

OWNER & ADDRESS REPORT

PROPERTIES LOCATED IN USE WITHIN 500 FEET OF 430 WEST SADDLE RIVER RD. BLK 805 LOT 1.02

BLOCK	LOT	QUAL	CLA	PROPERTY OWNER	PROPERTY LOCATION
712	8	2	2	Current Owner 2 OLD CHIMNEY RD UPPER SADDLE RIVER, NJ 07458	2 OLD CHIMNEY RD
712	9	2	2	Current Owner 431 W SADDLE RIVER RD UPPER SADDLE RIVER, NJ 07458	431 WEST SADDLE RIVER RD
712	10	2	2	Current Owner 425 W SADDLE RIVER RD UPPER SADDLE RIVER, NJ 07458	425 WEST SADDLE RIVER RD
712	11	2	2	Current Owner 421 W SADDLE RIVER RD UPPER SADDLE RIVER, NJ 07458	421 WEST SADDLE RIVER RD
805	1.01	2	2	Current Owner 424 W SADDLE RIVER RD UPPER SADDLE RIVER, NJ 07458	424 WEST SADDLE RIVER RD
805	1.03	2	2	Current Owner 11 MIDLAND DR UPPER SADDLE RIVER, NJ 07458	11 MIDLAND DR
805	2	2	2	Current Owner 436 W SADDLE RIVER RD UPPER SADDLE RIVER, NJ 07458	436 WEST SADDLE RIVER RD
805	3	2	2	Current Owner 444 WEST SADDLE RIVER RD UPPER SADDLE RIVER, NJ 07458	444 WEST SADDLE RIVER RD
805	4	2	2	Current Owner 6 SUNRISE LANE UPPER SADDLE RIVER, NJ 07458	6 SUNRISE LANE
805	5	2	2	Current Owner 10 SUNRISE LANE UPPER SADDLE RIVER, NJ 07458	10 SUNRISE LANE

**Soil De-compaction and Testing Requirements**

**Soil Compaction Testing Requirements**

- Subgrade soils prior to the application of topsoil (see permanent seeding and stabilization notes for topsoil requirements) shall be free of excessive compaction to a depth of 6.0 inches to establish the establishment of permanent vegetative cover.
- Areas of the site which are subject to compaction testing and/or mitigation are graphically denoted on the certified soil erosion control plan.
- Compaction testing locations are denoted on the plan. A copy of the plan or portion of the plan shall be used to mark locations of tests, and attached to the construction mitigation verification form, available from the local soil conservation district. This form must be filled out and submitted prior to receiving a certificate of compliance from the district.
- In the event that testing indicates compaction in excess of the maximum thresholds indicated for the simplified testing methods (see details below), the contractor/owner shall have the option to perform either (1) compaction mitigation over the entire mitigation area denoted on the plan (including exempt areas), or (2) perform additional, more detailed testing to establish the limits of excessive compaction whereupon only the excessively compacted areas would require compaction mitigation. Additional detailed testing shall be performed by a trained, licensed professional.

**Compaction Testing Methods**

- Probing Wire Test (see detail)
- Hand Held Penetrometer Test (see detail)
- Tube Density Test (licensed professional engineer required)
- Nuclear Density Test (licensed professional engineer required)

Note: Additional testing methods which conform to ASTM standards and specifications, and which produce a dry weight, soil bulk density measurement may be allowed subject to District approval.

Soil compaction testing is not required if when subsoil compaction remediation (scarification/tillage 6" minimum depth) or similar is proposed as part of the sequence of construction.

**Procedures for Soil Compaction Mitigation**

Procedures shall be used to mitigate excessive soil compaction prior to placement of topsoil and establishment of permanent vegetative cover.

Restoration of compacted soils shall be through deep scarification/tillage (6" minimum depth) where there is no design to underground utilities (irrigation systems, etc.). In the alternative, another method specified by a New Jersey Licensed Professional Engineer may be substituted subject to District Approval.

**SOIL LOGS** (TAKEN: 11/25/20)

WITNESSED BY: MICHELLE DELYANNIS, R.E.M.S.

