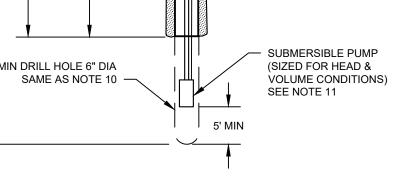


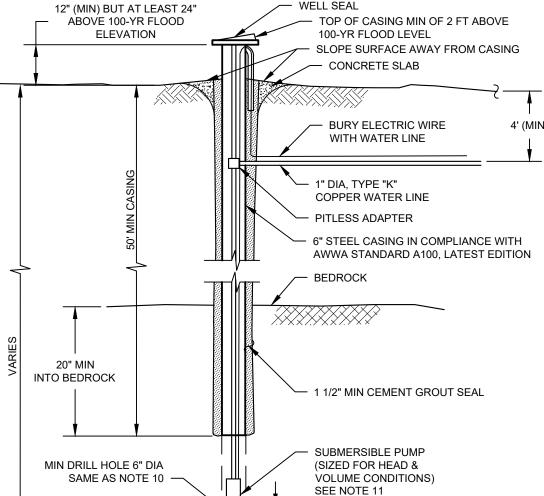


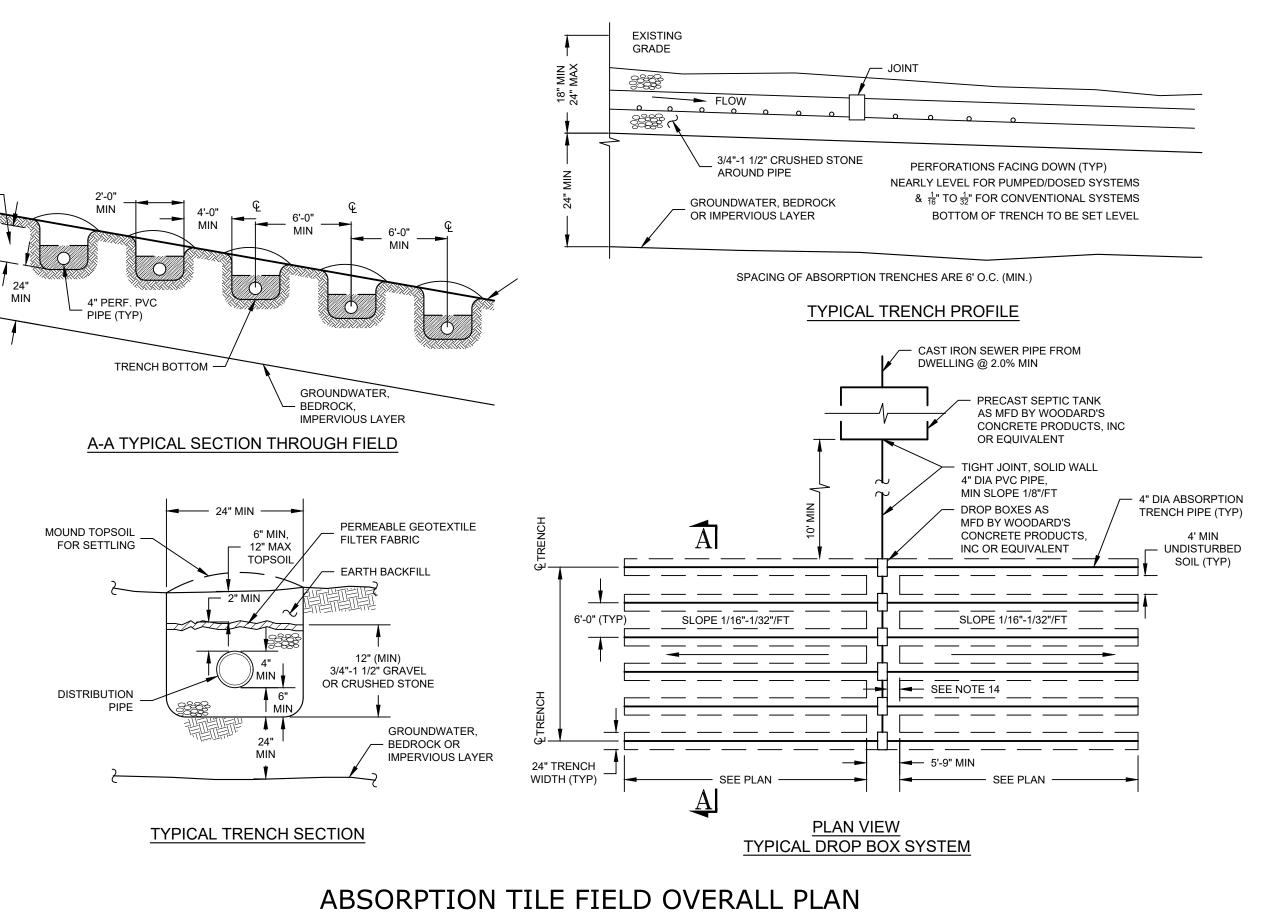


