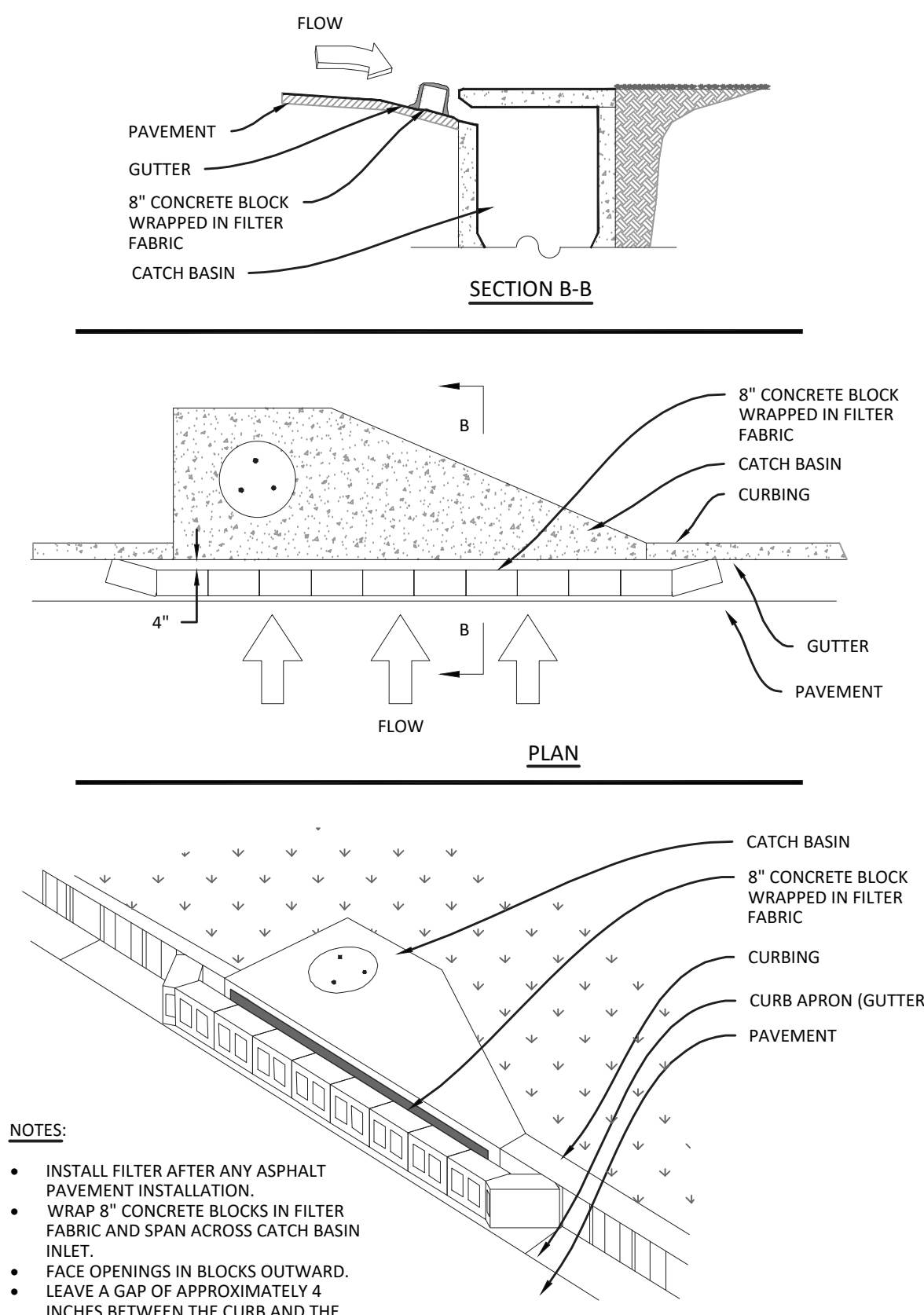


- NOTE:**
- ALL ON-SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.
 - ALL CONTAINERS/TANKS SHALL BE REGULARLY INSPECTED FOR CRACKS OR LEAKAGE.
 - EXCAVATE 10'x20' PIT TO A MINIMUM OF 1.5' DEEP.
 - FILL EXCAVATION WITH 6" - 8" OF STONE MEETING THE SPECIFICATION OF NATIONAL STONE ASSOCIATION (N.S.A) TYPE R-3 (MAXIMUM Ø = 6" AND AVERAGE Ø = 3").

