

### SECTION I: DRAINAGE AND FLOW CONTROL BMP SITE PLAN REQUIREMENTS

SHOW THE FOLLOWING ELEMENTS IN THE PLAN VIEW OF THIS FLOW CONTROL BMP SITE PLAN:

**GENERAL PLAN REQUIREMENTS:**

- NAME, ADDRESS, AND PHONE NUMBER OF APPLICANT
- PARCEL NUMBER
- DIMENSION OF ALL PROPERTY LINES, EASEMENTS, AND BUILDING SETBACK LINES
- STREET NAMES AND EXISTING OR PROPOSED PROPERTY ADDRESS
- SECTION, TOWNSHIP, AND RANGE OF PROPOSAL
- NORTH ARROW
- LEGEND IF NEEDED
- SCALE - USE A SCALE THAT CLEARLY ILLUSTRATES DRAINAGE FEATURES AND BMP MEASURES (1"=20' IS STANDARD, MINIMUM ACCEPTABLE SCALE IS 1"=60'). IF NECESSARY, SPLIT THE SITE PLAN INTO TWO OR MORE SHEETS, AND INDICATE A "MATCH LINE" ON EACH SHEET TO SHOW HOW THE SHEETS SPlice TOGETHER.
- FOOTPRINT OF ALL STRUCTURES (EXISTING AND PROPOSED)
- PARKING, ROADS AND DRIVEWAYS (EXISTING AND PROPOSED)
- SPORT COURTS AND ANY OTHER PAVED OR IMPERVIOUS SURFACES (EXISTING AND PROPOSED)
- PERVIOUS SURFACE LAND COVER (EXISTING AND PROPOSED)
- LOCATION OF ANY RETAINING WALLS AND ROCKERIES (EXISTING AND PROPOSED)
- UTILITY STRUCTURES (POLES, FIRE HYDRANTS, ETC.)
- EXISTING WELLS OR WELLS TO BE ABANDONED.
- CORNER ELEVATIONS OF THE SITE LOT
- BENCHMARK (A PERMANENT MARK INDICATING ELEVATION AND SERVING AS A REFERENCE IN THE TOPOGRAPHIC SURVEY)
- DATUM (ASSUMED DATUM IS ACCEPTABLE IN MANY CASES (I.E. FIRE HYDRANT BASE = 100'), DATUM FOR PROJECTS IN OR NEAR FLOOD PLAIN SHOULD BE THE DRAINAGE ASSESSMENT FLOOD INSURANCE RATE MAP (FIRM) (TYPICALLY NGVD 1929 OR NAVD 1988 ON MANY RECENTLY UPDATED MAPS, SEE <https://nrcs.fema.gov/pdfs/arcsearch/AddressQuery%201%2022289%2020ve%2009e%202020sammsmsh%20w%202098075>) DATUM FOR PROJECTS IN OR NEAR UNMAPPED FLOOD PLAIN SHALL USE NAVD 1988).
- SHOW 5-FOOT CONTOURS FOR ALL SLOPES STEEPER THAN 15% AND DELINEATE THE TOP OF NATURAL FACILITIES OR OUTFALLS.
- FOR SITES LOTS 22,000SF AND LARGER, SHOW 2-F T OR 5-F T CONTOURS AS NEEDED TO DESIGN AND DEMONSTRATE COMPLIANCE WITH THE MINIMUM REQUIREMENTS FOR FLOW CONTROL BMPs.
- LOCATION OF ALL EXISTING AND PROPOSED DITCHES, SWALES, PIPES, ETC.
- DELINEATION OF STREAMS, WETLANDS, LAKES, CLOSED DEPRESSIONS, OR OTHER WATER FEATURES (INCLUDING ANY REQUIRED BUFFER WIDTHS)
- DELINEATION OF FLOOD HAZARD AREAS, EROSION HAZARD AREAS, STEEP SLOPE HAZARD AREAS, LANDSLIDE HAZARD AREAS, AND THEIR

