

**OVERLAY DISTRICTS:**

RIDGE PRESERVATION OVERLAY DISTRICT

**ZONE: AR-.3** AGRICULTURAL RESIDENTIAL  
REQUIRED

MINIMUM LOT AREA.....	3 ACRES
MINIMUM LOT WIDTH.....	250 FT.
MINIMUM FRONT YARD.....	100 FT.
MINIMUM SIDE YARD.....	40 FT.
MINIMUM BOTH SIDE YARD.....	100 FT.
MINIMUM REAR YARD.....	100 FT.
MAXIMUM LOT COVERAGE.....	10 %
MAXIMUM BUILDING HEIGHT.....	35 FT.

**OWNER & APPLICANT:**

NMC3, LLC  
SUGAR LOAF BY-PASS  
CHESTER, NY 10918

**NOTES:**

- TAX MAP DESIGNATION: TOWN OF CHESTER SECTION 13 BLOCK 1 LOT 41.22 & 39
- WATER SUPPLY: PRIVATE WELL
- SEWAGE DISPOSAL: PRIVATE SUBSURFACE
- FEDERAL WETLANDS FLAGGED BY ROBERT G. TORGERSEN, L.A. CPESC, AND FIELD LOCATED ON FEBRUARY 2, 2020 BY JAMES A. DILLIN, PLS.

**DRAWING INDEX**

- SUBDIVISION PLAN
- OVERALL SITE PLAN
- SITE PLAN LOTS 1, 2, 3 & 4
- SITE PLAN LOTS 5, 6 & 7
- SDS DETAILS
- SOIL TESTS & EROSION CONTROL DETAILS
- COUNTY ENTRANCE PLAN

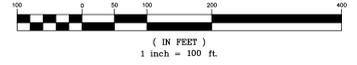


SUBDIVISION OF PROPERTY FOR  
**NMC3, LLC.**

TOWN OF CHESTER SCALE: 1"=100' ORANGE COUNTY, N.Y. TOTAL AREA= 72.611 ACRES

JULY 20, 2020  
REVISED: NOVEMBER 19, 2020

**GRAPHIC SCALE**



I HEREBY CERTIFY THAT THIS MAP SHOWS THE RESULT OF AN ACTUAL FIELD SURVEY COMPLETED ON MARCH 24, 2020.



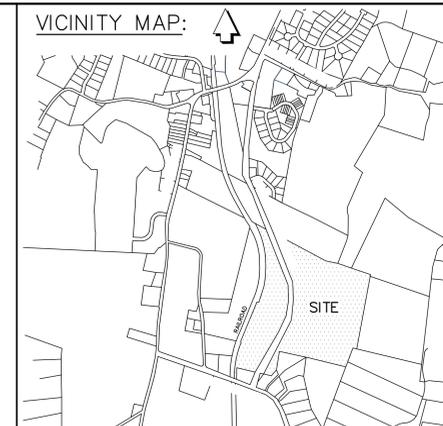
TOWN OF CHESTER APPROVAL BOX

APPROVED FOR FILING

OWNER	DATE
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**COUNTY HIGHWAY ENTRANCE DESIGN**

NOTE: NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.



**AREA OF DISTURBANCE**

LOT #1 = 0.60± ACRES
LOT #2 = 0.59± ACRES
LOT #3 = 0.46± ACRES
LOT #4 = 0.60± ACRES
LOT #5 = 0.74± ACRES
LOT #6 = 0.97± ACRES
LOT #7 = 0.65± ACRES
<b>TOTAL DISTURBANCE AREA = 4.61± ACRES</b>

**OVERLAY DISTRICTS:**

RIDGE PRESERVATION OVERLAY DISTRICT

**ZONE: AR-.3 AGRICULTURAL RESIDENTIAL**

REQUIRED	
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MAXIMUM BUILDING HEIGHT.....	35 FT.

**OWNER & APPLICANT:**

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SUGAR LOAF BY-PASS  
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- SIS DETAILS
- SOIL TESTS & EROSION CONTROL DETAILS
- COUNTY ENTRANCE PLAN



OVERALL SITE PLAN FOR NMC3, LLC.

TOWN OF CHESTER SCALE: 1"=100' ORANGE COUNTY, N.Y. TOTAL AREA= 72.611 ACRES

JULY 20, 2020  
REVISED : NOVEMBER 19, 2020

**GRAPHIC SCALE**



( IN FEET )  
1 inch = 100 ft.

I HEREBY CERTIFY THAT THIS MAP SHOWS THE RESULT OF AN ACTUAL FIELD SURVEY COMPLETED ON MARCH 24, 2020.

**COUNTY HIGHWAY ENTRANCE DESIGN**

NOTE: NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

STATE OF NEW YORK  
JAMES A. DILLIN, PLS.  
PROFESSIONAL LAND SURVEYOR  
GOSHEN, NEW YORK

STATE OF NEW YORK  
JOSEPH W. GOTTLIEB, P.E., P.C.  
REGISTERED PROFESSIONAL ENGINEER  
MONTEICELLO, NEW YORK 12701

(845) 794-5506

STATE OF NEW YORK  
L.C. 49087  
L.14576 P.183



**LEGEND**

SYMBOL	DESCRIPTION
○	PROPOSED WELL
□	PROPOSED SEPTIC TANK
□	PROPOSED DISTRIBUTION BOX
—	FLARED END SECTION
—	PROPOSED DRAINAGE PIPE
○	PERCOLATION TEST
□	DEEP TEST
—	SURFACE WATER SWALE
—	EXISTING CONTOURS
—	PROPOSED CONTOURS
—	SILT FENCE
—	DISTURBANCE LINE

**OVERLAY DISTRICTS:**

RIDGE PRESERVATION OVERLAY DISTRICT

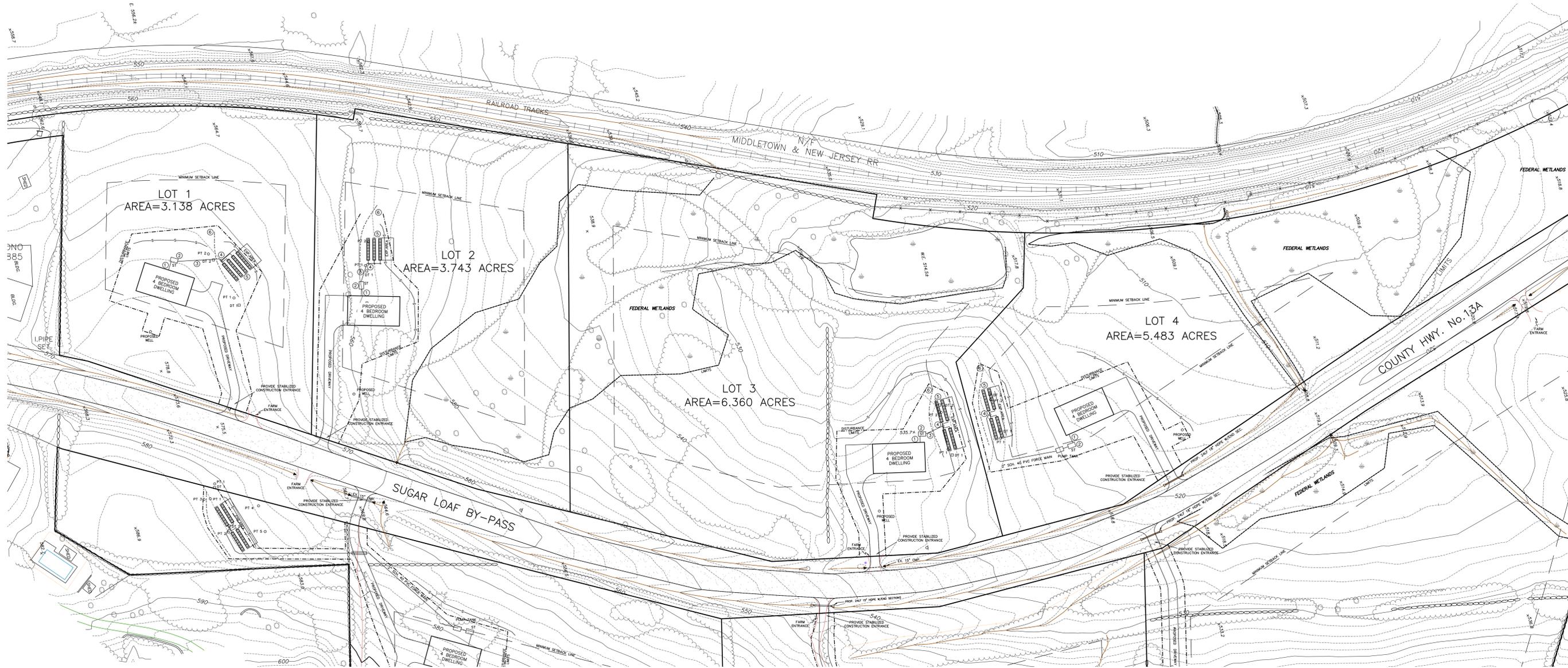
**ZONE: AR-3**

AGRICULTURAL RESIDENTIAL

REQUIRED

SUPPLIED

		LOT 1	LOT 2	LOT 3	LOT 4
MINIMUM LOT AREA.....	3 ACRES	3,138 ACS.	3,743 ACS.	6,360 ACS.	5,483 ACS.
MINIMUM LOT WIDTH.....	250 FT.	354.4 FT.	361.3 FT.	567.1 FT.	1050.0 FT.
MINIMUM FRONT YARD.....	100 FT.	111.9 FT.	156.0 FT.	110.8 FT.	109.7 FT.
MINIMUM SIDE YARD.....	40 FT.	101.2 FT.	45.8 FT.	68.8 FT.	111.1 FT.
MINIMUM BOTH SIDE YARD.....	100 FT.	261.5 FT.	273.4 FT.	475.1 FT.	980.1 FT.
MINIMUM REAR YARD.....	100 FT.	211.3 FT.	241.5 FT.	292.0 FT.	215.3 FT.
MAXIMUM LOT COVERAGE.....	10 %	<	<	<	<
MAXIMUM BUILDING HEIGHT.....	35 FT.	< 35'	< 35'	< 35'	< 35'



