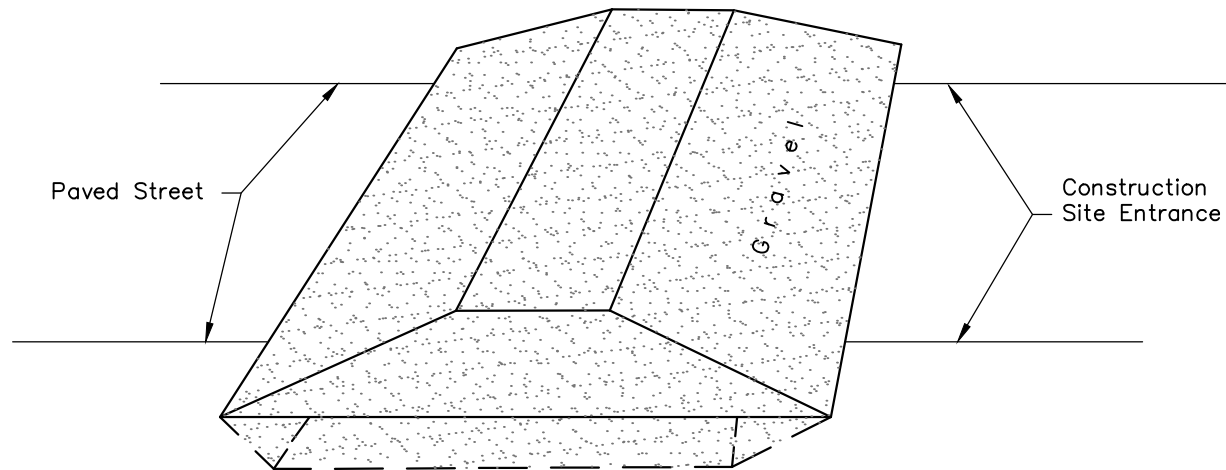
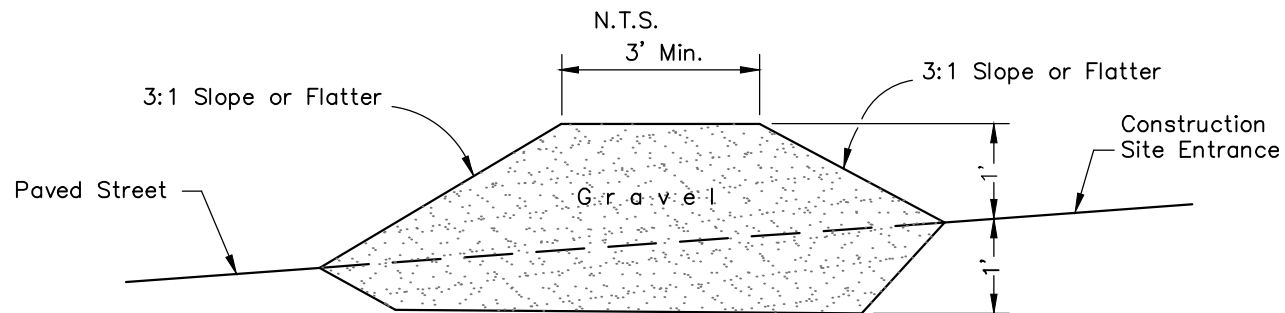


#### CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.



ISOMETRIC VIEW



CROSS SECTION

N.T.S.

5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

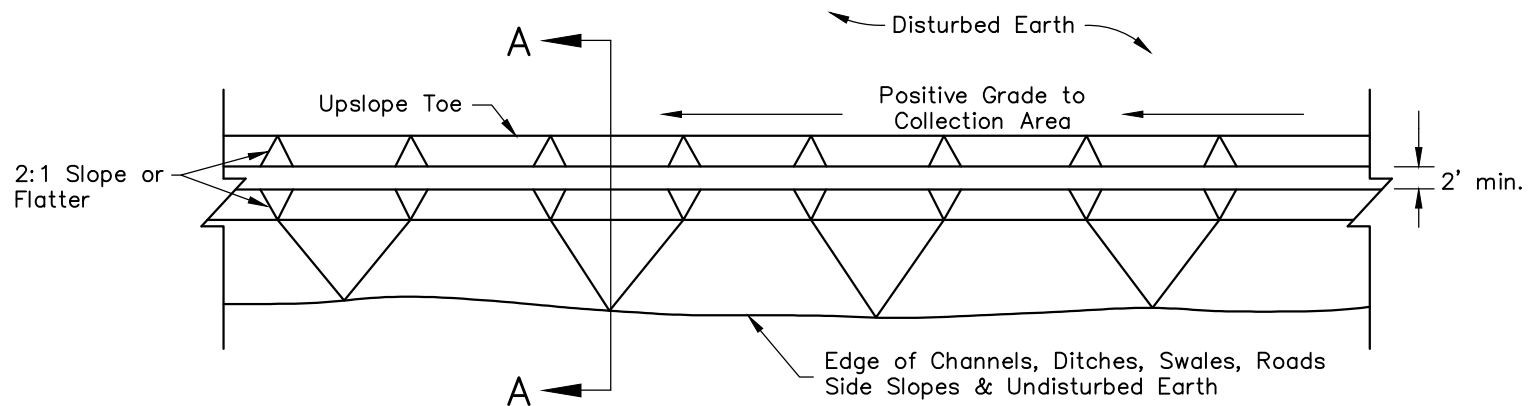
CITY OF CLEARWATER  
ENGINEERING DEPARTMENT  
EROSION AND SILTATION  
CONTROL POLICY

TEMPORARY EROSION CONTROL  
GRAVEL INTERCEPTOR BERM

INDEX NO.	PAGE NO.
601	1 OF 1
LATEST REVISION	2/22/2016

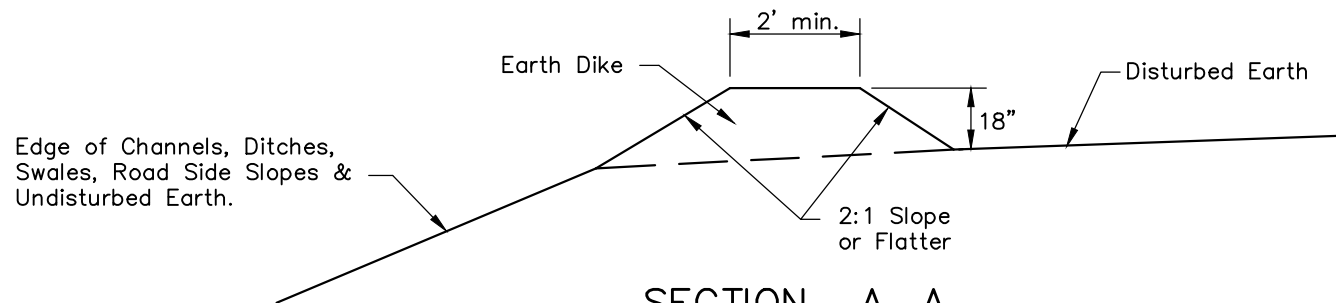
# CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.



## PLAN VIEW

N.T.S.



