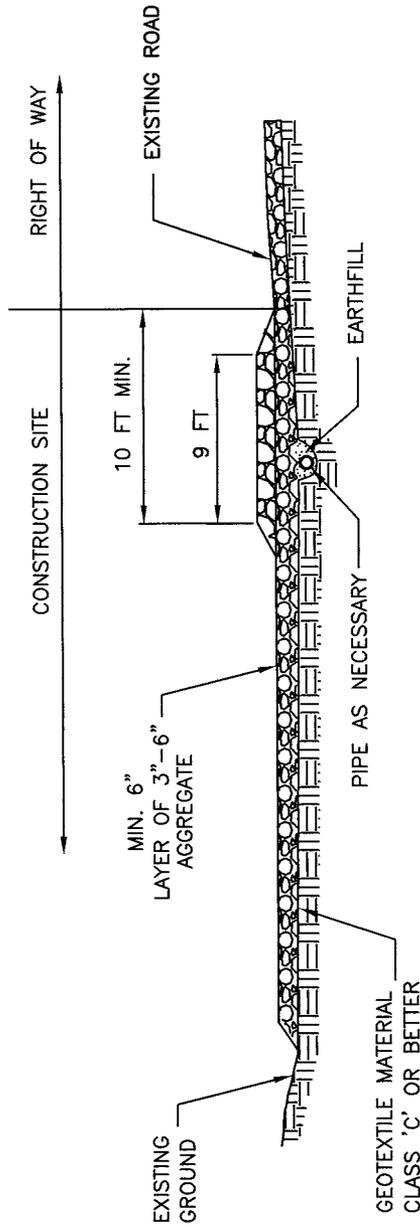
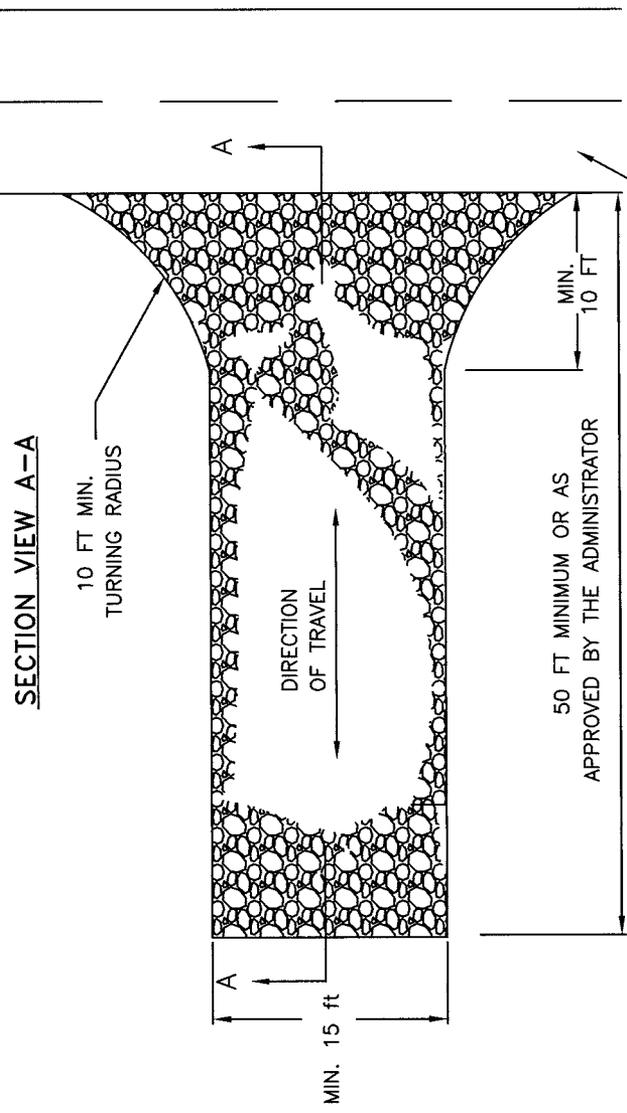


Standard Drawings		
Section 11 – Stormwater Quality, Erosion and Sediment Control		
Drawing	Sheets	Description
11-1	1	Stabilized Construction Site Access
11-2	1 of 2	Sediment Trap Vegetated Outlet
11-2	2 of 2	Sediment Trap Stabilized Outlet
11-3	1 of 3	Typical Temporary Sediment Basin Single Orifice Design
11-3	2 of 3	Typical Temporary Sediment Basin Multiple Orifice Design
11-3	3 of 3	Multiple Orifice Outlet Riser
11-4	1 of 2	Erosion Control Blankets/Mats Channel Installation
11-4	2 of 2	Erosion Control Blankets/Mats Slope Installation
11-5	1 of 3	Silt Fence
11-5	2 of 3	Silt Fence Detail
11-5	3 of 3	Filter Barriers
11-6	1	Straw Bale Barrier
11-7	1 of 3	Storm Drain Inlet Filter
11-7	2 of 3	Storm Drain Inlet Filter Bag
11-7	3 of 3	Inlet Sediment Control
11-8	1	Fiber Rolls
11-9	1	Concrete Washout
11-10	1 of 2	Stormwater Quality Drop Inlet Concrete Stamp
11-10	2 of 2	Drop Inlet Stamp Messages & Symbols



CONSTRUCTION ENTRANCE/EXIT



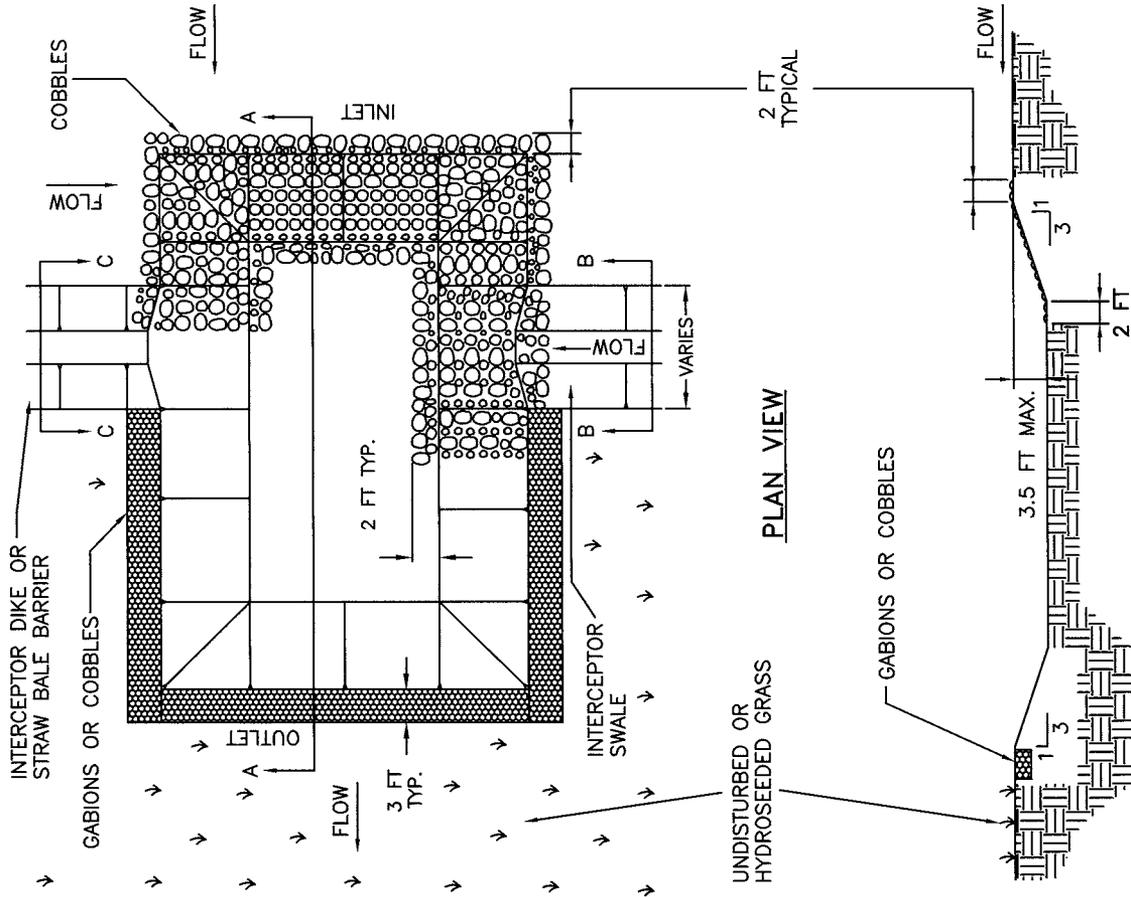
CONSTRUCTION ENTRANCE/EXIT

PLAN VIEW

NOTES:

1. STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 3 TO 6 INCH WASHED, WELL GRADED GRAVEL OR CRUSHED ROCK. MATERIAL SHALL BE PLACED TO A MINIMUM THICKNESS OF 6 INCHES.
2. LENGTH OF ENTRANCE SHALL BE A MINIMUM OF 50 FEET. WIDTH SHALL BE A MINIMUM OF 15 FEET OR GREATER IF NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS. PROVIDE AMPLE TURNING RADII.
3. THE ENTRANCE SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL AS SPECIFIED IN NOTE 1.
4. ACCESSES SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING NORMAL USAGE, AND AFTER EACH RAINFALL, WITH MAINTENANCE PROVIDED AS NECESSARY. PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.

COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
STABILIZED CONSTRUCTION SITE ACCESS	SHEET # 1 OF 1
<i>Paros Kollas</i> COUNTY ENGINEER No. C42401	DRAWING #: 11-1 NOT TO SCALE
	APPROVAL DATE 28 AUG. 08



PLAN VIEW

SECTION A-A



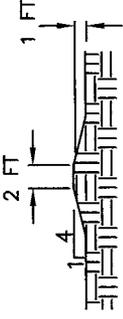
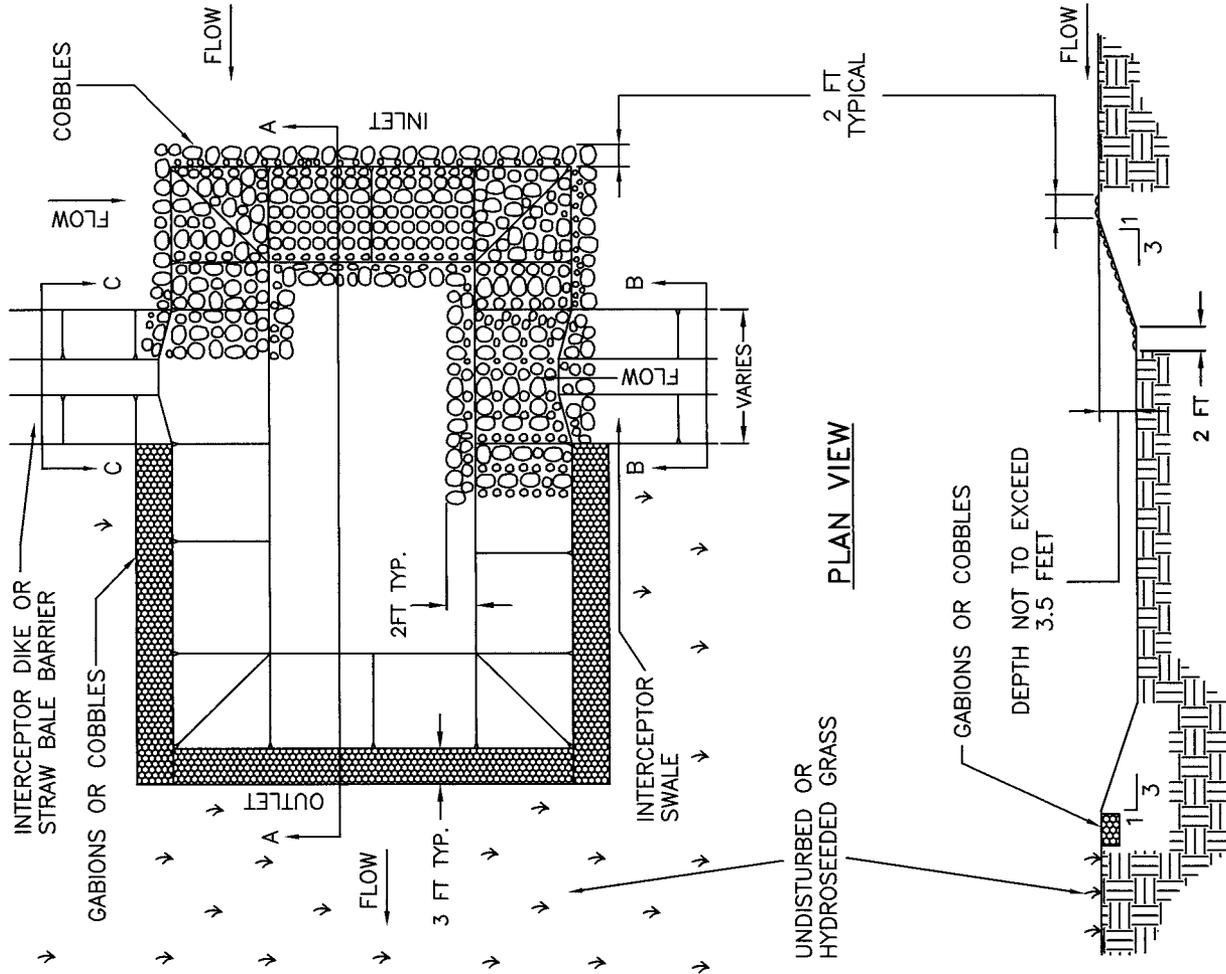
SECTION B-B

