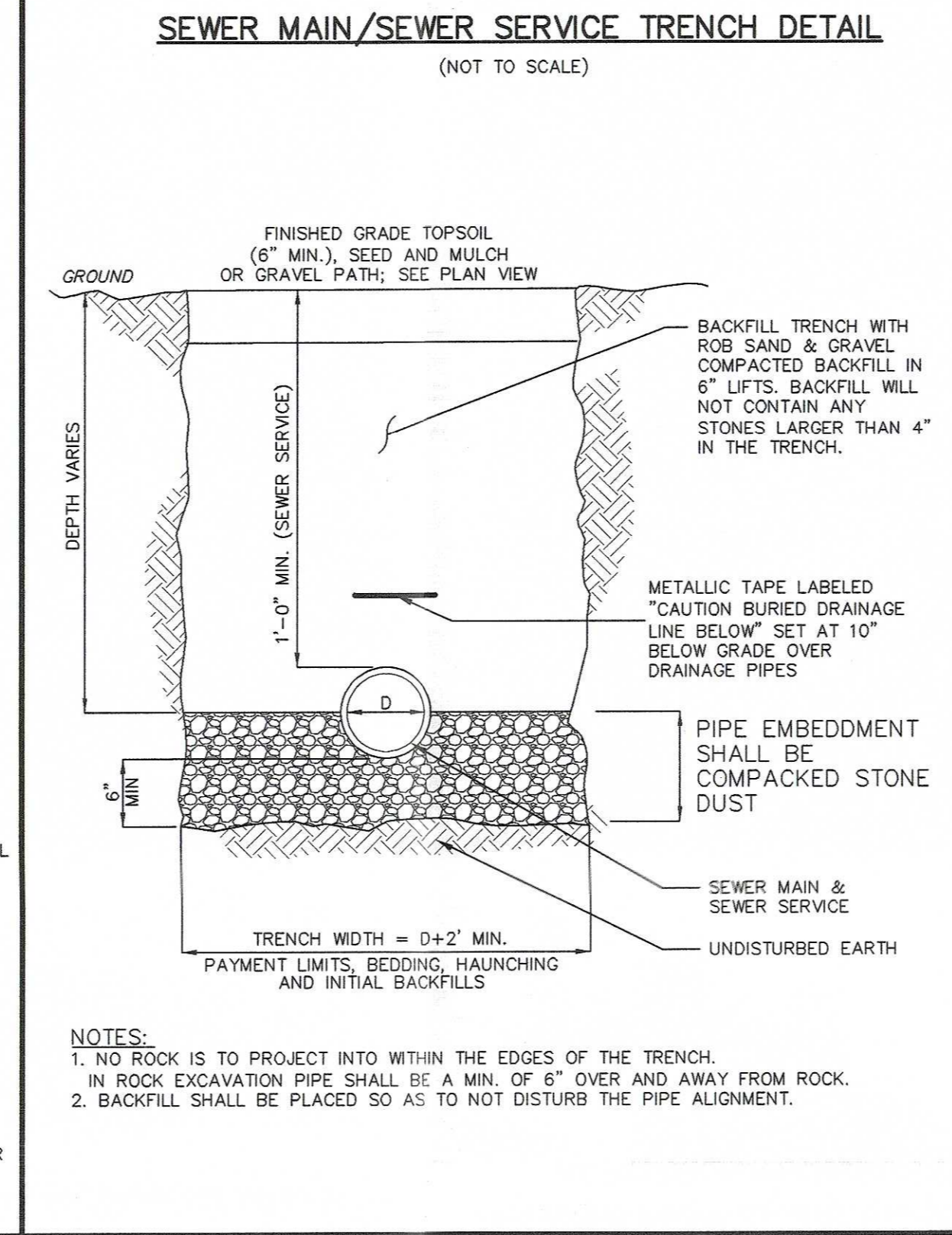