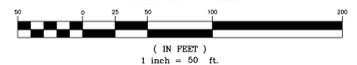
SITE PLAN LEGEND	
PT 1 ○	PERCOLATION TEST
DT 1 □	DEEP TEST PIT
①	4" SCH. 40 PVC @ 1/4" PER FT. MIN.
②	1250 GALLON CONCRETE SEPTIC TANK
③	4" SCH. 40 PVC @ 1/8" PER FT. MIN.
④	DISTRIBUTION DEVICE
⑤	ABSORPTION TRENCHES
⑥	SURFACE WATER DIVERSION SWALE

SITE PLAN FOR  
**NMC3, LLC.**

TOWN OF CHESTER ORANGE COUNTY, N.Y.  
SCALE: 1"=50' TOTAL AREA= 72.611 ACRES

JULY 20, 2020  
REVISED: NOVEMBER 19, 2020

GRAPHIC SCALE



**COUNTY HIGHWAY ENTRANCE DESIGN**

NOTE: NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.




JOSEPH GOTTLIEB, P.E., P.C. (845) 794-5506  
 CONSULTING ENGINEER  
 P.O. BOX 76  
 MONTICELLO  
 NEW YORK 12701

JAMES A. DILLIN, PLS.  
 PROFESSIONAL LAND SURVEYOR  
 GOSHEN, NEW YORK  
 LIC. 49087



- GENERAL NOTES:
- IT IS INTENDED TO INSURE THAT NO SURFACE WATER WILL COLLECT ON THE COMPLETED SANITARY SYSTEM. THE CONTRACTOR SHALL RESTORE GRADING SURFACES TO MATCH OR BLEND INTO THE EXISTING GRADING SURFACES. ALL EXPOSED SURFACES SHALL BE RE-SEEDED AND MULCHED IMMEDIATELY AFTER FINAL GRADING.
  - THE CONTRACTOR SHALL MAKE SURE SIDES AND BOTTOM OF THE ABSORPTION TRENCH EXCAVATION BEFORE PLACING THE AGGREGATE. TRENCHES SHALL NOT BE INSTALLED IN WET SOILS.
  - ALL FIELD PIPING SHALL BE PVC.
  - NO FIELD PIPING OR CONSTRUCTION EQUIPMENT SHALL BE PERMITTED ON THE COMPLETED SANITARY SYSTEM EXCEPT DURING THE ACTUAL CONSTRUCTION OF THE SYSTEM. THERE SHALL BE NO SWIMMING POOLS, ACCESSORY SWIMMING POOLS, GREENS, ETC. LOCATED ABOVE THE SEWAGE DISPOSAL SYSTEM TRENCHES.
  - THE END OF ALL DISTRIBUTION PIPES MUST BE CAPPED.
  - MAINTAIN A 2% MINIMUM PIPE SLOPE BETWEEN THE SEPTIC TANK AND OUELING.
  - MAINTAIN MINIMUM SEPARATION DISTANCES AS FOLLOWS:
    - HOUSE AND SEPTIC TANK - 10 FT.
    - HOUSE AND ABSORPTION TRENCHES - 20 FT.
    - WELL AND ABSORPTION TRENCHES - 50 FT.
    - WELL AND ABSORPTION TRENCHES - 100 FT. IF WELL UPHILL.
    - 200 FT. IF WELL CORREL AND IN THE DIRECT PATH OF DRAINAGE.
  - ABSORPTION TRENCH EXCAVATION SHALL BE INSTALLED TO BE PARALLEL TO GROUND CONTOURS.
  - CELLAR, ROOF AND FOOTING DRAINS SHALL NOT DISCHARGE TO OR TOWARDS THE SEWAGE DISPOSAL SYSTEM.
  - SURFACE WATER OVERFLOW SHALL BE CONSTRUCTED AROUND THE SEWAGE DISPOSAL SYSTEM TO DRAIN SURFACE WATER.
  - IN ADDITION TO THE DATA SPECIFIED ON THIS PLAN SHEET, ALL CONSTRUCTION DETAILS SHALL CONFORM TO ANY LOCAL, STATE OR FEDERAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FROM THE APPROPRIATE AGENCIES. THE SEWAGE DISPOSAL SYSTEM SHOWN ON THIS PLAN HAS BEEN DESIGNED TO CURRENT NEW YORK STATE DEPARTMENT OF HEALTH STANDARDS.
  - SEWAGE DISPOSAL SYSTEMS SHALL NOT BE INSTALLED IN AREAS WITH GREATER THAN 1% SLOPE.
  - THIS OFFICE CANNOT BE RESPONSIBLE FOR THE CONSTRUCTION OF A SEWAGE DISPOSAL SYSTEM UNLESS IT IS INVOLVED IN THE CONSTRUCTION SUPERVISION OF THE SAME. OUR WORK MEETS THE STATED REQUIREMENTS AND RESPECTIVE CODES FOR OBTAINING APPROVAL FROM THE APPROPRIATE AGENCIES. THE SEWAGE DISPOSAL SYSTEM SHOWN ON THIS PLAN HAS BEEN DESIGNED TO CURRENT NEW YORK STATE DEPARTMENT OF HEALTH STANDARDS.
  - A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY, ANY WATER TREATMENT AND SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION PRIOR TO SIGNING OFF THE HOUSE. THE ENGINEER SHALL CONFORM TO THE LOCAL CODE REQUIREMENTS. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FROM THE APPROPRIATE AGENCIES. THE SEWAGE DISPOSAL SYSTEM SHOWN ON THIS PLAN HAS BEEN DESIGNED TO CURRENT NEW YORK STATE DEPARTMENT OF HEALTH STANDARDS.
  - SEWAGE DISPOSAL SYSTEMS WERE NOT DESIGNED TO ACCOMMODATE GARAGE DRAINERS. JACOZZI TYPE DRAIN TUBES OVER 100 GALLONS OR WATER CONDENSERS AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOMMODATE THEM AND RE-APPROVED BY THE TOWN OF CHESTER.
  - HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNLACK COMPACT THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
  - THE ABSORPTION FIELD LOCATION, OR THE SEWAGE DISPOSAL SYSTEM DESIGN, ARE NOT TO BE CHANGED.
  - THE PROPOSED SEWAGE DISPOSAL SHOWN HEREIN IS DESIGNED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF HEALTH FOR RESIDENTIAL LOTS. THE DESIGN IS BASED UPON ACTUAL SOIL AND SITE CONDITIONS FOUND UPON THE LOT AT THE DESIGN LOCATION AT THE TIME OF THE DESIGN.
  - NO SWIMMING POOLS, DRIVEWAYS OR OTHER STRUCTURES THAT MAY COMPACT THE SOILS SHALL BE LOCATED OVER ANY PORTION OF THE SEWAGE DISPOSAL SYSTEM ABSORPTION FIELD.
  - THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK TO THE HOUSE (OR ANY PUMP CHAMBER) ALONGING SEPTIC LINES TO DISCHARGE THROUGH THE SEPTIC TANK.
  - THERE SHALL BE NO RE-GRADING EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELDS.

**SEWAGE DISPOSAL SYSTEM SPECIFICATIONS**

**PRECAST CONCRETE SEPTIC TANK**

CONTRACTOR SHALL INSTALL PRECAST REINFORCED CONCRETE SEPTIC TANK CONFORMING TO THE TYPE, SIZE AND DIMENSIONS SPECIFIED ON THE DRAWINGS, AS MANUFACTURED BY "WOODARD'S CONCRETE PRODUCTS, INC." OR APPROVED EQUAL.

CONCRETE MIN. STRENGTH = 4,000 PSI @ 28 DAYS

REINFORCEMENT - #6@18" MIN. #4 REBAR

AN ENTRANCE - SEE NOTE 6

CONSTRUCTION JOINT - BUTL, NUMBER BASE CEMENT

PIPE CONNECTION - POLYLOK SEAL (PATENTED)

**DISTRIBUTION DEVICES**

DISTRIBUTION DEVICES SHALL BE PRECAST REINFORCED CONCRETE CONFORMING TO THE TYPE, SIZE AND DIMENSIONS SPECIFIED ON THE DRAWINGS, AS MANUFACTURED BY "WOODARD'S CONCRETE PRODUCTS, INC." OR APPROVED EQUAL.

BAFFLES AND FLOW LEVELING DEVICES SHALL BE INSTALLED.

