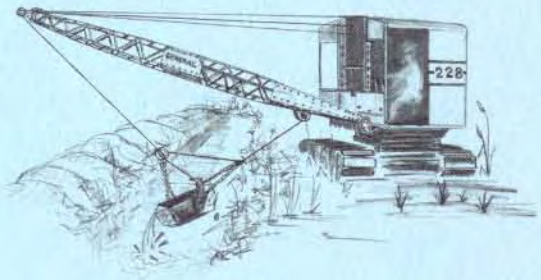
FIELD DRAINAGE GUIDE

SOUTH CAROLINA

$$Q = AV$$



$$Q = 45\, M^{\frac{5}{6}}$$

$$V = \frac{1.486}{n} r^{\frac{2}{3}} s^{\frac{1}{2}}$$

$$Q = CA\sqrt{2gh}$$

$$A = D\,\frac{T+B}{2}$$

$$GW\text{-}E = \frac{\Sigma(SH) - \left(\frac{\Sigma S}{N}\right)(\Sigma H)}{\Sigma(S)^2 - \left(\frac{\Sigma S}{N}\right)^2}$$

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLUMBIA, SOUTH CAROLINA
1978

FIELD DRAINAGE GUIDE
SOUTH CAROLINA

This guide was prepared with the assistance of soil conservation technicians, district conservationists, area engineers, area conservationists, field and state soil scientists, Fort Worth Water Management Engineer (Drainage), and state engineering staff.

The drainage guide is not to be interpreted as rigid specifications. Adjustments should be made to meet specific local conditions where experience indicates these adjustments are desirable. Appropriate practice standard and specifications requirements are to be met in the installation of a practice. The Engineering Field Manual should also be referred to for guidelines, procedures, and methodology for installation of practices.

The guide contains a listing of soils in South Carolina in need of drainage for agricultural use. Recommendations for the installation of various drainage practices to accomplish the needed drainage is given for each soil. Also given, is a listing of soil properties affecting the drainage needs of the soil for agricultural production.

Estimated Soil Properties (Left side of "Drainage Guide Recommendations" sheets)

Soil properties affecting drainage of agricultural lands are given in this section as follows:

1. For a typical soil profile, the depth, USDA textural classification, and permeabilities for each layer of the profile.

2. The depth to bedrock is shown. In most soils, the depth to bedrock is greater than (GT) 60 inches.

3. Information indicating the expected frequency, duration, and months during which flooding will usually occur.

4. Information showing the depths and months of the expected high water table.

Drainage Recommendations (Right hand side of "Drainage Guide Recommendations" sheets)

The following guidelines are contained for each soil in the drainage guide:

1. Land Slope (LND SLP) - the land slopes for each soil phase that may require drainage are shown. Control of underground seepage on soil of greater slopes than shown through the use of subsurface drains or diversion ditches will be required in some cases, but is not addressed in this guide.

2. Crop/Land Use - the major agricultural uses that drainage could benefit are listed. For each use, different drainage practices and guideline recommendations are given for consideration in solving the drainage problem.

3. Drainage Type (DR. TYP) - this column indicates the type of drainage recommended for the stated land use. SD represents surface drain. SSD represents subsurface drain.

4. Drainage Coefficient (DR. COEF.) - for surface drainage, the numerical value of the "C" value for the Cypress Creek equation is given. For subsurface drainage, the design removal rate is stated in a fraction of an inch per 24 hours.

5. Side Slopes (Z) - side slopes are shown for surface ditches only. The "MIN" column represents the steepest or minimum slopes recommended. The "REC" column represents the recommended side slopes for most situations. The horizontal components of slope ratio is listed (1 represents 1:1 side slopes; 4 represents 4:1 side slopes.)

6. Depth - the recommended depths for surface drains or subsurface drains is presented in inches under minimum depth (MN) and maximum depth (MX) columns. The minimum depth represents the normal minimum depth that would be effective. The maximum depth is not shown for open ditches as this is so variable due to different site conditions. The normal maximum depth needed for effective subsurface drains is shown in the maximum depth column. These depths (MN or MX) are not intended to express depths on knolls or ridges through which a drain may flow.

7. Spacing - this is the recommended minimum (MN) and maximum (MX) distances for the spacing of drains. This type spacing is normally associated with subsurface drains but is also used to show spacing of surface drains used in a bedding system.

8. Filter Needs - this column is used to denote siltation protection needs for subsurface drains.

   a. ALL in this column indicates that protection from siltation hazards needs to be provided. A filter of any type can be utilized to provide this protection.

   b. CHECK NEED (CHECK N) indicates that the soil provides a borderline condition for siltation of the subsurface drain. Checking site conditions by borings should be accomplished to determine the need for a filter or other means of protecting the subsurface drain. If left blank, a filter is not normally needed to protect the subsurface drain from siltation..

9. Surface Treatment - this column shows different conservation practices that should be considered to provide the needed drainage. Smoothing or bedding the surface are the two common practices that should be considered.

10. Additional notes have been included on some soils to warn of possible problems and/or to indicate acceptable procedures of practice application to solve drainage problems.

    a. RANDOM DRAIN NORMALLY USED indicates that providing drainage in low areas (where water accumulates) through subsurface drains normally provides satisfactory drainage.

    b. LOW WATER HOLDING CAPACITY indicates a soil that is droughty. Should the water table be lowered excessively, reduction in yields could occur and the possibility of subsurface irrigation may be desirable on these soils; or a means of water table control may be considered at the drain outlets.

    c. STREAM OVERFLOW HAZARD is an indication that this hazard should be considered in the drainage design.

    d. CONSIDER USING SURFACE INLETS implies that surface inlets normally need to be installed in low areas on these soils. Surface sealing occurs, and water will lay on the surface unable to penetrate through this seal adequately to provide satisfactory drainage.

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

ALBANY

ESTIMATED SOIL PROPERTIES

DEPTH (IN)	USDA TEXTURE MOD	USDA TEXTURE MOD TEXT	USDA TEXTURE TEXT	PERM (IN/HR)	BED RCK (IN)
C-48	S	LS	FS	6.0-20	GT 60
48-56	SL			2.0-6.0	
56-88	SCL	SL	FSL	0.6-2.0	

FLOODING

FREQUENCY = RARE
DURATION =
MONTHS =

HIGH WATER TBL
DEPTH FT 1.0-2.5
MONTHS = DEC-MAR

RECOMMENDATIONS

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	45	.5	1	24					
0-2	CROPLAND	SSD	1/2			30	42	100	130	ALL	
0-2	PASTURE	SSD	3/8			30	42	100	130	ALL	

RANDOM DRAIN NORMALLY USED- LOW WATER HOLDING CAPACITY

ALTAVISTA

ESTIMATED SOIL PROPERTIES

DEPTH (IN)	USDA TEXTURE MOD	USDA TEXTURE MOD TEXT	USDA TEXTURE TEXT	PERM (IN/HR)	BED RCK (IN)
C-12	LS	SL		2.0-20	GT 60
C-12	FSL	L		2.0-6.0	
12-42	CL	SCL	L	0.6-2.0	
42-60	VAR				

