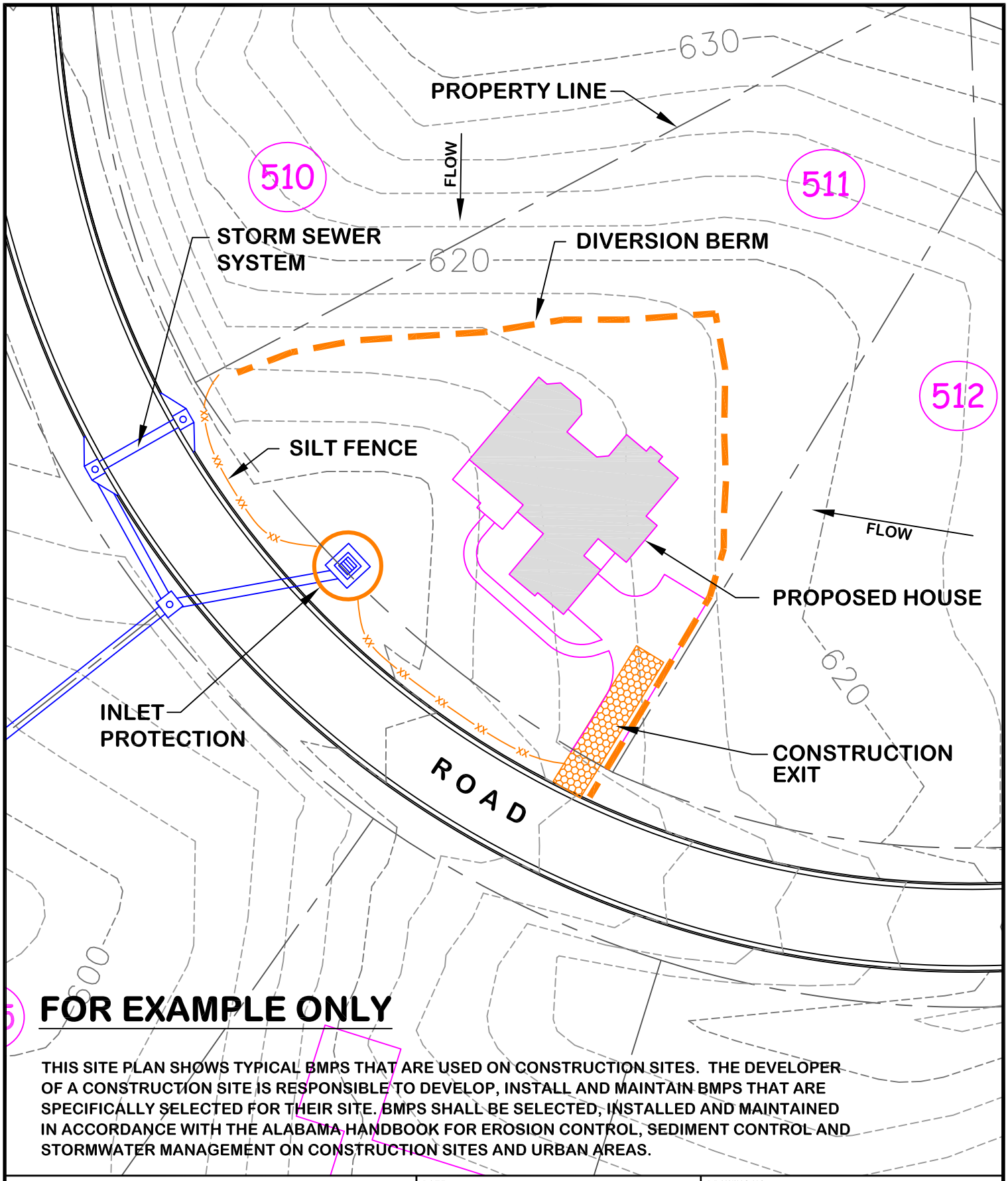


FOR EXAMPLE ONLY

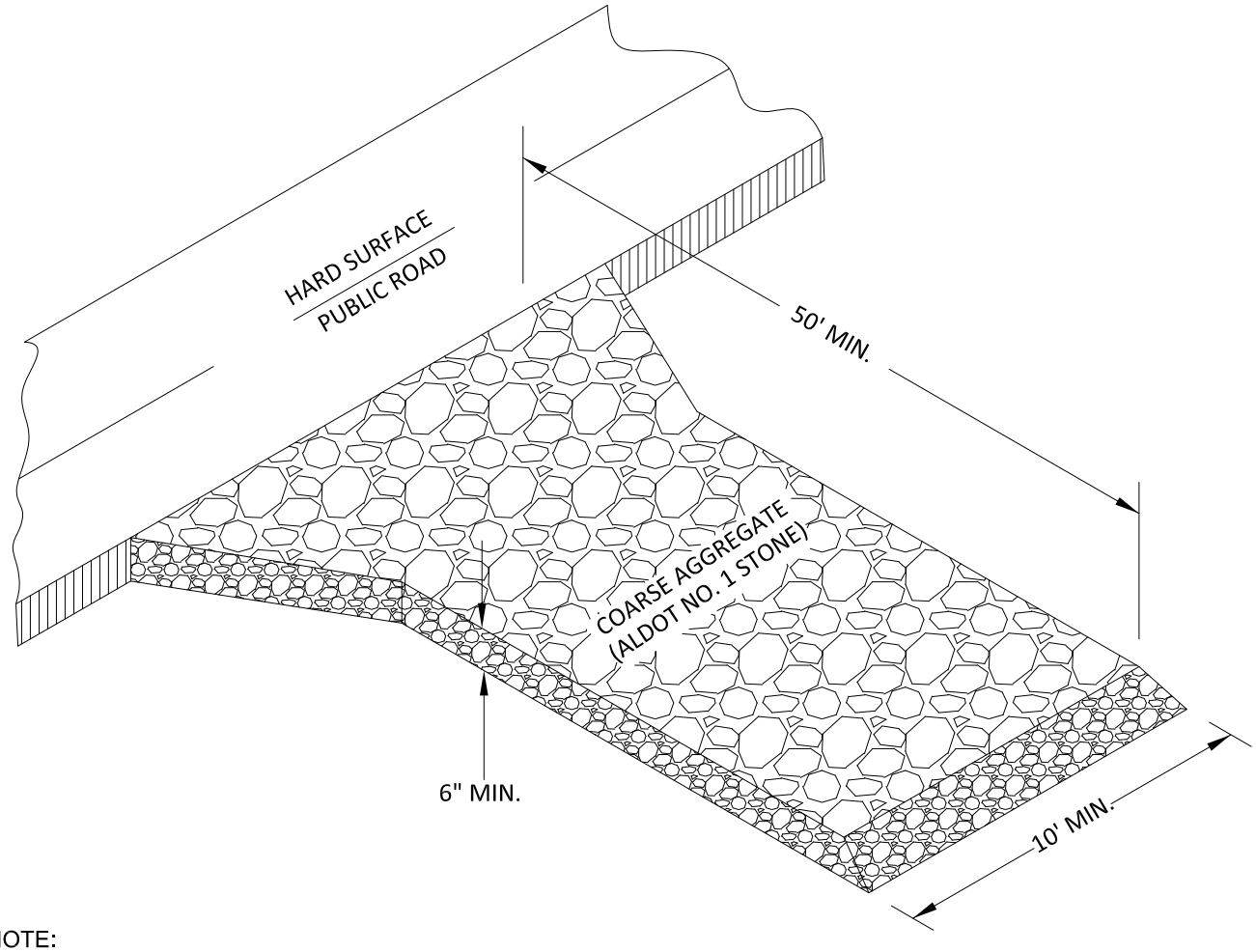
THIS SITE PLAN SHOWS TYPICAL BMPS THAT ARE USED ON CONSTRUCTION SITES. THE DEVELOPER OF A CONSTRUCTION SITE IS RESPONSIBLE TO DEVELOP, INSTALL AND MAINTAIN BMPS THAT ARE SPECIFICALLY SELECTED FOR THEIR SITE. BMPS SHALL BE SELECTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS.

