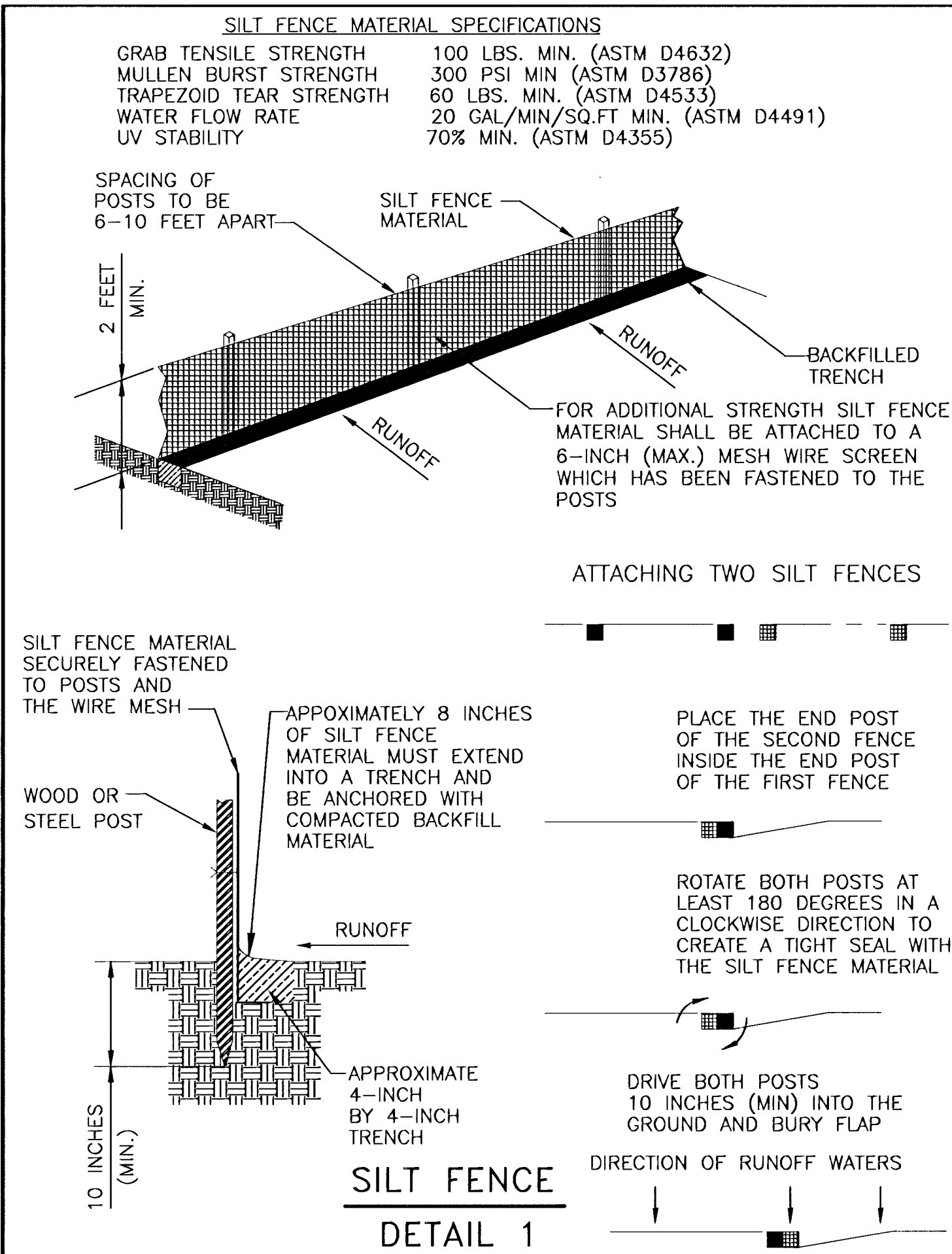




SILT FENCE INSTALLATION

SILT FENCES CAN MINIMIZE SEDIMENT FROM ENTERING STREAMS AND OTHER WATER BODIES. IN ADDITION, THEY SHOULD BE INSTALLED WHERE SEDIMENT FROM SHEET FLOW OR RILL AND GULLY EROSION WILL ENTER DIRECTLY ONTO ADJACENT LANDS.

