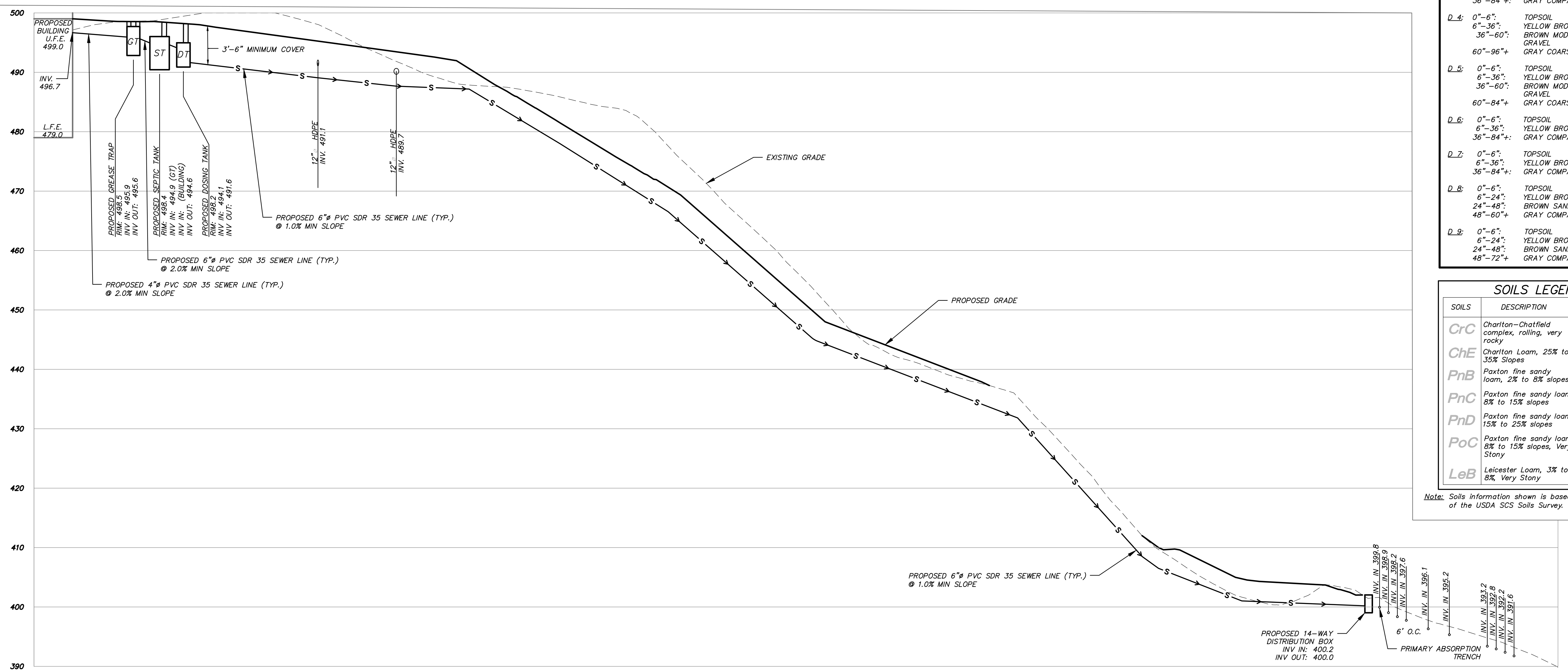
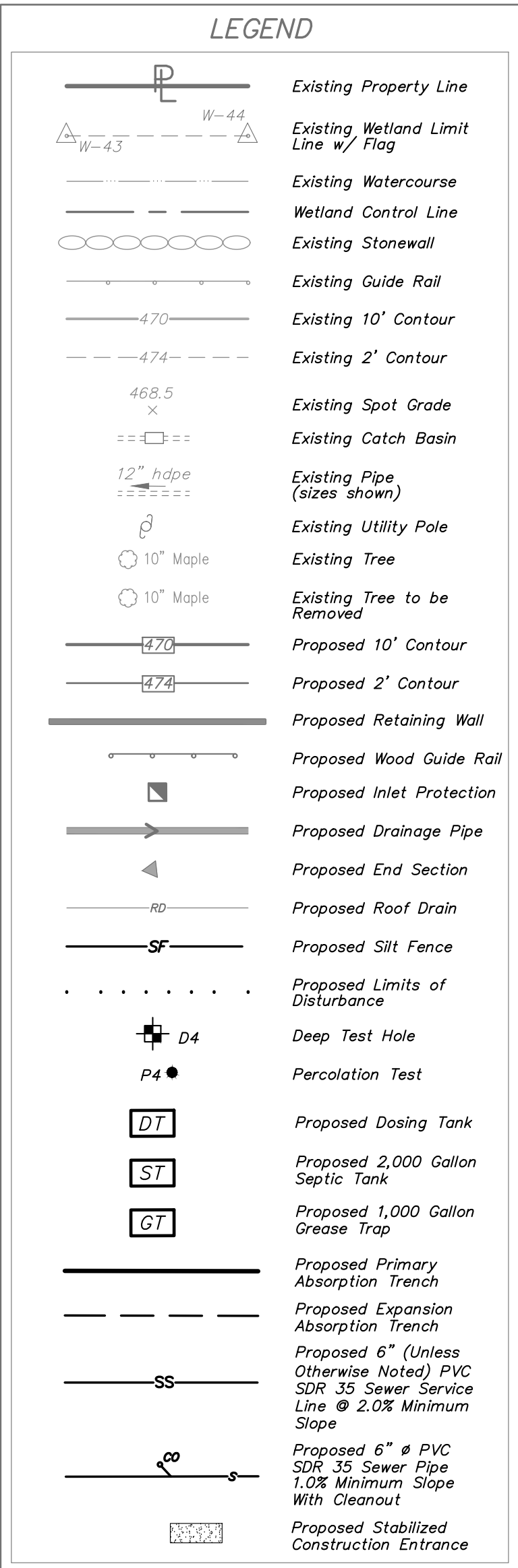




ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

SSTS PROFILE

SCALE: HORIZ. 1" = 40'
VER. 1" = 10'



SSTS DESIGN DATA:

TOTAL DESIGN FLOW: = 1,280 GPD

DESIGN PERCOLATION RATE: 11-15 MIN/IN
REQUIRED LENGTH OF ABSORPTION TRENCH: 800 L.F.
PRIMARY, 802 L.F. PROVIDED (801 L.F. EXPANSION)
PRECAST CONCRETE SEPTIC TANK: 2,000 GALLON
ADDITIONAL REQUIREMENTS: DOSING TANK

SSTS DESIGN DATA:

PERCOLATION TEST RESULTS

P1: 6 MIN/INCH (4/07/17)
P2: 12 MIN/INCH (4/07/17)
P3: 15 MIN/INCH (4/07/17)
P4: 11 MIN/INCH (4/19/17)

DEEP TEST RESULTS: 6/16/09

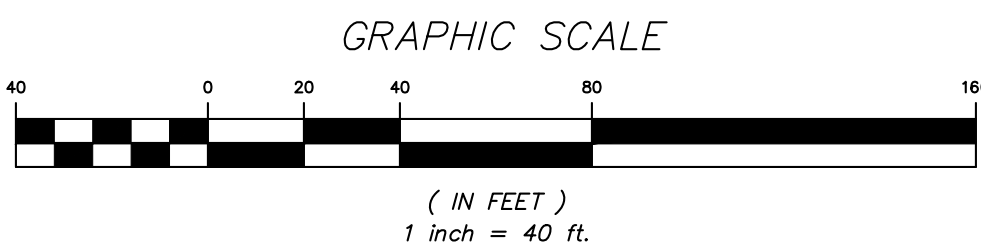
DEEP TESTS OBSERVED BY:
ERIC KINGSBURY (INSITE ENGINEERING)
GENE REED (PUTNAM COUNTY DEPARTMENT OF HEALTH)

NOTE: NO GROUNDWATER, MOTTLING, OR ROCK ENCOUN
UNLESS NOTED.