SECTION C-C

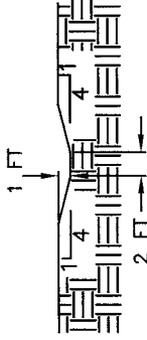
NOTES:

1. DIMENSIONS OF SEDIMENT TRAPS, DIKES, AND SWALES SHALL BE APPROVED BY THE COUNTY ENGINEER.
2. INTERCEPTION DIKES AND SWALES SHALL BE CONSTRUCTED TO DRAIN SURFACE RUNOFF INTO SEDIMENT TRAPS.
3. TRAPS SHALL BE EXCAVATED WITH APPROPRIATE EQUIPMENT, TAKING CARE NOT TO DISTURB VEGETATION OR SOIL AT OUTLET CREST. SIDE SLOPES SHALL BE 3:1 OR FLATTER. MAXIMUM TRAP DEPTH SHALL BE 3.5 FEET.
4. 4" TO 6" COBBLES CONFORMING TO STATE STANDARD SPECIFICATIONS SHALL BE PLACED ON THE TOPS AND BOTTOMS OF THE INLET SIDES. COBBLES SHALL EXTEND A MINIMUM OF 2 FEET BEYOND THE TOP AND TOE OF SLOPES.
5. PERIMETER OF THE SEDIMENT TRAP SHALL BE HYDROSEEDDED 10 FEET BEYOND EDGE OF EXCAVATION IF EXISTING VEGETATION IS THIN, DISTURBED, OR NONEXISTENT.
6. THE CONTRACTOR SHALL INSPECT SEDIMENT TRAPS WEEKLY AND AFTER EACH RAINFALL AND REPAIR AS NECESSARY. SEDIMENT SHALL BE REMOVED FROM THE BOTTOM OF THE TRAP BEFORE IT REACHES 1 FOOT DEEP, AND DISPOSED PROPERLY.
7. THIS TRAP SHALL BE USED ONLY WHEN THERE IS NO EXISTING DOWNSTREAM DRAINAGE COURSE, OR WHEN IT IS DESIRABLE TO KEEP ALL RUNOFF WATER WITHIN CONSTRUCTION BOUNDARIES.

COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
SEDIMENT TRAP VEGETATED OUTLET	SHEET # 1 OF 2
<i>Karnes</i> COUNTY ENGINEER No. C42401	APPROVAL DATE 28 Aug. 08
	DRAWING #: 11-2 NOT TO SCALE



SECTION C-C



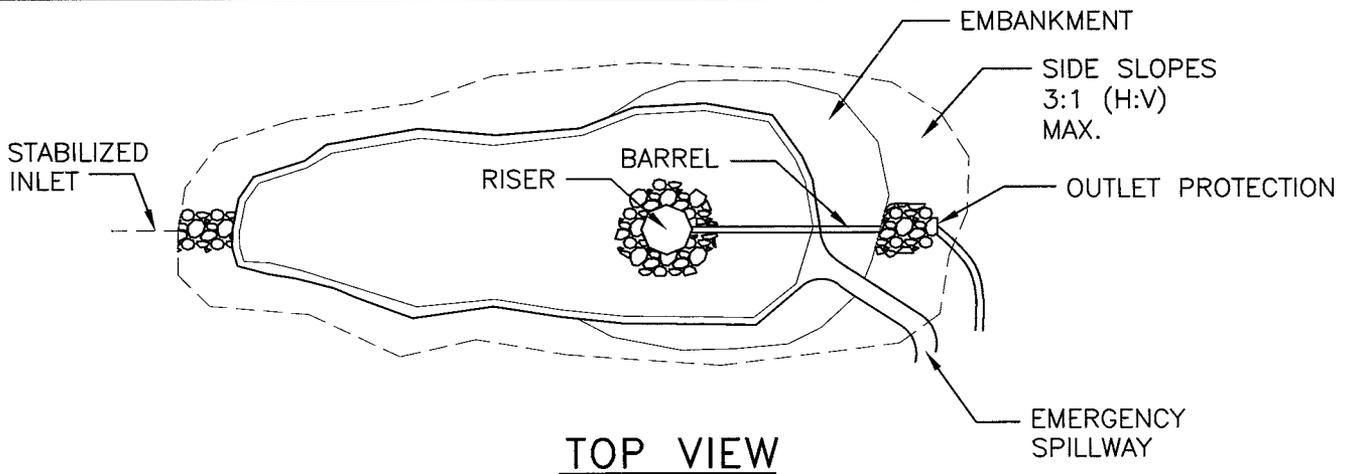
SECTION B-B

NOTES:

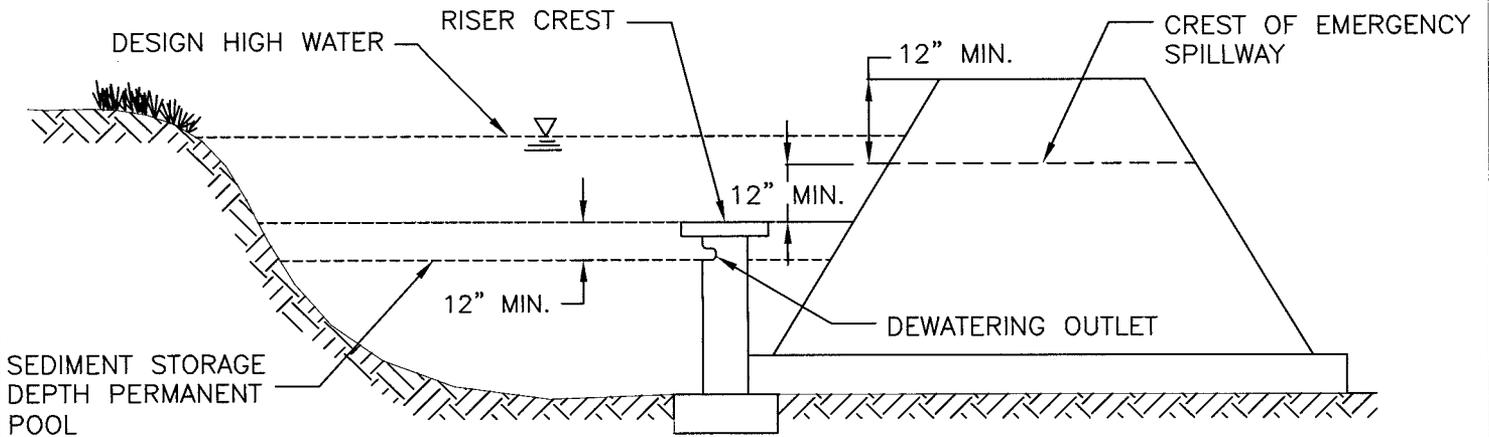
1. DIMENSIONS OF SEDIMENT TRAPS, DIKES, AND SWALES SHALL BE APPROVED BY THE COUNTY ENGINEER.
2. INTERCEPTION DIKES AND SWALES SHALL BE CONSTRUCTED TO DRAIN SURFACE RUNOFF INTO SEDIMENT TRAPS.
3. TRAPS SHALL BE EXCAVATED WITH APPROPRIATE EQUIPMENT, TAKING CARE NOT TO DISTURB VEGETATION OR SOIL AT OUTLET CREST. SIDE SLOPES SHALL BE 3:1 OR FLATTER. MAXIMUM TRAP DEPTH SHALL BE 3.5 FEET.
4. COBBLES CONFORMING TO STATE STANDARD SPECIFICATIONS SHALL BE PLACED ON THE TOPS, SLOPES, AND BOTTOMS OF THE INLET SIDES. COBBLES SHALL EXTEND A MINIMUM OF 2 FEET BEYOND THE TOP AND TOE OF SLOPES.
5. PERIMETER OF SEDIMENT TRAPS SHALL BE STABILIZED WITH GABIONS OR COBBLES AND HYDROSEEDED 10 FEET BEYOND EDGE OF EXCAVATION IF EXISTING VEGETATION IS THIN, DISTURBED OR NONEXISTENT.
6. THE CONTRACTOR SHALL INSPECT SEDIMENT TRAPS WEEKLY AND AFTER EACH RAINFALL AND REPAIR AS NECESSARY. SEDIMENT SHALL BE REMOVED FROM THE BOTTOM OF THE TRAP WHEN 300 MM (1 FOOT) DEEP OR LESS.
7. SEE NOTE 7 (DETAIL 11-2).

COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
SEDIMENT TRAP STABILIZED OUTLET	SHEET # 2 OF 2
<i>Ramos</i> COUNTY ENGINEER No. C42401	APPROVAL DATE 28 AUG. 08
	DRAWING #: 11-2 NOT TO SCALE