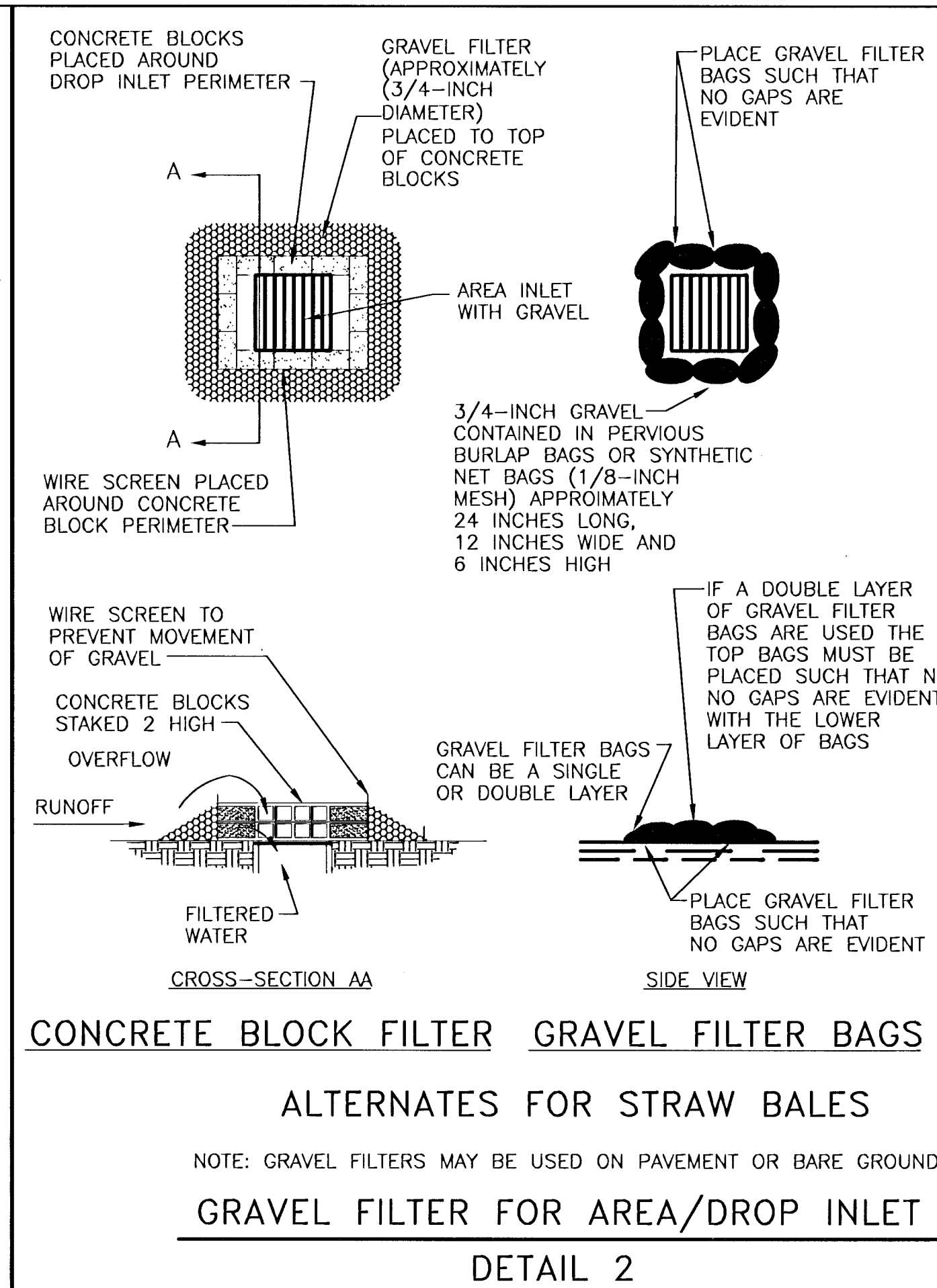
WHEN USED TO CONTROL SEDIMENT FROM STEEP SLOPES, FILTER FENCES SHOULD BE PLACED AWAY FROM THE TOE OF A SLOPE FOR INCREASED HOLDING CAPACITY.

WHEN INSTALLING, IT IS IMPORTANT THE FABRIC MATERIAL BE ANCHORED INTO A TRENCH AND BACK FILLED.

ATTACHING TWO FILTER FENCES TOGETHER SHOULD BE COMPLETED IN A MANNER ILLUSTRATED IN DETAIL #1. BY WRAPPING THE MATERIAL AS ILLUSTRATED, A TIGHT FIT OF MATERIAL IS CREATED AND THE STRUCTURAL STABILITY OF THE FENCE MAINTAINED.

MAINTENANCE OF SILT FENCES REQUIRES THAT THE FABRIC MUST BE INSPECTED AND NEEDED REPAIRS IMPLEMENTED AFTER EVERY STORM EVENT. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN MATERIAL REACHES A DEPTH OF ONE-HALF THE FENCE HEIGHT.

