SDCITYPICAL DETAILS FOR COMMONLY USED DETAILS FOR SINGLE-FAMILY RESIDENTIAL AND PARCEL-BASED DEVELOPMENT PROJECTS. SELECT THE APPLICABLE DETAILS AND SHOW THEM ON THE DWC PLAN OR AN ADDITIONAL SHEET FOR DETAILS. IF A DETAIL IS NOT PROVIDED BELOW, A CUSTOM DETAIL WIST BE CREATED BY THE DESIGNER BASED ON THE FIGURES AND DESIGN CRITERIA IN THE SEATTLE STORWWATER MANUAL AND/OR THE REQUIREMENTS FOR DESIGN AND CONSTRUCTION OF SIDE SEWERS (DRAINAGE AND WASTEWATER DISCHARGES).		
CATEGORY 1 OSM DETAILS		SIDE SEWER/SERVICE DRAIN DETAILS
NETRATION TRENDS AND DEVINE IN A MARKET AND DEVINENCE OF A VALUE AND DEVINENCE OF A VALUE AND A VALUE AND DEVINE AND DEVINE AND A VALUE AND DEVINE		CURB_NEEP CHANNEL BOX 70.04 CM CMM MM A LS - 70.00 M       Page Addition of the company of the LS - 70.00 M         Image Addition of the company of the LS - 70.00 M       Image Addition of the company of the LS - 70.00 M         Image Addition of the company of the LS - 70.00 M       Image Addition of the company of the LS - 70.00 M         Image Addition of the company of the LS - 70.00 M       Image Addition of the company of the LS - 70.00 M         Image Addition of the company of the LS - 70.00 M       Image Addition of the company of the LS - 70.00 M         Image Addition of the company of the LS - 70.00 M       Image Addition of the company of the LS - 70.00 M         Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M         Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M         Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M         Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M         Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M         Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M         Image Addition of the LS - 70.00 M       Image Addition of the LS - 70.00 M       Image
CATEGORY 2 OSM DETAILS		
INFILTRATING BIORETENTION	RAIN GARDENS	





