



**PUBLIC WORKS DEPARTMENT**

8720 184th Avenue East  
 P.O. Box 7380  
 Bonney Lake, WA 98391-0944  
 Phone: (253) 862-8602  
 Fax: (253) 826-1921

**Public Works Design Standard Details**

Detail No.	Detail Name	Original Date	Rev Date(s)	Description
W1	Standard Water Meter Box	6/17/2005	(Rev 1) 12/7/2006	Rev 1 - Specified solid ductile iron lids in traffic areas and ductile iron flip reader lids in non-traffic areas
W2	Water Main Trench Section	6/17/2005	-	
W3	Typical Utility Crossing	6/17/2005	-	
W4	Concrete Thrust Block	6/17/2005	-	
W5	Vertical Anchor Block	6/17/2005	-	
W6	Wet Tap Connection	6/17/2005	-	
W7	Cut In Connection	6/17/2005	-	
W8	Fire Hydrant Installation	6/17/2005	-	
W9	Water System Vault	6/17/2005	-	

Detail No.	Detail Name	Original Date	Rev Date(s)	Description
W10	1" And Smaller Water Service	6/17/2005	-	
W11	1-1/2" And 2" Water Service	6/17/2005	-	
W12	Meter Assembly 3" Through 6"	6/17/2005	-	
W13	2" Blow-Off Assembly	6/17/2005	-	
W14	Air And Vacuum Release Assembly	6/17/2005	-	
W15	Water Sampling Station	6/17/2005	-	
W16	Valve Box	6/17/2005	-	
W17	Double-Check Detector With Fire Connection	6/17/2005	-	
W18	Pressure Reducing Station	6/17/2005	(Rev 1) 7/26/2005 (Rev 2) 12/25/2006	Rev 1 - Page 2. Added PRV Piping Note Rev 2 - Page 2. Added offline PRV station configuration
W19	Water Valve Stem Extension	6/17/2005	-	
W20	Reduced Pressure Backflow Device	6/17/2005	-	
W21	Individual Double Check Detector Assembly	6/17/2005	-	
W22	Fire Sprinkler Line With Domestic Service	6/17/2005	-	
◆	◆	◆	◆	◆
SS1	Typical Precast Manhole	6/17/2005	(Rev 1) 12/7/2007	Rev 1 - Page 1. Ladder reference to SS6
SS2	Outside Drop Manhole	6/17/2005	-	

Detail No.	Detail Name	Original Date	Rev Date(s)	Description
SS3	Inside Drop Manhole	6/17/2005	-	
SS4	Manhole Cover	6/17/2005	(Rev 1) 7/14/2006	Rev 1 - Changed pickhole configuration
SS5	Manhole Frame Collar	6/17/2005	-	
SS6	Polypropylene Ladder And Manhole Steps	6/17/2005	-	
SS7	Sanitary Sewer Trench Section	6/17/2005	-	
SS8	Pressure Line And Force Main Trench Section	6/17/2005	-	
SS9	Sewer Main Tap	6/17/2005	-	
SS10	Side Sewer Detail	6/17/2005	-	
SS11	Standing Side Sewer	6/17/2005	-	
SS12	Private Side Sewer Installation	6/17/2005	-	
SS13	Small Diameter Force Main Connection	6/17/2005	-	
SS14	Grease Interceptor	6/17/2005	(Rev 1) 3/17/2007	Rev 1 - Added surface clean-out to interceptor inlet
SS15	2 Pump SS Lift Station Schematic	10/31/2007	-	Created new 2 pump SS lift station schematic detail
SS16	3 Pump SS Lift Station Schematic	10/31/2007	-	Created new 3 pump SS lift station schematic detail
SS17	Schematic Legend and Abbreviations	10/31/2007	-	Created new schematic legend and abbreviations detail
SS18	Conceptual Lift Station Site Plan	10/22/2007	-	Created new conceptual lift station site plan detail

Detail No.	Detail Name	Original Date	Rev Date(s)	Description
SS19	Conceptual Lift Station Building Floor Plan	10/22/2007	-	Created new conceptual lift station building floor plan detail
SS20	Pig Launch	10/22/2007	-	Created new pig launch detail
◆	◆	◆	◆	◆
S1	Major Arterial	6/17/2005	(Rev 1) 7/14/2006	Rev 1 - Changed sidewalk width to 10' min
S2	Minor Arterial	6/17/2005	(Rev 1) 7/14/2006	Rev 1 - Added 5' bike lane and changed to 70' r-o-w
S3	Collector Street	6/17/2005	(Rev 1) 7/14/2006	Rev 1 - Added 5' bike lane
S4	Local Access Street Section	6/17/2005	-	
S5	Cul-De-Sac	6/17/2005	-	
S6	Trench Pavement Restoration	6/17/2005	(Rev 1) 7/14/2006	Rev 1 - Added Note 4. Minimum pavement removal will be to centerline
S7	Poured In Place Monument	6/17/2005	-	
S8	Cement Concrete Sidewalk	6/17/2005	(Rev 1) 9/28/2006	Rev 1 - Removed leader and expansion joints at 15' o.c. note
S9	Cement Concrete Driveway	6/17/2005	(Rev 1) 5/8/2006	Rev 1 - Modified format for clarity
S10	Concrete Curb And Gutter	6/17/2005	-	
S11	Road Approach	6/17/2005	(Rev 1) 2/14/2006 (Rev 2) 6/17/2007	Rev 1 - Page 1. Added expansion joint at r-o-w line; Page 3. Changed Note 10. culvert ends to a 3:1 taper; Rev 2 - Page 2. Created new double road approach page
S12	Hammerhead Turnaround	6/17/2005	-	
S13	Barricade	6/17/2005	-	