**ON-SITE STORMWATER MANAGEMENT PLAN REQUIREMENTS:**

- IDENTIFY EACH HARD SURFACE (NUMBERED TO MATCH THE ON-SITE STORMWATER MANAGEMENT CALCULATOR)
- IDENTIFY LOCATION AND SQUARE FOOTAGE OF CONTRIBUTING AREAS TO EACH ON-SITE STORMWATER MANAGEMENT FACILITY/BMP.
- IDENTIFY AND PROVIDE DIMENSIONS FOR ALL ON-SITE STORMWATER MANAGEMENT FACILITIES/BMPs:
- INFILTRATION TRENCHES AND DRYWELLS:** LOCATIONS, DEPTH, WIDTH, SLOTTED UNDERDRAIN/OVERFLOW PIPE LOCATION AND SIZE, AND CONTRIBUTING AREA SQUARE FOOTAGE.
- BIORETENTION CELLS, PLANTERS, AND RAIN GARDENS:** LOCATIONS OF TOP AND BOTTOM OF CELL, SQUARE FOOTAGE OF BOTTOM AREA, PONDING DEPTH, FREEBOARD DEPTH, DEPTH OF BIORETENTION SOIL, AND CONTRIBUTING AREA SQUARE FOOTAGE.
- PERMEABLE PAVEMENT:** LOCATION, TOTAL SQUARE FOOTAGE, TYPE OF PAVEMENT, SLOPE, DEPTH OF AGGREGATE RESERVOIR, SLOTTED UNDERDRAIN/OVERFLOW PIPE LOCATION AND SIZE, AND CONTRIBUTING AREA SQUARE FOOTAGE IF USED AS A PERMEABLE PAVEMENT FACILITY.
- DISPERSION:** FLOW PATH DIMENSIONS, SETBACK DIMENSIONS, SPLASH BLOCK/ENERGY DISSIPATOR SIZE AND LOCATION, TRENCH DIMENSIONS, AND CONTRIBUTING AREA SQUARE FOOTAGE.
- PERFORATED PIPE CONNECTION:** LOCATION, TRENCH DIMENSIONS, PERFORATED PIPE CONNECTIONS, PRE-SETTLING (CATCH BASINS) TYPE AND LOCATIONS, TRENCH DIMENSIONS, AND CONTRIBUTING AREA SQUARE FOOTAGE.
- SETBACK DIMENSIONS:** DIMENSIONS FROM ON-SITE STORMWATER MANAGEMENT FACILITIES/BMPs THAT REQUIRE HORIZONTAL SETBACKS TO BUILDINGS, PROPERTY LINES, SLOPES, ETC. (E.G. INFILTRATING FACILITIES, DISPERSION FACILITIES, ETC.)

**GENERAL DRAINAGE FEATURES PLAN REQUIREMENTS:**

- DRAIN LINES FROM COLLECTION POINTS TO POINT OF CONNECTION TO PUBLIC STORM FACILITIES OR OUTFALLS.
- MAINTENANCE HOLES, CLEANOUTS, DOWNSPOUTS, CATCH BASINS, AND AREA DRAINS.
- DRAINAGE PUMP SYSTEMS INCLUDING PUMP AND SUMP/NET WELL LOCATION, FORCE MAIN/PIPE, AND DISCHARGE LOCATION.
- FOOTING DRAINS AND CONNECTIONS TO ON-SITE CATCH BASINS.
- FLOW CONTROL AND FACILITY LOCATIONS, DIMENSIONS AND DETAILS.
- WATER QUALITY FACILITY LOCATIONS, DIMENSIONS AND DETAILS.

### SECTION IV: ON-SITE STORMWATER MANAGEMENT STANDARD DETAILS, CONTINUED

THE DETAILS SHOWN IN THIS SECTION ARE A SELECTION OF COMMONLY USED ON-SITE STORMWATER MANAGEMENT BMPs. SEE THE 2016 KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, FOR ADDITIONAL ON-SITE STORMWATER MANAGEMENT BMPs AND ADDITIONAL REQUIREMENTS FOR ALL BMPs.

#### PERFORATED PIPE CONNECTION

**TRENCH X-SECTION NTS**

**PLAN VIEW OF ROOF NTS**

**NOTES:**

- TRENCH AND PERFORATED PIPE SHALL BE 10' LONG MIN AND SHALL BE 10' LONG FOR EVERY 5,000 SF OF ROOF AREA.
- ANY PROPOSED CONNECTION OF ROOF DOWNSPOUTS TO THE DRAINAGE SYSTEM MUST BE VIA PERFORATED PIPE CONNECTION.
- SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.11, FOR ADDITIONAL REQUIREMENTS.