## SECTION A-A

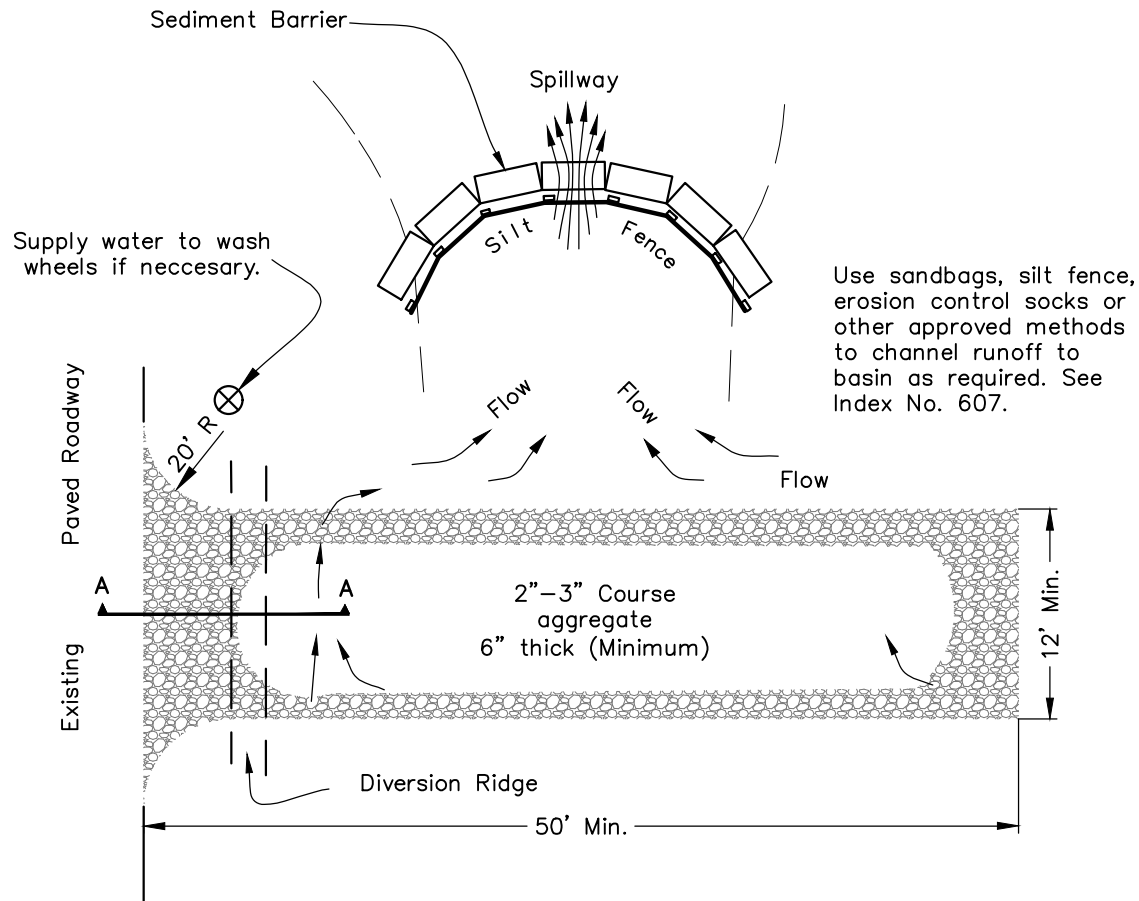
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5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

CITY OF CLEARWATER  
ENGINEERING DEPARTMENT  
EROSION AND SILTATION  
CONTROL POLICY

TEMPORARY EROSION CONTROL  
DIVERSION BERM

INDEX NO.	PAGE NO.
602	1 OF 2
LATEST REVISION	2/22/2016



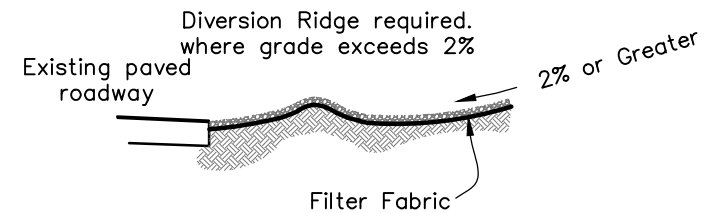
**PLAN VIEW**  
N.T.S.

**CONTRACTOR'S RESPONSIBILITY**

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.

**NOTES:**

1. The entrance shall be maintained in a condition that will prevent tracking or flowing of sediment onto Public Right-of-Way. This may require top dressing, repair and/or cleaning of any measures used to trap sediment.
2. When necessary, wheels shall be cleaned prior to entrance onto Public Right-of-Way.
3. When washing is required, it shall be done on an area stabilized with crushed stone that drains into an approved sediment trap or sediment basin.