WHEN THE CONTRIBUTION DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND ANY UNSTABLE SOIL AND EITHER SALVAGE OR DISPOSE OF PROPERLY. BRING ALL DISTURBED AREAS TO PROPER GRADE, SMOOTH AND COMPACT. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND INLET.



GRAVEL FILTERS FOR AREA INLETS

ALL STORM DRAINAGE SYSTEM INLETS SHOULD HAVE FILTERS INSTALLED TO TREAT RUNOFF BEFORE WATER IS DISCHARGED INTO A STREAM.

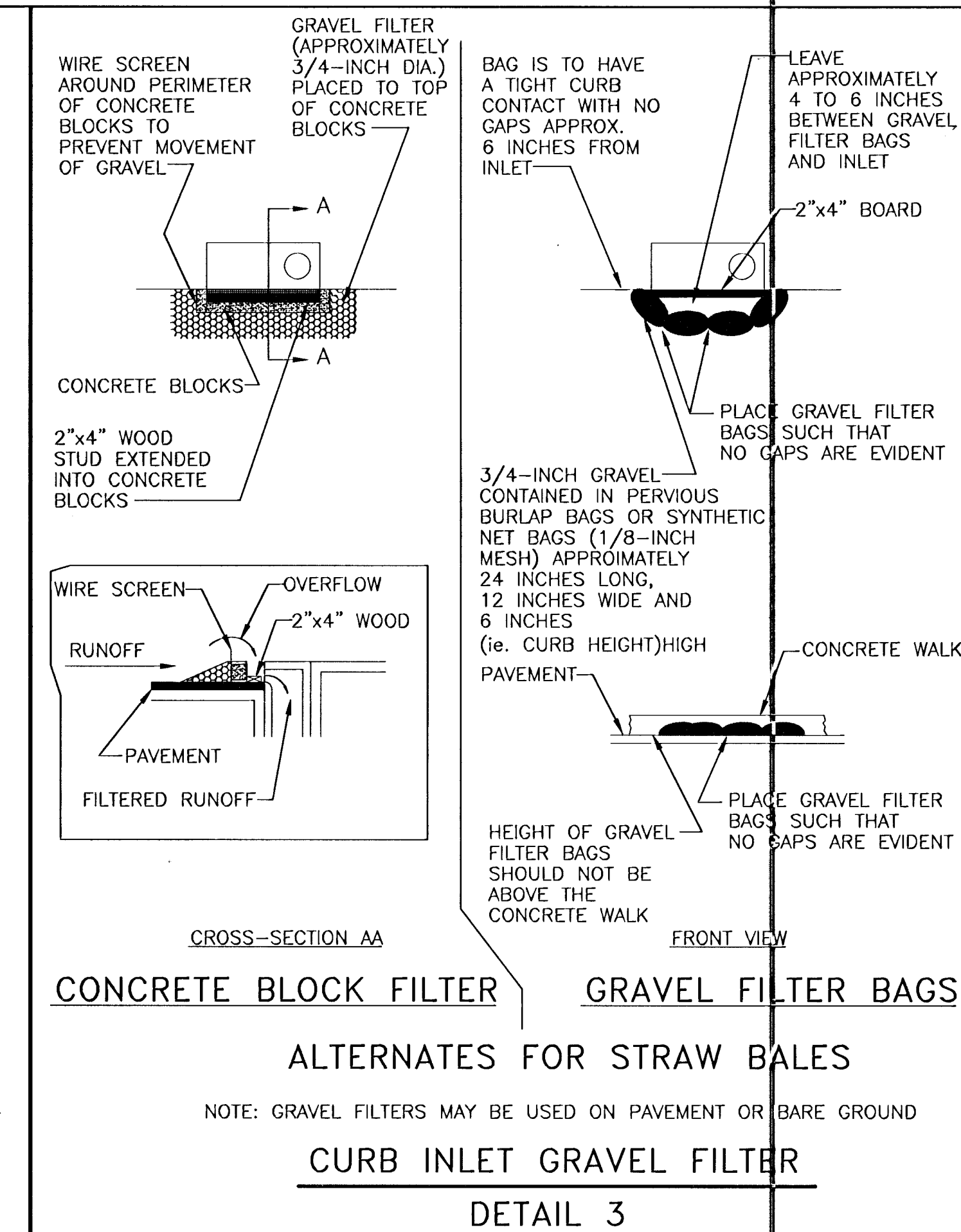
GRAVEL FILTERS WILL BE CONSTRUCTED WITH A COMBINATION OF CONCRETE BLOCKS, 1/2-INCH WIRE SCREEN AND COARSE (APPROX. 3/4-INCH DIAMETER) GRAVEL. USE OF GRAVEL SMALLER THAN 3/4-INCHES MAY RESULT IN CLOGGING OF PORES AND REDUCE THE AMOUNT OF WATER FLOWING INTO AN INLET.