CITY OF MONTGOMERY
STORM WATER MANAGEMENT PROGRAM (SWMP)

DATE: 2 JULY 2012
PREPARED BY: D. SMITH — HYDRO ENGINEERING SOLUTIONS, LLC
APPROVED BY: P. DUNSON

DRAWING NO.: **RES-ESCP**

DRAWING TITLE: GENERAL EROSION AND SEDIMENT CONTROL PLAN FOR RESIDENTIAL CONSTRUCTION



NOTE:

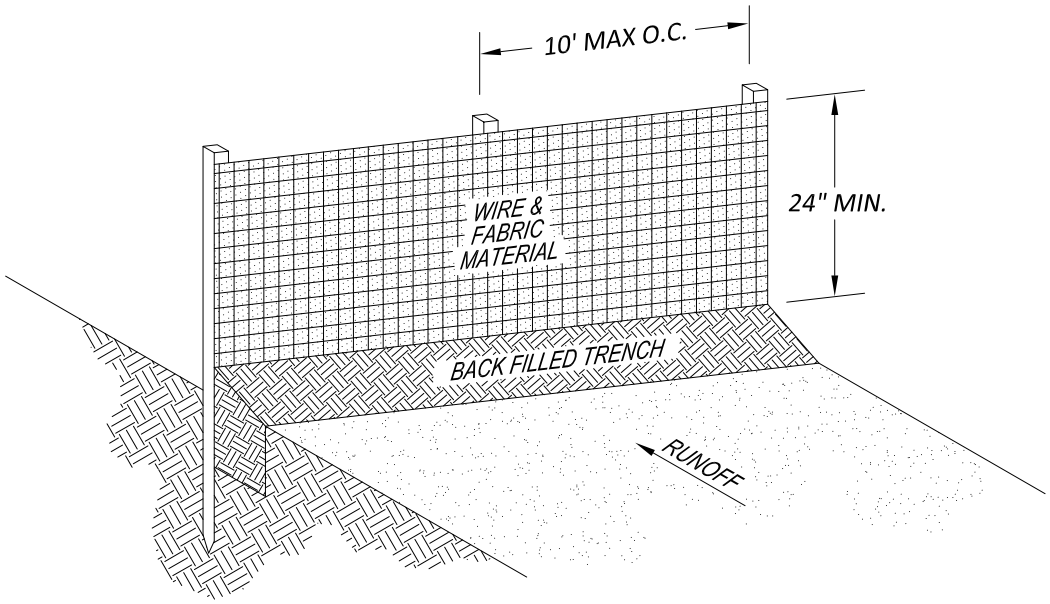
1. INSTALL CLASS IV NON-WOVEN GEOTEXTILE FABRIC UNDER THE ALDOT NO. 1 STONE TO EXTEND THE LIFE OF THE ENTRANCE.

