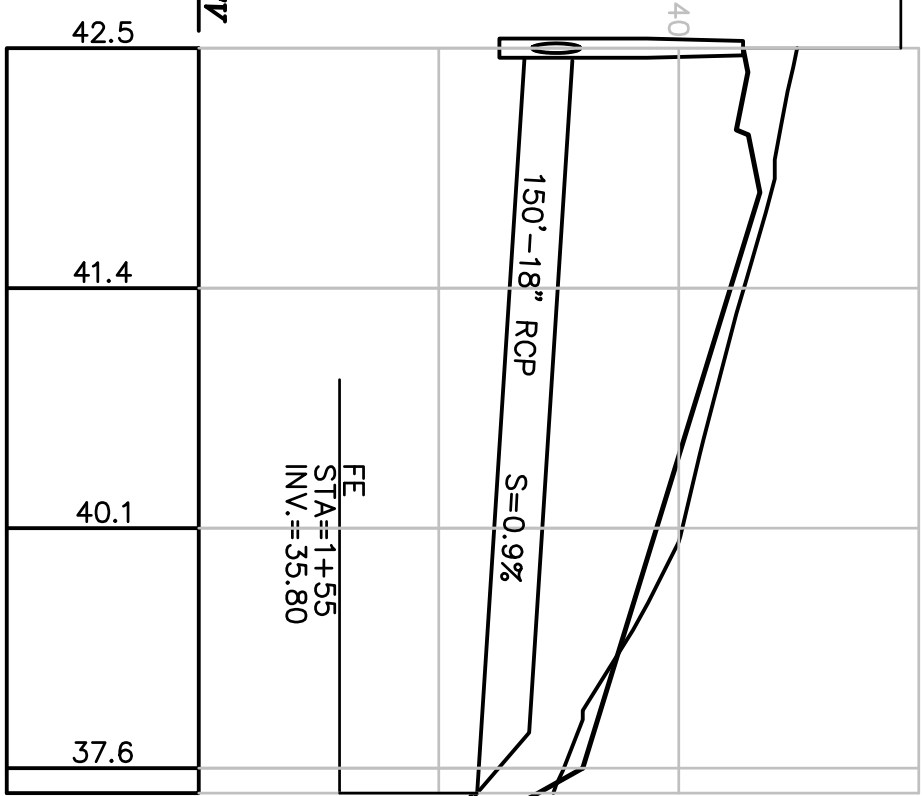
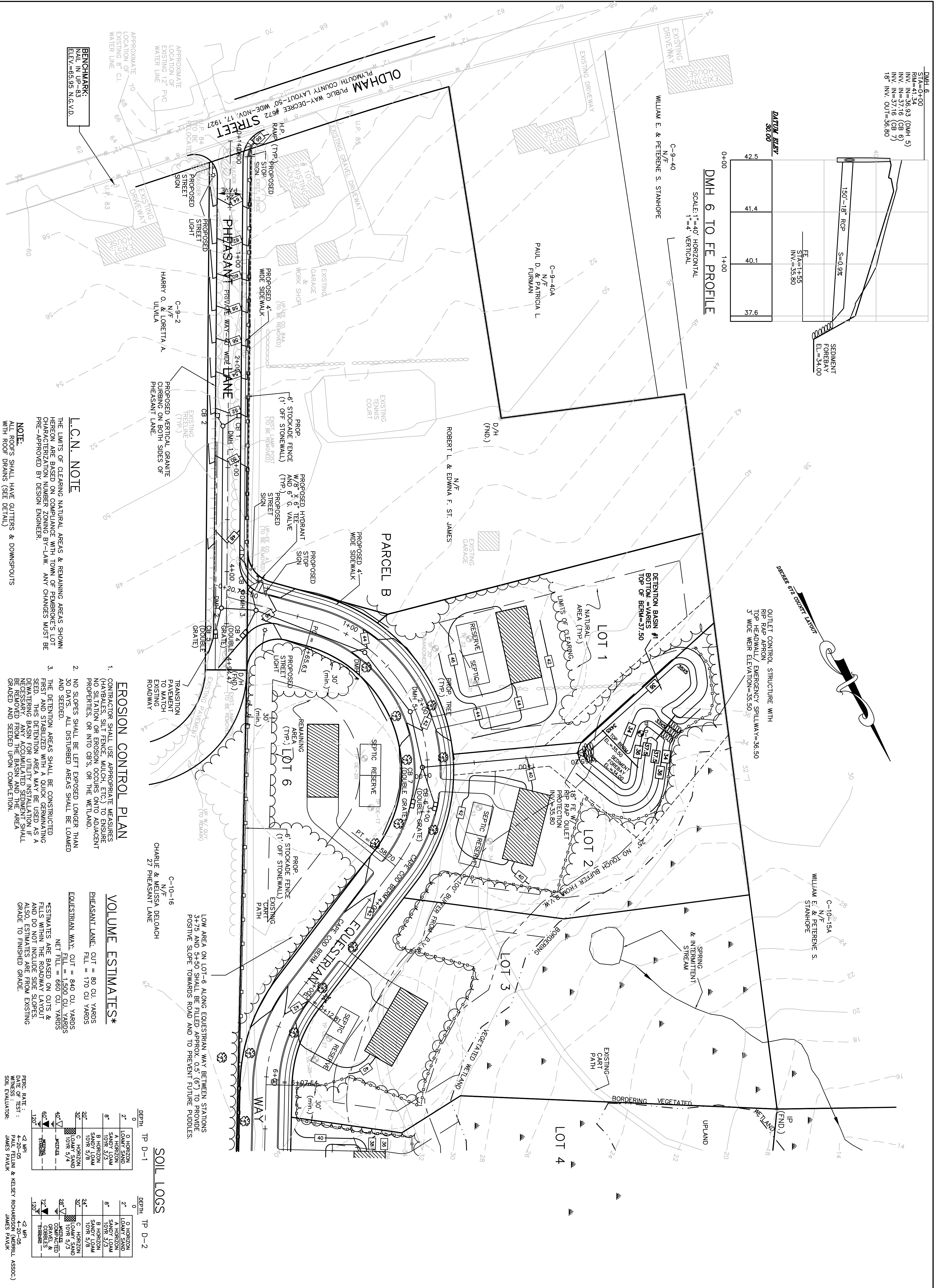