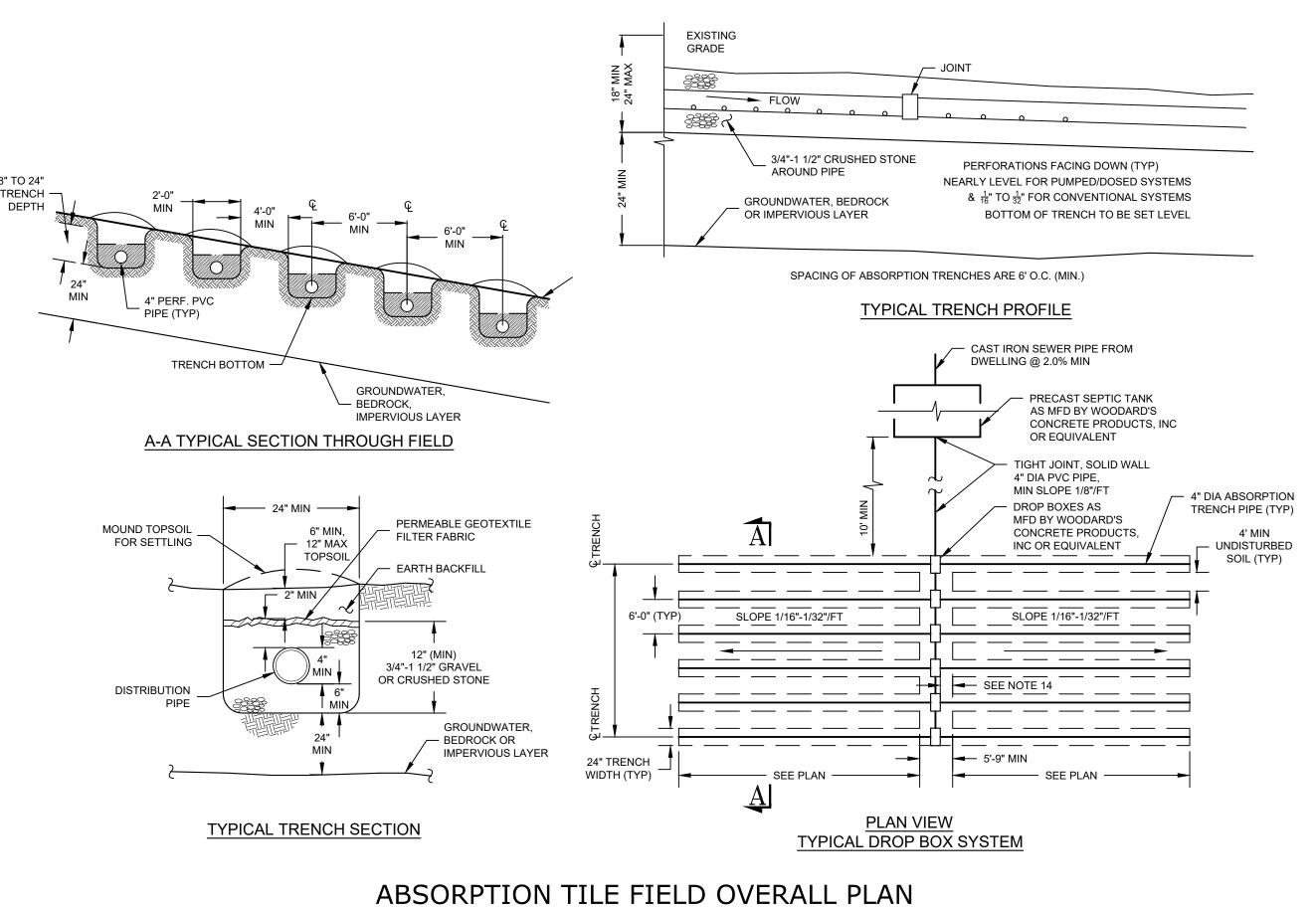




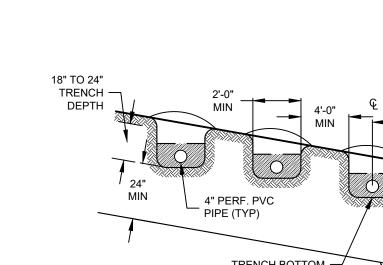






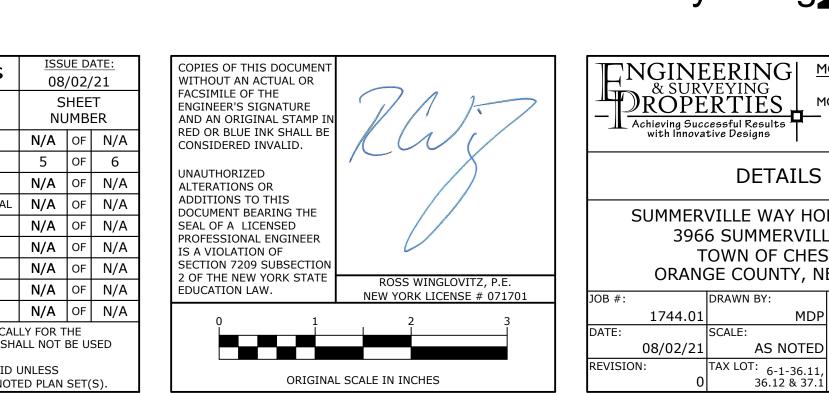