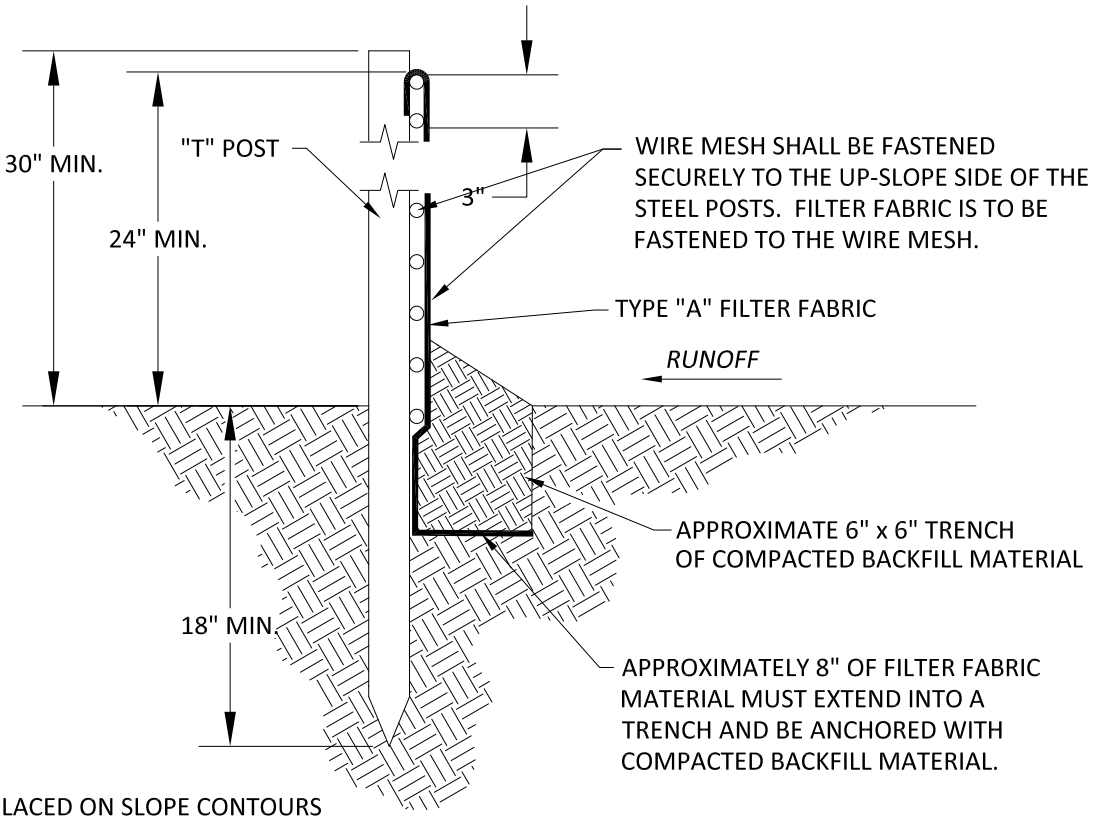
CITY OF MONTGOMERY
STORM WATER MANAGEMENT PROGRAM (SWMP)

DATE: 9 JULY 2012
PREPARED BY: D. SMITH — HYDRO ENGINEERING SOLUTIONS, LLC
APPROVED BY: P. DUNSON

DRAWING NO.
RES-CEP

DRAWING TITLE: CONSTRUCTION EXIT PAD (CEP)





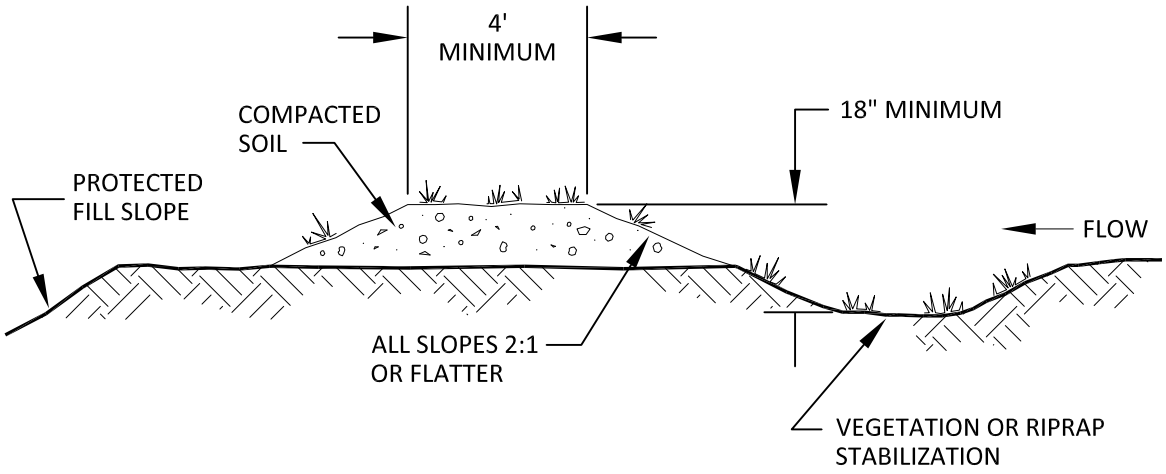
NOTES:

1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

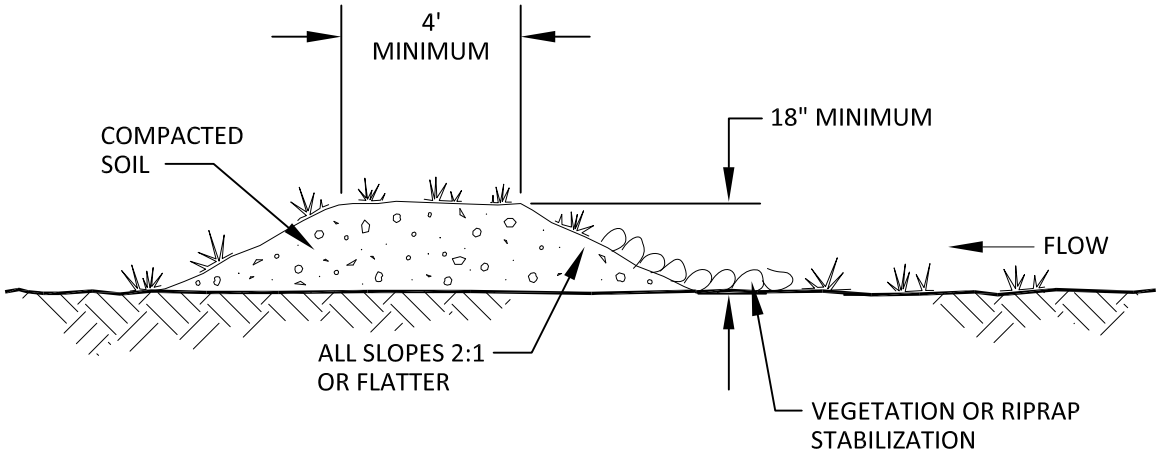
2. INSPECT AND REPAIR AFTER EACH STORM EVENT.

3. REMOVE SEDIMENT AS REQUIRED FOR PROPER OPERATION.

TYPICAL FILL DIVERSION



TYPICAL TEMPORARY DIVERSION DIKE

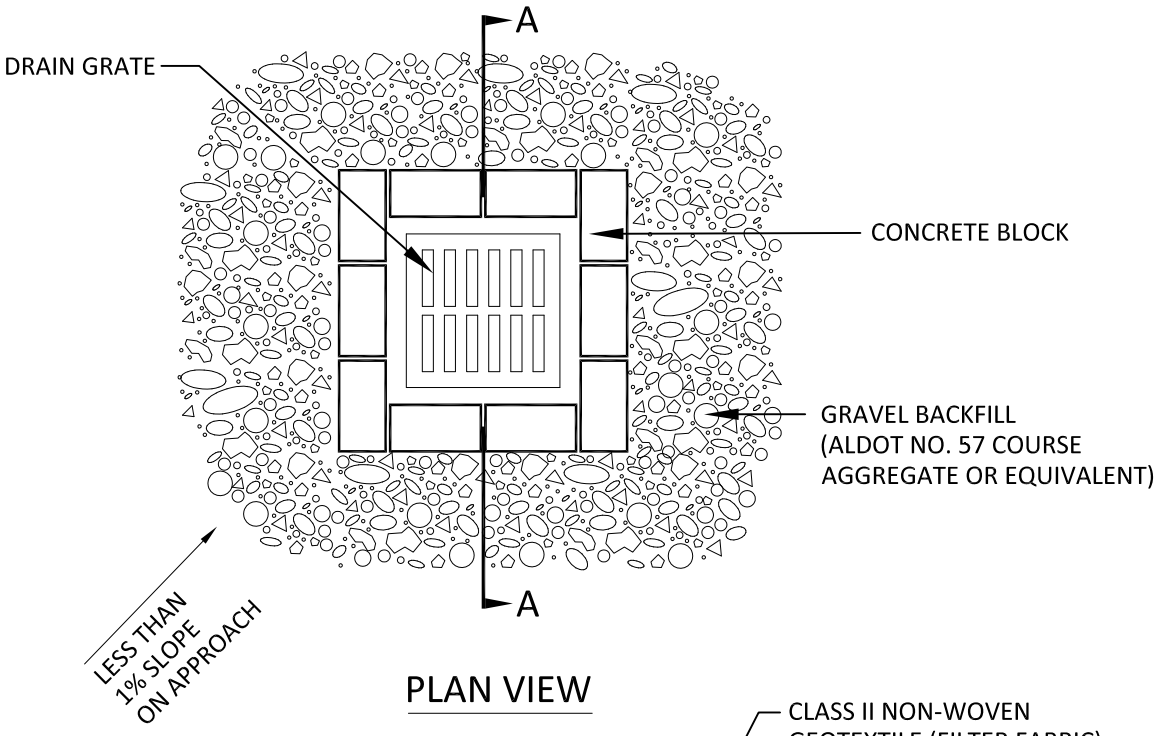


NOTES:

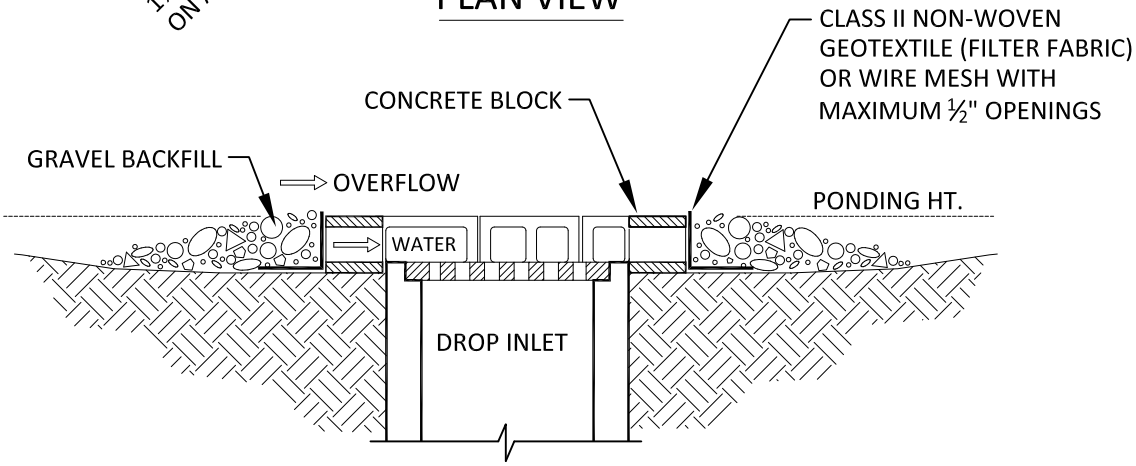
1. THE CHANNEL BEHIND THE DIKE SHALL HAVE POSITIVE GRADE TO A STABILIZED OUTLET.