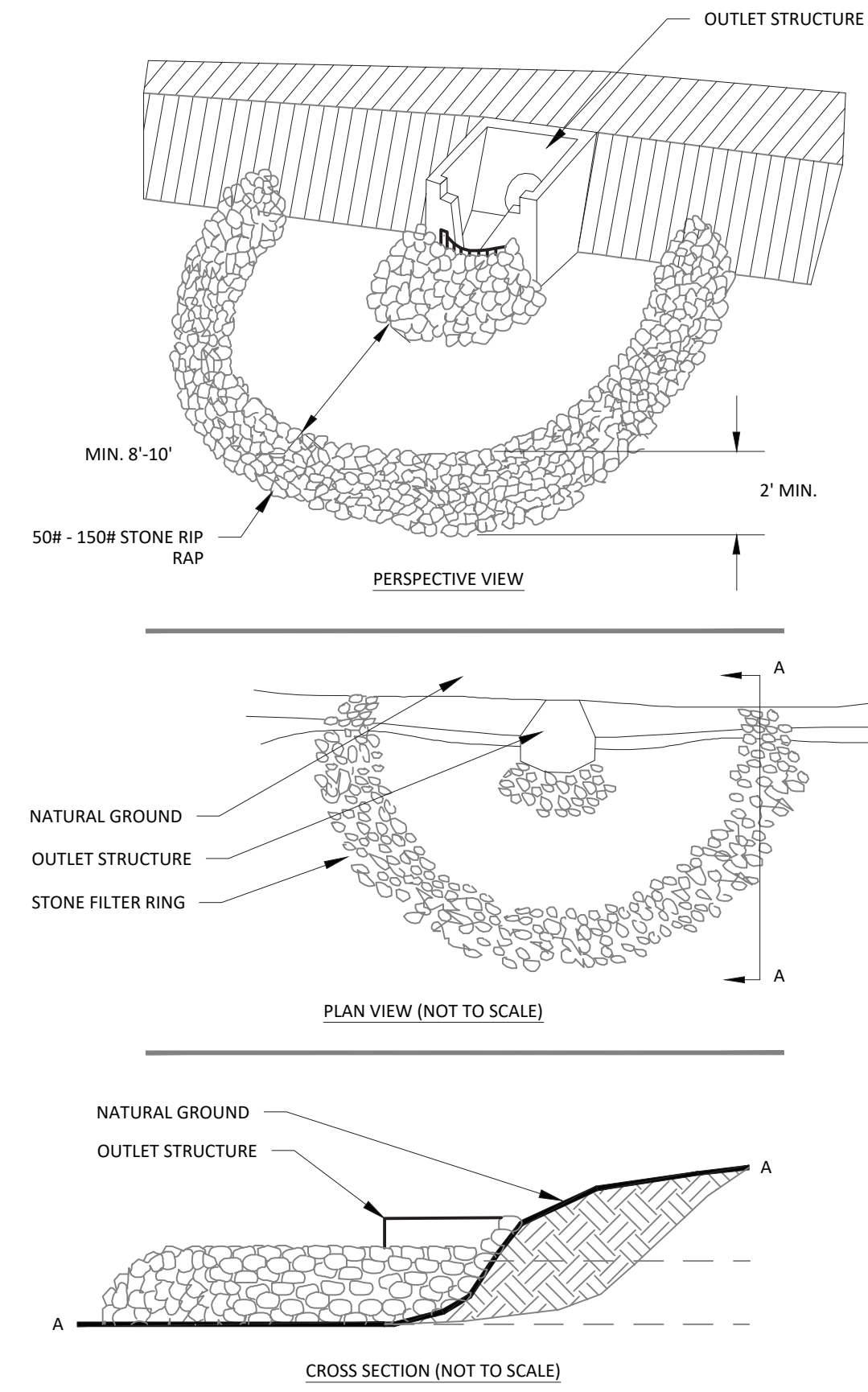
PETROLEUM LEAK REMEDIATION BMP



NOTES:

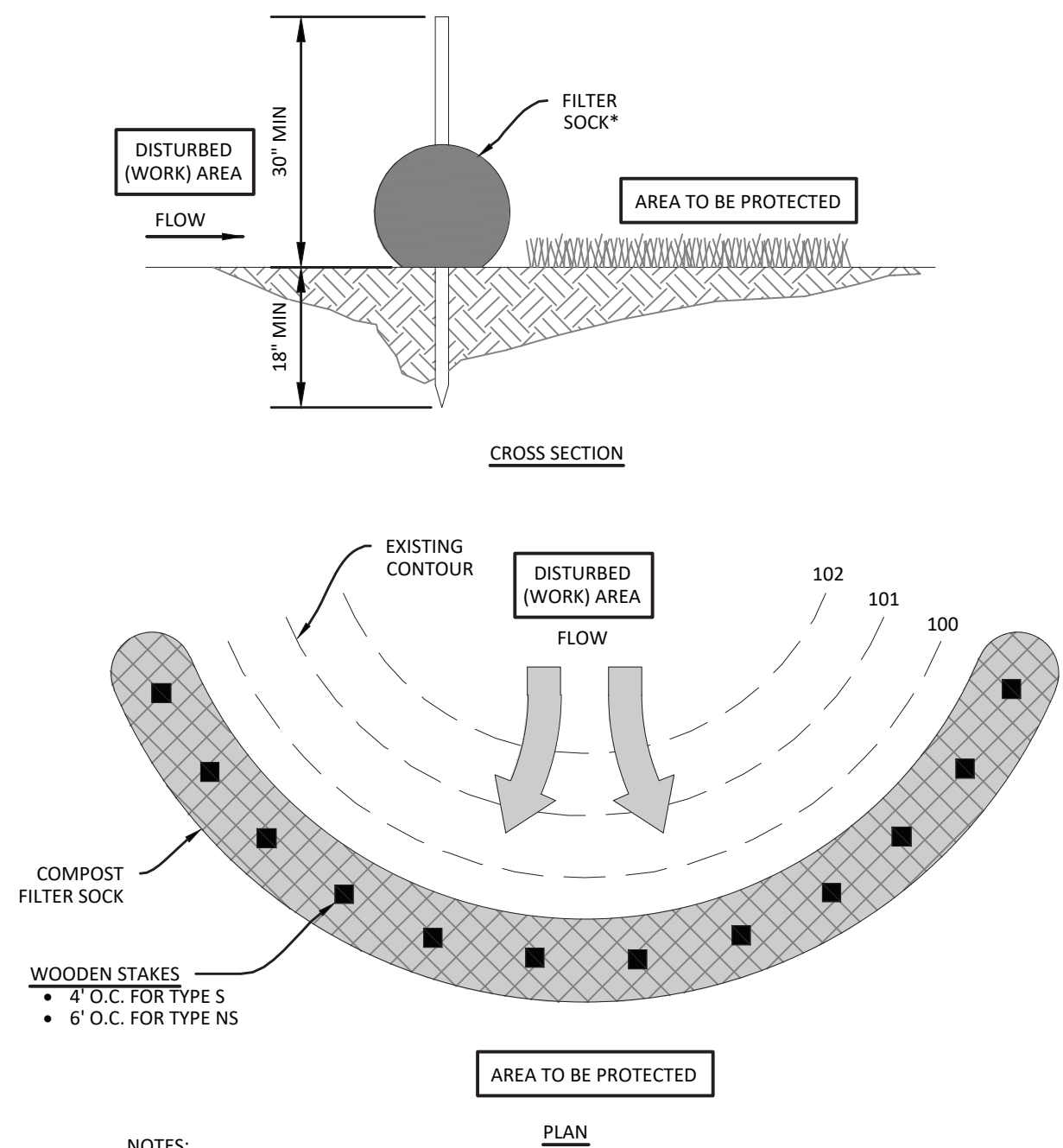
- INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION.
- WRAP 8" CONCRETE BLOCKS IN FILTER FABRIC AND SPAN ACROSS CATCH BASIN INLET.
- FACE OPENINGS IN BLOCKS OUTWARD.
- LEAVE A GAP OF APPROXIMATELY 4 INCHES BETWEEN THE CURB AND THE FILTERS TO ALLOW FOR OVERFLOW TO PREVENT HAZARDOUS PONDING.
- INSTALL OUTLET PROTECTION BELOW STORM DRAIN OUTLETS.