**SECTION A - A**  
N.T.S.

5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

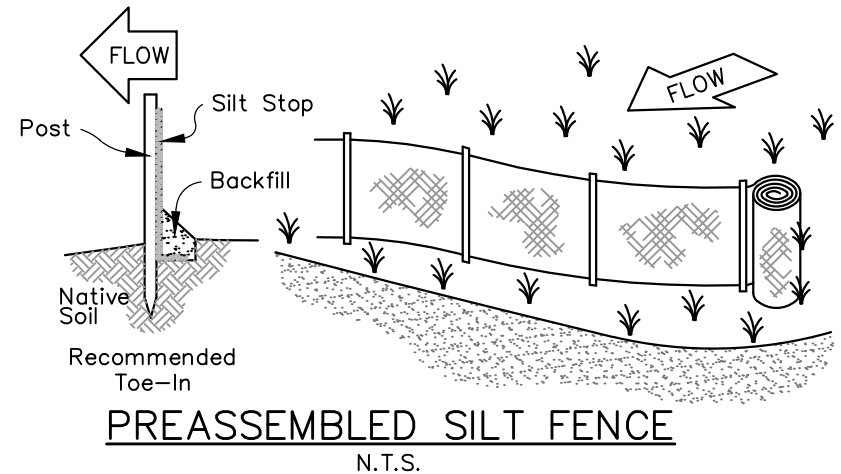
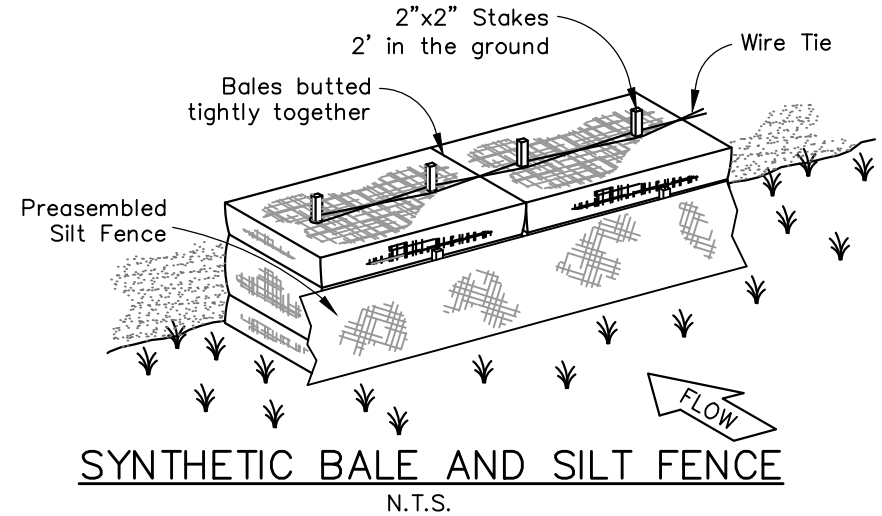
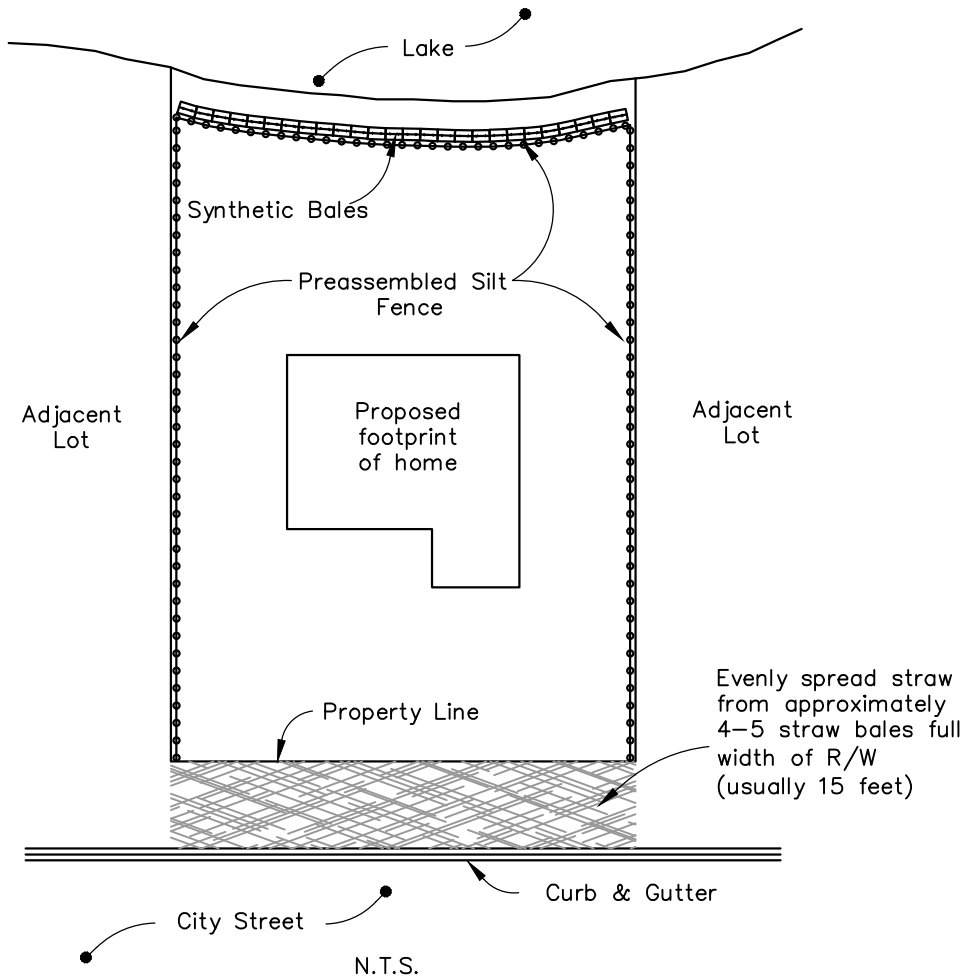
**CITY OF CLEARWATER**  
ENGINEERING DEPARTMENT  
**EROSION AND SILTATION**  
CONTROL POLICY

**TEMPORARY EROSION CONTROL**  
**DIVERSION BERM**

INDEX NO.	PAGE NO.
602	2 OF 2
LATEST REVISION	2/22/2016

# CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.



## NOTE:

Silt fence is preferred, if significant grade exists, synthetic bales may be required to be placed on the downstream side of the silt fence.

5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

**CITY OF CLEARWATER**  
ENGINEERING DEPARTMENT  
**EROSION AND SILTATION**  
CONTROL POLICY

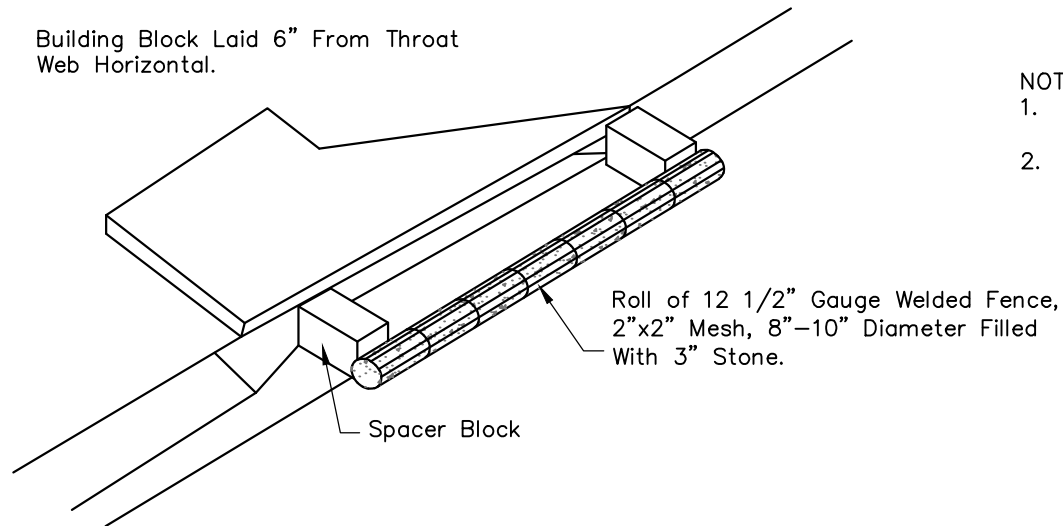
**SINGLE FAMILY HOME EROSION CONTROL**  
**TEMPORARY SYNTHETIC BALE SEDIMENT BARRIER**

INDEX NO.	PAGE NO.
603	1 OF 1
LATEST REVISION	2/22/2016

#### CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.

Building Block Laid 6" From Throat  
Web Horizontal.



#### NOTES:

1. Fibrous filler material in front of block prevents gravel from washing into structure.
2. 2"x4" behind block and across throat helps keep block in place. Place in outer hole of spacer block.

N.T.S.