<u>D. 1:</u>	0"-6": 6"-36": 36"-60": 60"-84"+	TOPSOIL YELLOW BROWN SANDY LOAM BROWN MODERATELY COMPACTED SAND & GRAVEL GRAY COARSE SAND & GRAVEL
<u>D. 2:</u>	0"-6": 6"-36": 36"-84"+:	TOPSOIL YELLOW BROWN SANDY LOAM GRAY COMPACTED COARSE SAND & GRAVEL
<u>D. 3:</u>	0"-6": 6"-36": 36"-84"+:	TOPSOIL YELLOW BROWN SANDY LOAM GRAY COMPACTED COARSE SAND & GRAVEL
<u>D. 4:</u>	0"-6": 6"-36": 36"-60": 60"-96"+	TOPSOIL YELLOW BROWN SANDY LOAM BROWN MODERATELY COMPACTED SAND & GRAVEL GRAY COARSE SAND & GRAVEL
<u>D. 5:</u>	0"-6": 6"-36": 36"-60": 60"-84"+	TOPSOIL YELLOW BROWN SANDY LOAM BROWN MODERATELY COMPACTED SAND & GRAVEL GRAY COARSE SAND & GRAVEL
<u>D. 6:</u>	0"-6": 6"-36": 36"-84"+:	TOPSOIL YELLOW BROWN SANDY LOAM GRAY COMPACTED COARSE SAND & GRAVEL
<u>D. 7:</u>	0"-6": 6"-36": 36"-84"+:	TOPSOIL YELLOW BROWN SANDY LOAM GRAY COMPACTED COARSE SAND & GRAVEL
<u>D. 8:</u>	0"-6": 6"-24": 24"-48": 48"-60"+	TOPSOIL YELLOW BROWN SANDY LOAM BROWN SANDY LOAM GRAY COMPACTED SAND & GRAVEL
<u>D. 9:</u>	0"-6": 6"-24": 24"-48": 48"-72"+	TOPSOIL YELLOW BROWN SANDY LOAM BROWN SANDY LOAM GRAY COMPACTED SAND & GRAVEL

SOILS LEGEND		
SOILS	DESCRIPTION	HYDROLOGICAL GROUP
<i>CrC</i>	Charlton-Chatfield complex, rolling, very rocky	<i>B</i>
<i>ChE</i>	Charlton Loam, 25% to 35% Slopes	<i>B</i>
<i>PnB</i>	Paxton fine sandy loam, 2% to 8% slopes	<i>C</i>
<i>PnC</i>	Paxton fine sandy loam, 8% to 15% slopes	<i>C</i>
<i>PnD</i>	Paxton fine sandy loam, 15% to 25% slopes	<i>C</i>
<i>PoC</i>	Paxton fine sandy loam, 8% to 15% slopes, Very Stony	<i>C</i>
<i>LeB</i>	Leicester Loam, 3% to 8% Very Stony	<i>C</i>

Note: Soils information shown is based on interpretation of the USDA SCS Soils Survey.



7	1-27-21	REVISED PER PCDHF COMMENTS	MEU
6	12-7-20	REVISED PER TOWN & PCDHF COMMENTS	JWM
5	8-13-20	ISSUED FOR BID	JWM
4	2-18-20	REVISED PER TOWN COMMENTS	GM
3	1-21-20	REVISED PER TOWN COMMENTS	GM
2	9-13-19	REVISED PER TOWN COMMENTS	MEU
1	07-29-19	REVISED FOR PLANNING BOARD SUBMISSION	KAM
NO.	DATE	REVISION	BY



3 Garrett Place
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PROJECT:
PUTNAM VALLEY FIRE STATION #1
AND AMENDED SITE PLAN FOR
PUTNAM VALLEY AMBULANCE CORPS
OFFICINA LIFE ROAD, TOWN OF PUTNAM VALLEY, COUNTY OF PUTNAM, NEW YORK

DRAWING:

SSTS & WELL PLAN

PROJECT NUMBER	09105.100	PROJECT MANAGER	J.J.C.	DRAWING NO. HD-1	SHEET 9 11
DATE	7-29-19	DRAWN BY	M.E.U.		
SCALE	AS SHOWN	CHECKED BY	E.M.S.		