**TEST HOLE 1 NO WATER SAMPLE # 6**

0' - 12" LOAM TOPSOIL

12" - 34" 5/8" S/S, SILTY CLAY LOAM, 5% GRAVEL, 5% COBBLES, SUBANGULAR BLOCKY, DRY, SOFT

36" - 66" 5/8" S/S, SILTY CLAY LOAM, 5% GRAVEL, 5% COBBLES, 10% STONES, SUBANGULAR BLOCKY, DRY, SLIGHTLY HARD

68" - 120" 10/8" S/S, SANDY LOAM, 5% GRAVEL, 10% COBBLES, 10% STONES, SUBANGULAR BLOCKY, DRY, SLIGHTLY HARD

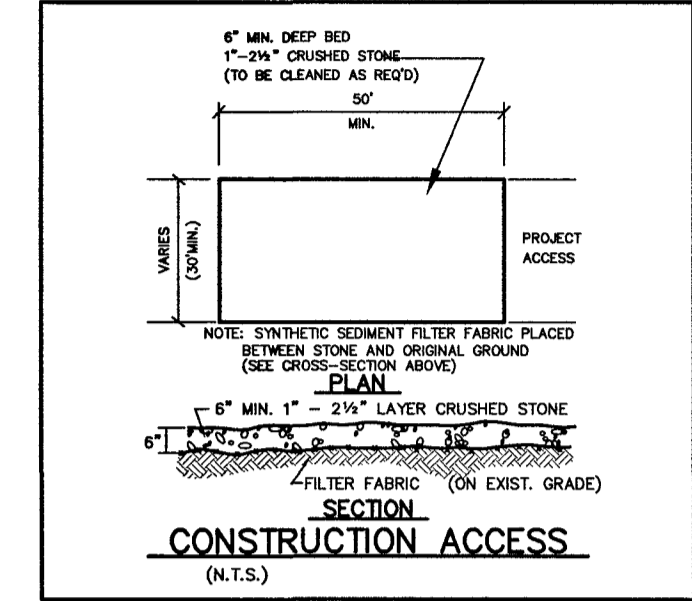
**TEST HOLE 2 NO WATER**

0' - 16" LOAM TOPSOIL

16" - 30" 5/8" S/S, SILTY CLAY LOAM, 5% GRAVEL, 5% COBBLES, SUBANGULAR BLOCKY, DRY, SOFT

30" - 68" 5/8" S/S, SILTY CLAY LOAM, 5% GRAVEL, 5% COBBLES, 10% STONES, SUBANGULAR BLOCKY, DRY, SLIGHTLY HARD

68" - 120" 10/8" S/S, SANDY LOAM, 5% GRAVEL, 10% COBBLES, 10% STONES, SUBANGULAR BLOCKY, DRY, SLIGHTLY HARD



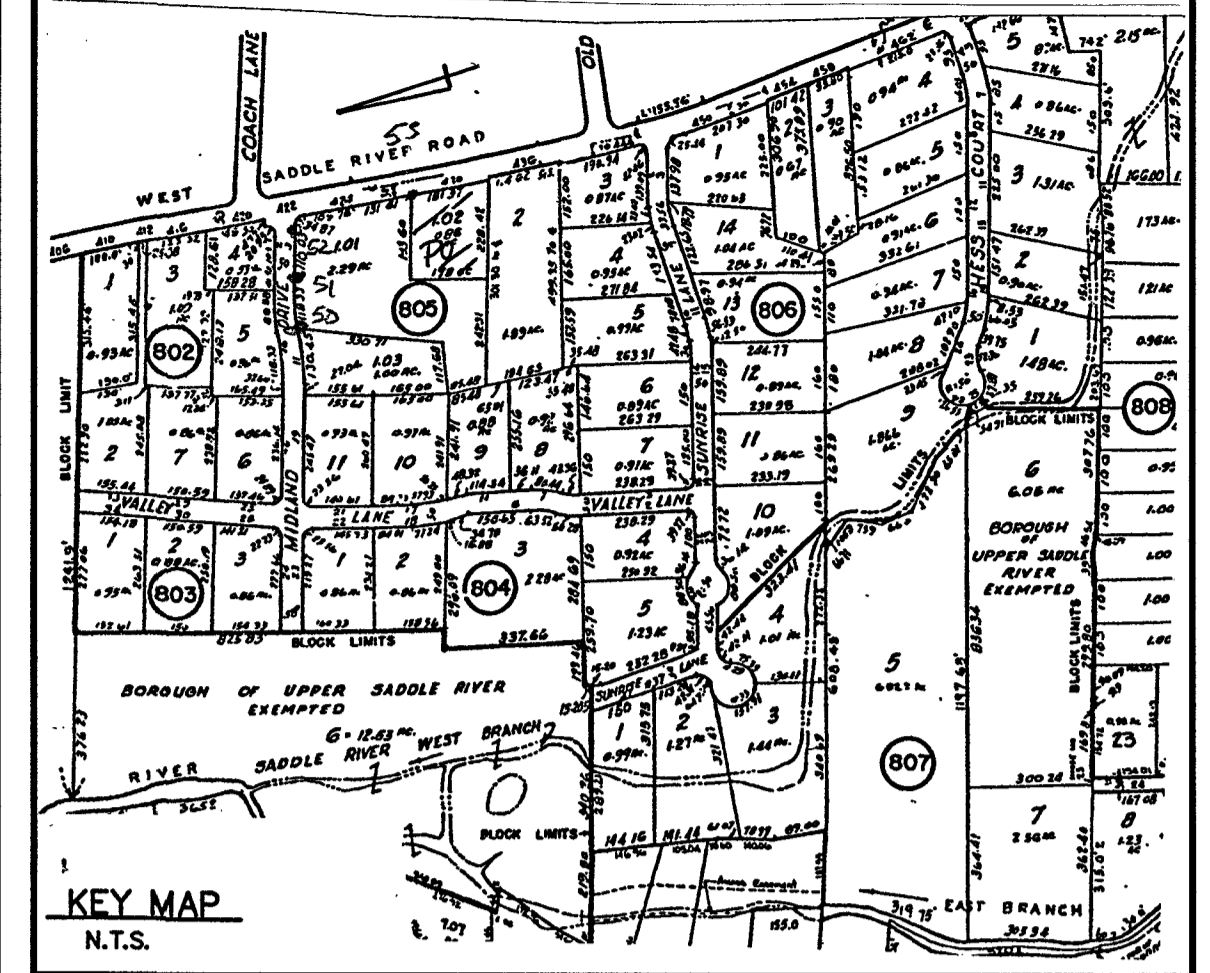
**BERGEN COUNTY SOIL CONSERVATION DISTRICT**