Sd2-P CURB INLET FILTER



Fr STONE FILTER RING

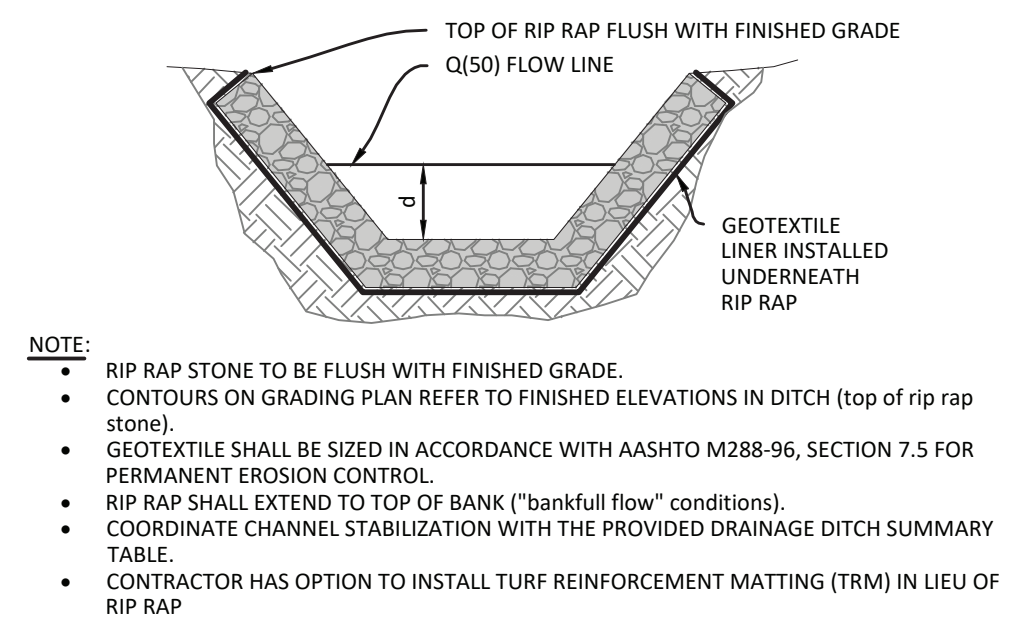
N.T.S.



NOTES:

- * HEIGHT IS TO BE SHOWN ON THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN.
- FILTER SOCK SIZED TO SUIT CONDITIONS (REFER TO APPROVED LIST).

Sd1 COMPOST FILTER SOCK



NOTE:

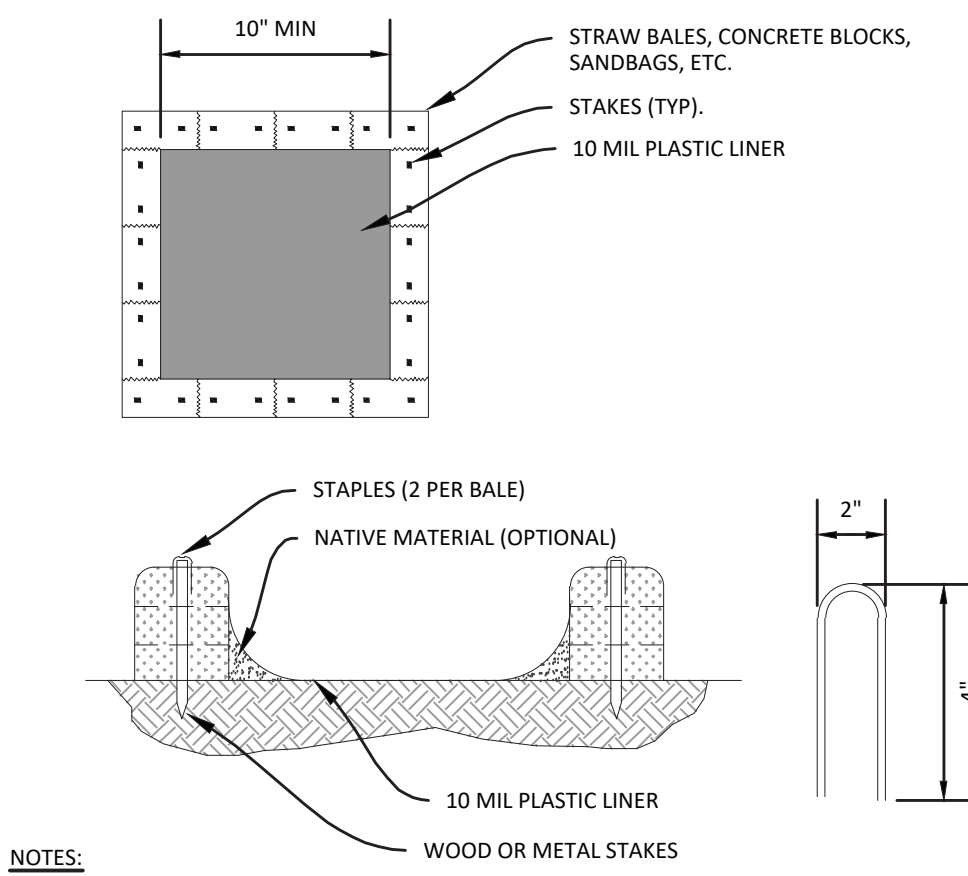
- RIP RAP STONE TO BE FLUSH WITH FINISHED GRADE.
- CONTOURS ON GRADING PLAN REFER TO FINISHED ELEVATIONS IN DITCH (top of rip rap stone).
- GEOTEXTILE SHALL BE SIZED IN ACCORDANCE WITH AASHTO M288-96, SECTION 7.5 FOR PERMANENT EROSION CONTROL.
- RIP RAP SHALL EXTEND TO TOP OF BANK ("bankfull flow" conditions).
- COORDINATE CHANNEL STABILIZATION WITH THE PROVIDED DRAINAGE DITCH SUMMARY TABLE.
- CONTRACTOR HAS OPTION TO INSTALL TURF REINFORCEMENT MATTING (TRM) IN LIEU OF RIP RAP.