5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

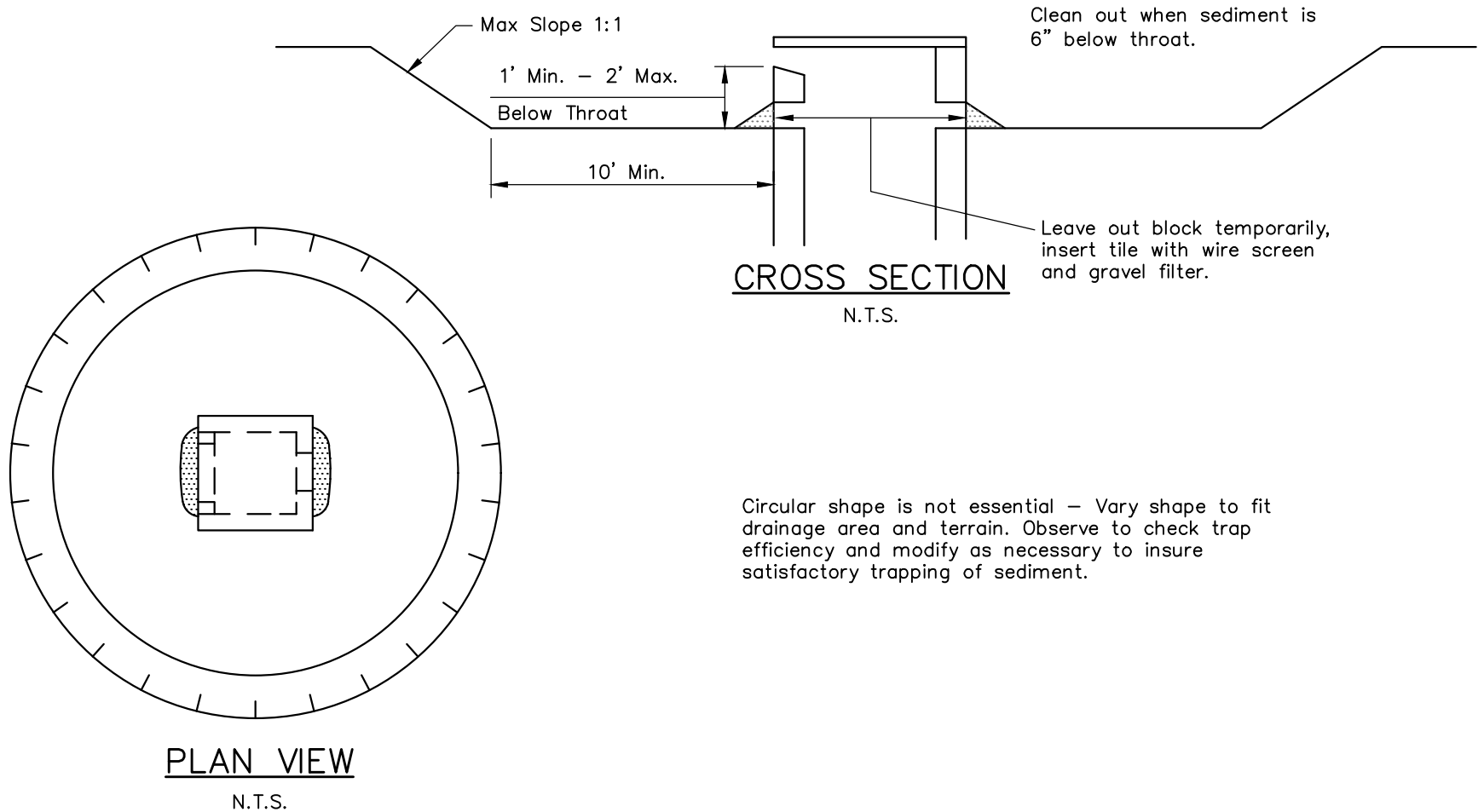
CITY OF CLEARWATER  
ENGINEERING DEPARTMENT  
EROSION AND SILTATION  
CONTROL POLICY

TEMPORARY SEDIMENT TRAP  
AT CURB INLET

INDEX NO.	PAGE NO.
604	1 OF 1
LATEST REVISION	2/22/2016

### CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.



5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

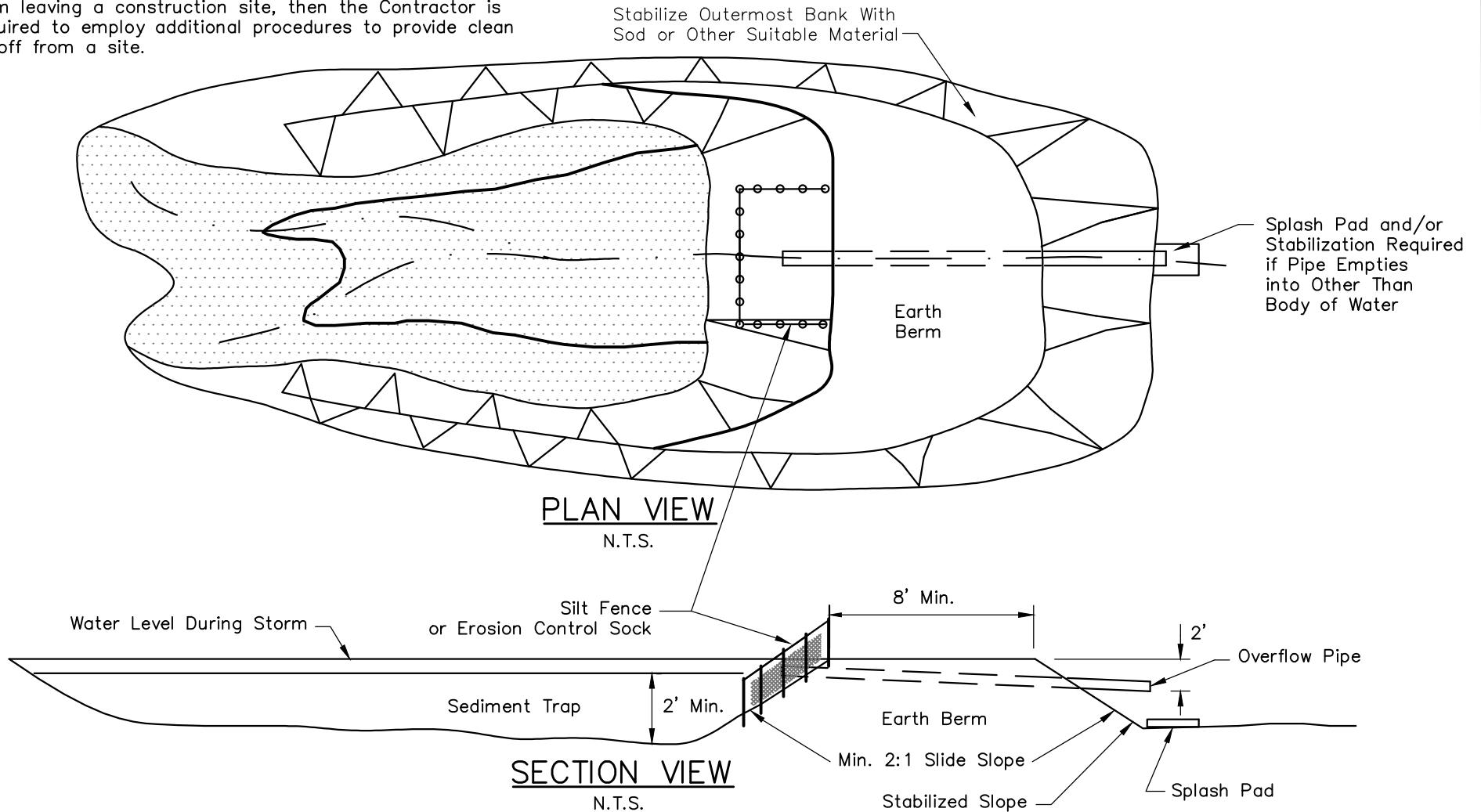
CITY OF CLEARWATER  
ENGINEERING DEPARTMENT  
EROSION AND SILTATION  
CONTROL POLICY