**SOIL EROSION AND SEDIMENT CONTROL NOTES:**

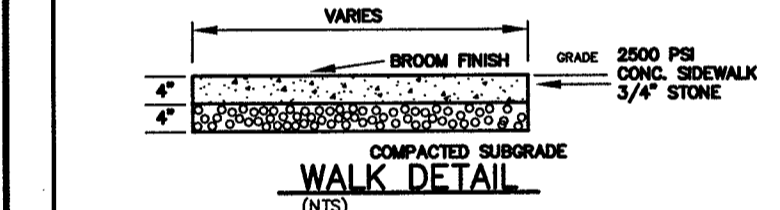
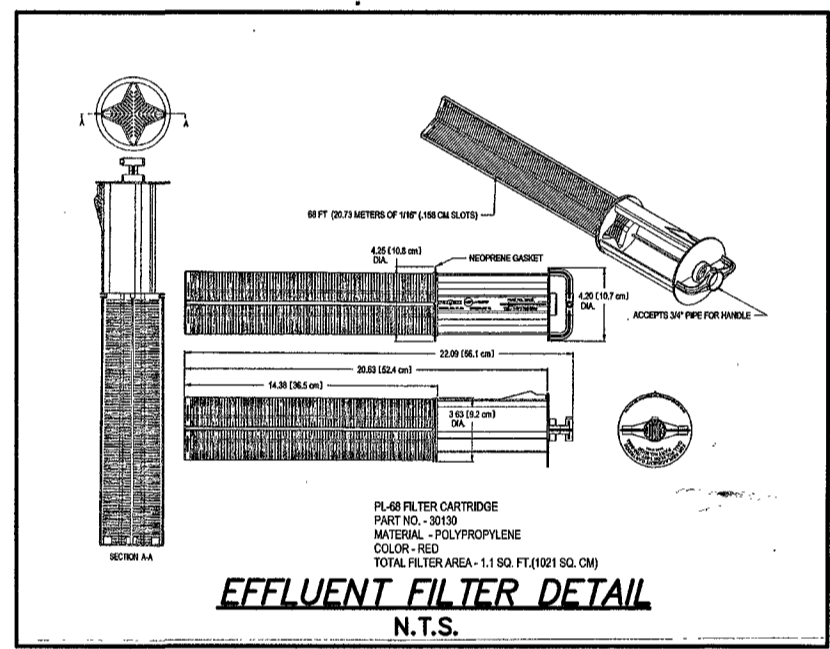
- All soil erosion and sediment control practices will be installed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey (NJ Standards), and will be installed in proper sequence and maintained until permanent stabilization is established.
- Any disturbed area that will be left exposed for more than thirty (30) days and not subject to construction traffic shall immediately receive a temporary seeding and mulching. If the weather prohibits temporary seeding, the disturbed area will be mulched with unrotted straw at a rate of 2 tons per acre anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
- Immediately following initial disturbance or rough grading, all critical areas subject to erosion will receive a temporary seeding in combination with straw mulch at a rate of 2 tons per acre, at a rate of 2 tons per acre, according to the NJ Standards.
- Stabilization Methods:

  - Temporary Seeding and Mulching:
    - Ground Limonite - Applied uniformly according to soil test recommendations.
    - Fertilizer - Apply 11 lbs./1,000 sq. ft. of 10-20-10 or equivalent with 50% water insoluble nitrogen (unless a soil test indicates otherwise) worked into the soil to a minimum of 4".
    - Seed - Universal Vegetative Seed, Item 202, 2 lbs./1,000 sq. ft. or other approved seed blend between March 1 and May 15 or between August 15 and October 1.
    - Mulch - Unrotted straw or hay at a rate of 70 to 90 lbs./1,000 sq. ft. applied to achieve 80% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
  - Permanent Seeding and Mulching:
    - Topsoil - A uniform application to an average depth of 8", minimum of 4" firm in place in prepared.
    - Ground Limonite - Applied uniformly according to soil test recommendations.
    - Fertilizer - Apply 11 lbs./1,000 sq. ft. of 10-10-10 or equivalent with 50% water insoluble nitrogen (unless a soil test indicates otherwise) worked into the soil to a minimum of 4".
    - Seed - Turf type tall fescue (blend of 3 cultivars) 300 lbs./acre @ 8 lbs./1,000 sq. ft. or other approved seed blend between March 1 and October 1.
    - Mulch - Unrotted straw or hay at a rate of 70 to 90 lbs./1,000 sq. ft. applied to achieve 95% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).

