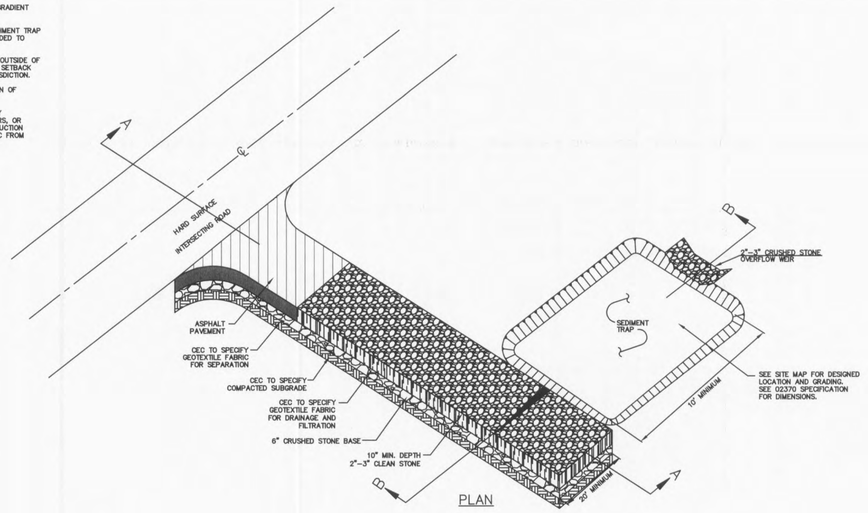
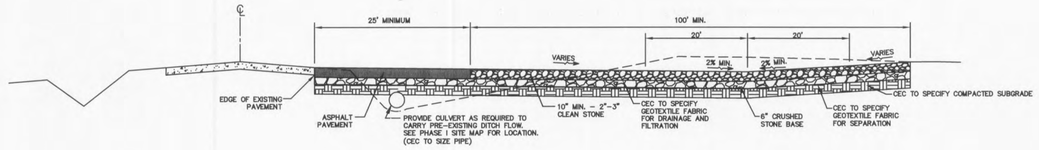
NOTES:

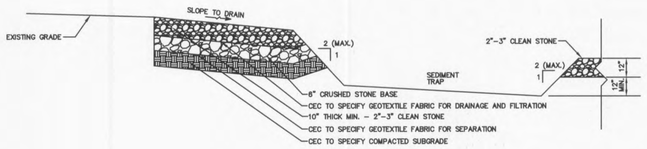
1. PROVIDE SEDIMENT TRAP ON DOWN GRADIENT SIDE (OR BOTH SIDES) AS REQUIRED.
2. FLUSH SURFACE STONE TOWARD SEDIMENT TRAP WITH HIGH VOLUME WATER FLOW AS NEEDED TO MAINTAIN CLEAN SURFACE STONE.
3. SEDIMENT TRAP SHALL BE LOCATED OUTSIDE OF THE RIGHT-OF-WAY AND AT A MINIMUM SETBACK DISTANCE AS REQUIRED PER LOCAL JURISDICTION.
4. SEE SWPPP SITE MAPS FOR LOCATION OF SEDIMENT TRAP(S).
5. CONTRACTOR TO LOCATE TEMPORARY CONSTRUCTION FENCING, JERSEY BARRIERS, OR BOTH ALONG THE SIDES OF THE CONSTRUCTION EXIT TO PREVENT CONSTRUCTION TRAFFIC FROM SHORT CIRCUITING/BYPASSING THE EXIT.



PLAN



SECTION A–A



SECTION B–B

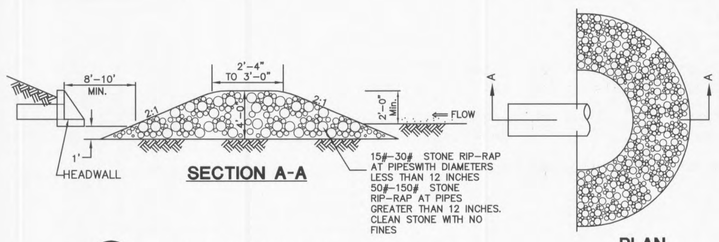
EXCAVATED SEDIMENT TRAP IS NOT REQUIRED IF CONSTRUCTION ENTRANCE IS LOCATED IN AN EXISTING PAVED AREA

CONSTRUCTION EXIT (CoA)
N.T.S.