FLOODING

FREQUENCY = NONE TO OCCASIONAL
DURATION = V.BRIEF
MONTHS = MAR-JUL

HIGH WATER TBL
DEPTH FT 1.5-2.5
MONTHS = DEC-MAR

RECOMMENDATIONS

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SSD	1/2			30	42	100	130	CHECK N	

RANDOM DRAIN NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

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ARGENT

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-5	SL	FSL		2.0-6.0	GT 60
5-5	L	CL		0.6-2.0	
5-64	C	SC		0.06-0.2	
64-76	C	SC	SCL	0.06-0.6	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = FREQUENT DEPTH FT 0-1.0
DURATION = LONG MONTHS = NOV-APR
MONTHS = DEC-APR

(- - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24		60	100		BEDDING
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	WOODLAND	SD	10	.5	1	30					

BARATARI

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-11	S	FS		6.0-20	GT 60
11-20	S	FS		0.6-6.0	
20-55	S	FS		6.0-20	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = RARE DEPTH FT 0-1.0
DURATION = MONTHS = NOV-APR
MONTHS =

(- - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	

RANDOM DRAIN NORMALLY USED SOIL HAS LOW WATER HOLDING CAPACITY

DRAINAGE GUIDE RECOMMENDATIONS

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BAYBORO

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-14		FSL					2.0-6.0	GT 60
0-14		L		CL			0.6-2.0	
14-64		CL		SC	C		0.06-0.2	

FLOODING
FREQUENCY = COMMON
DURATION = BRIEF
MONTHS = DEC-MAR

HIGH WATER TBL
DEPTH FT 0-0.5
MONTHS = DEC-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24		80	120		BEDDING
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

BERTIE

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-17		LS		LFS			6.0-20	GT 60
0-17		SL		FSL			2.0-6.0	
17-42		SCL		CL	SL		0.6-2.0	
42-57		FSL		SL	SCL		2.0-6.0	
57-85		SL		LFS	FS		2.0-20	

FLOODING
FREQUENCY = NONE
DURATION =
MONTHS =

HIGH WATER TBL
DEPTH FT 1.5-2.5
MONTHS = DEC-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	120	CHECK N	

RANDOM DRAIN NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

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BETHERA

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-7	FSL						0.6-2.0	GT 60
C-7	L						0.6-2.0	
C-7	CL						0.6-2.0	
7-68	C		CL		SC		0.06-0.6	
68-80	C		SC		SCL		0.06-2.0	

FLOODING: FREQUENCY = COMMON; DURATION = BRIEF; MONTHS = DEC-MAR

HIGH WATER TBL: DEPTH FT C-1.5; MONTHS = DEC-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24		80	120		BEDDING
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

BLADEN

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-14	FSL		SL				0.6-2.0	GT 60
C-14	L		SIL				0.6-2.0	
14-41	C		SC				0.06-0.2	
41-62	C		SC		CL		0.06-0.2	

FLOODING: FREQUENCY = COMMON; DURATION = LONG; MONTHS = JAN-APR

HIGH WATER TBL: DEPTH FT 0-1.0; MONTHS = DEC-MAY

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24		80	120		BEDDING
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

DRAINAGE GUIDE RECOMMENDATIONS

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BYARS

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-13	SL	FSL	L	0.6-2.0	GT 60
0-13	SIL	SICL	CL	0.6-2.0	
13-73	C	CL	SC	0.06-0.2	

FLOODING
FREQUENCY = COMMON
DURATION = LONG
MONTHS = DEC-MAR

(HIGH WATER TBL)
DEPTH FT 0-1.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24		80	120		BEDDING
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

CANTEY

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-6	VFSL	L	SIL	0.6-2.0	GT 60
6-52	C	SC	SIC	0.06-0.2	
52-72	C	SIC	SCL	0.06-0.6	

FLOODING
FREQUENCY = FREQUENT
DURATION = LONG
MONTHS = NOV-APR

(HIGH WATER TBL)
DEPTH FT 0-1.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24		80	120		BEDDING
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

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CAPE FEAR

DEPTH (IN)	USCA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-16	L		SIL				0.6-6.0	GT 60
0-16	FSL						2.0-6.0	
16-52	CL		C		SIC		0.06-0.2	
52-62	VAR							

FLOODING
FREQUENCY = FREQUENT
DURATION = BRIEF
MONTHS = JAN-MAY

HIGH WATER TBL
DEPTH FT +.5-1.5
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24		80	120		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	6	12		60	100		BEDDING
0-2	WOODLAND	SD	10	.5	1	30					

CARTECAY

DEPTH (IN)	USCA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-9	SL		FSL		LS		6.0-20	GT 60
0-9	L		SIL		SICL		2.0-6.0	
9-40	SL		FSL		L		2.0-6.0	
40-60	LS		S		SL		6.0-20	

FLOODING
FREQUENCY = COMMON
DURATION = BRIEF
MONTHS = DEC-MAR

HIGH WATER TBL
DEPTH FT 0.5-1.5
MONTHS = JAN-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	CROPLAND	SSD	1/2			30	42	80	110	CHECK N	

STREAM OVERFLOW HAZARD

CHARLESTON

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	(- - - USDA TEXTURE - - -) MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-16	LFS	LS	FS	6.0-20	GT 60
C-16	FSL	SL		2.0-6.0	
16-44	SM	SM SC		0.6-2.0	
44-80	LFS	LS	FS	6.0-20	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE — DEPTH FT 2.0-3.5
DURATION = — MONTHS = DEC-MAR
MONTHS =

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5		24					SMOOTH
0-2	CROPLAND	SSD	1/2			30	42	80	100	CHECK N	

RANDOM DRAIN NORMALLY USED-LOW WATER HOLDING CAPACITY

CHASTAIN

(- -)

DEPTH (IN)	(- - - USDA TEXTURE - - -) MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-10	SICL	SIL	L	0.2-0.6	GT 60
C-10	SIC	CL	C	0.06-0.2	
10-51	SICL	SIC	C	0.06-0.2	
51-72	SICL	SIC	C	0.06-0.2	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = COMMON — DEPTH FT 0-1.0
DURATION = V.LONG — MONTHS = NOV-MAY
MONTHS = DEC-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	PASTURE	SD	30	4	6	12		60	100		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	12					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

STREAM OVERFLOW HAZARD

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

CHENNEBY

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-55	L	SIL	SICL	0.6-2.0	GT 60
55-72	SR	SL	SICL	2.0-6.0	

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = COMMON DEPTH FT 1.0-2.5
DURATION = V.BRIEF MONTHS = JAN-MAR

MONTHS = DEC-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	CROPLAND	SSD	1/2			30	42	80	100	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	80	100	CHECK N	

STREAM OVERFLOW HAZARD

CHEWACLA

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-8	FSL	SL		0.6-2.0	GT 60
0-8	SIL	L		0.6-2.0	
8-24	SIL	SICL	CL	0.6-2.0	
24-34	SCL	L	SL	0.6-2.0	
34-58	SIL	CL	SICL	0.6-2.0	
58-70	VAR				

