

EXCEPTIONS FOR WES DETAILS

THE REFERENCED DETAILS ARE ACCEPTED BY DTD AND SHALL HAVE THE FOLLOWING LISTED EXCEPTIONS FOR DTD.: 1. "NONE" INDICATES THAT DTD HAS NO EXCEPTIONS TO THE DETAIL. THIS DETAIL IS REQUIRED ON THE PLANS WHEN USING ANY OF THE WES DETAILS LISTED FOR DTD.

SWM-0009 FLAT-TOP MANHOLE

1. THE MINIMUM HEIGHT FOR MANHOLE WITH A CONE SHALL BE 7 ½ FEET MEASURED FROM TOP OF CONE TO INVERT.
2. MANHOLES SHALL HAVE A CONCENTRIC LID WHEN THE HEIGHT FROM BOTTOM OF FLAT TOP TO RIM IS LESS THAN 4 FEET.
3. MANHOLES SHALL NOT BE LESS THAN 2 ½ FEET IN HEIGHT MEASURED FROM BOTTOM OF FLAT TOP TO INVERT.

SWM-0010 FLOW CONTROL MANHOLE

1. NONE.

SWM-0011 POLLUTION MANHOLE

1. NONE.

SWM-0012 POLLUTION CONTROL BAFFLE

1. NONE.

SWM-0013 SEDIMENTATION MANHOLE

1. NONE.

SWM-0014 POLLUTION MANHOLE & DRYWELL

1. DRYWELLS ARE NOT PERMITTED IN THE PUBLIC RIGHT OF WAY.
2. ALL DRYWELLS REQUIRE DEQ APPROVAL.

SWM-0015 DRYWELL

1. DRYWELLS ARE NOT PERMITTED IN THE PUBLIC RIGHT OF WAY.
2. ALL DRYWELLS REQUIRE A POLLUTION CONTROL MANHOLE AS SHOWN IN DETAIL SWM-0014.
3. ALL DRYWELLS REQUIRE DEQ APPROVAL.

SWM-0016 UNDERGROUND DETENTION

1. DETENTION IS NOT PERMITTED IN THE PUBLIC RIGHT OF WAY.

SWM-0021 FLEXIBLE MANHOLE CONNECTION

1. NONE.

SWM-0023 UTILITY LOCATION

1. BACKFILL MUST CONFORM TO CLACKAMAS COUNTY STANDARDS WITH A MINIMUM 36" COVER OVER PIPES AND BURIED CABLES. SEE STANDARD DRAWING U200.
2. CLACKAMAS COUNTY HAS PRECEDENCE IN LOCATION OF STORM SEWER. LOCATION OF STORM DRAINAGE FACILITIES SHALL BE APPROVED BY THE COUNTY.
3. PERMITS REQUIRED FOR ALL NEW UTILITY INSTALLATIONS WITHIN THE RIGHT OF WAY.

SWM-0024 STORM LATERAL SERVICE

1. MAXIMUM LATERAL SIZE SHALL BE ONE SIZE LESS THAN ½ THE MAIN LINE DIAMETER.
2. LATERAL SHALL BE CONNECTED TO THE MAIN LINE ABOVE THE SPRING LINE.
3. PIPE SHALL BE ASTM 3034 SDR 35 OR APPROVED EQUAL.

SWM-0025 CLEAN OUT

1. NONE.

SWM-0031 PVC GASKETED SADDLE

1. NONE.

SWM-0032 BORE CASING DETAIL

1. NONE.


SWM-0034 ANCHOR WALL

1. NONE.

SWM-0038 POND/SWALE SECTION

1. NONE.

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	<u>REVISION</u>	<u>DATE</u>	<u>BY</u>	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  150 BEAVERCREEK ROAD OREGON CITY, OR 97045		APPROVAL DATE: 1/1/10  SCALE: N.T.S.	STANDARD DRAWING  <b>W100</b>
						<b>EXCEPTIONS FOR W.E.S. DETAILS</b>	