TEMPORARY SEDIMENT TRAP  
AT STORM DRAIN INLET

INDEX NO.	PAGE NO.
605	1 OF 1
LATEST REVISION	2/22/2016

# CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.



5/18/15	CONTRACTOR NOTE ADDED/EDITED DRAWING	S.R.
DATE	REVISION DESCRIPTION	APP

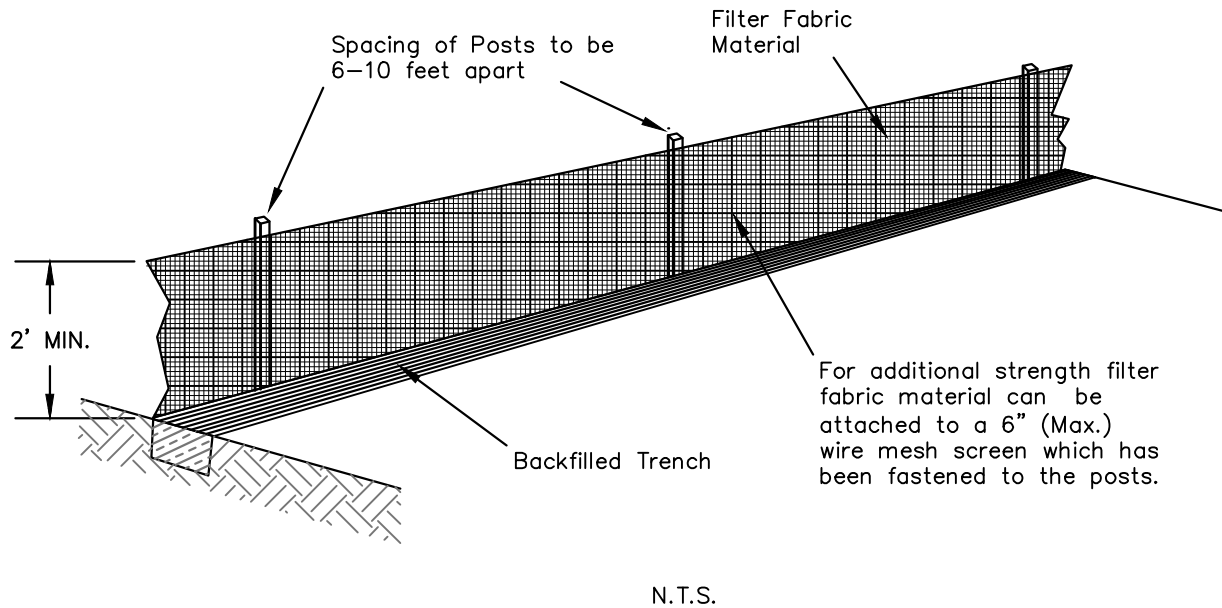
**CITY OF CLEARWATER**  
ENGINEERING DEPARTMENT  
**EROSION AND SILTATION**  
CONTROL POLICY

## **TEMPORARY EROSION CONTROL** **SEDIMENT BASIN**

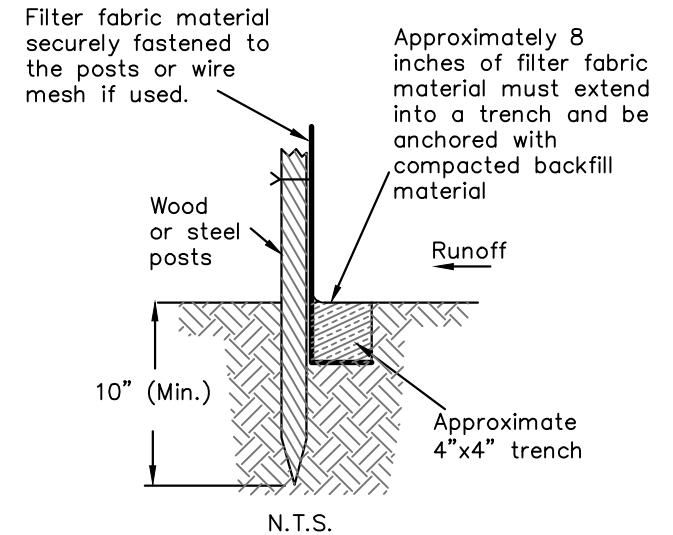
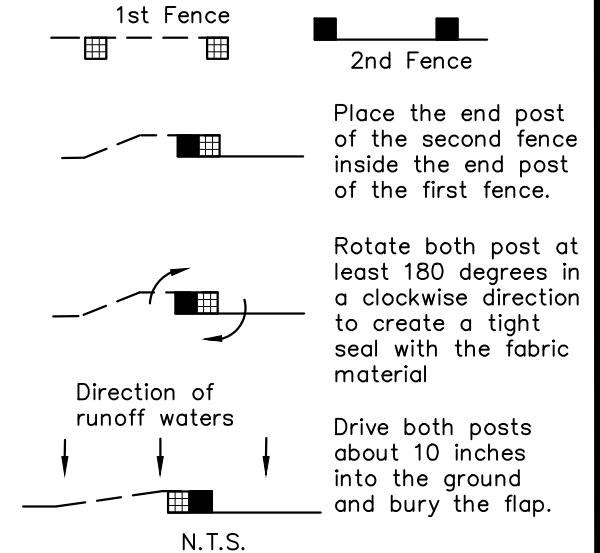
INDEX NO.	PAGE NO.
606	1 OF 1
LATEST REVISION	2/22/2016

### CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.



### ATTACHING TWO SILT FENCES



5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

**CITY OF CLEARWATER**  
ENGINEERING DEPARTMENT  
**EROSION AND SILTATION**  
CONTROL POLICY

**INSTALLING A**  
**FILTER FABRIC SILT FENCE**

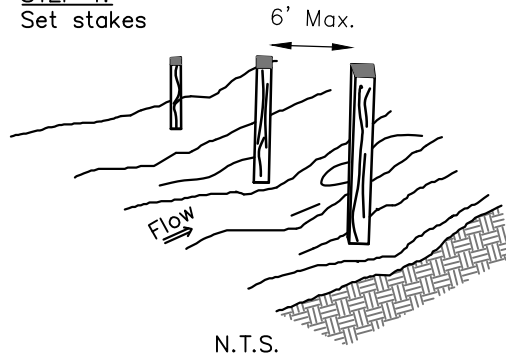
INDEX NO.	PAGE NO.
607	1 OF 3
LATEST REVISION	2/22/2016



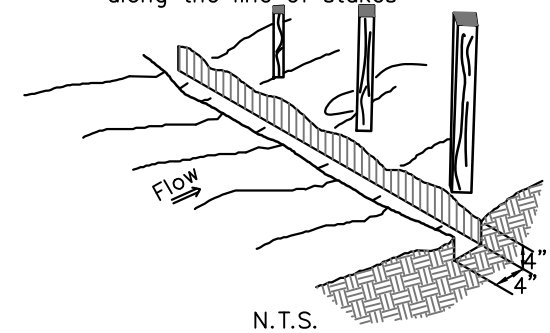
### CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.

