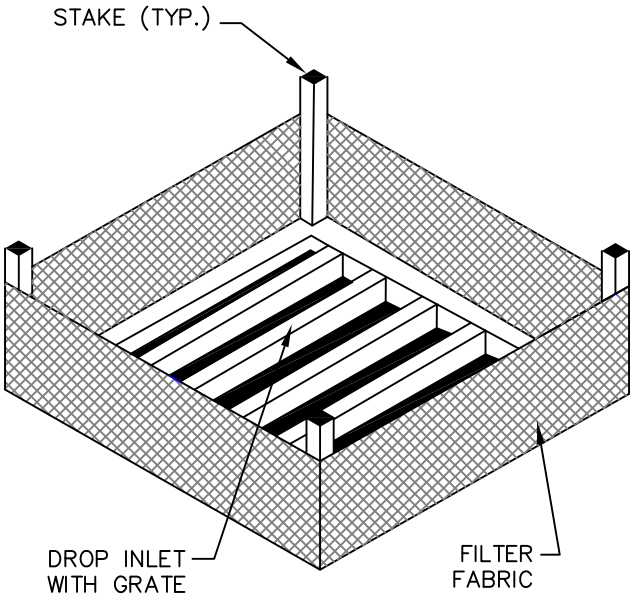
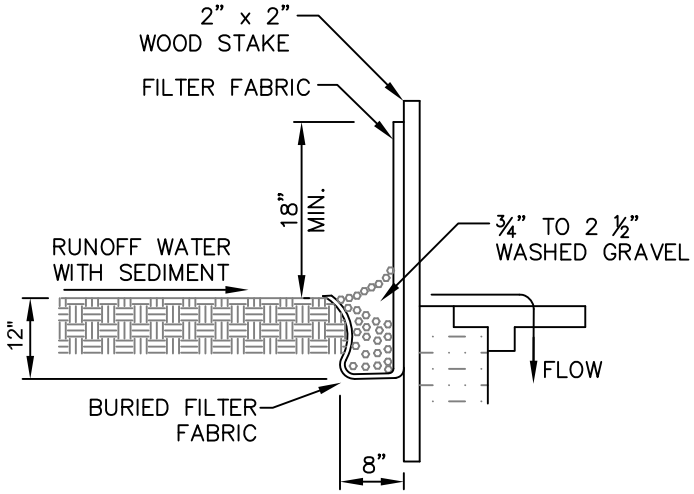
SECTION C

EROSION AND SEDIMENT CONTROL PLAN DETAILS

DETAIL	HEADING
1.0	Inlet Fabric Fence Filter
2.0	Inlet Block & Gravel Filter - Schematic
3.0	Temporary Sediment Control Inlet Gravel & Wire Mesh Filter
4.0	Construction Entrance Rock Pad
5.0	Sediment Pond - Example
5.1	Sediment Pond Cross-Section
5.2	Riser Detail
6.0	Permanent Sediment Trap for Presettling Basin - Schematic
7.0	Placement of Temporary Sedimentation Pond Baffles - Schematic
8.0	Filter Fabric Fence Detail
9.0	Typical Erosion Control Practices for SFR
10.0	*reserved for future use*
11.0	Brush Barrier - Schematic
12.0	Gravel Filter Berm
13.0	Sandbag Berm
14.0	Triangular Sediment Dikes
15.0	Pipe Slope Drains
16.0	Erosion Control Blankets - Schematic
17.0	Temporary Interceptor Dikes & Swales - Schematic
18.0	Temporary Gravel Outlet Structure
19.0	Rock Check Dams
20.0	ESC Structural Practices - Schematic
21.0	Sediment Trap
22.0	Sediment Trap Outlet





NOTE:
ALL FILTER FABRIC SHALL BE
MIRAFI 140NS OR EQUAL

GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

INLET FABRIC FENCE FILTER

SECTION C
DETAIL N.T.S.
1.0

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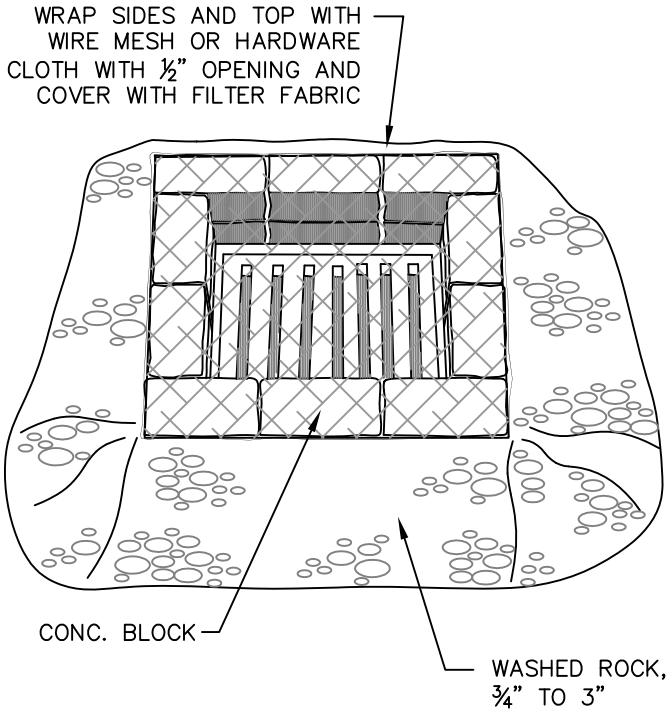

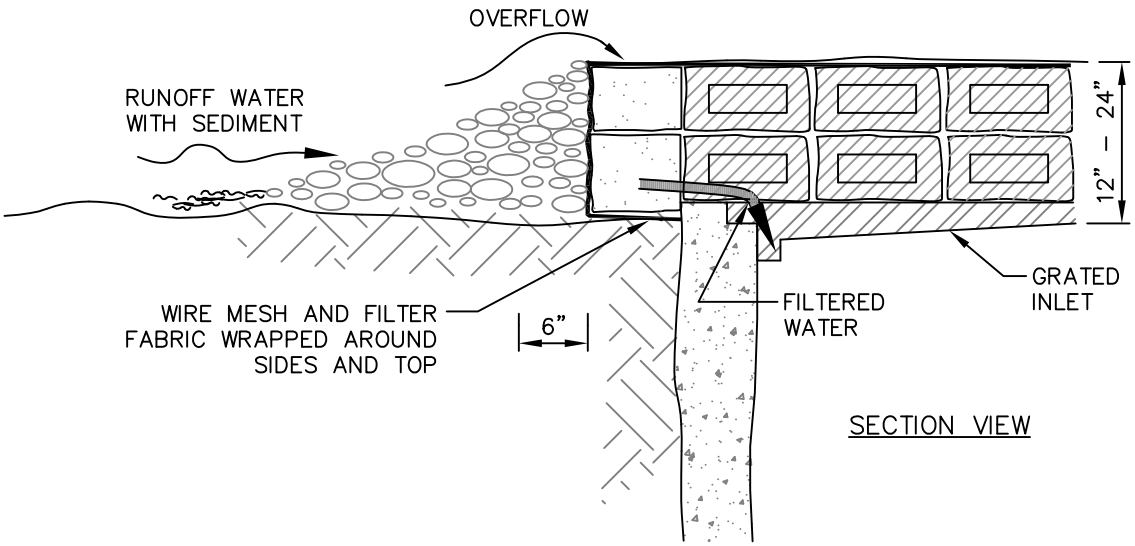

GIG HARBOR
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ENGINEERING DIVISION

INLET BLOCK AND GRAVEL FILTER SCHEMATIC

SECTION C
DETAIL N.T.S.
2.0

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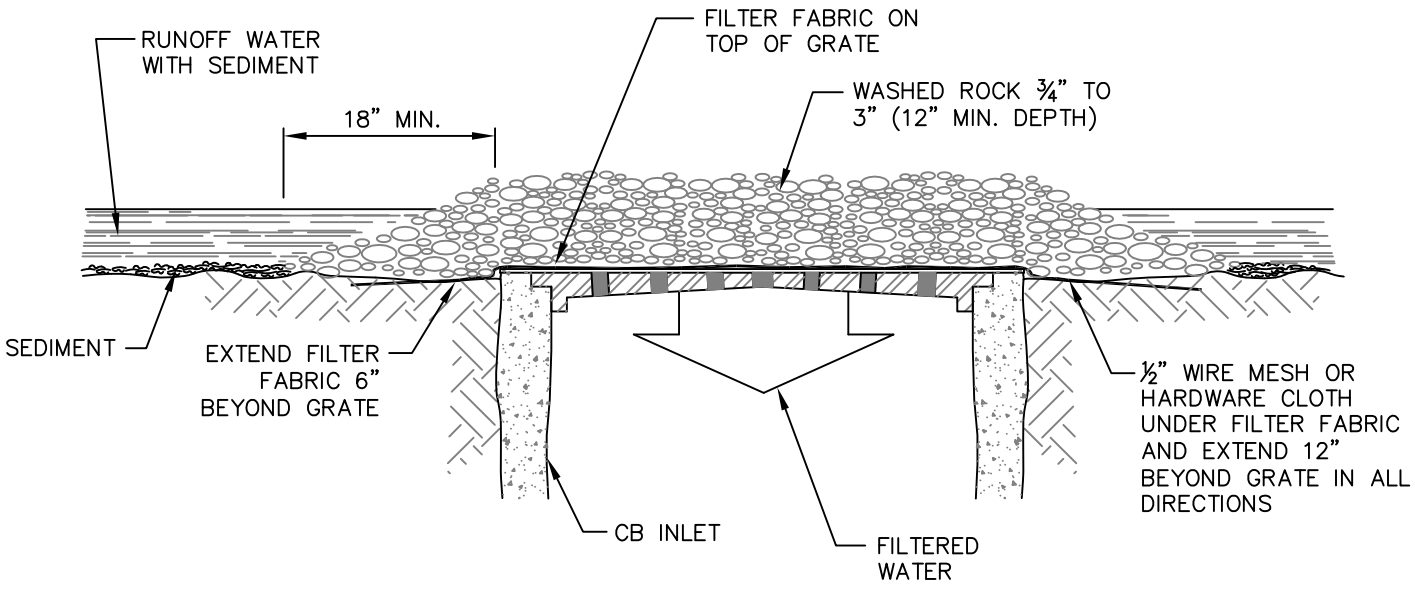

