

<u>MODERATE TO STEEP SLOPES AND LOW MAINTENANCE AREAS</u>	
<u>SPECIES</u>	<u>APPLICATION RATE</u>
EMPIRE BIRDFOOT TREFOIL	8 LBS/ACRE
TALL FESCUE	20 LBS/ACRE
RYEGRASS	5 LBS/ACRE
<u>GENERAL RECREATION AREAS AND LAWNS</u>	
<u>SPECIES</u>	<u>APPLICATION RATE</u>
<u>SUNNY SITES</u> (WELL, MODERATELY WELL AND SOMEWHAT POORLY DRAINED SOILS)	
65% KENTUCKY BLUEGRASS BLEND	85-114 LBS/ACRE
20% PERENNIAL RYEGRASS	26-35 LBS/ACRE
15% FINE FESCUE	19-26 LBS/ACRE
<u>SUNNY DROUGHTY SITES</u> (SOMEWHAT TO EXCESSIVELY DRAINED SOILS)	
65% FINE FESCUE	114-143 LBS/ACRE
15% PERENNIAL RYEGRASS	26-35 LBS/ACRE
20% KENTUCKY BLUEGRASS BLEND	35-44 LBS/ACRE
<u>SHADY DRY SITES</u> (WELL TO SOMEWHAT POORLY DRAINED SOILS)	
80% SHADE TOLERANT KENTUCKY BLUEGRASS BLEND	105-138 LBS/ACRE
20% PERENNIAL RYEGRASS	25-37 LBS/ACRE
<u>SHADY WET SITES</u> (SOMEWHAT POOR TO POORLY DRAINED SOILS)	
70% TROUGH BLUEGRASS	60-91 LBS/ACRE
80% SHADE TOLERANT KENTUCKY BLUEGRASS BLEND	25-39 LBS/ACRE

- A. INSTALL NEEDED WATER AND EROSION CONTROL MEASURES AND BRING AREA TO BE SEED TO DESIRED GRADES USING A MINIMUM OF 4" OF TOPSOIL.
- B. PREPARE SEED BED BY LOOSENING SOIL TO A DEPTH OF 4-6 INCHES
- C. LIME TO A PH OF 6.5
- D. FERTILIZE PER SOIL TESTS, OR, IF FERTILIZER IS TO BE APPLIED BEFORE SOIL TESTS, APPLY 850 POUNDS OF 5-10-10 OR EQUIVALENT PER ACRE (2000 LBS. / 1000 SQ. YD.)
- E. INCORPORATE LIME AND FERTILIZER IN TOP 2-4 INCHES OF SOIL
- F. SMOOTH. REMOVE ALL STONES OVER 1" IN DIAMETER, STICKS AND FOREIGN MATTER. FIRM SEED BED.
- G. APPLY SEED PER PERMANENT SEEDING SCHEDULE.

SLOPES OF 4:1 OR GREATER (HORIZONTAL:VERTICAL)
SLOPES SHALL BE HYDROSEEDED WITH THE MIXTURES AND RATES INDICATED IN THE PERMANENT SEEDING MIXTURE SCHEDULE. STRAW OR HAY MULCH SHALL BE APPLIED AT A RATE OF 2 TONS/ACRE. STRAW OR HAY MULCH SHALL BE ANCHORED WITH BioD-Mesh60 NETTING AS MANUFACTURED BY RoLANKA INTERNATIONAL OR APPROVED EQUIVALENT. NETTING TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS.

AREAS SHALL BE SEEDED BY HYDROSEEDING OR BROADCASTING WITH THE MIXTURES AND RATES INDICATED ON THE PERMANENT SEEDING MIXTURE SCHEDULE. HYDROSEEDED AREAS SHALL BE MULCHED WITH A WOOD FIBER MULCH APPLIED AT A RATE OF 500 LBS/ACRE. BROADCAST AREAS SHALL MULCHED WITH HAY OR STRAW AT A RATE OF 2 TONS/ACRE. AREAS SEEDED BY BROADCASTING SHALL BE LIGHTLY RAKED AND PACKED PRIOR TO PLACING MULCH.