**SYMBOL: (P)**

#### PERMEABLE PAVEMENT

**NOTES:**

- PERMEABLE PAVEMENT SHALL BE DESIGNED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, EXCEPT WHERE SUCH SPECIFICATIONS ARE LESS STRINGENT THAN THOSE IN THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTIONS C.2.7.2 THROUGH C.2.7.6.
- PERMEABLE PAVEMENT SURFACE AREA DIMENSIONS AND PAVEMENT SLOPE MUST BE SHOWN ON DRAINAGE CONTROL PLAN. SLOPE SHALL NOT EXCEED 5% FOR POROUS ASPHALTIC CONCRETE AND 10% FOR ALL OTHER TYPES.
- FOR PERMEABLE INSTALLATIONS ON SLOPES GREATER THAN 5% IMPERMEABLE CHECK DAMS ARE REQUIRED UNDERNEATH THE PAVEMENT.
- THE PAVEMENT SHALL BE PERMEABLE ENOUGH TO ABSORB WATER AT A MINIMUM RATE OF 10 INCHES PER HOUR IMMEDIATELY AFTER THE SURFACE HAS BEEN WETTED CONTINUOUSLY FOR 10 MINUTES.
- SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.7, FOR ADDITIONAL REQUIREMENTS.

**SYMBOL: (P)**

### FULL/BASIC DISPERSION - TYPICAL GRAVEL-FILLED DISPERSION TRENCH

**TRENCH SECTION NTS**

**PLAN VIEW OF ROOF NTS**

**NOTES:**

- DISPERSION DEVICES ARE NOT ALLOWED IN CRITICAL AREA BUFFERS OR ON SLOPES STEEPER THAN 20%.
- NO MORE THAN 700 SF OF IMPERVIOUS SURFACE (OR 5,000 SF OF NON-NATIVE PERVIOUS SURFACE) MAY DRAIN TO A SIMPLE 10 FOOT DISPERSION TRENCH. UP TO 3,500 SF OF IMPERVIOUS SURFACE (OR 25,000 SF OF NON-NATIVE PERVIOUS SURFACE) MAY DRAIN TO A 50 FOOT TRENCH WITH NOTCH BOARD. SMALLER LENGTHS OF TRENCH WITH NOTCH BOARD MAY BE USED AT A RATIO OF 10 FEET OF TRENCH PER 700 SF OF IMPERVIOUS SURFACE (OR 5,000 SF OF NON-NATIVE PERVIOUS SURFACE).
- A VEGETATED FLOW PATH SEGMENT OF AT LEAST 25 FEET IN LENGTH MUST BE AVAILABLE ALONG THE FLOWPATH THAT RUNOFF WOULD FOLLOW UPON DISCHARGE FROM THE DISPERSION TRENCH.
- THE SIMPLE 10 FOOT TRENCH MUST BE AT LEAST 2 FEET WIDE AND 18 INCHES DEEP. THE MAXIMUM 50 FOOT TRENCH WITH NOTCH BOARD MUST BE AT LEAST 2 FEET WIDE AND 24 INCHES DEEP.
- ALL TRENCHES MUST BE FILLED WITH 1 TO 1.5 INCH WASHED ROCK.
- ALL TRENCHES MUST BE PLACED AT LEAST 10 FEET FROM ANY BUILDING. A SETBACK OF AT LEAST 5 FEET MUST BE MAINTAINED BETWEEN ANY EDGE OF A TRENCH AND THE PROPERTY LINE.
- SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.4, FOR ADDITIONAL REQUIREMENTS.

**SYMBOL: (D) or (BD)**

### TYPICAL BIORETENTION CELL

**PLAN VIEW NTS**

**SECTION A-A NTS**

**NOTES:**

- WATER STORAGE VOLUME PER KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.6.1
- WATER SURFACE AREA AT OVERFLOW ELEVATION MUST BE EQUAL TO AT LEAST 5% OF THE IMPERVIOUS AREA TRIBUTARY TO THE FACILITY.
- SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.6, FOR ADDITIONAL REQUIREMENTS.

**SYMBOL: (BC)**

### SECTION II: WRITTEN DRAINAGE ASSESSMENT

PROVIDE AN OVERVIEW OF THE PROPOSED PROJECT AND ITS COMPLIANCE WITH THE DRAINAGE REQUIREMENTS OF THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C. INCLUDE A DESCRIPTION OF THE PROPOSED SITE IMPROVEMENTS, EXISTING SITE CONDITIONS, CRITICAL AREAS, EXISTING DRAINAGE FEATURES, PROPOSED FLOW CONTROL BMPs, EROSION AND SEDIMENT CONTROL (ESC) AND STORMWATER POLLUTION PREVENTION AND SPM (SWPPS) MEASURES, INCLUDING HOW THEY WERE SELECTED AND SIZED. THE DRAINAGE ASSESSMENT SHOULD ALSO DISCUSS THE RESULTS AND IMPLICATIONS OF ANY SOILS REPORTS OR SPECIAL STUDIES REQUIRED TO BE COMPLETED FOR THE SITE.