SECTION A-A



TOP VIEW

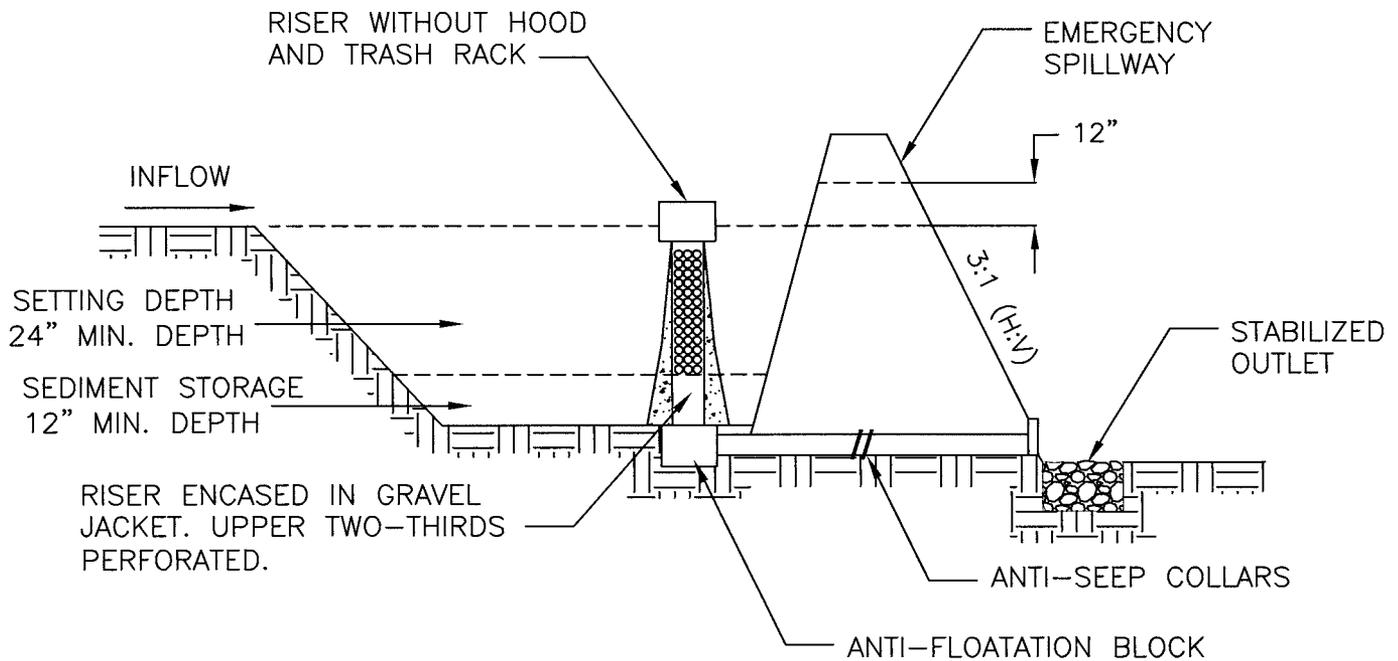
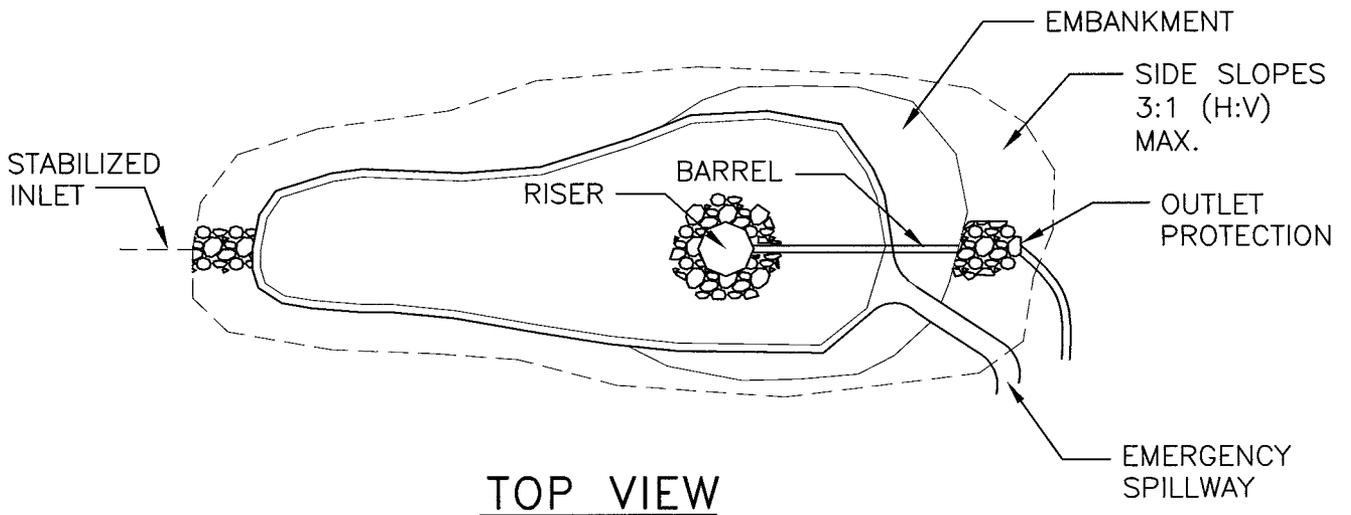


SIDE VIEW

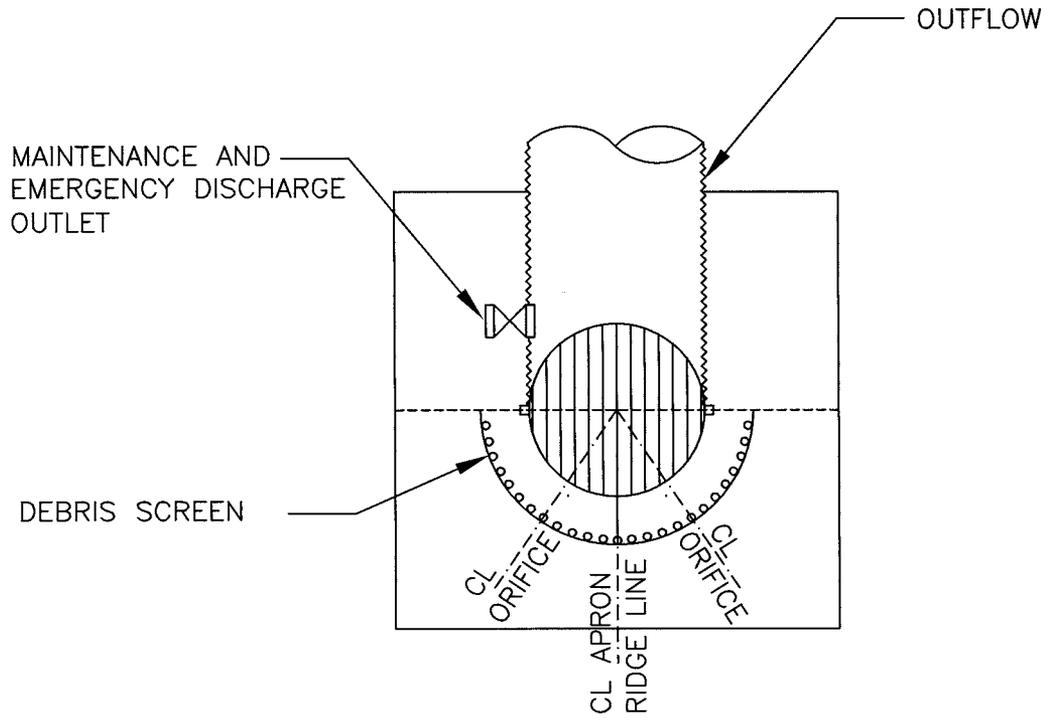
NOTE:

1. THIS OUTLET PROVIDES NO DRAINAGE FOR PERMANENT POOL.
2. CONSTRUCT BEFORE CLEARING AND GRADING WORK BEGINS, WHEN FEASIBLE.
3. DO NOT LOCATE IN AN UNDISTURBED STREAM OR OTHER WATERCOURSE.
4. BASIN SITES SHOULD BE LOCATED WHERE FAILURE OF THE STRUCTURE WILL NOT CAUSE LOSS OF LIFE, DAMAGE TO HOMES OR BUILDINGS, OR INTERRUPTION OF USE OR SERVICE OF PUBLIC ROADS OR UTILITIES.
5. LARGE BASINS ARE SUBJECT TO STATE AND LOCAL DAM SAFETY REQUIREMENTS.
6. LIMIT THE CONTRIBUTING AREA TO ONLY THE RUNOFF FROM DISTURBED SOIL AREAS.
7. THE BASIN SHOULD BE LOCATED:
 - A. BY EXCAVATING A SUITABLE AREA OR WHERE LOW EMBANKMENT CAN BE CONSTRUCTED ACROSS A SWALE,
 - B. WHERE POST-CONSTRUCTION (PERMANENT) DETENTION BASINS WILL BE CONSTRUCTED, AND
 - C. WHERE THE BASIN CAN BE MAINTAINED ON A YEAR-ROUND BASIS TO PROVIDE ACCESS FOR MAINTENANCE INCLUDING SEDIMENT REMOVAL AND SEDIMENT STOCKPILING IN A PROTECTED AREA, AND TO MAINTAIN THE REQUIRED STORMWATER CAPACITY.

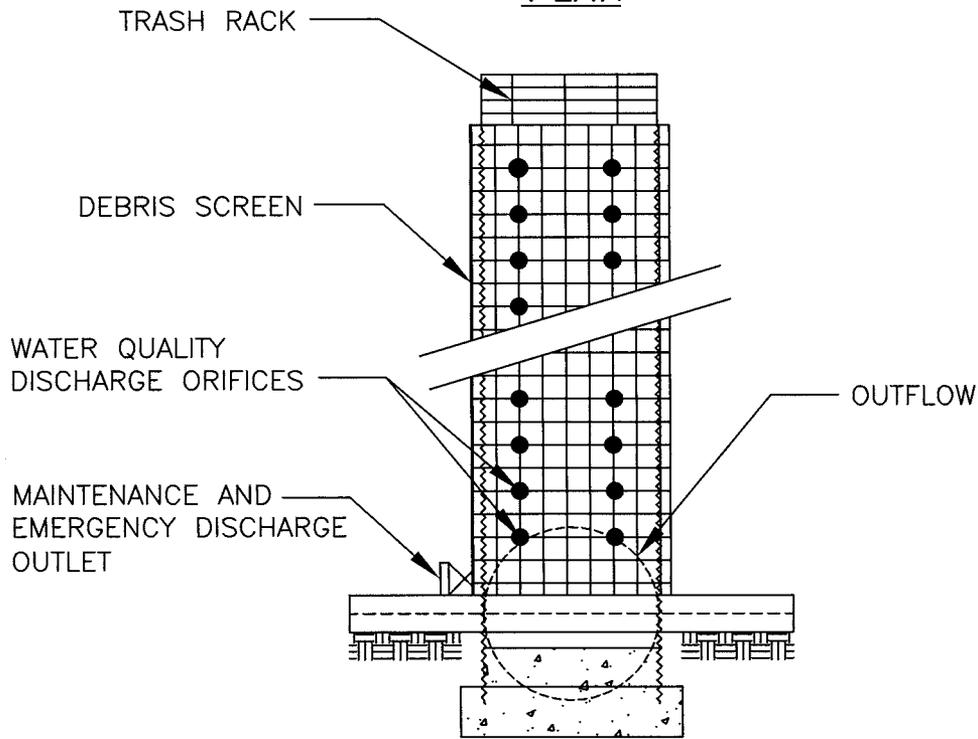
COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT		DATE: 08/05/08
TYPICAL TEMPORARY SEDIMENT BASIN SINGLE ORIFICE DESIGN		SHEET # 1 OF 3
<i>Paros Kallas</i> COUNTY ENGINEER No. C42401		28 AUG. 08 APPROVAL DATE
		DRAWING #: 11-3 NOT TO SCALE



COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT		DATE: 08/05/08
TYPICAL TEMPORARY SEDIMENT BASIN MULTIPLE ORIFICE DESIGN		SHEET # 2 OF 3
<i>Paros Kallas</i> COUNTY ENGINEER No. C42401	28 AUG. 08 APPROVAL DATE	DRAWING #: 11-3 NOT TO SCALE

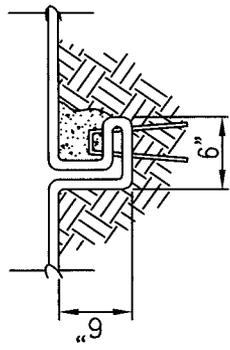


PLAN

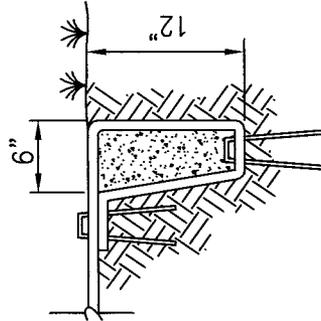


PROFILE

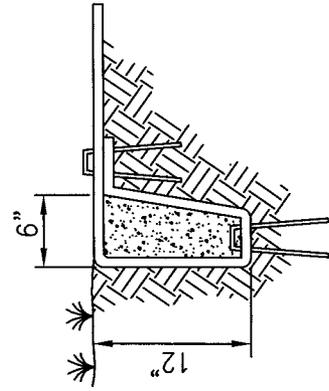
COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT		DATE: 08/05/08
MULTIPLE ORIFICE OUTLET RISER		SHEET # 3 OF 3
<i>Paras Kollas</i> COUNTY ENGINEER No. C42401		DRAWING #: 11-3 NOT TO SCALE
APPROVAL DATE 28 AUG. 08		