Detail No.	Detail Name	Original Date	Rev Date(s)	Description
S14	Street Sign Installation	6/17/2005	(Rev 1) 9/14/2005 (Rev 2) 2/14/2006 (Rev 3) 9/28/2006 (Rev 4) 5/5/2007	Rev 1 - Page 2. Added street sign logo and 6" street number prefix; Rev 2 - Page 2. Changed street number prefix to 3"; Rev 3 - Page 2. Modified street sign logo and font and changed sign sheeting type 4; Page 1. Removed sleeve from post assembly, modified format for clarity, and added notes 3 and 4; Page 3. Moved sign location to back of sidewalk; Rev 4 - Page 1. Specified 12" blade holder
S15	King Luminaire	6/17/2005	-	
S16	26ET-12 Pole With Tenon	6/17/2005	-	
S17	VEWX-7.5 Pole	7/14/2006	-	Added new VEWX-7.5 (6P3I) street light pole detail
S18	SR 410 Street Section	7/7/2007	-	Created new SR 410 Street Section Detail
S19	SR 410 Street Light	11/13/2007	-	Created new SR 410 Street Light Detail
S20	Permit Parking Sign	11/7/2006	-	Created new Permit Parking Sign Detail
S21	Eastown Public Road Street Section	10/31/2007	-	Created new Eastown Public Road Street Section Detail
S22	Downtown 184 <sup>th</sup> Street Section	10/31/2007	-	Created new Downtown 184 <sup>th</sup> Street Section Detail
S23	Eastown Private Road Section 51' ROW	10/31/2007	-	Created new Eastown Private Road Section 51' ROW Detail
S24	Eastown Private Road Section 41' ROW	10/31/2007	-	Created new Eastown Private Road Section 41' ROW Detail
S25	No Parking Sign	2/5/2008	-	Created new No Parking Sign Detail
S26	Tree Grate	5/5/2008	-	Created new Tree Grate Detail
S27	SR 410 Scroll Arm	6/7/2008	-	Created new SR 410 Scroll Arm Detail

Detail No.	Detail Name	Original Date	Rev Date(s)	Description
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SD1	Typical Storm Drain Pipe Trench Section	6/17/2005	-	
SD2	Catch Basin Type 1	6/17/2005	-	
SD3	Catch Basin Type 2	6/17/2005	-	
SD4	Flow Restrictor Catch Basin Type 2	6/17/2005	-	
SD5	Polypropylene Ladder And Steps	6/17/2005	-	
SD6	Catch Basin Type 2 Frame And Collar	6/17/2005	-	
SD7	Solid Round Cover	6/17/2005	(Rev 1) 7/14/2006	Rev 1 - Changed pickhole configuration
SD8	Trash Rack	6/17/2005	(Rev 1) 7/26/2007	Rev 1 - Changed rack material from aluminum to galvanized steel
SD9	Roof Drain Collection System Connection	6/17/2005	-	
SD10	Pond Sign	6/17/2005	(Rev 1) 7/4/2006 (Rev 2) 11/6/2006	Rev 1 - Page 1. Changed Note 2 to Bonney Lake; Rev 2 - Page 1. Added please to sign layout; Page 2. Changed sign support to a single post (galvanized 2"x 2") with tubular anchor
◆	◆	◆	◆	◆
M1	Swing Gate & Fence	6/17/2005	(Rev 1) 7/14/2006	Rev 1 - Page 1. Changed Chain Link Fence to type 1; Page 2. Changed Gate to Type 1
M2	T.E.S.C. Catch Basin Insert	6/17/2005	-	
M3	Mailbox Location	6/17/2005	-	
M4	Removable Bollard	6/17/2005	-	

Detail No.	Detail Name	Original Date	Rev Date(s)	Description
M5	Approval Block	6/17/2005	(Rev 1) 7/7/2007	Rev 1 - Added Public Development Approval Block
M6	Existing City Road Section	6/17/2005	-	