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = COMMON DEPTH FT 0.5-1.5
DURATION = BRIEF MONTHS = NOV-APR
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	CROPLAND	SSD	1/2			30	42	80	100	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	80	100	CHECK N	

STREAM OVERFLOW HAZARD

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

CHIPLEY

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD	TEXT	MOD TEXT		
0-6	S		FS	6.0-20	GT 60
6-77	S		FS	6.0-20	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)

FREQUENCY = NONE DEPTH FT 2.0-3.0
DURATION = MONTHS = JUN-SEP
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-3	CROPLAND	SD	45	.5	1	24					
0-3	PASTURE	SD	30	.5	1	24					
0-3	CROPLAND	SSD	1/2			30	40	100	200	ALL	
0-2	PASTURE	SSD	3/8			30	40	100	200	ALL	

RANDOM DRAIN NORMALLY USED-LOW WATER HOLDING CAPACITY

CLARENDON

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD	TEXT	MOD TEXT		
0-16	LS	LFS	S	2.0-6.0	GT 60
0-16	SL	FSL		2.0-6.0	
16-39	SCL			0.6-2.0	
39-72	SCL			0.2-0.6	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)

FREQUENCY = NONE DEPTH FT 1.5-2.5
DURATION = MONTHS = DEC-MAR
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SSD	1/2			30	42	80	100	CHECK N	

RANDOM DRAIN NORMALLY USED CONSIDER USING SURFACE INLETS

COLFAX

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	(- - - USDA TEXTURE - - -) MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
0-12	SL	L	SIL	0.6-6.0	GT 48
12-30	SCL	CL	L	0.6-2.0	
30-46	SL	FSL	CL	0.06-0.2	
46-50	SL			0.6-2.0	
50	WB				

(- - - - - FLOODING - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 1.0-1.5
MONTHS = NOV-JUN

(- - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	34	60	80	CHECK N	
0-2	PASTURE	SSD	3/8			30	34	60	80	CHECK N	

CONTAINS FRAGIPAN

CONGAREE

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	(- - - USDA TEXTURE - - -) MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
0-8	FSL	SL		0.6-6.0	GT 60
0-8	L	SIL		0.6-2.0	
8-38	SICL	FSL	L	0.6-2.0	
38-80	VAR				

(- - - - - FLOODING - - - - -)
FREQUENCY = FREQUENT
DURATION = BRIEF
MONTHS = NOV-APR

(HIGH WATER TBL)
DEPTH FT 2.5-4.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	WOODLAND	SD	10	.5	1	30					

STREAM OVERFLOW HAZARD

DRAINAGE GUIDE RECOMMENDATIONS

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COOSAW

DEPTH (IN)	USDA TEXTURE MCC	TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-27	FS	S			6.0-20	GT 60
C-27	LFS	LS			6.0-20	
27-31	SL	FSL			2.0-6.0	
31-77	SCL	FSL	SL		0.6-2.0	

FLOODING: FREQUENCY = NONE; DURATION =; MONTHS =

HIGH WATER TBL: DEPTH FT 1.0-2.0; MONTHS = DEC-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	4	10	10					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	100	CHECK	N
0-2	PASTURE	SSD	3/8			30	42	80	100	CHECK	N

COXVILLE

DEPTH (IN)	USDA TEXTURE MCC	TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-11	FSL	SL	L		0.6-2.0	GT 60
11-72	CL	SC	C		0.2-0.6	
72-80	VAR					

FLOODING: FREQUENCY = NONE TO RARE; DURATION =; MONTHS =

HIGH WATER TBL: DEPTH FT 0-2.5; MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	1	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	100		

RANDOM DRAIN NORMALLY USED CONSIDER USING SURFACE INLETS

DRAINAGE GUIDE RECOMMENDATIONS

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CRAVEN

DEPTH (IN)	USDA TEXTURE MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-11	L	FSL	SIL	0.6-2.0	GT 60
11-21	C	SIC	SICL	LT 0.2	
21-65	C	SCL	CL	LT 0.2	

FLOODING
FREQUENCY = NONE
DURATION =
MONTHS =

HIGH WATER TBL
DEPTH FT 2.0-3.0
MONTHS = DEC-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODS	SD	10	.5	1	30					

DAWHOO

DEPTH (IN)	USDA TEXTURE MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-30	LFS	LS	FS	6.0-20	GT 60
30-60	FS	S		6.0-20	

FLOODING
FREQUENCY = FREQUENT

DURATION = LONG
MONTHS = NOV-APR

HIGH WATER TBL
DEPTH FT C-1.0

MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	WOODLAND	SD	10	.5	1	36					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	
0-2	PASTURE	SSD	3/8			30	42	100	150	ALL	

SOIL HAS LOW WATER HOLDING CAPACITY

DRAINAGE GUIDE RECOMMENDATIONS

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DELOSS

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-18		LFS					6.0-20	GT 60
0-18		SL		FSL		L	2.0-6.0	
18-56		SCL		CL		FSL	0.6-2.0	
56-80		FS		LFS		FSL	2.0-20	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)

FREQUENCY = RARE DEPTH FT 0-1.0
DURATION = MONTHS = NOV-APR
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	120	CHECK N	

RANDOM DRAIN NORMALLY USED CONSIDER USING SURFACE INLETS

DUNBAR

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-8		SL		FSL		L	2.0-6.0	GT 60
8-80		SC		CL		C	0.2-0.6	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)

FREQUENCY = NONE DEPTH FT 1.0-2.5
DURATION = MONTHS = NOV-MAY
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	120	CHECK N	

RANDOM DRAIN NORMALLY USED CONSIDER USING SURFACE INLETS

DRAINAGE GUIDE RECOMMENDATIONS

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DUPLIN

DEPTH (IN)	USDA TEXTURE MOD	MOD TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-8	SL	FSL	LS		2.0-6.0	GT 60
8-80	SC	CL	C		0.2-0.6	

(- - - - - FLOODING - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 2.0-3.5
MONTHS = DEC-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

ECHAW

DEPTH (IN)	USDA TEXTURE MOD	MOD TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-5	LS	LFS	FS		2.0-6.0	GT 60
5-40	LS	LFS	FS		2.0-6.0	
40-50	FS	LS	LFS		2.0-20	
50-65	LS	LFS	FS		GT 6.0	

(- - - - - FLOODING - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 2.5-5.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	

SOIL HAS LOW WATER HOLDING CAPACITY

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA

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EDISTO

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-14	LS	LFS		6.0-20	GT 60
0-14	SL	FSL		2.0-6.0	
14-27	SL	FSL		2.0-6.0	
27-36	LFS	SL	FSL	2.0-6.0	
36-70	FSL	SCL		0.6-2.0	
70-84	S	LS	FS	6.0-20	

FLOODING
FREQUENCY = NONE-RARE
DURATION =
MONTHS =

HIGH WATER TBL
DEPTH FT 1.0-3.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	30					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	40	80	100	ALL	
0-2	PASTURE	SSD	3/8			30	40	80	100	ALL	
	CONTAINS FRAGIPAN										

