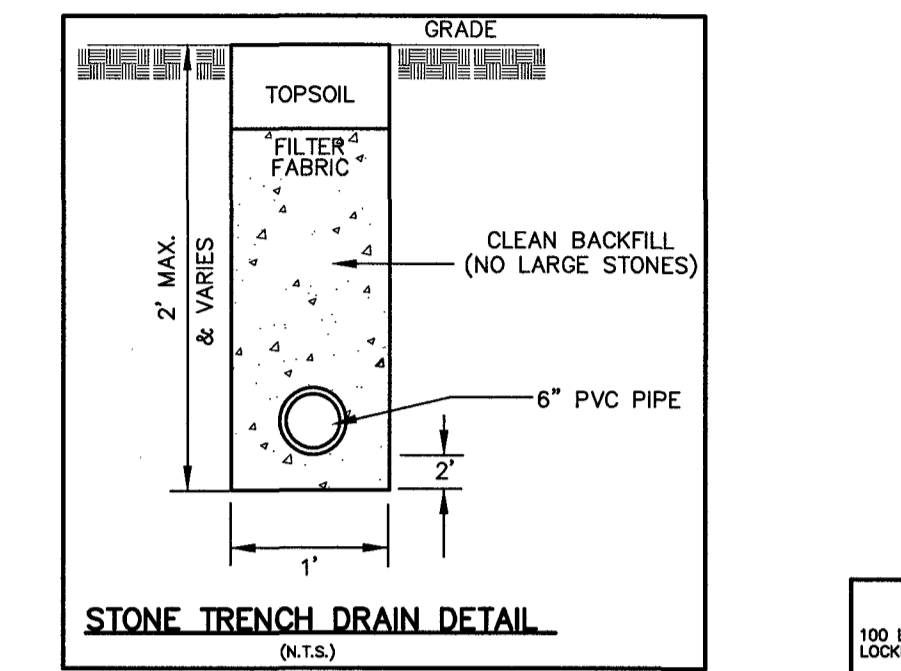
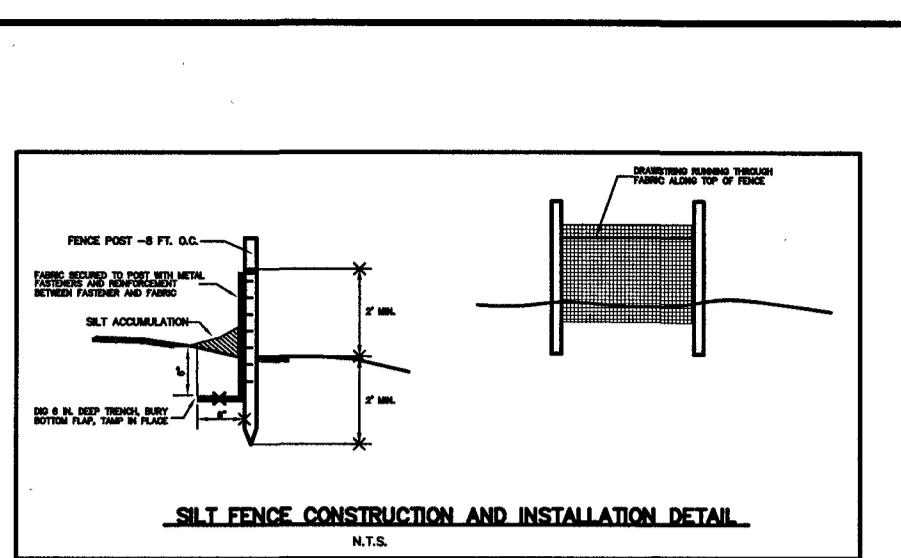