SCALE: N.T.S.



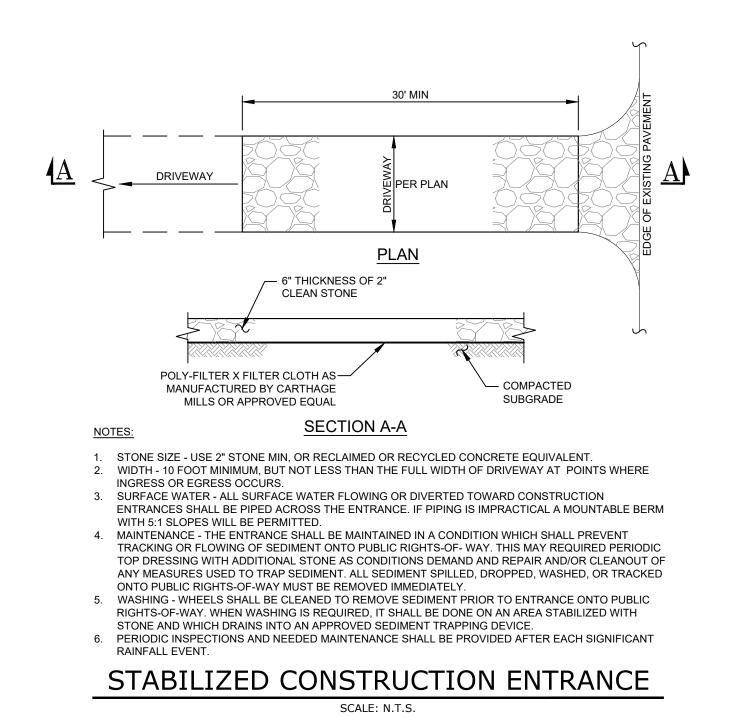
1. DROP BOX AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC.