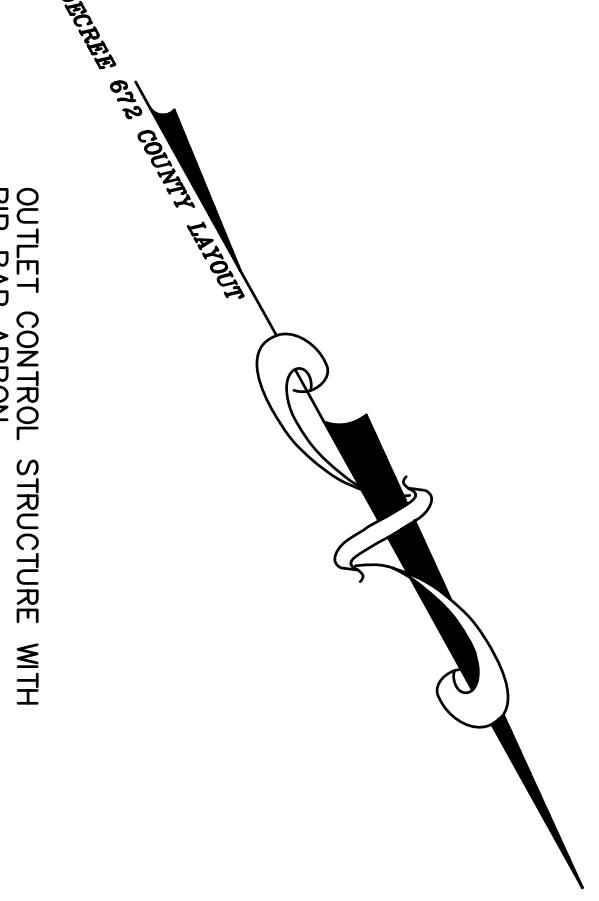