2. THE DIKE SHALL BE ADEQUATELY COMPACTED TO PRVENT FAILURE.

3. THE DIKE SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT SEEDING OR RIPRAP.



PLAN VIEW



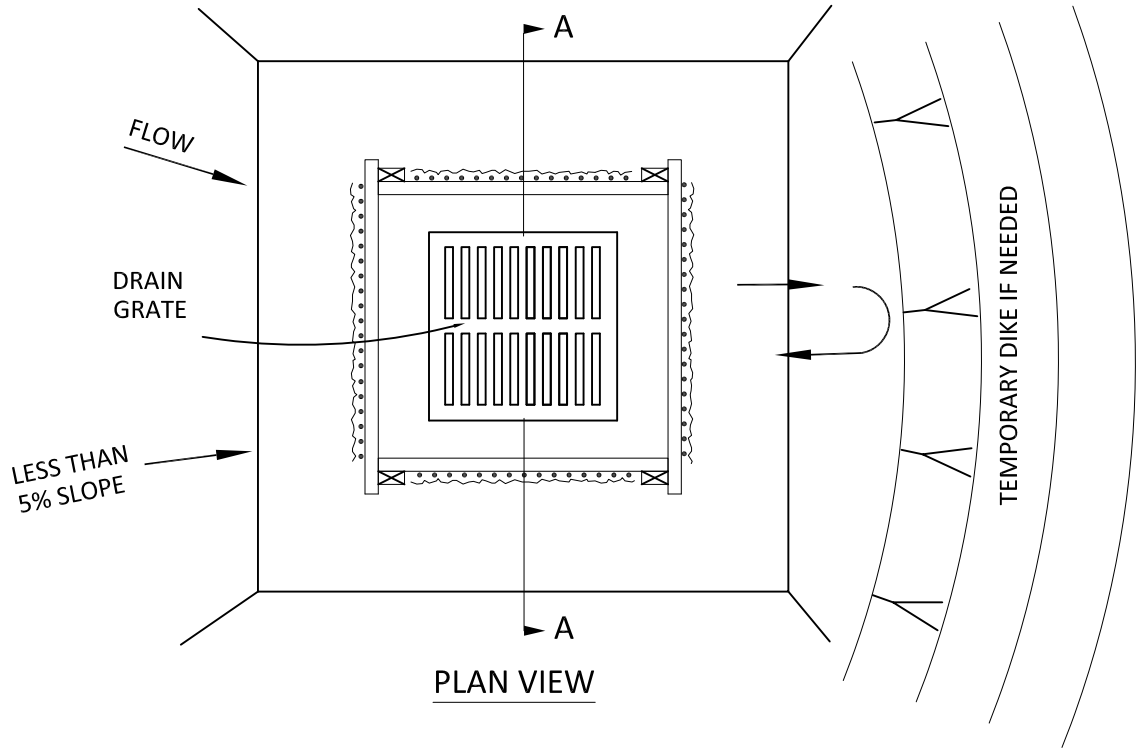
SECTION A - A

NOTES:

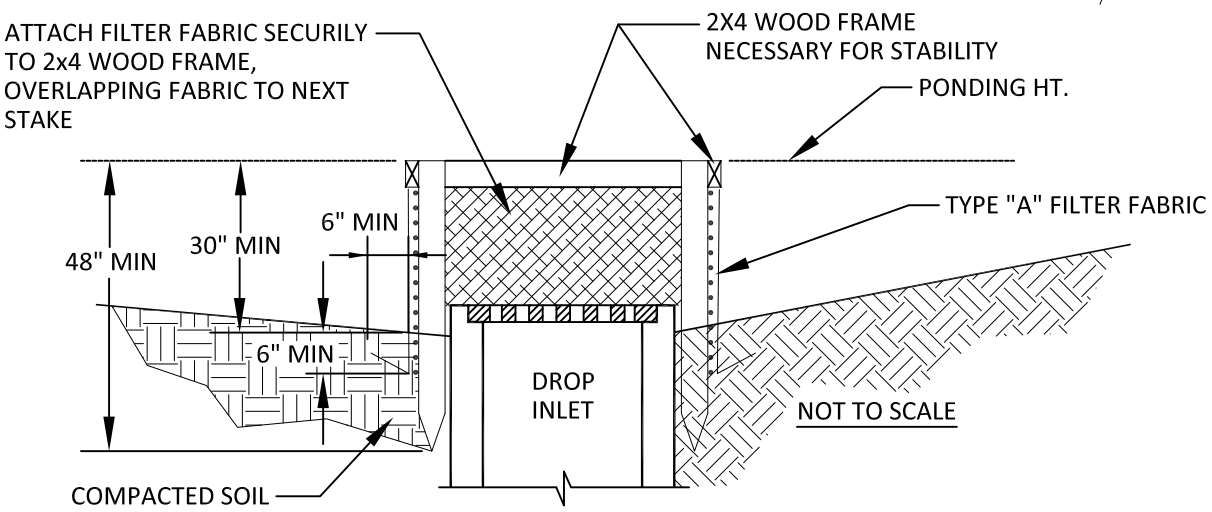
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SAMLL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)

2. EXCAVATE A BASIN OF SUFFICIENT SIZE ADJACENT TO THE DROP INLET.

3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.



PLAN VIEW



SECTION A-A

NOTES:

1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)