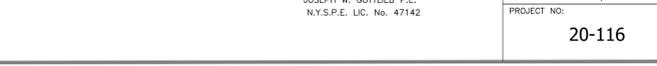
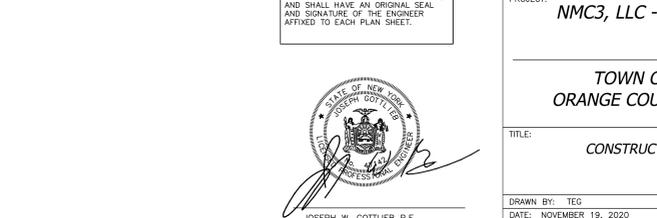
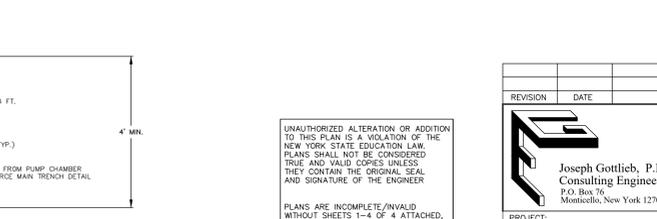
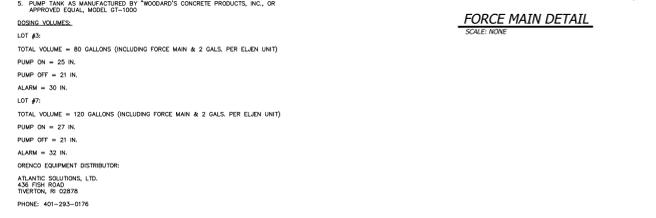
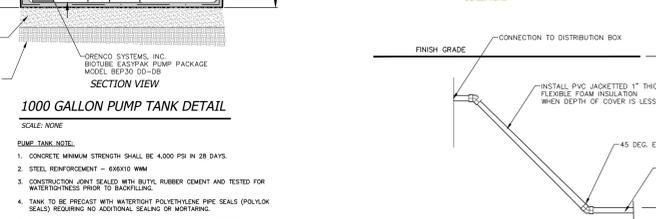
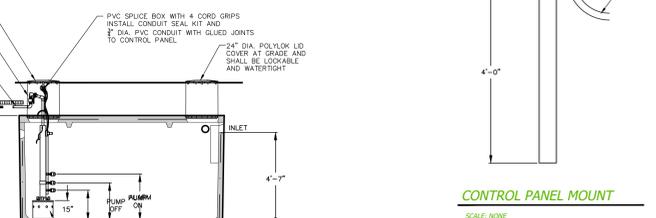
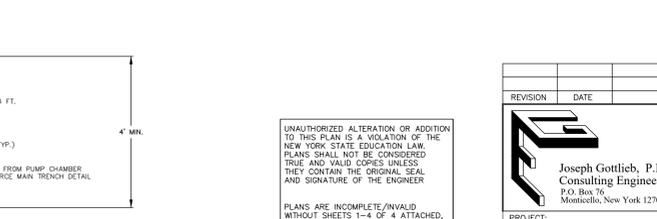
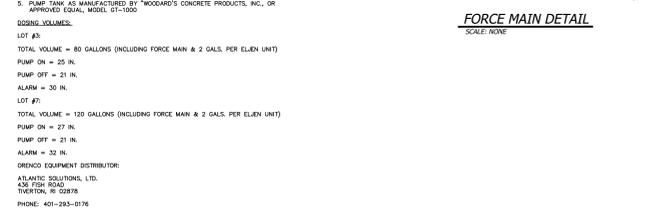
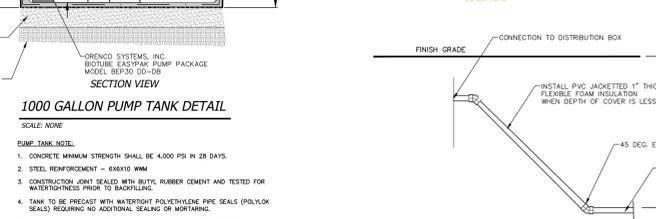
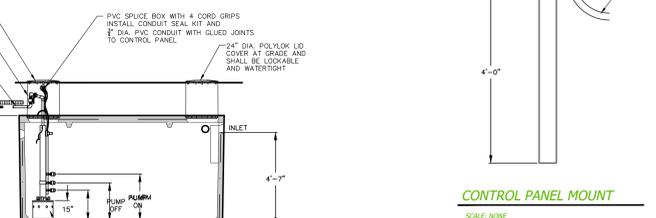
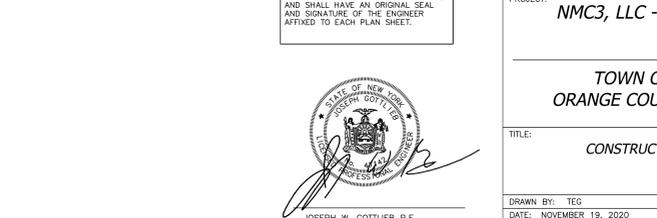
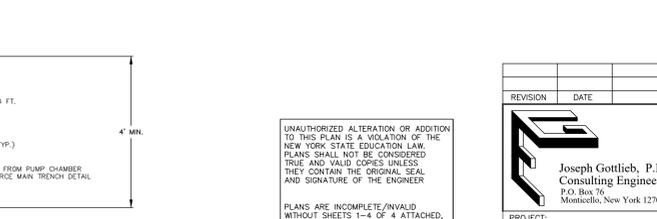
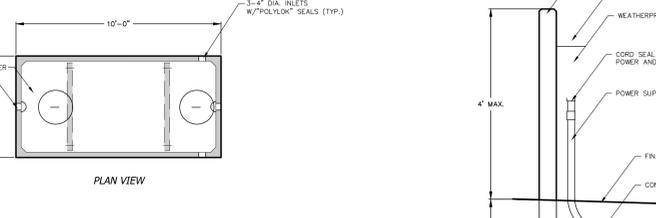
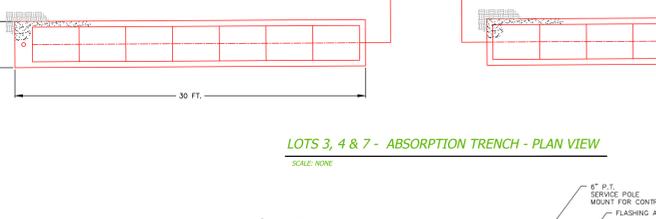
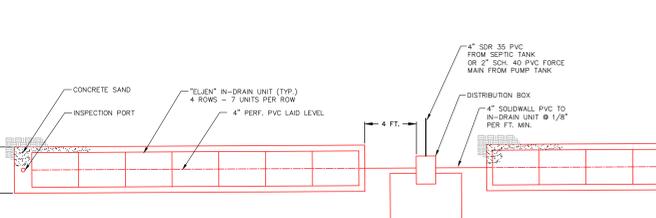
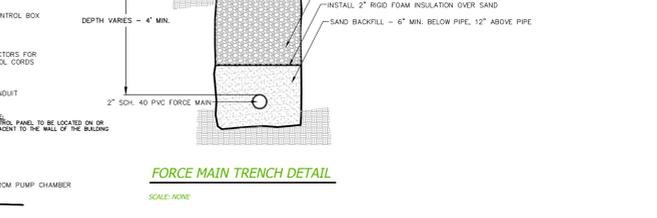
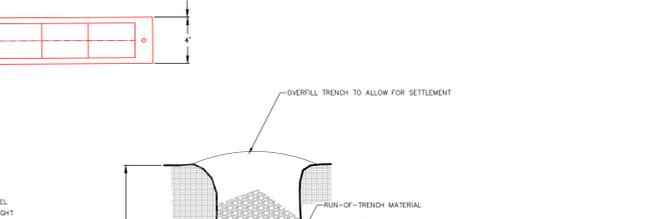
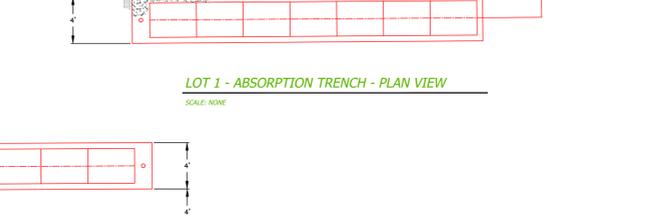
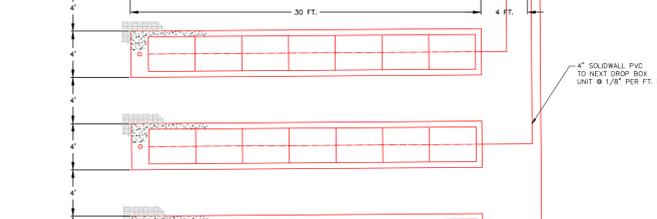
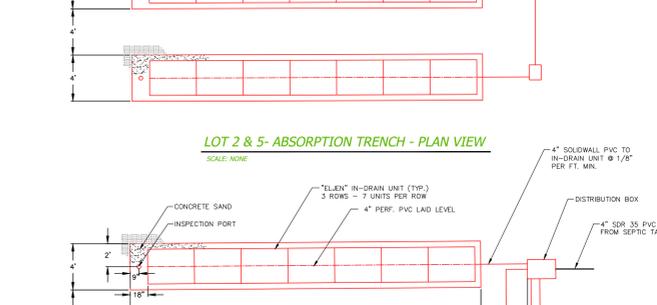
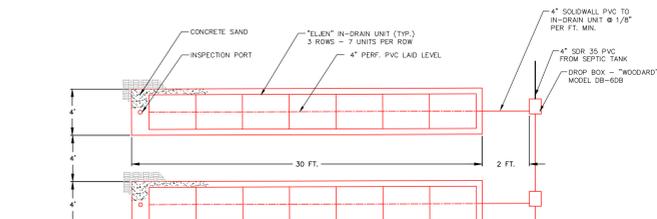
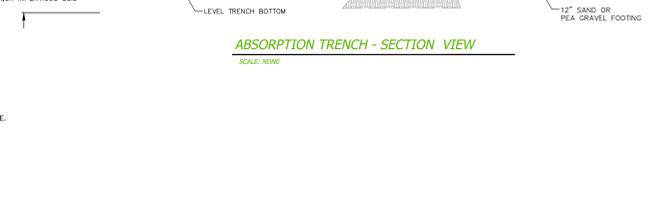
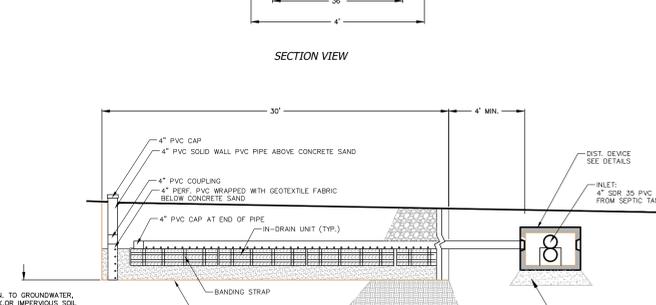
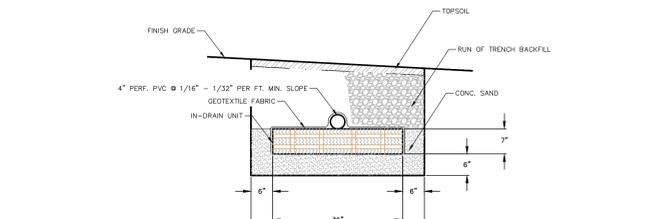
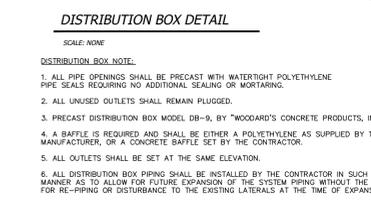
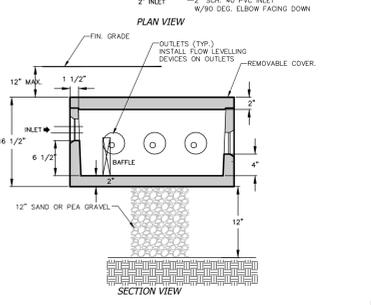
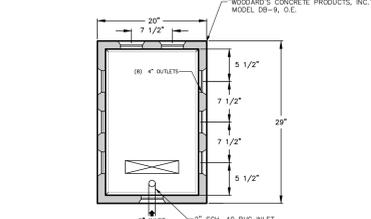
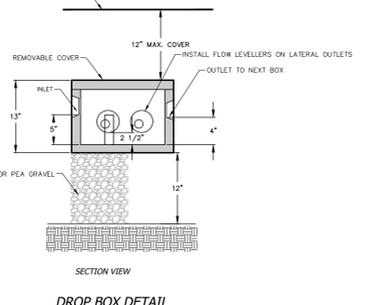
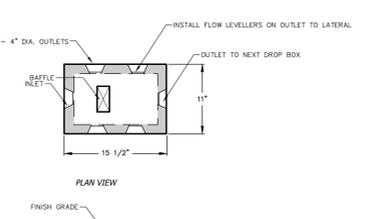
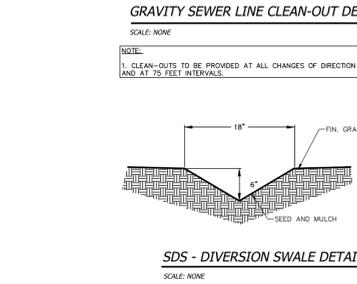
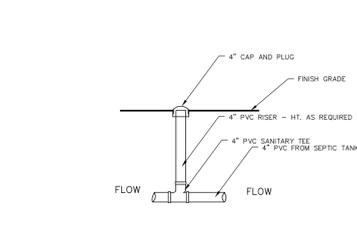
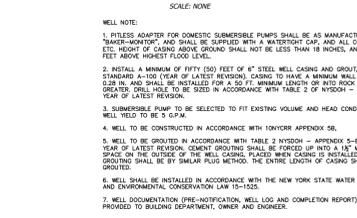
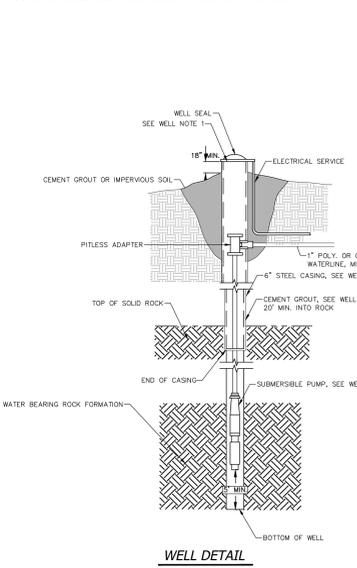
**PIPE AND FITTINGS**