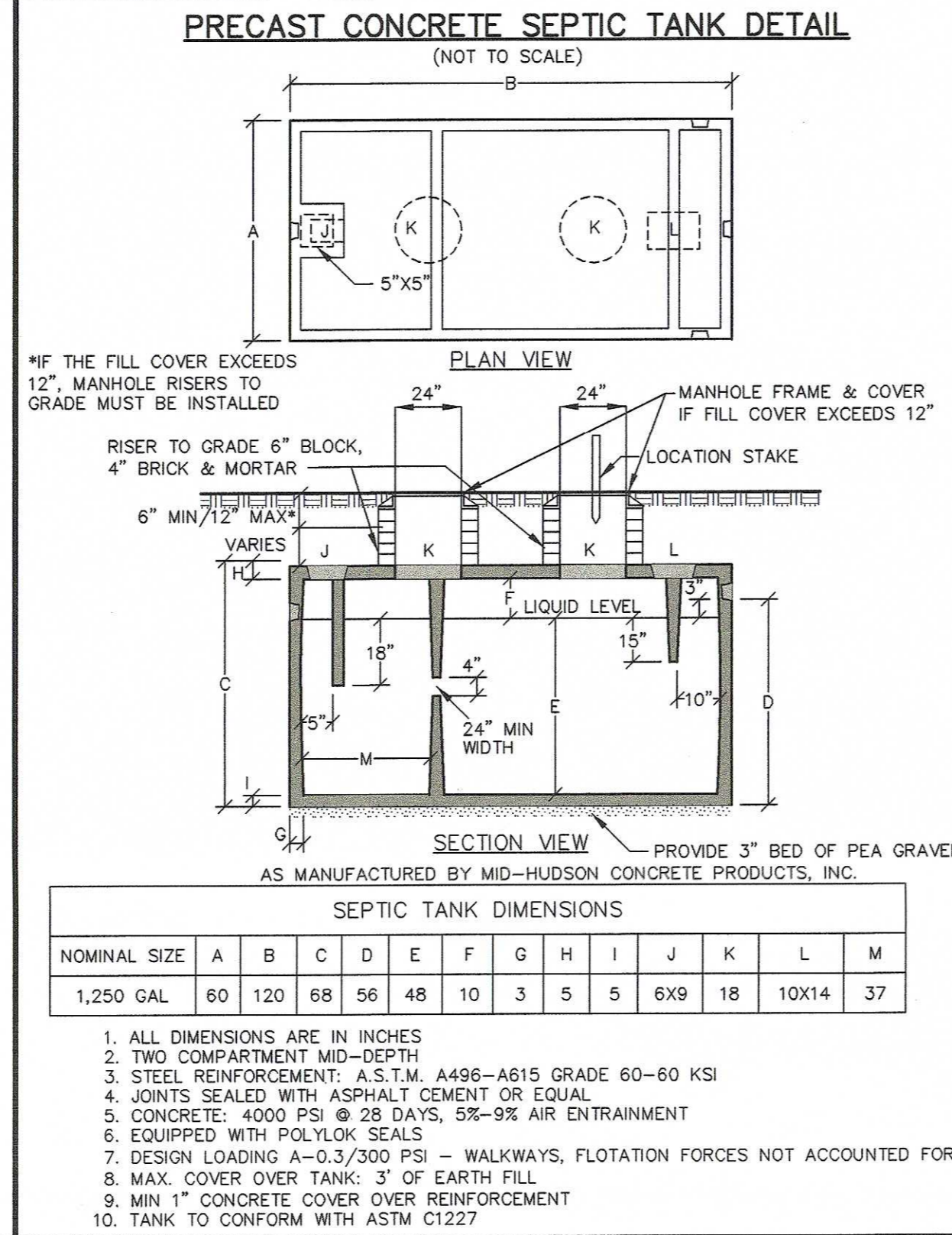