3. CONCRETE TO BE FIBER REINFORCED PER MANUFACTURER'S SPECIFICATION

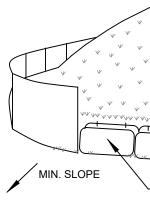


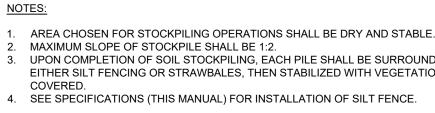


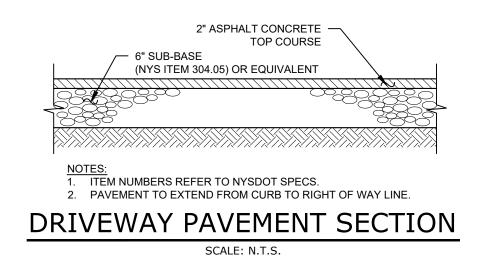
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### STABILIZE ENTIRE PILE WITH VEGETATION OR COVER







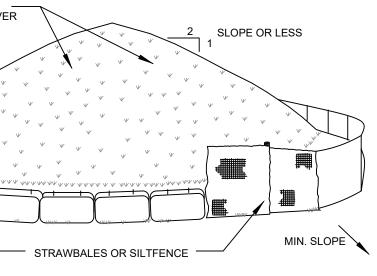


No.	DATE	DESCRIPTION

DRAWING STATUS
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR
CONCEPT APPROVAL
PLANNING BOARD APPROVAL
OCDOH REALTY SUBDIVISION APPROVAL
OCDOH WATERMAIN EXTENSION APPROVA
NYSDEC APPROVAL
NYSDOT APPROVAL
OTHER
FOR BID
FOR CONSTRUCTION
THIS PLAN SET HAS BEEN ISSUED SPECIFIC APPROVAL OR ACTION NOTED ABOVE AND FOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVAL ACCOMPANIED BY ALL SHEETS OF THE DEN

### SOIL STOCKPILING SCALE: N.T.S.

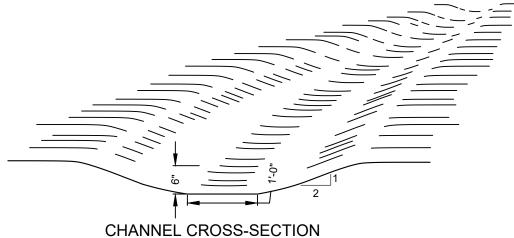
MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED A WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR



# **GRASSED SWALE**

SCALE: N.T.S.

- 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.
- 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
- 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
- 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



