GEOGRAPHIC INDEX 41–29–17.2 –73–52–03.3

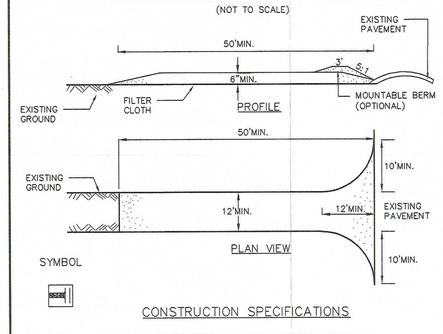
PUTNAM COUNTY DEPARTMENT OF HEALTH
CONSTRUCTION NOTES FOR SUBSURFACE SEWAGE TREATMENT SYSTEMS & WELL WATER SUPPLIES SERVING SINGLE–FAMILY RESIDENCES

1. ALL TREES WITHIN 10 FEET OF THE PROPOSED SUBSURFACE SEWAGE TREATMENT SYSTEM (SSTS) SHALL BE REMOVED.
2. SSTS TO BE INSPECTED BY THE LICENSED DESIGN PROFESSIONAL AND THE PUTNAM COUNTY HEALTH DEPARTMENT AFTER CONSTRUCTION AND PRIOR TO BACKFILL.
3. THE SSTS AREA SHALL BE STAKED AND ROPED OFF SO THAT NO TRUCKS, MACHINERY, BUILDING MATERIALS, NOR EXCAVATED EARTH SHALL BE ALLOWED IN THE SSTS AREA.
4. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION AND MUST BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE AND STABILIZATION HAS OCCURRED.
5. CONSTRUCTION OF SSTS TO BE IN ACCORDANCE WITH THESE PLANS, ANY REVISIONS THERETO, AND THE RULES AND REGULATIONS OF THE PERMIT ISSUING GOVERNMENTAL AGENCY.
6. THE WELL IS TO BE A DRILLED WELL CONSTRUCTED IN ACCORDANCE WITH NEW YORK STATE HEALTH DEPARTMENT 10 NYCRR APPENDIX 5B STANDARDS FOR WATER WELL. PUMP TESTED FOR A MINIMUM OF 6 HOURS AND HAVE A MINIMUM SAFE YIELD OF 5 GPM. YIELDS LESS THAN 5 GPM WILL BE IMMEDIATELY REPORTED TO THE PUTNAM COUNTY DEPARTMENT OF HEALTH.
7. THE SSTS DESIGN SHOWN HEREON DOES NOT PROVIDE FOR THE INSTALLATION OF A GARBAGE GRINDER. SUCH INSTALLATION REQUIRES ADDITIONAL DESIGN AND THE APPROVAL OF THE PUTNAM COUNTY DEPARTMENT OF HEALTH.
8. PUTNAM COUNTY HEALTH DEPARTMENT APPROVAL IS BASED ON THE LOCATION OF THE SSTS, WELL, BUILDING, SETBACKS, AND DRIVEWAYS AS SHOWN ON THE APPROVED DRAWING. MODIFICATIONS ARE TO HAVE PRIOR PUTNAM COUNTY HEALTH DEPARTMENT APPROVAL. UNAUTHORIZED MODIFICATIONS MADE TO THIS DRAWING AFTER THE DATE OF PUTNAM COUNTY HEALTH DEPARTMENT APPROVAL VOIDS SAID APPROVAL.
9. ALL STONE WALLS IN AND WITHIN 10 FEET OF SSTS AREA SHALL BE REMOVED TO THEIR ENTIRE DEPTH AND THE RESULTING VOID REPLACED WITH SIMILAR ON SITE SOIL.
10. CUT OR FILL IS NOT PERMITTED IN THE SSTS AREA, EXCEPT IF SO SPECIFIED ON THIS PLAN.
11. AFTER BACKFILLING THE SYSTEM, THE SSTS AREA SHALL BE COVERED WITH A MINIMUM OF 6 INCHES OF TOPSOIL, SEEDED, AND MULCHED.
12. OCCUPANCY OF THIS STRUCTURE WILL NOT BE PERMITTED UNTIL THE CONSTRUCTION COMPLIANCE APPLICATION HAS BEEN RECEIVED AND APPROVED BY THE PUTNAM COUNTY HEALTH DEPARTMENT AND FORWARDED TO THE BUILDING INSPECTOR OF THE RESPECTIVE MUNICIPALITY AS PART OF THE CERTIFICATE OF OCCUPANCY APPLICATION.
13. THIS PLAN IS APPROVED FOR SEWAGE TREATMENT AND/OR WATER SUPPLY ONLY, AND ALL OTHER REQUIRED PERMITS AND/OR APPROVALS ARE THE RESPONSIBILITY OF THE PERMITTEE.
14. THE PUTNAM COUNTY HEALTH DEPARTMENT APPROVAL EXPIRES TWO (2) YEARS FROM THE DATE ON THE APPROVAL LETTER AND IS REQUIRED TO BE RENEWED ON OR BEFORE THE EXPIRATION DATE. THE APPROVAL IS REVOCABLE FOR CAUSE OR MAY BE AMENDED OR MODIFIED WHEN CONSIDERED NECESSARY BY THE DEPARTMENT.
15. A COPY OF THE HOUSE PLANS SUBMITTED TO THE BUILDING INSPECTOR OF THE LOCAL MUNICIPALITY, WHEN FILING FOR A BUILDING PERMIT, MUST BE SUBMITTED TO THE PUTNAM COUNTY HEALTH DEPARTMENT TO VERIFY BEDROOM COUNT
16. THE HOUSE, WELL AND SSTS SHALL BE SURVEY LOCATED AND STAKED BY A NYS LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION.
17. FOR ALL SSTS'S WHICH ARE SUBJECT TO JOINT REVIEW AND APPROVAL WITH NYCDEP THE DESIGN PROFESSIONAL IS TO NOTIFY PCHD AND NYCDEP AT LEAST 24 HOURS PRIOR TO THE COMMENCEMENT OF THE SSTS CONSTRUCTION.