DMH 6
 STA=0+00
 RIM=41.34
 INV.=35.93 (DMH 5)
 INV.=37.16 (CB 9)
 INV.=37.16 (CB 9)
 18" INV. OUT.=35.80



DMH 6 TO FE PROFILE
 SCALE: 1"=40' HORIZONTAL
 1"=4' VERTICAL



OUTLET CONTROL STRUCTURE WITH
 RIP RAP APRON
 TOP HEADWALL/ EMERGENCY SPILLWAY=36.50
 3' WIDE WEIR ELEVATION=35.50

DETECTION BASIN #1
 BOTTOM = VARIES
 TOP OF BERM=37.50

L.C.N. NOTE

THE LIMITS OF CLEARING NATURAL AREAS & REMAINING AREAS SHOWN HEREON ARE BASED ON COMPLIANCE WITH TOWN OF PEMBROKE'S LOT CHARACTERIZATION NUMBER ZONING BY-LAW. ANY CHANGES MUST BE PRE-APPROVED BY DESIGN ENGINEERS.

NOTE:
 ALL ROOFS SHALL HAVE GUTTERS & DOWNSPOUTS WITH ROOF DRAINS (SEE DETAIL).

EROSION CONTROL PLAN

1. CONTRACTOR SHALL USE APPROPRIATE MEASURES (HAYBALES, SILT FENCE, MULCH, ETC.) TO ENSURE NO SILTATION OR EROSION OCCURS ONTO ADJACENT PROPERTIES, OR INTO CB'S, OR THE WETLAND.
2. NO SLOPES SHALL BE LEFT EXPOSED LONGER THAN 30 DAYS. ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED.
3. THE DETENTION AREAS SHALL BE CONSTRUCTED FIRST AND SLOPED WITH A 3:1 MINIMUM SLOPE. A DEMANDING BASIN FOR UTILITY INSTALLATION IF NECESSARY. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE BASIN AND THE AREA GRADED AND SEEDED UPON COMPLETION.

VOLUME ESTIMATES*

- PHESANT LANE:** CUT = 80 CU. YARDS
 FILL = 170 CU. YARDS
- EQUESTRIAN WAY:** CUT = 840 CU. YARDS
 FILL = 1,500 CU. YARDS
- *ESTIMATES ARE BASED ON CUTS & FILLS WITHIN THE ROADWAY LAYOUT AND DO NOT INCLUDE SIDE SLOPES. ALSO, ESTIMATES ARE FROM EXISTING GRADE TO FINISHED GRADE.

LOW AREA ON LOT-6 ALONG EQUESTRIAN WAY BETWEEN STATIONS 3+75 AND 5+50 SHALL BE FILLED APPROX. 0.5' (6") TO PROVIDE POSITIVE SLOPE TOWARDS ROAD AND TO PREVENT FUTURE PUDDLES.

SOIL LOGS

DEPTH	TP D-1	DEPTH	TP D-2
0	A HORIZON LOAM SAND	0	A HORIZON LOAM SAND
2'	B HORIZON SANDY LOAM	2'	B HORIZON SANDY LOAM
4'	C HORIZON SANDY LOAM	4'	C HORIZON SANDY LOAM
6'	TORF 5/8"	6'	TORF 5/8"
8'	TORF 5/8"	8'	TORF 5/8"
10'	TORF 5/8"	10'	TORF 5/8"
12'	TORF 5/8"	12'	TORF 5/8"

PERC RATE :
 DATE OF TEST :
 NAME OF TESTER :
 SOIL EVALUATOR:

FOR REGISTRY USE ONLY

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMANCE WITH THE RULES AND REGULATIONS OF THE REGISTER OF DEEDS.



DATE PROFESSIONAL LAND SURVEYOR APPROVED SUBJECT TO TERMS, CONDITIONS & RESTRICTIONS OF A COVENANT DATED UNDER THE PROVISIONS OF GENERAL LAWS CHAPTER 41, SECTION 81-U, AND DECLARATION OF RESERVED EASEMENTS TO BE RECORDED HEREWITH.

DATE:

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL, AND THAT NO APPEAL HAS BEEN FILED AT THIS OFFICE.

TOWN CLERK - TOWN OF PEMBROKE

PEMBROKE PLANNING BOARD

OWNER & APPLICANT

PEMBROKE CAPITAL PARTNERS, LLC
 32 NORFOLK AVENUE
 SOUTH EASTON, MA 02575

ASSESSORS MAP 09 LOT 1
 DEED BOOK 28200 PAGE 19

REVISIONS

NO.	DATE	DESCRIPTION
1	4-5-05	ADD L.C.N. CLEARING LIMITS
2	5-04-05	PER. REVIEW ENGINEER COMMENTS
3	5-18-05	PER. 3RD REVIEW COMMENTS
4	5-26-05	PER. 3RD REVIEW COMMENTS
5	6-23-05	PLANNING BOARD COMMENTS

GRADING & EROSION CONTROL PLAN

EQUESTRIAN ESTATES DEFINITIVE SUBDIVISION

IN
 PEMBROKE MASSACHUSETTS



165 EAST GROVE STREET
 MIDDLEBROUGH, MA 02346
 TEL: (508)-946-9231

DRAWN BY: JG
 DATE: 3/22/05
 PROJECT NO. 988
 988-SH-3.DWG
 SHEET 3 OF 10

CHECKED BY: JAP

SCALE: 1"=40'