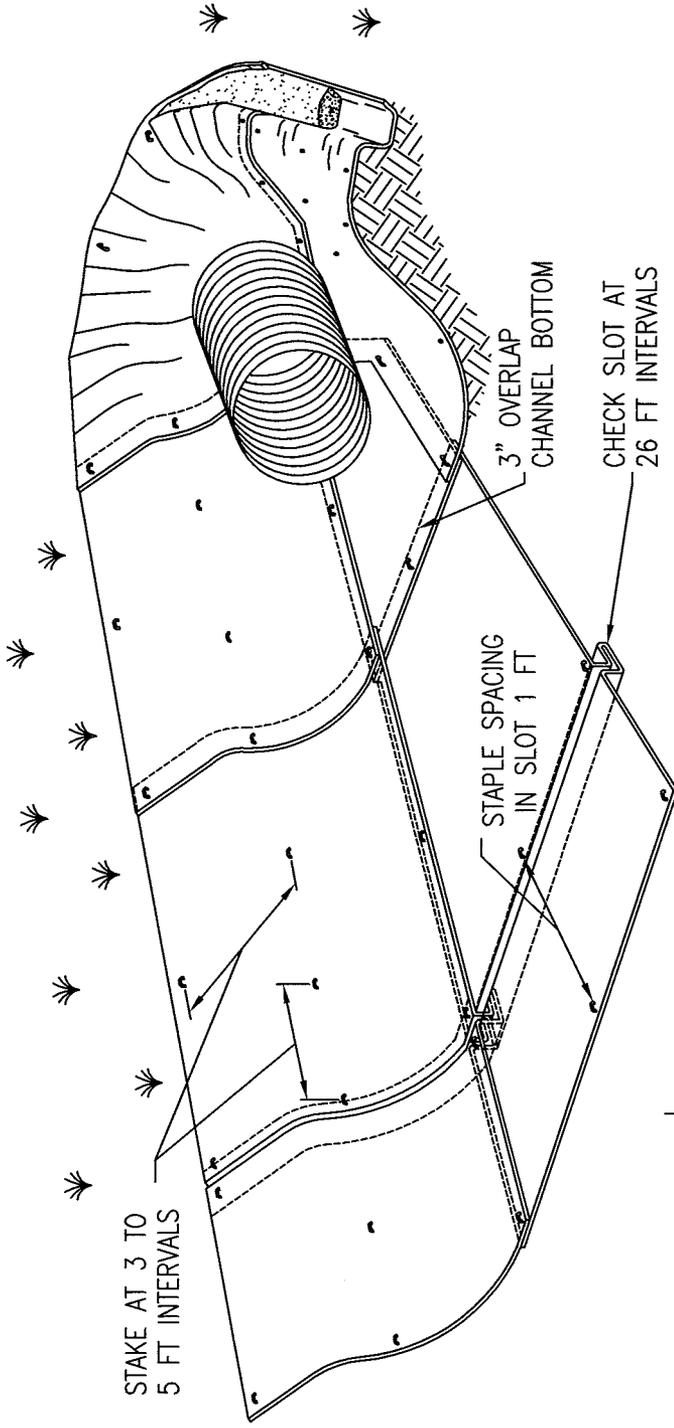
CHECK SLOT



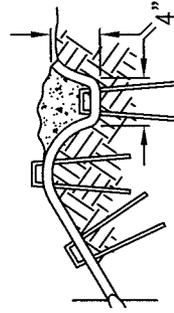
INITIAL CHANNEL ANCHOR TRENCH



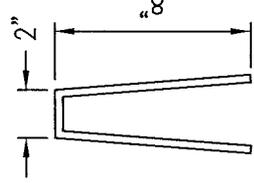
TERMINAL SLOPE AND CHANNEL ANCHOR TRENCH



TYPICAL CHANNEL SOIL STABILIZATION



LONGITUDINAL ANCHOR TRENCH

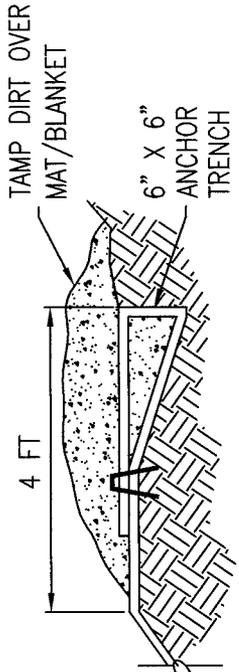


WIRE STAPLES

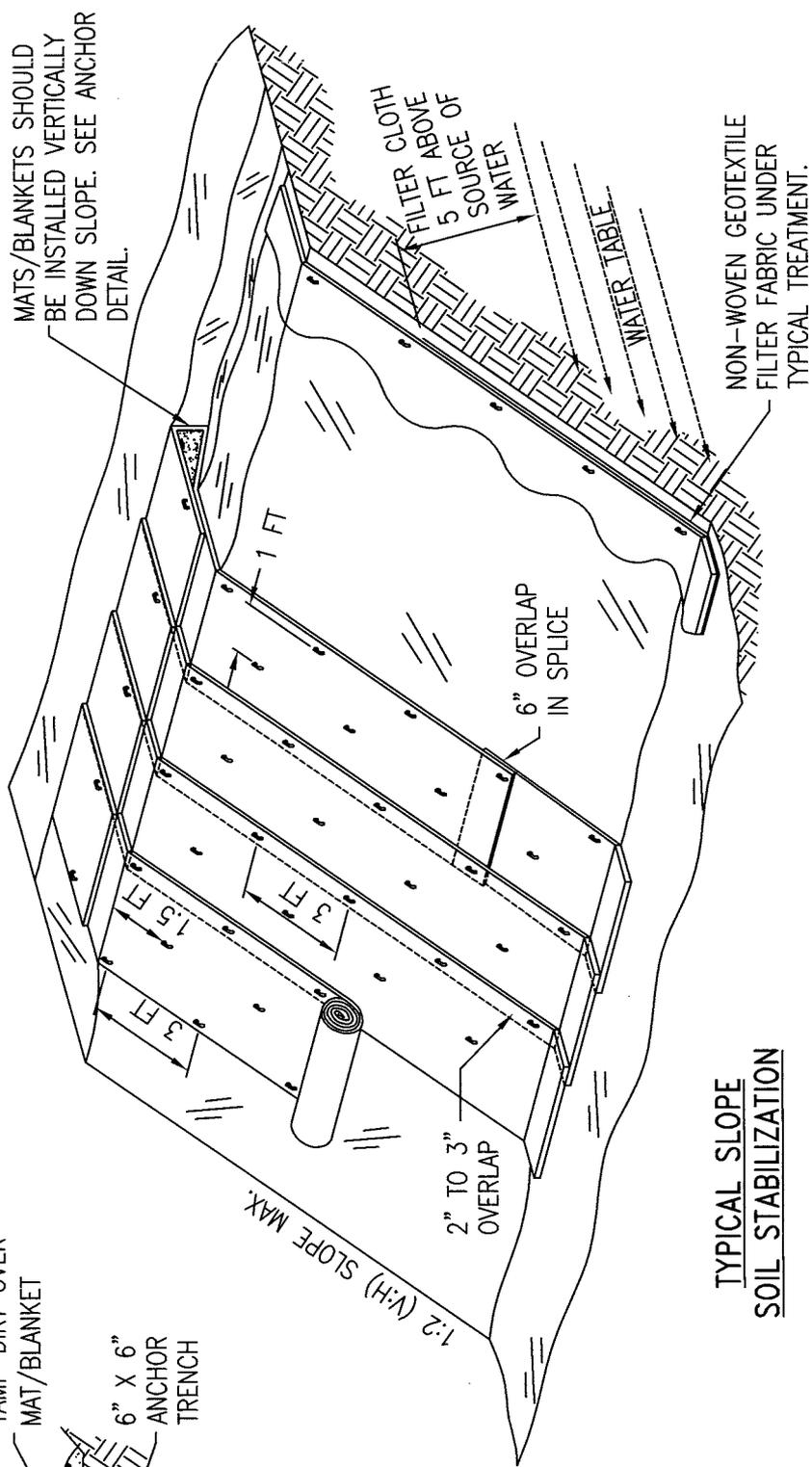
NOTE:

1. CONSTRUCTION OF CHECK SLOTS, STAKING, STAPLING LAYOUT, AND MAT INSTALLATION ALL TO BE DONE PER MANUFACTURER'S SPECIFICATIONS.

COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
EROSION CONTROL BLANKETS/MATS CHANNEL INSTALLATION	SHEET # 1 OF 2
<i>Carroll Kothas</i> COUNTY ENGINEER No. C42401	DRAWING #: 11--4 NOT TO SCALE
APPROVAL DATE <i>28 AUG 08</i>	



ANCHOR DETAIL



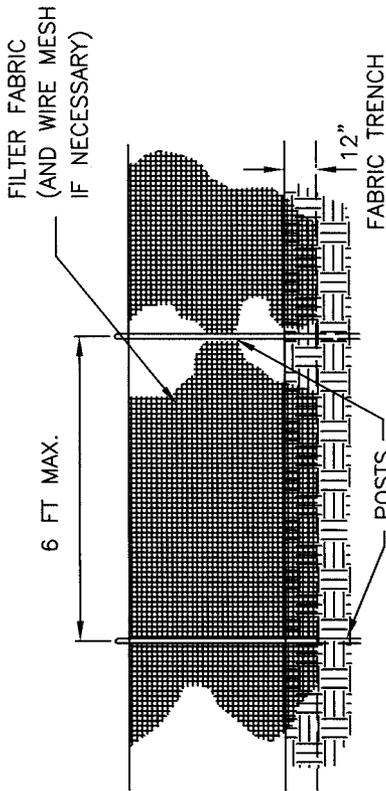
TYPICAL SLOPE SOIL STABILIZATION

WET SLOPE LINING

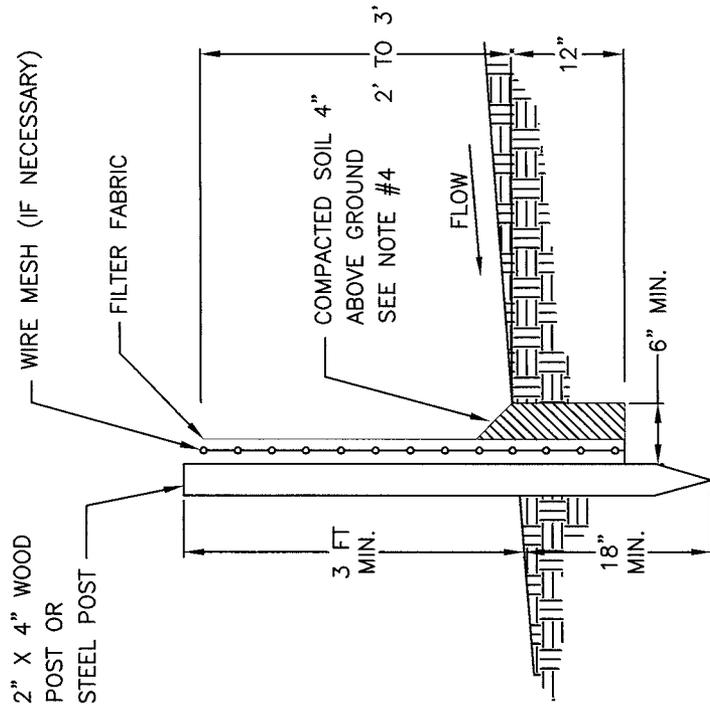
NOTES:

1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BANKETS SHALL HAVE GOOD SOIL CONTACT.
2. LAY BANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
3. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

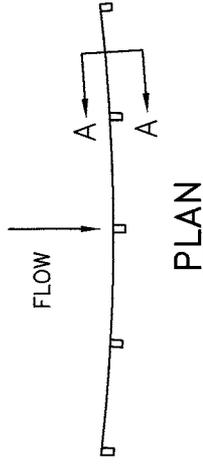
COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
EROSION CONTROL BLANKETS/MATS SLOPE INSTALLATION	SHEET # 2 OF 2
<i>James Walker</i> COUNTY ENGINEER No. C42401	DRAWING #: 11-4 NOT TO SCALE
<i>28 AUG. 08</i> APPROVAL DATE	