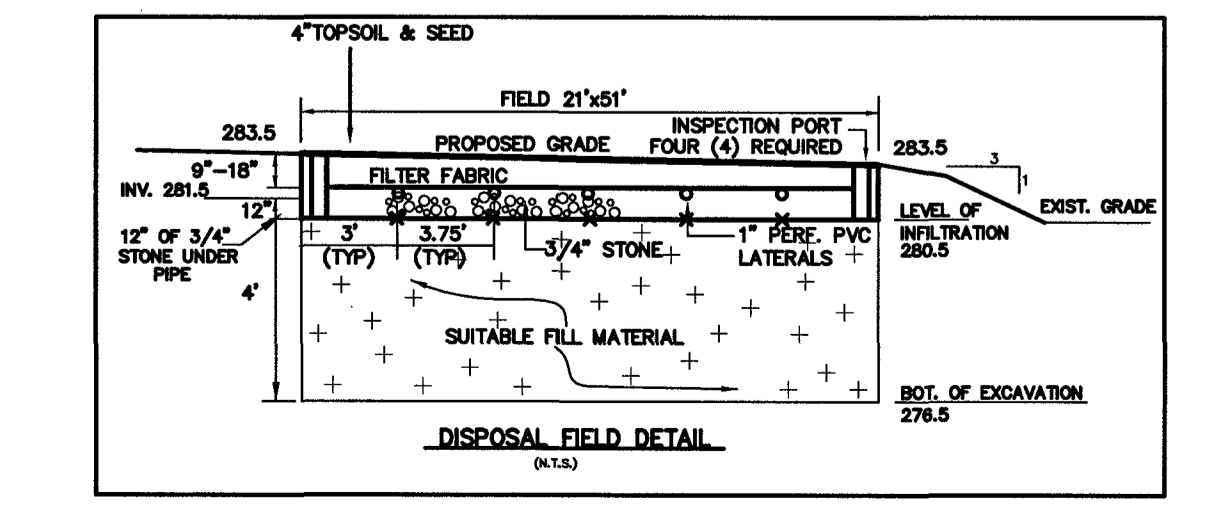