ENOREE

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-7	SIL	L	SICL	0.6-2.0	GT 60
0-7	SL	LS		2.0-6.0	
7-27	SL	L		2.0-6.0	
27-50	SL	L	LS	2.0-6.0	

FLOODING
FREQUENCY = FREQUENT
DURATION = BRIEF
MONTHS = JAN-DEC

HIGH WATER TBL
DEPTH FT 0-1.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	PASTURE	SD	30	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	WOODLANDS	SD	10	.5	1	30					
0-2	PASTURE	SSD	3/8			30	42	80	100	CHECK N	

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

EULONIA

DEPTH (IN)	USCA TEXTURE MCC	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-13	LS	LFS		6.0-20	GT 60
C-13	SL	FSL		2.0-6.0	
13-48	SC	C		0.2-0.6	
48-80	SCL	SL		0.6-2.0	

FLOODING
FREQUENCY = NONE
DURATION =
MONTHS =

HIGH WATER TBL
DEPTH FT 1.5-3.5
MONTHS = DEC-MAY

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	4	10	10					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					

EUNOLA

DEPTH (IN)	USCA TEXTURE MCC	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-10	SL	FSL		2.0-6.0	GT 60
C-10	LS	LFS		2.0-6.0	
10-52	SCL	SC		0.6-2.0	
52-56	SL			2.0-6.0	
56-65	S	LS		6.0-20.0	

FLOODING
FREQUENCY = NONE TO OCCASIONAL
DURATION = V.BRIEF
MONTHS = DEC-APR

HIGH WATER TBL
DEPTH FT 1.5-2.5
MONTHS = NOV-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	.5	1	24	48				SMOOTH
0-2	WOODLAND	SD	10	.5	1	30	48				
0-2	CROPLAND	SSD	1/2			30	42	100	130	CHECK N	

RANDOM DRAIN NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

EXUM

ESTIMATED SOIL PROPERTIES						
DEPTH (IN)	USDA TEXTURE MCC	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)	
C-12	VFSL	L	SIL	2.0-6.0	GT 60	
12-80	L	CL	SICL	0.6-2.0		
FLOODING					HIGH WATER TBL	
FREQUENCY = NONE					DEPTH FT 2.0-3.0	
DURATION =					MONTHS = NOV-APR	
MONTHS =						

RECOMMENDATIONS											
LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	100	CHECK	N
RANDOM DRAIN NORMALLY USED CONSIDER USING SURFACE INLETS											

FORESTON

ESTIMATED SOIL PROPERTIES						
DEPTH (IN)	USDA TEXTURE MCC	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)	
C-7	S	FS		6.0-20	GT 60	
C-7	LS	LFS		6.0-20		
7-46	SL	FSL		2.0-6.0		
46-72	LFS	LS	FS	6.0-20		
FLOODING					HIGH WATER TBL	
FREQUENCY = NONE					DEPTH FT 2.5-3.5	
DURATION =					MONTHS = DEC-APR	
MONTHS =						

RECOMMENDATIONS											
LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SSD	1/2			30	42	100	120	ALL	
RANDOM DRAIN NORMALLY USED											

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

GILLS

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	MCC	USDA TEXTURE	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-15		SIL		L		SICL	0.6-2.C	GT 60
15-31		C		SIC		CL	0.2-0.6	
31-52		SIL		SICL		FSL	0.06-0.2	

(- - - - - FLCCDING - - - - -) (HIGH WATER TBL)
FREQUENCY = NCNE DEPTH FT 2.0-3.0
DLRATICN = MONTHS = DEC-MAY
MCNTHS =

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-3	PASTURE	SD	30	.5	1	24					
0-3	PASTURE	SD	30	4	10	10					
0-3	WOODS	SD	10	.5	1	24					

GOLDSBORO

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	MCC	USDA TEXTURE	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-15		LS		SL		FSL	2.0-6.0	GT 60
15-76		SCL		SL			0.6-2.C	

(- - - - - FLCCDING - - - - -) (HIGH WATER TBL)
FREQUENCY = NCNE DEPTH FT 2.5-3.5
DLRATICN = MONTHS = DEC-MAR
MCNTHS =

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SSD	1/2			30	42	80	120	CHECK N	

RANDOM DRAIN NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -) (- - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

GRADY

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)	LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
C-5	L		SL	CL	0.6-2.0	GT 60	0-2	CROPLAND	SD	45	4	10	10					
5-11	CL		SCL	L	0.2-0.6		0-2	CROPLAND	SD	45	.5	1	24					
11-62	C		SC		0.06-0.2		0-2	PASTURE	SD	30	4	10	10					
							0-2	PASTURE	SD	30	.5	1	24					
							0-2	WOODLAND	SD	10	.5	1	30					

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = FREQUENT DEPTH FT +2-1.0
DURATION = V.LONG MONTHS = DEC-JUN
MONTHS = DEC-JUN

HELENA

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)	LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
C-12	SL		FSL	L	2.0-6.0	GT 48	0-2	CROPLAND	SD	45	4	10	10					
C-12	LS				6.0-20		0-2	CROPLAND	SD	45	.5	1	24					
C-12	SCL		CL		0.2-0.6		0-2	PASTURE	SD	30	.5	1	24					
12-19	SCL		CL		0.2-0.6		0-2	PASTURE	SD	30	4	10	10					
19-46	CL		SC	C	0.06-0.2		0-2	WOODLAND	SD	10	.5	1	30					
46-60	WB																	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE DEPTH FT 1.0-2.5
DURATION = MONTHS = JAN-MAR
MONTHS =

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HYDE

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-17		L		SIL		VFSL	0.6-2.0	GT 60
17-54		CL		L		SICL	0.2-0.6	
54-72		VAR						

FLOODING: FREQUENCY = OCCASIONAL; DURATION = BRIEF; MONTHS = DEC-MAY

HIGH WATER TBL: DEPTH FT 0-1.5; MONTHS = DEC-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODS	SD	10	.5	1	30					

IREDELL

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-7	GR	L	ST	L			2.0-6.0	GT 60
0-7		FSL		SL			2.0-6.0	
0-7		L		SIL		CL	0.6-2.0	
7-24		C					0.06-0.2	
24-27		L		SCL		CL	0.06-0.6	
27		VAR						

FLOODING: FREQUENCY = NONE; DURATION = ; MONTHS =

HIGH WATER TBL: DEPTH FT 1.0-2.0; MONTHS = NOV-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	4	10	10					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					

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IRVINGTON

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-6		FSL		L			0.6-2.0	GT 60
6-27		L		SCL		CL	0.6-2.0	
27-82		L		SCL		CL	0.06-0.2	

(- - - - - FLOODING - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 1.5-3.0
MONTHS = DEC-APR

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	34	80	100	CHECK	N
0-2	PASTURE	SSD	3/8			30	34	80	100	CHECK	N
	CONTAINS FRAGIPAN										

IZAGORA

(- - - USDA TEXTURE - - -)

DEPTH (IN)	MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-11		VFSL		FSL			2.0-6.0	GT 60
0-11		L		SIL			2.0-6.0	
11-46		L		CL		SICL	0.6-2.0	
46-91		CL		C			0.06-0.2	

