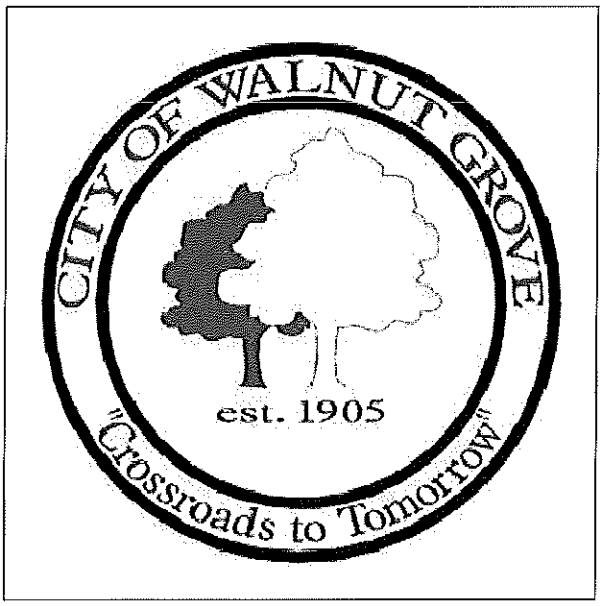
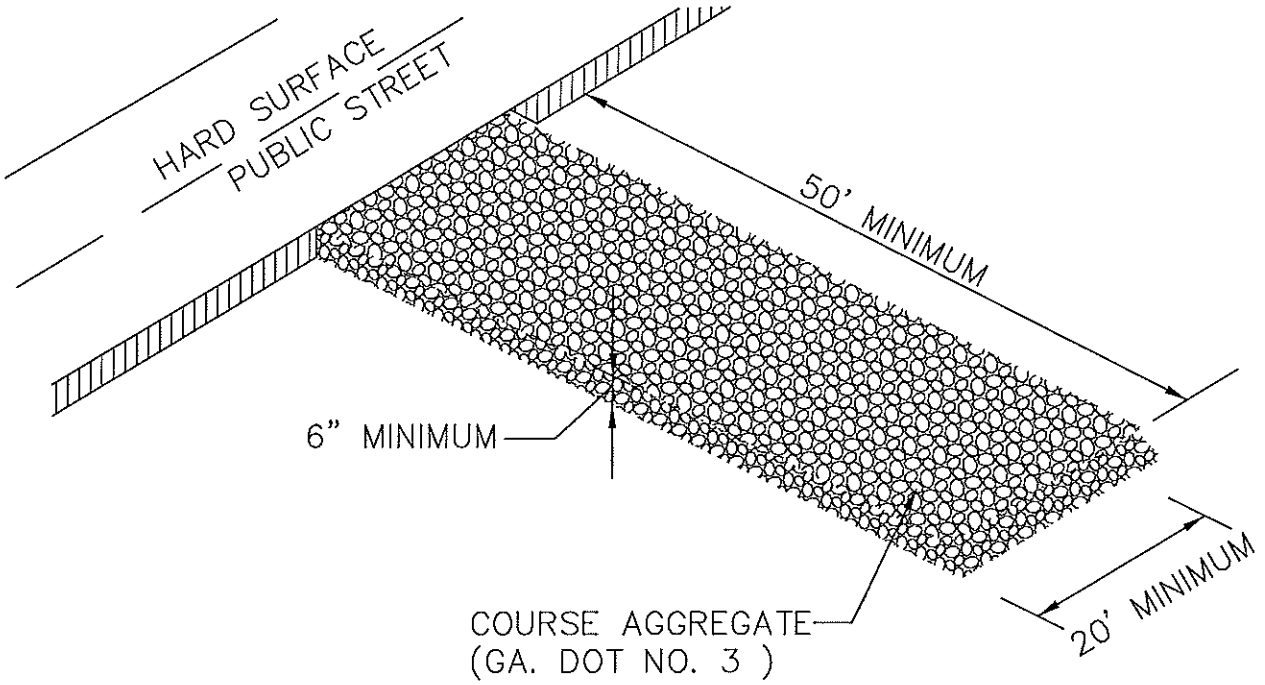
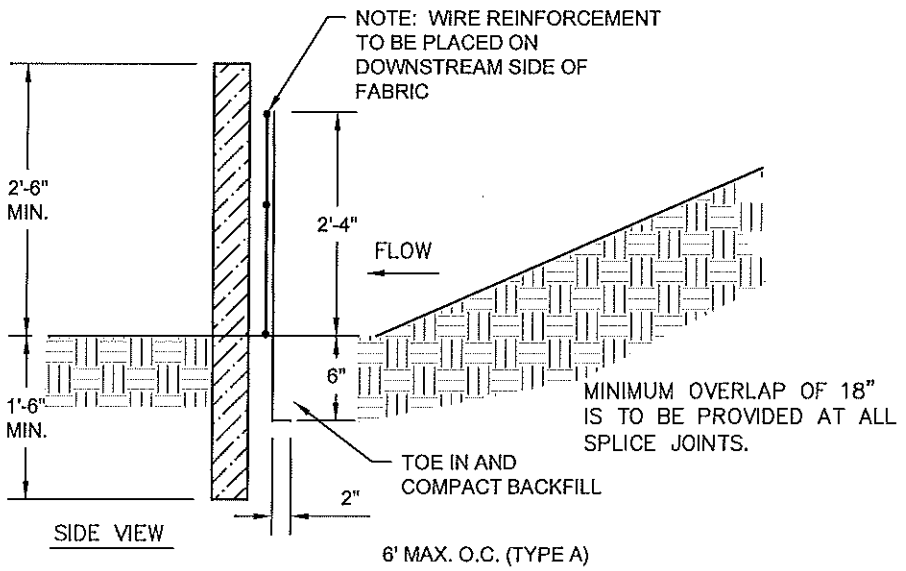
DIVISION 1
EROSION & SEDIMENT CONTROL