GIG HARBOR "THE MARITIME CITY"

ENGINEERING DIVISION

TEMPORARY SEDIMENT CONTROL INLET GRAVEL AND WIRE MESH FILTER

SECTION C
DETAIL N.T.S.
3.0

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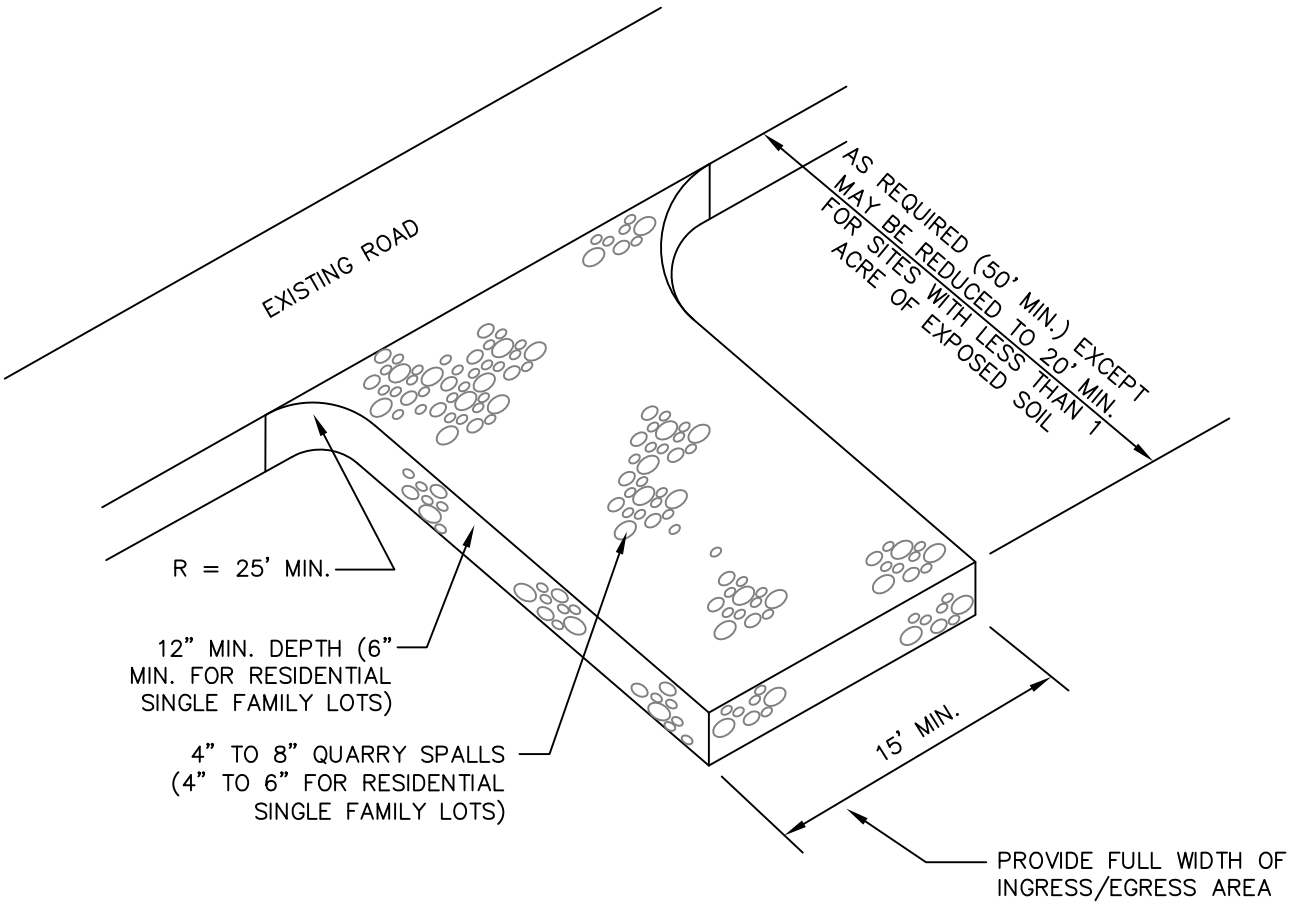

GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

CONSTRUCTION ENTRANCE ROCK PAD

SECTION C
DETAIL N.T.S.
4.0

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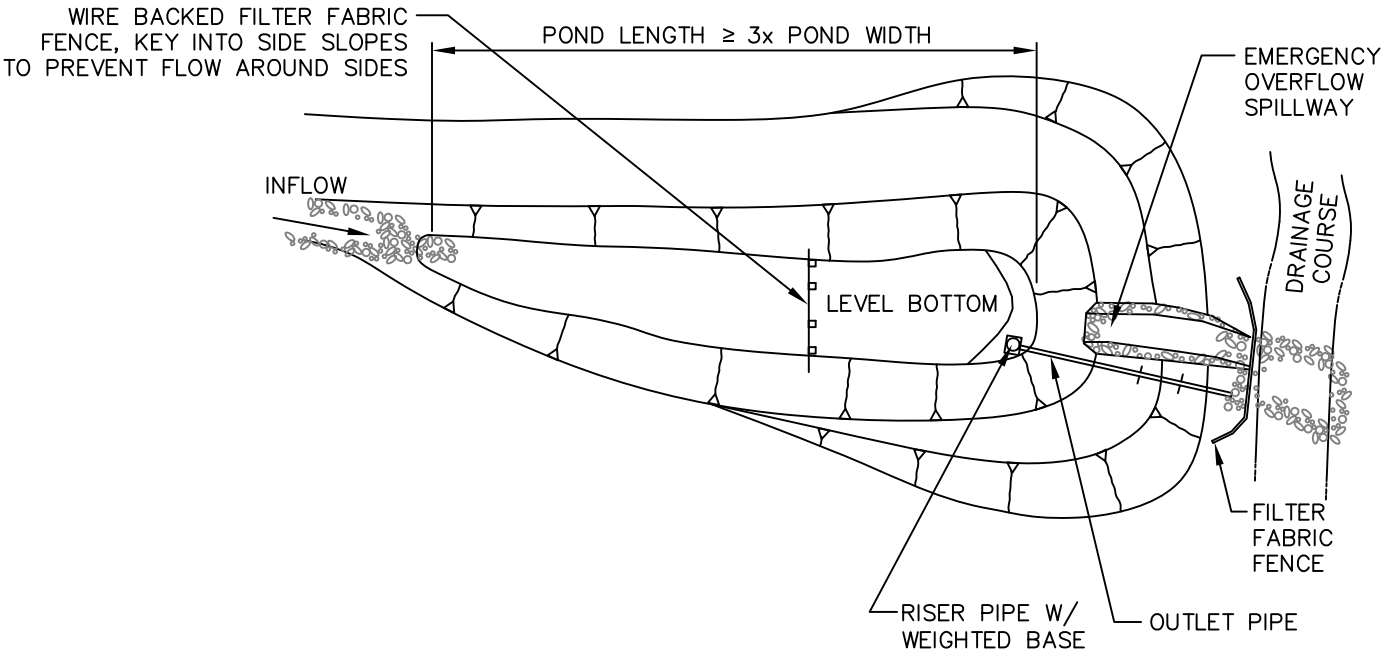