(- - - - - FLOODING - - - - -)
FREQUENCY = NONE TO RARE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 2.0-3.0
MONTHS = DEC-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	4	10	10					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					

DRAINAGE GUIDE RECOMMENDATIONS

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(- - - - -ESTIMATED SOIL PROPERTIES - - - - -) (- - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

JOHNS

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-15		LS		SL			2.0-6.0	GT 60
15-32		SCL		SL			0.6-2.0	
32-60		S		LS			6.0-20	

(- - - - - FLOODING - - - - - -)
FREQUENCY = NONE TO RARE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 1.5-3.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24	36				
0-2	CROPLAND	SSD	1/2			30	42	80	100	ALL	

KIAWAH

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-15		LFS		LS			6.0-20	GT 60
15-32		LFS		LS			6.0-20	
32-48		LFS		LS			6.0-20	
48-72		FS		S			6.0-20	

(- - - - - FLOODING - - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 1.0-2.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	
0-2	PASTURE	SSD	3/8			30	42	100	150	ALL	

SOIL HAS LOW WATER HOLDING CAPACITY

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KIRKSEY

DEPTH (IN)	USDA TEXTURE MCC	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-6	SIL		L	VFSL		0.6-2.0	40-60
6-38	SICL		CL	SIL		0.2-0.6	
38-45	SIL		FSL			0.6-2.0	

FLOODING: FREQUENCY = NONE; DURATION =; MONTHS =

HIGH WATER TBL: DEPTH FT GT 6.0; MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	4	10	10					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					

LEAF

DEPTH (IN)	USDA TEXTURE MCC	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-9	SIL		L	VFSL		0.06-0.2	GT 60
9-72	SICL		SIC	C		LT 0.06	

FLOODING: FREQUENCY = RARE TO COMMON; DURATION = BRIEF; MONTHS = JAN-APR

HIGH WATER TBL: DEPTH FT 0.5-1.5; MONTHS = JAN-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

DRAINAGE GUIDE RECOMMENDATIONS

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(- - - - -ESTIMATED SOIL PROPERTIES - - - - -) (- - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - -)

LENOIR

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-8	L		SIL		VFSL		0.6-2.0	GT 60
8-75	C		SIC		CL		0.06-0.2	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE DEPTH FT 1.0-2.5
DURATION = MONTHS = DEC-MAY
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					

LEON

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-15	S		FS				6.0-20	GT 60
15-30	S		FS				0.6-6.0	
30-80	S		FS				GT 20	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE DEPTH FT 0-1.0
DURATION = MONTHS = JUN-FEB
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	

RANDOM DRAIN NORMALLY USED -SOIL HAS LOW WATER HOLDING CAPACITY

DRAINAGE GUIDE RECOMMENDATIONS

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LIGNUM

DEPTH (IN)	MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-6		SIL		L		VFSL	0.6-2.0	48-72
C-6	GR	SIL	GR	L			0.6-2.0	
6-38		SICL		SIC		C	0.06-0.6	
38-72	GR	SCL	GR	SICL			0.2-0.6	
72		LWB						

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE DEPTH FT 1.0-2.5
DURATION = MONTHS = DEC-MAY
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					

LUMBEE

DEPTH (IN)	MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-14		LS		SL		FSL	2.0-6.0	GT 60
14-36		SCL		SL			0.6-2.0	
36-60		LS		S		FS	6.0-20	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = RARE DEPTH FT 0-1.0
DURATION = MONTHS = NOV-APR
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	130	ALL	
0-2	PASTURE	SSD	3/8			30	42	100	130	ALL	

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

LYNCHBURG

DEPTH (IN)	USDA TEXTURE MCC	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-15		LS		LFS			6.0-20	GT 60
0-15		SL		FSL			2.0-6.0	
15-63		SCL		SL		CL	0.6-2.0	
63-72		SCL		SL		CL	0.6-2.0	

FLOODING
FREQUENCY = NONE
DURATION =
MONTHS =

HIGH WATER TBL
DEPTH FT 0.5-1.5
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	120	CHECK	N
0-2	PASTURE	SSD	3/8			30	42	80	120	CHECK	N

RANDOM DRAIN NORMALLY USED

LYNN HAVEN

DEPTH (IN)	USDA TEXTURE MCC	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-16		S		FS			6.0-20	GT 60
16-30		S		FS			0.6-6.0	
30-75		S		FS			GT 20	

FLOODING
FREQUENCY = NONE
DURATION =
MONTHS =

HIGH WATER TBL
DEPTH FT 0-1.0
MONTHS = JUN-FEB

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	130	ALL	

SOIL HAS LOW WATER HOLDING CAPACITY

McCOLL

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-9	SL			0.6-2.0	GT 60
0-9	SCL	CL	L	0.6-2.0	
9-13	CL	SC	C	0.2-0.6	
13-42	SCL	CL	SC	0.06-0.2	
42-80	SCL	SL	SC	0.2-2.0	

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = COMMON DEPTH FT 0-1.0
DURATION = LONG MONTHS = NOV-APR
MONTHS = DEC-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					

MEGGETT

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-9	SL	FSL	LS	2.0-6.0	GT 60
0-9	L			2.0-6.0	
9-50	SC	C	CL	0.06-0.2	
50-60	SC			0.2-2.0	

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE TO COMMON DEPTH FT 0-1.0
DURATION = BRIEF MONTHS = JUN-APR
MONTHS = DEC-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

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MURAD

DEPTH (IN)	USDA TEXTURE MCC	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-49	FS	LS	LFS	6.0-20	GT 60
49-60	SL	FSL	SCL	0.6-2.0	
60-80	FSL	SCL	SC	0.6-2.0	

FLOODING		HIGH WATER TBL	
FREQUENCY	= NONE	DEPTH FT	1.5-3.0
DURATION	=	MONTHS	= JAN-MAR
MONTHS	=		

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	130	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	80	130	CHECK N	

MYATT

DEPTH (IN)	USDA TEXTURE MCC	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-10	FSL	L	SIL	0.6-2.0	GT 60
10-50	L	SCL	CL	0.2-2.0	
50-72 GR	FSL	SCL	CL	0.2-2.0	

FLOODING		HIGH WATER TBL	
FREQUENCY	= COMMON	DEPTH FT	0-1.0
DURATION	= BRIEF	MONTHS	= NOV-APR
MONTHS	= NOV-MAR		

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	100	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	80	100	CHECK N	

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

NEMOURS

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MCC TEXT	MOD TEXT	MOD TEXT		
C-9	LS	LFS		2.0-20	GT 60
C-9	SL	FSL		0.6-6.0	
9-44	C	SC		0.06-0.2	
44-55	SC	SCL	SL	0.2-2.0	
55-80	SCL	SL	LS	0.6-6.0	

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE DEPTH FT 1.5-2.5
DURATION = MONTHS = NOV-APR
MONTHS =

(- - - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

OCILLA

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MCC TEXT	MOD TEXT	MOD TEXT		
C-28	LS	LFS	S	2.0-20	GT 60
28-67	SL	SCL		0.6-2.0	

