

SEPARATION/FILTER ROCK SPECIFICATIONS

1. SEPARATION/FILTER ROCK SHALL BE WASHED ROCK.
2. THE COARSE SAND PORTION SHALL MEET HAVE THE FOLLOWING GRADATION:

US. STANDARD SIEVE SIZE	PERCENT PASSING
3/8"	100
#4	54-82
#10	34-56
#40	9-17
#100	0-3

3. THE 1/2"-3/8" CRUSHED GRAVEL PORTION SHALL MEET THE FOLLOWING GRADATION (ASTM C-33):

US. STANDARD SIEVE SIZE	PERCENT PASSING
1/2"	100
3/8"	85-100
#4	10-30
#10	0-10
#8	0-10
#16	0-5

4. UNIFORMLY GRADED STORAGE ROCK SHALL MEET THE FOLLOWING GRADATION:

US. STANDARD SIEVE SIZE	PERCENT PASSING
1 1/2"	100
1"	95-100
1/2"	25-60
#4	0-10
#8	0-5

UNIFORMLY GRADED STORAGE ROCK SHALL HAVE A MINIMUM VOID RATIO OF 30%.

LINED FILTRATION RAIN GARDEN (3)

STANDARD
DETAIL



CITY OF BATTLE GROUND
APPROVED

Mark Heneg

06/11/2018

CITY ENGINEER

DATE

REVISIONS:	DATE:	DRAWN:	DESIGNED:
1	01/23/17	KDU	KDU
2	02/08/17	CAS	KDU

ST-13.07