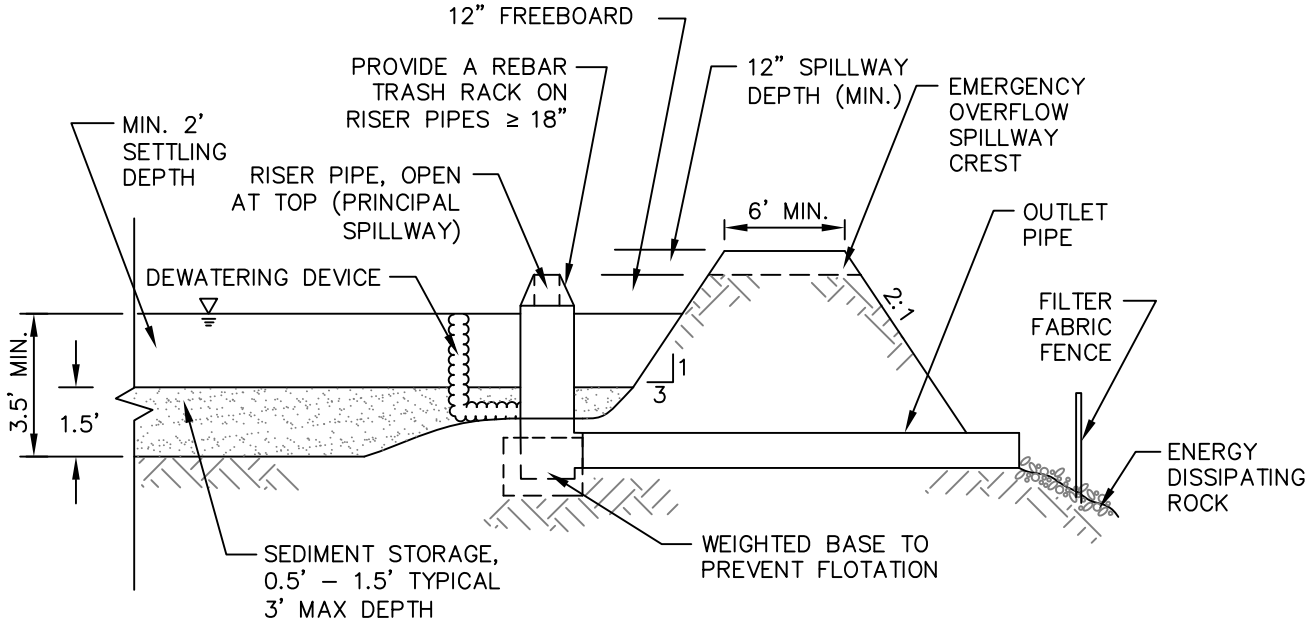

SECTION THROUGH OUTLET

GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

SEDIMENT POND

SECTION C
DETAIL N.T.S.
5.0

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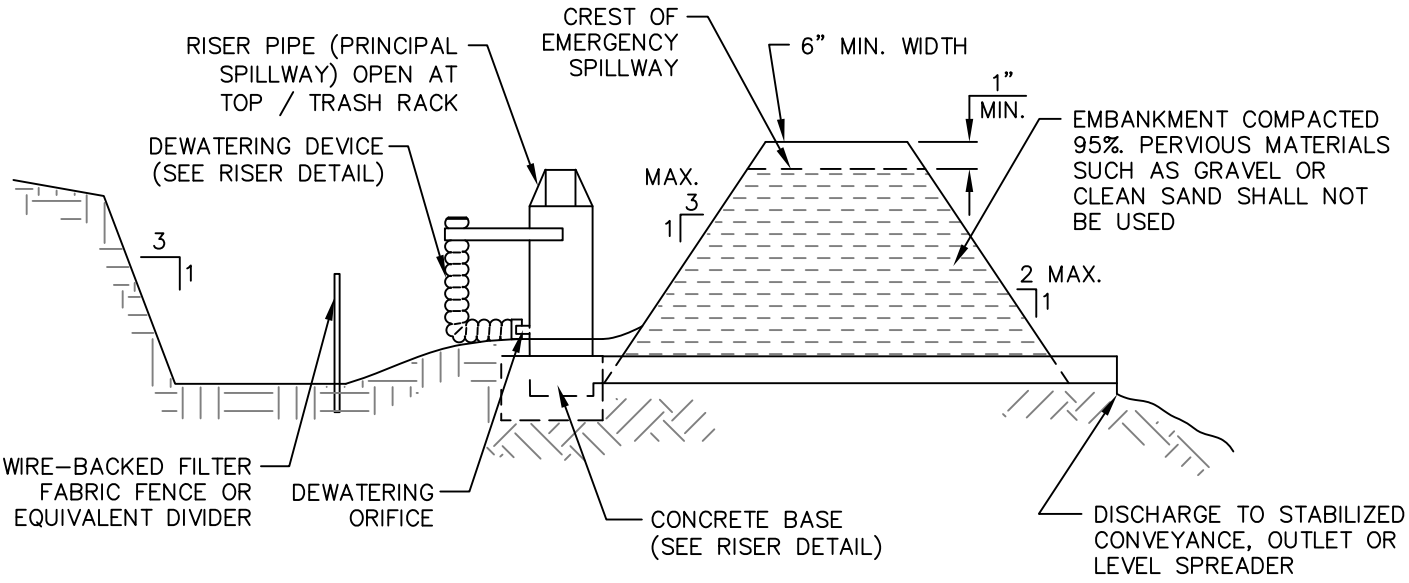

GIG HARBOR "THE MARITIME CITY"

ENGINEERING DIVISION

SEDIMENT POND CROSS-SECTION

SECTION C
DETAIL N.T.S.
5.1

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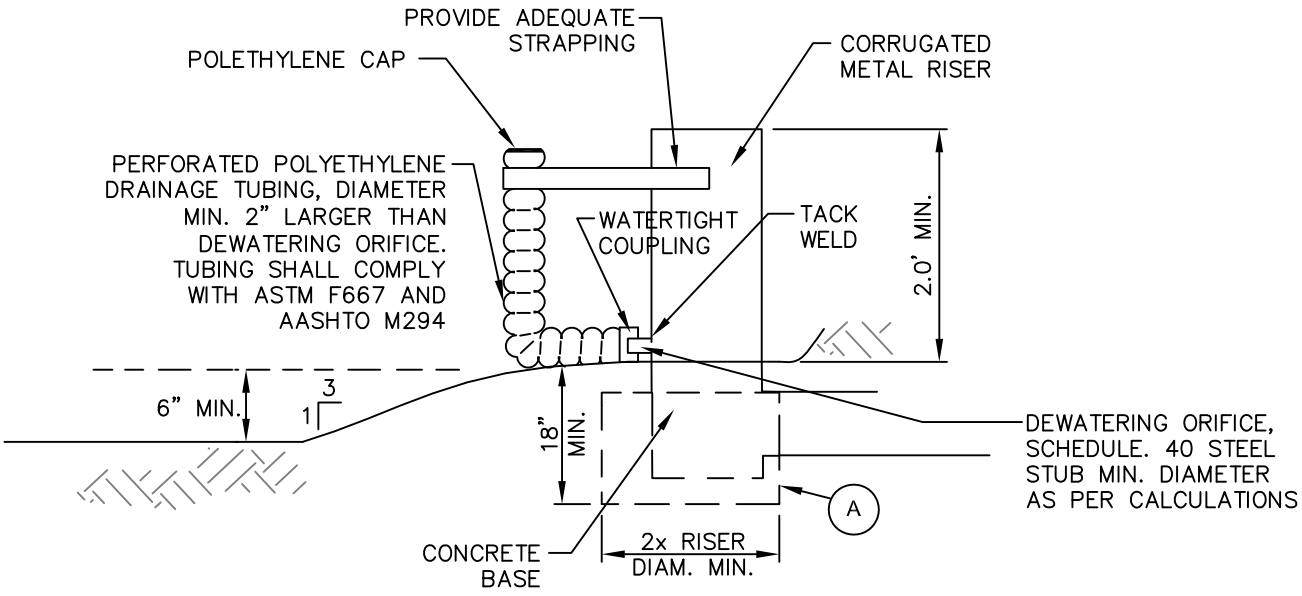

(A) ALTERNATIVELY, METAL STAKES AND WIRE MAY BE USED TO PREVENT FLOTATION

MAINTENANCE STANDARDS:

1. SEDIMENT SHALL BE REMOVED FROM THE POND WHEN IT REACHES 1' IN DEPTH.
2. ANY DAMAGE TO THE POND EMBANKMENTS OR SLOPES SHALL BE REPAIRED.

GIG HARBOR "THE MARITIME CITY"

ENGINEERING DIVISION

RISER

SECTION C
DETAIL N.T.S.
5.2

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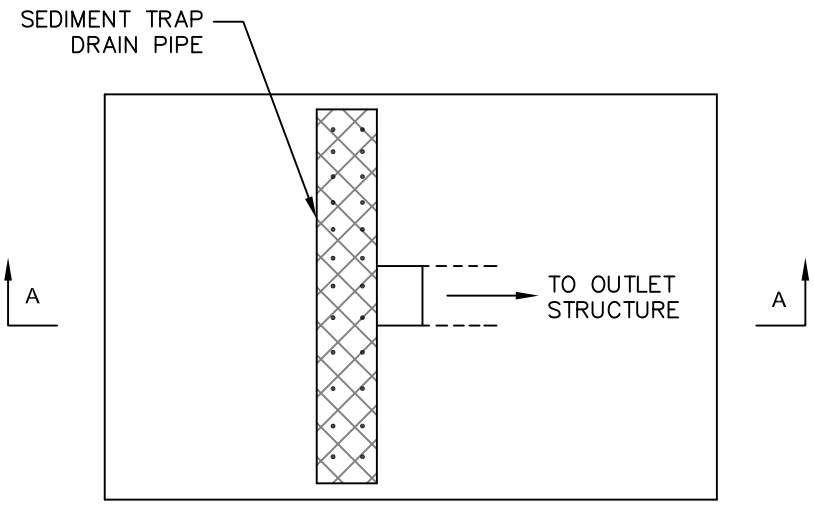
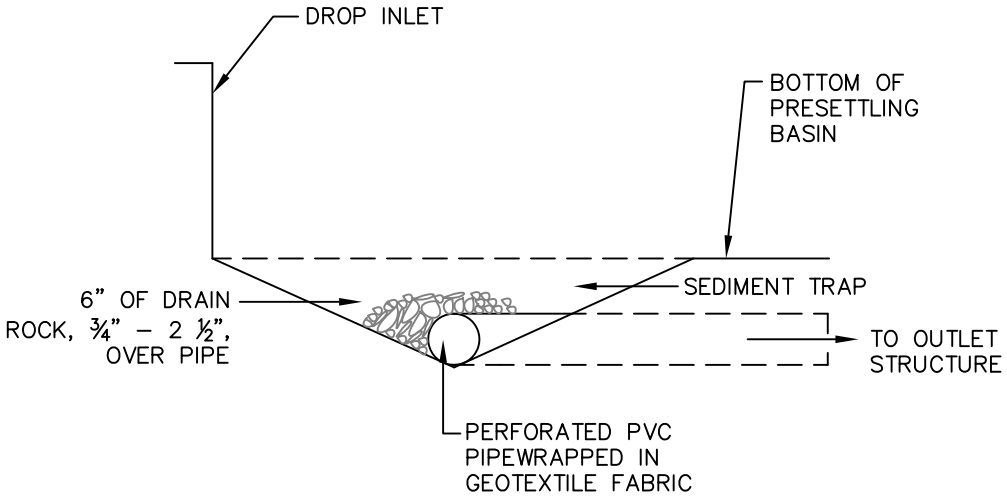


PLAN VIEW
(GRAVEL NOT SHOWN)