ADDITIONAL SSTS & WELL NOTES

18. HOUSE SEWER SHALL BE 4 INCH DIAMETER CAST IRON, OR APPROVED EQUIVALENT IN PHILIPSTOWN AND CARMEL, SET ON A PITCH OF 1/4 INCH PER FOOT. WATER TIGHT AND ROOT PROOF. ALL OTHER PIPES, PERFORATED AND NON–PERFORATED SHALL BE 4 INCH DIAMETER PVC CONFORMING TO ASTM DESIGNATION D3350, UNLESS OTHERWISE NOTED. 90° BENDS ARE NOT PERMITTED. 45° BENDS MUST BE FITTED WITH A CLEANOUT. MAXIMUM SPACING BETWEEN CLEANOUTS IS 50 FEET.
19. ALL PROPOSED SSTS AND RESERVE AREAS LOCATED AT A POSTED MINIMUM SEPARATION DISTANCE SHALL BE STAKED BY A NYS LICENSED LAND SURVEYOR.
20. NO FOOTING, CELLAR OR ROOF DRAIN SHALL BE DISCHARGED INTO THE SEWAGE SYSTEM. ALL SUCH DRAINS SHALL BE DISCHARGED AWAY FROM THE ABSORPTION AREAS.
21. NO SEWAGE TREATMENT SYSTEM SHALL BE PLACED WITHIN 35 FEET OF ANY STORM DRAIN PIPE OR WITHIN 100 FEET OF ANY LAKE, POND, WATER COURSE OR WET AREA.
22. NO LATERAL SHALL BE PLACED WITHIN 10 FEET OF A DRIVEWAY.
23. ALL LAUNDRY AND KITCHEN WASTES SHALL BE DISCHARGED INTO THE SEWAGE SYSTEM.
24. WELL LOG AND WATER ANALYSIS MUST BE SUBMITTED TO THE HEALTH DEPARTMENT BEFORE A CERTIFICATE OF CONSTRUCTION COMPLIANCE WILL BE ISSUED.
25. PRECAST CONCRETE SEPTIC TANK SHALL BE DESIGNED TO WITHSTAND ALL EXTERNAL LOADS. STRUCTURAL DESIGN OF THE TANK SHALL BE RESPONSIBILITY OF THE TANK MANUFACTURER.
26. THE WELL CASING SHALL EXTEND 18 INCHES ABOVE FINISHED GRADE.
27. PROPERTY BOUNDARY SHOWN HEREON IS AS SHOWN ON THAT CERTAIN MAP ENTITLED "SURVEY OF PROPERTY PREPARED FOR FRANCINE CIFARELLI.." PREPARED BY BADEY AND WATSON SURVEYING AND ENGINEERING, P.C., DATED NOVEMBER 15, 2021. TOPOGRAPHIC DATA SHOWN HEREON IS AS SHOWN ON THAT CERTAIN MAP ENTITLED "TOPOGRAPHIC SURVEY PREPARED FOR FRANCINE CIFARELLI.." PREPARED BY BADEY AND WATSON SURVEYING AND ENGINEERING, D.P.C., DATED DECEMBER 5, 2023.
28. VERTICAL DATUM HEREON IS NAVD 1988.
29. THE CONDITIONS NOTED ON THE P.C.H.D. CERTIFICATE OF APPROVAL ARE AN INTEGRAL PART OF THIS APPROVAL, AND COMPLIANCE IS REQUIRED.
30. NO EXISTING OR PROPOSED SEPTIC SYSTEMS ARE WITHIN 200 FEET OF PROPOSED WELL EXCEPT AS SHOWN. NO EXISTING OR PROPOSED WELLS ARE WITHIN 200 FT. OF PROPOSED SEWAGE DISPOSAL SYSTEM EXCEPT AS SHOWN.
31. THERE ARE NO WATERCOURSES, STREAMS, WETLAND BOUNDARIES, OR 100 YEAR FLOOD PLAIN LIMITS, OTHER THAN THOSE SHOWN HEREON, WITHIN 250 FEET OF THE PROPOSED SSTS SHOWN HEREON.
32. THERE ARE NO STREAMS, WETLANDS, DRAINAGE COURSES, ETC., OTHER THAN THOSE SHOWN HEREON, WITHIN 200 FEET OF THE SUBJECT PARCEL BOUNDARY.
33. THE SUBSURFACE SEWAGE TREATMENT SYSTEM HEREON IS DESIGNED 11 TO 15 MINUTES PER INCH.
34. ALL MINIMUM HORIZONTAL SEPARATION DISTANCES ARE TO BE MEASURED FROM THE TOE OF THE FILL PAD, NOT FROM THE ABSORPTION TRENCH

