

- MAP NOTES
- 1) SUBJECT TO A SURVEY AND TO ANY STATEMENT OF FACTS THAT AN ACCURATE AND UP TO DATE TITLE SEARCH MAY REVEAL.
  - 2) NO UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE INTENDED TO BE SHOWN HEREON, IF ANY EXIST.
  - 3) CONTOUR INFORMATION DEPICTED HEREON WAS TAKEN FROM AERIAL MAPPING PHOTOGRAPHS DATED 4-18-2008 AND FIELD MEASUREMENTS. CONTIGUOUS INTERVAL: 1 FT.
  - 4) THE PLANIMETRIC INFORMATION DEPICTED HEREON WAS TAKEN FROM AERIAL MAPPING PHOTOGRAPHS DATED 4-18-2008 AND FIELD MEASUREMENTS. CONTIGUOUS INTERVAL: 1 FT.
  - 5) HORIZONTAL DATUM REFERENCE - NEW YORK STATE PLANE EAST ZONE
  - 6) VERTICAL CONTROL REFERENCE - NAVD83
  - 7) 100 YEAR FLOOD ELEVATION = 8  
REFERENCE - FLOOD INSURANCE STUDY - TOWN OF HYDE PARK (COMMUNITY # 361330)  
PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY 5/02/2012
  - 8) MAP REFERENCE  
A) RIVERVIEW SUBDIVISION FM #4647B
  - 9) ZONING  
LOT 1A IS IN THE LANDING ZONING DISTRICT
- BULK REGULATIONS  
MINIMUM LOT SIZE - NONE  
FRONT YARD - 10 FT. MIN.  
SIDE YARD - 10 FT. MIN.  
REAR YARD - 10 FT. MIN.  
IMPERVIOUS COVERAGE - 30 % MAX.

**DUTCHESS COUNTY HEALTH DEPARTMENT MAP NOTES**  
Standard Notes for Residential Projects (Onsite Sewage Disposal & Central Water)

The design, construction and installation shall be in accordance with this plan and generally accepted standards in effect at the time of construction which include:

"Appendix 75-A, Waste Treatment - Individual Household Systems, New York State Sanitary Code," New York State Design Standards for Intermediate Sized Wastewater Treatment Systems", NYSDDEC  
"Residential Onsite Wastewater Treatment Systems, Design Handbook", New York State Department of Health,  
"Recommended Standards for Water Works (Ten States),"

"Planning the Subdivision as Part of the Total Environment," New York State Department of Health,  
"New York State Department of Health and Dutchess County Environmental Health Services Division policies, procedures and standards,"  
"Dutchess County and New York State Sanitary Codes,"  
"Dutchess County Environmental Health Services Division Certificate of Approval letter."

This plan is approved as meeting the appropriate and applied technical standards, guidelines, policies and procedures for arrangement of sewage disposal and treatment and water supply facilities; and, as a condition of this approval, a construction inspection by a representative of the DC EHS shall be done to determine that construction at the time of inspection was completed in general conformance with the approved plans and any amendment thereto.

Upon completion of the water system facilities, the finishes works shall be inspected, tested and certified complete to the DC EHS by the New York State registered design professional supervising construction. No part of the facilities shall be placed into service until accepted by the DC EHS.

Approval of any plan(s) or amendment thereto shall be valid for a period of 5 years from the date of approval. Following the expiration of said approval, the plan(s) shall be re-submitted to the Commissioner of Health for consideration for re-approval. Re-submission or revised submission of plans and/or associated documents shall be subject to compliance with the technical standards, guidelines, policies and procedures in effect at the time of the re-submission.

The DC EHS shall be contacted prior to the commencement of the home construction and/or issuance of a building permit for a pre-construction inspection to ensure that the arrangements for water supply and sewage disposal are commenced in accordance with the approved plans and amendments thereto and generally accepted standards.

All wells and onsite wastewater treatment systems, existing or proposed, located within 300 feet of the existing wells and proposed onsite wastewater treatment system are shown on this plan along with any other environmental hazards in the area that may affect the design and functional ability of the onsite wastewater treatment system and well. If the tank is delivered by a representative of the DC EHS, then it shall be demonstrated by the contractor to the DC EHS field inspector and/or design professional that the tank is sealed, watertight and acceptable for use. This shall require, at a minimum, the filling of the tank with water to observe if it is in fact sealed, watertight and acceptable for use. The tank must also meet any local testing requirements, including possible electrical and safety standards.

All proposed service lines on this plan are accessible for installation and placement.

No cellar, footing, floor, garage, cooler or roof drains shall be discharged into the onsite wastewater treatment system.

All buildings shall be constructed at an elevation high enough to ensure gravity flow to the onsite wastewater treatment system.

There shall be no vehicular traffic over the onsite wastewater treatment system. Prior to construction, the area of the system shall be staked out and fenced off.

Onsite wastewater treatment systems shall not be installed in wet or frozen soil.

All required Erosion and Sediment Control and Stormwater Pollution Prevention Water Quality & Quantity Control structures, permanent and temporary, are shown on the plans.

All service lines are the responsibility of the homeowner up to the property line. The water company shall be responsible for all valves and pipes which are not on the homeowner's property.

**ADDITIONAL DUTCHESS COUNTY HEALTH DEPARTMENT MAP NOTES**

The onsite wastewater treatment system is not designed to receive macerated wastewater from garbage grinders or internal sewage pumping stations.

The onsite wastewater treatment system is not designed to receive discharge from water softeners or other water treatment systems.