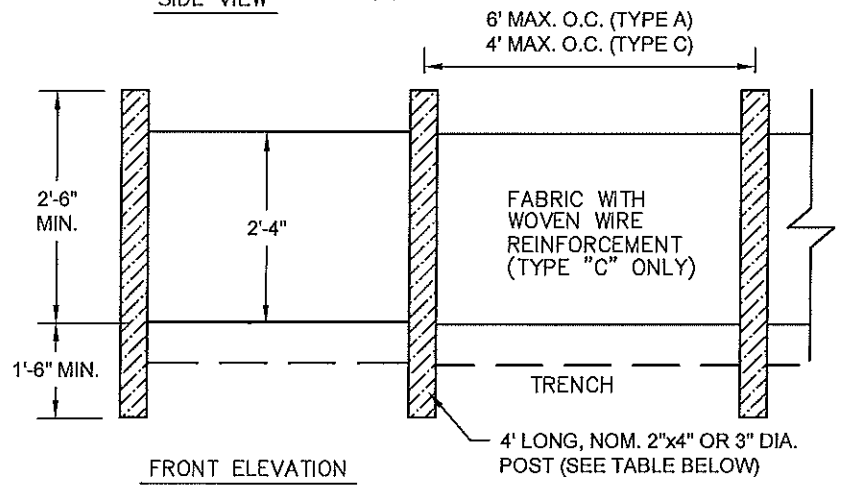




Co

	CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
		CONSTRUCTION EXIT	1.01





36" FILTER FABRIC SECURED TO POST

Sd1–A

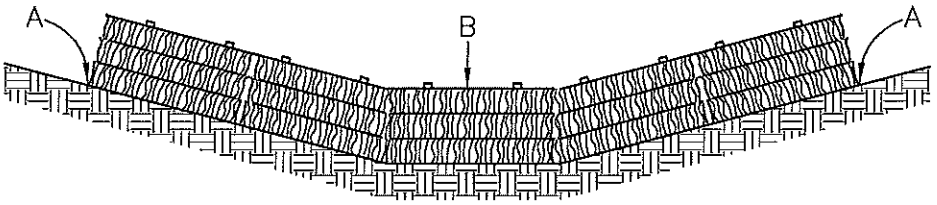
Sd1–C

SILT FENCE TYPE	POST MAT'L	REINFORCEMENT
"A"	WOOD OR STEEL	N/A
"C"	STEEL	WOVEN WIRE BEHIND FABRIC

TYPE A/C SILT FENCE

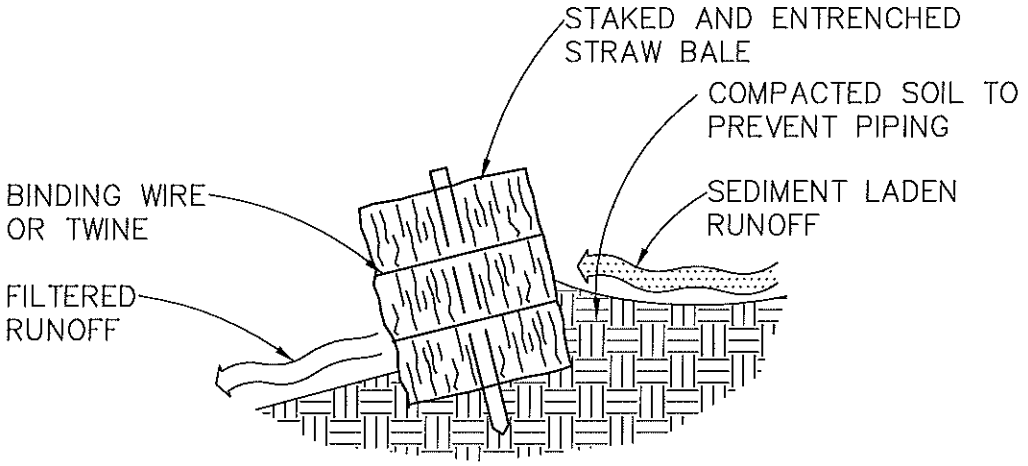
N.T.S.

CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
	SILT FENCE TYPE A & C	1.02



POINTS "A" SHOULD BE HIGHER THAN POINT "B".