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE TO COMMON DEPTH FT 1.0-2.5
DURATION = BRIEF MONTHS = DEC-APR
MONTHS = DEC-APR

(- - - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	130	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	100	130	CHECK N	

RANDOM DRAIN NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA

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OKEETEE

DEPTH (IN)	(- - - USDA TEXTURE - - -) MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-7	LS	LFS		2.0-6.0	GT 60
C-7	SL	FSL	L	2.0-6.0	
7-50	C	SC		0.06-0.2	
50-78	C	SC	SCL	0.06-0.6	

(- - - - - FLOODING - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 0.5-1.0
MONTHS = JAN-MAY

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN MX	SPACING (FT) MIN MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	.5	1	24			
0-2	CROPLAND	SD	45	4	10	10			
0-2	PASTURE	SD	30	4	10	10			
0-2	PASTURE	SD	30	.5	1	24			
0-2	WOODLAND	SD	10	.5	1	30			

OLANTA

DEPTH (IN)	(- - - USDA TEXTURE - - -) MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-11	S	LS		6.0-20	GT 60
11-42	SL			2.0-6.0	
42-75	S	LS		6.0-20	

(- - - - - FLOODING - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 2.5-4.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN MX	SPACING (FT) MIN MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SSD	1/2			30 42	100 150	ALL	
0-2	PASTURE	SSD	3/8			30 42	100 150	ALL	

RANDOM DRAIN NORMALLY USED

ONSLOW

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-18	LFS		S				GT 6.0	GT 60
0-18	FSL						2.0-6.0	
18-58	SCL		SL		CL		0.6-2.0	
58-75	VAR							

(- - - - - FLOODING - - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 1.5-3.0
MONTHS = NOV-APR

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	24					
0-2	CROPLAND	SSD	1/2			30	42	80	120	CHECK N	

RANDOM DRAIN NORMALLY USED

ORANGE

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-10	SIL		L		FSL		0.6-2.0	40-60
10-38	C		SIC		SICL		0.06-0.2	
38-58	VAR						0.2-0.6	
58	LWB							

(- - - - - FLOODING - - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 1.0-3.0
MONTHS = DEC-MAY

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	CROPLAND	SD	45	4	10	10					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	WOODLAND	SD	10	.5	1	30					

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA

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OSIER

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD	TEXT MOD	TEXT MOD	TEXT	
0-8	S	LS	FS	6.0-20	GT 60
0-8	FSL	LFS		6.0-20	
8-48	S	LS	LFS	6.0-20	
48-75	COS	S	FS	GT 20	

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = COMMON — DEPTH FT 0.0-1.0
DURATION = BRIEF — MONTHS = NOV-MAR
MONTHS = DEC-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	WOODLAND	SD	10	.5	1	30					

PANTEGO

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD	TEXT MOD	TEXT MOD	TEXT	
0-18	L	FSL	SL	2.0-6.0	GT 60
18-42	SCL	SL	CL	0.6-2.0	
42-65	CL	SC	SCL	0.6-2.0	

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE TO RARE — DEPTH FT 0-1.5
DURATION = V.BRIEF — MONTHS = NOV-APR
MONTHS = NOV-FEB

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	130	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	80	130	CHECK N	

RANDOM DRAIN NORMALLY USED CONSIDER USING SURFACE INLET

PAXVILLE

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE MOD	USDA TEXTURE MOD	USDA TEXTURE	PERM (IN/HR)	BED RCK (IN)
C-15	LS	LFS		2.0-6.0	GT 60
0-15	SL	FSL	L	2.0-6.0	
15-48	SCL	SL		0.6-2.0	
48-72	SL	LS	FS	6.0-20	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = RARE DEPTH FT 0-1.0
DURATION = MONTHS = NOV-APR
MONTHS =

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	120	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	80	120	CHECK N	

PELHAM

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE MOD	USDA TEXTURE MOD	USDA TEXTURE	PERM (IN/HR)	BED RCK (IN)
0-27	LS	S	FS	6.0-20	GT 60
27-56	SCL	SL		0.6-2.0	
56-68	SCL	SL	SC	0.6-2.0	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = COMMON DEPTH FT 0.5-1.5
DURATION = BRIEF MONTHS = JAN-APR
MONTHS = DEC-MAR

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	30	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	150	CHECK N	

RANDOM DRAIN NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA

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PELION

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-10		SL		LS			2.0-6.0	GT 60
10-22		SCL					0.6-2.0	
22-39		SCL		SC			0.06-0.6	
39-65		SCL		SL			0.6-2.0	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE — DEPTH FT 1.0-2.5
DURATION = — MONTHS = NOV-APR
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	4	10	10					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					

PERSANTI

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-6		L		VFSL		FSL	0.2-2.0	GT 60
6-60		C		SIC			0.06-0.2	
60-72		C		CL		SICL	0.06-0.2	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE — DEPTH FT 2.0-3.5
DURATION = — MONTHS = DEC-APR
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					

DRAINAGE GUIDE RECOMMENDATIONS

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POLAWANA

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-30	LFS	LS	FS	6.0-20	GT 60
30-80	LFS	LS	FS	6.0-20	

FLOODING: FREQUENCY = FREQUENT; DURATION = V.LONG; MONTHS = DEC-MAR

(HIGH WATER TBL) DEPTH FT 0-0.5; MONTHS = DEC-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	
0-2	PASTURE	SSD	3/8			30	42	100	150	ALL	

SOIL HAS LOW WATER HOLDING CAPACITY

PONZER

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MOD TEXT	MOD TEXT	MOD TEXT		
0-26	MUCK			0.06-0.2	GT 60
26-60	SL	SCL	L	0.2-0.6	

FLOODING: FREQUENCY = FREQUENT; DURATION = V.LONG; MONTHS = NOV-JUN

(HIGH WATER TBL) DEPTH FT +1-1.0; MONTHS = NOV-JUN

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

STREAM OVERFLOW HAZARD

DRAINAGE GUIDE RECOMMENDATIONS

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(- - - - -ESTIMATED SOIL PROPERTIES - - - - -) (- - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

PORTSMOUTH

DEPTH (IN)	(- - - USDA TEXTURE - - -) MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
0-16	L	SIL		0.6-2.0	GT 60
0-16	SL			2.0-6.0	
16-34	SCL	L		0.6-2.0	
16-34	CL	SICL		0.6-2.0	
34-48	S	SCL		0.6-6.0	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE DEPTH FT 0-1.0
DURATION = MONTHS = JAN-DEC

MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	120	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	100	120	CHECK N	

RANDOM DRAIN NORMALLY USED

QUITMAN

DEPTH (IN)	(- - - USDA TEXTURE - - -) MOD TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
0-11	FSL	L	SIL	0.6-2.0	GT 60
0-11	LFS			2.0-6.0	
11-18	FSL	L		0.6-2.0	
18-65	SCL	L	CL	0.2-0.6	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE DEPTH FT 1.5-2.0

DURATION = MONTHS = JAN-MAR
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	60	80	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	60	80	CHECK N	