(WAL-MART DETAIL MODIFIED BY W&A)

85A

DTCONSTE | 11/02/07

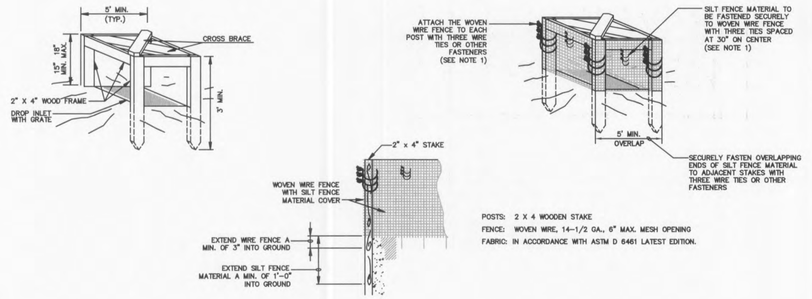


SECTION A-A

PLAN

Fr **RIP-RAP FILTER RING**
NO SCALE

(W&A DETAIL)

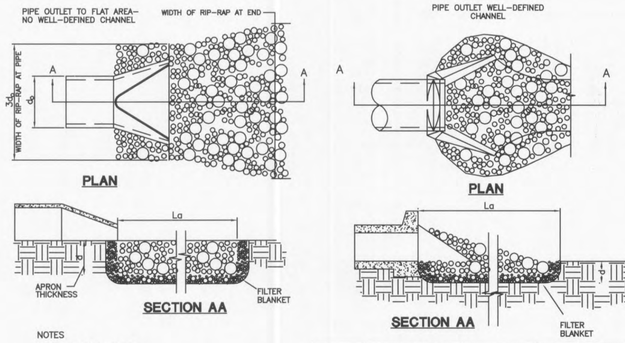


POSTS: 2 X 4 WOODEN STAKE
FENCE: WOVEN WIRE, 14-1/2 GA., 6" MAX. MESH OPENING
FABRIC: IN ACCORDANCE WITH ASTM D 6461 LATEST EDITION.

1. ATTACH THE WOVEN WIRE FENCE TO EACH POST AND THE GEOTEXTILE TO THE WOVEN WIRE FENCE (SPACED EVERY 30") WITH THREE WIRE TIES OR OTHER FASTENERS. ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART.
2. WHEN TWO SECTIONS OF SILT FENCE MATERIAL ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED ACROSS TWO POSTS.
3. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE SWPPP. DEPTH OF ACCUMULATED SEDIMENTS MAY NOT EXCEED ONE-HALF THE HEIGHT OF THE FABRIC. MAINTENANCE CLEANOUT MUST BE CONDUCTED REGULARLY TO PREVENT ACCUMULATED SEDIMENTS FROM REACHING ONE-HALF THE HEIGHT OF THE SILT FENCE MATERIAL ABOVE GRADE.
4. ALL SILT FENCE INLETS SHALL INCLUDE WIRE SUPPORT.

SILT FENCE INLET PROTECTION (Sd2E)
N.T.S.

