Appendix D: Example Single-Family Individual Lot GESC Plans

FOR LOTS BEING DEVELOPED ADJACENT TO EXISTING HOMES/LANDSCAPING, SILT FENCE OR SEDIMENT CONTROL LOGS SHALL RUN THE LENGTH OF THE PROPERTY ON THE LOW SIDES OF THE DISTURBANCE.

SILT FENCE or SEDIMENT CONTROL LOGS

COMMON DRAINAGE SWALE BETWEEN HOUSES (SEE DETAIL SHEET 7)

SEDIMENT CONTROL LOG ALONG BACK OF WALK

PROPERTY LINE

SILT FENCE or SEDIMENT CONTROL LOGS

COMMON DRAINAGE SWALE BETWEEN HOUSES (SEE DETAIL SHEET 4)

VTC OR STABILIZED ACCESS POINT NECESSARY ONLY IF ACCESS TO SITE IS FROM A PAVED AREA

NOTE: AN EQUIVALENT BMP MAY BE USED FOR SILT FENCE OR SEDIMENT CONTROL LOGS IF APPROVED BY THE SEMSWA INSPECTOR

SILT FENCE / SEDIMENT CONTROL LOG

DIRECTION OF SURFACE WATER RUNOFF

EROSION CONTROL BLANKET

EXAMPLE OF SINGLE FAMILY LOT EROSION CONTROL PLAN
LOT CONTROL MEASURES
REVISED OCTOBER, 2017

Appendix D SHEET 1 OF 4
Appendix D: Example Single-Family Individual Lot GESC Plans

For lots being developed adjacent to existing homes/landscaping, silt fence or sediment control logs shall run the length of the property on the low side of the disturbance.

Common drainage swale between houses

See detail sheet 7

Silt fence or sediment control logs (typical)

Sediment control log along back of walk

VTC or stabilized access point necessary only if access to site is from a paved area

Note: An equivalent control measure may be used for silt fence or sediment control logs if approved by the SEMSWA inspector

Diagram with symbols:
- Silt fence / Sediment control log
- Direction of surface water runoff
- Erosion control blanket

Example of single family lot erosion control plan
Lot control measures

Sheet 2 of 4
Appendix D: Example Single-Family Individual Lot GESC Plans

LIMITS OF CONSTRUCTION

UNDISTURBED VEGETATION

HOUSE

STAGING AREA

SF

SF

UNDISTURBED VEGETATION

FUTURE DRIVEWAY

VTC OR STABILIZED ACCESS POINT NECESSARY ONLY IF ACCESS TO SITE IS FROM A PAVED AREA

PAVED ROAD

NOTE: THIS PLAN MAY BE USED WHEN ONLY A PART OF THE LOT IS DISTURBED.

x SILT FENCE / SEDIMENT CONTROL LOG

DIRECTION OF SURFACE WATER RUNOFF

Appendix D

SINGLE FAMILY LOT EROSION CONTROL PLAN

LARGE LOT REVISED OCTOBER, 2017

SHEET 3 OF 4
Appendix D: Example Single-Family Individual Lot GESC Plans

COMMON DRAINAGE SWALE AND DOWNSPOUT PROTECTION DETAIL
(BETWEEN HOUSES)

FLOW

House

Erosion Control Blanket

Stabilized Surface

Downspout

Depression Between Houses

Erosion Control Blanket

Downspout

Sediment Control Log or Rock Check Dam

NOTE: DETAIL MUST BE IMPLEMENTED WHEN DOWNSPOUTS ARE INSTALLED ON HOUSE(S)

EXAMPLE: DOWNSPOUT PROTECTION DETAIL

Runoff

Downspout

Pipe

Note: Pipe or ECB Protection

Stabilized Area

Erosion Control Blanket (ECB)