PIPING BETWEEN SEPTIC TANK AND INTERIOR PLUMBING SHALL BE SCHEDULE 80 PVC.

PIPING BETWEEN SEPTIC TANK AND DISTRIBUTION DEVICES SHALL BE SDR 40 OR SDR 35 PVC.

NOTE: THIN-WALLED SDR 35 PVC SHALL NOT BE USED.

PIPING IN ABSORPTION TRENCHES SHALL BE CO-EXTRUDED SMOOTH WALL PVC SEWER AND DRAIN PIPE (PERFORATED AND SMOOTH WALL) AS MANUFACTURED BY "HANCHOR", OR APPROVED EQUAL.



UNAUTHORIZED ALTERATION OR ADDITION TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW. PLANS SHALL NOT BE CONSIDERED TRUE AND VALID COPIES UNLESS THEY CONTAIN THE ORIGINAL SEAL AND SIGNATURE OF THE ENGINEER.

PLANS ARE INCOMPLETE/INVALID WITHOUT SHEETS 1-4 OF 4 ATTACHED, AND SHALL HAVE AN ORIGINAL SEAL AND SIGNATURE OF THE ENGINEER AFFIXED TO EACH PLAN SHEET.

JOSEPH W. GOTTIEB P.E.  
N.Y.S.P.E. LIC. No. 47142

REVISION	DATE	DESCRIPTION

PROJECT: **NMC3, LLC - SUBDIVISION**

**TOWN OF CHESTER  
ORANGE COUNTY, NEW YORK**

TITLE: **CONSTRUCTION DETAILS**

DRAWN BY: TEC      CHECKED BY: JWG  
DATE: NOVEMBER 19, 2020      SCALE: AS SHOWN  
PROJECT NO:      DRAWING NO:

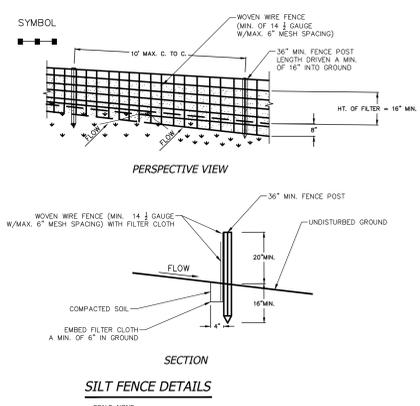
20-116      5 of 7

SOILS PERCOLATION TESTS				
LOT & TEST NO.	RUN #	DEPTH (IN.)	TOTAL TIME (MIN./SEC.)	STABILIZED RATE (MIN./SEC.)
PT 1-1	1	24	3:20	
	2		4:00	
	3		4:20	4:20
	4			
PT 1-2	1	24	9:28	
	2		12:01	
	3		13:42	
	4		14:39	14:39
PT 2-1	1	24	7:10	
	2		8:06	
	3		8:40	8:40
	4			
PT 2-2	1	24	5:11	
	2		6:37	
	3		7:29	7:29
	4			
PT 3-1	1	24	0:04	
	2		0:18	
	3			
	4			
PT 3-2	1	24	6:00	
	2		7:10	
	3		7:50	7:50
	4			
PT 4-1	1	24	2:08	
	2		2:29	
	3		2:40	2:40
	4			
PT 4-2	1	24	2:03	
	2		2:40	
	3		2:55	2:55
	4			
PT 5-1	1	24	1:02	
	2		1:40	
	3		2:09	2:09
	4			
PT 5-2	1	24	1:06	
	2		1:33	
	3		1:51	1:51
	4			
PT 7-1	1	24	1:30	
	2		1:36	
	3		1:47	1:47
	4			
PT 7-2	1	24	6:37	
	2		7:46	
	3		8:15	8:15
	4			