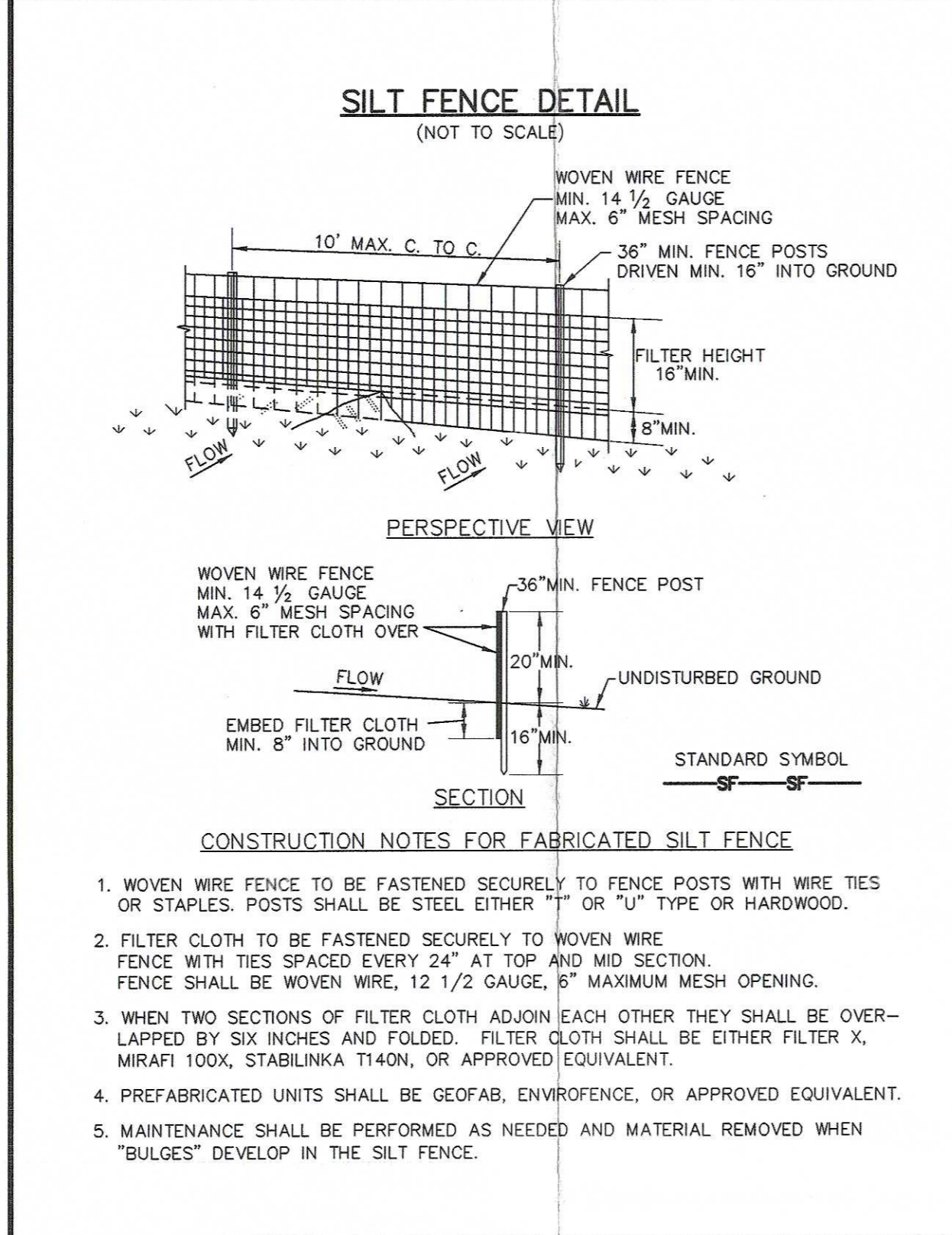


