

**TEMPORARY EROSION & SEDIMENT CONTROL (TESC)**

THIS PLAN IS REQUIRED FOR ALL PROJECTS WITH GREATER THAN 500 SQUARE FEET OF LAND DISTURBING ACTIVITIES.

A FIRST GROUND DISTURBANCE INSPECTION IS REQUIRED PRIOR TO START OF WORK ON ALL SITES WITH LAND DISTURBING ACTIVITY.

SCHEDULE A FIRST GROUND DISTURBANCE INSPECTION FOR AN ISSUED BUILDING PERMIT AT (425) 295-0625 OR ONLINE AT WWW2.SAMMAMISH.US.

TEMPORARY AND PERMANENT BEST MANAGEMENT PRACTICES (BMPs) SHALL BE USED TO ACCOMPLISH THE FOLLOWING MINIMUM REQUIREMENTS. ADDITIONAL BMPs ARE REQUIRED WHEN MINIMUM CONTROLS ARE NOT SUFFICIENT TO PREVENT EROSION OR TRANSPORT OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE.

- MARK CLEARING LIMITS
- DELINEATE ENVIRONMENTALLY CRITICAL AREAS
- RETAIN TOP LAYER AND NATIVE VEGETATION
- ESTABLISH CONSTRUCTION ACCESS
- PROTECT DOWNSTREAM PROPERTIES AND RECEIVING WATERS
- PREVENT EROSION AND SEDIMENT TRANSPORT FROM THE SITE
- STABILIZE SOILS
- PROTECT SLOPES
- PROTECT STORM DRAINS
- STABILIZE CHANNEL AND OUTLETS
- CONTROL POLLUTANTS
- CONTROL DEWATERING
- MAINTAIN AND INSPECT BMPs
- EXECUTE CONSTRUCTION STORMWATER CONTROL PLAN
- MINIMIZE OPEN TRENCHES
- PHASE THE PROJECT
- INSTALL PERMANENT FLOW CONTROL AND WATER QUALITY FACILITIES

COMPLETE CONSTRUCTION STORMWATER CONTROL BMP DETAILS AND REQUIREMENTS ARE PROVIDED IN "KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C: SMALL PROJECT DRAINAGE REQUIREMENTS". SHOW ALL BMPs ON THIS PLAN SHEET THAT WILL BE USED TO ACHIEVE THE REQUIREMENTS ABOVE.

**PROJECT SITE PLAN WITH TESC REQUIREMENTS:**

IN ADDITION TO THE TEMPORARY EROSION AND SEDIMENT CONTROL INFORMATION, THE SITE PLAN WITH TESC REQUIREMENTS DRAWING SHALL INDICATE ALL OF THE FOLLOWING INFORMATION:

- DRAWING SCALE (1" = 20'-0" MINIMUM)
- NORTH ARROW
- PROPERTY LINES WITH BOUNDARY DIMENSIONS
- PROPERTY LINE SETBACKS
- ADJACENT ROADS
- BUILDINGS (DIMENSION ON PROPERTY)
- SEPTIC TANK AND DRAINFIELD LOCATION (WHERE APPLICABLE)
- ROOF OVERHANGS
- IMPERVIOUS SURFACES
- EXISTING AND NEW TOPOGRAPHIC CONTOURS
- STORM DRAINS AND SITE DRAINAGE
- ROCKERIES AND RETAINING WALLS (SEPARATE PERMITS REQUIRED)
- SIGNIFICANT TREES

**IMPERVIOUS SURFACE CALCULATION:**

ALL PROJECTS MUST COMPLY WITH THE IMPERVIOUS SURFACE LOT REQUIREMENTS OF THE SAMMAMISH MUNICIPAL CODE SECTION 21A.25.030

1. ALLOWED IMPERVIOUS AREA:	
2. GROSS LOT AREA:	
3. MAIN BUILDING ROOF AREA:	
4. ACCESSORY BUILDING ROOF AREAS:	
5. IMPERVIOUS DECK, PATIO, PATH AREAS:	
6. VEHICULAR DRIVEWAY:	
7. TOTAL NEW IMPERVIOUS AREA (TOTAL OF ROWS 3-6):	
8. TOTAL EXISTING IMPERVIOUS AREA:	
9. (TOTAL EXISTING AREA REMOVED):	
<b>TOTAL PROJECT IMPERVIOUS AREA:</b>	

