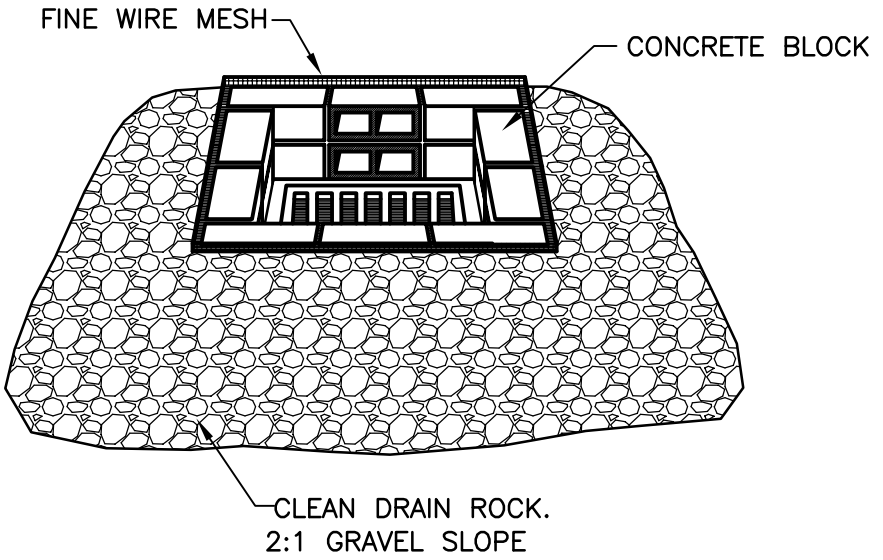


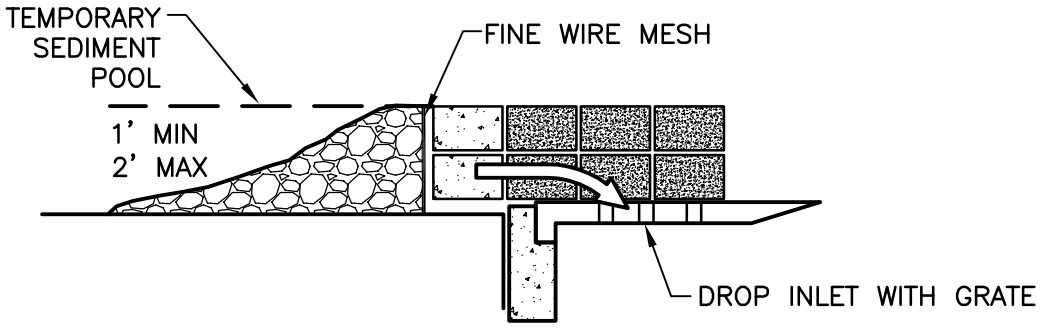


## BLOCK AND GRAVEL DROP INLET PROTECTION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. AS SHOWN IN DETAIL ONE BLOCK IS PLACED ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. THE BOTTOM ROW OF BLOCKS ARE PLACED AGAINST THE EDGE OF THE STORM DRAIN FOR LATER SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, LATERAL SUPPORT MAY BE GIVEN TO SUBSEQUENT ROWS BY PLACING 2" X 4" WOOD STUDS THROUGH BLOCK OPENINGS. HARD WARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2 INCH OPENINGS SHALL BE FITTED OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE. CLEAN GRAVEL SHOULD BE PLACED 2 INCHES BELOW THE TOP OF THE BLOCKS ON A 2:1 SLOPE OR FLATTER AND SMOOTHED TO AN EVEN GRADE. DOT #57 WASHED STONE IS RECOMMENDED.

(Sd2–Bg) BLOCK AND GRAVEL DROP INLET PROTECTION

THIS DETAIL WAS TAKEN FROM THE CITY OF ATLANTA'S WEBSITE. IT MAY HAVE BEEN MODIFIED AND SHOULD BE REVIEWED THOROUGHLY.

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| City of Atlanta | STANDARD DETAILS | REV.<br>DATE: OCT. 2011<br>ORIG. DATE: NOV 2004<br>SCALE: N.T.S. |
| | BLOCK AND GRAVEL<br>DROP INLET PROTECTION<br>1 OF 2 | DETAIL NO. ER–G_SD004 |