11/02/07 | SF INLET



NOTES

1. La IS THE LENGTH OF THE RIPRAP APRON
2. d=1.5 TIMES THE MAX. STONE DIA. BUT NOT LESS THAN 6" FOR APRON THICKNESS
3. IN A WELL–DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 8" ABOVE THE MAX. TAILWATER DEPTH OR TO THE BANK, WHICHEVER IS LESS
4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION

RIP–RAP N.S.A.[1] NO.	SIZE INCHES (SQ. OPENING) MAX.	AVG.[2]	MIN.	FILTER STONE N.S.A.[1] NO.	SIZE INCHES (SQ. OPENING) MAX.	AVG.[2]	MIN.[3]
R–3	6	3	2	FS–2	2	#4	#100 MESH
R–4	12	6	3				
R–5	18	9	5				

1. NATIONAL STONE ASSOCIATION
2. AT LEAST 50% OF THE INDIVIDUAL STONE PARTICLES MUST BE EQUAL OR LARGER THAN THIS LISTED SIZE
3. 85–100% OF THE INDIVIDUAL STONE PARTICLES MAY BE LESS THAN LISTED SIZE

REFER TO RIP RAP CHART ON PLAN FOR DIMENTIONS AND STONE SIZE FOR EACH RIP RAP LOCATION

GRADATION OF RIP-RAP ROCK

NSA NUMBER	SIZE IN INCHES d MAX. (inches)	AVG. (1) d_{50} (inches)	MIN. (2) (inches)	MIN. APRON THICKNESS (inches)	FILTER STONE N.S.A. # (3)
R–1	1.50"	0.75"	(NO. 8)	2.25"	FS–1
R–2	3"	1.50"	1"	4.5"	FS–1
R–3	6"	3"	2"	9"	FS–2
R–4	12"	6"	3"	18"	FS–2
R–5	18"	9"	5"	27"	FS–2
R–6	24"	12"	7"	36"	FS–3
R–7	30"	15"	12"	45"	FS–3
R–8	48"	24"	15"	72"	FS–3

(1) "AVERAGE SIZE" IS THAT SIZE EXCEEDED BY AT LEAST 50% OF THE TOTAL WEIGHT OF THE TONNAGE SHIPPED; L_a, 50% OF THE TONNAGE SHALL CONSIST OF PIECES LARGER THAN THE "AVERAGE" SIZE (NORMALLY HALF THE SPECIFIED NOMINAL TOP SIZE).
(2) PIECES SMALLER THAN THE MINIMUM SIZE SHOWN SHALL NOT EXCEED 15% OF THE TONNAGE SHIPPED.
(3) NATIONAL STONE ASSOCIATION

FILTER BEDDING STONE

N.S.A. #(1)	SIZE IN INCHES (SQ. OPENING) MAX.	AVG (2)	MIN. (3)
FS–1	3/8"	#30 MESH	#100 MESH
FS–2	2.0"	#4	#100 MESH
FS–3	6.5"	2.5"	#16

1) NATIONAL STONE ASSOCIATION
2) AT LEAST 50% OF THE INDIVIDUAL STONE PARTICLES MUST BE EQUAL OR LARGER THAN THIS LISTED SIZE
3) 85–100% OF THE INDIVIDUAL STONE PARTICLES MAY BE LESS THAN LISTED SIZE

St **STORM DRAIN OUTLET PROTECTION DETAIL** C026
NO SCALE

(W&A DETAIL)

EROSION CONTROL DETAILS SHOWN ON THIS SHEET ARE WAL-MART STANDARD DETAILS EXCEPT WHERE NOTED.

PLANNING AND DEV. DEPT. FILE NO.: 00-109.02
DATE OF PLANNING APPROVAL: 09/06/2007

EROSION, SEDIMENTATION, AND POLLUTION CONTROL DETAILS

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STATE OF MISSOURI
DAVID MARK WOOLRIDGE
NUMBER PE-2003021199
PROFESSIONAL ENGINEER
5-30-2008

PROPOSED EXPANSION TO WAL-MART #2616-04
O'FALLON POINTE CENTRE
O'FALLON, MISSOURI 63366
BY: WAL-MART REAL ESTATE BUSINESS TRUST
BENTONVILLE, AR.

REVISIONS	BY

DRAWN BY: CER
CHECKED BY: DMW
DATE: 05/30/2008
SCALE: NOT TO SCALE
JOB No.: 06-107
SHEET NUMBER: DE-4B
EDDS : 6181

06–107–DET SHEETS.DWG

Z: Site Dept\06\06-107\06-107-DET SHEETS.dwg