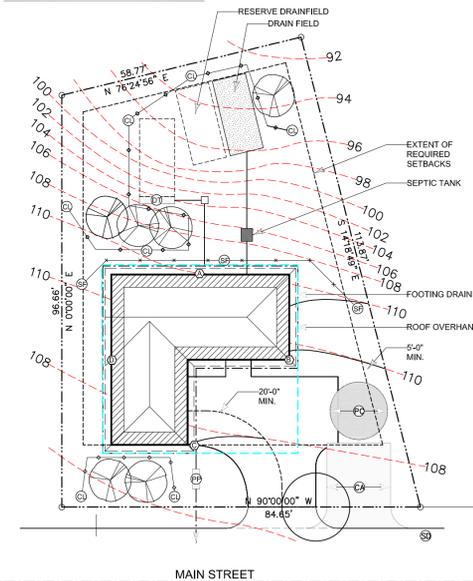
**AVERAGE BUILDING HEIGHT CALCULATION:  
(FOR UPLAND ONLY) Reference smc 21A.25.050**

MID POINT LINE	ELEVATION AT MID POINT	DIVIDE TOTAL ELEVATION BY THE NUMBER OF WALL SEGMENTS: 438 / 4 = 109.50 AVERAGE FINISH GRADE ADD 35' TO AVERAGE FINISH GRADE FOR MAXIMUM RIDGE HEIGHT: 109.58 + 35 = 142.58 MAXIMUM RIDGE HEIGHT	
A	109.00	TOTAL	142.58 141.00
B	110.00		
C	109.00		
D	110.00		
TOTAL		438.00	MAXIMUM RIDGE HEIGHT PROPOSED RIDGE HEIGHT

FOR ADDITIONAL SUBMITTAL REQUIREMENTS FOR SINGLE FAMILY NEW CONSTRUCTION, ADDITIONS AND REMODELS, DOWNLOAD THE "PERMIT CHECKLIST" HERE: <http://www.sammamish.us/files/document/15216.pdf>

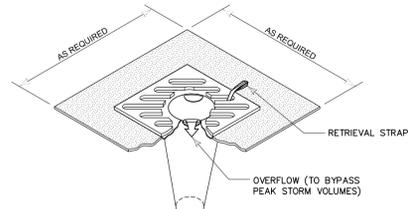
FOR SUBMITTAL REQUIREMENTS FOR A SHORELINE PROPERTY DOWNLOAD THE "HOW TO DETERMINE THE AVERAGE EXISTING GRADE (AEG)" FORM HERE: <http://www.sammamish.us/files/document/13381.pdf>

TESC MEASURES:



**0 EXAMPLE SITE PLAN**  
Scale: 1" = 20 ft

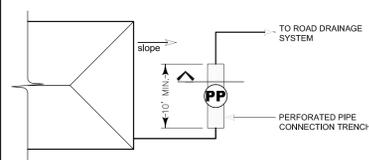
**STORM DRAIN INSERT**



- NOTES:**
1. STORM DRAIN INSERTS NEED TO BE REMOVED AT THE END OF THE PROJECT
  2. STORM DRAIN INSERTS ARE ONLY TO BE INSTALLED IN DRAINAGE DEVICES PER THE MFR. RECOMMENDATIONS. CATCH BASIN INSERTS ARE NOT TO BE INSTALLED CURB INLETS
  3. INSERTS SHALL BE INSPECTED AND MAINTAINED WHEN A 1/2 INCH RAIN ACCUMULATES WITHIN A 24 HOUR PERIOD. CLEAN OR REPLACE INSERT WHEN ONE-THIRD OF THE TRAP IS FILLED WITH SEDIMENT.