DITCH ID	EXPECTED Q(10) FLOW DEPTH (d) (feet)	HEIGHT OF RIP RAP LINING ABOVE DITCH FLOOR (feet)	TYPE OF RIP RAP	RIP RAP STONE THICKNESS (inches)
DIVERSION #1A	0.87	1.00	TYPE 3	8
DIVERSION #1B	0.91	1.25	TYPE 3	8
DIVERSION #1C	1.21	1.50	TYPE 3	8
DIVERSION #1D	0.64	1.00	TYPE 3	8
DITCH #1	3.50	1.00	TYPE 3	8

*DITCH #1 IS SIZED FOR 50-YEAR STORM EVENT

Ch-2 CHANNEL STABILIZATION

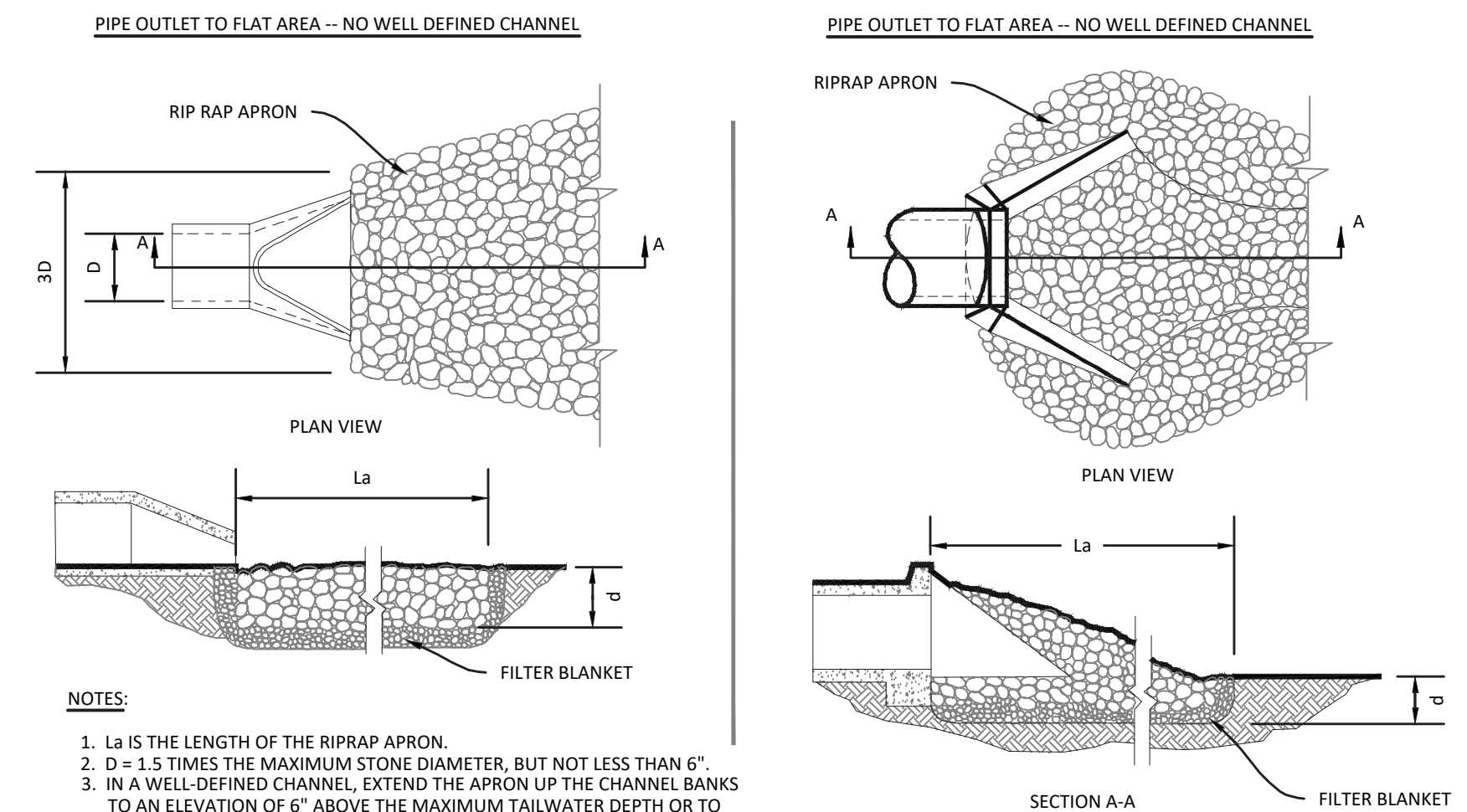
N.T.S.