PROPER PLACEMENT OF STRAW BALE BARRIER IN DRAINAGE WAY

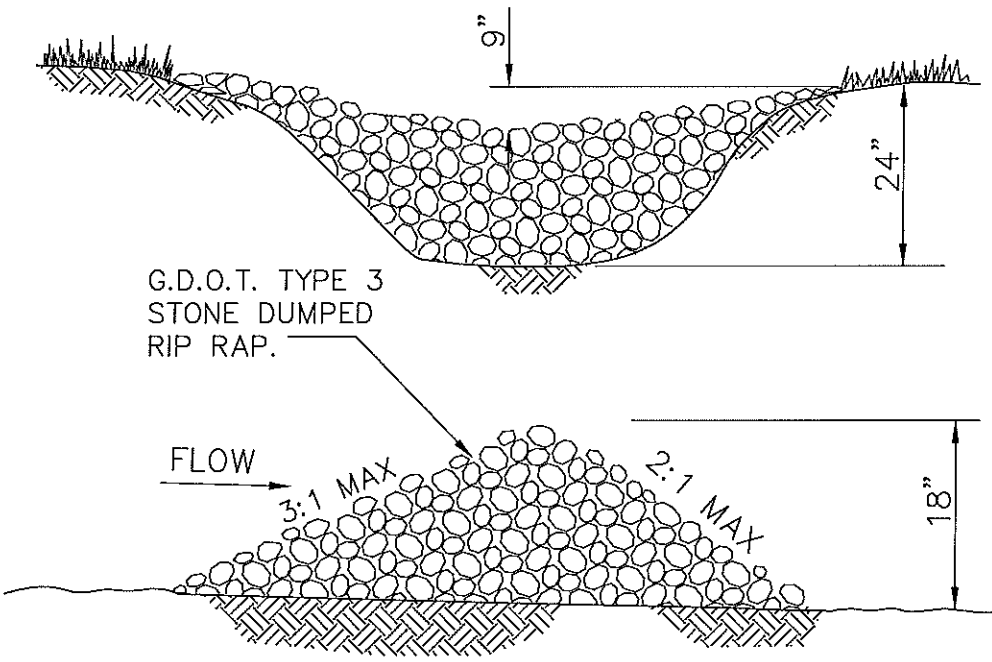


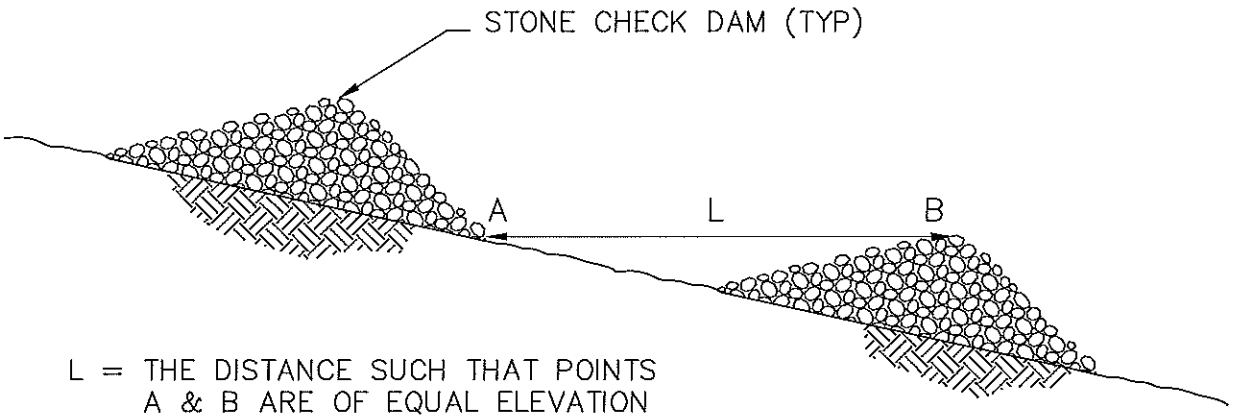
NOTE: EMBED HAY BALES A MINIMUM OF 4 INCHES.

CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE

Sd1-Hb

CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
	HAYBALE BARRIER	1.03

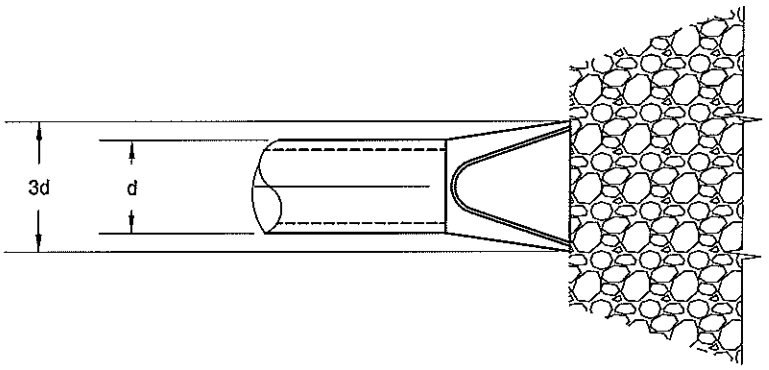


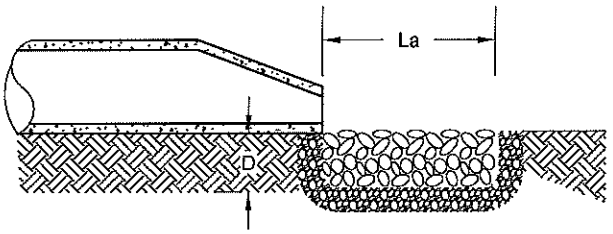


L = THE DISTANCE SUCH THAT POINTS
A & B ARE OF EQUAL ELEVATION

Cd–S

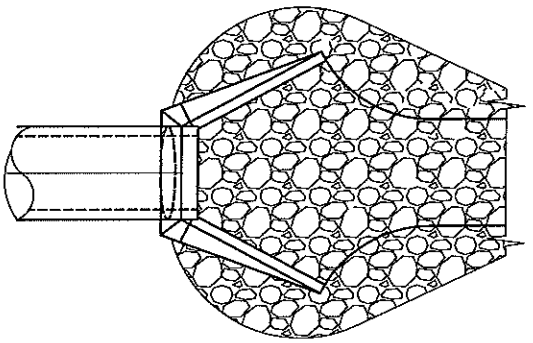
CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
	STONE CHECK DAM	1.04

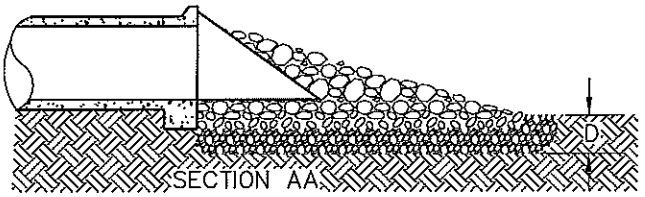




SECTION AA

PIPE OUTLET TO FLAT AREA –
NO WELL–DEFINED CHANNEL





SECTION AA

PIPE OUTLET TO A
WELL–DEFINED CHANNEL

NOTES:
1. L_a IS THE LENGTH OF THE RIPRAP APRON.
2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
3. IN A WELL–DEFINED CHANNE, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO TOP OF THE BANK, WHICHEVER IS LESS.
4. A FILTER BLANKET OF FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

