



CONSULTING ENGINEERS

May 27, 2014

South Weber City Corporation  
Attn: Mayor and City Council  
1600 East South Weber Drive  
South Weber, Utah 84405

**RE: Cottonwood Cove Subdivision - Conditional Acceptance**

Dear Mayor and City Council:

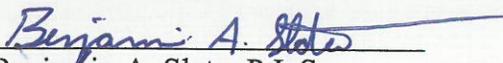
I have completed an inspection of the improvements in the above mentioned subdivision and found them to be completed satisfactorily and to meet minimum requirements of South Weber City standards in accordance with engineering and/or subdivision plans submitted and previously approved. We can recommend, to the City Council, Conditional Acceptance of this Subdivision. Attached to this document is an escrow release, this release needs to be processed. Please hold the following amounts in escrow:

- |                         |                     |
|-------------------------|---------------------|
| • Asphalt Chip & Seal - | \$ 87,675.00        |
| • 10% guarantee -       | <u>\$171,755.10</u> |
| • Total -               | \$259,430.00        |

If you have any questions, or if I can be of any help, please let me know.

Sincerely,

JONES AND ASSOCIATES  
Consulting Engineers  
South Weber City Engineers

  
Benjamin A. Slater P.L.S.  
City Inspector

Date of Conditional Acceptance to be determined by the City Council



## ESCROW RELEASE DETAIL SHEET

<b>City:</b> South Weber City	<b>Estimate #:</b> 2
<b>Subdivision:</b> Cottonwood Cove Subdivision	<b>Date:</b> 27 May 2014
<b>Developer:</b> D.R. Horton	<b>Page:</b> Sheet 2 of 2