- The site shall at all times be graded and maintained such that all stormwater runoff is directed to erosion and sediment control facilities.
- Soil erosion and sediment control measures will be inspected and maintained on a regular basis, including after every storm event.
- Stockpiles are not to be located within 50' of a floodplain, slope, roadway or drainage facility. The base of all stockpiles shall be contained by a highly erodible barrier or silt fence.
- A crushed stone, wheel-cleaning barrier will be installed wherever a construction access road intersects any driveway. Road barrier will be composed of 1" - 2" crushed stone, 6" thick, will be at least 30' x 100' and should be underlain with a suitable synthetic sediment filter fabric and maintained.
- Maximum side slopes of all exposed surfaces shall not exceed 3:1 unless otherwise approved by the District.
- Driveways must be stabilized with 1" - 2" crushed stone or subbase prior to individual lot construction.
- All soil washed, dropped, spilled or tracked outside the limit of disturbance or onto public rights-of-way, will be removed immediately. Permanent measures must be kept clean at all times.
- Catch basin inlets will be protected with an inlet filter designed in accordance with Section 28-14 of the NJ Standards.
- Stormwater drainage outlets will be stabilized, as required, before the discharge points become operational.
- Demolition operations must discharge directly into a sediment control bag or other approved filter in accordance with Section 14-1 of the NJ Standards.
- Soil shall be controlled via the application of water, calcium chloride or other approved method in accordance with Section 14-1 of the NJ Standards.
- There to remain after construction are to be protected with a suitable force installed at the site or by other means in accordance with Section 9-4 of the NJ Standards.
- The project owner shall be responsible for any erosion or sedimentation that may occur below stormwater outlets or off-site as a result of construction of the project.
- Any erosion in the certified Soil Erosion and Sediment Control Plan must be submitted to the District for review and approval prior to implementation in the field.
- A copy of the certified Soil Erosion and Sediment Control Plan must be available at the project site throughout construction.
- The Bergen County Soil Conservation District must be notified, in writing, at least 48 hours prior to any land disturbance. Bergen County SOCD, 700 Kinderkamack Road, Suite 106, Oradell, NJ 07076, Tel: 201-261-1467, Fax: 201-261-7373.
- The Bergen County Soil Conservation District may request additional measures to minimize or offset erosion problems during construction.
- The owner must obtain a District issued report of compliance prior to the issuance of any certificate of occupancy. The report shall include, at least one week's notice by the District, scheduling of all reports of compliance inspections. All site work must be supervised, including temporary stabilization of all exposed areas, prior to the issuance of a report of compliance by the District.

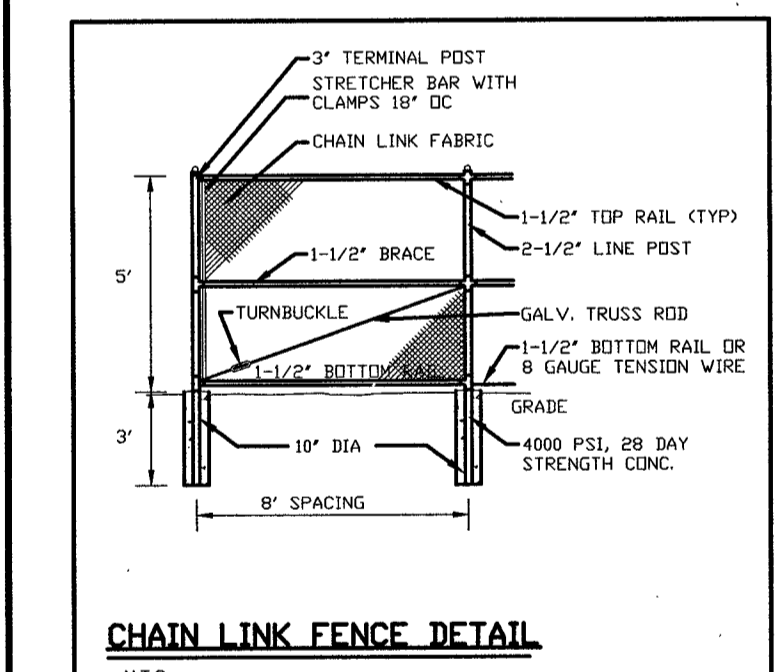
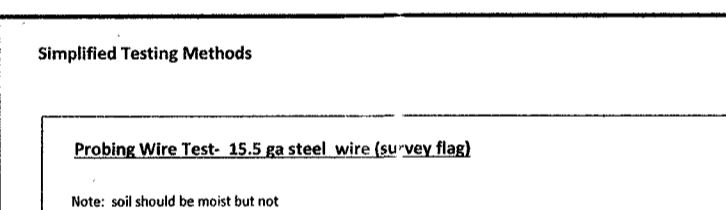