SURFACE INLET NORMALLY NEEDED -RANDOM TILE NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

RAINS

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -) (- - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)	LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-12	LS	LFS					6.0-20	GT 60	0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-12	SL	FSL					2.0-6.0		0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
12-40	SCL	CL					0.6-2.0		0-2	PASTURE	SD	30	.5	1	24					SMOOTH
40-62	SCL	CL		SC			0.6-2.0		0-2	PASTURE	SD	30	4	10	10					SMOOTH
62-79	SL	SCL		SC			0.6-2.0		0-2	WOODLAND	SD	10	.5	1	30					
									0-2	CROPLAND	SSD	1/2			30	42	100	130		
									0-2	PASTURE	SSD	3/8			30	42	100	130		

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)

FREQUENCY = RARE DEPTH FT 0-1.0
DURATION = MONTHS = NOV-APR
MONTHS =

RANDOM DRAIN NORMALLY USED

REMBERT

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)	LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-5	CL	SCL		L			0.6-2.0	GT 60	0-2	CROPLAND	SD	45	4	10	10					
0-5	FSL	SL					0.6-2.0		0-2	CROPLAND	SD	45	.5	1	24					
5-33	C	SC		CL			0.06-0.2		0-2	PASTURE	SD	30	.5	1	24					
33-54	SCL	CL		SC			0.6-2.0		0-2	PASTURE	SD	30	4	10	10					
54-65	SCL	SL		LS			0.6-6.0		0-2	WOODLAND	SD	10	.5	1	30					

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)

FREQUENCY = COMMON DEPTH FT 0-1.0
DURATION = LONG MONTHS = NOV-APR
MONTHS = DEC-APR

RANDOM DRAIN WITH SURFACE INLETS SHOULD BE CONSIDERED

DRAINAGE GUIDE RECOMMENDATIONS

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(- - - - -ESTIMATED SOIL PROPERTIES - - - - -) (- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - - -)

RIDGELAND

DEPTH (IN)	(- - - USCA TEXTURE - - -) MCC	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-8		S		FS		LFS	6.0-20	GT 60
8-15		S		FS		LFS	0.6-6.0	
15-35		S		FS		LFS	6.0-20	
35-80		S		FS		LFS	0.6-6.0	

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = RARE DEPTH FT 1.5-2.5
DURATION = MONTHS = NOV-APR
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	WOODLAND	SD	10	.5	1	36					
0-2	CROPLAND	SSD	1/2			30	42	100	130	ALL	
0-2	PASTURE	SSD	3/8			30	42	100	130	ALL	

LOW WATER HOLDING CAPACITY SOIL

ROANOKE

DEPTH (IN)	(- - - USCA TEXTURE - - -) MCC	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-7		SIL		L		FSL	0.6-2.0	GT 60
0-7		SICL					0.2-0.6	
7-50		C		SIC		CL	0.06-0.2	
50-72		VAR						

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = FREQUENT DEPTH FT 0-1.0
DURATION = BRIEF MONTHS = NOV-MAY
MONTHS = NOV-JUN

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					

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ROSEDHU

DEPTH (IN)	USDA TEXTURE MCC	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-11	S		FS				6.0-20	GT 60
11-25	S		FS				0.6-6.0	
25-53	S		FS				6.0-20	

FLOODING
FREQUENCY = COMMON
DURATION = V.LONG
MONTHS = DEC-MAY

HIGH WATER TBL
DEPTH FT 0-1.0
MONTHS = NOV-JUN

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	130	ALL	

RANDOM DRAIN NORMALLY USED SOIL HAS LOW WATER HOLDING CAPACITY

RUTLEGE

DEPTH (IN)	USDA TEXTURE MCC	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-18	LS		LFS		S		6.0-20	GT 60
18-60	S		LS		LFS		6.0-20	

FLOODING
FREQUENCY = COMMON
DURATION = BRIEF
MONTHS = DEC-MAY

HIGH WATER TBL
DEPTH FT 0-1.0
MONTHS = DEC-MAY

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	
0-2	PASTURE	SSD	3/8			30	42	100	150	ALL	

RANDOM DRAIN NORMALLY USED SOIL HAS LOW WATER HOLDING CAPACITY

DRAINAGE GUIDE RECOMMENDATIONS

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SANTEE

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MCC	TEXT MOD	TEXT		
0-6	SL	FSL		2.0-6.0	GT 60
0-6	L	CL		0.6-2.0	
6-48	SC	CL	C	0.06-0.2	
48-71	SCL	SC	C	0.06-0.6	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = FREQUENT — DEPTH FT 0-1.0
DURATION = V.LONG — MONTHS = NOV-APR
MONTHS = DEC-APR

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					
0-2	WOODLAND	SD	10	.5	1	30					

SCRANTON

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = RARE — DEPTH FT 0.5-1.5
DURATION = — MONTHS = NOV-APR
MONTHS =

DEPTH (IN)	USDA TEXTURE			PERM (IN/HR)	BED RCK (IN)
	MCC	TEXT MOD	TEXT		
0-7	LS	LFS		6.0-20	GT 60
0-7	S	FS		6.0-20	
7-41	LS	S	FS	6.0-20	
41-72	S	FS		6.0-20	

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	

RANDOM DRAIN NORMALLY USED SOIL HAS LOW WATER HOLDING CAPACITY

DRAINAGE GUIDE RECOMMENDATIONS

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SEAGATE

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-12		FS		S			6.0-20	GT 60
12-28		FS		LFS		S	6.0-20	
28-36		FS		S			2.0-6.0	
36-40		SL		SCL			0.6-2.0	
40-64		CL		SCL			0.6-2.0	

(- - - - - FLOODING - - - - -)
FREQUENCY = NONE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 1.5-2.5
MONTHS = NOV-APR

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	WOODLAND	SD	10	.5	1	36					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	
0-2	PASTURE	SSD	3/8			30	42	100	150	ALL	

RANDOM DRAIN NORMALLY USED

SEEWEE

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-21		LFS		LS		FS	6.0-20	GT 60
21-30		FS		S			0.6-6.0	
30-65		FS		S			6.0-20	

(- - - - - FLOODING - - - - -)
FREQUENCY = RARE
DURATION =
MONTHS =

(HIGH WATER TBL)
DEPTH FT 1.0-2.0
MONTHS = NOV-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	120	ALL	

RANDOM DRAIN NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

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SMITHBORO

(- - - - -ESTIMATED SOIL PROPERTIES - - - - -)

DEPTH (IN)	MCC TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-6	SL	FSL		0.6-2.C	GT 60
0-6	L	SIL	VFSL	0.6-2.0	
6-75	C	CL	SIC	0.06-C.2	

(- - - - - FLCCDING - - - - -) (HIGH WATER TBL)
FREQUENCY = NCNE — DEPTH FT 0.5-1.5
DURATION = — MONTHS = DEC-MAR
MCNTHS =

(- - - - - - - - - - - - - - - RECOMMENDATIONS- - - - - - - - - - - - - - -)

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	WOODLAND	SD	10	.5	1	36					

STONO

(- - - - - FLCCDING - - - - -) (HIGH WATER TBL)
FREQUENCY = FREQUENT — DEPTH FT 0-1.0
DURATION = LCNG — MONTHS = NOV-APR
MCNTHS = NCV-APR