**PUTNAM COUNTY DEPARTMENT OF HEALTH
CONSTRUCTION NOTES FOR SUBSURFACE SEWAGE TREATMENT SYSTEMS
& WELL WATER SUPPLIES SERVING SINGLE-FAMILY RESIDENCES**

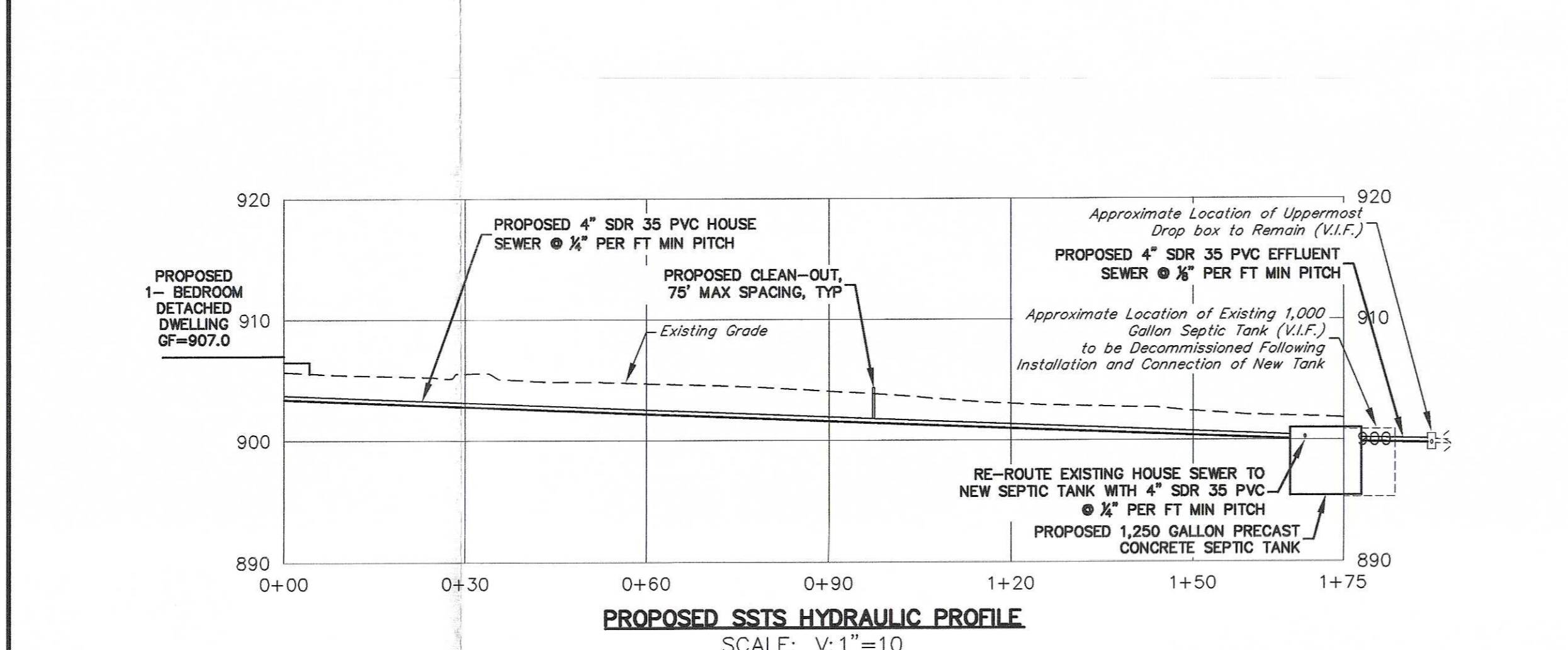
- ALL TREES WITHIN 10 FEET OF THE PROPOSED SUBSURFACE SEWAGE TREATMENT SYSTEM (SSTS) SHALL BE REMOVED.
- SSTS TO BE INSPECTED BY THE LICENSED SEWER PROFESSIONAL AND THE PUTNAM COUNTY HEALTH DEPARTMENT AFTER CONSTRUCTION AND PRIOR TO BACKFILL.
- THE SSTS AREA SHALL BE STAKED AND ROPED OFF 50' FROM TRUCKS, MACHINERY, BUILDING MATERIALS, NOR EXCAVATED EARTH SHALL BE ALLOWED IN THE SSTS AREA.
- 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.
- CONSTRUCTION OF SSTS TO BE IN ACCORDANCE WITH THESE PLANS, ANY REVISIONS THERETO, AND THE RULES AND REGULATIONS OF THE PERMIT ISSUING GOVERNMENTAL AGENCY.
- N/A
- THE SSTS DESIGN SHOWN HEREON DOES NOT PROVIDE FOR THE INSTALLATION OF A GARBAGE DRINKER. SUCH INSTALLATION REQUIRES ADDITIONAL DESIGN AND THE APPROVAL OF THE PUTNAM COUNTY DEPARTMENT OF HEALTH.
- 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, VIOLATES SAID APPROVAL.
- 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.
- CUT OR FILL IS NOT PERMITTED IN THE SSTS AREA, EXCEPT AS SO SPECIFIED ON THIS PLAN.
- AFTER BACKFILLING THE SYSTEM, THE SSTS AREA SHALL BE COVERED WITH A MINIMUM OF 6 INCHES OF TOPSOIL, SEEDING, AND MULCHED.
- 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.
- 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.
- THE PUTNAM COUNTY HEALTH DEPARTMENT APPROVAL EXPIRES TWO (2) YEARS FROM THE DATE ON THE APPROVAL. THIS APPROVAL IS REVOCABLE FOR CAUSE OR MAY BE AMENDED OR MODIFIED WHEN CONSIDERED NECESSARY BY THE DEPARTMENT.
- N/A
- FOR ALL SSTS WHICH ARE SUBJECT TO JOINT REVIEW AND APPROVAL WITH NYSDC, THE DESIGN PROFESSIONAL IS TO NOTIFY PCHD AND NYSDC AT LEAST 24 HOURS PRIOR TO THE COMMENCEMENT OF THE SSTS CONSTRUCTION.