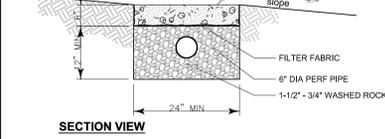
**SYMBOL: SD**

**PERFORATED PIPE CONNECTION C.2.11.A**



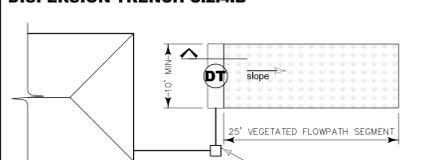
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**DISPERSION TRENCH C.2.4.B**



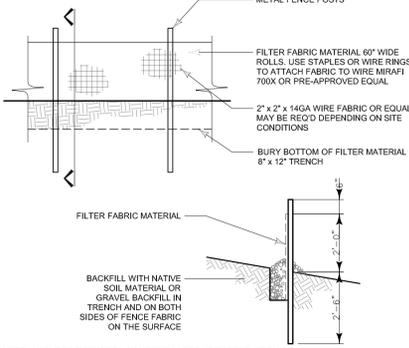
**SYMBOL: DT**

**DRYWELL INFILTRATION SYSTEM C.2.2.C**



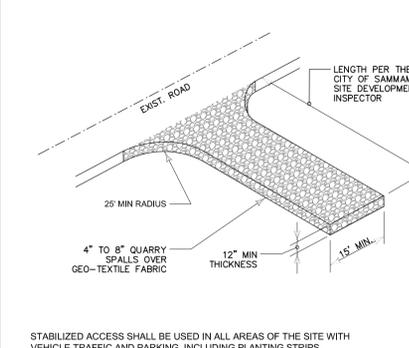
**SYMBOL: DW**

**SILT FENCE**



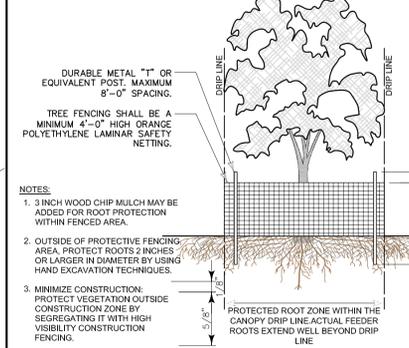
**SYMBOL: SF**

**STABILIZED CONSTRUCTION ACCESS**



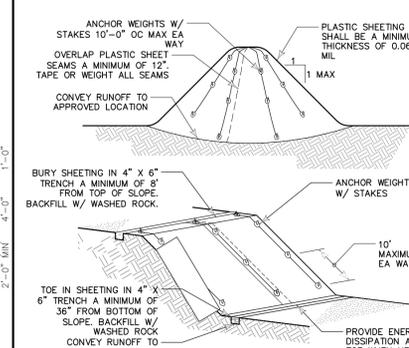
**SYMBOL: CA**

**CLEARING LIMITS**



**SYMBOL: CL**

**PLASTIC COVERED STOCKPILE C.3.4**



**SYMBOL: PC**

**CONSTRUCTION STORMWATER CONTROL & POST CONSTRUCTION SOIL MANAGEMENT PLAN**

**LEGEND:**

- PLASTIC COVERED STOCKPILE: PC
- CLEARING LIMITS: CL
- CONSTRUCTION ACCESS: CA
- SILT FENCE: SF
- STORM DRAIN: SD
- PERFORATED PIPE CONNECTION: PP
- DISPERSION TRENCH: DT
- DRYWELL SYSTEM: DW
- PROPERTY LINE: ---
- PROPOSED GRADE: - - -
- EXISTING GRADE: - - -
- REQUIRED SETBACKS: - - -

**1 SFR SITE AND TESC PLAN**  
SCALE: 1" = 10' / 20'  
(INDICATE APPLICABLE SCALE)

NOTE: THIS PLAN IDENTIFIES THE MINIMUM MEASURES REQUIRED; ADDITIONAL MEASURES MAY BE REQUIRED BASED ON CONSTRUCTION METHODS AND ACTUAL CONDITIONS

NOTE: ALL RECORDS AND DRAWINGS ARE SUBJECT TO PUBLIC DISCLOSURE AS REQUIRED BY RCW 42.56 ALTERING OR REMOVING ANY LANGUAGE, DETAILS, OR ILLUSTRATIONS PROVIDED BY THE CITY OF SAMMAMISH WITHIN THIS PLAN SHEET MAY BE CAUSE TO SUSPEND OR REVOKE A PERMIT ISSUED PER SMC 16.20.240

**SFR**

PERMIT NUMBER: \_\_\_\_\_

PARCEL NUMBER: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_

PROJECT ADDRESS: \_\_\_\_\_

CITY APPROVALS: \_\_\_\_\_

Community Development Department  
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