ITEM NO.	LINE ITEM DESCRIPTION	QUANTITY	UNIT PRICE	CURRENT UNITS OR % COMPLETE	TO DATE UNITS OR % COMPLETE	CURRENT BILLING	TOTAL BILLED TO DATE
<b>CULINARY WATER SYSTEM</b>							
1	10" DI CL-51 Pipe & Fittings	1,775	If \$39.98	If	1775 If		\$70,964.50
2	8" DI CL-51 Pipe & Fittings	2,730	If \$28.80	If	2730 If		\$78,624.00
3	6" DI CL-51 Pipe & Fittings	36	If \$28.80	If	36 If		\$1,036.80
4	Hot Tap Connection to Existing 12" Pipe	1	ea \$5,150.20	ea	1 ea		\$5,150.20
5	Connect to Existing 8" Pipe	1	ea \$1,100.00	ea	1 ea		\$1,100.00
6	Abandon Exist. Water Line (Tee at South Weber Drive)	1	ea \$650.00	ea	1 ea		\$650.00
7	6" Fire Hydrant w/ Acc. Valve	7	ea \$4,600.00	ea	7 ea		\$32,200.00
8	Relocate Exist. Fire Hydrant	1	ea \$4,500.00	ea	1 ea		\$4,500.00
9	4" Blow Off	2	ea \$2,850.00	ea	2 ea		\$5,700.00
10	10" Gate Valve	4	ea \$2,031.25	ea	4 ea		\$8,125.00
11	10"x8" Cross & Thrust Block	1	ea \$1,107.80	ea	1 ea		\$1,107.80
12	10"x8" Tee & Thrust Block	1	ea \$929.00	ea	1 ea		\$929.00
13	10"x8" Reducer & Thrust Block	2	ea \$450.00	ea	2 ea		\$900.00
14	10" Plug & Thrust Block	1	ea \$410.00	ea	1 ea		\$410.00
15	8" Gate Valve	12	ea \$1,530.75	ea	12 ea		\$18,369.00
16	8" MJ Tee & Thrust Block	4	ea \$705.75	ea	4 ea		\$2,823.00
17	8" Bend & Thrust Block	3	ea \$495.00	ea	3 ea		\$1,485.00
18	8"x6" MJ Reducer & Thrust Block	2	ea \$325.00	ea	2 ea		\$650.00
19	8" MJ Plug & Thrust Block	2	ea \$371.00	ea	2 ea		\$742.00
20	6" Gate Valve	2	ea \$997.00	ea	2 ea		\$1,994.00
21	Service Lateral & Setter & Meter Box	56	ea \$793.00	ea	56 ea		\$44,408.00
22	Valve Collars	27	ea \$125.00	27 ea	27 ea	\$3,375.00	\$3,375.00
23	Test & Chlorinate	1	ls \$1,500.00	ls	1 ls		\$1,500.00
<b>SECONDARY WATER SYSTEM</b>							
24	10" C900 PVC Pipe & Fittings	1,785	If \$19.76	If	1785 If		\$35,271.60
25	6" C900 PVC Pipe & Fittings	1,820	If \$8.95	If	1820 If		\$16,289.00
26	4" C900 PVC Pipe & Fittings	905	If \$6.75	If	905 If		\$6,108.75
27	Connection to Existing 10" Line	1	ea \$1,200.00	ea	1 ea		\$1,200.00
28	10" Gate Valve	3	ea \$2,031.25	ea	3 ea		\$6,093.75
29	10" Cross & Thrust Block	1	ea \$725.50	ea	1 ea		\$725.50
30	10"x4" Tee & Thrust Block	1	ea \$739.00	ea	1 ea		\$739.00
31	10" Bend & Thrust Block	2	ea \$515.00	ea	2 ea		\$1,030.00
32	10"x6" Reducer & Thrust Block	2	ea \$425.00	ea	2 ea		\$850.00
33	10" Plug & Thrust Block	1	ea \$395.00	ea	1 ea		\$395.00
34	6" Gate Valve	3	ea \$997.00	ea	3 ea		\$2,991.00
35	6"x4" Tee & Thrust Block	3	ea \$465.00	ea	3 ea		\$1,395.00
36	6" Plug & Thrust Block	2	ea \$303.60	ea	2 ea		\$607.20
37	4" Gate Valve	3	ea \$728.00	ea	3 ea		\$2,184.00
38	4" Bend & Thrust Block	1	ea \$275.00	ea	1 ea		\$275.00
39	4" Plug & Thrust Block	2	ea \$161.50	ea	2 ea		\$323.00
40	2" Drain w/ Brass Valve	1	ea \$1,250.00	ea	1 ea		\$1,250.00
41	Single Service Lateral	8	ea \$460.00	ea	8 ea		\$3,680.00
42	Double Service Laterals	25	ea \$575.00	ea	25 ea		\$14,375.00
43	Valve Collars	10	ea \$125.00	10 ea	10 ea	\$1,250.00	\$1,250.00
44	Pressure Test	1	ls \$500.00	ls	1 ls		\$500.00
<b>SANITARY SEWER SYSTEM</b>							
45	15" PVC SDR 35 Sewer Main & Fittings	1,080	If \$28.50	If	1080 If		\$30,780.00
46	8" PVC SDR 35 Sewer Main & Fittings	2,255	If \$17.95	If	2255 If		\$40,477.25
47	Abandon Exist. Sewer Main & Plug Ends w/ Concrete	1	ls \$500.00	ls	1 ls		\$500.00
48	Connect to Exist. Manhole, Reconstruct and Lower Rim Elevation	1	ls \$3,500.00	ls	1 ls		\$3,500.00
49	Abandon Exist. Manhole (Fill with Granular Material)	5	ea \$500.00	ea	5 ea		\$2,500.00
50	Raise Existing Manhole to Grade	1	ea \$350.00	ea	1 ea		\$350.00
51	Lower Existing Manhole to Grade	1	ea \$350.00	ea	1 ea		\$350.00
52	Rotate Lid and Steps on Exist. Manhole	2	ea \$275.00	ea	2 ea		\$550.00