SOILS TESTS - DEEP TESTS											
TEST PIT 1-1	TEST PIT 1-2	TEST PIT 2-1	TEST PIT 2-2	TEST PIT 3-1	TEST PIT 3-2	TEST PIT 4-1	TEST PIT 4-2	TEST PIT 5-1	TEST PIT 5-2	TEST PIT 7-1	TEST PIT 7-2
5/15/2020	5/15/2020	5/15/2020	5/15/2020	5/15/2020	5/15/2020	5/15/2020	5/15/2020	5/15/2020	5/15/2020	5/15/2020	5/15/2020
8" TOPSOIL 8"-36" SANDY LOAM 36"-84" SANDY CLAY LOAM W/ROCKS NO GROUNDWATER, BEDROCK OR MOTTLING	8" TOPSOIL 8"-36" SANDY LOAM 36"-84" SANDY CLAY LOAM W/ROCKS NO GROUNDWATER, BEDROCK OR MOTTLING	8" TOPSOIL 8"-42" SANDY LOAM 42"-84" CLAY LOAM W/STONES NO GROUNDWATER, BEDROCK OR MOTTLING @ 60"	8" TOPSOIL 8"-42" SANDY LOAM 42"-84" CLAY LOAM W/STONES NO GROUNDWATER, BEDROCK OR MOTTLING @ 60"	0-84" SAND & R.O.B. NO GROUNDWATER, MOTTLING OR BEDROCK	0-90" SAND & R.O.B. NO GROUNDWATER, MOTTLING OR BEDROCK	0-36" SANDY LOAM 36"-78" SAND & R.O.B. NO GRAVELS NO GROUNDWATER, MOTTLING OR BEDROCK	14" TOPSOIL 14"-24" YELLOW LOAM 24"-48" W/STONES 48"-78" CLAY LOAM W/STONES NO GROUNDWATER, MOTTLING OR BEDROCK	10" TOPSOIL 10"-18" YELLOW LOAM 18"-36" CLAY LOAM W/STONES NO GROUNDWATER, MOTTLING OR BEDROCK	10" TOPSOIL 10"-18" YELLOW LOAM 18"-36" CLAY LOAM W/STONES NO GROUNDWATER, MOTTLING OR BEDROCK	12" TOPSOIL 12"-36" CLAY LOAM 36"-72" CLAY LOAM W/STONES NO GROUNDWATER, MOTTLING OR BEDROCK	12" TOPSOIL 12"-36" CLAY LOAM 36"-72" CLAY LOAM W/STONES NO GROUNDWATER, MOTTLING OR BEDROCK

NOTE:  
1. TEST PITS LISTED AS "A" WERE CONDUCTED BY A REPRESENTATIVE OF JOSEPH GOTTLIEB PE PC ON THE DATE NOTED.

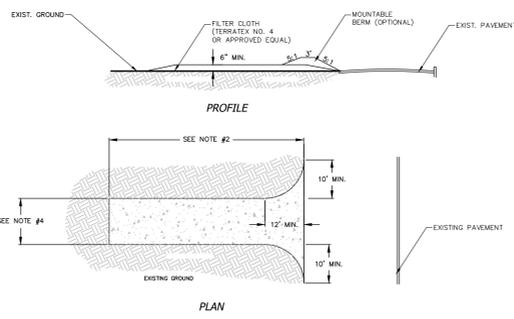
SEWAGE DISPOSAL SYSTEM DESIGN TABLE						
LOT NO.	STABILIZED PERCOLATION RATE (MIN./IN.)	ABSORPTION SYSTEM REQUIREMENTS	SEPTIC TANK FOUR BEDROOMS	PUMP TANK FOUR BEDROOMS	ABSORPTION SYSTEM REQUIREMENTS THREE BEDROOMS	SEPTIC TANK THREE BEDROOMS
1	16-20 MIN./IN.	28 ELIEN IN-DRAIN UNITS 4 LATERALS W/7 UNITS PER LATERAL	1250 GALLON		21 ELIEN IN-DRAIN UNITS 3 LATERALS W/7 UNITS PER LATERAL	1000 GALLON
2	8-10 MIN./IN.	21 ELIEN IN-DRAIN UNITS 3 LATERALS W/6 UNITS PER LATERAL	1250 GALLON		18 ELIEN IN-DRAIN UNITS 3 LATERALS W/6 UNITS PER LATERAL	1000 GALLON
3	8-10 MIN./IN.	28 ELIEN IN-DRAIN UNITS 4 LATERALS W/7 UNITS PER LATERAL	1250 GALLON	1000 GALLON	18 ELIEN IN-DRAIN UNITS 3 LATERALS W/6 UNITS PER LATERAL	1000 GALLON
4	6-7 MIN./IN.	28 ELIEN IN-DRAIN UNITS 4 LATERALS W/7 UNITS PER LATERAL	1250 GALLON	1000 GALLON	14 ELIEN IN-DRAIN UNITS 2 LATERALS W/7 UNITS PER LATERAL	1000 GALLON
5	6-7 MIN./IN.	21 ELIEN IN-DRAIN UNITS 3 LATERALS W/7 UNITS PER LATERAL	1250 GALLON		14 ELIEN IN-DRAIN UNITS 2 LATERALS W/7 UNITS PER LATERAL	1000 GALLON
7	8-10 MIN./IN.	28 ELIEN IN-DRAIN UNITS 4 LATERALS W/7 UNITS PER LATERAL	1250 GALLON	1000 GALLON	14 ELIEN IN-DRAIN UNITS 2 LATERALS W/7 UNITS PER LATERAL	1000 GALLON



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE  
 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POST WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "1" OR "1/2" TYPE OR HARDWOOD.  
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID-SECTION. FENCE SHALL BE WOVEN WIRE, 1/2 GAUGE, 4" MAXIMUM MESH OPENING.  
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, WEAR TEX, STABILINA TIX, OR APPROVED EQUIVALENT.  
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.  
 5. PRE-FABRICATED UNIT: GEOFAB, ENVROFENCE, OR APPROVED EQUAL.  
 POSTS: STEEL - EITHER 1" OR 1/2" U TYPE, OR 2" HARDWOOD  
 FENCE: WOVEN WIRE, 1/2 GA., 4" MAX. MESH OPENING  
 FILTER CLOTH: FILTER X, WEAR TEX, STABILINA TIX, OR APPROVED EQUAL  
 PRE-FABRICATED UNIT: GEOFAB, ENVROFENCE, OR APPROVED EQUAL

LANDGRADING SPECIFICATIONS  
 1. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION UNTIL THEY ARE PERMANENTLY STABILIZED.  
 2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS"  
 3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN THE AMOUNT NECESSARY TO COMPLETE THE FINISHED GRADING OF ALL EXPOSED AREAS.  
 4. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIALS.  
 5. AREAS WHICH ARE TO BE TOPSOILED SHALL BE STRIPPED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.  
 6. ALL FILLS SHALL BE PLACED AND COMPACTED AS REQUIRED TO REDUCE EROSION, SEPARATE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILLS INTENDED TO SUPPORT BUILDINGS, STRUCTURES, AND ROADWAYS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.  
 7. ALL FILLS SHALL BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.  
 8. FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOIL OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.  
 9. FROZEN MATERIALS OR SOFT, MUDDY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.  
 10. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.  
 11. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.  
 12. STEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.  
 13. ALL GRAZED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY AFTER FINISHED GRADING.

SEQUENCE OF MAJOR ACTIVITIES:  
 1- INSTALL THE STABILIZED CONSTRUCTION ENTRANCES.  
 2- PERFORM LIMITED CLEARING AND GRUBBING ACTIVITIES.  
 3- PRIOR TO GRADING PHASE, EROSION AND SEDIMENT CONTROL MEASURES INCLUDING TEMPORARY SILT FENCES, DRAINAGE DIVERSION SWALES (IF REQUIRED), SEDIMENT TRAPS (IF REQUIRED) WILL BE INSTALLED.  
 4- FOLLOWING THE GRUBBING ACTIVITIES, SITE WORK WILL COMMENCE WHICH WILL BE PRECEDED BY A REINSTALLATION, REPLACEMENT AND EXPANSION OF EROSION AND SEDIMENT CONTROL MEASURES AS PER THE EROSION CONTROL PLAN FOR THIS PROJECT.  
 5- CONSTRUCTION OF ALL ROADS AND UTILITIES SHALL PROCEED FROM DOWNSTREAM TO UPSTREAM.  
 6- AS CONSTRUCTION PROCEEDS, ALL DISTURBED AREAS SHALL BE PAVED, SEED, SOODED, OR PLANTED TO PREVENT UNNECESSARY EROSION.  
 7- ONCE ALL DISTURBED AREAS HAVE BEEN PROPERLY STABILIZED, ANY TEMPORARY CONTROL MEASURES SHALL BE REMOVED.  
 8- CONSTRUCTION OPERATION SHALL BE SCHEDULED TO MINIMIZE THE AMOUNT OF AREA DISTURBED AT ONE TIME.  
 EROSION AND SEDIMENTATION CONTROL NOTES:  
 1. MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL FACILITIES IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. FACILITIES SHALL BE INSPECTED AFTER EVERY RAINFALL EVENT, BUT NOT LESS THAN ONCE A WEEK, AND IMMEDIATELY RESTORED WHERE NECESSARY, AND AS FOLLOWS:  
 A) DISTURBED AREAS ARE TO BE RE-SEED, IF NECESSARY.  
 B) SILT FENCE SHALL BE CLEANED AND/OR REPLACED, IF NECESSARY.  
 2. UPON COMPLETION OF TEMPORARY CESSATION OF THE EARTH DISTURBANCE ACTIVITY, OR ANY STAGE THEREOF, THE PROJECT SITE SHALL BE IMMEDIATELY STABILIZED. DURING PERIODS OF NON-GERMINATION, MULCH WILL BE APPLIED.  
 3. THE CONTRACTOR IS RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL MEASURES AT ANY OFF-SITE SPILL AREAS.  
 4. THE CONTRACTOR SHALL REMOVE FROM THE SITE, RECYCLE OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH N.Y.S. SOLID WASTE MANAGEMENT REGULATIONS.  
 5. CONTRACTOR IS RESPONSIBLE FOR ALL DUST CONTROL DURING CONSTRUCTION.  
 6. TEMPORARY SEEDING WILL BE PLACED ON ALL DISTURBED AREAS REMAINING VACANT FOR MORE THAN 14 DAYS.  
 7. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND MAINTAINED ON A WEEKLY BASIS AND WITHIN 24 HOURS FOLLOWING A FROM EVENT OF 0.5 IN. OR MORE OF RAINFALL.