FRONT VIEW



SECTION A-A

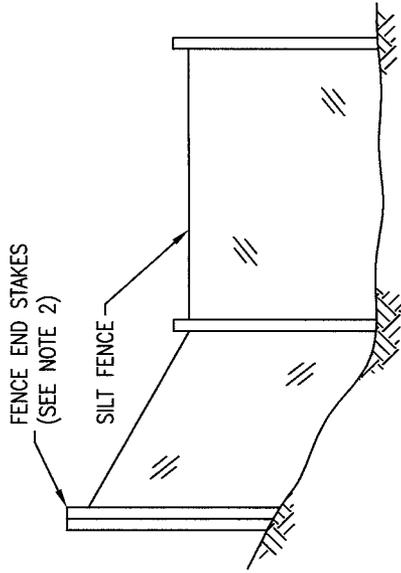


PLAN

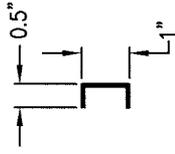
NOTES:

1. SILT FENCE SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH AND AS APPROVED BY THE COUNTY ENGINEER. THE MAXIMUM DISTANCE BETWEEN SILT FENCES SHALL BE 30 FEET X THE SLOPE EXPRESSED AS A RATIO.
2. FILTER FABRIC SHALL BE PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN WITH A MINIMUM TENSILE STRENGTH OF 50 LBS. PER LINEAR FOOT AT 20 PERCENT MAXIMUM ELONGATION AND CONTAINING ULTRAVIOLET INHIBITORS. FILTER FABRIC SHALL RETAIN A MINIMUM OF 85% OF THE SOIL, BY WEIGHT, BASED ON SIEVE ANALYSIS, BUT IS NOT FINER THAN AN EQUIVALENT OPENING SIZE OF 70. WHEN STANDARD STRENGTH FABRIC IS USED, A WIRE MESH SUPPORT SHALL BE SECURELY FASTENED TO THE UPSLOPE SIDE OF POSTS.
3. SUPPORT POSTS SHALL BE A MINIMUM 4.5 FEET LONG 2"x4" WOOD POSTS OR 'T' SECTION FENCE POSTS DRIVEN A MINIMUM OF 18" INTO THE GROUND. POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART. FABRIC SHALL BE SECURELY FASTENED TO TO POSTS WITH 1/2" STAPLES OR 16 GAUGE WIRE TIES SPACED A MAXIMUM OF 6" APART.
4. A 12" DEEP FABRIC TRENCH SHALL BE EXCAVATED ALONG THE UPHILL SIDE OF SILT FENCE POSTS. THE BOTTOM EDGE OF THE FABRIC SHALL EXTEND TO AND ACROSS THE BOTTOM OF THE TRENCH. THE TRENCH SHALL BE BACKFILLED TO 4" ABOVE GROUND AND COMPACTED TO BURY AND SECURE THE BOTTOM OF THE FILTER FABRIC.
5. CONTRACTOR SHALL MAKE INSPECTIONS WEEKLY DURING THE WET SEASON, MONTHLY DURING THE DRY SEASON AND IMMEDIATELY AFTER EACH RAINFALL TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL IS REQUIRED. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED ONE THIRD THE HEIGHT OF THE FILTER FABRIC.

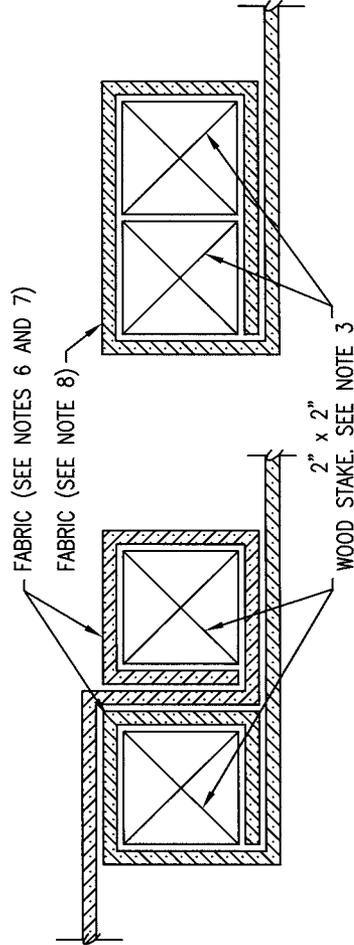
COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
SILT FENCE	SHEET # 1 OF 3
<i>Parsons</i> COUNTY ENGINEER No. C42401	DRAWING #: 11-5 NOT TO SCALE
<i>28 Aug-08</i> APPROVAL DATE	



FENCE END DETAIL



STAPLE DETAIL



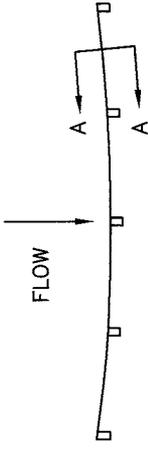
JOINT DETAIL

END STAKE DETAIL

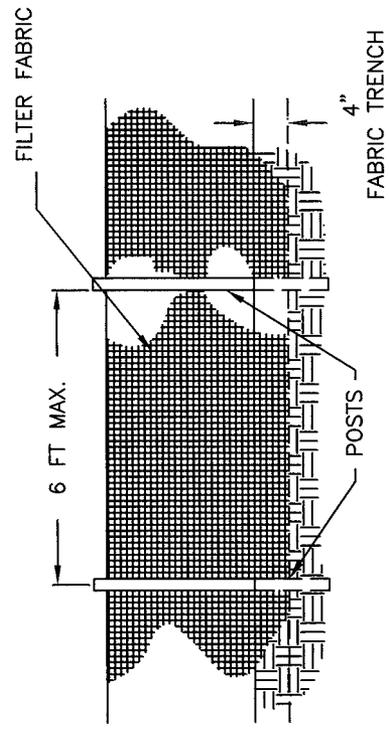
NOTES:

1. CONSTRUCT THE LENGTH OF EACH REACH SO THAT THE CHANGE IN BASE ELEVATION ALONG THE REACH DOES NOT EXCEED 1/3 OF THE HEIGHT OF THE LINEAR BARRIER. IN NO CASE SHALL THE REACH LENGTH EXCEED 500 FT.
2. THE LAST 8 FT OF FENCE SHALL BE TURNED UP SLOPE.
3. STAKE DIMENSIONS ARE NOMINAL.
4. DIMENSIONS MAY VARY TO FIT FIELD CONDITION.
5. STAKES SHALL BE SPACED AT 8 FT MAXIMUM AND SHALL BE POSITIONED ON THE DOWNSTREAM SIDE OF THE FENCE.
6. OVERLAP STAKES, AND FOLD FENCE FABRIC TO AROUND EACH STAKE ONE FULL TURN.
7. STAKES SHALL BE DRIVEN TIGHTLY TOGETHER TO PREVENT POTENTIAL FLOW THROUGH OF SEDIMENT AT THE JOINT.
8. FOR END STAKE CONDITION FOLD FENCE FABRIC AROUND TWO (2) STAKES ONE (1) FULL TURN AND SECURE WITH (4) STAPLES.
9. MINIMUM (4) STAPLES PER STAKE.
10. CROSS BARRIERS SHALL BE A MINIMUM OF 1/3 AND A MAXIMUM OF 1/2 THE HEIGHT OF THE LINEAR BARRIER.

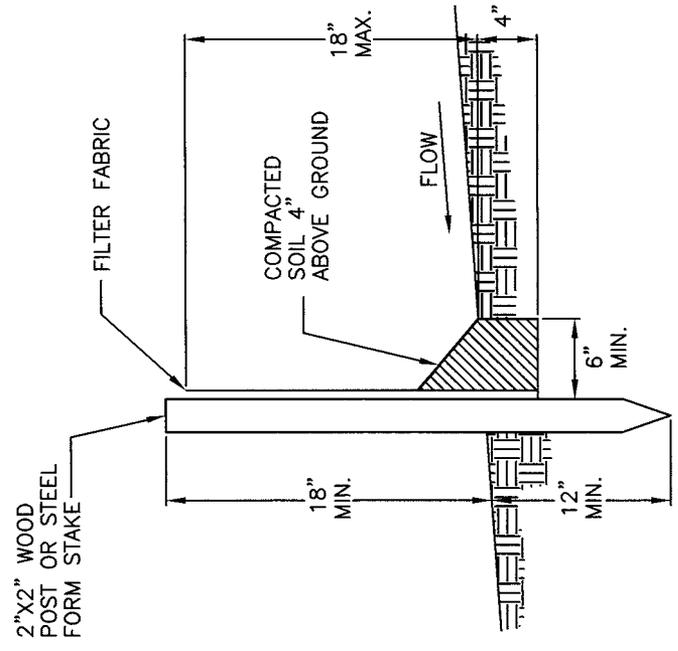
COUNTY OF YOLO	DATE: 08/05/08
PLANNING AND PUBLIC WORKS DEPARTMENT	SHEET # 2 OF 3
SILT FENCE DETAIL	DRAWING #: 11-5 NOT TO SCALE
<i>James Volker</i> COUNTY ENGINEER No. C42401	APPROVAL DATE 28MAY.08



PLAN



FRONT VIEW

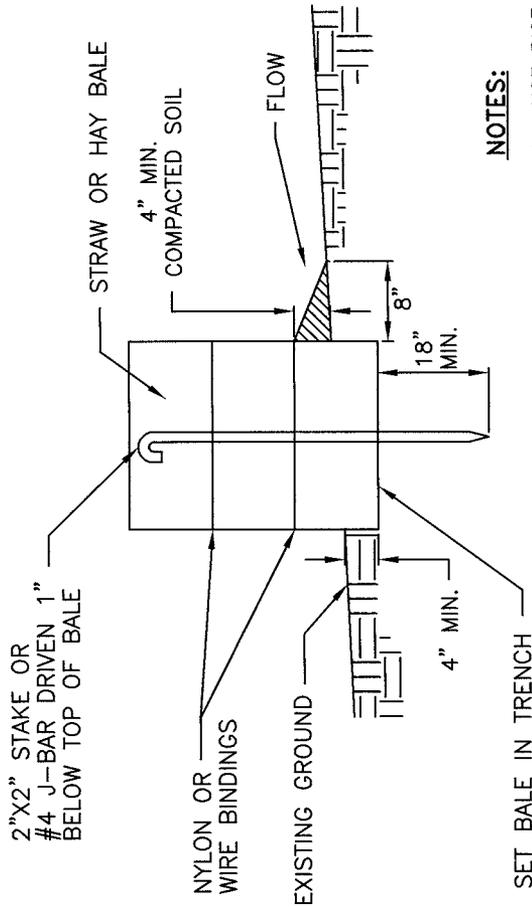


SECTION A-A

NOTES:

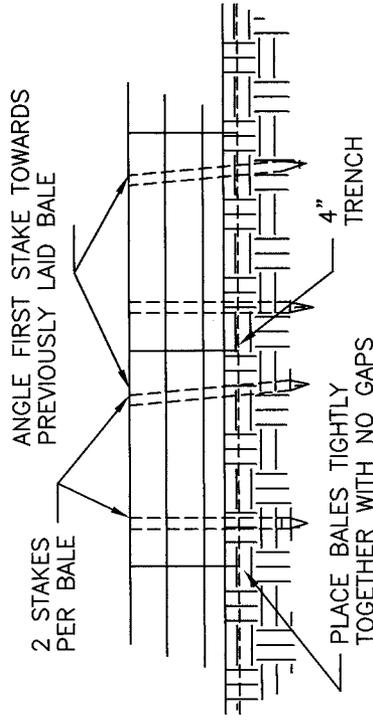
1. FILTER BARRIER SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH AND AS APPROVED BY THE ADMINISTRATOR. THE MAXIMUM DISTANCE BETWEEN FILTER BARRIERS SHALL BE 15 FT X THE SLOPE EXPRESSED AS A RATIO.
2. FILTER FABRIC SHALL BE PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN WITH A MINIMUM TENSILE STRENGTH OF 50 LBS. PER LINEAR FOOT AT 20 PERCENT MAXIMUM ELONGATION AND CONTAINING ULTRAVIOLET INHIBITORS. FILTER FABRIC SHALL RETAIN A MINIMUM OF 85% OF THE SOIL, BY WEIGHT, BASED ON SIEVE ANALYSIS, BUT IS NOT FINER THAN AN EQUIVALENT OPENING SIZE OF 70.
3. SUPPORT POSTS SHALL BE A MINIMUM 30" LONG 2"x2" WOOD POSTS OR STEEL FORM STAKES DRIVEN A MINIMUM OF 12" INTO THE GROUND. POSTS SHALL BE SPACED A MAXIMUM OF 6 FT APART. FABRIC SHALL BE SECURELY FASTENED TO POSTS WITH 0.5" STAPLES OR 16 GAUGE WIRE TIES SPACED A MAXIMUM OF 6" APART.
4. A 4" DEEP FABRIC TRENCH SHALL BE EXCAVATED ALONG THE UPHILL SIDE OF FILTER BARRIER POSTS. THE BOTTOM EDGE OF THE FABRIC SHALL EXTEND TO AND ACROSS THE BOTTOM OF THE TRENCH. THE TRENCH SHALL BE BACKFILLED TO 4" ABOVE GROUND AND COMPACTED TO BURY AND SECURE THE BOTTOM OF THE FILTER FABRIC.
5. CONTRACTOR SHALL MAKE INSPECTIONS WEEKLY DURING THE WET SEASON, BEFORE AND IMMEDIATELY AFTER EACH RAINFALL EVENT, AND MONTHLY DURING THE DRY SEASON TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL ARE REQUIRED. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED ONE THIRD (1/3) THE HEIGHT OF THE FILTER FABRIC.

COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT		DATE: 08/05/08
FILTER BARRIERS		SHEET # 3 OF 3
<i>James Walker</i> COUNTY ENGINEER No. C42401		DRAWING #: 11-5 NOT TO SCALE
APPROVAL DATE <i>28 Aug. 08</i>		



SECTION A-A

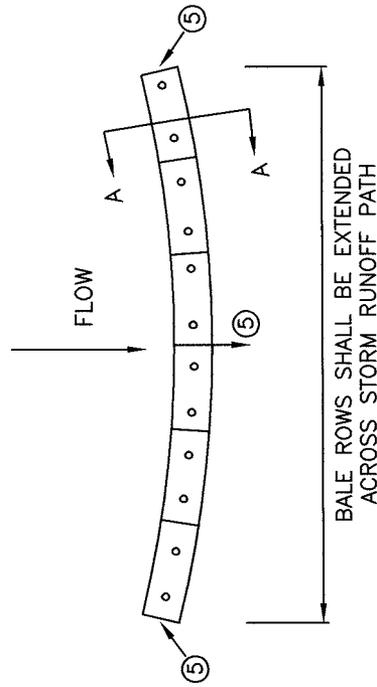
SET BALE IN TRENCH



FRONT VIEW

NOTES:

1. USE RICE/STRAW BALE BARRIERS TO DECREASE THE VELOCITY OF LOW-TO-MODERATE LEVEL CHANNEL FLOWS. DO NOT PLACE ACROSS STREAMS, DITCHES, OR WHERE FLOWS ARE CONCENTRATED. THE DRAINAGE AREA MUST BE RESTRICTED AND THE BARRIER LOCATED SO THAT THE WATER DEPTH DOES NOT EXCEED 1 FOOT AT ANY POINT.
2. PLACE BALES IN 4" DEEP TRENCH ALONG THE CONTOUR OF THE SLOPE IN THE SHAPE OF THE AN ARC WITH THE ENDS UPHILL OF THE ARC'S CENTER. BALES SHALL BE PLACED SO THAT BINDINGS ARE HORIZONTAL. MAXIMUM SPACING BETWEEN ROWS SHALL BE 30 FEET x THE SLOPE STEEPNESS EXPRESSED AS A RATIO.
3. BALES SHALL BE ANCHORED BY TWO 2"x2" STAKES OR #4 J-BAR DRIVEN THROUGH THE BALE AND INTO THE GROUND A MINIMUM DEPTH OF 18". STAKES OR J-BARS SHALL BE DRIVEN 1" OR MORE BELOW THE TOP OF THE BALE. THE FIRST STAKE OR J-BAR IN EACH BALE SHALL BE DRIVEN AT AN ANGLE TOWARDS THE PREVIOUSLY LAID BALE TO FORCE THE BALES TIGHTLY TOGETHER.
4. AFTER BALES ARE STAKED IN PLACE, EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE UPHILL SIDE TO A MINIMUM HEIGHT OF 4".
5. CONTRACTOR SHALL INSPECT BALES WEEKLY, BEFORE AND AFTER EACH RAIN EVENT. REPAIRS SHALL BE MADE AS NECESSARY AND SEDIMENT SHALL BE REMOVED WHEN IT HAS ACCUMULATED TO A DEPTH OF 6". SEDIMENT SHALL BE DISPOSED OF PROPERLY. BALES SHALL BE REPLACED WHEN THEY HAVE BEEN DAMAGED, COLLAPSED OR DECOMPOSED.
6. USE STRAW BALE BARRIERS TO PROVIDE EROSION PROTECTION AT OVERFLOW POINTS. STRAW BALE BARRIERS ARE TO PROVIDE BACK-UP PROTECTION, NOT AS FIRST LINE OF DEFENSE.



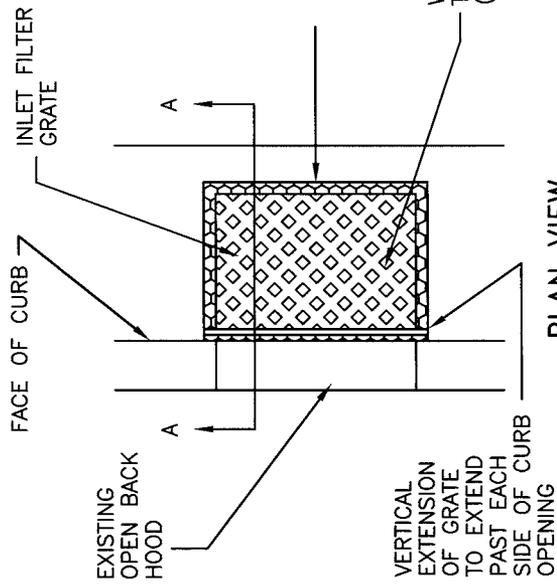
BALE ROWS SHALL BE EXTENDED ACROSS STORM RUNOFF PATH

STRAW BALE ALIGNMENT

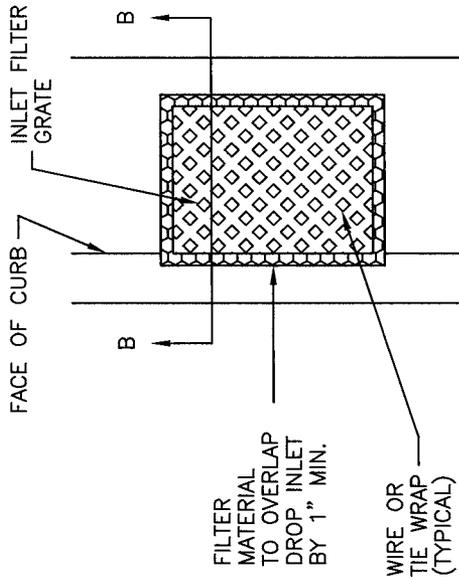
COUNTY OF YOLO		DATE: 08/05/08
PLANNING AND PUBLIC WORKS DEPARTMENT		SHEET # 1 OF 1
STRAW BALE BARRIER		DRAWING #: 11-6
<i>Carol Kalkes</i> COUNTY ENGINEER No. C42401		APPROVAL DATE: 28 Aug. 08 NOT TO SCALE

PLACEMENT AT TYPE B AND E DROP INLETS

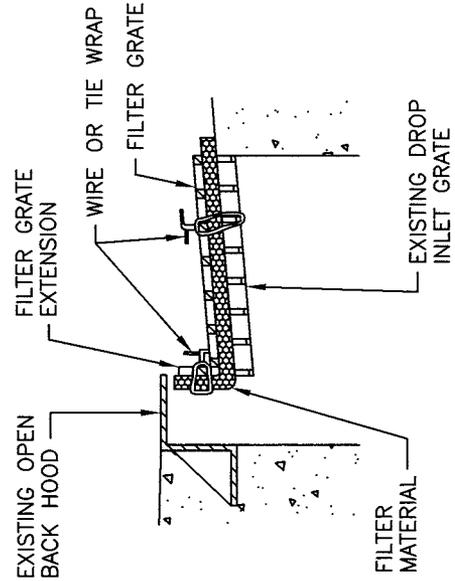
PLACEMENT AT TYPE A, C, D AND F DROP INLETS AND PARKING LOTS



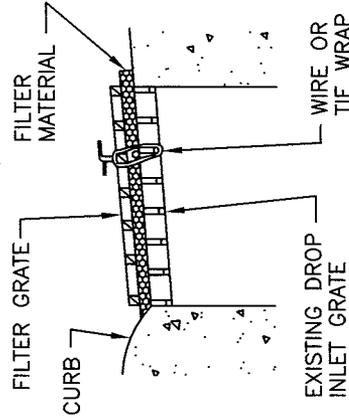
PLAN VIEW



PLAN VIEW



SECTION A-A



SECTION B-B

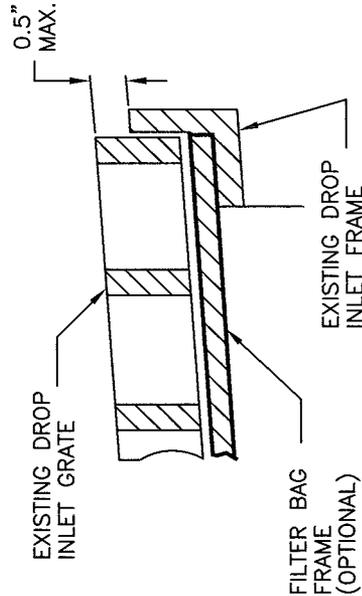
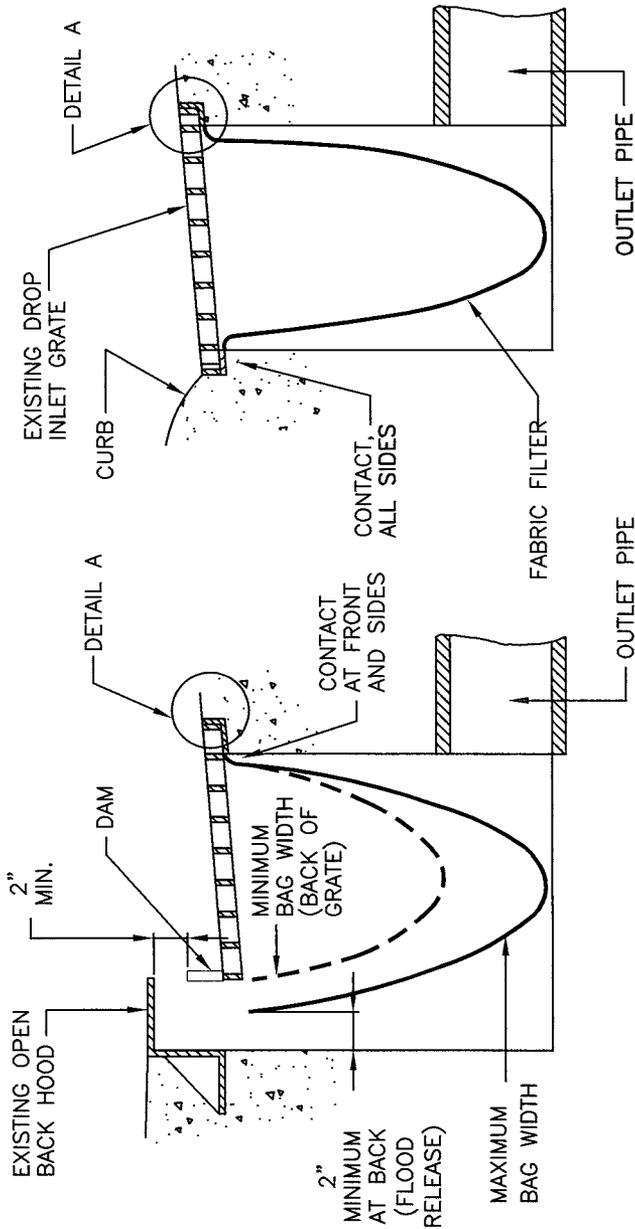
NOTES:

