

SOIL MAPPING
 REFERENCE: WEB SOIL SURVEY PREPARED BY USDA NRCS - SEPTEMBER 23, 2019
 DunB-DUNELLEN SANDY LOAM
 HYDROLOGIC SOILS ~ A
 DunC-DUNELLEN SANDY LOAM
 HYDROLOGIC SOILS ~ A

BLOCK 516.01
LOT 1.01 (FORMER LOTS 1, 2 & 3)
 144.8045 ACRES (TO R.O.W.)
 (D.B. 6655, PG. 623)

EX DA
3.05 ACRES
TO PL25 MIN
PERV. ON 99.0
IMP. ON 98.0

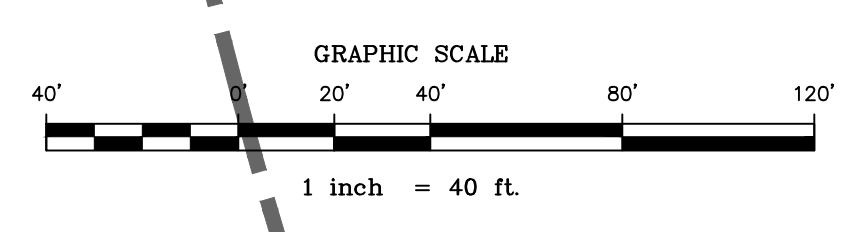
A

B

DunB

DunC

APPROXIMATE LOCATION OF
 ATHLETIC'S FIELD (TYPICAL)

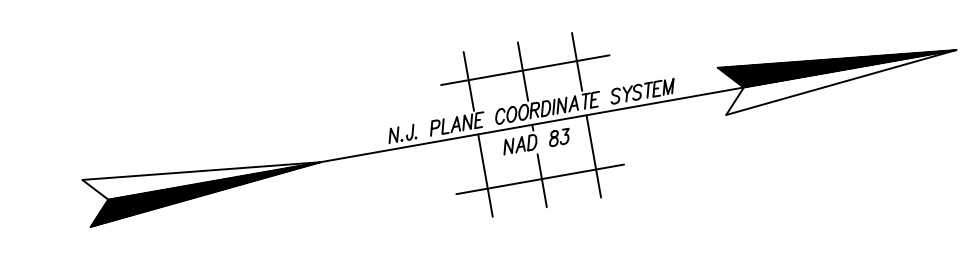


DATE:	SEPTEMBER 23, 2019
SCALE:	1" = 40'
DESIGNED BY:	M.K.F.
DRAWN BY:	K.H.
CHECKED BY:	M.K.F.
JOB NO.:	99-11-FS.01



EXISTING DRAINAGE AREA MAP
 PREPARED FOR
LOT 1.01 IN BLOCK 516.01
 SITUATED IN
FRANKLIN TOWNSHIP
SOMERSET COUNTY, NEW JERSEY

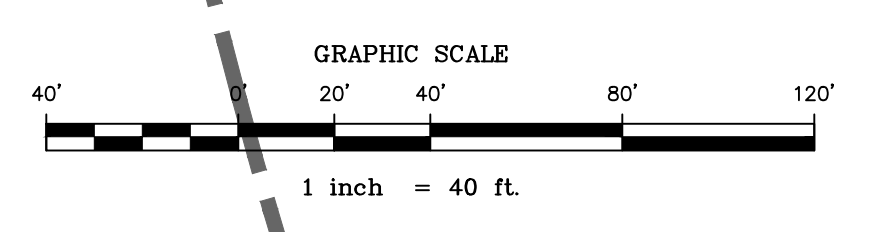
BY: *Michael K. Ford*
 Michael K. Ford
 New Jersey Professional Engineer
 No. 34722