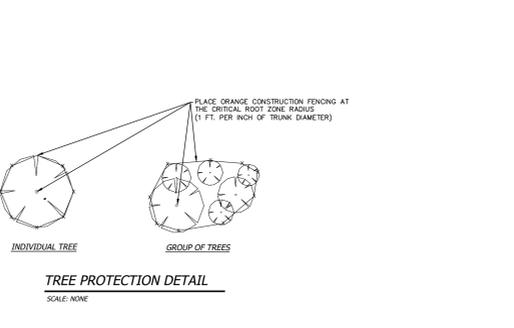
CONSTRUCTION SPECIFICATIONS:  
 1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.  
 2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FT. MIN. LENGTH WOULD APPLY).  
 3. THICKNESS - NOT LESS THAN SIX (6) INCHES.  
 4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.  
 5. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.  
 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BEAM WITH 5:1 SLOPES WILL BE PERMITTED.  
 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.  
 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE, AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.  
 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.  
 10. STABILIZED CONSTRUCTION ENTRANCES REQUIRED AT ALL DRIVEWAY ENTRANCES.

EROSION CONTROL VEGETATIVE REQUIREMENTS  
 SEEDING PREPARATION:  
 A. INSTALL NEEDED WATER AND EROSION CONTROL MEASURES AND BRING AREA TO BE SEED TO DESIRED GRADES USING A MINIMUM OF 4 INCHES OF TOPSOIL.  
 B. PREPARE SEEDBED BY LOOSENING SOIL TO A DEPTH OF 4 - 6 INCHES.  
 C. FERTILIZE AS PER SOIL TEST OR, IF FERTILIZER MUST BE APPLIED BEFORE SOIL TESTS RESULTS ARE RECEIVED, APPLY 500 POUNDS OF 5-10-10 OR EQUIVALENT PER ACRE (20 LBS./1,000 SQ. FT.)  
 D. INCORPORATE LIME AND FERTILIZER IN TOP 2 - 4 INCHES OF TOPSOIL.  
 E. REMOVE ALL STONES OVER 1 INCH IN DIAMETER, STICKS, AND FOREIGN MATTER FROM THE SURFACE FROM THE SEEDBED.  
 2) PLANTING - SUNNY LOCATIONS  
 USE A CULTIPACKER TYPE SEEDER IF POSSIBLE. SEED TO A DEPTH OF 3/8 TO 1/2 INCH. IF SEED IS TO BE BROADCAST, CULTIPACK OR ROLL AFTER SEEDING IF HYDROSEEDING. LIME AND FERTILIZER MAY BE APPLIED THROUGH THE SEEDER AND ROLLING IS NOT PRACTICAL. SEED USING THE FOLLOWING MIX AND RATES:

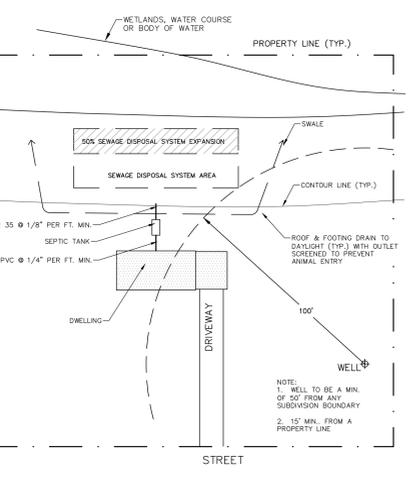
SPECIES (% BY WEIGHT)	2.0-3.6 LBS./1,000 SQ. FT.	85-114 LBS./ACRE
50% KENTUCKY BLUEGRASS BLEND	0.8-0.8 LBS./1,000 SQ. FT.	25-30 LBS./ACRE
50% PERENNIAL RYE GRASS	0.4-0.4 LBS./1,000 SQ. FT.	19-20 LBS./ACRE
TOTAL	1.0-1.0 LBS./1,000 SQ. FT.	130-175 LBS./ACRE

OR,  
 100% TALL FESCUE  
 TURF-TYPE, FINE LEAF  
 3.4-4.0 LBS./1,000 SQ. FT.  
 150-200 LBS./ACRE

NOTE: WHEN USING THE CULTIPACKER OR BROADCAST SEED METHOD, MULCH USING SMALL GRASS STRAW APPLIED AT A RATE OF 2 TONS PER ACRE; AND ANCHOR WITH A NETTING OR TACKLER. HYDROSEED APPLICATIONS SHOULD INCLUDE MULCH, FERTILIZER AND SEED.  
 TEMPORARY SEEDING:  
 TEMPORARY SEEDINGS MAY BE NECESSARY TO PROTECT AN AREA OR SECTION WHERE FINAL GRADING IS COMPLETE, WHEN PREPARING FOR WINTER WORK SHUTDOWN, OR TO PROVIDE COVER WHEN PERMANENT SEEDINGS ARE LIKELY TO FAIL DUE TO MIDDRAWN HEAT AND DROUGHT.  
 SPRING, SUMMER, OR EARLY FALL:  
 SEED AREA WITH RYE GRASS (ANNUAL OR PERENNIAL) AT 30 LBS. PER ACRE.  
 LATE FALL OR EARLY WINTER:  
 SEED CERTIFIED "HARDSTOCK" WINTER RYE (CEREAL RYE) AT 100 LBS. PER ACRE.  
 MULCH AREAS WITH OLD HAY OR STRAW AT 2 TONS PER ACRE. MULCH ANCHORING WILL BE REQUIRED WHERE WIND OR AREAS OF CONCENTRATED WATER ARE OF CONCERN.  
 VEGETATION OF WATERWAYS (DITCH LINES)  
 WATERWAYS SHALL BE PROTECTED AGAINST EROSION BY VEGETATIVE MEANS AS SOON AFTER CONSTRUCTION AS PRACTICAL.  
 CENTERLINE OF DITCH TO BE PROTECTED BY THE USE OF JUTE MATTING.  
 LIMING, FERTILIZING AND SEEDING PREPARATION:  
 A. LIME TO PH OF 6.5  
 B. APPLY COMMERCIAL FERTILIZER AT THE RATE DETERMINED BY SOIL TESTS.  
 C. LIME AND FERTILIZER SHALL BE MIXED THOROUGHLY INTO THE SEEDBED DURING PREPARATION.  
 D. CHANNELS SHALL HAVE AT LEAST 4 INCHES OF TOPSOIL.  
 E. REMOVE OBSTRUCTIONS THAT WOULD HINDER MAINTENANCE.  
 SEED MIXTURE:  
 KENTUCKY BLUEGRASS @ 25 LBS. PER ACRE  
 CREEPING RED FESCUE @ 20 LBS. PER ACRE  
 PERENNIAL RYE GRASS @ 10 LBS. PER ACRE  
 SEEDING SHALL BE APPLIED UNIFORMLY OVER THE DISTURBED AREA.  
 MULCHING:  
 ALL SEEDED AREAS WILL BE MULCHED.  
 MAINTENANCE:  
 CONTRACTOR SHALL MAINTAIN THE SEEDED AREAS UNTIL SUCH TIME AS THE TOWN OR OWNER ASSUMES RESPONSIBILITY.



