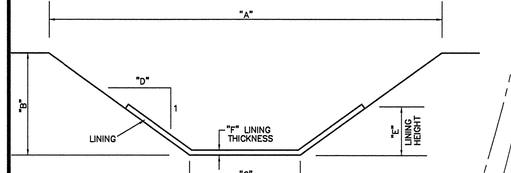
TOTAL DISTURBED AREA = 283,798.52 SF (6.52 Ac.)

LEGEND

SOIL SUITABLE TO SUPPORT CONVENTIONAL SEPTIC SYSTEMS AS DETERMINED BY S&EC WITHIN THEIR REPORT DATED DECEMBER 13, 2004

GENERAL CONSTRUCTION SEQUENCE

1. OBTAIN LAND DISTURBING PERMIT.
2. INSTALL GRAVEL CONSTRUCTION ENTERANCE(S), DIVERSION DITCHES, SILT FENCES, SEDIMENT BASINS AND/OR OTHER MEASURES AS SHOWN ON THE APPROVED PLAN AND ANY SPECIAL CONDITIONS NOTED IN "LETTER OF APPROVAL." STABILIZE ALL DIVERSION DITCHES AND TRAPS IMMEDIATELY FOLLOWING CONSTRUCTION OF DEVICES.
3. CALL 542-8217 FOR ONSITE INSPECTION BY THE CHATHAM COUNTY PUBLIC HEALTH, SOIL EROSION AND SEDIMENTATION CONTROL DEPARTMENT.
4. BEGIN CLEARING, GRUBBING AND GRADING. MAINTAIN MEASURES AS REQUIRED.
5. INSTALL THE STORMWATER CULVERTS AND PROTECT THE INLETS OF THE CULVERTS WITH HORSESHOE INLETS OR OTHER APPROVED MEASURES AS SHOWN ON THE PLANS. ONCE THE CULVERTS ARE INSTALLED, THE PORTION OF THE DIVERSION DITCHES CROSSING THE ROADWAYS CAN BE DIVERTED TO THE CULVERTS. THE DIVERSION DITCHES WILL BE CONVERTED TO THE PERMANENT DITCHES AND LINED DURING CONSTRUCTION.
6. GRADED SLOPES AND FILLS ARE TO BE PLANTED OR PROVIDED WITH PROTECTIVE COVER SUFFICIENT TO RESTRIAN EROSION WITHIN 30 WORKING DAYS AFTER THE COMPLETION OF ANY PHASE OF GRADING. ALL AREAS UPON WHICH NO FURTHER LAND DISTURBING ACTIVITY WILL BE UNDERTAKEN ARE TO BE PLANTED OR PROVIDED WITH PROTECTIVE COVER WITHIN 30 WORKING DAYS. SEE SEEDING SCHEDULE, THIS PAGE.
7. AS CONSTRUCTION PROGRESSES, INSTALL PERMANENT EROSION CONTROL MEASURES SUCH AS RIP RAP APRONS, VELOCITY DISSIPATORS, CHANNEL LINERS, GRAVEL BASE COURSE, ETC.
8. WHEN CONSTRUCTION IS COMPLETE AND ALL AREAS ARE STABILIZED, CALL FOR ONSITE INSPECTION BY THE SEDIMENTATION AND EROSION CONTROL OFFICE.
9. IF THE SITE IS APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCING, SEDIMENT BASINS, ETC. AND SEED, PAVE, OR RIP RAP RESULTING DISTURBED AREAS. INSTALL NORTH AMERICAN GREEN S150 OR EQUAL IN DISTURBED CHANNEL AREA WHERE SEDIMENT TRAP #1 HAD BEEN INSTALLED.
10. WHEN VEGETATION IS ESTABLISHED, CALL FOR FINAL SITE INSPECTION. IF THE SITE IS APPROVED, THE PERFORMANCE BOND, IF REQUIRED, WILL BE RELEASED.



SECTION	"A"	"B"	"C"	"D"	"E"	"F"	LINING	COMMENTS
A-A	VARIES	1	0	2	0.5	N/A	CURLED MAT	N.A. GREEN – S150
B-B	VARIES	1	1	2	1	N/A	TURF REINFORCED MATTING	N.A. GREEN – P300
C-C	VARIES	1	0.5	2	1	N/A	CURLED MAT	N.A. GREEN – S150
D-D	VARIES	2	1	2	1.5	N/A	TURF REINFORCED MATTING	N.A. GREEN – P300
E-E	VARIES	1	0	2	1	N/A	TURF REINFORCED MATTING	N.A. GREEN – P300
F-F	VARIES	1	0	2	1	N/A	CURLED MAT	N.A. GREEN – S150
G-G	VARIES	1	0	2	1	N/A	CURLED MAT	N.A. GREEN – S150
H-H	VARIES	1	2	2	0.5	N/A	TURF REINFORCED MATTING	N.A. GREEN – P300
I-I	VARIES	1	2	2	1	N/A	TURF REINFORCED MATTING	N.A. GREEN – P300
J-J	VARIES	1	0	2	0.5	N/A	TURF REINFORCED MATTING	N.A. GREEN – P300
K-K	VARIES	1	2	2	0.5	N/A	TURF REINFORCED MATTING	N.A. GREEN – P300
L-L	VARIES	1	1	2	1	N/A	TURF REINFORCED MATTING	N.A. GREEN – P300
M-M	VARIES	1	1	2	1	N/A	TURF REINFORCED MATTING	N.A. GREEN – P300
N-N	VARIES	1	2	2	0.5	N/A	TURF REINFORCED MATTING	N.A. GREEN – S150
O-O	VARIES	1	2	2	1	2.5	CLASS I RIP RAP	2"
P-P	VARIES	1	2	2	2	N/A	TURF REINFORCED MATTING	N.A. GREEN – S150
S-S	VARIES	1	3	2	2	N/A	CURLED MAT	N.A. GREEN – S150
EC-EC	VARIES	1	8.5	2	1	N/A	CURLED MAT	N.A. GREEN – S150