1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN 2 ACRES.
2. THE FILTER PAD SHALL BE 1" THICK CLEANABLE POLYESTER FIBER AND ACRYLIC LATEX RESIN OR APPROVED EQUIVALENT. THE FILTER PAD SHALL OVERLAP DROP INLET ON ALL SIDES BY A MINIMUM OF 1".
3. THE FILTER GRATE SHALL BE MADE OF EXPANDED METAL OR REBAR AND BE OF SUFFICIENT STRENGTH TO PREVENT BENDING WHEN DRIVEN OVER. GRATE MATERIAL SHALL NOT EXCEED 0.5" THICK. THE GRATE SHALL HAVE A MINIMUM 60% OPEN AREA. GRATES USED AT TYPE B AND E INLETS SHALL HAVE A VERTICAL EXTENSION TO COVER THE CURB OPENING. THE FILTER GRATE SHALL BE THE SAME SIZE AS THE DROP INLET GRATE.
4. THE FILTER PAD AND GRATE SHALL BE SECURELY ATTACHED TO THE DROP INLET BY WIRE OR TIE-WRAPPS.
5. INLET FILTERS SHALL BE INSPECTED WEEKLY, BEFORE AND AFTER EACH RAINFALL EVENT. REPAIRS SHALL BE MADE AS NEEDED. SEDIMENT AND DEBRIS SHALL BE REMOVED AND DISPOSED OF PROPERLY.

COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
STORM DRAIN INLET FILTER	SHEET # 1 OF 3
COUNTY ENGINEER No. C42401 <i>James Hollas</i>	DRAWING #: 11-7 APPROVAL DATE: 28 AUG. 08 NOT TO SCALE

PLACEMENT AT TYPE B AND E DROP INLETS

PLACEMENT AT TYPE A, C, D AND F DROP INLETS AND PARKING LOTS



DETAIL A

NOTES:

1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN 2 ACRES.
2. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAL FOOT, AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS / MINUTE / SQ FT.
3. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY THE EXISTING INLET GRATE (OR OTHER APPROVED METHOD), PROVIDING NO MODIFICATION OR DAMAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 0.5" ABOVE THE INLET FRAME (SEE DETAIL A).
4. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
5. FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR ITS FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET, EXCEPT AS SHOWN FOR FLOOD RELEASE.
6. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.
7. AN APPROVED ALTERNATIVE ARE THE "GRATE MATES". THESE ARE PROVIDED WITH SLOTS THAT POLES CAN BE INSERTED FOR LIFTING OUT THE FILTER BAGS.

COUNTY OF YOLO
PLANNING AND PUBLIC WORKS DEPARTMENT

STORM DRAIN INLET FILTER BAG

DATE: 08/05/08

SHEET # 2 OF 3

APPROVAL DATE
James Kallas 28 AUG 08
COUNTY ENGINEER No. C42401

DRAWING #:
11-7
NOT TO SCALE

GRAVEL BAG(S) OR OTHER ACCEPTED SEDIMENT CONTROL BMPs. PLACE BAGS TIGHT AGAINST FACE OF CURB.

BACK OF CURB

FACE OF CURB

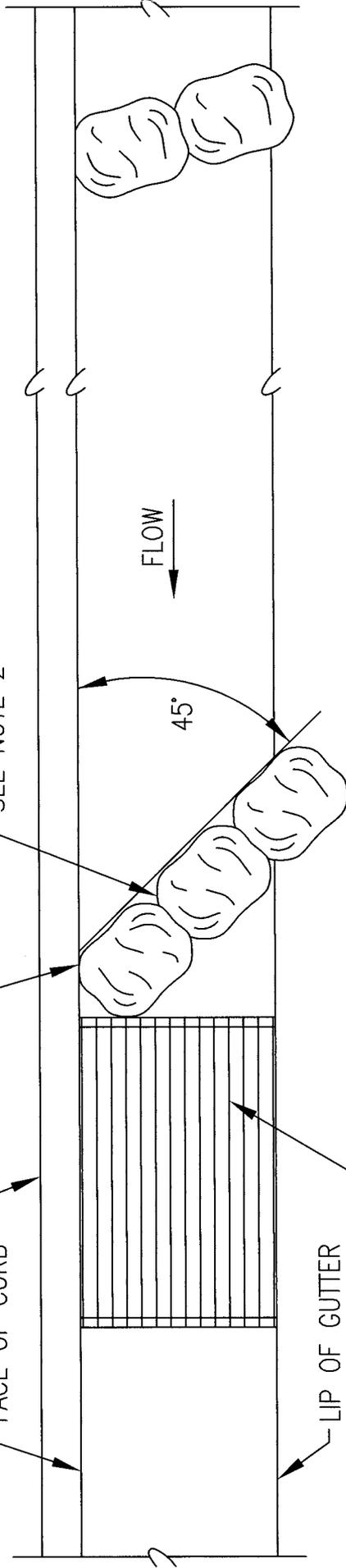
LIP OF GUTTER

DRAINAGE INLET WITH FILTER BAG OR INLET FILTER

SEE NOTE 2

FLOW

45°

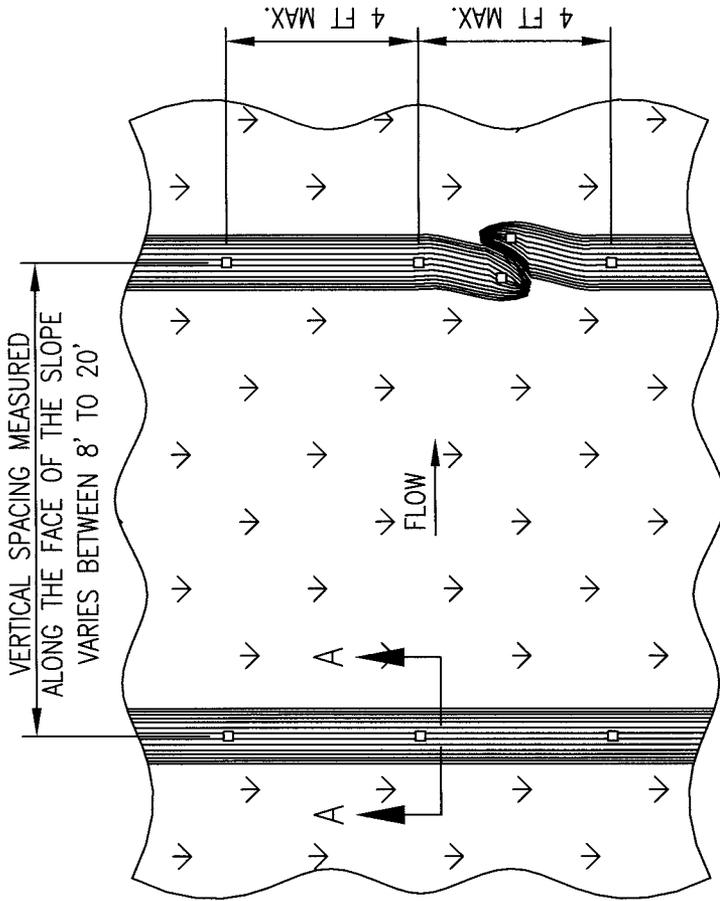


PLAN VIEW

NOTES:

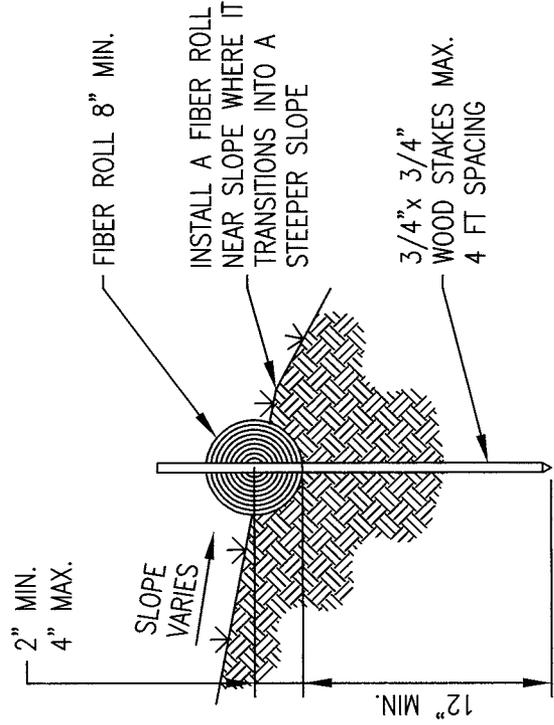
1. SEDIMENT TRAPPED UPSTREAM OF SEDIMENT CONTROL BMPs SHALL BE REMOVED WEEKLY, PRIOR TO AND AFTER A RAINFALL EVENT.
2. PLACE BMPs TIGHTLY TOGETHER AT JOINTS TO PREVENT OR MINIMIZE SEEPAGE AT JOINTS.
3. REPAIR WASHOUTS AND OTHER DAMAGE AS NEEDED.
4. REMOVE BARRIER WHEN NO LONGER NEEDED.

COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
INLET SEDIMENT CONTROL	SHEET # 3 OF 3
<i>James Kallas</i> COUNTY ENGINEER No. C42401	DRAWING #: 11--7 NOT TO SCALE
<i>28 AUG-08</i> APPROVAL DATE	

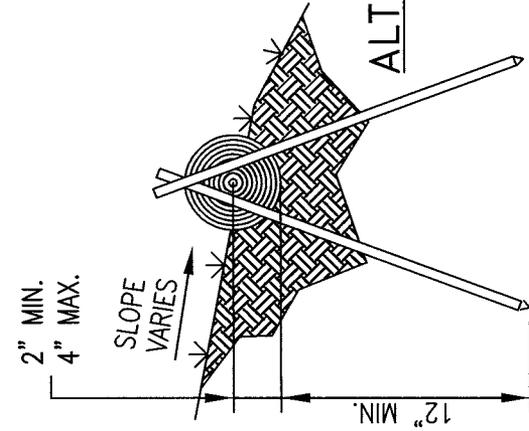


TYPICAL FIBER ROLL INSTALLATION

- NOTES:**
1. INSTALL FIBER ROLLS IN A ROW ALONG A LEVEL CONTOUR.
 2. AT ENDS OF A ROW TURN THE LAST TWO FEET UP SLOPE SLIGHTLY.
 3. FIBER ROLLS SHALL BE OVERLAPPED TIGHTLY AND STAKED AT THE JOINTS.
 4. FIBER ROLLS WORK BEST IN CONJUNCTION WITH GOOD EROSION CONTROL BMPs.
 5. INSPECT FIBER ROLLS WEEKLY, BEFORE AND AFTER A RAINFALL EVENT. REPAIR AND REPLACE AS NEEDED.