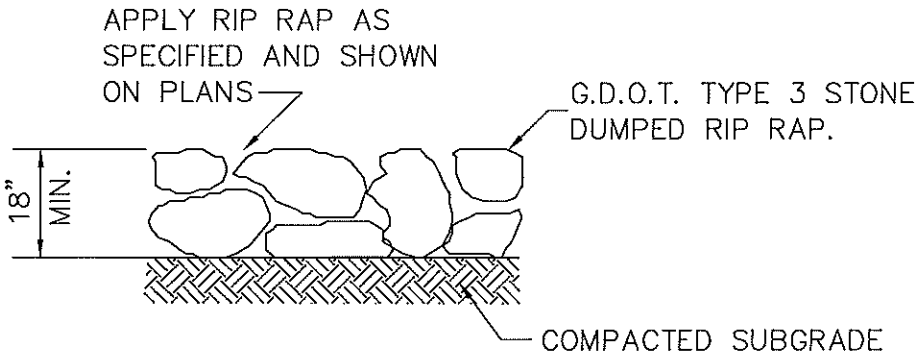
St

NOTES TO BE SHOWN ON PLANS INCLUDE:

THE FLOW CHARACTERISTICS OF THE PIPE AT FULL FLOW INCLUDING PIPE DIAMETER, FLOW RATE (cfs), VELOCITY (fps) AND TAILWATER CONDITION.

THE DIMENSIONS OF THE APRON INCLUDING LENGTH (La), WIDTH AT THE HEADWALL (W_1), DOWNSTREAM WIDTH (W_2), AVERAGE STONE DIAMETER (d50), AND STONE DEPTH (D) DESIGNED IN ACCORDANCE WITH THE GEORGIA SOIL AND WATER CONSERVATION SERVICE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA", LATEST EDITION.

CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
	STORM DRAIN OUTLET PROTECTION	1.05

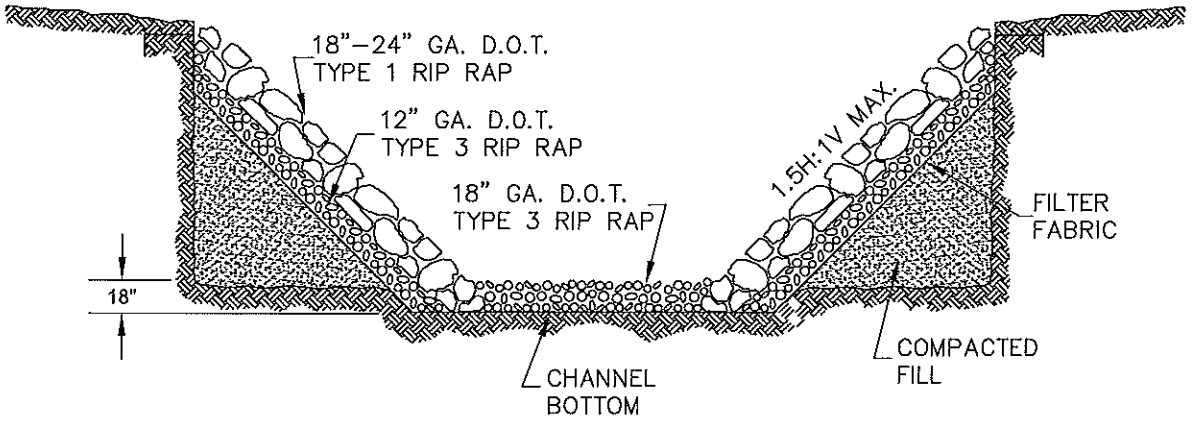


NOTE: DITCH SLOPES MUST BE LINED WITH RIP RAP MINIMUM OF 75% OF DITCH HEIGHT.