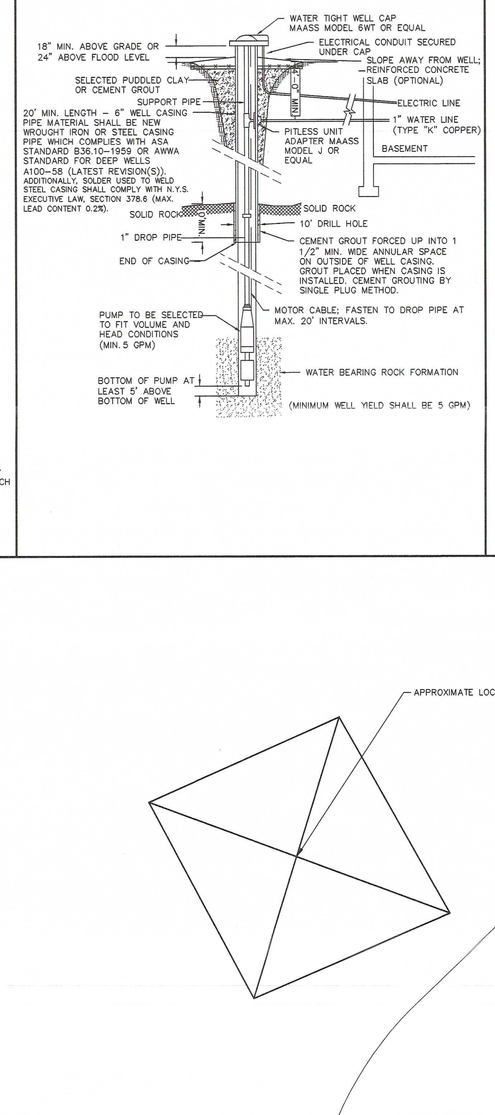
STABILIZED CONSTRUCTION ENTRANCE
(NOT TO SCALE)



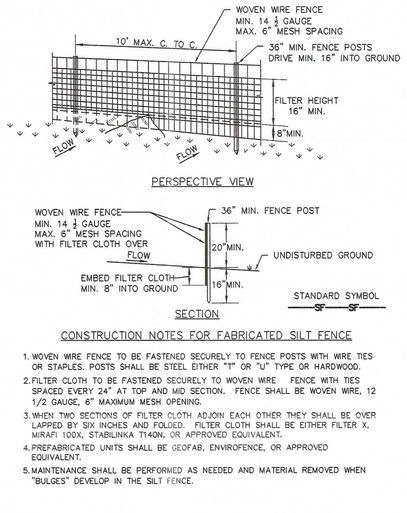
CONSTRUCTION SPECIFICATIONS

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 FOOT MINIMUM 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 BERM 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 RIGHTS–OF–WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS–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.