- NOTES**
- CONTOURS SHOWN HEREON ARE IN USGS DATUM
  - TOTAL LOT AREA = 37,559 SF., .86 AC.
  - REFERENCE MAP: FILED MAP # 6535
  - MAXIMUM RIDGE ELEVATION 325.5 (ALLOWED) 328.6 (PROPOSED) - VARIANCE REQUESTED - 3.1' OVER.
  - DEED RESTRICTIONS: NONE
  - UTILITIES TO BE PLACED UNDERGROUND.
  - WATER BY UNITED WATER CO.
  - DRIVEWAY GRADES TO BE A MAXIMUM OF 6% FOR THE FIRST 30 FEET BEYOND THE CURB LINES.
  - ALL PROPOSED SLOPES SHALL BE 3:1 HORIZ., 1:1 VERT MAX.
  - 64 TREES ARE PROPOSED FOR REMOVAL.
  - SEPTIC TANKS SHALL BE WATER TIGHTNESS TESTED AT THE INSTALLATION SITE AFTER THE TANKS HAVE BEEN INSTALLED IN ACCORDANCE WITH N.J.A.C. 7-9A-8.2(m).
  - A PERMANENT, NON CORROSIVE MARKER A MINIMUM OF 6 SQUARE INCHES IN SIZE CONTAINING THE FOLLOWING INFORMATION SHALL BE ATTACHED TO THE MANHOLE COVER OR RISER IMMEDIATELY BELOW THE COVER:
    - THE ADMINISTRATIVE AUTHORITY NAME AND PERMIT NUMBER UNDER WHICH THE SYSTEM WAS INSTALLED.
    - THE DATE OF THE INSTALLATION.
    - THE TYPE OF SYSTEM.
    - THE TOTAL DESIGN CRITERIA IN GALLONS PER DAY.
  - SUITABLE FILL MATERIAL SHALL COMPLY WITH SECTION 10.1F4 OF THE STATE CODE.
  - THE APPLICANT MUST RECYCLE THE FOLLOWING CONSTRUCTION MATERIALS AND 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 APPLICANT TO PROPERLY RECYCLE THESE ITEMS. UPON DISPOSAL OF THESE ITEMS, THE APPLICANT MUST OBTAIN A WEIGHT TONNAGE SLIP THAT SHOULD BE FORWARDED TO THE DEPARTMENT OF PUBLIC WORKS FOR RECYCLING TONNAGE CREDIT.
  - ALL ROADWAY AND CURBING ALONG THE PROPERTY FRONTAGE DAMAGED SHALL BE REPAIRED BY THE APPLICANT TO THE SATISFACTION OF THE BOROUGH ENGINEERING. ROW AREA TO BE RESTORED WITH TOPSOIL AND SEED.
  - POOL EMPTYING PROCEDURES SHALL COMPLY WITH NJDEP REQUIREMENTS.
  - PROPOSED SEEPAGE PITS ARE GREATER THAN 50' FROM ON SITE ADJACENT SEPTIC FIELDS.
  - CURBING CANNOT BE CONSTRUCTED ALONG PROPERTY FRONTAGE SINCE WEST SADDLE RIVER ROAD IS A COUNTY ROAD. COUNTY APPROVAL IS NOT REQUIRED FOR THIS PROJECT SINCE IT IS A SINGLE FAMILY HOME SITE.



**COVERAGE BREAKDOWN:**

DWELLING:	2,750 SF.
FRONT PORCH:	63 SF.
DECK:	635 SF.
BUILDING COVERAGE:	3,447 SF. (9.2%)
WALKS:	292 SF.
DRIVEWAY:	3,366 SF.
POOL/PATIO & EQUIP:	1,537 SF.
A/C & GEN UNITS:	27 SF.
LOT COVERAGE:	8,701 SF. (23.2%)



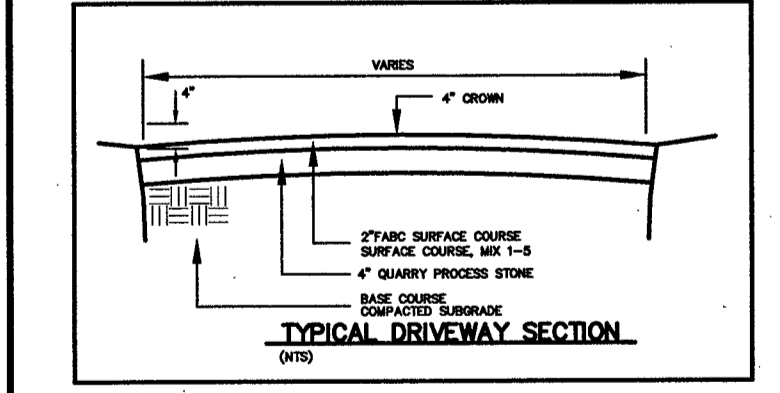
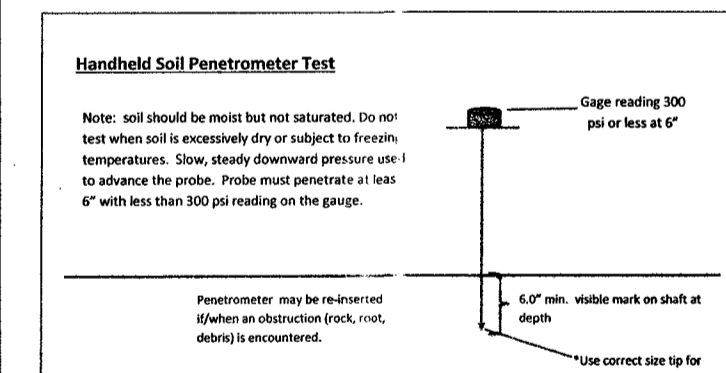
**SOIL MOVEMENT QUANTITIES**

