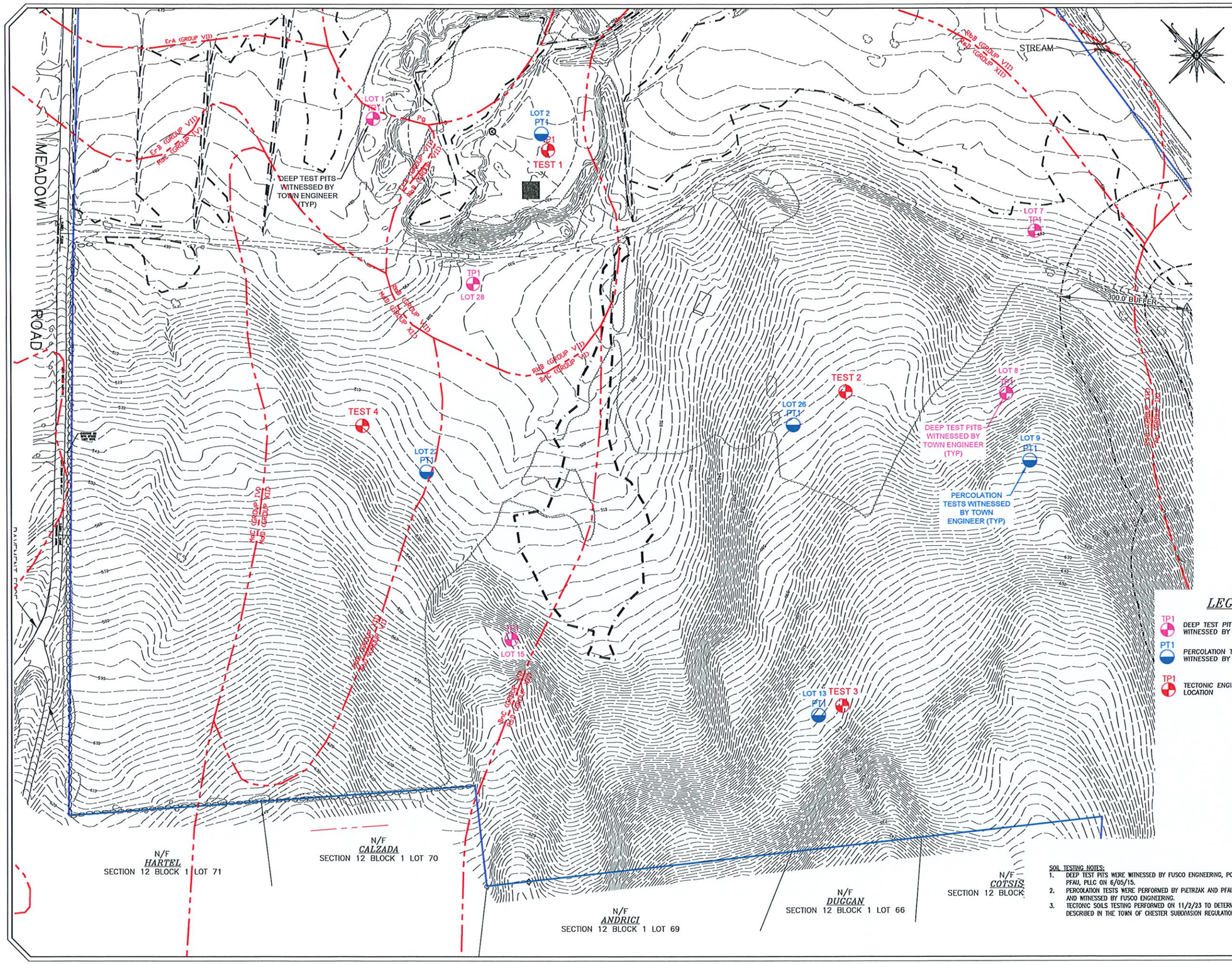

DEEP TEST PITS WITNESSED BY FUSCO ENGINEERING

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 RIPPABLE 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

SOIL TESTING NOTES:

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

DATE	DESCRIPTION	INITIALS
11-6-23	PLAN PREPARATION DATE	JJP
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JJP
1-9-18	REVISED PER WETLAND SEPARATION REQUIREMENTS	JJP
6-19-15	REVISED PER PB COMMENTS	WVS
6-15-15	REVISIONS AS PER SOILS TESTING	NR
11-7-14	REV YIELD PLAN LAYOUT/L. ENG. COMMENTS 10/8/14	JJP
9-30-14	YIELD PLAN PREPARATION DATE	JJP

REVISIONS

MAP CHECK DATE: 00/00/00 INITIALED BY: --,--

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC

282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10924
(845) 294-0808

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 796-4848

JOSEPH J. PFAU P.E.
LICENSE NO. 062545

MICHAEL F. CORRIGAN P.L.S.
LICENSE NO. 050323

VINCENT A. PIETRZAK P.E., P.L.S., LEED AP
P.E. LICENSE NO. 076206 P.L.S. LICENSE NO. 050075
N.J.P.L.S. LICENSE NO. 35394

SIGNATURE DATE

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 1"=100'	CAD REFERENCE WORKING YIELD	PROJECT NUMBER 14118.01