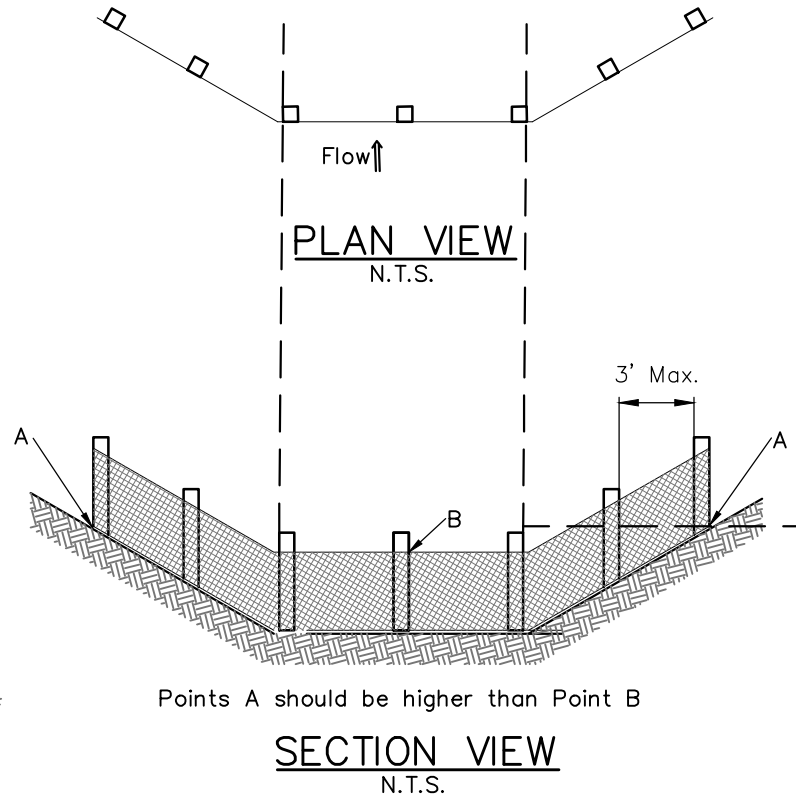
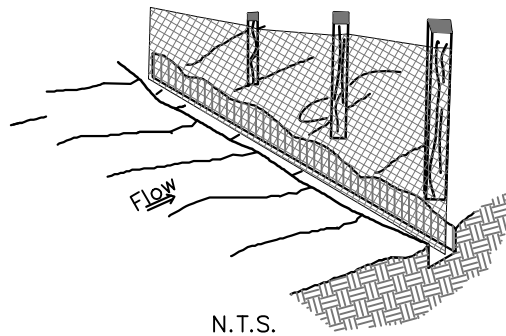
#### STEP 1. Set stakes



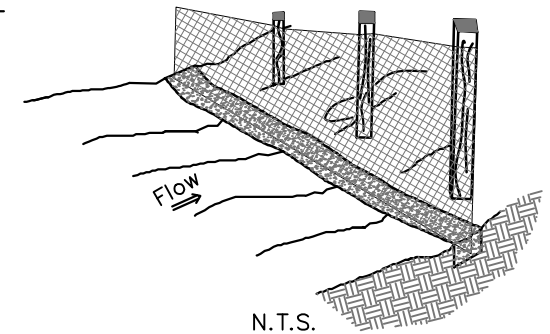
#### STEP 2. Excavate a 4" x 4" trench upslope along the line of stakes



#### STEP 3. Staple filter material to stakes and extend it into the trench



#### STEP 4. Backfill and compact the excavated soil



5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

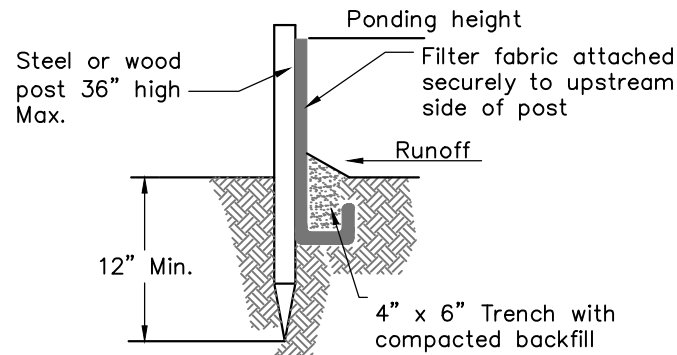
CITY OF CLEARWATER  
ENGINEERING DEPARTMENT  
EROSION AND SILTATION  
CONTROL POLICY

INSTALLING A  
FILTER FABRIC SILT FENCE

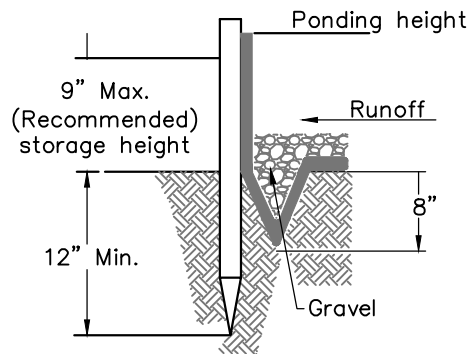
INDEX NO.	PAGE NO.
607	2 OF 3
LATEST REVISION	2/22/2016

### CONTRACTOR'S RESPONSIBILITY

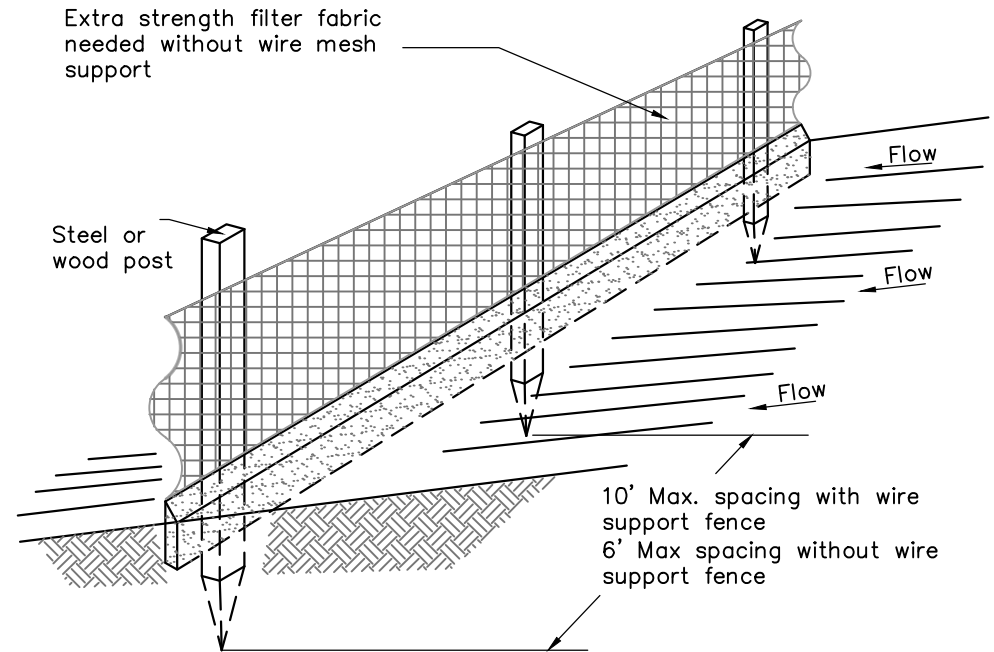
Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.



**STANDARD DETAIL  
TRENCH WITH NATIVE BACKFILL**



**ALTERNATE DETAIL  
TRENCH WITH GRAVEL**



N.T.S.