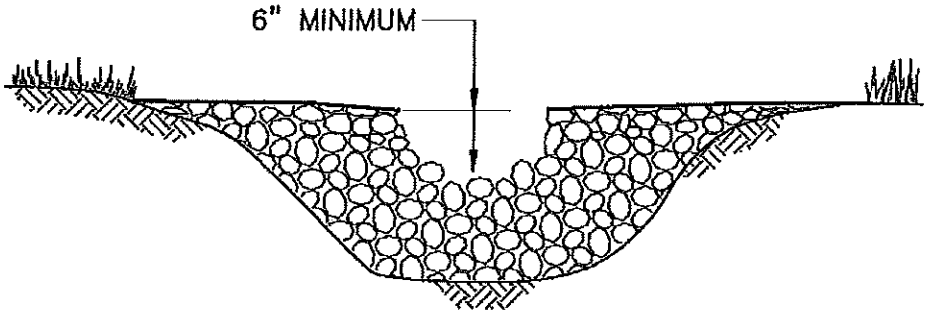
SECTION

Rp

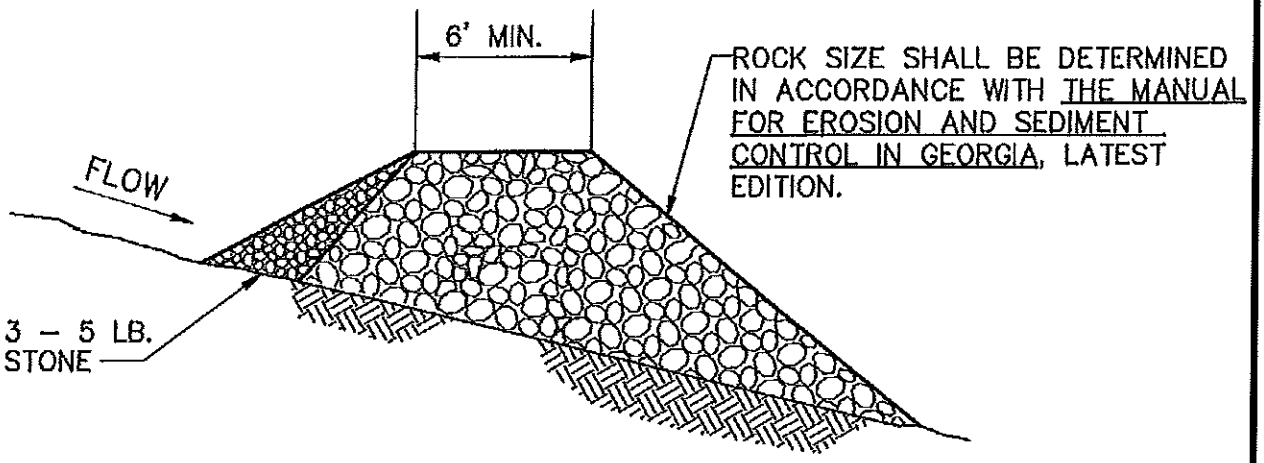
CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
	RIP RAP	1.06



CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
	CHANNEL STABILIZATION	1.07



NOTE: SEDIMENT TRAP IS TO BE CLEANED OUT WHEN VOLUME BECOMES HALF FULL.

