

GRADING & DRAINAGE PLAN

SOIL EROSION & SEDIMENT CONTROL PLAN

Engineering Design Associates, P.A.
EDA
 Environmental Planners, Landscape Architects
 CAMBRIDGE PROFESSIONAL OFFICES
 5 Cambridge Drive Ocean View, NJ 08230
 (609) 980-9204
 REGISTERED PROFESSIONAL ENGINEERS

GRADING AND DRAINAGE PLAN
 BLOCK 6701, LOT 3
 TOWNSHIP OF FRANKLIN
 GLOUCESTER COUNTY, NEW JERSEY

JOSEPH H. MAFFEI
 PROFESSIONAL ENGINEER
 N.J.P.E. LIC. #37894

IF THIS PLAN OR DOCUMENT DOES NOT CONTAIN A RAISED SEAL IMPRESSION BEARING THE NAME AND REGISTRATION NUMBER OF THE ABOVE SIGNED PROFESSIONAL, IT MAY NOT BE AN AUTHORIZED COPY OF THE ORIGINAL DOCUMENT AND MAY HAVE BEEN ALTERED. REPRODUCTION OR FURTHER DISSEMINATION OF THE CONTENTS IN WHOLE OR IN PART REQUIRES PERMISSION IN WRITING FROM ENGINEERING DESIGN ASSOCIATES, P.A.

REV. PER ZONING BRD.	1-12-15	JLB
REV. PER ZONING BRD.	12-16-14	JLB
REV. PER PINELANDS	7-7-14	JLB
REV. PER PINELANDS	5-19-14	JLB
REVISION	DATE	BY



DATE: 3/14/14	DRAWN BY: JLB
SCALE: 1" = 30'	CHECKED BY: JHM
PROJECT #: 6745	SHEET: 4 OF 9

SOIL BORING #1

DEPTH	DESCRIPTION
0'-14"	10YR 4/2 Dark Grayish Brown Sandy Loam, Subangular Blocky, Friable
14'-25"	10YR 5/6 Yellowish Brown Sandy Loam, Subangular Blocky, Friable
25'-46"	7.5YR 5/6 Strong Brown Sandy Loam, Subangular Blocky, Friable
46'-61"	7.5YR 5/6 Strong Brown Loamy Sand, Subangular Blocky, Friable
61'-81"	10YR 6/8 Brownish Yellow Sandy Clay Loam, Subangular Blocky, Friable
81'-103"	7.5YR 6/6 Reddish Yellow Loamy Sand, Subangular Blocky, Friable

Depth of Seasonal High Water >103"
 Depth of Groundwater: >103"
 Date Performed: 2/25/14
 Performed By: Christopher J. Carey, LLA

SOIL BORING #2

DEPTH	DESCRIPTION
0'-16"	10YR 4/3 Brown Sandy Loam, Subangular Blocky, Friable
16'-28"	10YR 5/4 Yellowish Brown Loamy Sand, Subangular Blocky, Friable
28'-95"	7.5YR 5/6 Strong Brown Sandy Clay Loam, Subangular Blocky, Friable
95'-107"	7.5YR 6/6 Reddish Yellow Loamy Sand, Subangular Blocky, Friable

Depth of Seasonal High Water >107"
 Depth of Groundwater: >107"
 Date Performed: 2/25/14
 Performed By: Christopher J. Carey, LLA

SOIL BORING #3

DEPTH	DESCRIPTION
0'-14"	10YR 4/3 Brown Sandy Loam, Subangular Blocky, Friable
14'-25"	10YR 5/6 Yellowish Brown Sandy Loam, Subangular Blocky, Friable
25'-93"	7.5YR 6/6 Reddish Yellow Sandy Clay Loam, Subangular Blocky, Friable
93'-105"	7.5YR 6/6 Reddish Yellow Loamy Sand, Subangular Blocky, Friable

Depth of Seasonal High Water >105"
 Depth of Groundwater: >105"
 Date Performed: 5/13/14
 Performed By: Christopher J. Carey, LLA

SOIL BORING #4

DEPTH	DESCRIPTION
0'-10"	10YR 4/2 Dark Grayish Brown Sandy Loam, Subangular Blocky, Friable
10'-40"	10YR 5/6 Yellowish Brown Sandy Loam, Subangular Blocky, Friable
40'-75"	7.5YR 6/6 Reddish Yellow Brown Sandy Clay Loam, Subangular Blocky, Friable
75'-105"	7.5YR 6/8 Reddish Yellow Sandy Loam, Subangular Blocky, Friable

Depth of Seasonal High Water >105"
 Depth of Groundwater: >105"
 Date Performed: 5/13/14
 Performed By: Christopher J. Carey, LLA

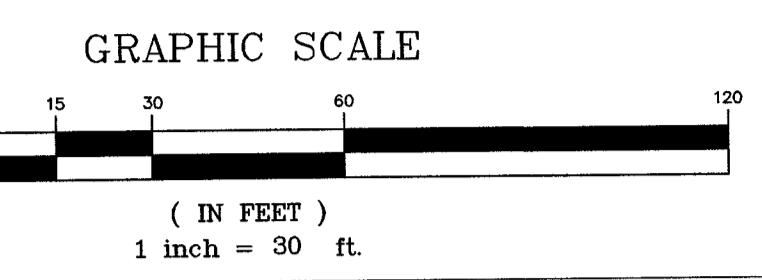
SOIL BORING #5

DEPTH	DESCRIPTION
0'-12"	10YR 4/2 Dark Grayish Brown Sandy Loam, Subangular Blocky, Friable
12'-35"	10YR 6/6 Brownish Yellow Sandy Loam, Subangular Blocky, Friable
35'-95"	7.5YR 6/6 Reddish Yellow Brown Sandy Clay Loam, Subangular Blocky, Friable
95'-103"	7.5YR 5/6 Strong Brown Sandy Clay Loam, Subangular Blocky, Friable

Depth of Seasonal High Water >103"
 Depth of Groundwater: >103"
 Date Performed: 5/13/14
 Performed By: Christopher J. Carey, LLA

BLOCK 6701
LOT 3
 6.12 ACRES (GROSS)
 5.15 ACRES (NET)

LOT 4



LEGEND

EXISTING SPOT ELEVATION	x 97.06'
PROPOSED SPOT ELEVATION	+ 98.63
EXISTING CONTOUR	--- 100 ---
PROPOSED CONTOUR	--- 100 ---
LIMIT OF DISTURBANCE
SILT FENCE	---