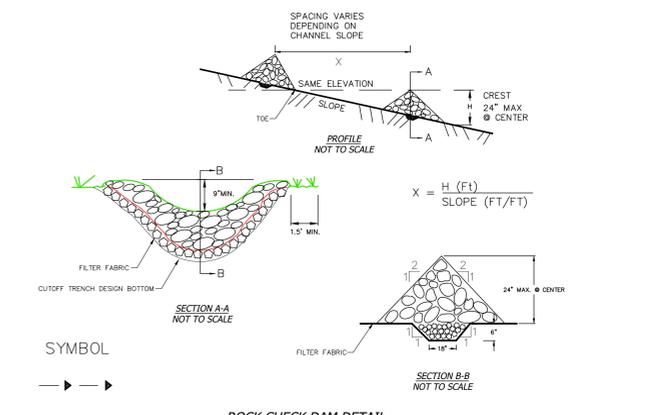
RESIDENTIAL SITE EROSION CONTROL PLAN  
 SCALE: NONE



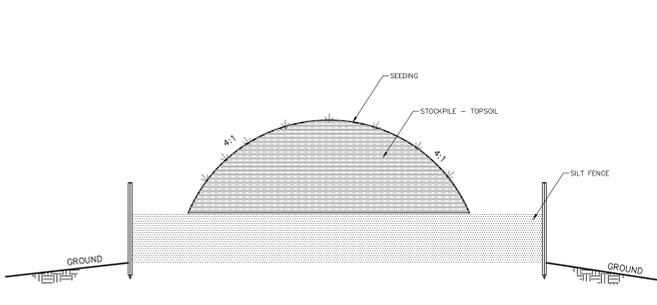
TYPICAL LOT LAYOUT - SDS SEPARATION REQUIREMENTS  
 SCALE: NONE

MINIMUM REQUIRED SEPARATION DISTANCES					
SYSTEM COMPONENT	WELL	WATER BODY WETLAND	DWELLING	PROPERTY LINE	OPEN DRAINAGE DITCH, CULVERT OR CATCH BASIN
HOUSE SEWER	25' C.I./PVC 50' OTHERWISE	25'	3'	10'	N/A
SEPTIC TANK	50'	50'	10'	10'	10'
EFFLUENT LINE TO DISTRIBUTION DEVICE	50'	50'	10'	10'	10'
ABSORPTION FIELD	100'	100'	20'	10'	50'
DISTRIBUTION DEVICE	100'	100'	20'	10'	10'

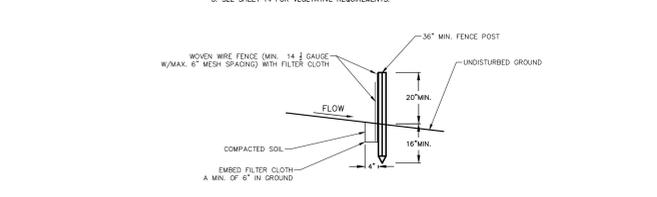
NOTES:  
 1. WHEN SEWAGE TREATMENT SYSTEMS ARE LOCATED IN COARSE GRAVEL OR UPGRADE AND IN THE SAME DIRECTION, GENERAL PATH OF DRAINAGE TO A WELL, THE CLOSEST PART OF THE TREATMENT SYSTEM SHALL BE AT LEAST 500 FEET AWAY FROM THE WELL.  
 2. SEPARATION DISTANCES FROM WATER BODIES SHALL BE MEASURED TO THE MEAN HIGH WATER MARK.  
 3. FOR ALL SYSTEMS INVOLVING THE PLACEMENT OF FILL, SEPARATION DISTANCES ARE MEASURED FROM THE TOE OF SLOPE OF THE FILL.  
 4. ANY WATER SERVICE LINE UNDER PRESSURE LOCATED WITHIN TEN FEET OF ANY ABSORPTION FIELD, SHALL BE INSTALLED INSIDE A LARGER DIAMETER WATER MAIN TO PROTECT THE POTABLE WATER SUPPLY.  
 5. ANY WATER SERVICE LINE UNDER PRESSURE CROSSING A SEWER SHALL BE INSTALLED WITH ONE FULL LENGTH OF WATER MAIN CENTERED ABOVE THE SEWER SO BOTH WATER CONNECTING JOINTS ARE AS POSSIBLE FROM THE SEWER. SECTION B.6 OF THE "CLARIFIED - RECOMMENDED" STANDARDS FOR WATER WORKS", SHALL BE FOLLOWED FOR SEPARATION OF WATER MAINS, SANITARY SEWERS, AND SEWERS.  
 6. SEPARATION FROM A WELL TO SWALE, STREAM OR WATER COURSE - 25 FT.  
 7. SEPARATION FROM AN ABSORPTION FIELD TO OPEN DRAINAGE, CULVERT, CATCH BASIN - 50 FT.  
 8. SEPARATION FROM ABSORPTION FIELD TO CURTAIN DRAIN - 15 FT.  
 9. SEPARATION FROM ABSORPTION FIELD TO TOP OF EMBANKMENT OR STEEP SLOPE - 25 FT.



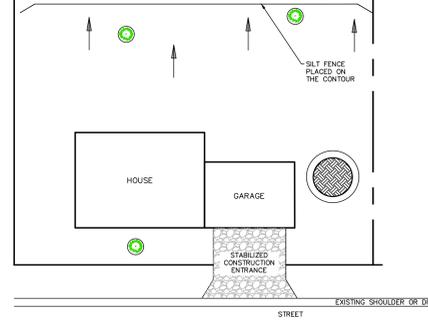
ROCK CHECK DAM DETAIL  
 SCALE: NONE  
 NOTE:  
 1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN ON THE PLANS.  
 2. SET SPACING OF CHECK DAM TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM 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.  
 MAXIMUM DRAINAGE AREA = 2 ACRES



TOPSOIL STOCKPILE DETAIL  
 SCALE: NONE  
 NOTES:  
 1. SILT FENCE TO BE PLACED ON THE CONTOUR.  
 2. USE ADDITIONAL PRACTICES AS REQUIRED BY ENGINEER AS NEEDED TO MITIGATE WATER QUALITY IMPACTS.  
 3. SEE SHEET 14 FOR VEGETATIVE REQUIREMENTS.



TOPSOIL STOCKPILE SILT FENCE - SECTION  
 SCALE: NONE



EROSION CONTROL PLAN LEGEND  
 PROPERTY LINE  
 DRAINAGE  
 SILT FENCE  
 STOCKPILED SOIL  
 STABILIZED CONST. ENTRANCE  
 TREE PROTECTION



REVISION	DATE	DESCRIPTION

UNAUTHORIZED ALTERATION OR ADDITION TO THIS PLAN IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW. PLANS SHALL NOT BE CONSIDERED TRUE AND VALID COPIES UNLESS THEY CONTAIN THE ORIGINAL SEAL AND SIGNATURE OF THE ENGINEER.

PLANS ARE INCOMPLETE/INVALID WITHOUT SHEETS 1-4 IF ATTACHED, AND SHALL HAVE AN ORIGINAL SEAL AND SIGNATURE OF THE ENGINEER AFFIXED TO EACH PLAN SHEET.

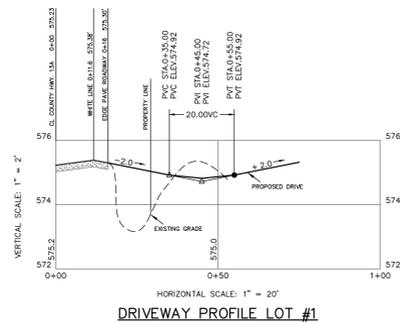
PROJECT: **NMC3, LLC - SUBDIVISION**

TOWN OF CHESTER  
 ORANGE COUNTY, NEW YORK

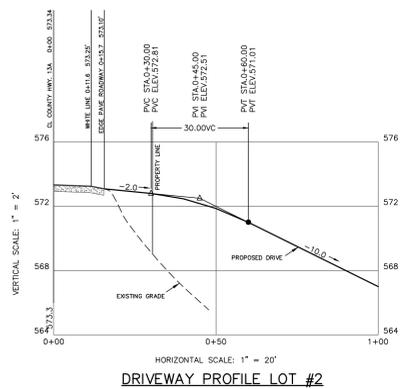
TITLE: **CONSTRUCTION DETAILS**

DRAWN BY: TEC  
 DATE: NOVEMBER 19, 2020  
 PROJECT NO: 20-116

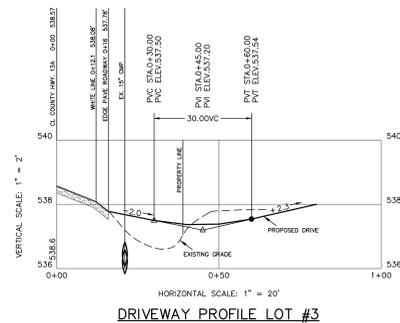
CHECKED BY: JWG  
 SCALE: AS SHOWN  
 DRAWING NO: 6 of 7