### EROSION AND SEDIMENTATION CONTROL NOTES

- 1. SITE DISTURBANCE SHALL BE LIMITED TO THE MINIMUM NECESSARY GRADING AND VEGETATION REMOVAL REQUIRED FOR CONSTRUCTION. 2. TEMPORARY EROSION CONTROL MEASURES, INCLUDING SILT FENCES AND/OR STRAW BALE DIKES, SEDIMENT BASIN, TEMPORARY DIVERSION SWALE DRAINAGE STRUCTURES, AND RIP-RAP PROTECTION SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE FOR GRADING AND CONSTRUCTION
- 3. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL FOLLOWING DISTURBANCE TO STABILIZE BARE SOIL AND PROMOTE THE PROMPT RE-ESTABLISHMENT OF VEGETATION:
- 3.1. AN ADEQUATE SEEDBED SHALL BE PREPARED BY SCARIFYING COMPACTED SOIL AND REMOVING SURFACE DEBRIS AND OBSTACLES. 3.2. LIME SHALL BE APPLIED SUFFICIENTLY TO ATTAIN A SOIL ACIDITY PH OF 6.0 TO 7.0. 3.3. FERTILIZER (5-10-10 MIXTURE OR EQUIVALENT) SHALL BE APPLIED PER SOIL TEST RESULTS OR AT
- A RATE OF 600 LBS. PER ACRE. 3.4. DISTURBED AREAS WHICH WILL REMAIN TEMPORARILY FALLOW FOR PERIODS GREATER THAN 30 DAYS SHALL BE SEEDED AT THE FOLLOWING RATE TO PRODUCE TEMPORARY GROUND COVER: 30 LBS. RYEGRASS (ANNUAL OR PERENNIAL) PER ACRE. DURING THE WINTER, USE 100 LBS. CERTIFIED "AROOSTOOK" WINTER RYE (CEREAL RYE) PER ACRE.
- 3.5. PERMANENT SEEDING SHALL BE APPLIED ON 4" MIN TOPSOIL AT THE FOLLOWING RATE: 8 LBS EMPIRE BIRDSFOOT TREFOIL OR COMMON WHITE CLOVER PER ACRE PLUS 20 LBS TALL FESCUE PER ACRE <u>PLUS</u> 2 LBS REDTOP OR 5 LBS RYEGRASS (PERENNIAL) PER ACRE
- 3.6. ALL SEEDING SHALL BE PERFORMED USING THE BROADCAST METHOD OR HYDROSEEDING, UNLESS OTHERWISE APPROVED.
- 3.7. ALL DISTURBED AREAS SHALL BE STABILIZED SUBSEQUENT TO SEEDING BY APPLYING 2 TONS OF STRAW MULCH PER ACRE. STRAW MULCH SHALL BE ANCHORED BY APPLYING 750 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.
- 4. 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. 5. 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.
- 6. ALL STORM INLETS TO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION. . SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN
- SUFFICIENT QUANTITIES. 8. 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. 9. STABILIZATION OF STEEP SLOPES SHALL BE ACHIEVED BY APPLYING LIME AND FERTILIZER AS
- SPECIFIED ABOVE AND SEEDING WITH THE FOLLOWING MIXTURE: LBS./ACRE ERENNIAL RYE GRASS
- CROWN VETCH SPREADING FESCUE
- 10. OPTIMUM SEEDING PERIODS ARE 3/15-6/1 AND 8/1-10/15. 11. ALL UPSTREAM SITE WORK AND STABILIZATION SHALL OCCUR BEFORE CONNECTING UNDERGROUND DETENTION/INFILTRATION FACILITY TO PREVENT ANY ERODED SEDIMENTS FROM ENTERING
- UNDERGROUND FACILITY. 12. IN ACCORDANCE WITH THE NYSDEC SPDES GP 0-20-001, THERE SHALL BE NO MORE THAN 5 ACRES DISTURBED AT ANYONE TIME.