### SECTION III: SEWER, PERMIT AND INSPECTION NOTES

- UTILITY DISTRICTS WITHIN THE CITY ARE SEPARATE ENTITIES THAT ARE NOT OWNED OR OPERATED BY THE CITY. IT IS THE APPLICANT'S RESPONSIBILITY TO OBTAIN PERMITS FROM OTHER AGENCIES PRIOR TO ISSUING CITY OF SAMMAMISH PERMITS. VERIFICATION THAT THE APPLICANT HAS OBTAINED OTHER REQUIRED PERMITS MAY BE REQUIRED.
- MAINTENANCE OF ALL REQUIRED FLOW CONTROL BMPs IS THE RESPONSIBILITY OF THE OWNER OF THE OWNERSITE SERVED BY THESE BMPs. THE RESPONSIBILITY OF SUCH MAINTENANCE MUST BE ASSIGNED TO CURRENT AND FUTURE OWNERS OF THE SITES LOT THROUGH A "DECLARATION OF COVENANT AND GRANT OF EASEMENT".
- THE "DECLARATION OF COVENANT AND GRANT OF EASEMENT" MUST BE RECORDED FOR EACH SITES LOT THAT CONTAINS FLOW CONTROL BMPs. A DRAFT OF THE PROPOSED COVENANT MEETING THE REQUIREMENTS IN THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, MUST BE REVIEWED AND APPROVED BY THE CITY OF SAMMAMISH PRIOR TO RECORDING. A RECORDABLE VERSION OF THIS FLOW CONTROL BMP SITE PLAN MUST BE INCLUDED AS AN EXHIBIT TO THE COVENANT.
- THE "LOW IMPACT DEVELOPMENT (LID) BEST MANAGEMENT PRACTICES (BMP) INFORMATION FORM" MUST BE FILLED OUT AND ACCOMPANY THIS SITE PLAN.
- PER THE SAMMAMISH ADDENDUM TO THE KING COUNTY SURFACE WATER DESIGN MANUAL (SWDM), A SPECIAL THIRD-PARTY INSPECTION IS REQUIRED FOR ALL FLOW CONTROL BMPs TO ENSURE INSTALLATION COMPLIES WITH THE REQUIREMENTS IN THE SWDM.

### SECTION IV: ON-SITE STORMWATER MANAGEMENT STANDARD DETAILS

THE DETAILS SHOWN IN THIS SECTION ARE A SELECTION OF COMMONLY USED ON-SITE STORMWATER MANAGEMENT BMPs. SEE THE 2016 KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, FOR ADDITIONAL ON-SITE STORMWATER MANAGEMENT BMPs AND ADDITIONAL REQUIREMENTS FOR ALL BMPs.

### FULL/LIMITED INFILTRATION - TYPICAL INFILTRATION TRENCH

**PLAN VIEW NTS**

**SECTION VIEW NTS**

**SECTION A NTS**

**NOTES:**

- WHEN LOCATED IN COARSE SANDS OR COBBLES, INFILTRATION TRENCHES FOR FULL INFILTRATION MUST BE 20 FEET IN LENGTH PER 1,000SF OF IMPERVIOUS SURFACE AREA SERVED (30 FEET PER 1,000SF FOR MEDIUM SANDS). REQUIRED TRENCH LENGTH FOR LIMITED INFILTRATION VARIES DEPENDING ON SOIL. SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.3 FOR REQUIRED LENGTH.
- MAXIMUM TRENCH LENGTH MUST NOT EXCEED 100 FEET FROM THE INLET SUMP.
- TRENCH SETBACK MUST BE 15 FEET FROM BUILDINGS WITH CRAWL SPACE OR BASEMENT ELEVATIONS BELOW THE OVERFLOW POINT.
- SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.2 AND C.2.3, FOR ADDITIONAL REQUIREMENTS OR FOR ALTERNATIVE TRENCH SYSTEM.