WELL DETAIL
(NOT TO SCALE)



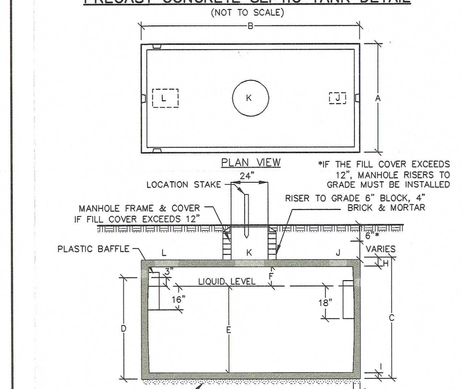
SILT FENCE DETAIL
(NOT TO SCALE)



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" 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, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIRONETT, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

PRECAST CONCRETE SEPTIC TANK DETAIL
(NOT TO SCALE)



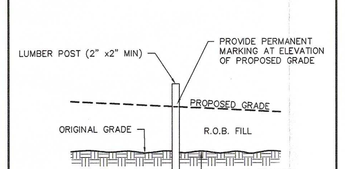
AS MANUFACTURED BY MID–HUDSON CONCRETE PRODUCTS, INC.

SEPTIC TANK DIMENSIONS

NOMINAL SIZE	A	B	C	D	E	F	G	H	I	J	K	L
1,000 GAL	58	102	67	56	48	9	3	5	4	6X9	18	10X14

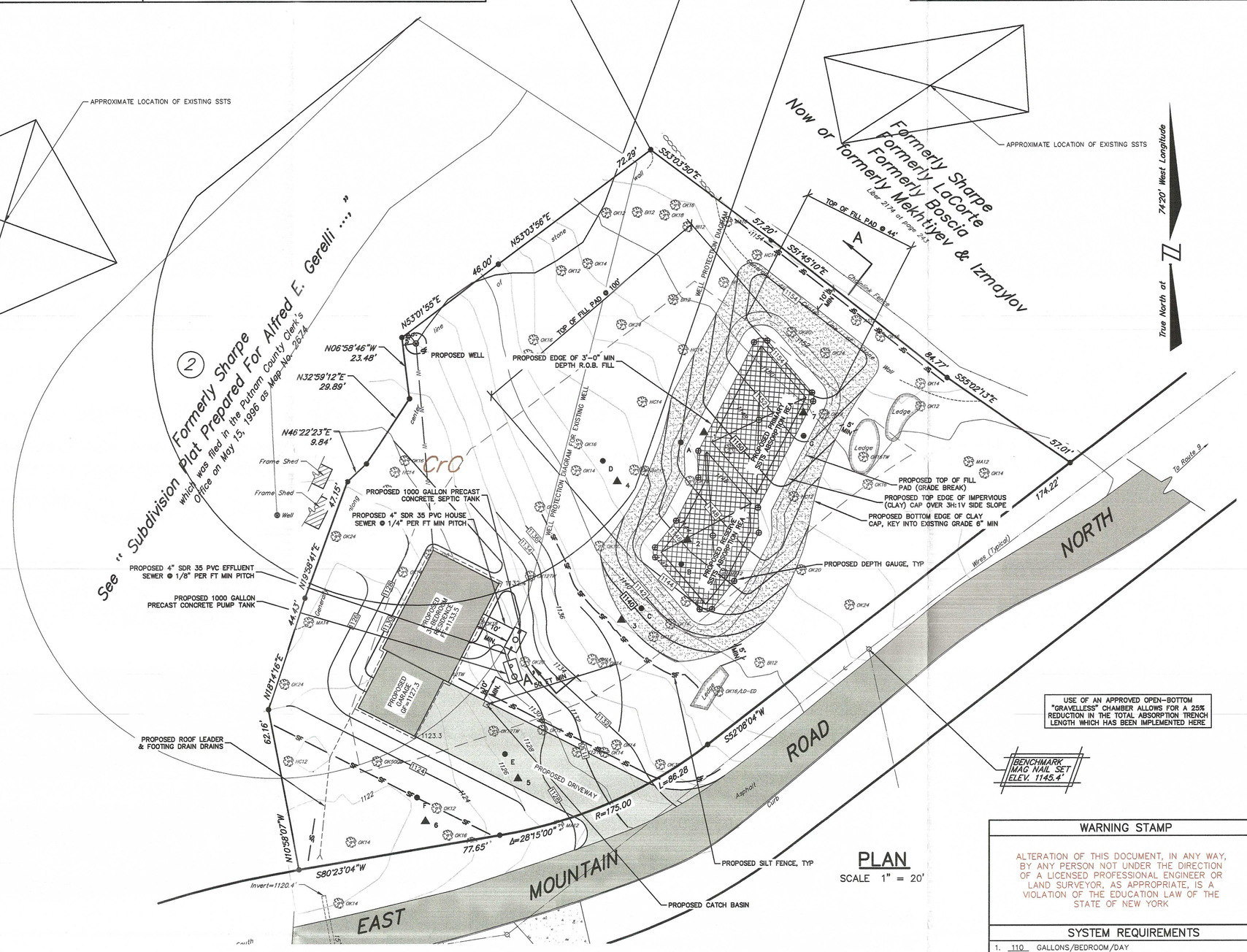
1. ALL DIMENSIONS ARE IN INCHES
2. STEEL REINFORCEMENT: A.S.T.M. A496–A615 GRADE 60–60 KSI
3. JOINTS SEALED WITH ASPHALT CEMENT OR EQUAL
4. CONCRETE: 4000 PSI @ 28 DAYS, 5%+–2% AIR ENTRAINMENT
5. EQUIPPED WITH POLYLOK SEALS
6. DESIGN LOADING A–0.3/300 PSI – WALKWAYS, FLOTATION FORCES NOT ACCOUNTED FOR
7. MAX. COVER OVER TANK: 3' OF EARTH FILL
8. MIN 1" CONCRETE COVER OVER REINFORCEMENT
9. TANK TO CONFORM WITH ASTM C1227