ADDITIONAL SSTS & WELL NOTES

- HOUSE SEWER SHALL BE 4 INCH DIAMETER CAST IRON OR APPROVED EQUIVALENT IN PHILIPSTOWN AND CARBELL, 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 D350, UNLESS OTHERWISE NOTED. 90° BENDS ARE NOT PERMITTED. 45° BENDS MUST BE FITTED WITH A CLEANOUT. MAXIMUM SPACING BETWEEN CLEANOUTS IS 50 FEET.
- ALL PROPOSED SSTS AND RESERVE AREAS LOCATED AT A POSTED MINIMUM SEPARATION DISTANCE SHALL BE STAKED BY A HIS LICENSED LAND SURVEYOR.
- NO FOOTING, CELLAR OR ROOF DRAIN SHALL BE DISCHARGED INTO THE SEWAGE SYSTEM. ALL SUCH DRAINS SHALL BE DISCHARGED AWAY FROM THE ABSORPTION AREAS.
- 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.
- NO LATERAL SHALL BE PLACED WITHIN 10 FEET OF A DRIVEWAY.
- ALL LAUNDRY AND KITCHEN WASTES SHALL BE DISCHARGED INTO THE SEWAGE SYSTEM.
- WELL LOG AND WATER ANALYSIS MUST BE SUBMITTED TO THE HEALTH DEPARTMENT BEFORE A CERTIFICATE OF CONSTRUCTION COMPLIANCE WILL BE ISSUED.
- PRECAST CONCRETE SEPTIC TANK SHALL BE DESIGNED TO WITHSTAND ALL EXTERNAL LOADS. STRUCTURAL DESIGN OF THE TANK SHALL BE RESPONSIBILITY OF THE TANK MANUFACTURER.
- THE WELL CASING SHALL EXTEND 18 INCHES ABOVE FINISHED GRADE.
- PROPERTY BOUNDARY AND TOPOGRAPHIC DATA SHOWN HEREON IS AS SHOWN ON THAT CERTAIN MAP ENTITLED "TOPOGRAPHIC SURVEY PREPARED FOR STEVEN SPRUIELL... PREPARED BY BADEY & WATSON, SURVEYING AND ENGINEERING, P.C. DATED AUGUST 13TH, 2021."
- VERTICAL DATUM HEREON IS NAVD 1988.
- THE CONDITIONS NOTED ON THE P.C.H.D. CERTIFICATE OF APPROVAL ARE AN INTEGRAL PART OF THIS APPROVAL, AND COMPLIANCE IS REQUIRED.
- 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.
- 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.
- THERE ARE NO STREAMS, WETLANDS, DRAINAGE COURSES, ETC., OTHER THAN THOSE SHOWN HEREON, WITHIN 200 FEET OF THE SUBJECT PARCEL BOUNDARY.
- THE SUBSURFACE SEWAGE TREATMENT SYSTEM HEREON IS DESIGNED 1 TO 7 MINUTES PER INCH.
- THE EXISTING SEPTIC TANK SHALL BE DECOMMISSIONED IN-PLACE. A NYSDC PERMITTED WASTE TRANSPORTER SHALL PUMP OUT THE TANK, WASH OUT AND REMOVE AS MUCH RESIDUALS AS POSSIBLE. THE TOP OF THE TANK SHALL BE INVOICED IN AND THE BOTTOM SHALL BE PUNCTURED TO ALLOW FOR DRAIN OF RAIN OR SURFACE WATER. BACKFILL THE TANK WITH SAND, GRAVEL, OR OTHER INERT MATERIAL TO PREVENT A SAFETY HAZARD. ALL DISTURBED AREAS SHALL BE PROPERLY GRADED AND SEEDED. IF SETTLING OCCURS OVER TIME, IT MAY BE NECESSARY FOR ADDITIONAL FILL MATERIAL. A RECORD OF THE LOCATION OF THE DECOMMISSIONED SEPTIC TANK SHALL BE MADE.