**EXCAVATIONS:**

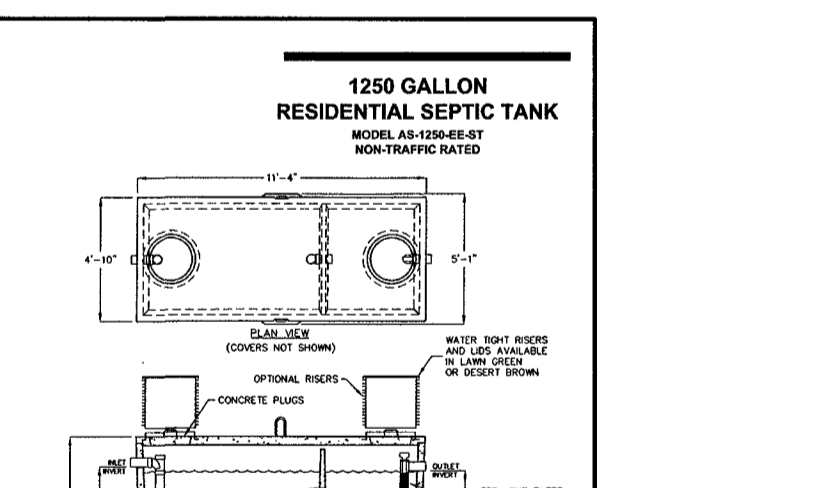
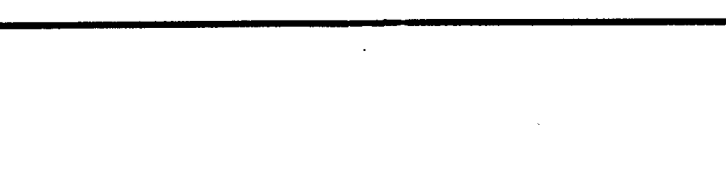
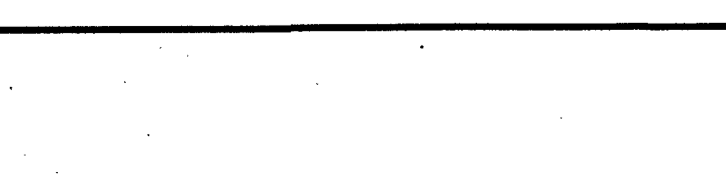
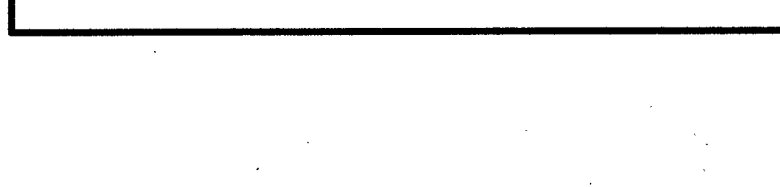
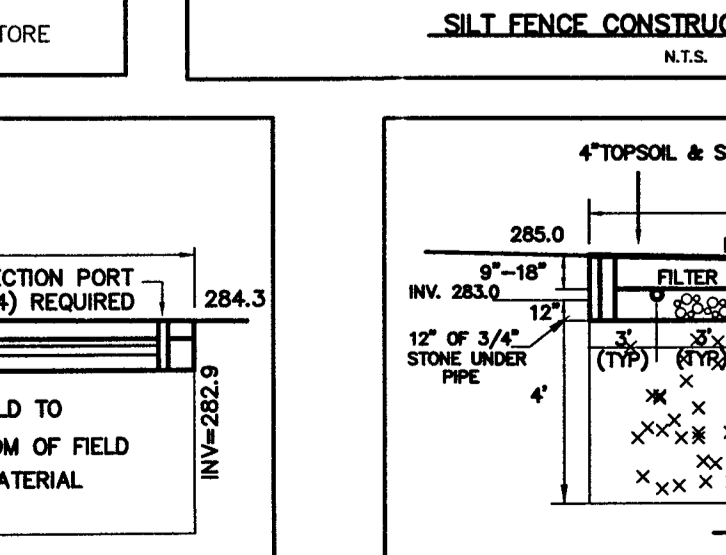
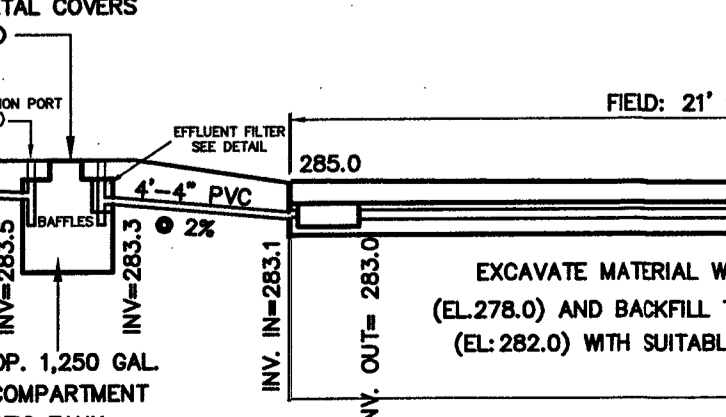
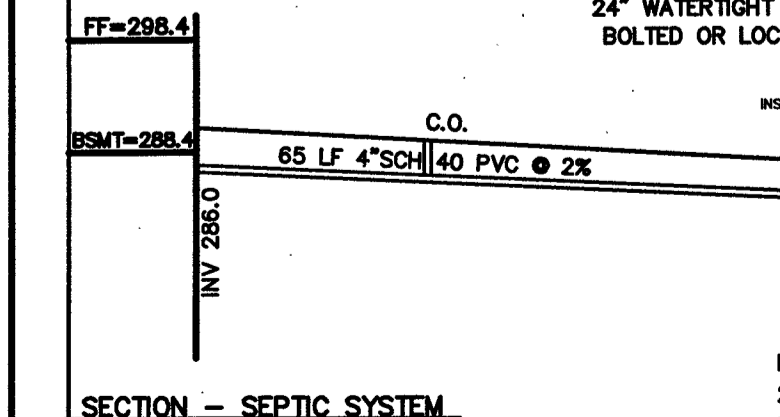
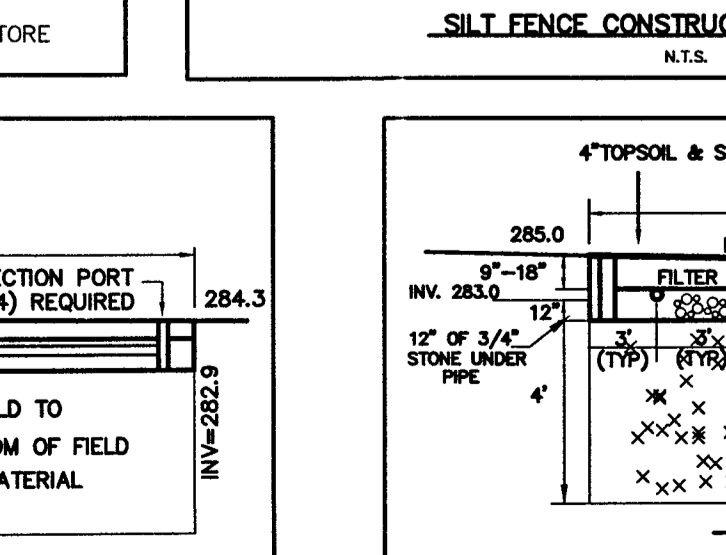
