

Proposed site submittal - 1 (PSC-1)
 Proposed Site Conditions - Area = 298,993 SF (4.73 AC)

Surface Conditions & Soils:
 40% LBS - Longleaf Pine/Spruce Pine
 34% HSC - Hard Pine/Longleaf Pine
 14% HSB - Hard Pine/Shortleaf Pine
 12% HSB - Hard Pine/Shortleaf Pine
 Hydrologic Soil Group (HSG) C

Rough Grade Number =

Overland Stormwater Runoff - Longleaf Pine/Spruce Pine - LF
 To Design Point 1 - (DPP-1)

Proposed Site Submittal - 1 (PSC-1)
 Proposed Site Conditions - Area = 198,478 SF (4.56 AC)

Surface Conditions & Soils:
 37% CIB - Carolina Granite/Silt Loam
 Hydrologic Soil Group (HSG) B
 43% ICB - Iron Silty Clay Loam
 Hydrologic Soil Group (HSG) C

Rough Grade Number =

Overland Stormwater Runoff - Longleaf Pine/Spruce Pine - LF
 To Design Point 1 - (DPP-1)

Proposed Site Submittal - 1 (PSC-1)
 Proposed Site Conditions - Area = 740,023 SF (16.84 AC)

Surface Conditions & Soils:
 85% OSA - Oak Chestnut Loam
 Hydrologic Soil Group (HSG) C
 15% LUB - Longleaf Pine/Spruce Pine
 Hydrologic Soil Group (HSG) C

Rough Grade Number =

Overland Stormwater Runoff - Longleaf Pine/Spruce Pine - LF
 To Design Point 2 - (DPP-2)

Proposed Site Submittal - 1 (PSC-1)
 Proposed Site Conditions - Area = 298,993 SF (4.73 AC)

Surface Conditions & Soils:
 40% LBS - Longleaf Pine/Spruce Pine
 34% HSC - Hard Pine/Longleaf Pine
 14% HSB - Hard Pine/Shortleaf Pine
 12% HSB - Hard Pine/Shortleaf Pine
 Hydrologic Soil Group (HSG) C

Rough Grade Number =

Overland Stormwater Runoff - Longleaf Pine/Spruce Pine - LF
 To Design Point 2 - (DPP-2)



REFERENCE HYDROCAD (HYDRAULIC & HYDROLOGIC) MODELING RESULTS PRESENTED WITH THESE PLANS

EAST LAKE COTTAGES LEISURE VILLAGE
 HYDRAULIC AND HYDROLOGIC WORKSHEET
 PROPOSED CONDITIONS

TOWN OF LAWRENCE, LAWRENCE, NEW YORK

DATE: 05/27/2024
 SCALE: 1" = 70'
 PROJECT NO.: SV-7



LAWRENCE FRAZEE, P.E., L.E.
 600 POWERS ROAD N.
 KING TOWN, NEW YORK 13091
 PHONE: (807) 861-0840

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Existing Subcatchment - 1 (ESC-1)
 Existing Site Conditions - Area = 404,871 Sq. Ft. (9.29 AC)

Surface Conditions & Soils
 18% CRB, Concrete Gravelly, Silty Loam, LB8, 1. among Gravelly, Silty Loam
 Hydrologic Soil Group (HSG) B
 82.0% ICB, Illion Silty Clay Loam, OIA, Owd Silty Loam
 Hydrologic Soil Group (HSG) C

Rural Curve Number =
 CN 77 - 2-AC Lots, 17% impv., Good HSG C Soils
 CN 66 - 2-AC Lots, 17% impv., Good HSG B Soils
 CN 95 - Woods, Good HSG B Soils
 CN 70 - Woods, Good HSG C Soils

Overland Stormwater Runoff - Longest Runpath - 1,070-ft
 Sheet Flow, Short Grass, 100 LF @ S = 2% avg. 4/100
 Shallow Conc. Flow, Densest Material, 123 LF @ S = 2% avg. 4/100
 Shallow Conc. Flow, Wooded, 847 LF @ S = 3.3% avg. 4/100