SECTION A–A

GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

PERMANENT SEDIMENT TRAP FOR PRESETTLING BASIN

SECTION C
DETAIL N.T.S.
6.0

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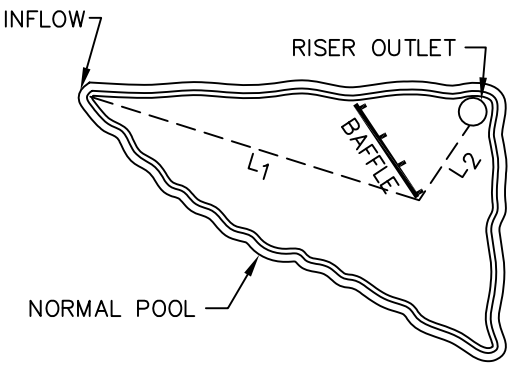
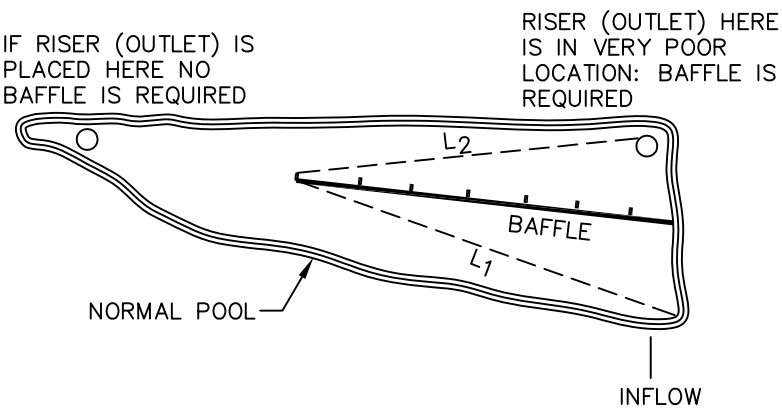
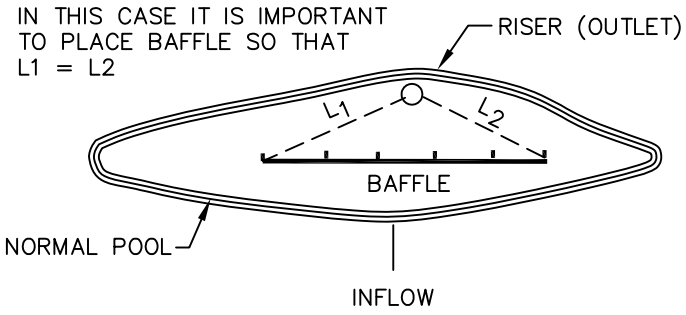
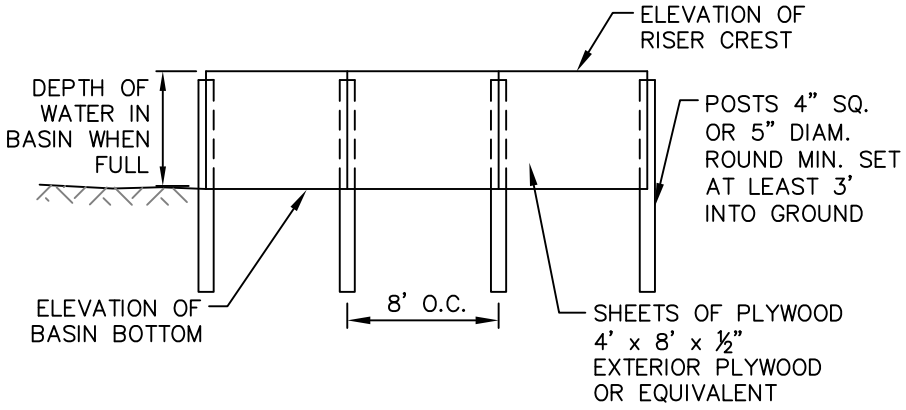
CITY ENGINEER _____ DATE 1/1/2014









GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

TEMPORARY SEDIMENTATION POND BAFFLES

SECTION C
DETAIL N.T.S.
7.0

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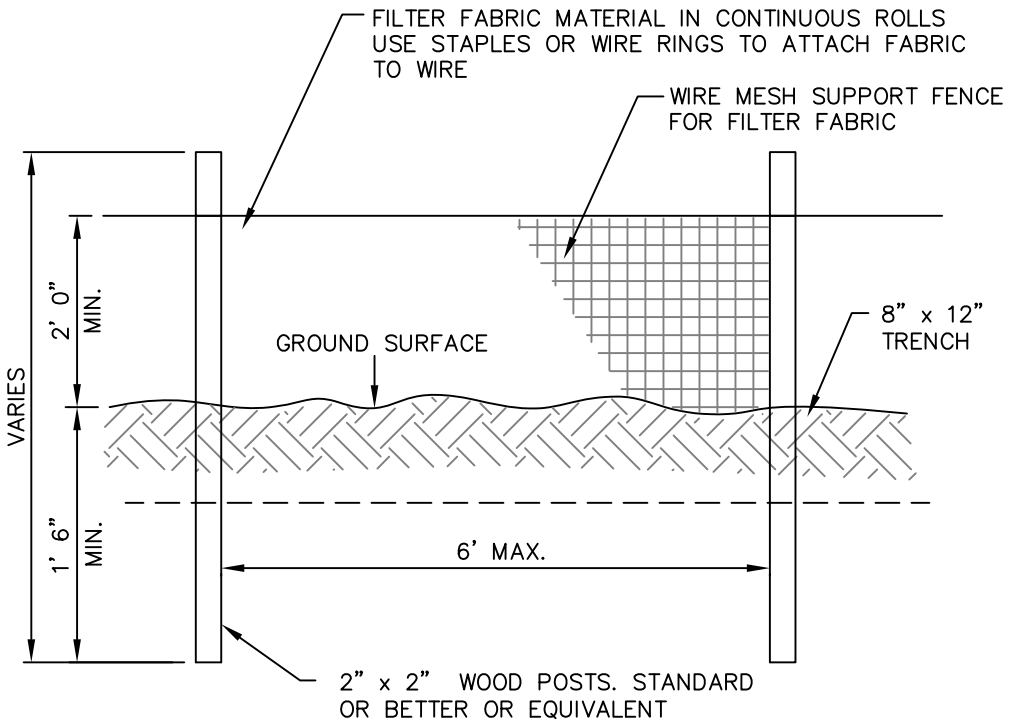
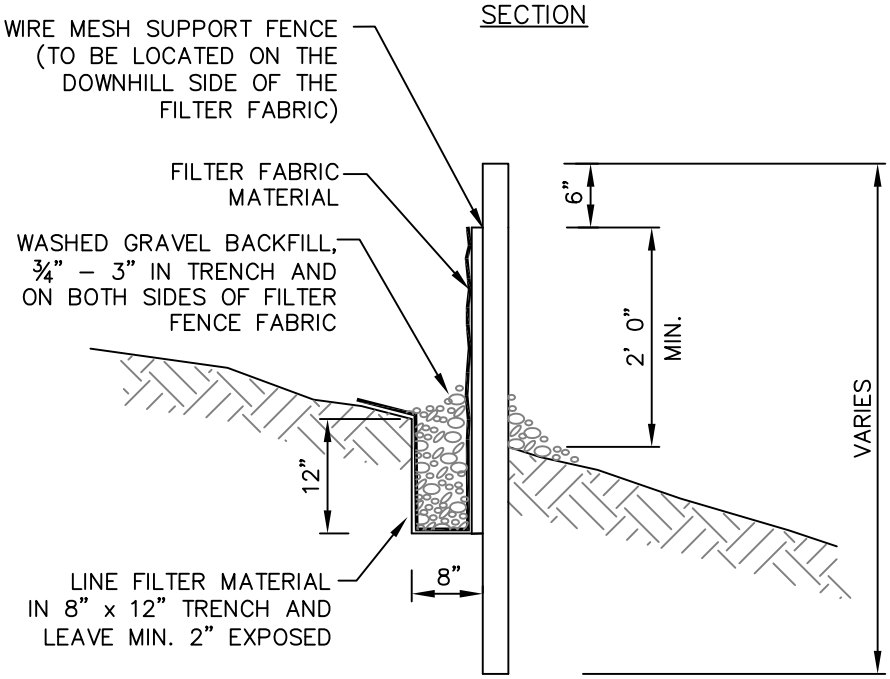


SECTION



SECTION

GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

FILTER FABRIC FENCE

SECTION C
DETAIL N.T.S.
8.0

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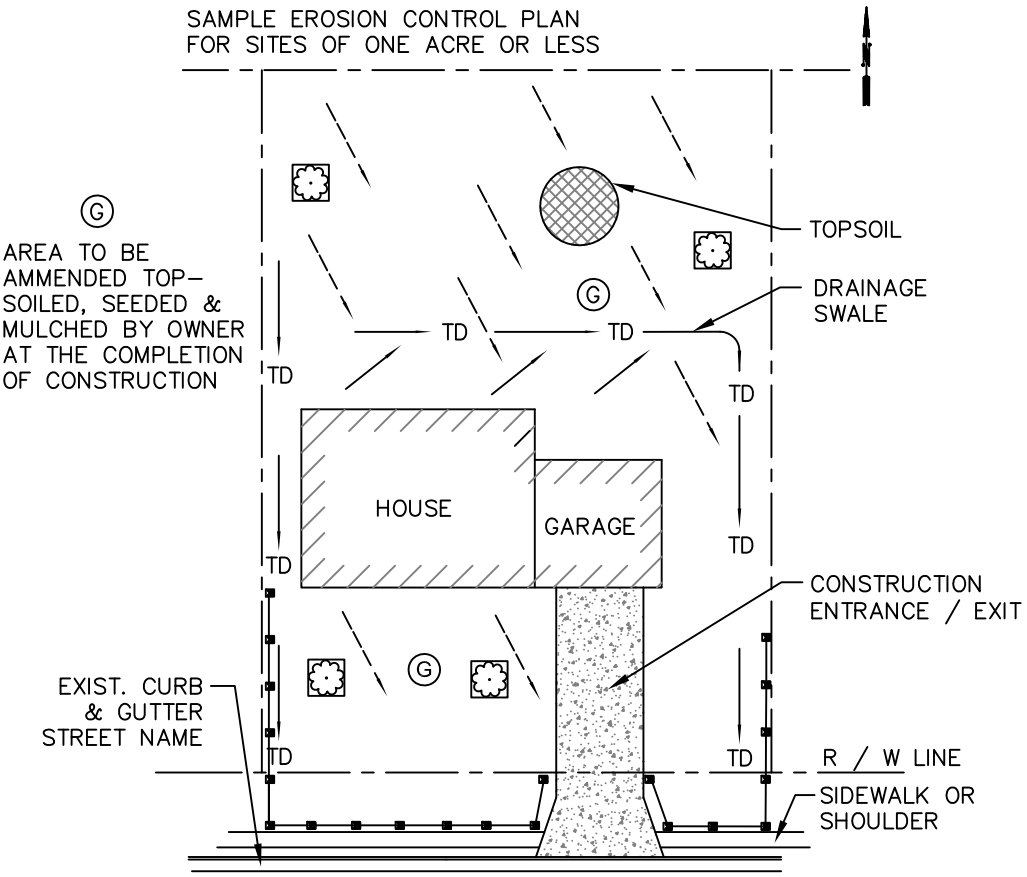
CITY ENGINEER _____ DATE 1/1/2014



