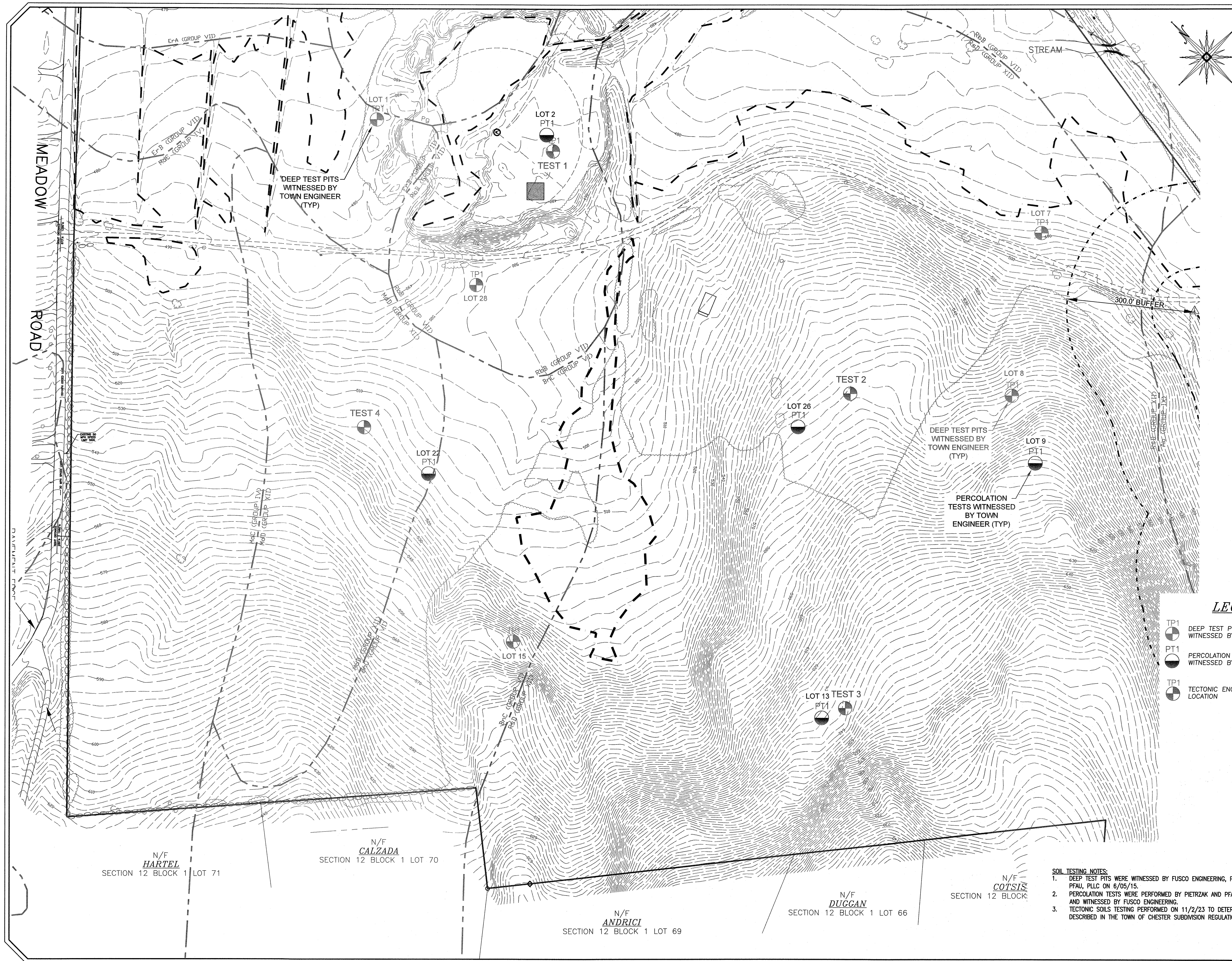




DEEP TEST PITS WITNESSED
BY FUSCO ENGINEERING

LOT #	DEEP TEST PIT #1 RESULTS
1	0'-8" TOPSOIL 8'-18" SILTY, SANDY LOAM 18'-72" COARSE SAND WITH SLIGHT CLAY MOTTLING NO BEDROCK, NO GROUNDWATER
7	0'-6" TOPSOIL 6'-48" SILTY LOAM, CLAY MOTTLED 48'-72" SILTY, SANDY LOAM, CLAY MOTTLED SLIGHT SEEPAGE @ BOTTOM OF TEST PIT NO BEDROCK, NO GROUNDWATER
8	0'-10" TOPSOIL 10'-54" SANDY LOAM WITH TRACE SILT AND GRAVEL HIT SHALE @ 54" NO MOTTLING, NO BEDROCK, NO GROUNDWATER
15	0'-12" TOPSOIL 12'-54" SILTY LOAM WITH RIPPLED SHALE HIT SHALE @ 54" NO MOTTLING, NO BEDROCK, NO GROUNDWATER
28	0'-10" TOPSOIL 10'-60" SILTY LOAM, CLAY MOTTLED 60'-90" FINE SAND NO BEDROCK, NO GROUNDWATER

PERC TESTS WITNESSED
BY FUSCO ENGINEERING

LOT #	STABILIZED PERCOLATION RATE
2	PT1: 2 MINUTES DEPTH: 24"
9	PT1: 10 MINUTES DEPTH: 24"
13	PT1: 2 MINUTES DEPTH: 24"
22	PT1: 4 MINUTES DEPTH: 24"
26	PT1: 2 MINUTES DEPTH: 24"

TECTONIC ENGINEERING
TEST RESULTS

TEST #	DETERMINED SOILS GROUP
1	GROUP I
2	GROUP VI
3	GROUP VI
4	GROUP IV

LEGEND:

- TP1 DEEP TEST PIT LOCATION AS
WITNESSED BY FUSCO ENGINEERING
- PT1 PERCOLATION TEST LOCATION AS
WITNESSED BY FUSCO ENGINEERING
- TP1 TECTONIC ENGINEERING TEST PIT
LOCATION

REVISIONS	DATE	DESCRIPTION	INITIALS
11-6-23	PLAN PREPARATION DATE	JUP	