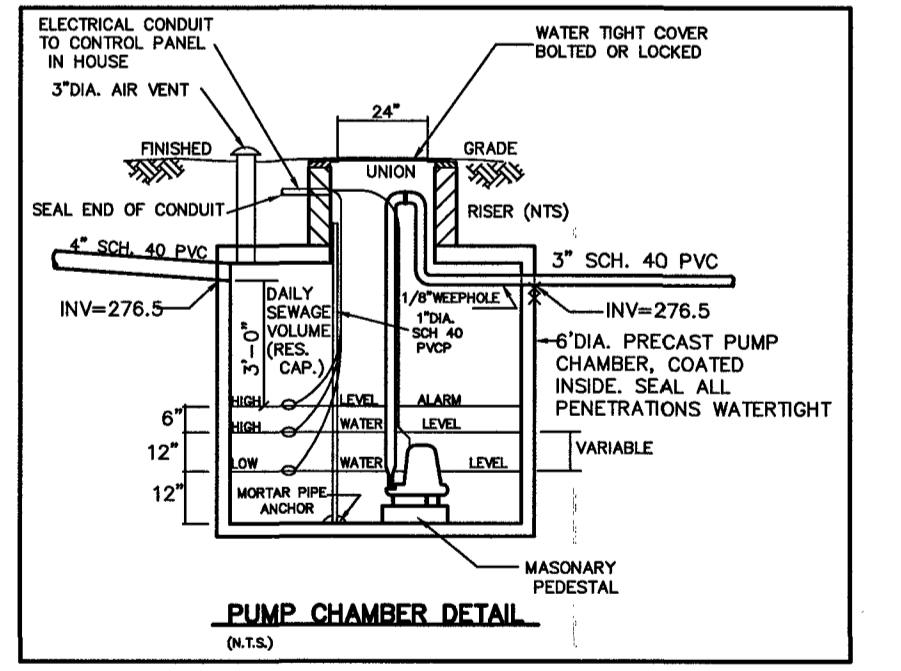
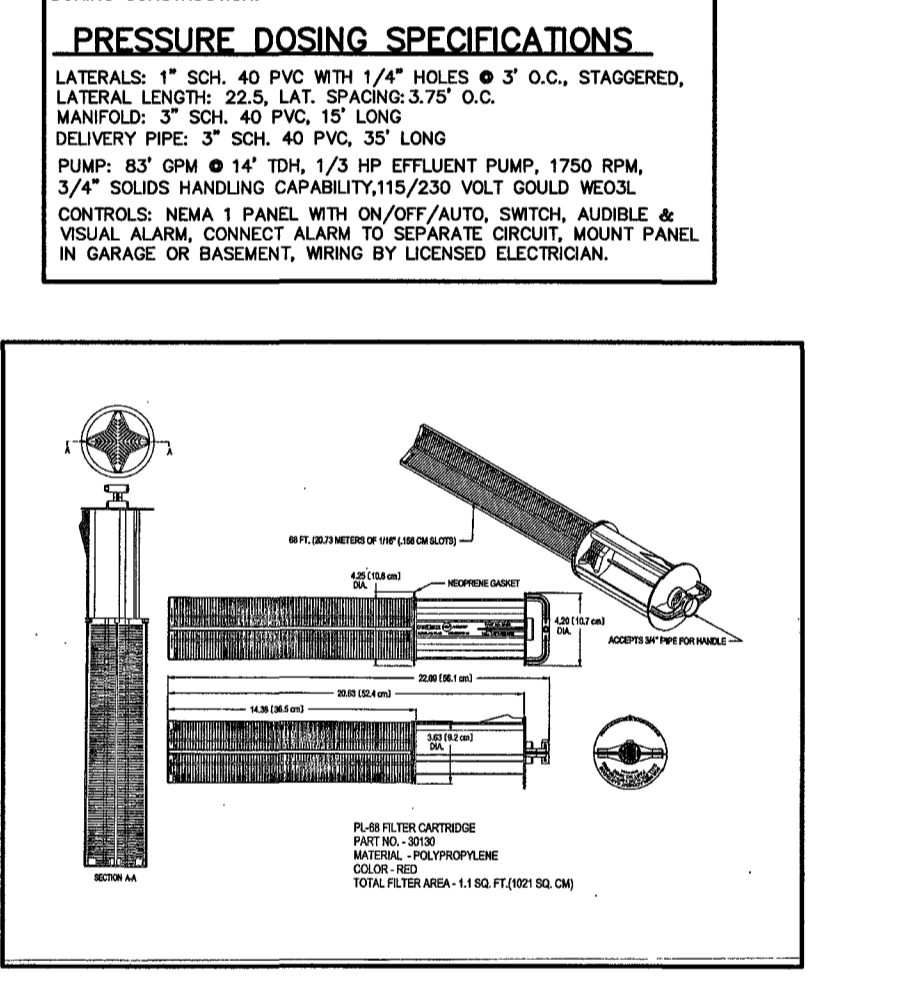