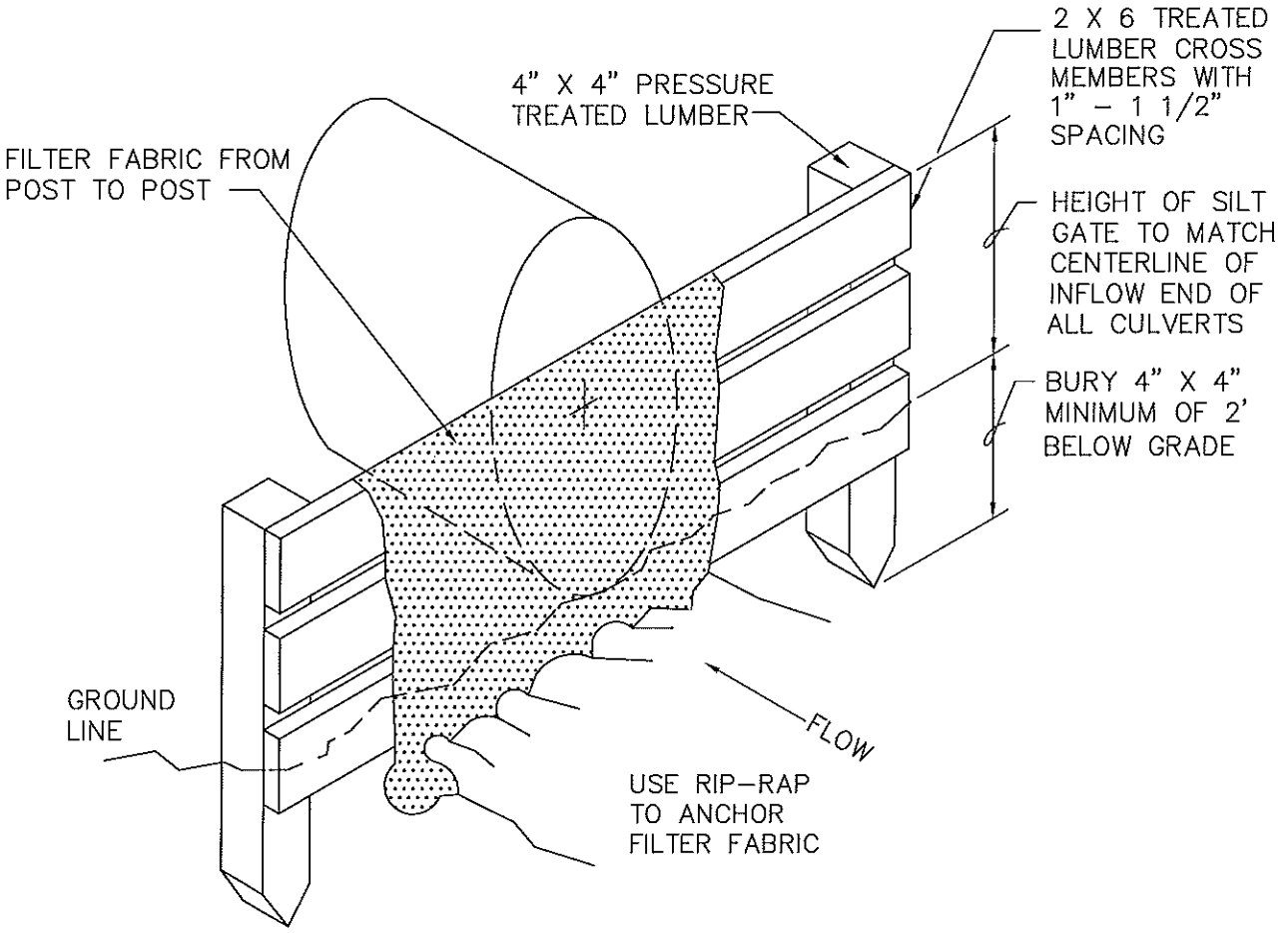


ROCK FILTER DAM

Rd

N.T.S.

CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
	ROCK FILTER DAM	1.08



NOTE: SILT GATES SHALL BE PLACED AT THE INLET END OF STORM PIPES OR DOWN DRAINS.

CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
	SILT GATES	1.09

PLANTING RATES IN LBS. PER ACRE

CONDITION 1 – FLAT TO MODERATE SLOPES 0% – 3%

GRASS	SPRING	SUMMER	FALL	WINTER
RYEGRASS			40	40
RYE			170	170
WHEAT			180	180
WEEPING LOVEGRASS	4	4		
BROWNTOP MILLET	40	40		
FESCUE	50		50	

CONDITION 2 – MODERATE TO STEEP SLOPE 3% – 25%

GRASS	SPRING	SUMMER	FALL	WINTER
RYEGRASS			40	40
RYE			170	170
WHEAT			180	180
LESPEDEZA ANNUAL	40			
WEEPING LOVEGRASS	4	4		
BROWNTOP MILLET	40	40		
SUDANGRASS	60	60		
FESCUE	50		50	

CONDITION 3 – CONCENTRATED WATER AREAS

GRASS	SPRING	SUMMER	FALL	WINTER
RYEGRASS			40	40
RYE			170	170
WHEAT			180	180
LESPEDEZA ANNUAL	40			
BROWNTOP MILLET	40	40		
SUDANGRASS	60	60		
PEARL MILLET	50	50		
FESCUE	50		50	

NOTE: ALL SEEDING RATES FOR SINGLE SPECIES, MIXTURES CAN RESULT IN LOWER RATES, CONSULT MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA FOR MIXING RATES.

NOTE: ON LOW FERTILITY SOILS USE 500 LBS/ACRE OF 10–10–10 OR 12 LBS/1000 S.F.. APPLY BEFORE LAND PREPARATION.

Ds2

JAN 1 TO FEB 31

SERICEA LESPEDEZA (UNSCARIFIED) – 75 LBS/ACRE
COMMON BERMUDA (UNHULLED) – 10 LBS/ACRE

MAR 1 TO JUNE 31

SERICEA LESPEDEZA (SCARIFIED) – 60 LBS/ACRE
COMMON BERMUDA (HULLED) – 10 LBS/ACRE
WEEPING LOVEGRASS – 4 LBS/ACRE
BAHIA, PENSACOLA – 60 LBS/ACRE
BAHIA, WILMINGTON – 60 LBS/ACRE
BERMUDA SPRIGS – 40 CU. FT.