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JUP	
1-4-19	REVISED PER WETLAND SEPARATION REQUIREMENTS	JUP	
6-19-15	REVISED PER PS COMMENTS	MWS	
6-15-15	REVISIONS AS PER SOILS TESTING	NR	
11-7-14	REV YIELD PLAN LAYOUT/ENG. COMMENTS 10/8/14	JUP	
9-30-14	YIELD PLAN PREPARATION DATE	JUP	

MAP CHECK DATE: 03/06/00 INITIALED BY: --

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A GOSHEN, NEW YORK 10924
(845) 284-0900 FAX (845) 786-4646

JOSEPH J. PFAU, P.E. LICENSE NO. 050023
VINCENT L. PIETRZAK, P.E. LICENSE NO. 050023

SIGNATURE: [Signature] DATE: 11/6/23

BARODA YIELD PLAN

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

SOILS TEST
LOCATION PLAN
SECTION 12, BLOCK 1, LOT 31

DRAWING TITLE		
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.		
O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
N/A OF	N/A OF	1 OF 1
SCALE	CAD REFERENCE	PROJECT NUMBER
1"=100'	WORKING YIELD	14118.01

- SOIL TESTING NOTES:
- DEEP TEST PITS WERE WITNESSED BY FUSCO ENGINEERING, PC AND PIETRZAK & PFAU, PLLC ON 6/05/15.
 - PERCOLATION TESTS WERE PERFORMED BY PIETRZAK AND PFAU, PLLC ON 10/13/23 AND WITNESSED BY FUSCO ENGINEERING.
 - TECTONIC SOILS TESTING PERFORMED ON 11/2/23 TO DETERMINE SOILS GROUP AS DESCRIBED IN THE TOWN OF CHESTER SUBDIVISION REGULATIONS.