DEPTH GAUGE DETAIL
(NOT TO SCALE)



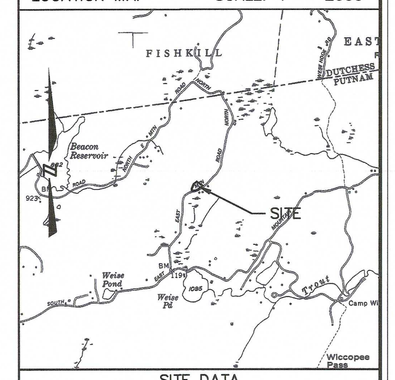
PROVIDE DEPTH GAUGES AT TOP OF SLOPE FILL PAD CORNERS AND IN THE CENTER OF FILL PAD: SEE PLAN VIEW.

AREA = 1.057 ACRES



PLAN
SCALE 1" = 20'

LOCATION MAP
SCALE: 1" = 2000'



SITE DATA

TAX MAP NUMBER
SECTION: 17.
BLOCK: 2
LOT: 81

FILED MAP INFORMATION
SUBDIVISION NAME: N/A
SUBDIVISION LOT NO. N/A
FILED MAP NO. N/A
DATE FILED: N/A

FIELD TEST RESULTS

DEEP TEST HOLES

NO. 1	NO. 2	NO. 3	NO. 4	SOIL LAYER DESCRIPTION
2023	2023	2023	2023	
0 | 6	0 | 6	0 | 4	0 | 6	TOPSOIL
6 | 30	6 | 30	4 | 30	6 | 30	ORANGE–BROWN LOAM
30| 48	30| 54	30| 54	30| 42	GRAYISH–BROWN C. SANDY LOAM W/ COBBLES
48	54	54	42	LEDGEROCK

NO. 5	NO. 6	NO. 7		SOIL LAYER DESCRIPTION
2023	2023	2023	–	
0 | 4	0 | 4	0 | 6	– | –	TOPSOIL
4 | 30	4 | 48	6 | 30	– | –	ORANGE–BROWN LOAM
30| 60	– | –	30| 60	– | –	GRAYISH–BROWN C. SANDY LOAM W/ COBBLES
– | –	48| 66	– | –	– | –	MEDIUM BROWN CLAY LOAM
60	66	60	–	LEDGEROCK

NOTE: ALL DEPTHS ARE IN INCHES FROM TOP OF HOLE.
DEEP HOLES LOGGED WITH D. HOELLGER OF P.C.D.H. ON 11/15/23.
MOTTLING OBSERVED @ 48" IN NO. 6
GROUNDWATER ENCOUNTERED @ 60" IN NO. 6.