EROSION CONTROL PLAN LEGEND

- EXISTING DRAINAGE
- PROPERTY LINE
- TD — TEMPORARY DIVERSION
- LIMITS OF GRADING
- SILT FENCE
- GRAVEL
- G — VEGETATION SPECIFICATION AREA
- TREE PRESERVATION
- STOCKPILED TOPSOIL

PROJECT LOCATION:	
PROPERTY OWNER:	
CONTRACTOR:	
PREPARED BY:	DATE:

GIG HARBOR "THE MARITIME CITY"

ENGINEERING DIVISION

EROSION CONTROL PRACTICES FOR SINGLE FAMILY RESIDENCES

SECTION C
DETAIL N.T.S.
9.0

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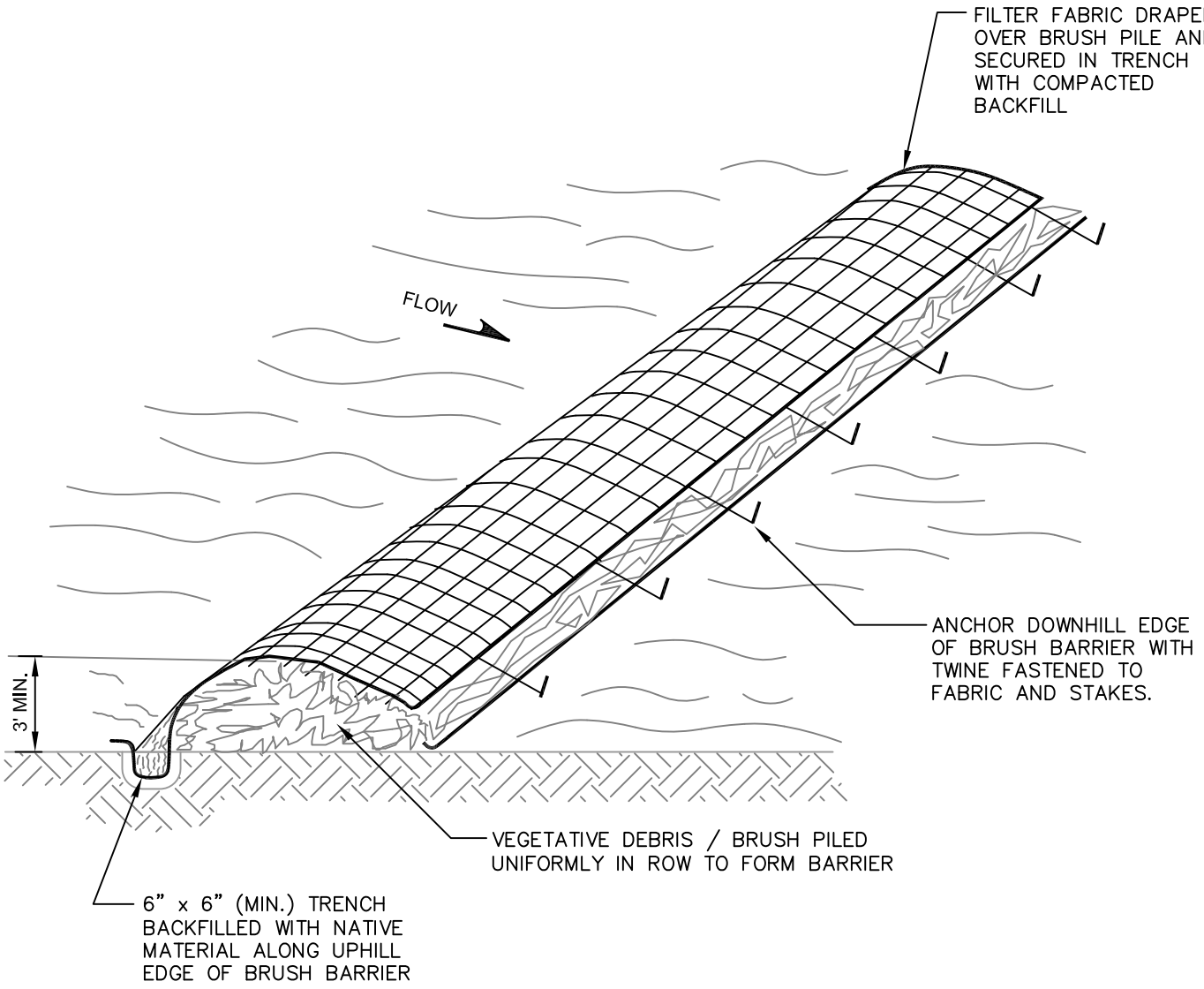

GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

BRUSH BARRIER

SECTION C
DETAIL N.T.S.
11.0

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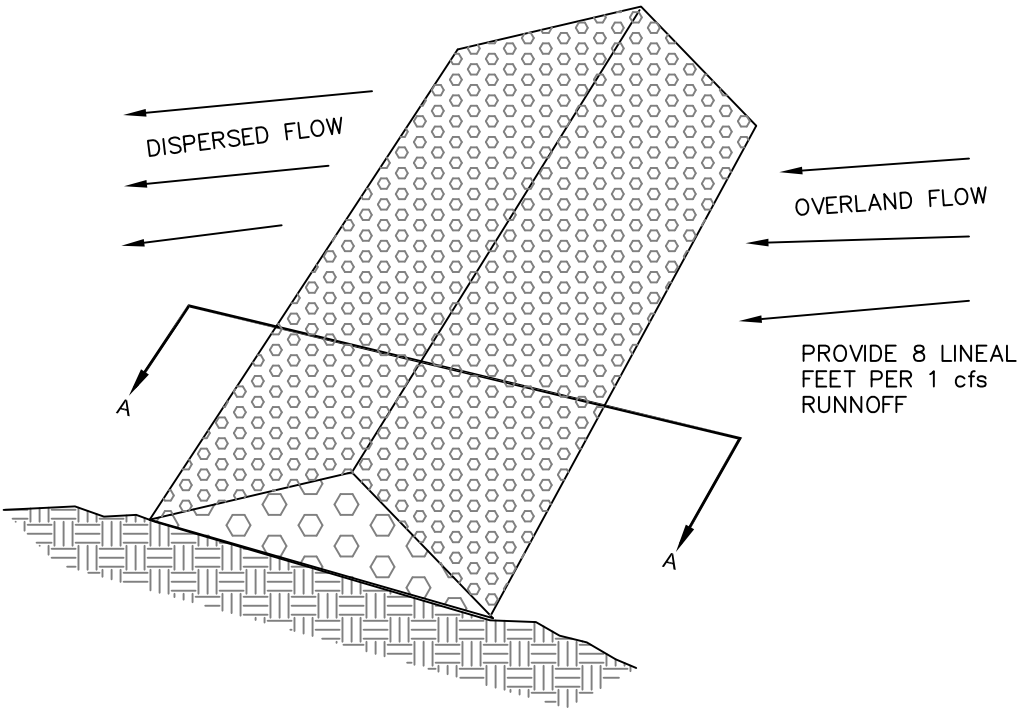

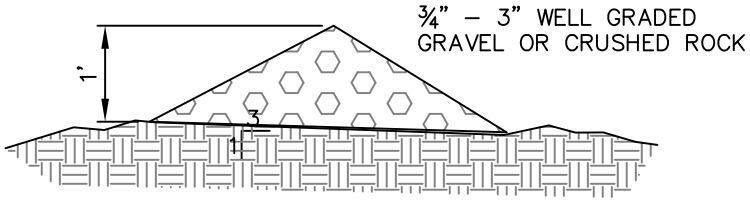

CROSS SECTION OF GRAVEL FILTER BERM

NOTE: MAXIMUM DRAINAGE AREA TO BERM IS 5 ACRES

GIG HARBOR "THE MARITIME CITY"

ENGINEERING DIVISION

GRAVEL FILTER BERM

SECTION C
DETAIL N.T.S.
12.0

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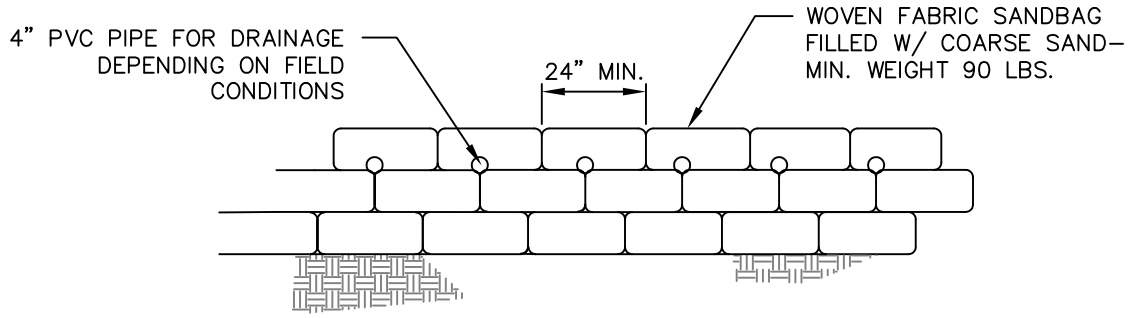
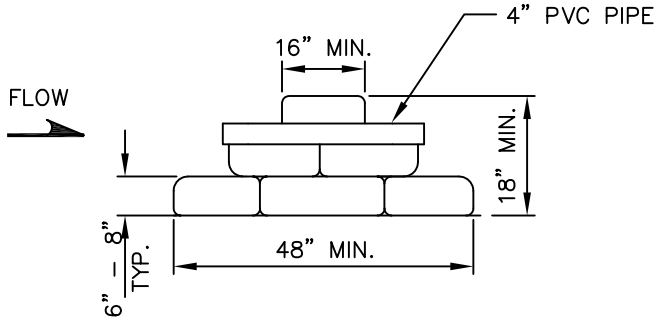


FRONT VIEW



CROSS SECTION

NOTES:

1. WHEN SANDBAG IS FILLED WITH COARSE GRADE SAND MATERIAL, THE OPEN END SHOULD BE STAPLED OR TIED WITH NYLON OR POLY CORD. THE WEIGH SHALL BE 90 – 125 LBS.