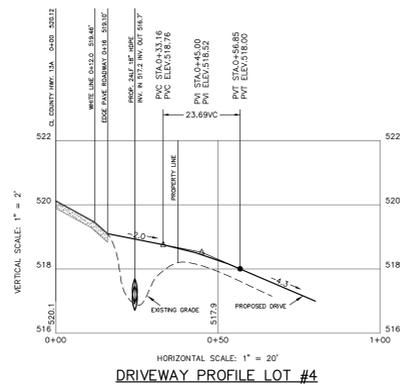
DRIVEWAY PROFILE LOT #1



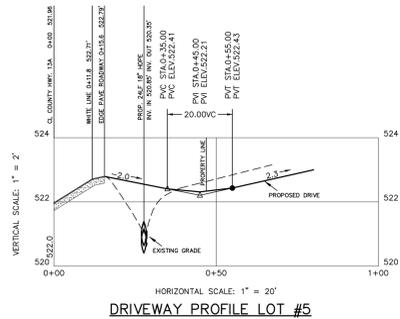
DRIVEWAY PROFILE LOT #2



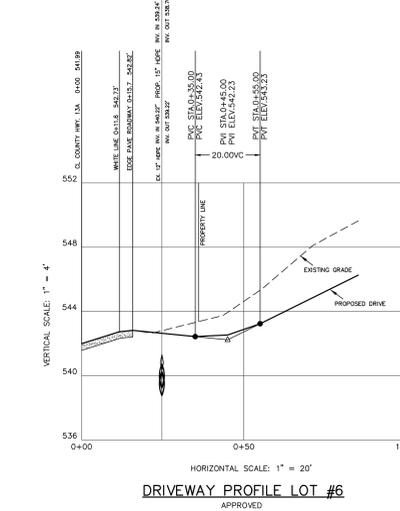
DRIVEWAY PROFILE LOT #3



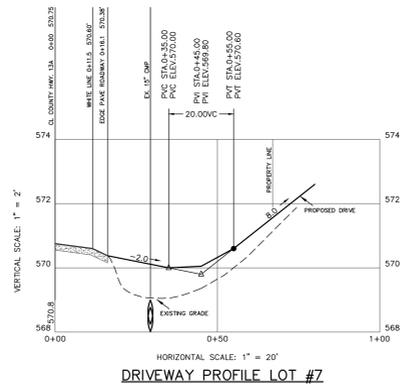
DRIVEWAY PROFILE LOT #4



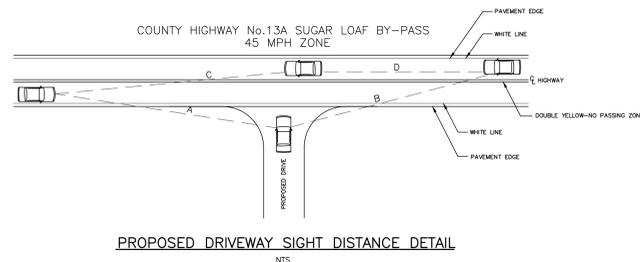
DRIVEWAY PROFILE LOT #5



DRIVEWAY PROFILE LOT #6



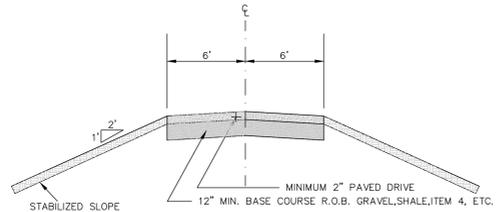
DRIVEWAY PROFILE LOT #7



PROPOSED DRIVEWAY SIGHT DISTANCE DETAIL

SIGHT DISTANCES

LOT 1	LOT 2	LOT 3	LOT 4	LOT 5	LOT 6	LOT 7
A 500'+	A 500'+	A 500'+	A 500'+	A 500'+	A 500'+	A 400'+
B 470' TO INTERSEC.	B 370'+	B 500'+				
C 500'+	C 500'+	C 500'+	C 500'+	C 500'+	C 500'+	C 400'+
D 470'	D 370'+	D 500'+				



DRIVEWAY FILL - CROSS SECTION

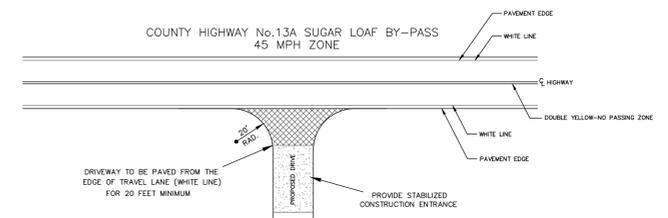
NOTE: AT THE TIME OF CONSTRUCTION, THE NEW DRIVEWAY PAVEMENT IS TO BE KEYED INTO THE COUNTY ROAD SHOULDER ASPHALT AS DIRECTED BY THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS - DIVISION OF ENGINEERING.

**MAINTENANCE AND PROTECTION OF TRAFFIC:**

1. PROVIDE A TRAFFIC CONTROL PLAN FOR PERFORMING THE PROPOSED WORK WITHIN THE COUNTY RIGHT OF WAY. ALL CONSTRUCTION SIGNAGE IS REQUIRED TO BE IN PLACE PRIOR TO COMMENCING ANY WORK WITHIN THE COUNTY RIGHT OF WAY.
2. ALL CONSTRUCTION SIGNAGE IS REQUIRED TO MEET THE REQUIREMENTS AS PER THE "NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND NYS SUPPLEMENT LATEST EDITION AND REVISIONS. THE CONSTRUCTION SIGNAGE SHALL BE INSTALLED ON BREAKAWAY POSTS OR ON WIND-MASTERS AND COVERED AND UNCOVERED ON A DAILY BASIS. THE CONTRACTOR MUST HAVE ALL THE NECESSARY CONSTRUCTION SIGNS TO PERFORM THE WORK SAFELY.
3. THE FOLLOWING SIGNS ARE REQUIRED TO BE PLACED IN EACH DIRECTION WHEN ONE LANE IS CLOSED TO PERFORM THE WORK: ROAD WORK 1500 FT., ROAD WORK 1000 FT., ROAD WORK 500 FT., ONE LANE ROAD AHEAD, FLAGGER SYMBOL, ON EACH APPROACH WHEN TAKING A TRAVEL LANE AS PER ORANGE COUNTY REQUIREMENTS.
4. THE FOLLOWING SIGNS ARE REQUIRED WHEN WORK IS PERFORMED ON THE SHOULDER: ROAD WORK 1500 FT., ROAD WORK 1000 FT., ROAD WORK 500 FT., NO SHOULDER AS PER ORANGE COUNTY REQUIREMENTS. FLAGGER SYMBOLS ARE REQUIRED TO BE AVAILABLE FOR A NO SHOULDER WORK ZONE IN CASE FLAGGERS ARE USED TO DIRECT TRAFFIC.
5. THE MORE STRINGENT SIGN REQUIREMENTS OF ORANGE COUNTY SUPERSEDE ANY MUTED REQUIREMENTS.
6. PRIOR TO THE COMMENCEMENT OF ANY WORK BEING PERFORMED, A PRECONSTRUCTION MEETING WITH THE COUNTY TO CONFIRM THAT SIGNAGE IS IN CONFORMANCE WITH PLANS OR COUNTY REQUIREMENTS.
7. ALL CONSTRUCTION SIGNAGE IS REQUIRED TO BE 730-05-00 - ASTM TYPE III (CLASS B) AS PER NYS STANDARD SPECIFICATIONS CONSTRUCTION AND MATERIALS. HI-INTENSITY REFLECTIVE SHEETING, OFFEN REFERRED TO AS HIGH INTENSITY, WORK ZONE IS REQUIRED TO BE PROPERLY DELINEATED WITH CONES AND/OR CONSTRUCTION BARRELS.
8. ORANGE COUNTY RESERVES THE RIGHT TO PRECLUDE ALL WORK AND LANE CLOSURES DURING ANY INCLEMENT WEATHER OR OTHER UNFORESEEN CIRCUMSTANCES (I.E. WET, Icy CONDITIONS, REDUCED VISIBILITY, TRAFFIC ACCIDENTS ON STATE, COUNTY, TOWN OR VILLAGE ROADS), OR OTHER EMERGENCIES.
9. NO LANES CLOSURES WILL BE PERMITTED FROM 12 NOON PRIOR TO A HOLIDAY AND UNTIL 10 AM THE DAY AFTER THE HOLIDAY. FLAGGERS SHALL NOT CONTROL MORE THAN ONE APPROACH AT ANY TIME THROUGHOUT THE DURATION OF THE WORK ZONE. ADDITIONAL FLAGGERS ARE REQUIRED TO CONTROL ALL APPROACHES IN A WORK ZONE.
10. ONE LANE OF TRAFFIC MUST BE OPEN AT ALL TIMES. NO EXCEPTIONS.
11. EIGHTEEN (18) INCH STOP AND SLOW PADDLES ARE REQUIRED TO DIRECT TRAFFIC.
12. TWO WAY RADIOS ARE REQUIRED FOR FLAGGERS TO COMMUNICATE WITH EACH OTHER.
13. ALL CONSTRUCTION PERSONNEL ARE REQUIRED TO WEAR HARD HATS AND SAFETY VESTS.
14. ORANGE COUNTY MUST BE NOTIFIED IMMEDIATELY OF ANY ON-SITE ACCIDENTS.

**LANDSCAPING:**

1. NO PLANTINGS (CONURS/TREES) OR LANDSCAPING FEATURES (GATES, FENCES, STONE PILLARS, STONE WALLS, SIGNS, ETC.) SHALL BE PLACED WITHIN THE COUNTY RIGHT OF WAY.
2. NO STONES OR Boulders CAN BE USED OR INSTALLED WITHIN THE COUNTY RIGHT OF WAY FOR ANY PURPOSE (I.E. LANDSCAPING FEATURES OR TO CREATE A PARALLEL END SECTION AT THE END OF A CULVERT PIPE).
3. ANY PLANTING AND LANDSCAPING FEATURES ARE REQUIRED TO BE OFFSET FROM THE PROPERTY LINE BY 5 FEET.
4. NO GRADING CAN BE PERFORMED WITHIN THE COUNTY RIGHT OF WAY.



TYPICAL DRIVEWAY ENTRANCE DETAIL

NTS

COUNTY HIGHWAY ENTRANCE DESIGN  
&  
DETAILS  
FOR

NMC3, LLC.

TOWN OF CHESTER  
SCALE: 1"=20'

ORANGE COUNTY, N.Y.  
NOVEMBER 19, 2020

**COUNTY HIGHWAY ENTRANCE DESIGN**

NOTE: NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