GRAVEL FILTERS CAN BE USED IF THE IMMEDIATE AND ADJACENT AREA TO THE DRAIN CONSISTS OF SOIL OR PAVEMENT.

LAY ONE BLOCK ON EACH SIDE OF THE DRAINAGE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW FOR POOL DRAINAGE. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE REST OF THE STORM DRAIN. PLACE THE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF STORM DRAIN FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. PROVIDE ADDITIONAL SUPPORT BY PLACING 2"x4"x36" WOOD STAKES THROUGH BLOCK OPENINGS. CAREFULLY FIT WIRE MESH OVER ALL BLOCK OPENINGS TO RETAIN GRAVEL. USE CLEAN GRAVEL, 3/4" TO 1/2" IN DIAMETER, PLACED 2 INCHES BELOW TOP OF BLOCKS ON A 2:1 SLOPE OR FLATTER AND SMOOTH TO EVEN GRADE.

ALL GRAVEL FILTERS INSTALLED AROUND AREA DRAINS SHOULD BE INSPECTED AND REPAIRED AFTER EACH RUNOFF EVENT. SEDIMENT SHOULD BE REMOVED WHEN MATERIAL IS WITHIN TWO INCHES OF THE TOP OF THE FILTER. PERIODICALLY, THE GRAVEL SHOULD BE RAKED TO INCREASE INFILTRATION AND FILTERING OF RUNOFF WATER.

SEDIMENT SHOULD BE REMOVED IMMEDIATELY FROM ANY TRAVELED WAY OF ROADS AND STREETS.



CURB INLET GRAVEL FILTERS

ALL STORM DRAINAGE SYSTEM INLETS SHOULD HAVE FILTERS INSTALLED TO TREAT RUNOFF BEFORE WATER IS DISCHARGED INTO A STREAM.

CURB INLET GRAVEL FILTERS WILL BE CONSTRUCTED WITH A COMBINATION OF CONCRETE BLOCKS, 1/2-INCH WIRE SCREEN, COARSE (APPROX. 3/4-INCH DIAMETER) GRAVEL AND A 2"x4" WOOD BOARD FOR SUPPORT. USE OF GRAVEL SMALLER THAN 3/4 INCHES MAY RESULT IN CLOGGING OF PORES AND REDUCE THE AMOUNT OF WATER FLOWING INTO AN INLET.

GRAVEL FILTERS CAN BE USED IF THE IMMEDIATE AND ADJACENT AREA TO THE DRAIN CONSISTS OF SOIL OR PAVEMENT.

LAY BLOCKS ON THEIR SIDE TO ALLOW FOR POOL DRAINAGE. PLACE END BLOCKS AGAINST INLET STRUCTURE FOR LATERAL SUPPORT. PLACE 2"x4" WOOD STUD THROUGH END BLOCK'S OPENING TO PROVIDE SUPPORT FOR REMAINING BLOCKS. CAREFULLY FIT WIRE MESH OVER ALL BLOCK OPENINGS TO RETAIN GRAVEL. USE CLEAN GRAVEL, 3/4" TO 1/2" IN DIAMETER, PLACED 2 INCHES BELOW TOP OF BLOCKS ON A 2:1 SLOPE OR FLATTER AND SMOOTH EVEN GRADE.

ALL CURB INLET GRAVEL FILTERS SHOULD BE INSPECTED AND REPAIRED AFTER EACH RUNOFF EVENT. SEDIMENT SHOULD BE REMOVED WHEN MATERIAL IS WITHIN TWO INCHES OF THE TOP OF THE FILTER. PERIODICALLY, THE GRAVEL SHOULD BE RAKED TO INCREASE INFILTRATION AND FILTERING OF RUNOFF WATERS.

SEDIMENT SHOULD BE REMOVED IMMEDIATELY FROM ANY TRAVELED WAY OF ROADS AND STREETS.

WHEN THE CONTRIBUTION DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND ANY UNSTABLE SOIL AND EITHER SALVAGE OR DISPOSE OF PROPERLY. BRING ALL DISTURBED AREAS TO PROPER GRADE, SMOOTH AND COMPACT. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND INLET.