2. SANDBAGS SHOULD BE STACKED IN AT LEAST THREE VERTICAL ROWS ABUTTING EACH OTHER, AND IN STAGGERED ARRANGEMENT. (REFER TO FRONT VIEW).

3. THE BASE OF THE BERM SHOULD BE AT LEAST 3 SANDBAGS DEEP AND CAN BE REDUCED TO 2 AND 1 BAG IN THE SECOND AND THIRD ROWS RESPECTIVELY. (REFER TO CROSS SECTION).

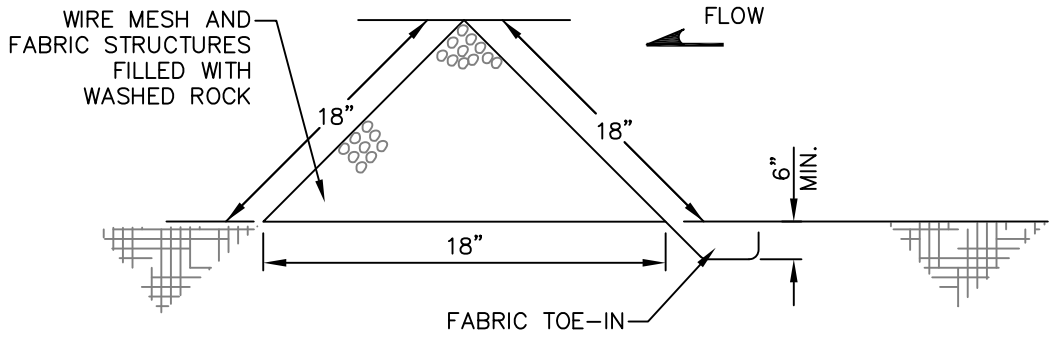
GIG HARBOR
THE MARITIME CITY

ENGINEERING DIVISION

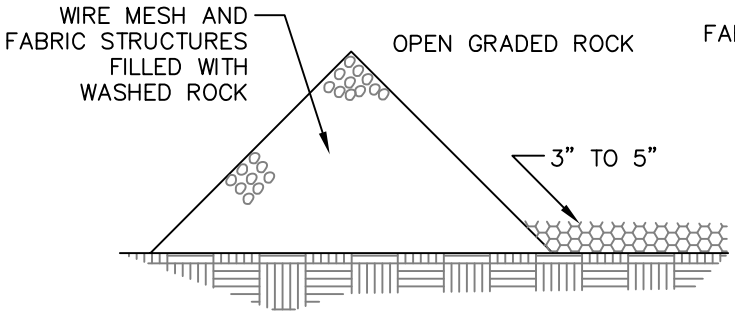
SANDBAG BERM

SECTION C
DETAIL N.T.S.
13.0

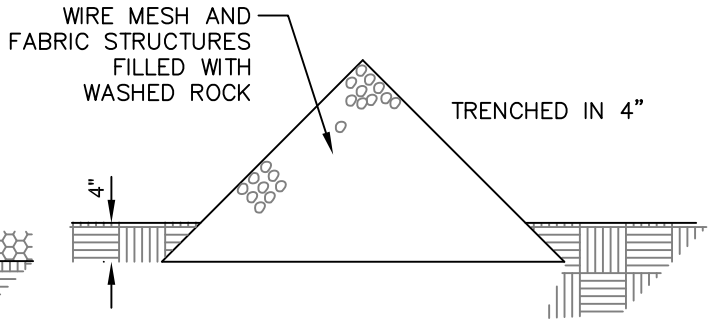
APPROVED BY
CITY ENGINEER _____ DATE 1/1/2014



OPTION 1



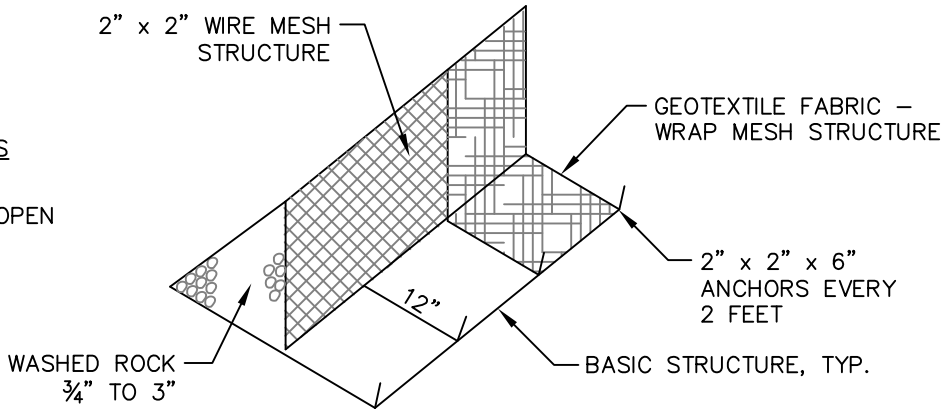
OPTION 2



OPTION 3

INSTALLATION DETAIL OPTIONS

1) TOE–IN 6" MIN.
2) WEIGHTED WITH 3"–5" OPEN GRATED ROCK
3) TRENCHED IN 4"



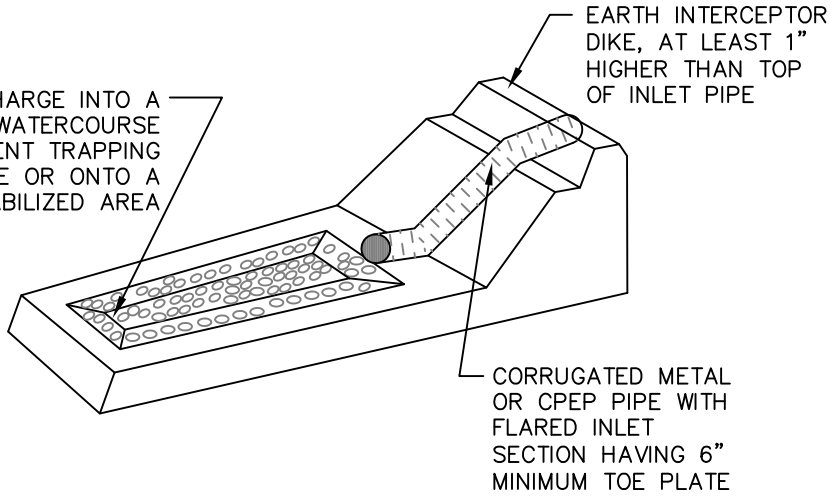
GIG HARBOR
"THE MARITIME CITY"

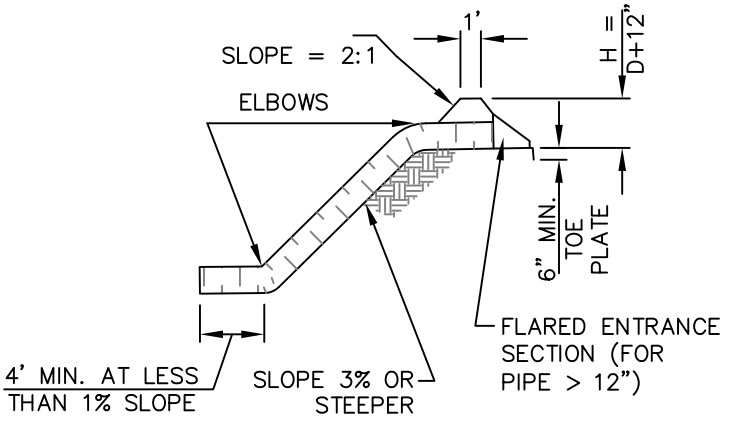
ENGINEERING DIVISION

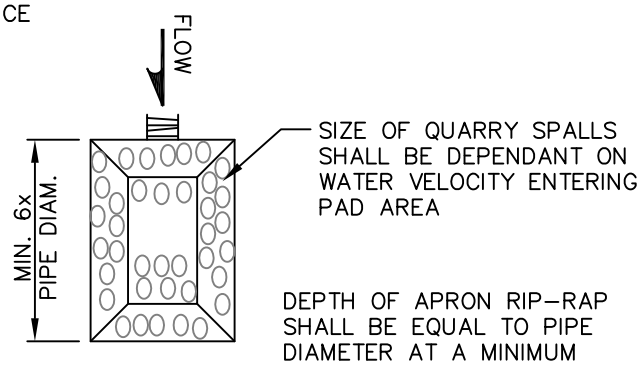
TRIANGULAR SEDIMENT FILTER DIKE

SECTION C
DETAIL N.T.S.
14.0

APPROVED BY
CITY ENGINEER _____ DATE 1/1/2014







NOTE:
D= NOMINAL PIPE DIAM.

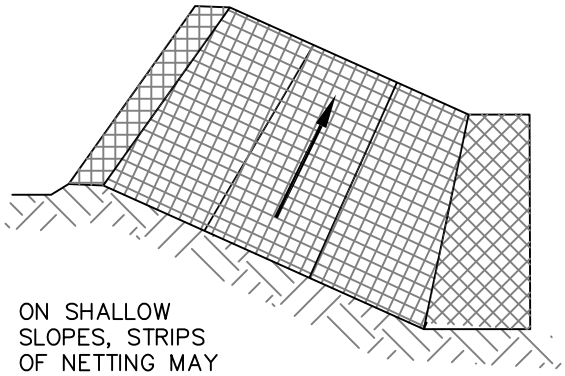
GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

PIPE SLOPE DRAINS

SECTION C
DETAIL N.T.S.
15.0

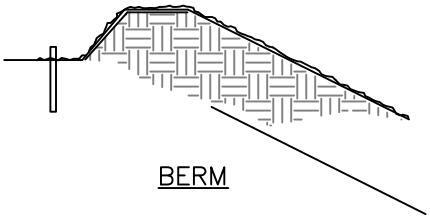
APPROVED BY CITY ENGINEER _____ DATE 1/1/2014



ON SHALLOW SLOPES, STRIPS OF NETTING MAY BE APPLIED ACROSS THE SLOPE (SLOPES UP TO 1:1)

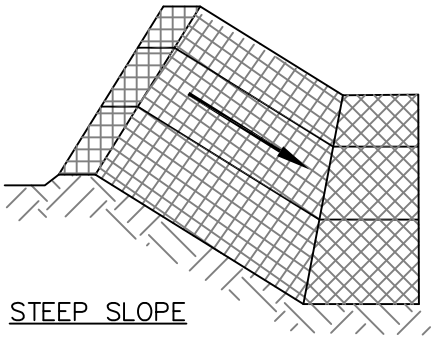
SHALLOW SLOPE

WHERE THERE IS A BERM AT THE TOP OF THE SLOPE, BRING THE NETTING OVER THE BERM AND ANCHOR IT BEHIND THE BERM LINE.