NOTE – ALL SPECIFIED MATTING MANUFACTURERS MAY BE SUBSTITUTED WITH AN APPROVED EQUAL. SUBMIT SUBSTITUTION REQUEST/SHOP DRAWINGS TO ENGINEER PRIOR TO PURCHASE/

DITCH SIZING/LINING SCHEDULE

NOT TO SCALE

TEMPORARY SEEDING SCHEDULE

SHOULDERS, SIDE DITCHES, SLOPES (MAX. 3:1)

DATE	TYPE	PLANTING RATE
AUG 1 – NOV 1	TALL FESCUE	120 LBS/ACRE
NOV 1 – MAR 1	TALL FESCUE & ABRUZZI RYE	120 LBS/ACRE 25 LBS/ACRE
MAR 1 – APR 15	TALL FESCUE	120 LBS/ACRE
	TALL FESCUE	12 LBS/ACRE
	TALL FESCUE AND	60 LBS/ACRE
	***BROWNTOWN MILLET	35 LBS/ACRE
	***OR SORGHUM-SUDAN HYBRIDS	30 LBS/ACRE

SLOPES (3 : 1 TO 2 : 1)

MAR 1 – JUN 1	SERICEA LESPEDEZA (SCARIFIED) &	50 LBS/ACRE
(MAR 1 – APR 15)	ADD TALL FESCUE	60 LBS/ACRE
(MAR 1 – JUN 30)	OR ADD WEEPING LOVEGRASS	5 LBS/ACRE
(MAR 1 – JUN 30)	OR ADD WEEPING LOVEGRASS	8 LBS/ACRE
APR 15 – JUN 30	TALL FESCUE OR ADD WEEPING LOVEGRASS	12 LBS/ACRE
JUN 1 – SEP 1	TALL FESCUE AND	60 LBS/ACRE
	***BROWNTOWN MILLET	35 LBS/ACRE
	***OR SORGHUM-SUDAN HYBRIDS	30 LBS/ACRE
SEP 1 – MAR 1	SERICEA LESPEDEZA (UNHULLED – SCARIFIED) AND TALL FESCUE	70 LBS/ACRE 50 LBS/ACRE
(NOV 1 – MAR 1)	ADD ABRUZZI RYE	25 LBS/ACRE

CONSULT CONSERVATION ENGINEER OF SOIL CONSERVATION FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES ARE THOSE WHICH DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE. FOR A LAWN QUALITY TURF, DOUBLE OR TRIPLE RATES.

***TEMPORARY – RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW OVER 12" IN HEIGHT BEFORE MOWING, OTHERWISE FESCUE MAY BE SHADED OUT.

SEEDBED PREPARATION

1.) CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF APPLICABLE.
2.) RIP THE ENTIRE AREA TO 6 INCHES DEEP.
3.) REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
4.) APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE BELOW*).
5.) CONTINUE TILLAGE UNTIL WELL PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
6.) SEED ON FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
7.) MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
8.) INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
9.) CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

* APPLY: AGRICULTURAL LIMESTONE – 2 TONS/AC (3 TONS/AC IN CLAY SOILS)
FERTILIZER – 1,000 LBS/ACRE – 10-10-10
SUPERPHOSPHATE – 500 LBS/ACRE – 20% ANALYSIS
MULCH – 2 TONS/ACRE – SMALL GRAIN STRAW
ANCHOR – ASPHALT EMULSION @ 300 GALS/ACRE

EROSION CONTROL PLAN

GRAPHIC SCALE
(IN FEET)
1 inch = 60 ft.

#	REVISIONS	DATE
1	PER CHATHAM COUNTY COMMENTS	15 MAR 07
2	REVISED DRIVEWAY ENTRANCE CONFIGURATION	30 APR 07
3	ADDRESS NCDOT COMMENTS	3 May 07
4	ADDRESS NCDOT COMMENTS	7 May 07
5		
6		

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OWNER INFORMATION
JAMES E. DIXON
94 CHATHAM DRIVE
CHAPEL HILL, NC 27516

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD, CHAPEL HILL, N.C. 27514
(919) 929 – 0481 (919) 489 – 4789

ISSUED	DATE
TO CHATHAM COUNTY / NCDOT	07 FEB 07
TO CHATHAM COUNTY	15 MAR 07
TO NCDOT	30 APR 07
TO NCDOT	3 MAY 07
TO NCDOT	7 MAY 07

PRELIMINARY PLAT SUBMITTAL

SCALE:	1" = 60'
DATE:	07 FEB 07
JOB #:	102002.00
DRAWN BY:	L.J.F.
REVIEWED BY:	G.J.R.

FIELDSTONE
formerly
(JAMES DIXON PROPERTY)
CHATHAM COUNTY, NC

SHEET #: **CD 1**

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