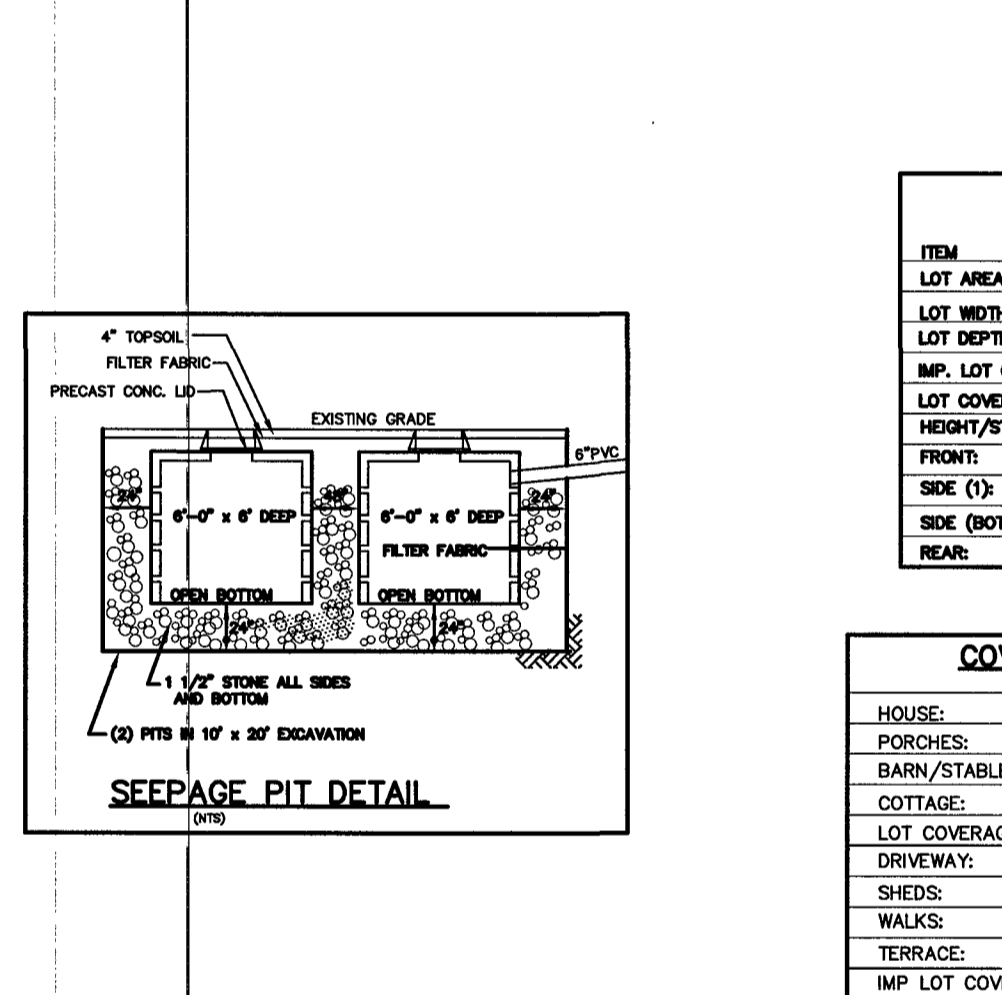
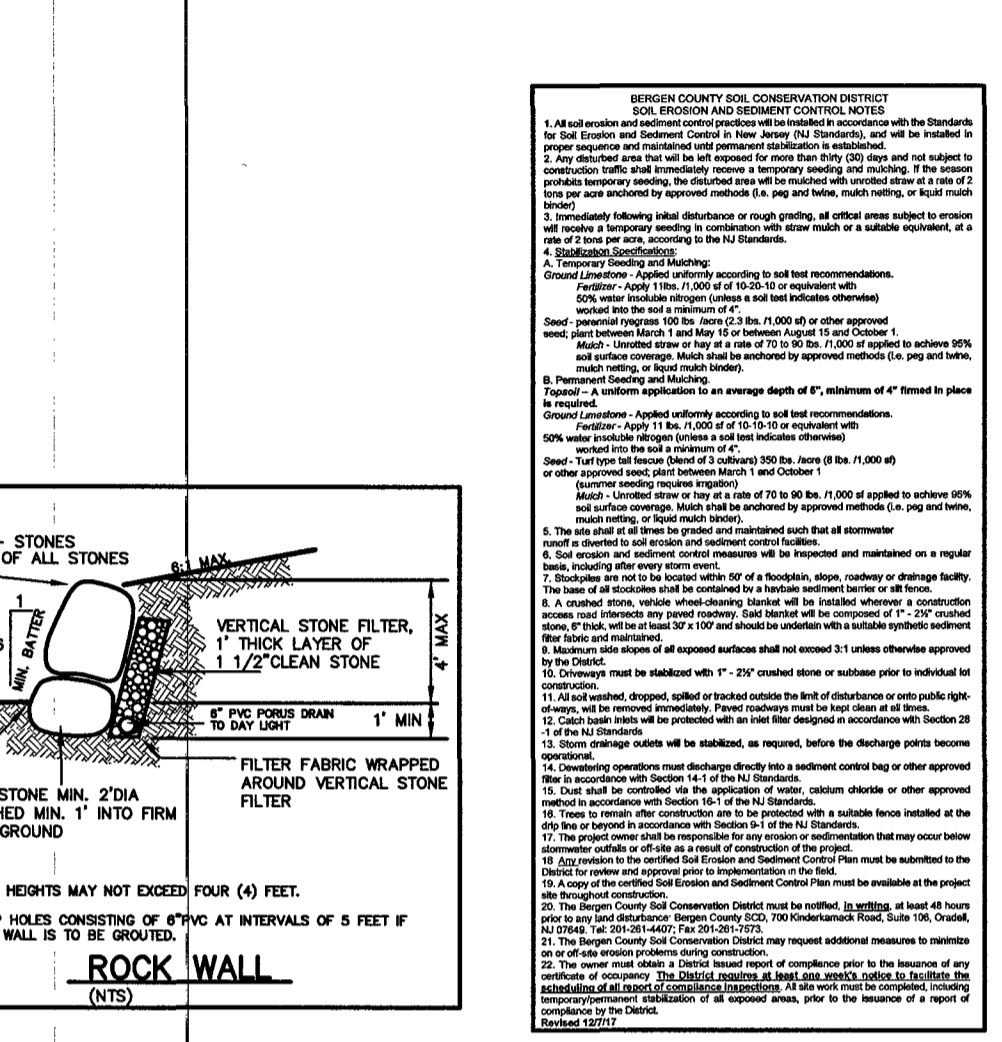
SEPTIC DESIGN
 TOTAL NUMBER OF BEDROOMS 5
 COTTAGE: 3 BEDROOMS
 APARTMENT: 2 BEDROOMS
 Q=200+(4x150)=800 GPD
 FIELD AREA REQUIRED: 800x1.33= 1,064 S.F.
 FIELD AREA PROVIDED: 21'x51' = 1,071 S.F.