- CONSTRUCTION SEQUENCE:**
- INSTALL EROSION & SEDIMENT CONTROL(S).
 - THE EXISTING SEPTIC COMPONENTS TO REMAIN SHALL BE CORDED-OFF TO PREVENT DAMAGE.
 - THE NEW SEPTIC TANK AND SANITARY SEWER SERVICE FOR THE POOL HOUSE SHALL BE INSTALLED.
 - THE EXISTING HOUSE SEWER SHALL BE DIVERTED TO THE NEW SEPTIC TANK, AND THE SEPTIC TANK EFFLUENT SEWER SHALL BE DIVERTED TO THE SAME POINT OF EXISTING DISCHARGE INTO THE ABSORPTION FIELDS.
 - ALL SEPTIC COMPONENTS SHALL BE INSPECTED BY THE PUTNAM COUNTY DEPARTMENT OF HEALTH AND THE OFFICE, AND AN AS-BUILT DRAWING PREPARED BY THE DESIGN ENGINEER, PRIOR TO BACKFILL.
 - UPON COMPLETION OF OPEN WORK INSPECTION, ALL DISTURBED AREAS SHALL BE DRESSED WITH 6" OF TOPSOIL, SEEDING AND MULCHED.
 - UPON FINAL STABILIZATION, TEMPORARY EROSION AND SEDIMENT CONTROL(S) MUST BE REMOVED.



LOCATION MAP SCALE: 1" = 2000'

SITE DATA

TAX MAP NUMBER
SECTION: 60.17
BLOCK: 01
LOT: 20

FILED MAP INFORMATION
SUBDIVISION NAME: T&S ACRES
SUBDIVISION LOT NO.: 2
FILED MAP NO.: 1873
DATE FILED: 6-7-82

FIELD TEST RESULTS

DEEP TEST HOLES			
NO.	DATE	DEPTH	PERCOLATION RATE
1			
2			
3			
4			

NOTE: EXISTING PRIMARY SSTS AND 100% RESERVE REPLACEMENT AREA FOR THE ADDITION OF ONE BEDROOM @ 100 GAL PER DAY PER BEDROOM, FROM 200 GAL PER DAY PER BEDROOM.

PERCOLATION TESTS

NO.	DATE	DEPTH	RATE	COMMENTS
A				
B				
C				
D				

NOTE: EXISTING PRIMARY SSTS AND 100% RESERVE REPLACEMENT AREA FOR THE ADDITION OF ONE BEDROOM @ 100 GAL PER DAY PER BEDROOM, FROM 200 GAL PER DAY PER BEDROOM.

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
08/31/21	ORIGINAL DRAWING
10/19/21	FROM VERBAL COMMENTS FROM 08/18/21
10/25/21	ADD WATERLINE

CLEAN-OUT DETAIL
(NOT TO SCALE)

SOILS LEGEND

Map Symbol	Hydrologic Group	Soil Name
Crc	B	CHARLTON-CHATFIELD complex, rolling, very rocky

Soil 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.

PROJECT LOCATION
16 BLACK DIAMOND HILL, GARRISON
TOWN OF PHILIPSTOWN
COUNTY OF PUTNAM
STATE OF NEW YORK

PROJECT DESCRIPTION
CONSTRUCTION OF A 1-BEDROOM ACCESSORY STRUCTURE SHARING AN EXISTING 600 GALLON PER DAY ABSORPTION SYSTEM WITH AN EXISTING 3-BEDROOM RESIDENCE. REPLACE EXISTING 1,000 GALLON SEPTIC TANK WITH A NEW 1,250 GALLON SEPTIC TANK.

PREPARED FOR
STEPHEN SPRUIELL
177 E 79TH ST APT 16/17
NEW YORK, NY 10075

SUBSURFACE SEWAGE TREATMENT SYSTEM
SCALE: AS NOTED

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.

PUTNAM COUNTY HEALTH DEPARTMENT APPROVAL STAMP

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October 25, 2021
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PLAN
SCALE 1" = 20'

PUTNAM COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES
APPROVED AS NOTED FOR CONFORMANCE WITH APPLICABLE RULES AND REGULATIONS OF THE PUTNAM COUNTY HEALTH DEPARTMENT.

APR 21 2021

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SHEET 1 OF 1

FILE NO. 78-133

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