### NOTES:

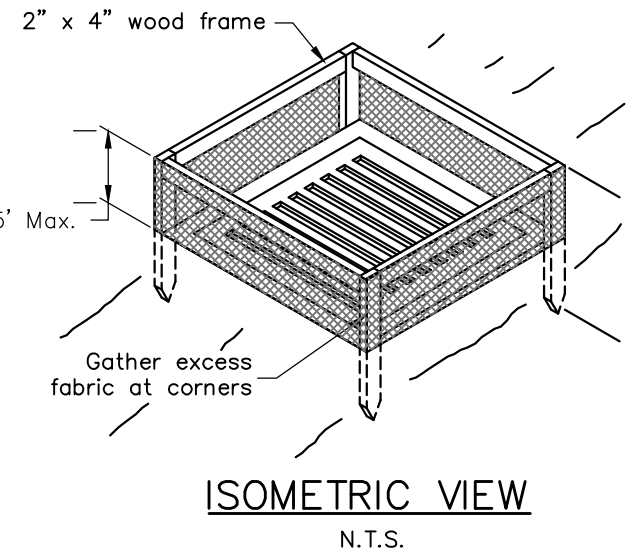
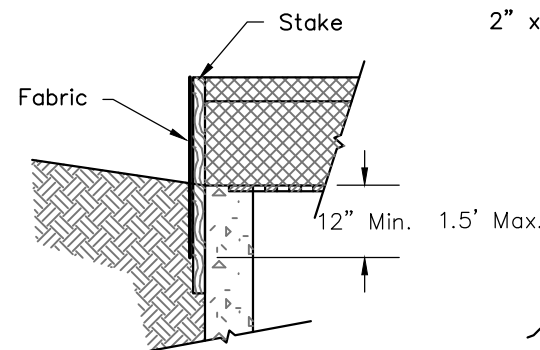
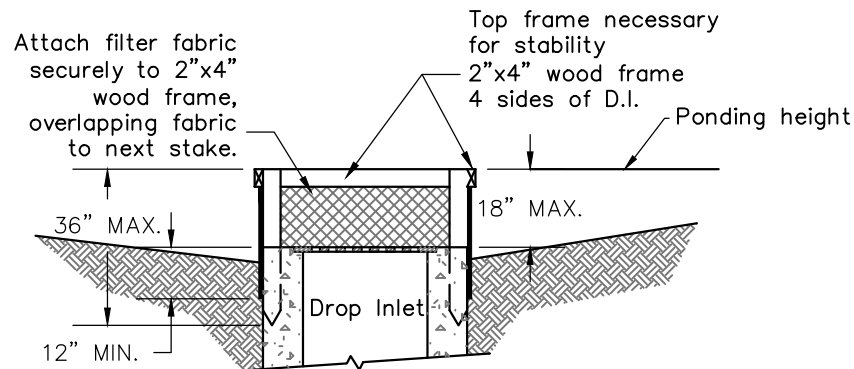
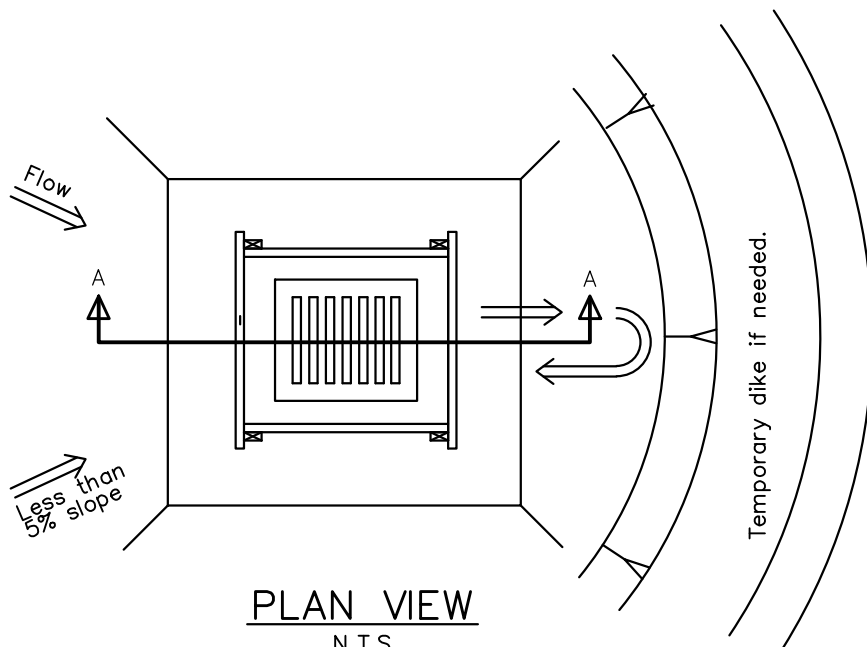
1. Inspect and repair fence after each storm event and remove sediment when necessary.
2. Removed sediment shall be deposited to an area that will not contribute sediment off-site and can be permanently stabilized.
3. Silt fence shall be placed on slope contours to maximize ponding efficiency.

5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

**CITY OF CLEARWATER**  
ENGINEERING DEPARTMENT  
**EROSION AND SILTATION  
CONTROL POLICY**

**INSTALLING A  
FILTER FABRIC SILT FENCE**

INDEX NO.	PAGE NO.
607	3 OF 3
LATEST REVISION	2/22/2016



#### CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.

#### 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. (3' Min. 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 on the downslope side of the structure.
5. Mirafi or approved erosion control fabric shall be wrapped around grate.
6. The method shall not apply to inlets receiving concentrated flows, such as in street or highway medians.

5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

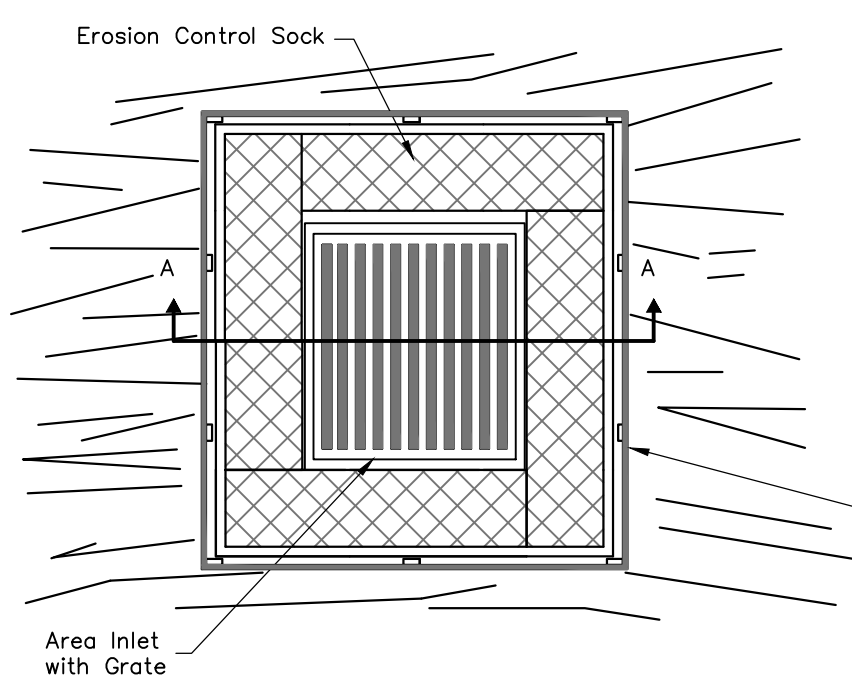
**CITY OF CLEARWATER**  
ENGINEERING DEPARTMENT  
**EROSION AND SILTATION  
CONTROL POLICY**

#### TEMPORARY SEDIMENT BARRIER AT A DROP INLET

INDEX NO.	PAGE NO.
608	1 OF 2
LATEST REVISION	2/22/2016

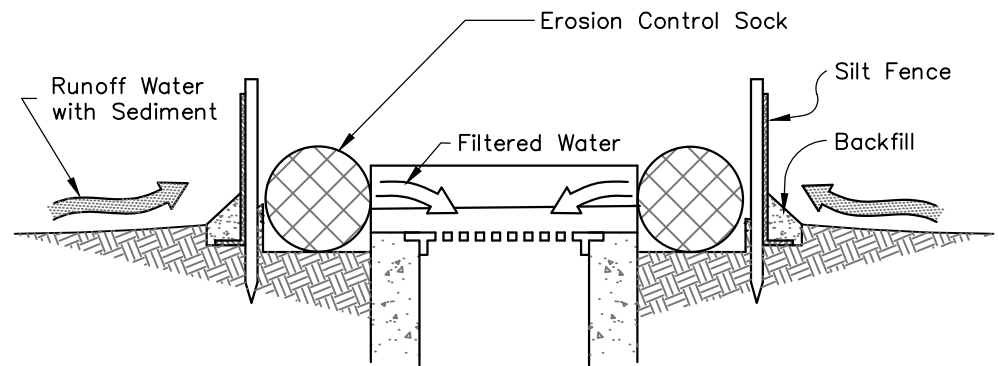
# CONTRACTOR'S RESPONSIBILITY

Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.