SPECIFICATIONS
 ALL SEPTIC SYSTEM COMPONENTS SHALL BE INSTALLED AS SHOWN ON THIS PLAN AND SHALL CONFORM WITH THE REQUIREMENTS OF CHAPTER 9A-STANDARDS FOR INDIVIDUAL SUBSURFACE SEWAGE SYSTEMS, (AS ADOPTED JAN 1, 1990) AS FOLLOWS:
 - SEPTIC TANK - SECTION 7.9A-B-2
 - CONNECTING PIPES AND DELIVERY PIPES - SECTION 7.9A-B-3
 - DISTRIBUTION BOXES - SECTION 7.9A-B-4
 - LATERAL GRAVITY DISTRIBUTION - SECTION 7.9A-B-5
 THE ENGINEER AND BOARD OF HEALTH SHALL BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION AND INSTALLATION OF THE SYSTEM TO ARRANGE FOR INSPECTIONS.
 THE CONTRACTOR SHALL NOTIFY THE BOARD OF HEALTH AND THE ENGINEER IF THE INSTALLATION DEVIATES FROM THIS PLAN OR IF ANY UNUSUAL CONDITIONS ARE ENCOUNTERED DURING CONSTRUCTION.



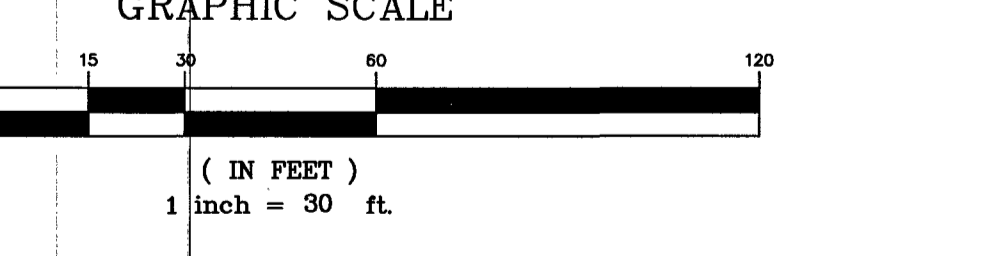
- STANDARD CONSTRUCTION SCHEDULE**
- INSTALL ALL SILT FENCING AND WHEEL TRACKING STRIP & INLET FILTERS.
 - CLEAR TREES AS APPROVED BY BOROUGH.
 - CLEAR AND STRIP TOPSOIL FROM ALL AREAS TO BE DISTURBED. REMOVE ANY EXISTING PAVED AREAS SO MARKED.
 - STOCKPILE TOPSOIL AND TEMPORARILY SEED SAME.
 - EXCAVATE FOR AND INSTALL ALL FOUNDATION FOR DWELLING.
 - INSTALL ALL UNDERGROUND UTILITIES.
 - CONSTRUCT DWELLING AS REQUIRED.
 - UNIFORMLY APPLY TOPSOIL TO AN AVERAGE DEPTH OF 5", MINIMUM OF 4", FIRMED IN PLACE.
 - REMOVE ALL SILT FENCE AND OTHER SOIL CONSERVATION & SEDIMENT CONTROL MEASURES ONCE DISTURBED AREAS ARE STABILIZED. CLEAN OUT SEDIMENTATION AREAS AND PROVIDE FOR PERMANENT REVEGETATION AFTER ALL CONSTRUCTION IS COMPLETED AND RESTORE AREA TO DESIGN OR ORIGINAL CONDITION.