**SYMBOL: (F) or (LF)**

### FULL/LIMITED INFILTRATION - TYPICAL DRYWELL

**PLAN VIEW NTS**

**SECTION NTS**

**NOTES:**

- WHEN LOCATED IN COARSE SANDS AND COBBLES, DRYWELLS FOR FULL INFILTRATION MUST CONTAIN A VOLUME OF GRAVEL EQUAL TO OR GREATER THAN 60 CUBIC FEET PER 1,000SF OF IMPERVIOUS SURFACE SERVED (90 CUBIC FEET PER 1,000SF OF IMPERVIOUS SURFACE IN MEDIUM SANDS). REQUIRED GRAVEL VOLUMES FOR LIMITED INFILTRATION VARIES DEPENDING ON SOIL. SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.3 FOR REQUIRED LENGTH.
- DRYWELLS MUST BE SETBACK AT LEAST 15 FEET FROM BUILDINGS WITH CRAWL SPACE OR BASEMENT ELEVATIONS BELOW THE OVERFLOW POINT OF THE DRYWELL.
- SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.2 AND C.2.3, FOR ADDITIONAL REQUIREMENTS OR FOR ALTERNATIVE TRENCH SYSTEM.

**SYMBOL: (F) or (LF)**

### FULL/LIMITED INFILTRATION - GROUND SURFACE DEPRESSIONS

**SECTION NTS**

**NOTES:**

- WHEN LOCATED IN COARSE SANDS AND COBBLES, INFILTRATION DEPRESSIONS FOR FULL INFILTRATION MUST BE ABLE TO STORE 40 CUBIC FEET OF STORMWATER PER 1,000SF OF IMPERVIOUS SURFACE SERVED (60 CUBIC FEET PER 1,000SF OF IMPERVIOUS SURFACE IN MEDIUM SANDS).
- INFILTRATION DEPRESSIONS MUST BE SETBACK AT LEAST 15 FEET FROM BUILDINGS WITH CRAWL SPACE OR BASEMENT ELEVATIONS BELOW THE OVERFLOW POINT OF THE INFILTRATION DEPRESSION.
- SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.2 AND C.2.3, FOR ADDITIONAL REQUIREMENTS.

**SYMBOL: (F) or (LF)**

### FULL/BASIC DISPERSION - TYPICAL SPLASHBLOCK

**SECTION NTS**

**NOTES:**

- DISPERSION DEVICES ARE NOT ALLOWED IN CRITICAL AREA BUFFERS OR ON SLOPES STEEPER THAN 20%.
- NO MORE THAN 700 SF OF ROOF AREA MAY DRAIN TO A SINGLE SPLASH BLOCK.
- A VEGETATED FLOW PATH SEGMENT OF AT LEAST 50 FEET IN LENGTH MUST BE AVAILABLE ALONG THE FLOWPATH THAT RUNOFF WOULD FOLLOW UPON DISCHARGE FROM THE SPLASH BLOCK.
- SEE THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.4, FOR ADDITIONAL REQUIREMENTS.

**SYMBOL: (FD) or (BD)**

### SECTION V: REDUCED IMPERVIOUS SURFACE CREDIT

IF UTILIZED, COMPLETE THE FOLLOWING CALCULATOR TO DETERMINE THE AREA OF TARGET IMPERVIOUS SURFACE CREDITED AS MITIGATED:

TECHNIQUE	CALCULATION	EXAMPLE
RESTRICTED FOOTPRINT		
ESTABLISHED NORM FOR LOT (I.E. MAX ALLOWED PER SAMMAMISH MUNICIPAL CODE)		4,000 SF
PROPOSED IMPERVIOUS SURFACE		3,500 SF
AREA CREDITED AS MITIGATED		500 SF
WHEEL STRIP DRIVEWAY		
DRIVEWAY LENGTH		25 FT
DRIVEWAY WIDTH "NORM"	X 10 FT X 10 FT	100 SF
AREA CREDITED AS MITIGATED		250 SF
MINIMUM DISTURBANCE FOUNDATION		
FOUNDATION AREA		1,600 SF
AREA CREDITED AS MITIGATED		1,600 SF
OPEN GRID DECKING OVER PERVIOUS SURFACE		
DECK AREA		200 SF
AREA CREDITED AS MITIGATED		200 SF
<b>TOTAL IMPERVIOUS SURFACE AREA MITIGATED:</b>		<b>4,000 SF</b>