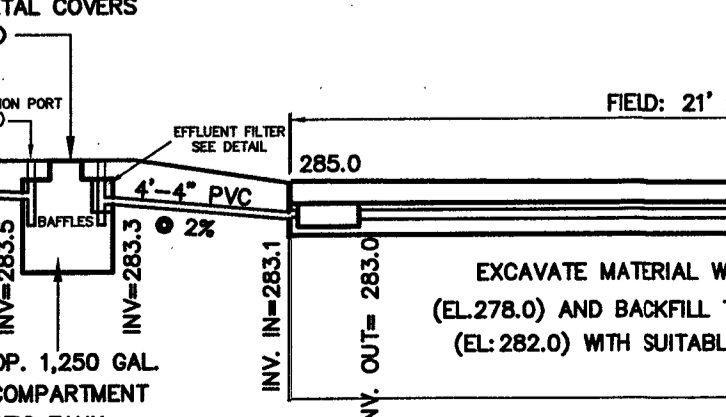
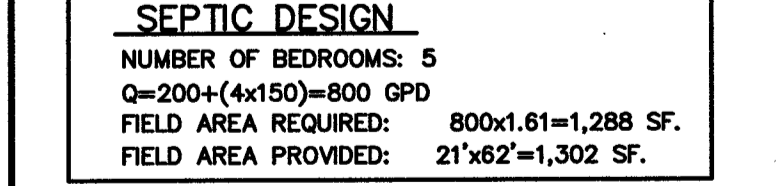
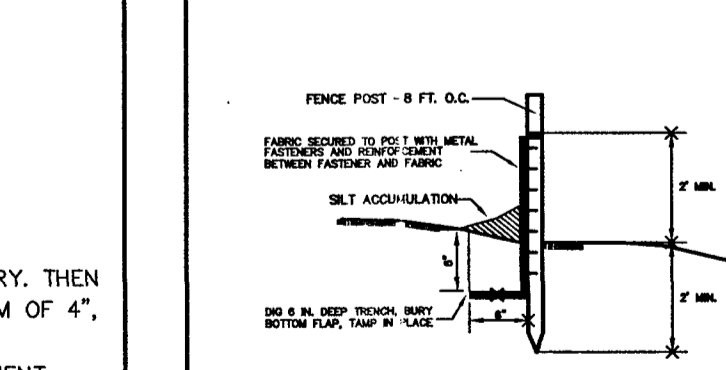
- FOOTINGS: 100' x 2' x 3' DEEP / 27 = 22 CY
- DWELLING: 2100 SF. x 6" DEEP / 27 = 467 CY
- DRIVEWAY: 90' x 20' x 2' DEEP / 27 = 133 CY
- POOL: 512 SF. x 5" DEEP / 27 = 95 CY
- SEPTIC: 1,302 SF. x 6" DEEP / 27 = 289 CY
- TOTAL EXCAVATION: 1,154 CY**