SOIL LOGS (TAKEN 1/7/20)
 WITNESSED BY DAN MAAS, R.E.H.S.

TEST HOLE 1 NO WATER SAMPLE @ 8'
 0'-12" LOAM TOPSOIL
 12'-30" 7.5R/4A SANDY LOAM, 10% GRAVEL, 10% COBBLES, SUBANGULAR BLOCKY, DRY, SOFT.
 30'-64" 10% 4/3 SILTY SAND GRAVEL & COBBLES, 15% GRAVEL, 10% COBBLES & 5% STONES, SUBANGULAR BLOCKY, DRY, SOFT.
 64'-120" 10% 5/3 SILTY SAND, 5% GRAVEL, 5% COBBLES, GRANULAR, DRY, SOFT.

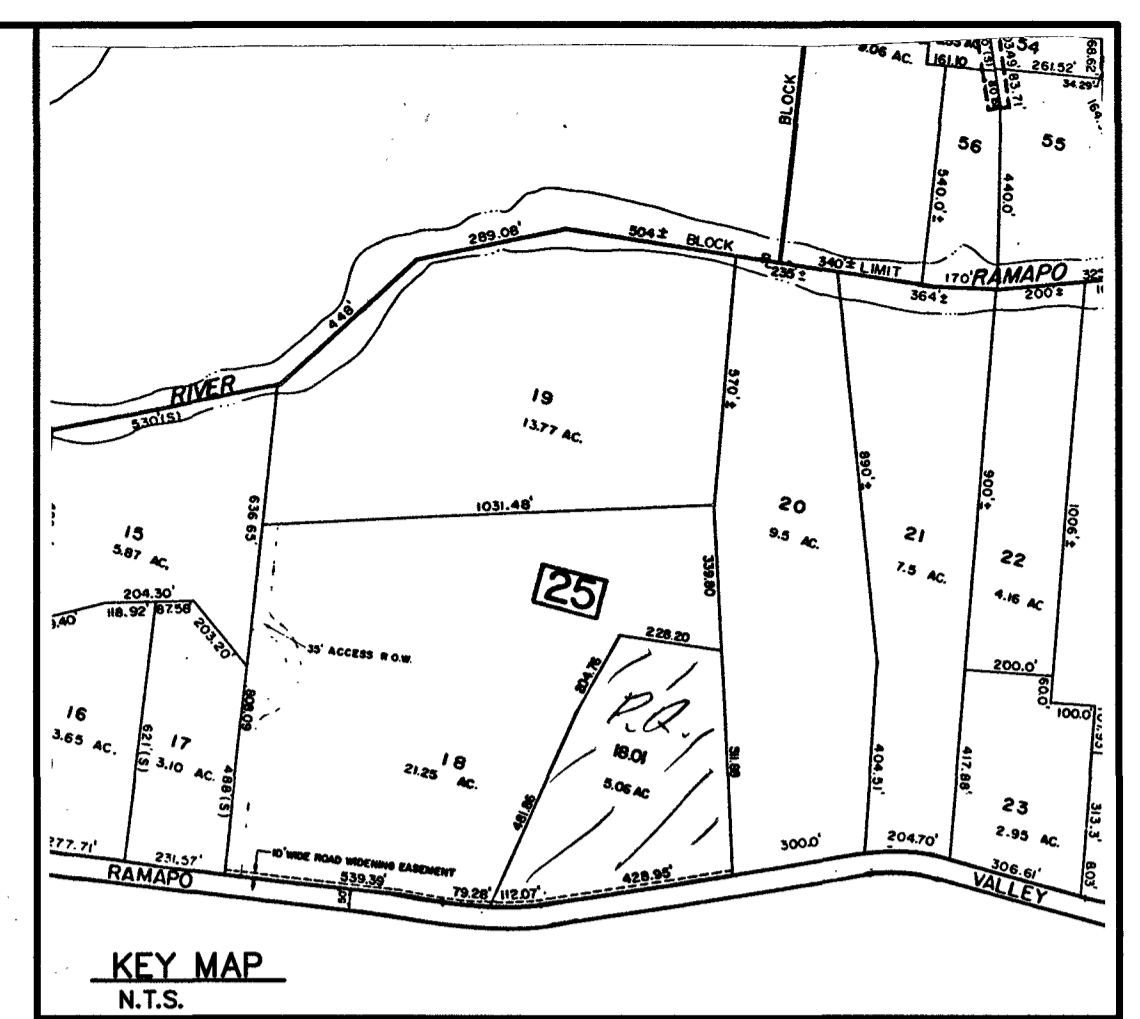
TEST HOLE 2 NO WATER
 0'-12" LOAM TOPSOIL
 12'-32" 7.5R/4A SANDY LOAM, 10% GRAVEL, 10% COBBLES, SUBANGULAR BLOCKY, DRY, SOFT.
 32'-64" 10% 4/3 SILTY SAND GRAVEL & COBBLES, 15% GRAVEL, 10% COBBLES & 5% STONES, SUBANGULAR BLOCKY, DRY, SOFT.
 64'-120" 10% 5/3 SILTY SAND, 5% GRAVEL, 5% COBBLES, GRANULAR, DRY, SOFT.



LEGEND

- EXIST. CONTOUR
- PROPOSED CONTOUR
- PROPERTY LINE
- EDGE OF PAVEMENT
- PROPOSED HOUSE
- PROPOSED CURB
- TREE TO BE REMOVED
- TREE TO REMAIN
- EXIST. GRADE
- PROP. GRADE