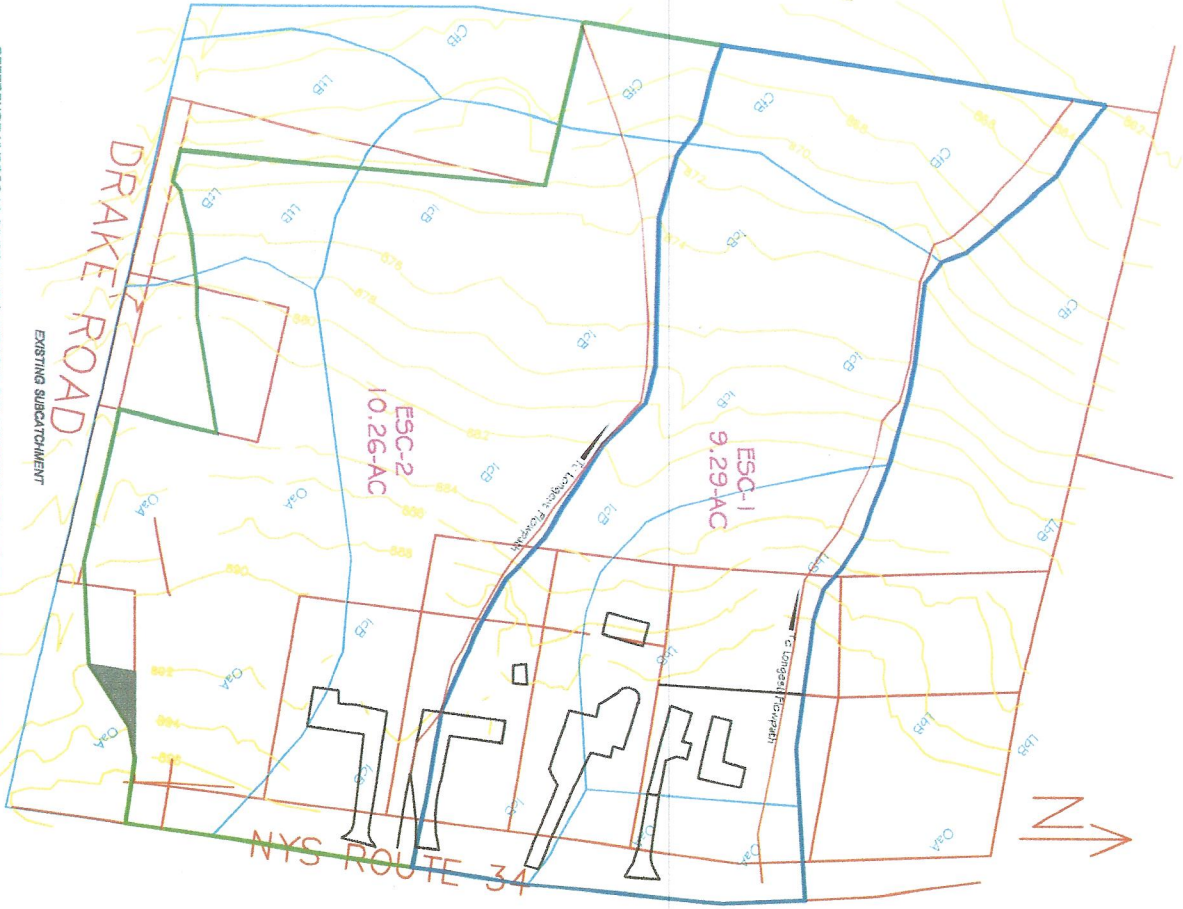
To Design Point 1 (DPE-1)

Existing Subcatchment - 2 (ESC-2)
 Existing Site Conditions - Area = 104,260 AC

Surface Conditions & Soils
 17% CRB, Concrete Gravelly, Silty Loam
 Hydrologic Soil Group (HSG) B
 46% ICB, Illion Silty Clay Loam, OIA, Owd Silty Loam
 Hydrologic Soil Group (HSG) C
 6% ICB, Concrete, Shallow
 Hydrologic Soil Group (HSG) B