PR DA
3.05 ACRES (TOTAL)
1.50 ACRES
(INFILTRATED AREA)
Tc 21.42 MIN
PERV. CN 39.0
IMP. CN 99.0

BLOCK 516.01
LOT 1.01 (FORMER LOTS 1, 2 & 3)
144.8045 ACRES (TO R.O.W.)
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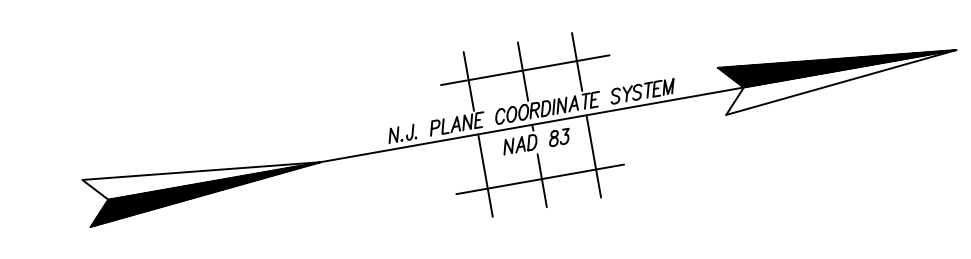
Van Cleef
ENGINEERING ASSOCIATES, LLC

Consulting Civil Engineering
 Environmental Engineering
 Municipal Engineering
 Land Surveying
 Professional Planning
 Landscape Architecture

30 BROWER LANE, 100 BOX 5077, HILLSBOROUGH, NJ 08844
 EMAIL: VCE@VCEA.ORG WEB: WWW.VCEA.ORG
 OFFICES THROUGHOUT NJ, EASTERN PA AND DE
 PHONE: (908) 359-0291 FAX: (908) 359-1590 NJ L.L.C. CERT. NO. 240A28132300

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 Michael K. Ford
 New Jersey Professional Engineer
 No. 34722

PROPOSED DRAINAGE AREA MAP
 PREPARED FOR
LOT 1.01 IN BLOCK 516.01
 SITUATED IN
FRANKLIN TOWNSHIP
SOMERSET COUNTY, NEW JERSEY



SL 24
EX GRADE EL -53.5±
SEEPAGE - 75"
SHGW EL -47.25 ±
PB RATE - 136 in/hr

SL 1
EX GRADE EL -55.15±
WATER -100"
SHGW EL -46.8 ±
PB RATE - 19.2 in/hr

SL 13
EX GRADE EL -57.50±
WATER -107"
SHGW EL -48.6 ±
PB RATE - NOT
ENOUGH WATER

SL 14
EX GRADE EL -58.10±
WATER -107"
SEEPAGE - 97"
SHGW EL -50.05±
PB RATE - NOT
ENOUGH WATER

SL 15
EX GRADE EL -60.20±
WATER -105"
SHGW EL -51.45±
PB RATE - 215 in/hr

SL 16
EX GRADE EL -60.30±
WATER -90"
SHGW EL -52.80±
PB RATE - 7.83 in/hr

SL 17
EX GRADE EL -60.75±
WATER -84"
SHGW EL -53.75±
PB RATE - 6.46 in/hr

SL 2
EX GRADE EL -55.8±
WATER -92"
SHGW EL -48.1 ±
PB RATE - 84 in/hr

SL 3
EX GRADE EL -55.0±
SEEPAGE -80"
REFUSAL - 112"
SHGW EL -48.3 ±
PB RATE - 15 in/hr

SL 4
EX GRADE EL -54.0±
REFUSAL - 102"
NO MOTTLES

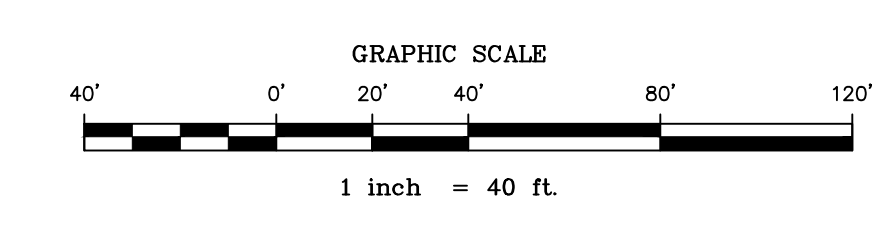
SL 27
EX GRADE EL -54.1±
SEEPAGE -80"
SHGW EL -47.45 ±
PB RATE - 42 in/hr

SL 5
EX GRADE EL -53.90±
WATER -58"
SHGW EL -49.07±
PB RATE - 198 in/hr

SL 6
EX GRADE EL -52.10±
SEEPAGE -80"
WATER -108"
SHGW EL -45.43±
PB RATE - 123 in/hr

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APPROXIMATE LOCATION OF
ATHLETIC'S FIELD (TYPICAL)



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SOIL LOG EXHIBIT
PREPARED FOR
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