**NOTES:**

- THE AREA CREDITED AS MITIGATED MUST BE NO MORE THAN 10,000SF ON ANY ONE SITES LOT UNLESS SERVED BY A FLOW CONTROL FACILITY DESIGNED BY A CIVIL ENGINEER.
- ANY RUNOFF FROM THE AREA CREDITED AS MITIGATED MUST BE DIRECTED TO VEGETATED PERVIOUS AREAS ON THE SITES LOT THROUGH A PERFORATED PIPE CONNECTION.
- ANY PORTION CREDITED AS MITIGATED THAT IS POLLUTION GENERATING MUST BE LESS THAN 5,000SF UNLESS SERVED BY A WATER QUALITY TREATMENT FACILITY DESIGNED BY A CIVIL ENGINEER.
- REMAINING IMPERVIOUS SURFACE MUST BE MITIGATED BY OTHER FLOW CONTROL BMPs.
- SEE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.9 FOR ADDITIONAL REQUIREMENTS.

### SECTION VI: NATIVE GROWTH RETENTION CREDIT

IF UTILIZED, COMPLETE THE FOLLOWING CALCULATOR TO DETERMINE THE AREA OF TARGET IMPERVIOUS SURFACE CREDITED AS MITIGATED:

AREA OF TARGET IMPERVIOUS SURFACE TO BE CREDITED AS MITIGATED	CALCULATION	EXAMPLE
		100 SF
DONOR AREA OF NATIVE VEGETATED SURFACE THAT MUST BE PRESERVED:	X 3.5	350 SF
<b>AREA OF NATIVE VEGETATED SURFACE TO BE PRESERVED:</b>		<b>450 SF</b>

**NOTES:**

- THE AREA OF NATIVE VEGETATED SURFACE BEING PRESERVED TO MITIGATE FOR TARGET IMPERVIOUS SURFACE MUST MEET THE FOLLOWING CRITERIA:
  - THE DONOR AREA MUST BE AT LEAST 3 TIMES THE AREA OF THE IMPERVIOUS SURFACE BEING CREDITED.
  - THE DONOR AREA MUST BE NATIVE VEGETATED SURFACE, WHICH MEANS THAT THE AREA MAY BE EITHER EXISTING FOREST OR FOREST CREATED IN ACCORDANCE WITH THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.8.
  - THE DONOR AREA MUST BE ADDITION TO ANY REQUIRED BUFFER FOR PROTECTION, CRITICAL AREAS (AND SUPPORTS), OR TREE RETENTION.
  - THE DONOR AREA MUST NOT BE FLATTER THAN 5%.
  - THE DONOR AREA MUST BE SET ASIDE AS A NATIVE GROWTH RETENTION AREA AS SPECIFIED IN THE KING COUNTY SURFACE WATER DESIGN MANUAL, APPENDIX C, SECTION C.2.8.
- THE AREA OF TARGET IMPERVIOUS SURFACE AREA CREDITED AS MITIGATED BY THE NATIVE GROWTH RETENTION AREA MUST MEET ALL OF THE FOLLOWING REQUIREMENTS:
  - THE AREA CREDITED AS MITIGATED MUST BE NO MORE THAN 5,000SF ON ANY ONE SITES LOT UNLESS SERVED BY A FLOW CONTROL FACILITY DESIGNED BY A CIVIL ENGINEER.
  - ANY RUNOFF FROM THE AREA CREDITED AS MITIGATED MUST BE DIRECTED TO VEGETATED PERVIOUS AREAS ON THE SITES LOT OR DISCHARGED THROUGH A PERFORATED PIPE CONNECTION.
  - POLLUTION-GENERATING IMPERVIOUS SURFACE MUST BE LESS THAN 5,000SF ON ANY ONE SITES LOT UNLESS THE SURFACE IS SERVED BY A WATER QUALITY TREATMENT FACILITY DESIGNED BY A CIVIL ENGINEER.

**CHECK SCALE USED:**

- ONE SQUARE = ONE FOOT (1"=5')
- ONE SQUARE = TWO FEET (1"=20')
- ONE SQUARE = FOUR FEET (1"=20')

**SYMBOL: (N)**

TEMPLATE VERSION: 2017-04-07

STANDARD DRAINAGE AND FLOW CONTROL BMP PLAN

APPLICANT PLAN SET

CITY OF SAMMAMISH

PUBLIC WORKS DEPARTMENT

Project Number: \_\_\_\_\_

Address: \_\_\_\_\_

DATE: 00/00/0000

STANDARD BMP SITE PLAN

SHEET BMP

PUBLIC WORKS APPROVAL STAMP

DATE: 00/00/0000

STANDARD BMP SITE PLAN

SHEET BMP