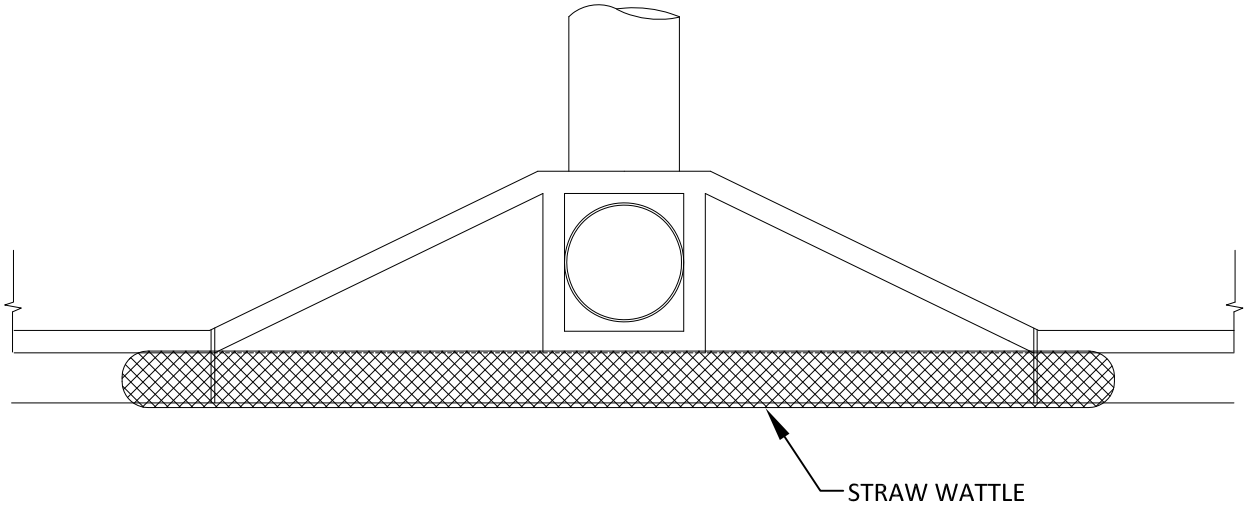
2. USE 2"x4" WOOD OR EQUIVALENT METAL STAKES, 4' MINIMUM LENGTH.

3. INSTALL 2"x4" WOOD TOP FRAME TO INSURE STABILITY.

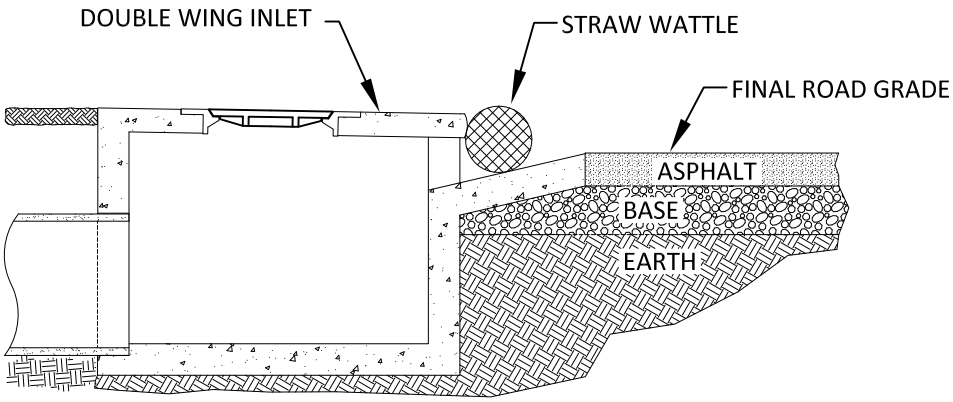
4. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY IN THE DOWNSLOPES SIDE OF THE STRUCTURE.

CITY OF MONTGOMERY STORM WATER MANAGEMENT PROGRAM (SWMP)	DATE 9 JULY 2012 PREPARED BY D. SMITH HYDRO ENGINEERING SOLUTIONS, LLC APPROVED BY P. DUNSON	DRAWING NO. RES-IPSB
DRAWING TITLE INLET PROTECTION - SEDIMENT BARRIER		PAGE 6 OF 7

DOUBLE WING INLET



PLAN VIEW



PROFILE VIEW

NOTE:

1. TYPE OF INLET MAY DIFFER, BUT WATTLE MUST BE LONGER THAN INLET TO ENSURE PROPER PROTECTION.

CITY OF MONTGOMERY
STORM WATER MANAGEMENT PROGRAM (SWMP)

DATE: 9 JULY 2012
PREPARED BY: D. SMITH
HYDRO ENGINEERING SOLUTIONS, LLC
APPROVED BY: P. DUNSON

DRAWING NO.
RES-IPW

DRAWING TITLE: INLET PROTECTION - STRAW WATTLE