NO.	DATE	DESCRIPTION	BY
1	12/16/20	PER ARCH. COMMENTS	RJW



- NOTES**
- CONTOURS SHOWN HEREON ARE IN USGS DATUM.
 - LOT AREA: = 220,359 SF, 5.1 AC.
 - REFERENCE MAPS:
FILED MAP # 5845
 - MAXIMUM RIDGE ELEVATION 316.0 (ALLOWED) 307.5 (PROPOSED)
 - DEED RESTRICTIONS: NONE
 - UTILITIES TO BE PLACED UNDERGROUND.
 - WATER BY PRIVATE WELL.
 - DRIVEWAY GRADES TO BE A MAXIMUM OF 6% FOR THE FIRST 30 FEET BEYOND THE CURB LINES.
 - ALL PROPOSED SLOPES SHALL BE 3:1 OR 2:1, 1:1 VERT MAX.
 - NO TREES ARE PROPOSED FOR REMOVAL.
 - OWNER SHALL RECYCLE THE FOLLOWING CONSTRUCTION MATERIALS & DEMOLITION DEBRIS WHICH MAY INCLUDE, BUT IS NOT LIMITED TO, CONCRETE, ASPHALT, WOOD, METALS, BRICKS, BLOCK MASONRY, WALLBOARD, DIRT, ROCKS, LANDSCAPE WASTE, AND OTHER INERT WASTE. IT IS THE RESPONSIBILITY OF THE OWNER TO PROPERLY RECYCLE THESE ITEMS. UPON DISPOSAL, THE OWNER MUST OBTAIN A WEIGHT TONNAGE SLIP THAT SHALL BE FORWARDED TO THE DPW FOR RECYCLING TONNAGE CREDIT.
 - "THIS PROJECT IS EXEMPT FROM SOIL COMPACTION TESTING AND REMEDIATION AS IT IS LOCATED IN AN URBAN REDEVELOPMENT AREA."
 - TOTAL DISTURBANCE AREA: 48,830 SF.
 - TOTAL INCREASE IN IMPERVIOUS AREA: 7,324 SF.

ZONING DATA (R-80 ZONE)

ITEM	REQUIRED	EXISTING	PROPOSED
LOT AREA:	80,000 S.F. (1.8 AC.)	220,359 S.F. (5.1 AC.)	220,359 S.F. (5.1 AC.)
LOT WIDTH:	200 FT.	512.78 FT.	512.78 FT.
LOT DEPTH:	300 FT.	512.88 FT.	512.88 FT.
IMP. LOT COVERAGE:	20%	8.37%	11.7%
LOT COVERAGE:	10%	4.08%	5.0%
HEIGHT/STY:	35 FT./2.5	28.5 FT./2.5 STY.	28.5 FT./2.5 STY.
FRONT:	60 FT.	58.15 FT. *	58.15 FT. *
SIDE (1):	40 FT.	58.12 FT.	58.12 FT.
SIDE (BOTH):	80 FT.	248.87 FT.	310.0 FT.
REAR:	50 FT.	189.3 FT.	189.3 FT.

* EXISTING HIGH CONFORMITY

SOIL MOVEMENT QUANTITIES

EXCAVATIONS:

POND: 950 SF x 3'DEEP/27' = 106 CY
 PITS AND TANKS: 4(10'x10'x8'DEEP/27') = 119 CY
 SEPTIC: 1,071 S.F. x 6'DEEP/27' = 238 CY
 FOOTINGS: 280' x 3'DEEP/27' = 58 CY
TOTAL EXCAVATION: 521 CY.

FILL:

SEPTIC: 1,071 S.F. x 6'DEEP/27' = 238 CY
 STONE FOR PIT: 2(23 CY/PIT) = 46 CY
 N.E. SIDE: 60'x5'x1'DEEP/27' = 11 CY
TOTAL FILL: 295 CY.

AMBERFIELDS PLOT PLAN

SOIL EROSION AND SEDIMENT CONTROL PLAN

LOT 18.01, BLOCK 25

CURRENT TAX ASSESSMENT MAP NO. 25

1122 RAMAPO VALLEY ROAD

TOWNSHIP OF MAHWAH, BERGEN COUNTY, NEW JERSEY

SCALE: 1" = 30'

DRAWN BY: JDL DATE: 12/16/20

CHECKED BY: RWJ DATE: 12/16/20

OWNER/APPLICANT:
 MR. & MRS. STADLER
 1122 RAMAPO VALLEY ROAD
 MAHWAH, NJ

ROBERT J. WEISSMAN, P.E. & L.S.
 WEISSMAN ENGINEERING & LAND SURVEYOR
 686 CROWN AVENUE, MIDLAND PARK, NJ 07432
 VOICE (201) 445-2799, FAX (201) 445-0483
 Email: wecong@optonline.net
 CERTIFICATION OF AUTHORIZATION # 24627926800

N.J. P.E. & L.S. LIC. NO. 28,624