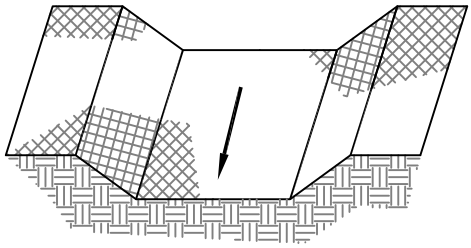
BERM

BRING NETTING DOWN TO A LEVEL AREA BEFORE TERMINATING THE INSTALLATION. TURN THE END UNDER 6" AND STAPLE AT 12" INTERVALS.



STEEP SLOPE

ON STEEP SLOPES, APPLY STRIPS OF NETTING PARALLEL TO THE DIRECTION OF FLOW AND ANCHOR SECURELY.



SHALLOW SLOPE

IN DITCHES, APPLY NETTING PARALLEL TO THE DIRECTION OF FLOW. USE CHECK SLOTS EVERY 15'. DO NOT JOIN STRIPS IN THE CENTER OF THE DITCH.

GIG HARBOR "THE MARITIME CITY"

ENGINEERING DIVISION

EROSION CONTROL BLANKETS

SECTION C
DETAIL N.T.S.
16.0

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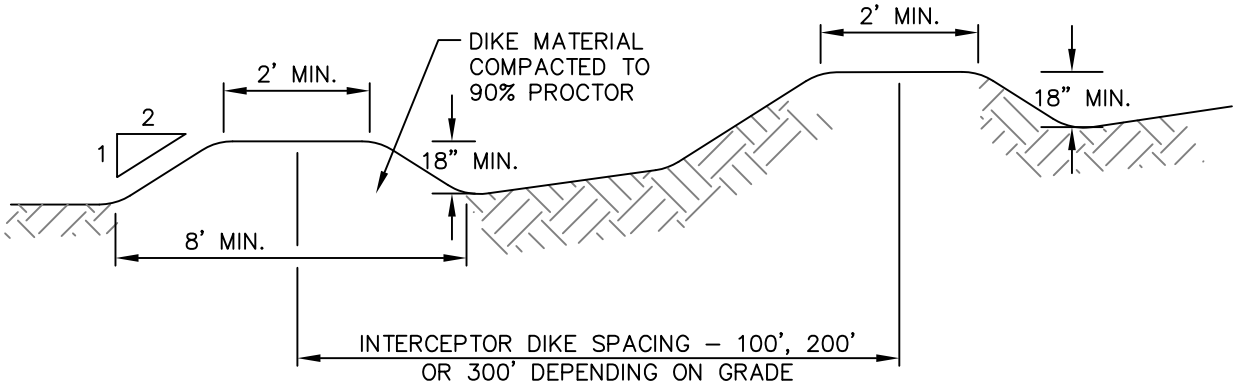
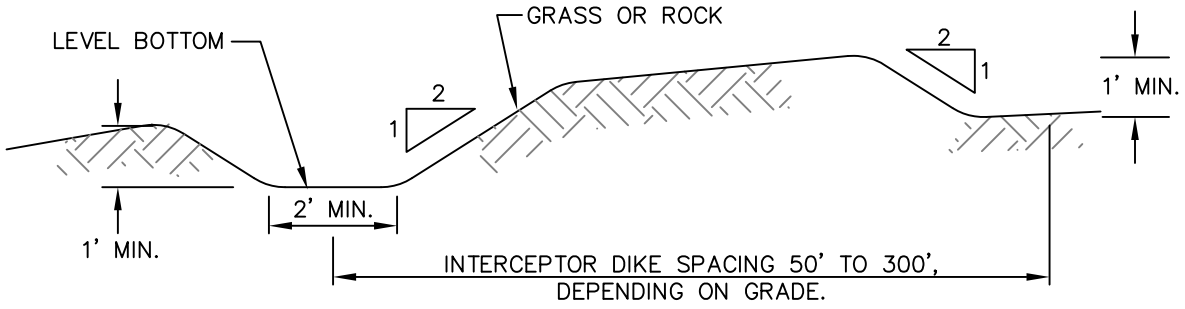


(A) INTERCEPTOR DIKES

SECTION



(B) INTERCEPTOR SWALE

SECTION

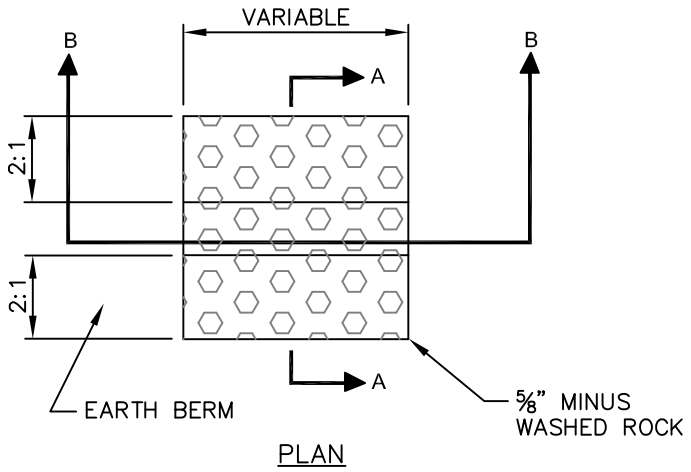
GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

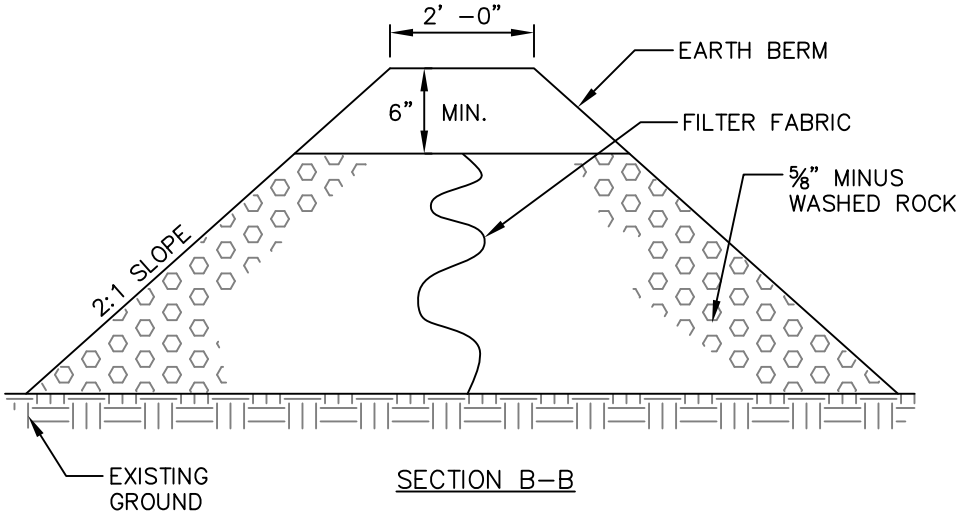
TEMPORARY INTERCEPTOR DIKES AND SWALES

SECTION C
DETAIL N.T.S.
17.0

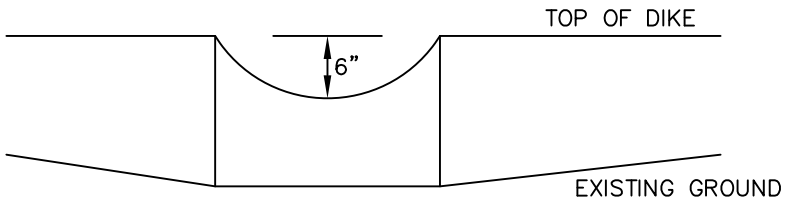
APPROVED BY
CITY ENGINEER _____ DATE 1/1/2014