PLAN VIEW

N.T.S.



SECTION A-A

N.T.S.

Silt fence is to be installed around synthetic bales. See Index No. 607

This method of inlet protection is applicable where the inlet drains a relatively flat area (slopes no greater than 5%) where sheet or overland flows (not exceeding 0.5 cfs) are typical. The method shall not apply to inlets receiving concentrated flows, such as street or highway medians.

5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

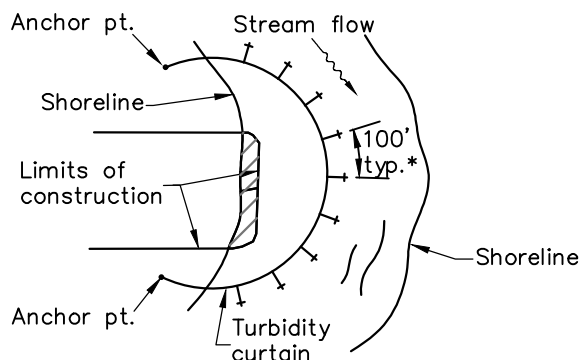
**CITY OF CLEARWATER**  
ENGINEERING DEPARTMENT  
**EROSION AND SILTATION**  
CONTROL POLICY

**TEMPORARY SEDIMENT BARRIER**  
**AT STORM DRAIN DROP INLET**

INDEX NO.	PAGE NO.
608	2 OF 2
LATEST REVISION	2/22/2016

# **CONTRACTOR'S RESPONSIBILITY**

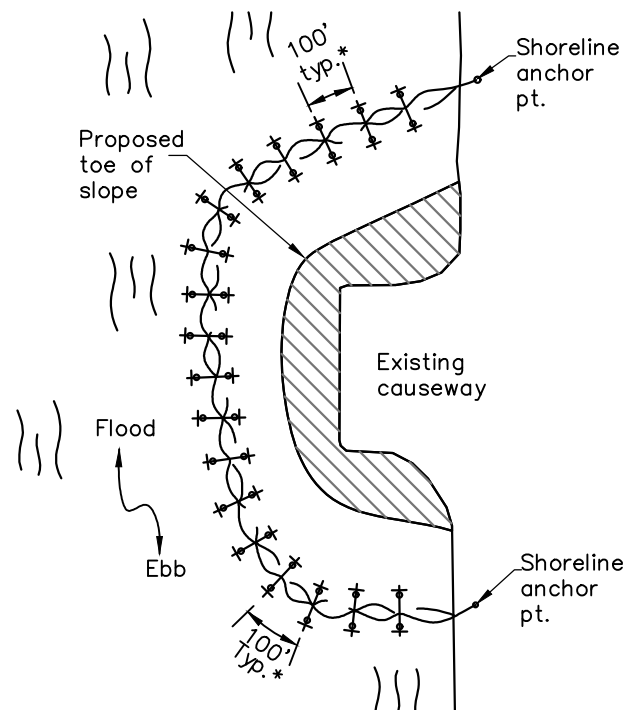
Erosion and Sedimentation controls are performance based criteria. If the BMPs provided do not prevent soils from leaving a construction site, then the Contractor is required to employ additional procedures to provide clean runoff from a site.



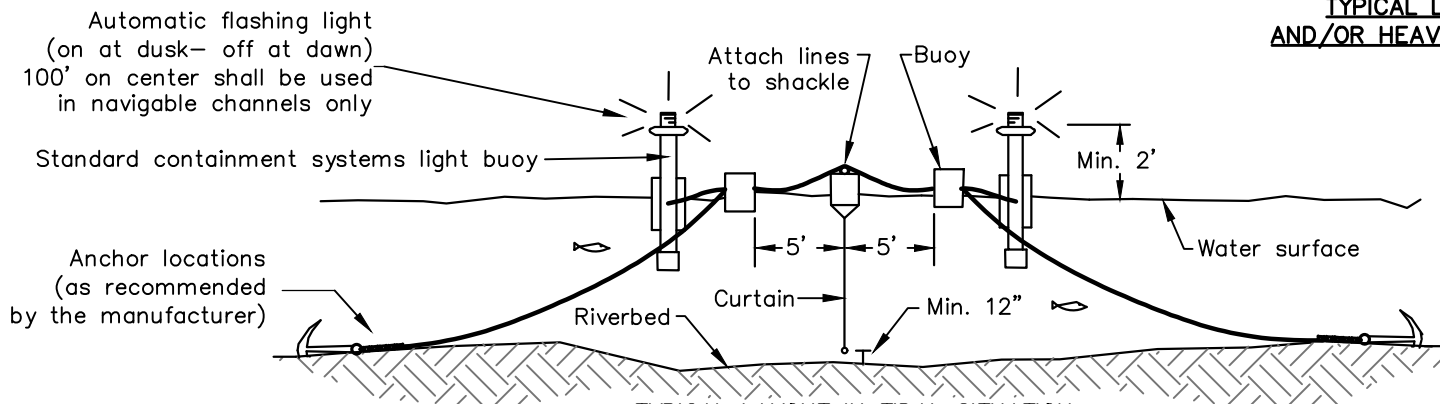
**TYPICAL LAYOUT STREAMS, PONDS, AND LAKES  
(PROTECTED AND NON-TIDAL)  
PLAN VIEW**

## **LEGEND:**

- \* This distance is variable
- + Stake or anchor every 100' (typical)
- ⊕— Anchor & anchor buoy
- ⬭ Barrier movement due to tidal change
- ▨ Fill area



**TYPICAL LAYOUT TIDAL WATERS  
AND/OR HEAVY WIND AND WAVE ACTION  
PLAN VIEW**



**TYPICAL LAYOUT IN TIDAL SITUATION  
SECTION VIEW**

NOTE:  
Anchoring with buoys, as shown, removes all vertical forces from the curtain. hence, the curtain will not sink from wind or current loads.

N.T.S.

5/18/15	CONTRACTOR NOTE ADDED	S.R.
DATE	REVISION DESCRIPTION	APP

**CITY OF CLEARWATER**  
ENGINEERING DEPARTMENT  
**EROSION AND SILTATION**  
CONTROL POLICY

**TYPICAL INSTALLATION LAYOUTS  
OF FLOATING TURBIDITY BARRIERS**

INDEX NO.	PAGE NO.
609	1 OF 1
LATEST REVISION	2/22/2016