**FILL:**

- SEPTIC: 1,302 SF. x 6" DEEP / 27 = 289 CY
- FRONT: 40' x 20' x 1' HIGH = 30 CY
- REAR: 50' x 15' x 1' HIGH = 28 CY
- TOTAL FILL: 347 CY**



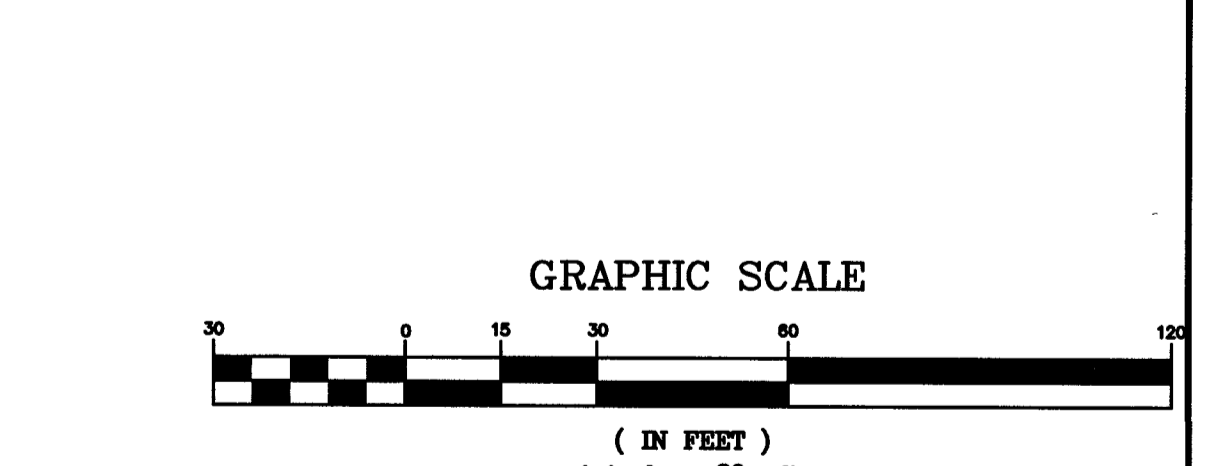
- STANDARD CONSTRUCTION SCHEDULE**
- INSTALL ALL SILT FENCING AND WHEEL TRACKING STRIP & INLET FILTERS.
  - CLEAR TREES AS APPROVED BY BOROUGH.
  - CLEAR AND STRIP TOPSOIL FROM ALL AREAS TO BE DISTURBED. REMOVE ANY EXISTING PAVED AREAS SO MARKED.
  - STACKPILE TOPSOIL AND TEMPORARILY SEED SAME.
  - EXCAVATE FOR AND INSTALL ALL FOUNDATION FOR DWELLING.
  - INSTALL ALL UNDERGROUND UTILITIES.
  - CONSTRUCT DWELLING AS REQUIRED.
  - CONDUCT SOIL COMPACTION TESTING AND REMEDIATE SUBSOIL (SCARIFICATION/TILLAGE TO A MINIMUM DEPTH OF 6" AS NECESSARY. THEN 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 VEGETATION AFTER ALL CONSTRUCTION IS COMPLETED AND RESTORE AREA TO DESIGN OR ORIGINAL CONDITION.



**ZONING REQUIREMENTS (R-1 RESIDENTIAL ZONE)**

ITEM	REQUIRED	PROPOSED
LOT AREA	37,500 SF.	37,559 SF.
LOT WIDTH	150 FT.	181.37 FT.
LOT DEPTH	150 FT.	193.60 FT.
FRONT YARD	50 FT.	55.5 FT.
SIDE YARD	35 FT.	49.0 FT.
REAR YARD	35 FT.	97.7 FT.
BUILDING HEIGHT	35 FT.	38.1 FT. *
BUILDING COVERAGE	15 %	9.2%
LOT COVERAGE	30 %	23.2%

\* VARIANCE REQUESTED



**PLOT PLAN**

**SOIL EROSION AND SEDIMENT CONTROL PLAN**

LOT 1.02, BLOCK 805

CURRENT TAX ASSESSMENT MAP NO. 8

430 WEST SADDLE RIVER ROAD

BOROUGH OF UPPER SADDLE RIVER, BERGEN COUNTY, NEW JERSEY

SCALE: 1"=30' DRAFTED BY: JDL DATE: 7/19/21 JOB NO. 2020-244 SHEET: 1 OF 1

**OWNER & APPLICANT:**

MR. & MRS. CARUCCI

430 WEST SADDLE RIVER ROAD

UPPER SADDLE RIVER, NJ

**ROBERT J. WEISSMAN, P.E. & L.S.**

WEISSMAN ENGINEERING CO., P.C.

PROFESSIONAL ENGINEER AND LAND SURVEYOR

686 GOODWIN AVENUE, MIDLAND PARK, NJ 07432

VOICE (201) 445-2799, FAX (201) 445-0483

Email: wecan@optonline.net

CERTIFICATION OF AUTHORIZATION # 246A27928800

N.J. P.E. & L.S. LIC. NO. 29,624

**LEGEND**

- EXIST. CONTOUR
- PROPOSED CONTOUR
- PROPERTY LINE
- EXIST. PAVEMENT
- PROPOSED PAVEMENT
- PROPOSED CURB
- TREE TO BE REMOVED
- EXIST. GRADE
- PROP. GRADE

**OWNER & APPLICANT:**

NO.	DATE	DESCRIPTION	BY
3	2/25/22	PER ENG. 2/25/22 LTR. & B.C.S.C.D. COMMENTS	R/W
2	2/14/22	RAISED HOUSE PER OWNER	R/W
1	10/14/21	REV. PER OWNER	R/W