ITEM NO.	LINE ITEM DESCRIPTION	QUANTITY	UNIT PRICE	CURRENT UNITS OR % COMPLETE	TO DATE UNITS OR % COMPLETE	CURRENT BILLING	TOTAL BILLED TO DATE
53	Furnish & Install 5' Dia. Manhole on Existing 15" Pipe	3 ea	\$3,800.00	ea	3 ea		\$11,400.00
54	Furnish & Install 5' Dia. Manhole	7 ea	\$2,585.00	ea	7 ea		\$18,095.00
55	Furnish & Install 4' Dia. Manhole on Existing 8" Pipe	1 ea	\$3,250.00	ea	1 ea		\$3,250.00
56	Furnish & Install 4' Dia. Manhole	10 ea	\$2,491.00	ea	10 ea		\$24,910.00
57	Furnish & Install 4" Sewer Lateral on 15" Pipe	18 ea	\$750.00	ea	18 ea		\$13,500.00
58	Furnish & Install 4" Sewer Lateral on 8" Pipe	38 ea	\$525.00	ea	38 ea		\$19,950.00
59	Manhole Collars	18 ea	\$185.00	18 ea	18 ea	\$3,330.00	\$3,330.00
60	Camera and Clean	1 ls	\$4,430.00	ls	1 ls		\$4,430.00
<b>STORM DRAIN SYSTEM</b>							
61	Grade Detention Pond	1 ls	\$3,000.00	ls	1 ls		\$3,000.00
62	30" R.C.P. Pipe	13 lf	\$55.00	lf	13 lf		\$715.00
63	24" R.C.P. Pipe	1,182 lf	\$27.90	lf	1182 lf		\$32,977.80
64	21" R.C.P. Pipe	942 lf	\$23.50	lf	942 lf		\$22,137.00
65	18" R.C.P. Pipe	931 lf	\$21.00	lf	931 lf		\$19,551.00
66	15" R.C.P. Pipe	1,501 lf	\$17.25	lf	1501 lf		\$25,892.25
67	Adjust Existing Cleanout Box to Grade	1 ea	\$500.00	ea	1 ea		\$500.00
68	Adjust Existing Manhole to Grade	1 ea	\$300.00	ea	1 ea		\$300.00
69	Reconfigure UDOT Catch Basin w/ Solid Lid	1 ea	\$1,150.00	ea	1 ea		\$1,150.00
70	Reconfigure Manhole w/ Catch Basin Grate	1 ea	\$1,200.00	ea	1 ea		\$1,200.00
71	Pour Concrete Base in Exist. Manhole	1 ea	\$350.00	ea	1 ea		\$350.00
72	Furnish & Install Combo Box on Exist. Storm Pipe	1 ea	\$2,400.00	ea	1 ea		\$2,400.00
73	Connection to Existing Catch Basin	1 ea	\$250.00	ea	1 ea		\$250.00
74	Connection to Existing Manhole	2 ea	\$250.00	ea	2 ea		\$500.00
75	Construct Storm Drain Pond Outlet Control Structure	1 ls	\$4,350.00	ls	1 ls		\$4,350.00
76	Furnish & Install 8'x4' Cleanout Box	1 ea	\$1,900.00	ea	1 ea		\$1,900.00
77	Furnish & Install 6' Dia. Manhole (Strapped and Sealed)	1 ea	\$2,585.00	ea	1 ea		\$2,585.00
78	Furnish & Install Storm Drain Manhole	2 ea	\$1,545.00	ea	2 ea		\$3,090.00
79	Manhole with Catch Basin Grate	16 ea	\$1,050.00	ea	16 ea		\$16,800.00
80	Cleanout Box	5 ea	\$900.00	ea	5 ea		\$4,500.00
81	Type IV Catch Basin	17 ea	\$975.00	ea	17 ea		\$16,575.00
82	Double Catch Basin	2 ea	\$1,875.00	ea	2 ea		\$3,750.00
83	30" R.C.P. Flared End Section w/ Grate	1 ea	\$950.00	ea	1 ea		\$950.00
84	Manhole Collars	3 ea	\$185.00	3 ea	3 ea	\$555.00	\$555.00
85	Camera and Clean	1 ls	\$5,300.00	ls	1 ls		\$5,300.00
86	Construct Concrete Spillway	1 ls	\$1,000.00	ls	1 ls		\$1,000.00
<b>SITE GRADING &amp; STREET</b>							
87	Rough Cut Road	63,619 cy	\$0.37	cy	63619 cy		\$23,539.03
88	Clear and Grub	30,000 sf	\$0.30	sf	30000 sf		\$9,000.00
89	Rough Grade Site	1 ls	\$7,500.00	ls	1 ls		\$7,500.00
90	Fill Existing Irrigation Ditch	975 lf	\$3.00	975 lf	975 lf	\$2,925.00	\$2,925.00
91	Saw Cutting	625 lf	\$1.00	lf	625 lf		\$625.00
92	3" Asphalt & 6" Base Course	116,900 sf	\$1.70	sf	116900 sf		\$198,730.00
93	3" Asphalt & 10" Base Course	58,450 sf	\$1.95	sf	58450 sf		\$113,977.50
94	3" Asphalt & 4" Base Course	11,930 sf	\$2.01	sf	11930 sf		\$23,979.30
95	8" Asphalt & 8" Base Course & 18" Granular Fill	2,860 sf	\$5.85	sf	2860 sf		\$16,731.00
96	24" Base Course & Tensar BX1200 Geogrid	10,250 sy	\$3.70	sy	10250 sy		\$37,925.00
97	8" Base Course Ingress/Egress 1375 East	13,032 sf	\$0.75	sf	13032 sf		\$9,774.00
98	Chip and Seal Coat on New Asphalt	175,350 sf	\$0.50	sf			
99	Flowable Fill and Repair South Weber Drive	1 ls	\$3,500.00	ls	1 ls		\$3,500.00
100	30" Curb and Gutter & Base	8,994 lf	\$11.45	lf	8994 lf		\$102,981.30
101	Sidewalk and Base	47,111 sf	\$2.45	33611 sf	47111 sf	\$82,346.95	\$115,421.95
102	UDOT Drive Approaches (South Weber	1 ls	\$1,987.50	ls	1 ls		\$1,987.50
103	Concrete Drive Approach (Trail)	1 ls	\$650.00	ls	1 ls		\$650.00
104	UDOT Handicap Ramp	2 ea	\$450.00	ea	2 ea		\$900.00
105	City Std. Handicap Ramp	12 ea	\$450.00	ea	12 ea		\$5,400.00
106	Striping Removal (South Weber Drive)	1 ls	\$1,300.00	ls	1 ls		\$1,300.00
107	Striping (South Weber Drive)	1 ls	\$1,500.00	ls	1 ls		\$1,500.00
108	Remove Rock Wall and Salvage On Site to Bouchards	1 ls	\$2,500.00	1 ls	1 ls	\$2,500.00	\$2,500.00
109	Construct Redi Block Wall	1 ls	\$30,000.00	1 ls	1 ls	\$30,000.00	\$30,000.00
110	Finish Grading (Landscaping)	1 ls	\$4,950.00	ls	1 ls		\$4,950.00
111	Construct 3/4" Crushed Rock 4'x10' Pad off South Weber Drive	1 ls	\$150.00	ls	1 ls		\$150.00