PERCOLATION TESTS

NO.	DATE	DEPTH	RATE	COMMENTS
A	11/16/23	24"	12 MIN/IN	
B	11/16/23	24"	15 MIN/IN	
C	11/16/23	24"	15 MIN/IN	
D	11/16/23	24"	30 MIN/IN	NOT IN DESIGN AREA
E	11/16/23	24"	60 MIN/IN	NOT IN DESIGN AREA
F	11/16/23	24"	30 MIN/IN	NOT IN DESIGN AREA
G	11/16/23	24"	12 MIN/IN	

NOTE: ALL DEPTHS ARE IN INCHES FROM TOP OF HOLE.
ALL HOLES PRE–SOAKED 24 HOURS PRIOR TO TESTING

LEGEND

- PERC TEST LOCATION W/DESIGNATION
- DEEP TEST LOCATION W/DESIGNATION
- F.F. PROPOSED FIRST FLOOR ELEVATION
- B.F. PROPOSED BASEMENT FLOOR ELEVATION
- G.F. PROPOSED GARAGE SLAB ELEVATION
- PROPOSED ROOF LEADER/FOOTING DRAIN
- PROPOSED WELL
- PROPOSED WATER SERVICE
- PROPOSED MAJOR CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- PROPOSED SILT FENCE

WATERSHED: HUDSON RIVER
WATER SUPPLY: PRIVATE INDIVIDUAL WELL

REVISIONS

DATE	DESCRIPTION
05/08/24	ORIGINAL DRAWING
05/13/24	ADDED FILL CERTIFCATION STATEMENT AND CONSTRUCTION NOTE
07/11/24	PCDH COMMENTS DATED 07/07/24
08/15/24	HYDRAULIC PROFILE CALL–OUT

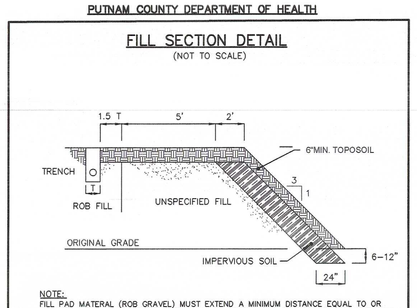
PUTNAM COUNTY DEPARTMENT OF HEALTH
CONSTRUCTION NOTES FOR SUBSURFACE SEWAGE TREATMENT SYSTEMS SERVING SINGLE–FAMILY RESIDENCES

1. FILL MUST BE STABILIZED BY ALLOWING THE FILL MATERIAL TO SETTLE NATURALLY FOR A PERIOD OF AT LEAST 6 MONTHS AND INCLUDE AT LEAST ONE (1) FREEZE–THAW CYCLE OR FILL STABILIZATION MAY BE ACHIEVED BY MECHANICAL COMPACTION IN APPROXIMATELY 6 INCH LIFTS TO THE APPROXIMATE DENSITY OF THE UNDISTURBED UNDERLYING SOIL.
2. SITE MODIFICATION ACTIVITIES INVOLVING PLACEMENT OF FILL ARE TO BE CONDUCTED DURING RELATIVELY DRY PERIODS TO MINIMIZE SOIL SMEARING AND EXCESSIVE SOIL COMPACTION.
3. THE REQUIRED DEPTH OF FILL WITHIN THE SEWAGE TREATMENT SYSTEM AREA IS 3 FEET WHICH APPROXIMATES TO 300 CUBIC YARDS. FILL SHALL BE RUN OF BANK GRAVEL MATERIAL SUITABLE FOR SEWAGE ABSORPTION. USE OF EMCC OR OTHER UNSUITABLE MATERIAL WILL RESULT IN A SLOWER BUILDING PERMIT ISSUANCE DATE. IF SOIL IS LESS COMPACT THAN THE NATURAL UNDERLYING SOIL AFTER THE REQUIRED STABILIZATION PERIOD, THE DESIGN PROFESSIONAL SHALL PERFORM A MINIMUM OF TWO (2) PERCOLATION TESTS IN THE FILL AFTER STABILIZATION IS ACHIEVED.
4. FILL SUITABLE FOR SEWAGE ABSORPTION SHOULD CONTAIN NO MORE THAN 5 PERCENT AND PREFERABLY NO MORE THAN 2 PERCENT FINES BY WEIGHT. FINES ARE CLAY AND SILT PARTICLES THAT PASS A #200 SIEVE. NO MORE THAN 10 PERCENT BY WEIGHT OF THE FILL MATERIAL SHOULD PASS A #100 SIEVE.
5. THE IMPERVIOUS FILL SHALL BE A DENSE CLAY TYPE SOIL WITH LITTLE OR NO SEWAGE ABSORPTION CAPACITY.
6. THIS IS AN ESTIMATE OF MATERIAL IN PLACE, VOLUME OF MATERIALS:

(THIS IS AN ESTIMATE–OF FILL IN PLACE)

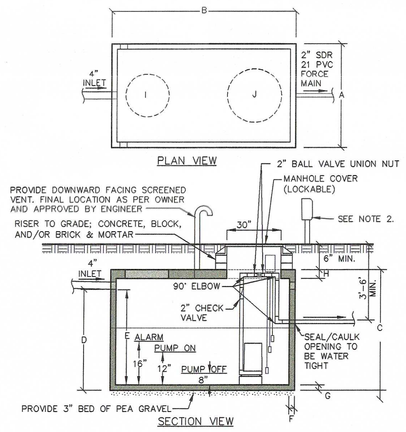
R.O.B. FILL	300 CY
UNSPECIFIED FILL	300 CY
IMPERVIOUS SOIL	120 CY
TOP SOIL	170 CY

PUTNAM COUNTY DEPARTMENT OF HEALTH
FILL SECTION DETAIL
(NOT TO SCALE)



NOTE:
FILL PAD MATERAL (ROB GRAVEL) MUST EXTEND A MINIMUM DISTANCE EQUAL TO OR GREATER THAN 1.5 TIMES THE TRENCH WIDTH BEYOND THE SIDEWALL OF THE TRENCH. AFTER FILL PAD MATERIAL, THERE MUST BE 5 FEET OF ADDITIONAL UNCLASSIFIED PERVIOUS SOIL, WITH THE FINAL 2 FEET BEING IMPERVIOUS SOIL WITH A ONE (1) TO THREE (3) HORIZONTAL SLOPE. THE TOE OF THE SLOPE SHALL EXTEND INTO THE VIRGIN SOIL 6 TO 12 INCHES DEEP AND 24 INCHES WIDE. TOPSOIL SHALL BE APPLIED IN ACCORDANCE WITH APPENDIX 75–A, SECTION A.9 (8–4–IV)

PRECAST CONCRETE PUMP TANK DETAIL
1000 GALLON CAPACITY TOTAL, 259 GAL./FT.
(NOT TO SCALE)

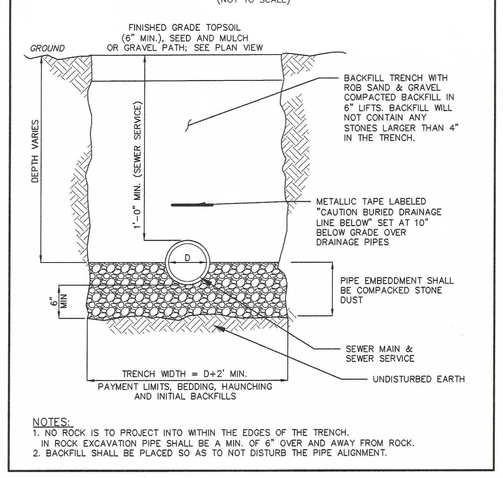


PUMP TANK DIMENSIONS

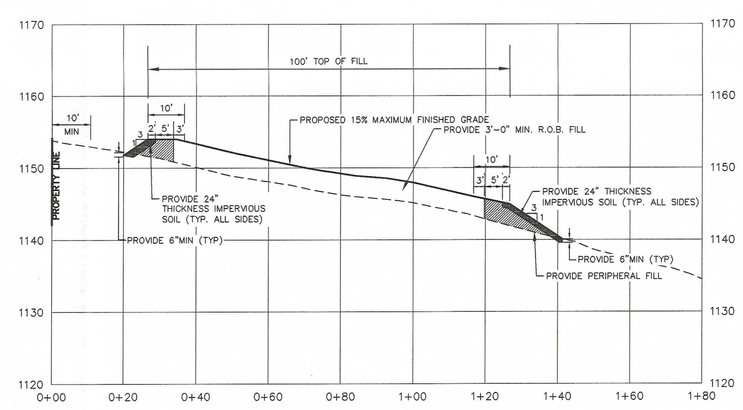
NOMINAL SIZE	A	B	C	D	E	F	G	H	I	J
1000 GAL	58	102	67	56	51	3	5	5	24	30