Rural Curve Number =
 CN 77 - Woods, Good HSG C Soils
 CN 74 - 47% Grass Cover, Good HSG C Soils
 CN 74 - Woods, Good HSG C Soils
 CN 77 - 2 ac. Lots, 17% impv., Good HSG C Soils
 CN 95 - Woods, Good HSG B Soils
 CN 66 - Forest Parking, Good HSG C Soils

Overland Stormwater Runoff - Longest Runpath - 1,100-ft
 Sheet Flow, Short Grass, 100 LF @ S = 2% avg. 4/100
 Shallow Conc. Flow, Densest Material, 208 LF @ S = 2% avg. 4/100
 Shallow Conc. Flow, Wooded, 700 LF @ S = 4.7% avg. 4/100
 To Design Point 2 (DPE-2)



EAST LAKE COTTAGES LEISURE VILLAGE
 HYDRAULIC AND HYDROLOGIC WORKSHEET
 EXISTING CONDITIONS

TOWN OF LANSEING, LANSEING, NEW YORK

DATE	REVISION
10/20/2011	1
11/15/2011	2
12/15/2011	3
01/15/2012	4
02/15/2012	5
03/15/2012	6
04/15/2012	7
05/15/2012	8
06/15/2012	9
07/15/2012	10

SW-6



LAWRENCE FARNHAM, P.E., L.E.
 630 FERRIS ROAD N.
 KING TOWN, NEW YORK 13001
 Phone: (607) 881-0840

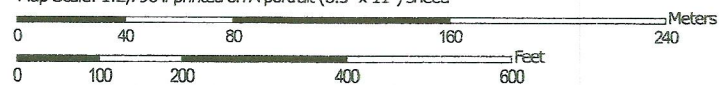
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Soil Map—Tompkins County, New York
(East Lake Cottages Leisure Village)