ITEM NO.	LINE ITEM DESCRIPTION	QUANTITY	UNIT PRICE	CURRENT UNITS OR % COMPLETE	TO DATE UNITS OR % COMPLETE	CURRENT BILLING	TOTAL BILLED TO DATE
<b>MISCELLANEOUS</b>							
112	Demolition (Buildings (3) and Concrete Pad)	1 ls	\$21,000.00	ls	1 ls		\$21,000.00
113	Landscape Berm	935 lf	\$6.00	935 lf	935 lf	\$5,610.00	\$5,610.00
114	Backfill Trenches Using Onsite Material	1,000 cy	\$4.30	cy	1000 cy		\$4,300.00
115	Relocate Exist. Mailbox (South Weber Drive)	1 ea	\$350.00	ea	1 ea		\$350.00
116	Relocate School Crossing Sign on South Weber Drive	1 ea	\$350.00	ea	1 ea		\$350.00
117	Relocate Power Utility Pole (South Weber Drive) Estimate from Utah Power	1 ea	\$15,000.00	ea	1 ea		\$15,000.00
118	Restore or Replace Fence to Original Condition (Includes Gates)	1 ls	\$1,500.00	ls	1 ls		\$1,500.00
119	Site Inspection and Testing	1 ls	\$5,500.00	ls	1 ls		\$5,500.00
120	6' Chainlink Fence	2,382 lf	\$11.50	1 lf	1 lf	\$11.50	\$11.50
121	Detention Basin Sod and Sprinkler System and Power Pedestal	1 ls	\$51,000.00	ls	1 ls		\$51,000.00
122	Street Lights	13 ea	\$1,500.00	ea	13 ea		\$19,500.00
123	Survey Street Monuments	17 ea	\$650.00	17 ea	17 ea	\$11,050.00	\$11,050.00
124	Street Sign	6 ea	\$250.00	6 ea	6 ea	\$1,500.00	\$1,500.00
125	Erosion Control (SWPPP)	1 ls	\$10,000.00	ls	1 ls		\$10,000.00
126	Construction Entrance	1 ls	\$1,680.00	ls	1 ls		\$1,680.00
127	Silt Fence	2,820 lf	\$1.00	lf	2820 lf		\$2,820.00
128	Inlet Box Protection	35 ea	\$20.00	ea	35 ea		\$700.00
129	Concrete Washout Area	1 ls	\$250.00	ls	1 ls		\$250.00
<b>15% CONTINGENCY</b>		1 ls	\$257,632.65	1 ls	1 ls	\$257,632.65	\$257,632.65
<b>10% GUARANTEE</b>		1 ls	\$171,755.10	ls	ls		
<b>TOTALS</b>						<b>\$402,086.10</b>	<b>\$1,860,127.13</b>
<b>AMOUNT OF REQUEST</b>						<b>\$402,086.10</b>	<b>\$1,860,127.13</b>

Jones & Associates Consulting Engineers