SANDY GRAVEL) 12" MIN. (MAY BE REDUCED TO 12" MIN. (MAY BE REDUCED TO 12" MIN. (MAY BE REDUCED TO 12" MIN. 100 10 10 10 10 10 10 10 10 10	(MAY BE REDUCED TO 6" MIN. IF	BIORETENTION OVERFLOW RISER AND FREEBOARD TABLE		
6" MIN. IF REQUIRED FOR GRAVITY FLOW TO POINT OF DISCHARGE)	POINT OF DISCHARGE)	TOTAL CONTRIBUTING AREA (SF)	FREEBOARD (INCHES)	RISER DIAMETER (INCHES)
NOTES: SEE NOTE 2	MIN. 1' ABOVE SEASONAL HIGH	0-2,999	4	4
1. SHOW BIORETENTION PLANTER AREA & WALL DIMENSIONS ON THE DRAINAGE CONTROL PLAN.	GROUNDWATER ELEVATION 4" DIA. MIN. SLOTTED UNDERDRAIN	3,000-7,499	6	6
2. ALTERNATIVE PLANTER WALL/BUTTOM MATERIALS ARE ALLOWED (EG. STEEL PLATES). IF THE MATERIAL IS NOT WATER-TIGHT, AN IMPERMEABLE LINER IS REQUIRED AND MUST EXTEND TO THE MAXIMUM WATER LEVEL. ADDITIONAL WATERPROOFING IS RECOMMEND FOR PLANTERS THAT ABUT BUILDINGS	NOTES: 1. SHOW BIORETENTION PLANTER AREA & WALL DIMENSIONS ON THE DRAINAGE CONTROL PLAN. (PER STD. PLAN 291) SEE NOTE 4.	7,500-9,999	6	8
3. PLANTER BOTTOM SHALL HAVE A MINIMUM WIDTH OF 2 FEET (INSIDE DIMENSION) IN ANY DIRECTION.	2. SEE APPENDIX E-7 AND VOLUME 3, SECTION 5.8.2.5 OF THE SEATTLE STORMWATER MANUAL FOR OTHER LINER OPTIONS. 3. PLANTER BOTTOM SHALL HAVE A MINIMUM WIDTH OF 2 FEET (INSIDE DIMENSION) IN ANY DIRECTION	10,000-14,999	6	12
4. SLOTTED DRAIN PIPE SHALL RUN THE LENGTH (LONG DIMENSION) OF THE PLANTER.	4. SLOTTED DRAIN PIPE SHALL RUN THE LENGTH (LONG DIMENSION) OF THE PLANTER. PROVIDE A CLEANOUT AT THE OTHER END OF THE UNDERDRAIN PIPE.	15,000-20,000*	9	12
<ol> <li>SEE THE BIORETENTION OVERFLOW RISER AND FREEBOARD DIMENSIONS DETAIL/TABLE FOR REQUIRED RISER DIAMETER AND MINIMUM REQUIRED FREEBOARD.</li> <li>BMP SHALL CONNECT TO AN EXISTING OR NEW CB WITH A MINIMUM OF A 2' SUMP AND DOWN TURNED ELBOW.</li> <li>SEE SEATTLE STORMWATER MANUAL VOL 3 SEC 5.8.2 AND 5.4.4 FOR ADDITIONAL REQUIREMENTS.</li> </ol>	<ol> <li>SEE THE BIORETENTION OVERFLOW RISER AND FREEBOARD DIMENSIONS DETAIL/TABLE FOR REQUIRED RISER DIAMETER AND MINIMUM REQUIRED FREEBOARD.</li> <li>BMP SHALL CONNECT TO AN EXISTING OR NEW CB WITH A MINIMUM OF A 2' SUMP AND DOWN TURNED ELBOW.</li> <li>SEE SEATTLE STORMWATER MANUAL VOL. 3, SECTION 5.8.2 AND 5.4.4 FOR ADDITIONAL REQUIREMENTS.</li> </ol>	*BIORETENTION WITH MORE THAN 2" BY A LICENSED CIVIL ENGINEER.	20,000 SF OF CONTRIBUTIN	3 AREA REQUIRES SIZING
7. SEE SEATTLE STORMIWATER MANUAL VOL. 5, SEC. 5.6.2 AND 5.4.4 FOR ADDITIONAL REQUIREMENTS. DETAIL VERSION 2022-05-24	DETAIL VERSION 2022-05-24			DETAIL VERSION 202

## CATEGORY 5 OSM DETAILS

MISCELLANEOUS			
SINGLE-FAMILY DETENTION CISTERN			
PROVIDE GUTTER FILTER PRIOR TO ROOF DOWNSPOUT W/ DEBRIS SCREEN CISTERN W/ OPAGUE CONTAINER OVERFLOW PIPE 4" DIAMETER			
HOUSE (LABEL ON PLAN) DETENTION DEPTH 3' MIN. ABOVE BOTTOM OF OUTLET PIPE (LABEL ON PLAN) 4" MIN. (SUMP) 4" MIN. (SUMP)			
OVERFLOW PIPE 4" DIA. MIN. 3"-4" DIA. CLEANOUT FOUNDATION SLAB & SUBGRADE DESIGNED FOR SUPPORT OF CISTERN WHEN FULL FAUCET FOR 45 DEG. WYE W/ PLUG & 45 DEG. BEND			
SUPPORT BLOCK OUTDOOR RAINWATER USE <u>NOTES:</u> 1. OVERFLOW PIPE CAN BE INTERIOR OR EXTERIOR TO CISTERN.			
2. SEE SEATTLE STORMWATER MANUAL VOL. 3, SEC. 5.5.2 FOR ADDITIONAL REQUIREMENTS. DETAIL VERSION 2021-07-01			