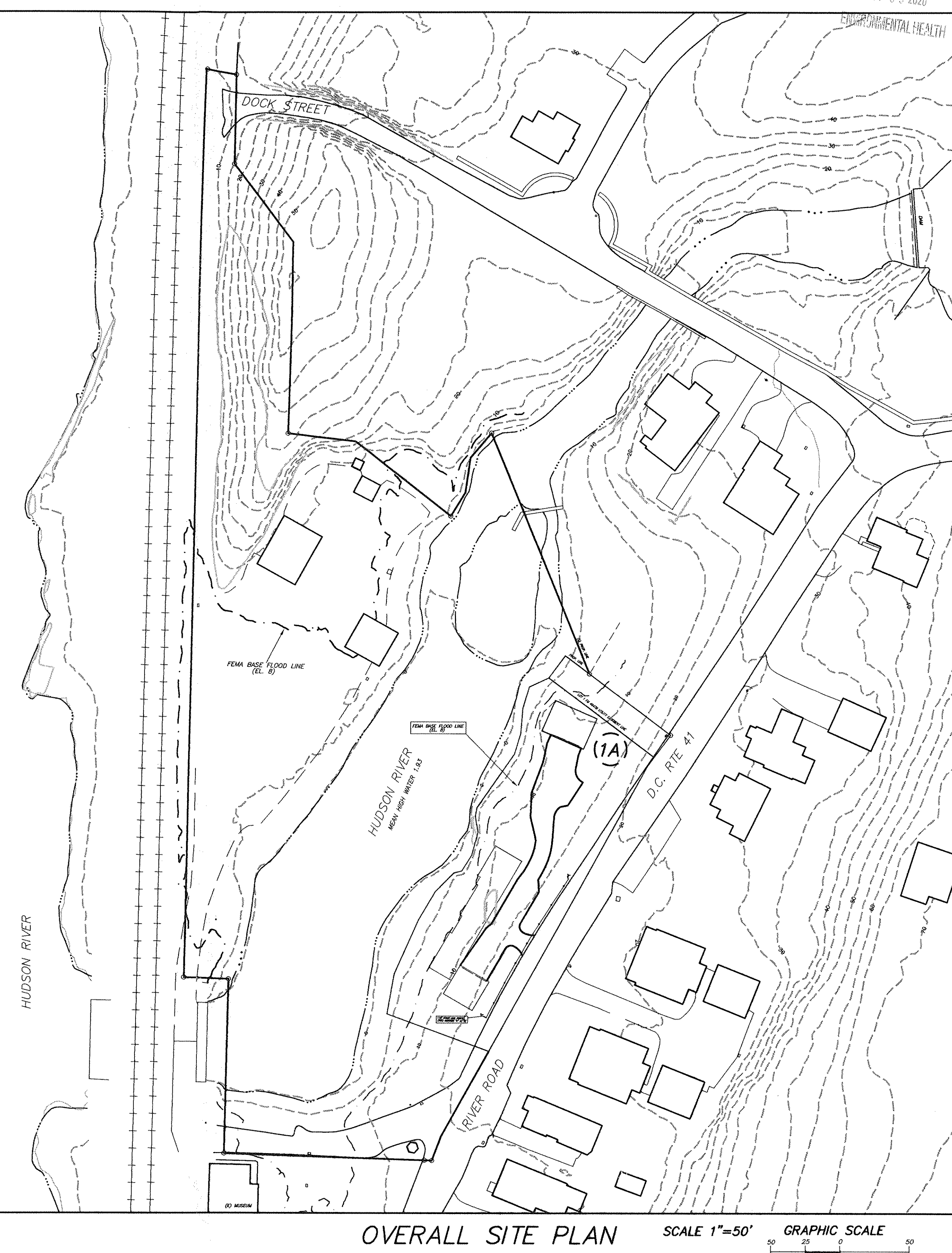
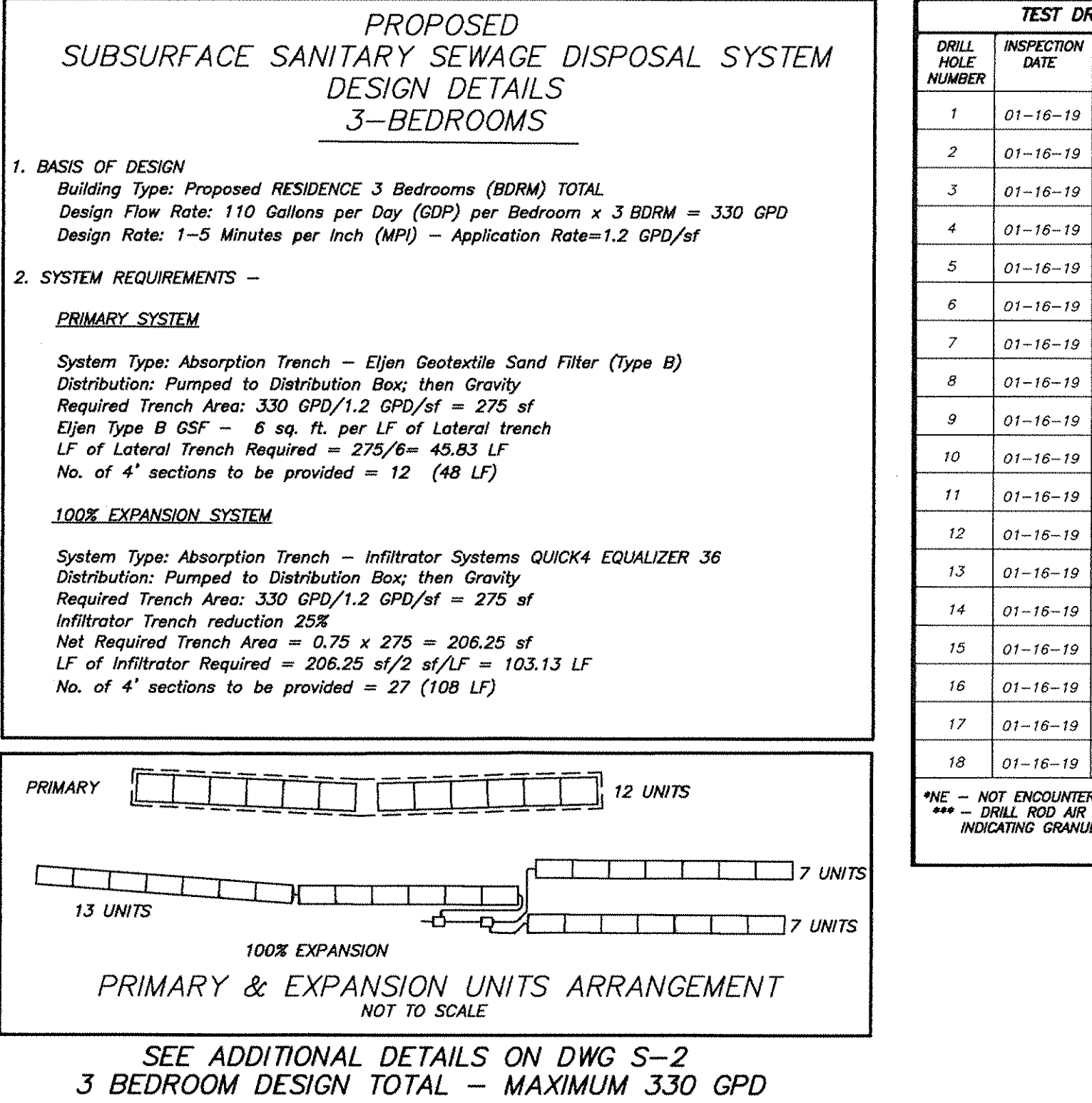
There shall be no bends in the raw sewer line.