NOTES:

- CONCRETE TRUCK WASHOUT WATER SHALL BE DISPOSED IN AREAS AT THE CONSTRUCTION SITE WHERE STRUCTURAL CONTROLS HAVE BEEN ESTABLISHED TO PREVENT DISCHARGE TO SURFACE WATERS, OR TO AREAS THAT HAVE A MINIMAL SLOPE THAT ALLOW INFILTRATION AND FILTERING OF WASHOUT WATER.
- ACTUAL LAYOUT DETERMINED IN FIELD.
- THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
- WASHING OUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.
- ONLY PERFORM DRUM WASHOUT IN DESIGNATED WASH AREAS LOCATED OFFSITE.
- WASH AREAS, IF CONSTRUCTED, WILL CONSIST OF AN ENCLOSED WASTE COLLECTION AREA THAT WILL CONTAIN THE CONCRETE WASH UNTIL IT HARDENS.
- WASH AREAS SHALL BE A MINIMUM OF 10' X 10' WITH AN EXCAVATION MINIMUM OF 18-INCHES BELOW GRADE.
- CONTAINMENT AREA TO BE LOCATED BY CONTRACTOR.
- THE CONCRETE PROVIDER IS RESPONSIBLE FOR TRAINING THE TRUCK DRIVERS AND MUST PROVIDE APPROPRIATE DETAILS AND RESOURCES TO ENABLE THE DRIVERS TO COMPLETE A DELIVERY WITHOUT CAUSING POLLUTION.
- CHUTES, BARRELS, WHEELBARROWS AND OTHER EQUIPMENT MUST BE RINSED IN THE DESIGNATED WASH AREA(S).
- SWEEP OR SHOVEL ANY SPILLS THAT OCCUR AND ALLOW RESIDUE TO SET BEFORE REMOVING. THE HARDENED RESIDUE MAY THEN BE PLACED IN A DESIGNATED CONCRETE MASONRY RECYCLING BIN ON-SITE.

CW CONCRETE WASHOUT UNIT



NOTES:

- La IS THE LENGTH OF THE RIPRAP APRON.
- D = 1.5 TIMES THE MAXIMUM STONE DIAMETER, BUT NOT LESS THAN 6".
- IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
- A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

St RIP RAP OUTLET PROTECTION

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Drawing Issue Schedule	
05/15/2024	PERMIT SET

Project No: 2023-19

ESPC - CONSTRUCTION DETAILS C9.7