

CBJ Engineering Standard Details – 4th Edition

Revised: August 2011

Index

	<i>Street Details</i>
101	Gravel Surface Roadway Section Outside Urban Service Boundary
102A	Minimum Paved Roadway Section With Curb & Gutter
102B	Minimum Paved Roadway Section With Guardrail
102C	Local Access Street Section
102D	Local Access Street With Biofiltration Swale
103A	Driveway For Streets Without Curb & Gutter
103B	Driveway For Streets With Area Drains
104A	Culvert Headwall With Hinged Trash Rack
104B	Culvert Headwall Without Hinged Trash Rack
105	Driveway Curb Cut
106	Accessible Sidewalk Ramp
107	Local Access Street Cul-De-Sac
110	Guardrail
111A	Concrete Sidewalk, Type I Curb & Gutter
111B	Curb & Gutter Types II & III
111C	Curb & Gutter Types IV & V
113	Underdrain
116	Cantilevered Single Mailbox
117	Cantilevered Gang Mailbox
118	Street Lighting
119A	Junction Box Type 1 & Type 1A
119B	Junction Box Type II & Type III
120	Private Utility Location Within CBJ R-O-W
122-1	Standard Stairway
122-2	Standard Stairway
122-3	Standard Stairway
122-4	Standard Stairway
125	Pavement Resurfacing And Trench Detail
126	Concrete Collar
127A	Sign Assembly Single-Post
127B	Sign Assembly Double-Post
	<i>Sanitary Sewer Details</i>
203	Sanitary Sewer Manhole Types I & II

204	Sanitary Sewer Drop Manhole
205	Manhole Heights
206A	Standard Manhole Cover & Frame
206B	Locking Manhole Cover & Frame
208	Sanitary Sewer Cleanout Mainline
209	Manhole Connection Details
210	Sanitary Sewer Saddle Tee
213	Sanitary Sewer Service Lateral
214	Sanitary Sewer Connection Customer Service Line
215	Sanitary Sewer Crossing
216	Pressure Sanitary Sewer Service Lateral
218	Coupling For Dissimilar Sanitary Sewer Pipes
219	Residential Pump Station Pressure Main
220-1	Pump Station Plan View
220-2	Pump Station Elevation View
220-3	Pump Station Details
220-4	Pump Station Details
220-5	Pump Station Cabinet Shields
220-6A	Pump Station Control Panel Back To Back Layout
220-6B	Pump Station Control Panel Side By Side Layout
220-7	Pump Station Pump Panel Door Elevation
220-8	Pump Station Ladder Diagram
220-9	Pump Station Notes & Trench Detail
220-10	Pump Station Single Line Diagram
	<i>Drainage Details</i>
303	Storm Drain Manhole Types I & II
304A	Type III Catch Basin
304B	Type IV Catch Basin
305	Oil-Water Separator Storm Drain Manhole
306	Storm Drain Manhole Cover & Frame
307	Storm Drain Service Lateral
308	Curb Inlet Frame, Grate & Hood
309	Local Depression At Catch Basin
310	Area Drain Detail
311	Silt Fence
312	Rock Check Dam
	<i>Water Details</i>
403	Fire Hydrant
404	Hydrant Guard Posts
405	Hydrant Pad
406A	Water Service
406B	Ductile Iron Water Service

406C	Fire Line Connection
407	Mainline Valve
409	Air Release Valve
410	Air Release Valve Offset Location
412	Rigid Insulation
413	Bored Encasement
414A	Downward Concave Thrust Block
414B	Horizontal And Concave Upward Thrust Blocks
419	Residential Water Service Connection
420	Meter Installation