All pipe penetrations and unused inlets/outlets in the distribution boxes or septic tanks shall be sealed with non-shrink grout.

Objects and structures such as swimming pools, sheds or decks shall not be constructed above septic tanks, distribution boxes, or absorption areas.

The septic tank effluent filter provided at the inlet to the effluent pump station must be accessible via a watertight, lockable extension to grade, be NSF standard 46 compliant, and be the responsibility of the site owner to maintain in accordance with manufacturer requirements.

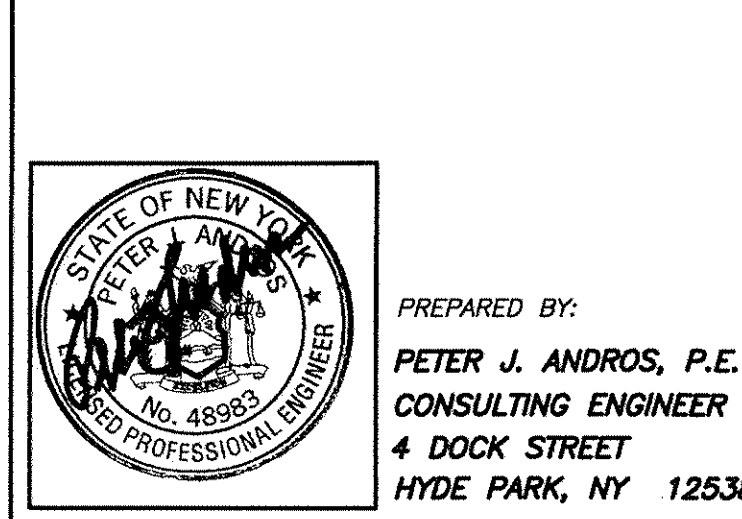
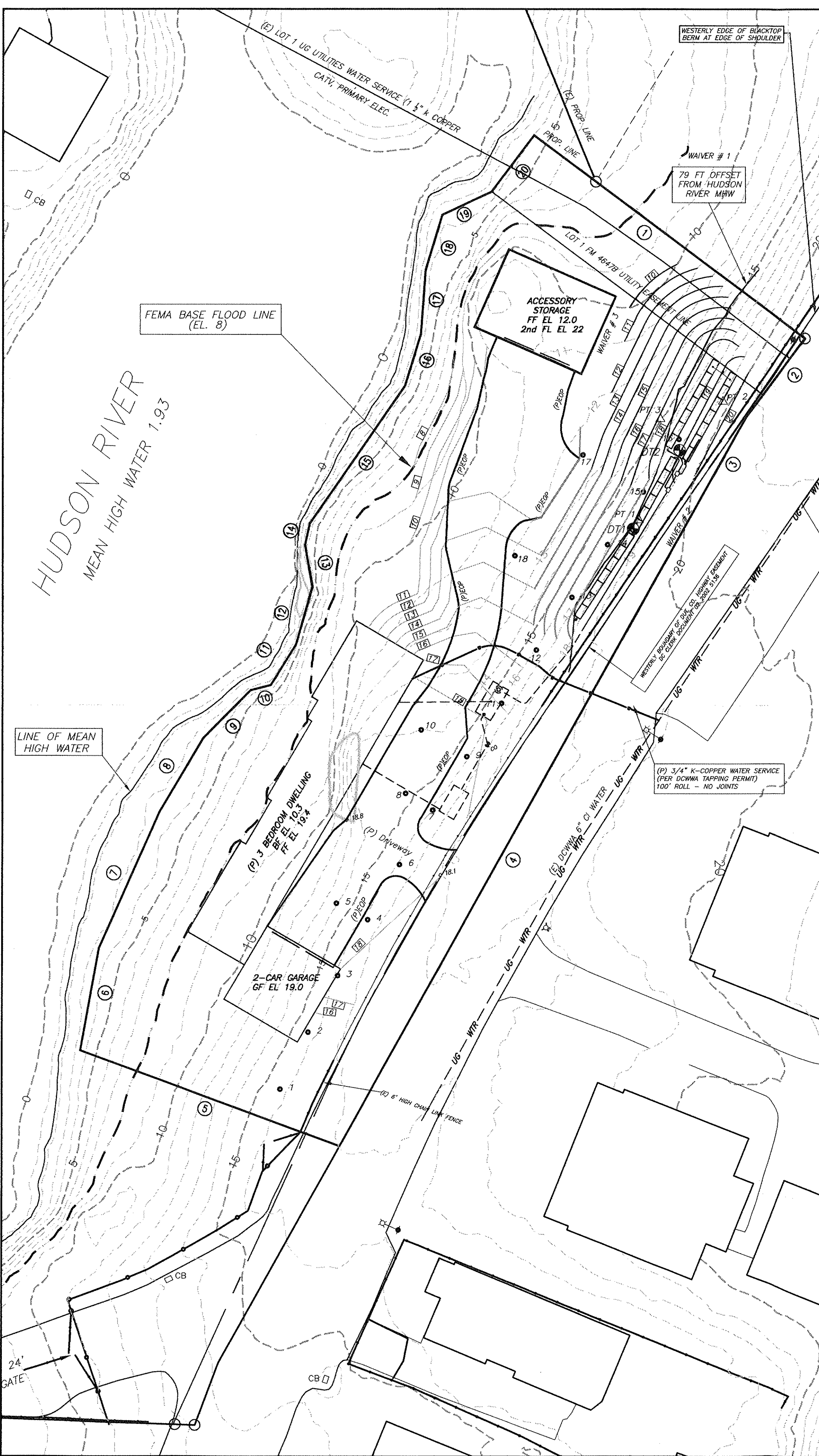
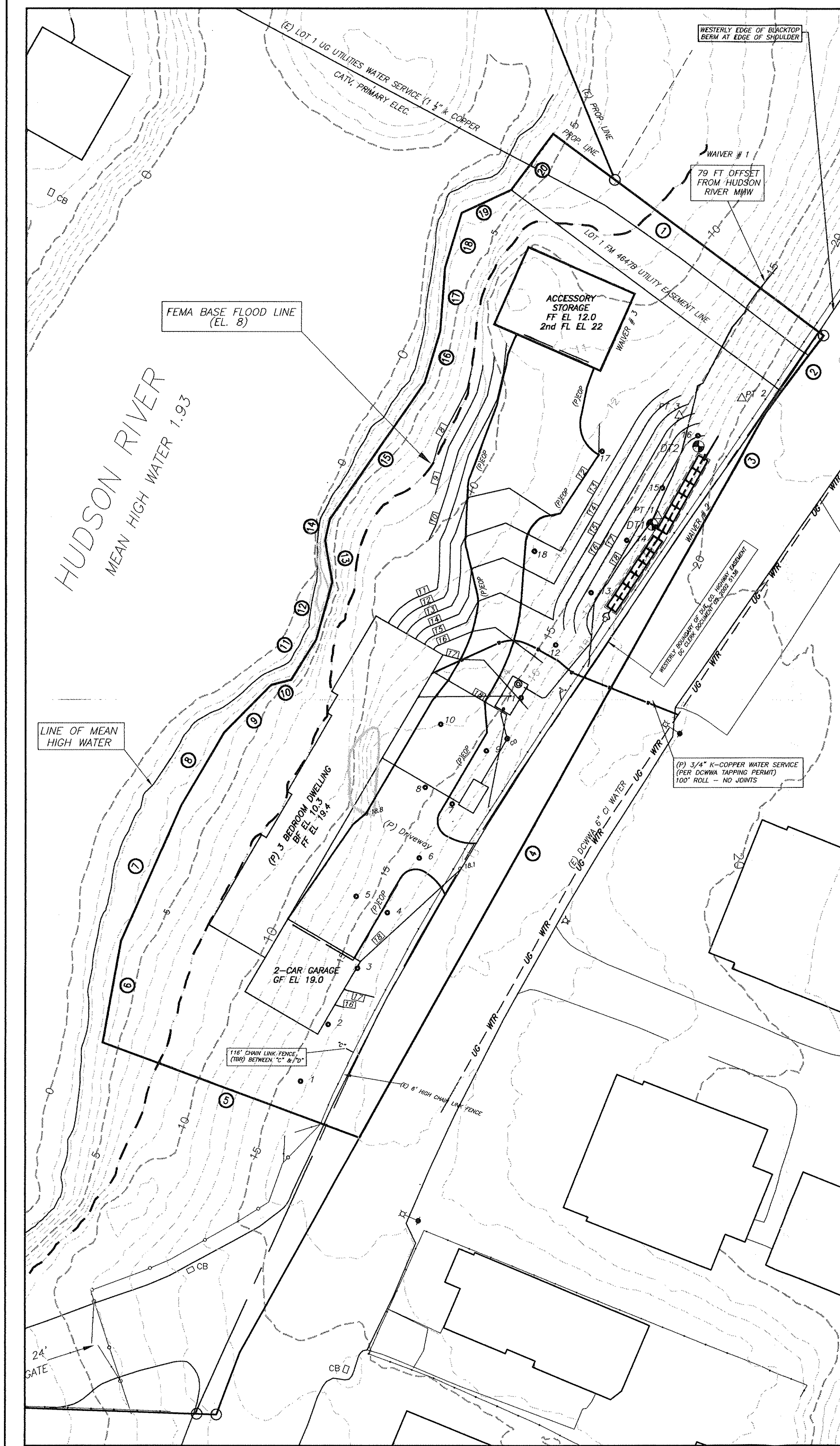