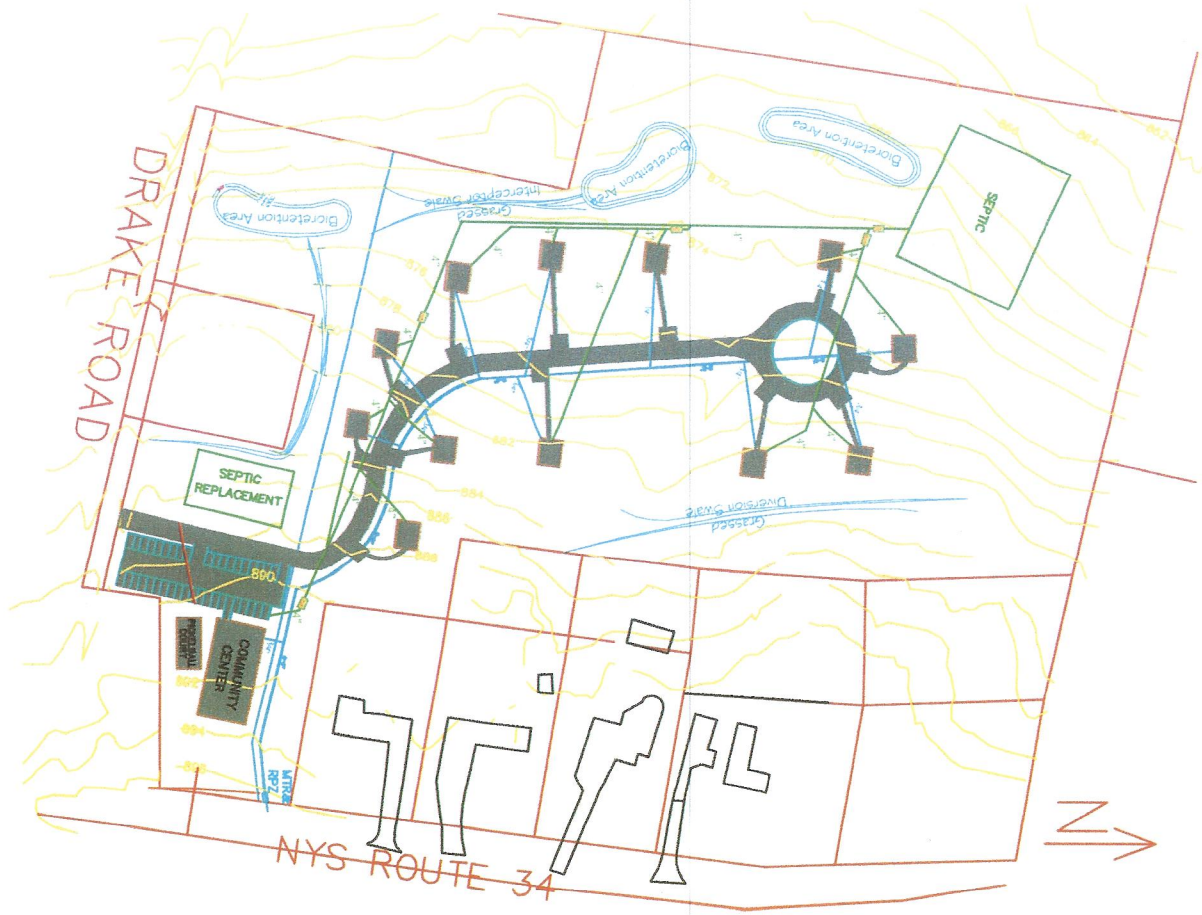


Soil Map may not be valid at this scale.

Map Scale: 1:2,790 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84



EAST LAKE COTTAGES LEISURE VILLAGE
 EROSION & SEDIMENT CONTROL PLAN
 TOWN OF LANSING, LANSING, NEW YORK



LAWRENCE PARRON, P.E., L.S.
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 Phone: (518) 881-8840

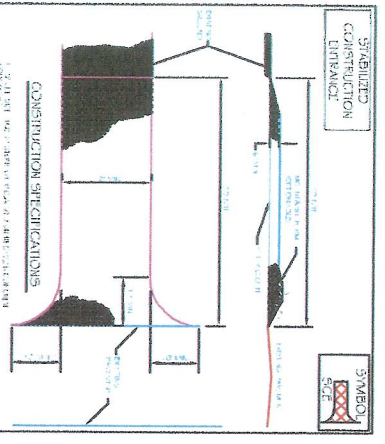
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SV-1

1. The construction contractor shall install and maintain erosion control measures on all exposed earth surfaces during construction.

2. The contractor shall install and maintain erosion control measures on all exposed earth surfaces during construction.

3. The contractor shall install and maintain erosion control measures on all exposed earth surfaces during construction.



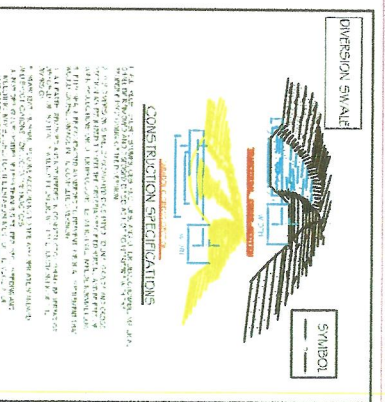
CONSTRUCTION SPECIFICATIONS

1. The ditch shall be constructed in accordance with the specifications of the local authority.
2. The ditch shall be constructed in accordance with the specifications of the local authority.
3. The ditch shall be constructed in accordance with the specifications of the local authority.
4. The ditch shall be constructed in accordance with the specifications of the local authority.
5. The ditch shall be constructed in accordance with the specifications of the local authority.