PLAN



SECTION B–B



SECTION A–A

GIG HARBOR
THE MARITIME CITY

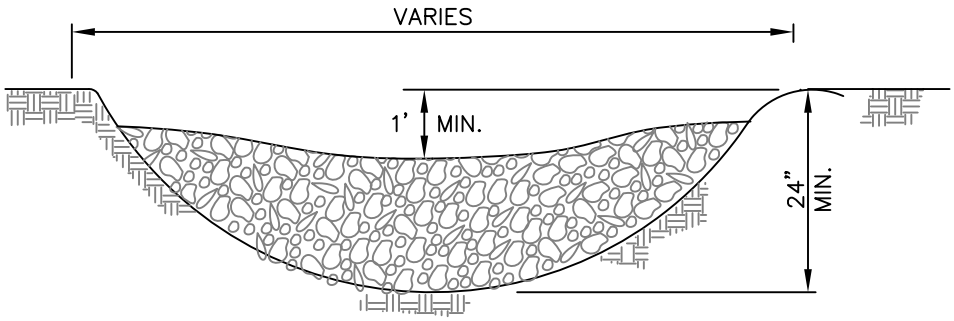
ENGINEERING DIVISION

TEMPORARY GRAVEL OUTLET STRUCTURE

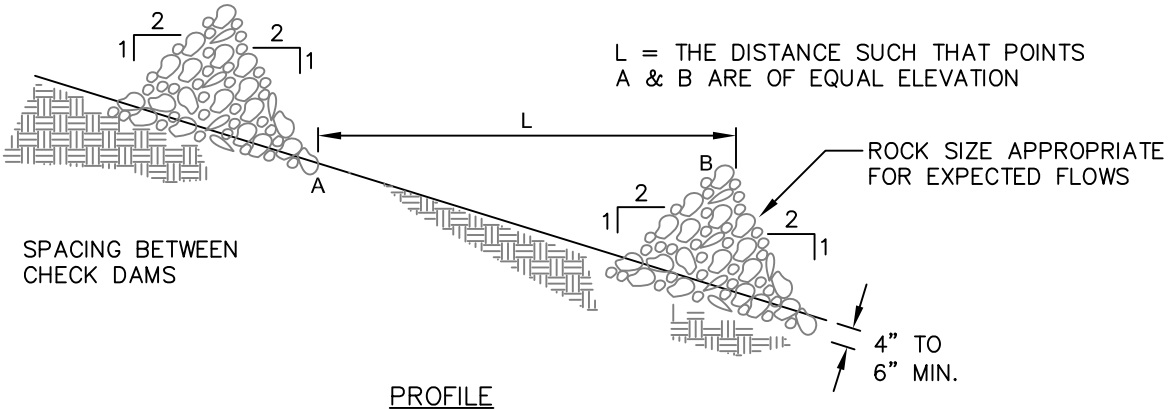
SECTION C
DETAIL N.T.S.
18.0

APPROVED BY
CITY ENGINEER _____

DATE 1/1/2014



SECTION



PROFILE

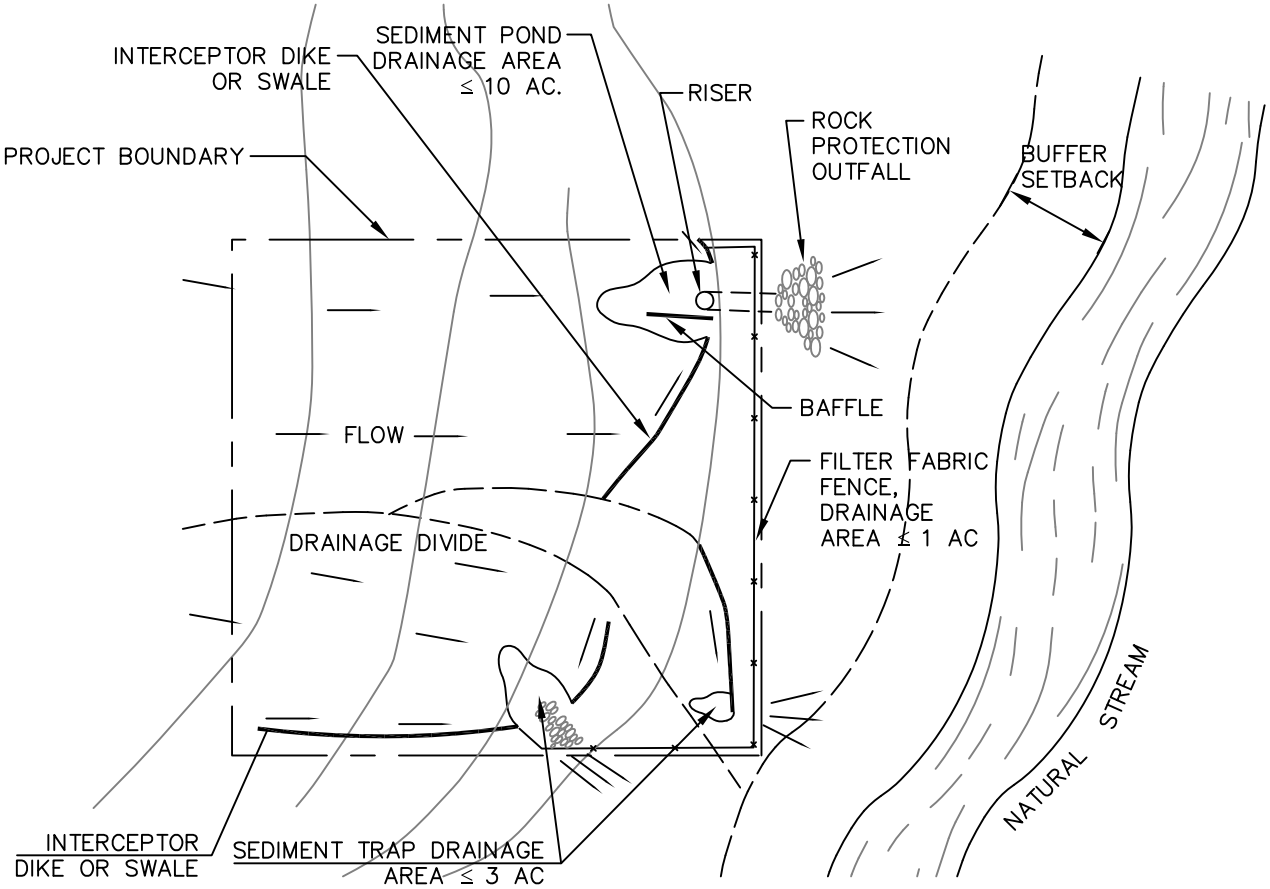
GIG HARBOR
"THE MARITIME CITY"

ENGINEERING DIVISION

ROCK CHECK DAMS

SECTION C
DETAIL N.T.S.
19.0

APPROVED BY
CITY ENGINEER _____ DATE 1/1/2014



GIG HARBOR
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ENGINEERING DIVISION

ESC STRUCTURAL PRACTICES

SECTION C
DETAIL N.T.S.
20.0

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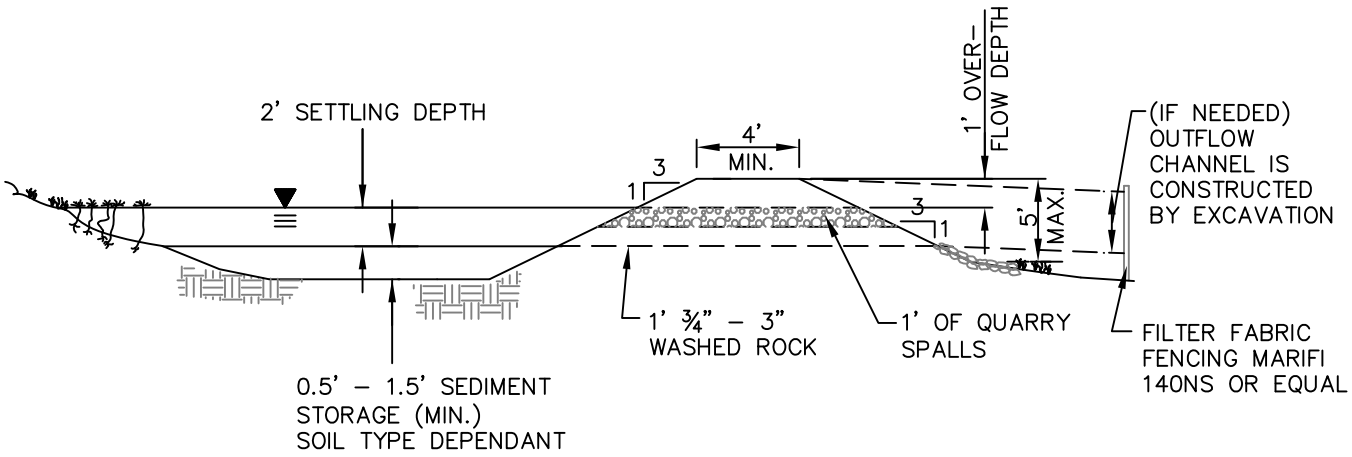

CROSS SECTION

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SEDIMENT TRAP

SECTION C
DETAIL N.T.S.
21.0

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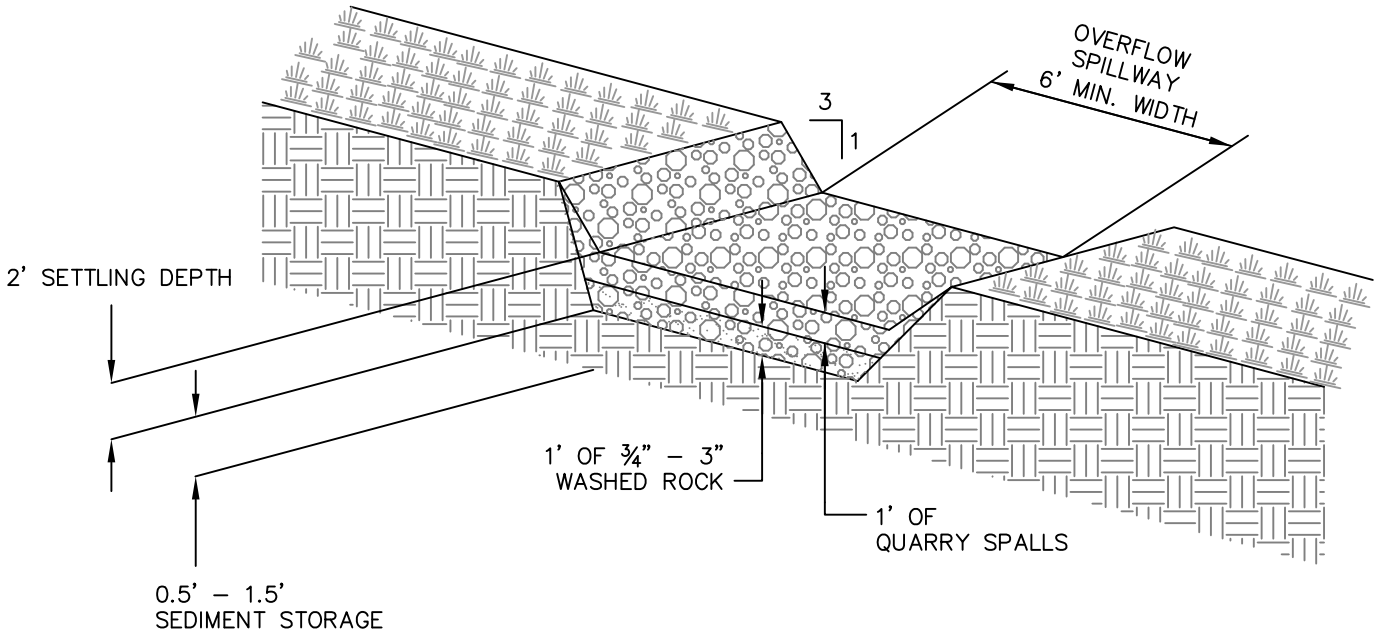

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SEDIMENT TRAP OUTLET

SECTION C
DETAIL N.T.S.
22.0

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