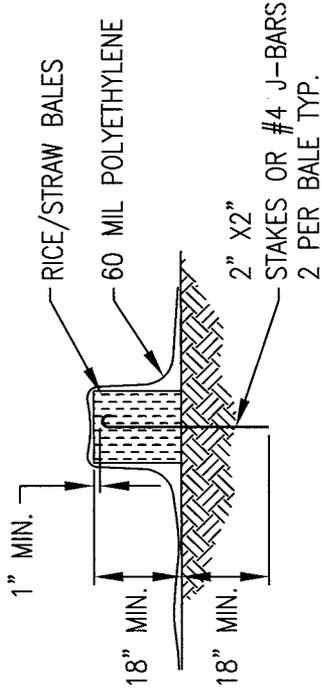
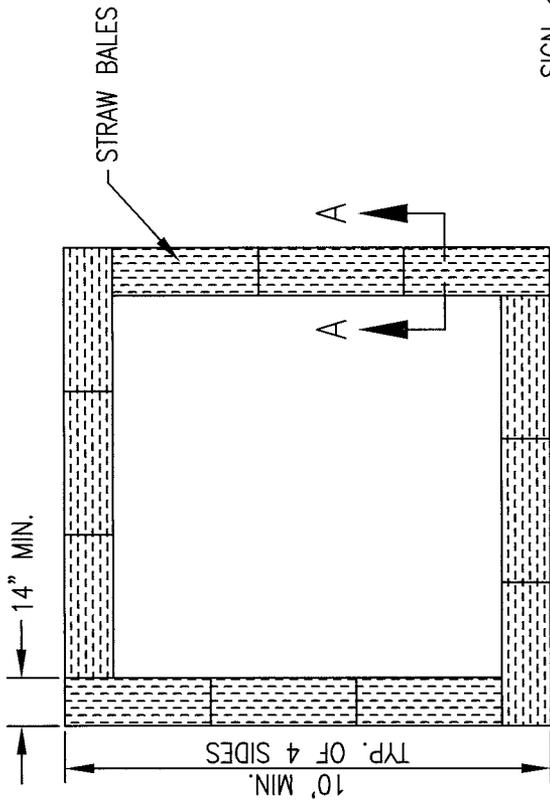


SECTION A - A

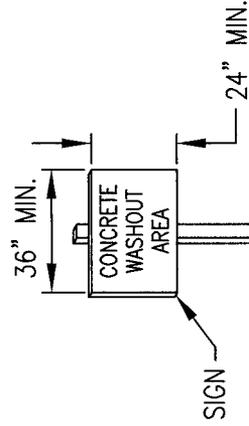


ALTERNATE STAKING DETAIL

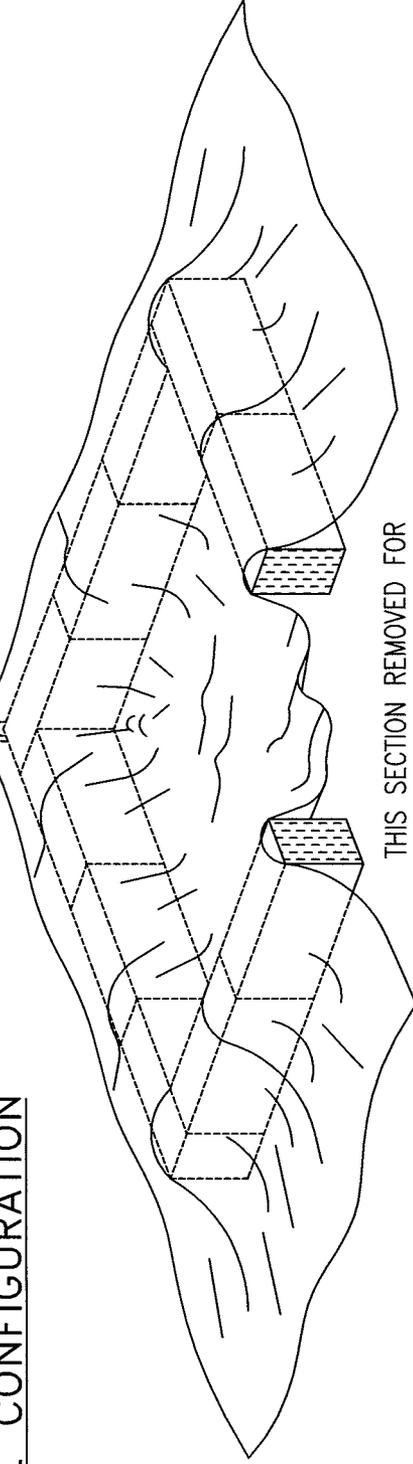
COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
FIBER ROLLS	SHEET # 1 OF 1
<i>Pamela Kellard</i> COUNTY ENGINEER No. C42401	DRAWING #: 11-8 NOT TO SCALE
28 Aug. 08	APPROVAL DATE



SECTION A - A



BALE CONFIGURATION

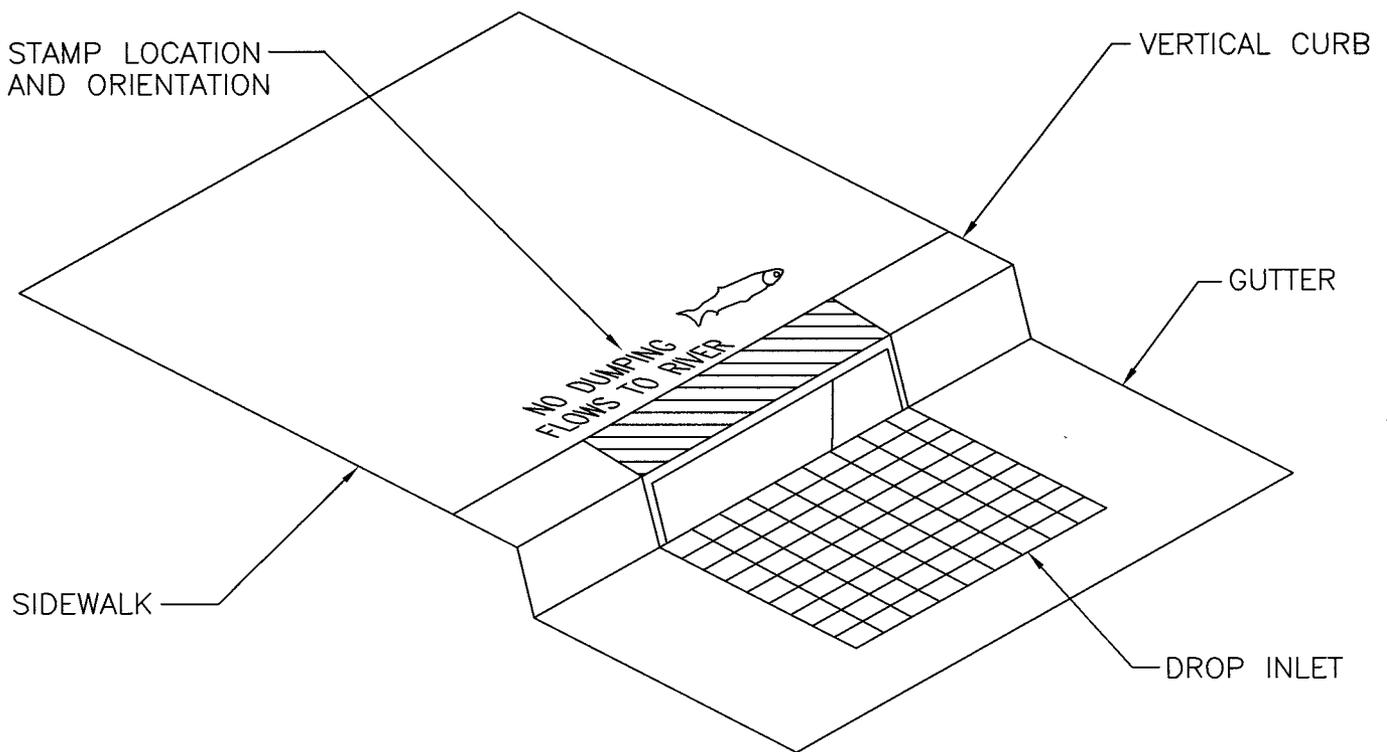


THIS SECTION REMOVED FOR GRAPHICAL REPRESENTATION ONLY. STRAW BALE PERIMETER SHALL BE CONTINUOUS.

NOTES:

1. FACE SIGN TOWARD NEAREST STREET OR ACCESS POINT.
2. CONCRETE WASHOUT SHALL BE LOCATED BEHIND THE CURB AND 50 FEET MINIMUM FROM DRAINAGE INLETS OR WATERCOURSES.
3. CONCRETE WASHOUT SHALL BE INSPECTED AND MAINTAINED TO PREVENT LEAKS OR OVERFLOWS.
4. WASHOUT MUST BE CLEANED, OR NEW ONE BUILT ONCE IT REACHES 75% CAPACITY.

COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
CONCRETE WASHOUT	SHEET # 1 OF 1
<i>Pamela Rolles</i> COUNTY ENGINEER No. C42401	DRAWING #: 11-9 NOT TO SCALE
APPROVAL DATE 28 AUG. 08	

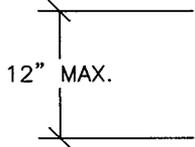
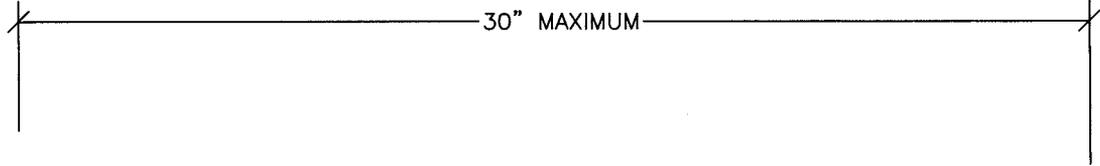


NOTES:

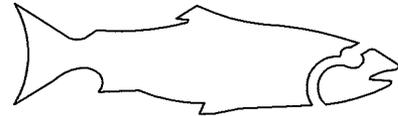
1. MESSAGE AND SYMBOL SHALL BE AS SHOWN ON DRAWING 11-10 SHEET 2 OR AS APPROVED BY THE COUNTY ENGINEER.
2. LETTERS SHALL BE 1.5 " IN HEIGHT. THE MESSAGE SHALL BE CENTERED ON THE BACK OF THE INLET.
3. CONCRETE SHALL BE STAMPED IN SUCH A WAY AS TO PROVIDE FOR A CLEAR AND LEGIBLE IMAGE. (APPROXIMATE DEPTH OF 1/4")
4. ALL STAMPS SHALL BE APPROVED BY THE DIRECTOR BEFORE BEING USED.
5. STAMP MAY BE PERMANENTLY CAST INTO CAST IRON FRAME OR PRE-CAST CONCRETE PORTIONS OF INLET.
6. WHERE RETROFITTING IS REQUIRED, AN EPOXIED PLACARD BEARING THE MESSAGE AND SYMBOL APPROVED BY THE COUNTY ENGINEER SHALL BE PERMANENTLY AFFIXED ON THE TOP OF THE ADJACENT CURB.

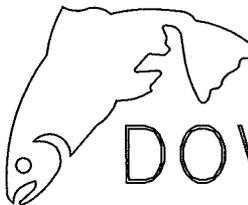
COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
STORMWATER QUALITY DROP INLET CONCRETE STAMP	SHEET # 1 OF 2
<i>Parrish Kalkas</i> COUNTY ENGINEER No. C42401	DRAWING #: 11-10 NOT TO SCALE
28 AUG. 08 APPROVAL DATE	

STAMP MESSAGES AND SYMBOLS



**NO DUMPING!
FLOWS TO CREEK**



NO DUMPING  I LIVE
DOWNSTREAM

NO DUMPING!
FLOWS TO RIVER



NOTE:

1. DIMENSIONS MAY VARY AMONG THE STAMP DESIGNS SHOWN BELOW, BUT SHALL NOT EXCEED THE MAXIMUM DIMENSIONS.

COUNTY OF YOLO PLANNING AND PUBLIC WORKS DEPARTMENT	DATE: 08/05/08
DROP INLET STAMP MESSAGES AND SYMBOLS	SHEET # 2 OF 2
 COUNTY ENGINEER No. C42401	28 AUG. 08 APPROVAL DATE
DRAWING #: 11-10 NOT TO SCALE	