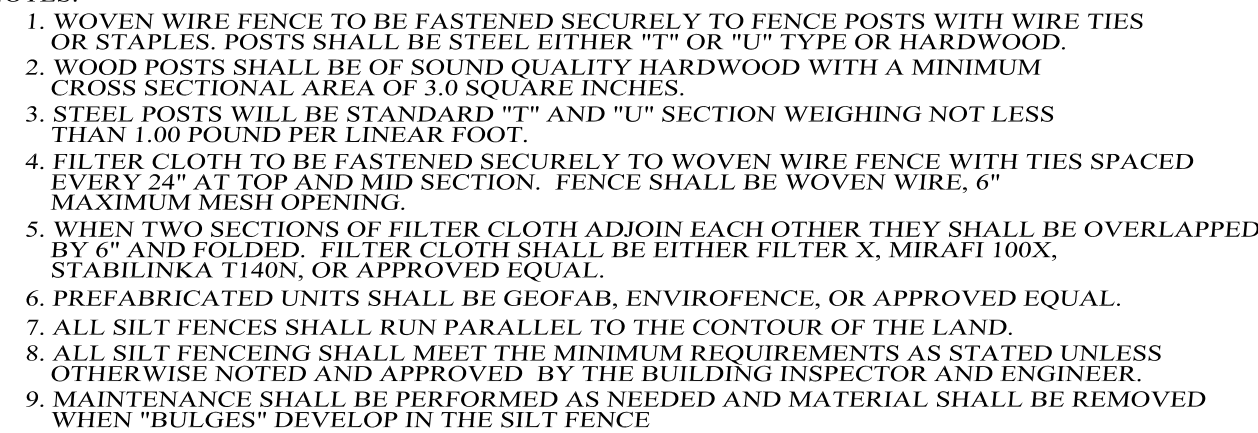
AREAS REMAINING DISBURBED FOR 14 DAYS OR MORE SHALL BE STABILIZED AS FOLLOWS:
SCARIFY SOILS IF COMPACTED. LIME TO pH OF 6.0 IF REQUIRED. FERTILIZE WITH 600 LBS/ACRE 5-10-10 FERTILIZER IF REQ., SEED WITH SPECIES AND RATE SHOWN BELOW, MULCH WITH HAY OR STRAW AT A RATE OF 2 TONS/ACRE, ANCHOR MULCH WITH NETTING OF WOOD FIBER OR JUTE IF STEEP SLOPE OR HIGH POTENTIAL FOR EROSION.

<u>SPECIES</u>	<u>APPLICATION RATE</u>
RYEGRASS (ANNUAL OR PERENNIAL) (USE WINTER RYE IF SEEDING IN OCT./NOV.)	30 LBS/ACRE (0.7 LBS/1000 SF)



1. WELL CONSTRUCTION SHALL CONFORM TO THE MINIMUM STANDARDS SET FORTH BY THE N.Y.S. DEPARTMENT OF HEALTH FOR RURAL WATER SUPPLY.
2. SOFTENING OF HARD WATER WELL IS AT THE DISCRETION OF THE HOMEOWNER AND SOFTENING SHALL BE CONSIDERED ONLY IF EXCESSIVE HARDNESS IS FOUND (GREATER THAN 150 MG/L).
3. THE LOCATION OF WELLS AND SEPTIC FIELDS SHALL NOT BE CHANGED.
4. FOOTING DRAINS WITHIN 25 FEET OF A WELL SHALL BE WATER TIGHT.
5. WELLS MUST BE INSTALLED AT LEAST 100 FEET FROM ALL SEPTIC SYSTEMS AND ALL SEPTIC SYSTEMS MUST BE INSTALLED AT LEAST 100 FEET FROM WELLS.
6. WELL CASING IS TO BE INSTALLED 20 FEET INTO IMPERVIOUS BEDROCK.
7. WELL CASING ABOVE GRADE SHALL BE A MINIMUM OF 24" ABOVE THE 100 YEAR FLOOD LEVEL.

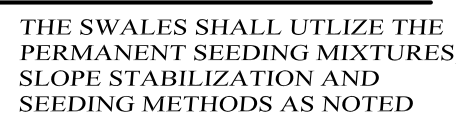
FENCE PROPERTIES	MINIMUM VALUE	STANDARD
GRAB TENSILE STRENGTH (LBS)	90	ASTM D1682
ELONGATION AT FAILURE(%)	50	ASTM D1682
MULEN BURST STRENGTH (PSI)	190	ASTM D3786
PUNCTURE STRENGTH 40 (LBS)	40	ASTM D751 (MODIFIED)
SLURRY FLOW RATE (GAL/MIN/SF)	0.3	
EQUIVALENT OPENING SIZE	40-80	US STD SIEV CW-02215
ULTRAVIOLET RADIATION STABILITY (%)	90	ASTM G-26
<u>SLOPE STEEPNESS</u>	<u>MAXIMUM FENCE SPACING (FT)</u>	
2:1	25	
3:1	50	
4:1	75	
5:1 OR FLATTER	100	



NOT TO SCALE



NOT TO SCALE



1. NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.
2. THE VEGETATIVE DRIP EDGE, AT MATURITY, SHALL NOT PROJECT INTO THE COUNTY R.O.W..
3. NO SIGNS SHALL BE PLACED WITHIN, OR PROJECT INTO, THE COUNTY R.O.W.

THIS SHEET SHALL BE CONSIDERED INCOMPLETE AND INVALID UNLESS
ACCOMPANIED BY SHEETS NUMBER 1 THRU 3 IN THE SET OF 3.

KIRK ROTHER, P.E.		N.Y.S. LIC. NO. 079053		DATE
SEAL OF SUBDIVISION ON WHICH SHALL	D.O.T. SHEET #	D.E.C.S. SHEET #	O.C.H.D. SHEET #	SHEET #
	N.A.	N.A.	N.A.	2 OF 3
	CAD # 20104	PROJECT #	SCALE	
	10-08-2020	20104	AS SHOWN	

CONTACT UNDERGROUND FACILITIES PROTECTION
ORGANIZATION 3 DAYS PRIOR TO CONSTRUCTION @
"DIG SAFELY N.Y. 800-962-7962".