SDS AREA TO BE REGRADED UNDER SUPERVISION OF PROFESSIONAL ENGINEER TO MEET MAXIMUM 15% SLOPE. REFER TO SITE GRADING SHOWN ON PRIMARY AND EXPANSION SDS PLANS THIS DWG.



DEEP TEST RESULTS SUMMARY									
DEEP TEST HOLE NUMBER	DATE	GROUND ELEVATION	TOTAL DEPTH	WATER DEPTH	ROCK DEPTH	NOTING	SOILS INFORMATION	PERC. TEST HOLE NUMBER	DATE
1	8-18-19	18.0	5'	NE*	NE**	NE**	0-2" TOPSOIL 2-4" TOPSOIL	1	11-14-18
2	8-18-19	18.0	5'	NE*	NE**	NE**	0-2" TOPSOIL 2-4" TOPSOIL	2	11-14-18

PERCOLATION TEST RESULTS SUMMARY									
PERC. TEST HOLE NUMBER	DATE	DEPTH (FT)	PRE-SOAKED**	TEST RUNS	DESIGN TIME	STABILIZED	DESIGN TIME	STABILIZED	DESIGN TIME
1	11-14-18	2.5	YES	2:00	2:30	2:30	2:30	2:30	2:30
2	11-14-18	2.5	YES	2:15	2:30	2:30	2:30	2:30	2:30