DEPTH (IN)	MCC TEXT	MOD TEXT	MOD TEXT	PERM (IN/HR)	BED RCK (IN)
C-17	FSL	LFS		2.0-6.0	GT 60
17-37	SCL	SL	FSL	2.0-6.0	
37-54	LFS	FS		6.0-20	

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREAT-MENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	PASTURE	SD	30	4	10	10					
0-2	WOODLAND	SD	10	.5	1	36					
0-2	CROPLAND	SSD	1/2			30	42	80	130	CHECK N	

RANDOM DRAIN NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

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TAWCAW

DEPTH (IN)	MCC	USDA TEXTURE TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-5		SICL		CL			0.06-C.6	GT 60
C-5		SIL					0.06-0.6	
C-5		SIC		C			0.06-C.2	
5-58		SICL		SIC		C	0.06-0.2	
58-72		SICL		SCL		L	0.2-C.6	

FLOODING: FREQUENCY = COMMON; DURATION = LONG; MONTHS = DEC-APR

HIGH WATER TBL: DEPTH FT 1.5-2.5; MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

STREAM OVERFLOW HAZARD

TOMOTLEY

DEPTH (IN)	MCC	USDA TEXTURE TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
C-13		LS		LFS			6.0-2C	GT 60
C-13		SL		FSL			2.0-6.0	
13-44		FSL		SCL		CL	0.6-2.0	
44-59		FSL		SCL		SC	0.2-2.0	
59-80		FSL		LFS			0.6-6.0	

FLOODING: FREQUENCY = RARE; DURATION =; MONTHS =

HIGH WATER TBL: DEPTH FT 0-1.0; MONTHS = DEC-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	120	CHECK N	

RANDOM DRAIN NORMALLY USED

DRAINAGE GUIDE RECOMMENDATIONS

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WADMALAW

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-13		LS		LFS			2.0-6.0	GT 60
0-13		SL		FSL			0.6-2.0	
13-33		SCL		FSL			0.6-2.0	
33-83		SCL		CL		SC	0.2-0.6	

FLOODING
FREQUENCY = FREQUENT
DURATION = LONG
MONTHS = NOV-APR

HIGH WATER TBL
DEPTH FT 0-1.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	4	10	10					
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	120	CHECK N	
0-2	PASTURE	SSD	3/8			30	42	80	120	CHECK N	

WAHEE

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-9		SL		FSL			0.6-2.0	GT 60
0-9		L		SIL		VFSL	0.2-2.0	
9-42		C		CL		SIC	0.06-0.2	
42-68		VAR					0.2-0.6	

FLOODING
FREQUENCY = NONE TO COMMON
DURATION = BRIEF
MONTHS = DEC-APR

HIGH WATER TBL
DEPTH FT 0.5-1.5
MONTHS = DEC-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	CROPLAND	SD	45	4	10	10					SMOOTH
0-2	CROPLAND	SD	45	.5	1	24					SMOOTH
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					SMOOTH
0-2	PASTURE	SD	30	.5	1	24					SMOOTH
0-2	WOODLAND	SD	10	.5	1	30					

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WEHADKEE

DEPTH (IN)	USDA TEXTURE MOD	TEXT MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-8	FSL	L	SIL	2.0-6.0	GT 60
8-40	L	SCL	CL	0.6-2.0	
40-50	VAR				

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = COMMON — DEPTH FT 0-2.5
DURATION = BRIEF — MONTHS = NOV-JUN

MONTHS = NOV-JUN

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					
0-2	WOODLAND	SD	10	.5	1	30					

STREAM OVERFLOW HAZARD

WILLIMAN

DEPTH (IN)	USDA TEXTURE MOD	TEXT MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-26	FS	LS	LFS	2.0-6.0	GT 60
26-80	SL	FSL	SCL	0.6-2.0	

(- - - - - FLOODING - - - - - -) (HIGH WATER TBL)
FREQUENCY = RARE — DEPTH FT 0-1.0
DURATION = — MONTHS = DEC-APR
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	36	80	120	CHECK	N
0-2	PASTURE	SSD	3/8			30	36	80	120	CHECK	N

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WITHERBEE

DEPTH (IN)	USCA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-25		FS					GT 20	GT 60
25-80		FS					6.0-20	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE DEPTH FT C-2.0
DURATION = MONTHS = NOV-SEP
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	30					
0-2	PASTURE	SD	30	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	100	150	ALL	

RANDOM DRAIN NORMALLY USED

WORSHAM

DEPTH (IN)	USCA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-8		FSL		SL			2.0-6.0	GT 60
0-8		L		SIL			0.6-2.0	
8-50		SCL		SC		C	0.06-0.6	
50-70		SL		SCL		CL	0.2-0.6	

(- - - - - FLOODING - - - - -) (HIGH WATER TBL)
FREQUENCY = NONE DEPTH FT 0-1.0
DURATION = MONTHS = NOV-APR
MONTHS =

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	PASTURE	SD	30	4	10	10					
0-2	WOODLAND	SD	10	.5	1	30					

DRAINAGE GUIDE RECOMMENDATIONS

SOUTH CAROLINA 11/23/77

YEMASSEE

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-15	LS		LFS				6.0-20	GT 60
0-15	SL		FSL				2.0-6.0	
15-48	SCL		CL		FSL		0.6-2.0	
48-65	SCL		FSL		SC		0.6-2.0	

FLOODING
FREQUENCY = NONE TO RARE
DURATION =
MONTHS =

HIGH WATER TBL
DEPTH FT 1.0-1.5
MONTHS = DEC-MAR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	.5	1	24					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					
0-2	CROPLAND	SSD	1/2			30	42	80	100	CHECK N	

RANDOM DRAIN NORMALLY USED

YONGES

DEPTH (IN)	USDA TEXTURE MOD	TEXT	MOD	TEXT	MOD	TEXT	PERM (IN/HR)	BED RCK (IN)
0-14	LFS		FSL				0.6-6.0	GT 60
14-42	SCL		CL				0.2-0.6	
42-60	FSL		SCL				0.6-2.0	

FLOODING
FREQUENCY = COMMON
DURATION = LONG
MONTHS = NOV-MAR

HIGH WATER TBL
DEPTH FT 0-1.0
MONTHS = NOV-APR

LND SLP	CROP/LANDUSE	DR. TYP	DR. COEF.	SIDESLOPE (Z) MIN	SIDESLOPE (Z) REC	DEPTH (IN) MN	DEPTH (IN) MX	SPACING (FT) MIN	SPACING (FT) MAX	FILTER NEEDS	SURFACE TREATMENT
0-2	CROPLAND	SD	45	4	10	10					
0-2	CROPLAND	SD	45	.5	1	24					
0-2	CROPLAND	SD	45	.5	1	24		100	150		BEDDING
0-2	PASTURE	SD	30	4	6	10		60	100		BEDDING
0-2	PASTURE	SD	30	4	10	10					
0-2	PASTURE	SD	30	.5	1	24					
0-2	WOODLAND	SD	10	.5	1	30					