1. ALL ELECTRICAL WORK AND MATERIAL FOR PUMP INSTALLATION SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE.
2. AN ALL WEATHER JUNCTION BOX WITH AN OUTLET AND SCREWED COVER SHALL BE PROVIDED AT OR ABOVE GRADE AT THE PUMP CHAMBER TO ALLOW FOR A PLUG–IN CONNECTION FOR THE PUMP.
3. THE PUMP CONTROL PANEL, AND AUDIO–VISUAL ALARMS SHALL BE LOCATED INSIDE THE HOUSE OR BUILDING.
4. AN ELECTRICAL UNDERWRITER'S CERTIFICATE FOR THE PUMP CHAMBER MUST BE PROVIDED TO THE PUTNAM COUNTY HEALTH DEPARTMENT PRIOR TO THE DEPARTMENT CONDUCTING A FINAL INSPECTION ON THE PUMP CHAMBER.
5. PROVIDE 88 GALLON DOSE VOLUME. CALCULATIONS OF DOSE AND PUMP ELEVATION SETTINGS
   DOSE
   88 GAL. = 0.34 FT
   259 GAL./FT. .412
   4.08" = 4" DRAWDOWN
6. CALCULATIONS OF STORAGE
   REQUIRED HYDRAULIC CAPACITY 330 GPD
   (1) DAYS OF STORAGE
   330 GAL. = 1.27 FT
   259 GAL./FT. .412
   15.2" = 15" (1) DAYS OF STORAGE PROVIDED
7. PROVIDE ONE (1) "GOULDS" SUBMERSIBLE EFFLUENT PUMP, MODEL 3885–WE05HH
8. PROVIDE 210' 2" SDR 21 FORCE MAIN WITH 90° DOWNWARD FACING ELBOW INTO DISTRIBUTION BOX.

SEWER MAIN/SEWER SERVICE TRENCH DETAIL
(NOT TO SCALE)



NOTES:
1. NO ROCK IS TO PROJECT INTO WITHIN THE EDGES OF THE TRENCH. IN ROCK EXCAVATION PIPE SHALL BE A MIN. OF 6" OVER AND AWAY FROM ROCK.
2. BACKFILL SHALL BE PLACED SO AS TO NOT DISTURB THE PIPE ALIGNMENT.



PROPOSED SECTION A–A' THRU FILL PAD
SCALE: V: 1"=10
H: 1"=20

SOILS LEGEND

Map Symbol	Hydrologic Group	Soil Name
CrC	B	CHARLTON–CHATFIELD complex, rolling, very rocky

= Soil delineation (boundary) lines

Soils classifications and delineated lines have been derived from U.S. Department of Agriculture, Soil Conservation Service "Soil Survey of Putnam & Westchester Counties, New York" issued September 1994.

WARNING STAMP

ALTERATION OF THIS DOCUMENT, IN ANY WAY, BY ANY PERSON NOT UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, AS APPROPRIATE, IS A VIOLATION OF THE EDUCATION LAW OF THE STATE OF NEW YORK

SYSTEM REQUIREMENTS

1. 110 GALLONS/BEDROOM/DAY
2. 330 GALLON DESIGN FLOW PER DAY
3. 175 LF OF 24" ABSORPTION TRENCH
4. 1000 GALLON SEPTIC TANK
5. 1000 GALLON PUMP TANK
6. N/A FLOATING OUTLET CHAMBER
7. 15 PERCOLATION TEST MIN/IN
8. 3 BEDROOMS – MAXIMUM
9. 3 FILL DEPTH IN FEET
10. 300 CY ROB FILL
11. 300 CY PERIPHERAL FILL
12. 120 CY IMPERMEABLE FILL
13. 170 CY TOPSOIL
14. N/A LF CURTAIN DRAIN
15. N/A LF CURTAIN DRAIN DISCHARGE
16. 210 LF FORCE MAIN
17. FINISHED GRADE THROUGH PRIMARY SYSTEM 10%
18. FINISHED GRADE THROUGH RESERVE AREA 13%
19. EROSION CONTROL DEVICES AS SHOWN

PUTNAM COUN