\* DEPTH MEASURED FROM GROUND EL. 18  
\*\* NE - NOT ENCOUNTERED



LINE NO.	BEARING	DISTANCE	LINE NO.	BEARING	DISTANCE
1	S53°09'43"E	95.80'	11	N37°51'54"E	13.42'
2	S38°50'17"W	27.67'	12	N18°43'22"E	17.18'
3	S29°01'43"W	30.37'	13	N10°13'57"W	11.80'
4	S29°01'43"W	206.00'	14	N11°53'47"E	6.35'
5	N65°42'03"W	79.08'	15	N58°30'20"E	47.30'
6	N10°02'18"E	29.30'	16	N16°59'06"E	15.38'
7	N62°54'22"E	42.35'	17	N04°14'44"E	18.18'
8	N30°33'54"E	24.08'	18	N16°42'14"E	18.38'
9	N42°29'08"E	19.05'	19	N64°57'15"E	15.41'
10	N75°32'50"E	5.87'	20	N38°50'17"E	18.95'

**OWNER'S CONSENT NOTE**

THE UNDERSIGNED OWNER OF THE PROPERTY DEPICTED HEREON STATES IT IS FAMILIAR WITH THESE PLANS, THEIR CONTENTS & LEGENDS, AND HEREBY CONSENTS TO ALL SAID TERMS AND CONDITIONS STATED HEREON.

SIGNED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2020

HYDE PARK LANDING, LTD.

BY: PETER J. ANDROS, PRESIDENT

**10NYCRR75 WAIVER REQUESTS**

WAIVER NO. 1 - SECTION 75-A(4)(b)  
Distance to absorption field from watercourse - Reduction from 100' to 70' for Absorption Field. The area available for locating a subsurface SDS on proposed Lot 1A is extremely limited due to the proximity of the Hudson River. A bedrock ridge line forms a natural barrier between the proposed SDS and the MHW of the River. This naturally mitigates the decrease in distance for which the waiver is being sought. Additional mitigation of this reduction is being provided by the use of a geotextile sand filter for the primary disposal field.

WAIVER NO. 2 - SECTION 75-A(4)(b)  
Distance to Absorption Field from property line - Reduction from 10' to 7' for Absorption Field. The area available for locating a subsurface SDS in Lot 1A is extremely limited due to the proximity of the Hudson River. In order to maximize the separation distance between the absorption system and the MHW of the River, the waiver is being requested. The property line is well defined by the existing fence that is to remain. Further, the property line will be field staked by a licensed land surveyor to assure the proposed reduced distance is achieved.

Distance to toe of slope of regraded area from Accessory Structure - Reduction from 20 ft. to 5 ft. The slope in question is not part of a raised or mound absorption system. The proposed structure that has no basement (slab foundation), and the reggrading to within the requested 5 feet occurs at the northeast corner of the structure only. The toe of slope of the reggrading limit increases to 10 feet at the southeast building corner. The nearest absorption trench from the proposed toe of slope is 30 feet for the expansion SDS.

LIST OF DRAWINGS		
SHEET NO.	DRAWING NO.	DRAWING NAME
1 OF 2	S-1	PROPOSED SEWAGE DISPOSAL SYSTEM
2 OF 2	S-2	SDS COMPONENT PLANS / EROSION/SEDIMENT CONTROL PLAN/ DETAILS

TAX MAP PARCEL

LOT #1A 133200-6065-04-559163

RECORD OWNER APPLICANT

LOT #1A HYDE PARK LANDING, LTD.  
8 DOCK STREET  
HYDE PARK, NEW YORK

FIRE DISTRICT - Hyde Park Fire & Water District

ZONING DISTRICT - LANDINGS

SCHOOL DISTRICT - H.P.C.S.D.#1

LIGHT DISTRICT - Hyde Park Consolidated Light District

WATER SUPPLY - Dut. Co. Water & Wastewater Authority  
PWS ID# NY 1302796

SEWAGE DISPOSAL - Private

DUTCHESS COUNTY DEPARTMENT OF HEALTH  
APPROVED  
DATE: 10/13/2020  
PROJECT: HYDE PARK LANDING, LTD.  
3 BEDROOM, 3 BATH  
HYDE PARK  
2 SHEETS  
PETER J. ANDROS, P.E.  
NEW YORK STATE REGISTERED PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL

DUTCHESS COUNTY HEALTH DEPARTMENT APPROVAL

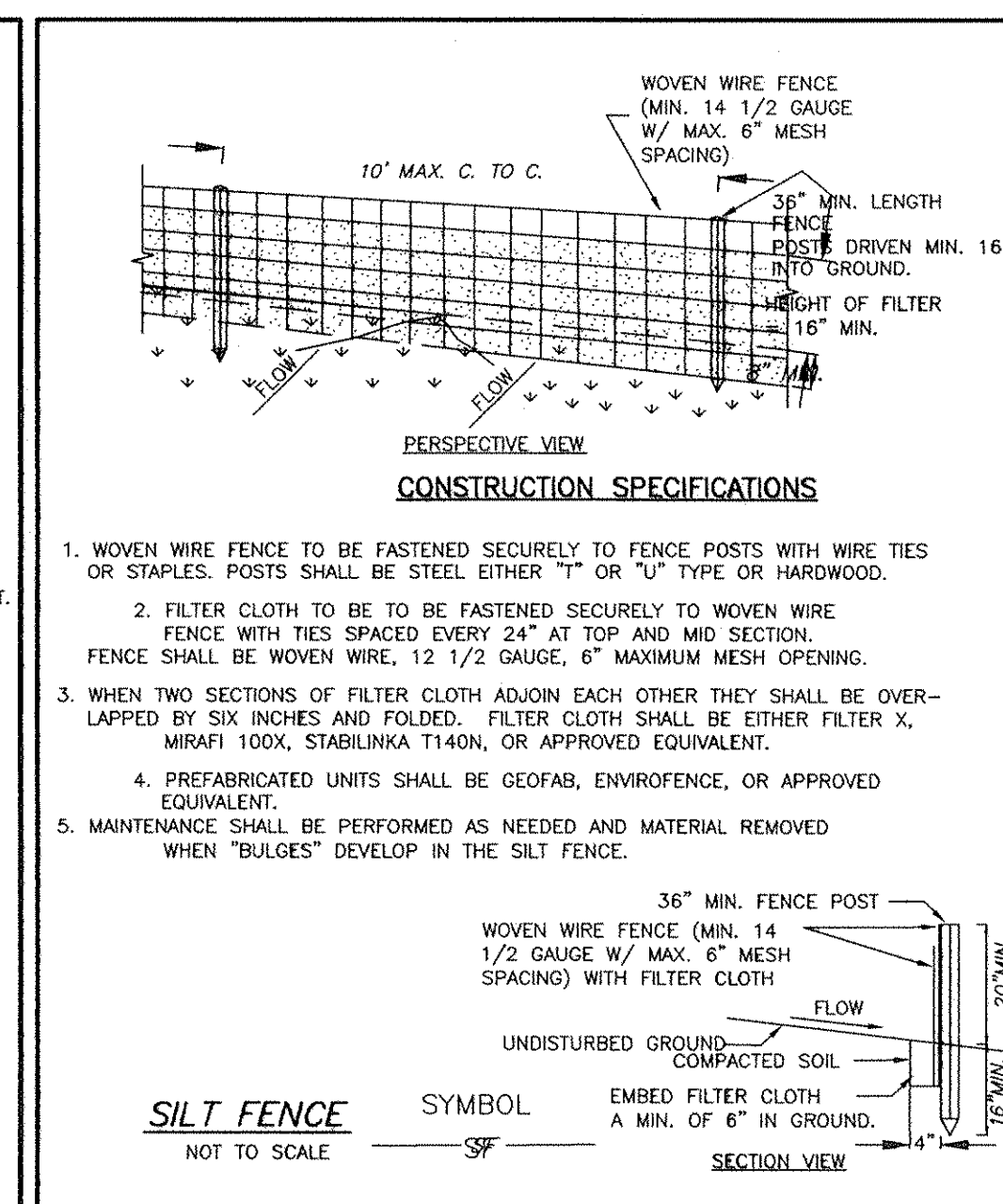
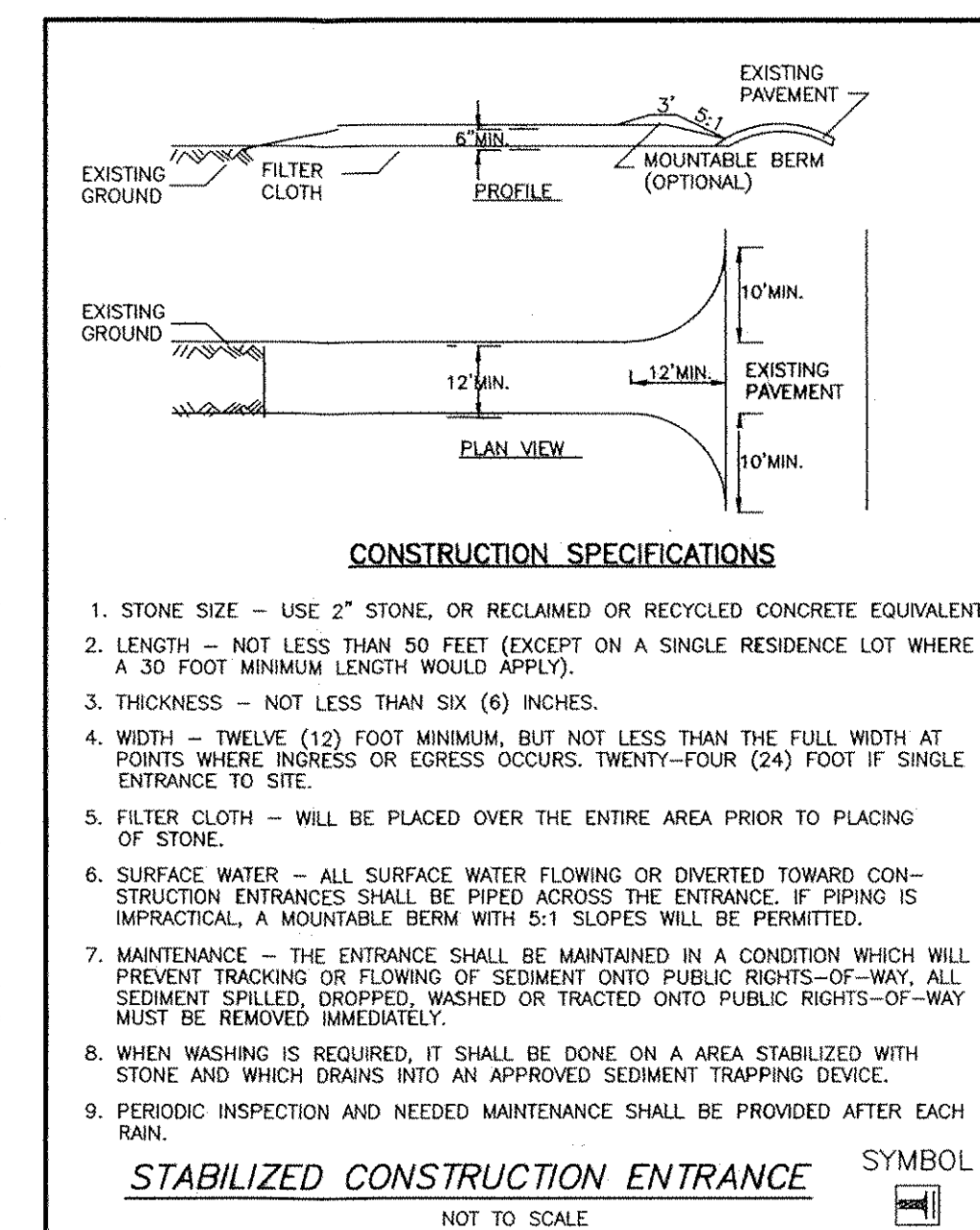
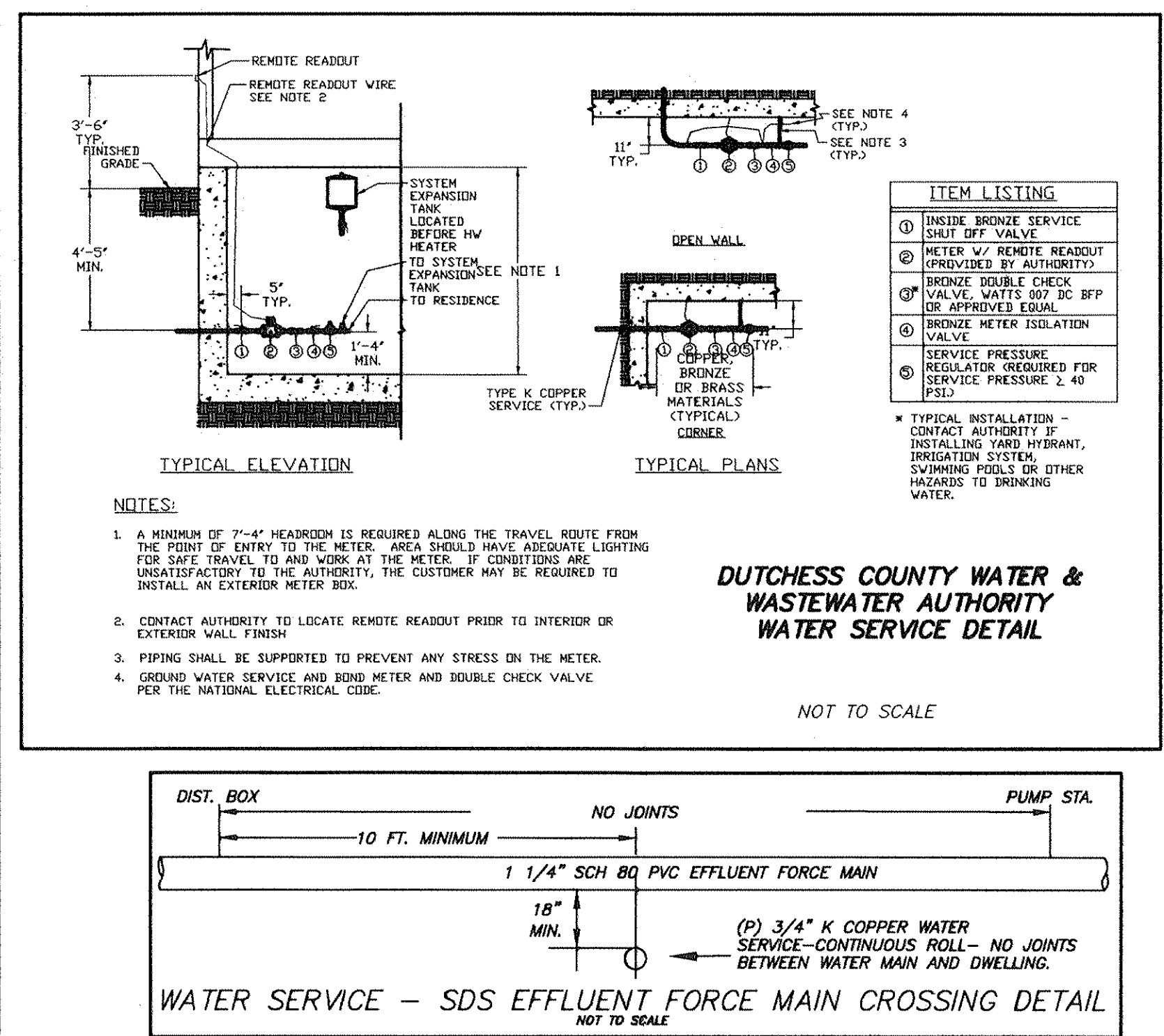
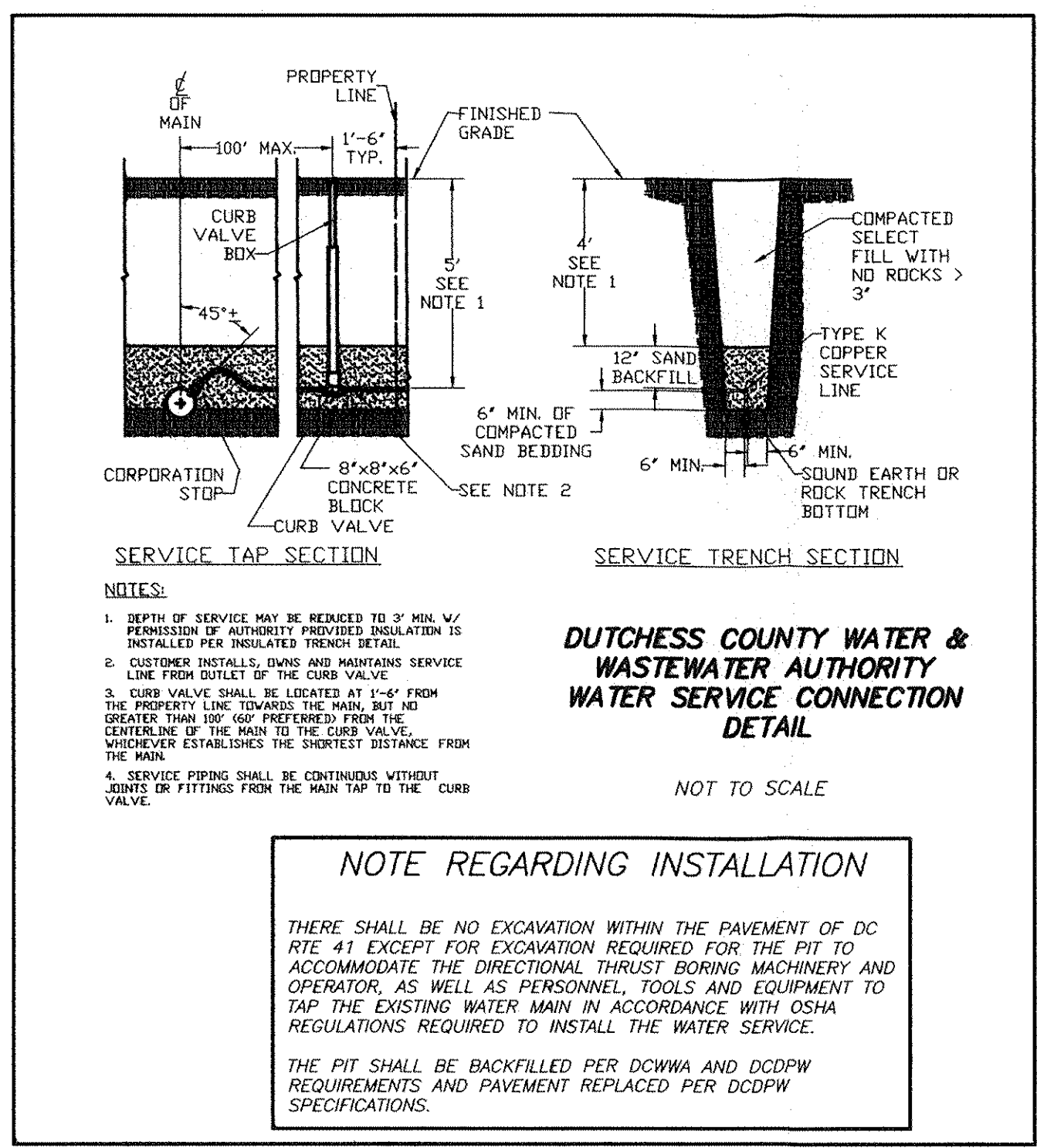
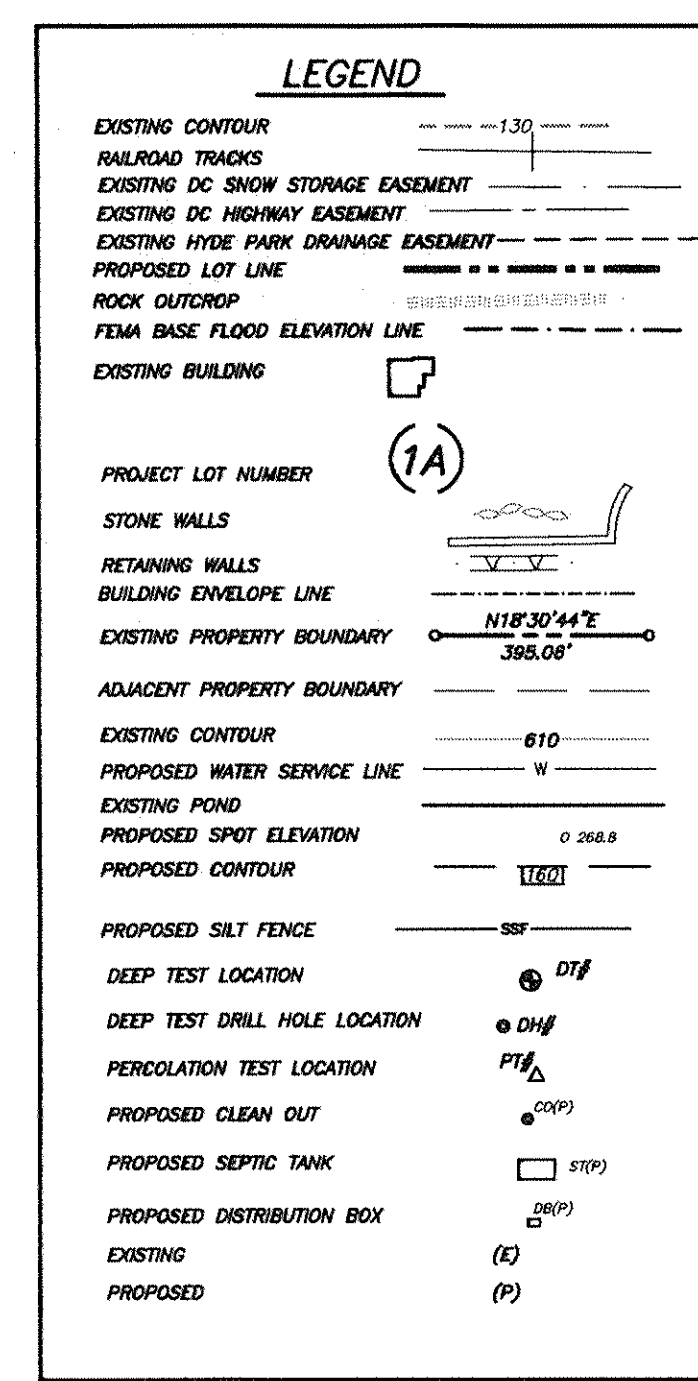
**PROPOSED SEWAGE DISPOSAL SYSTEM**  
3-BEDROOM SINGLE FAMILY DWELLING  
ON LOT 1A  
RIVERVIEW SUBDIVISION  
F.M. No. 4647B TAX GRID 133200-6065-04-559163

TOWN OF HYDE PARK  
SCALE: AS SHOWN

DUTCHESS COUNTY, NEW YORK  
SEPTEMBER 8, 2020  
REVISED 9-28-20

DWG. S-1  
SHEET 1 OF 2





**Table 4.4  
Permanent Construction Area Plastic Measure Recommendations**

Material	Quantity	Unit	Quantity	Unit
Gravel	100	cu yd	100	cu yd
Gravel	100	cu yd	100	cu yd
Gravel	100	cu yd	100	cu yd
Gravel	100	cu yd	100	cu yd
Gravel	100	cu yd	100	cu yd
Gravel	100	cu yd	100	cu yd
Gravel	100	cu yd	100	cu yd
Gravel	100	cu yd	100	cu yd
Gravel	100	cu yd	100	cu yd
Gravel	100	cu yd	100	cu yd