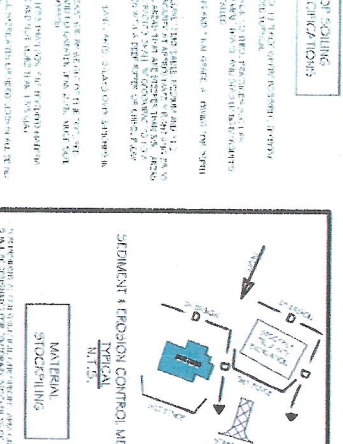
CONSTRUCTION SPECIFICATIONS

1. The swale shall be constructed in accordance with the specifications of the local authority.
2. The swale shall be constructed in accordance with the specifications of the local authority.
3. The swale shall be constructed in accordance with the specifications of the local authority.
4. The swale shall be constructed in accordance with the specifications of the local authority.
5. The swale shall be constructed in accordance with the specifications of the local authority.



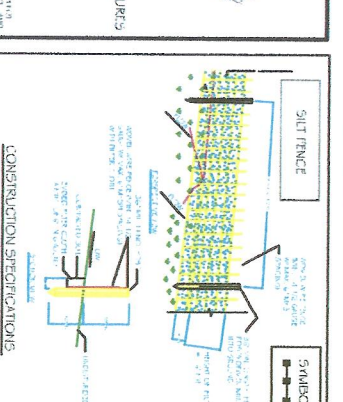
CONSTRUCTION SPECIFICATIONS

1. The swale shall be constructed in accordance with the specifications of the local authority.
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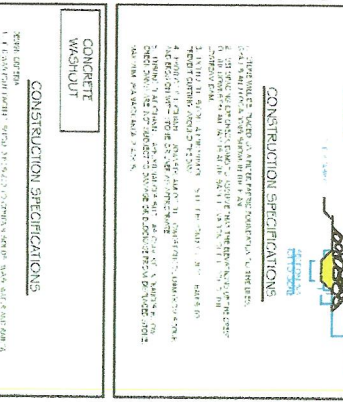
TOPSOILING SPECIFICATIONS

1. The topsoiling layer shall be constructed in accordance with the specifications of the local authority.
2. The topsoiling layer shall be constructed in accordance with the specifications of the local authority.
3. The topsoiling layer shall be constructed in accordance with the specifications of the local authority.
4. The topsoiling layer shall be constructed in accordance with the specifications of the local authority.
5. The topsoiling layer shall be constructed in accordance with the specifications of the local authority.



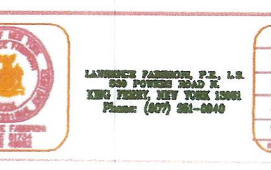
SEDIMENT & EROSION CONTROL MEASURES

1. The sediment control measure shall be constructed in accordance with the specifications of the local authority.
2. The sediment control measure shall be constructed in accordance with the specifications of the local authority.
3. The sediment control measure shall be constructed in accordance with the specifications of the local authority.
4. The sediment control measure shall be constructed in accordance with the specifications of the local authority.
5. The sediment control measure shall be constructed in accordance with the specifications of the local authority.



CONSTRUCTION SPECIFICATIONS

1. The silt fence shall be constructed in accordance with the specifications of the local authority.
2. The silt fence shall be constructed in accordance with the specifications of the local authority.
3. The silt fence shall be constructed in accordance with the specifications of the local authority.
4. The silt fence shall be constructed in accordance with the specifications of the local authority.
5. The silt fence shall be constructed in accordance with the specifications of the local authority.



CONSTRUCTION SPECIFICATIONS

1. The check dam shall be constructed in accordance with the specifications of the local authority.
2. The check dam shall be constructed in accordance with the specifications of the local authority.
3. The check dam shall be constructed in accordance with the specifications of the local authority.
4. The check dam shall be constructed in accordance with the specifications of the local authority.
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**EAST LAKE COTTAGES LEISURE VILLAGE
EROSION & SEDIMENT CONTROL DETAILS**

TOWN OF LANSEING, LANSEING, NEW YORK

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KING PARK, NEW YORK 11501
Phone: (607) 881-0040

SYMBOL: [Symbol]

DATE: [Date]

SCALE: [Scale]

PROJECT NO: [Project No]

SHEET NO: [Sheet No]

SW-1