JULY 1 TO AUG 15

BERMUDA SPRIGS
COASTAL, COMMON OR TIFT 44 – 32 BUSHELS/ACRE

AUG 15 TO DEC 31

TALL FESCUE – (WITH COMMON BERMUDA – UNHULLED & RYE)
(FESCUE–30 LBS/ACRE,BERMUDA–6 LBS/ACRE,RYE–1/2 BU/ACRE)
SERICEA LESPEDEZA (UNSCARIFIED) – 75 LBS/ACRE

FERTILIZER RATE

NITROGEN	5–10%	90	LBS/ACRE
PHOSPHORUS	10–15%	180	LBS/ACRE
POTASSIUM	10–15%	180	LBS/ACRE
MULCH		2.5	TONS/ACRE
N TOP DRESS		50–100	LBS/ACRE
LIME		2	TONS/ACRE

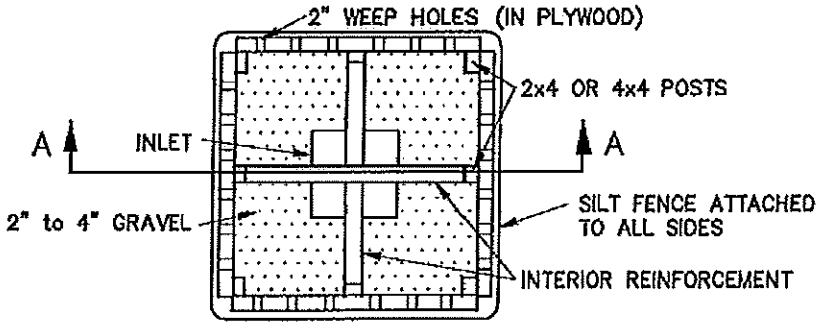
Ds3

CITY OF WALNUT GROVE

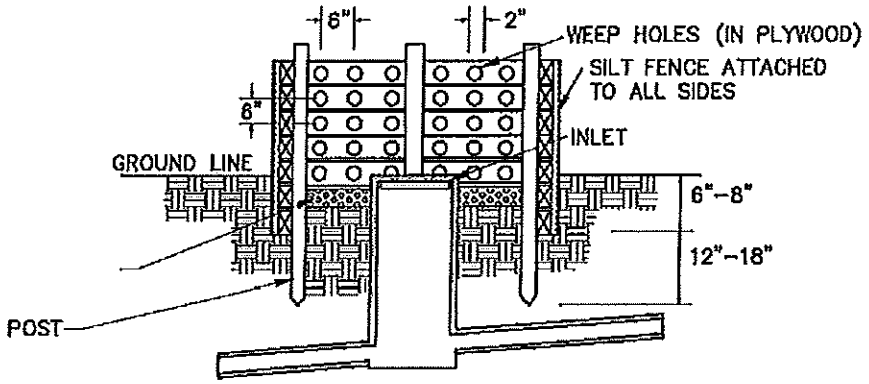
STANDARD DESIGN & CONSTRUCTION DETAILS

GRASSING SCHEDULE PERMANENT

1.11



PLAN



SECTION A–A

BOX TO BE MADE OF BOARDS SPACED 1" to 2" APART, OR MADE OF PLYWOOD WITH 2" WEEP HOLES SPACED APPROX. 6" VERTICAL – 6" HORIZONTAL
SILT FENCE TO BE ATTACHED TO ALL SIDES OF THE SEDIMENT BOX
2" to 4" OF GRAVEL ON THE INSIDE AROUND THE INLET (IN PLYWOOD BOX)
DIMENSIONS OF THE BOX WILL VARY ACCORDING TO THE SIZE OF THE INLET AND DEPTH OF BASIN
EXCAVATE 1' BELOW TOP OF INLET IN 10' RADIUS AROUND BOX FOR SILT CONTROL DURING CONSTRUCTION.

INLET SEDIMENT TRAP

NTS

Sd2–B

CITY OF WALNUT GROVE	STANDARD DESIGN & CONSTRUCTION DETAILS	
	INLET SEDIMENT TRAP	1.12