JV ENGINEERING
706 TALL OAKS DRIVE
BRICK, NEW JERSEY 08724
E-mail - JVENGINEERING@AOL.com
Fax   (732) 206-0701
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PROPOSED RETAINING WALL (3' H)

PROPOSED DRY-WELL (UP)

SAND FILTER BOTTOM DETENTION BASIN
100 YEAR WSE - 153.49

SEDIMENT FOREBAY

TP D-2

TP D-1

10' WIDE STREAM CORRIDOR REDUCTION
(AREA = 1,689 SF)

6" THICK K-5 FILTER BOTTOM

LAY CORE IN DEM (See Detail)

20' WIDE EAVES SPILLWAY EDGE

CONCRETE DOWS

INVT.(4" x 6" WEB) 181.4
INVT.(IN/OUT) 149.07

D.S. 82

08/24/05

INVT.(159.75)

inv.(4" x 6" WEB) 181.4

30" RAP APRON @ 12% CROWN

20.0' 8" CORRUGATED PIPE (AREA = 4

10' WIDE BRAKE PAVE ACCESSeway

12" HOPE 24" 0.35%

65 LF 12.0' CROWN

PROPOSED RETAINING
WALL (3' H)

P&G DEV CO. (INC.)
19.73± Acres.

LOT 3.02

LOT 3.02 BLOCK 84.02
42 SMITHBURG ROAD

TOWNSHIP OF MANALAPAN MONMOUTH COUNTY NEW JERSEY

JV ENGINEERING
Engineers Planners
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BRICK, NEW JERSEY 08724
Phone (732) 539-9386
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ALTERNATE DETENTION BASIN DESIGN EXHIBIT
FOR

GALLOPING HILLS @ MANALAPAN
LOT 3.02 BLOCK 84.02
42 SMITHBURG ROAD

MAY 4, 2005

MAY 4, 2005

SH. P. VINCENT

SH. P. VINCENT