## EARTHWORK CONSTRUCTION NOTES

- 1. ALL WORK TO BE PERFORMED TO THE SPECIFICATIONS OF THE TOWN OF CHESTER. 2. ALL TOPSOIL, ROOTS, STUMPS AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM ALL
- CONSTRUCTION AREAS. 3. ALL FILL FOR POND CONSTRUCTION, BELOW BUILDINGS AND PAVEMENT TO BE COMPACTED TO 95% OF
- MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557. 4. CELLAR, ROOF AND FOOTING DRAINS SHALL CONNECT TO THE STORM DRAINAGE SYSTEM OR OTHER
- FREE-FLOWING OUTLET AT A MINIMUM SLOPE OF 0.5%. FOOTING DRAIN SHALL BE INSTALLED BENEATH BOTTOM OF FOOTING.
- 5. COMPLETION OF GRADING AND BASIN, BERMS AFTER OCTOBER 15 SHALL REQUIRE MULCHING AND ANCHORING IN ACCORDANCE WITH NOTES ENTITLED "SEDIMENTATION EROSION CONTROL".
- 6. ALL SLOPES IN EXCESS OF 3H:1V SHALL BE CONSTRUCTED WITH LOCALLY AVAILABLE GLACIAL TILL. THE EMBANKMENT FILL SHALL BE PLACED IN SIX-INCHTHICK LIFTS. EACH LIFT SHALL BE PLACED AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557. 7. CONSTRUCT POND EMBANKMENT WITH LOCALLY AVAILABLE GLACIAL TILL WITH 3H:1V SIDE SLOPES OR AS NOTED ON PLAN. THE EMBANKMENT FILL SHALL BE PLACED IN A SIX-INCH THICK CONTINUOUS LAYER OVER
- THE ENTIRE LENGTH.EACH LIFT SHALL BE PLACED AT OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557. 8. STABILIZATION OF POND BERMS, AND ALL SLOPES IN EXCESS OF 3H:1V IN ACCORDANCE WITH "EROSION AND SEDIMENTATION CONTROL NOTES".
- 9. ALL POND OUTLETS SHALL HAVE SEEPAGE CONTROL COLLARS PLACED AT 1/3 AND 2/3 THE WIDTH OF THE EMBANKMENT. 10. SOIL RESTORATION SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL REMAIN AS PERVIOUS
- SURFACES. SOIL RESTORATION SHALL CONSIST OF THE FOLLOWING: 10.A. APPLY 3 INCHES OF COMPOST OVER SUBSOIL 10.B. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER.
- TRACTOR MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUB-SOILS. 10.C. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE.
- 10.D. APPLY TOPSOIL TO A DEPTH OF 6 INCHES.

## SEQUENCE OF CONSTRUCTION ACTIVITY

- 1. PRE-CONSTRUCTION: NOTIFY APPROPRIATE MUNICIPAL AND UTILITY OFFICIALS 3 DAYS PRIOR TO START OF CONSTRUCTION. 2. CONSTRUCTION STAGING: STAKE OUT LIMIT OF DISTURBANCE. INSTALL SILT
- FENCE DOWNHILL OF PROPOSED CONSTRUCTION. INSTALL ORANGE CONSTRUCTION FENCING ALONG THE LIMITS OF DISTURBANCE. INSTALL STABILIZED CONSTRUCTION ENTRANCE(S). INSTALL PERMANENT / TEMPORARY
- GRASSED SWALES. 3. CLEARING AND GRUBBING: REMOVE VEGETATION FROM AREA OF CONSTRUCTION. STRIP TOPSOIL AND STOCKPILE IN AREAS SHOWN ON THE PLAN. INSTALL SEDIMENT SEDIMENT BARRIERS AROUND AND ESTABLISH
- TEMPORARY VEGETATION ON TOPSOIL STOCKPILES. 4. ROUGH GRADING: CUT AND FILL SITE TO APPROXIMATE ELEVATIONS SHOWN ON THE PLAN. IMPLEMENT DUST CONTROL MEASURES AS NECESSARY. ESTABLISH PERMANENT STABLIZATION IN AREAS THAT ARE COMPLETE. ESTABLISH TEMPORARY STABLIZATION ON AREAS THAT WILL BE GRADED AGAIN
- MORE THAN 21 DAYS FROM LAST DISTURBANCE. 5. DRIVEWAY / BUILDING CONSTRUCTION AND UTILITY INSTALLATION: FINAL GRADING AND CONSTRUCTION OF DRIVEWAYS. BUILDING EXCAVATION AND CONSTRUCTION. INSTALL UTILITIES. ENSURE ALL EROSION CONTROL
- MEASURES ARE IN WORKING ORDER. 6. FINAL GRADING AND LANDSCAPING: 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.
- 7. POST CONSTRUCTION: UPON STABILIZATION OF THE SITE AND ESTABLISHMENT OF ALL VEGETATION COVER, REMOVE ALL REMAINING TEMPORARY EROSION CONTROL MEASURES SUCH AS SILT FENCE. REMOVE ALL SILT AND DEBRIS FROM THE SITE INCLUDING ROADWAYS, CATCH BASINS AND STORM DRAINS.

ONTGOMERY OFFICE
71 CLINTON STREET
ONTGOMERY, NY 12549
Ph: (845) 457-7727
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LDINGS LLC E WAY
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