-2013-030-

Engineering Surveys and Services
Consulting Engineers, Geologists, and Land Surveyors
Analytical and Material Laboratories
1113 Fay Street
Columbia, Missouri 65201

Telephone 573-449-2646
Facsimile 573-449-1499

E-Mail ess@ESS-Inc.com
http://www.ESS-Inc.com

OPINION OF PROBABLE SITE CONSTRUCTION COSTS

RECEIVED
MAY 14 2013
Planning & Development

Date:	29-Apr-13	Revised Date:	
Project:	Wilshire Hills Phase II		
Description:	Construction Costs (Does not include building, signage, lighting, water feature, and on-site sidewalks)		
Project No.:	12320		
Notes:	1. No landscape, engineering, stakeout, permit costs are included with this cost estimate.		

Item	Description	Quantity	Unit	Unit Price	Total
1.00	***EARTHWORK***				
1.01	On-site excavation & placement, compaction	6,000	C.Y.	$3.00	$18,000.00
				SUBTOTAL:	$18,000.00
2.00	***SEDIMENT EROSION CONTROL***				
2.01	Silt Fence - Non-Reinforced (incl. Maintenance)	846	L.F.	$2.80	$2,364.57
2.02	Construction Entrance/Exit	1	EACH	$2,900.00	$2,900.00
2.03	Concrete Washout (incl. Maintenance)	1	EACH	$1,500.00	$1,500.00
2.04	Inlet Protection	12	EACH	$250.00	$3,000.00
2.05	Rip Rap - Permanent	32	TON	$27.00	$864.00
2.06	Permanent Seeding/Mulching	1.4	ACRES	$2,100.00	$2,940.00
				SUBTOTAL:	$13,568.57
3.00	***STORM SEWER***				
3.01	4" HDPE	55	L.F.	$8.00	$440.00
3.02	6" PVC	305	L.F.	$10.00	$3,050.00
3.03	8" PVC	898	L.F.	$14.00	$12,572.00
3.04	12" HDPE	164	L.F.	$25.10	$4,116.40
3.05	15" HDPE	410	L.F.	$29.00	$11,890.00
3.06	18" HDPE	167	L.F.	$34.00	$5,678.00
3.07	24" HDPE	232	L.F.	$38.00	$8,816.00
				SUBTOTAL:	$46,562.40
4.00	***DRAINAGE STRUCTURES***				
4.01	Curb Inlet Type A 3'X2'	5	EACH	$2,340.00	$11,700.00
4.02	Side Open Inlet 3'X3'	1	EACH	$1,650.00	$1,650.00
4.03	Side Open Inlet 4'X3'	1	EACH	$1,700.00	$1,700.00
4.04	Junction Box 3'X3'	4	EACH	$2,040.00	$8,160.00
4.05	Nyloplast Drain Basin (under 24" Base)	11	EACH	$1,000.00	$11,000.00
4.06	Inflow/Outfall Structure (7'X4')	2	EACH	$4,000.00	$8,000.00
4.07	8" Cleanout	7	EACH	$400.00	$2,800.00
4.08	24" HDPE FES	1	EACH	$724.00	$724.00
4.09	Detention Basin - StormTech	12,172	C.F.	$9.50	$115,634.00
				SUBTOTAL:	$161,368.00

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Item	Description	Quantity	Unit	Unit Price	Total
5.00	***MISCELLANEOUS***				
5.01	Picket Fencing	671	L.F.	$15.00	$10,065.00
5.02	Modular Block Retaining Wall (Does not include fence)	7,199	S.F. Face	$23.00	$165,577.00
				SUBTOTAL:	$175,642.00
6.00	***WATER SERVICE***				
6.01	2" Poly	10	L.F.	$7.80	$78.00
6.02	3" PVC	230	L.F.	$8.60	$1,978.00
6.03	6" PVC C-900	409	L.F.	$18.80	$7,689.20
6.04	8" PVC C-900	219	L.F.	$22.05	$4,828.95
6.05	6" Gate Valve & Box	1	EACH	$963.25	$963.25
6.06	Fire Hydrant Assembly (includes gate valve & box)	3	EACH	$3,075.00	$9,225.00
6.07	2" Transition Meter	1	EACH	$2,320.00	$2,320.00
6.08	BFP & Valve Vault (10'X4')	1	EACH	$4,000.00	$4,000.00
6.09	6" Tees	3	EACH	$320.00	$960.00
6.10	8" Fittings (bends, reducers, etc.)	4	EACH	$375.00	$1,500.00
6.11	Thrust Block	6	LUMP SUM	$300.00	$1,800.00
6.12	12" Steel Casing	25	L.F.	$20.00	$500.00
				SUBTOTAL:	$35,842.40
7.00	***SANITARY SEWER***				
7.01	6" PVC-SDR35	152	L.F.	$23.10	$3,511.20
7.02	6" Cleanout	1	EACH	$750.00	$750.00
7.03	6" Two-Way Cleanout	1	EACH	$1,200.00	$1,200.00
				SUBTOTAL:	$5,461.20
8.00	***UTILITY EXTENSIONS***				
8.01	Risers	1	EACH	$3,950.00	$3,950.00
8.02	Sectionalizer / Pullbox	1	EACH	$500.00	$500.00
8.03	Electric Transformer / Switchgear Concrete Pad	1	EACH	$2,500.00	$2,500.00
8.04	Electric Conduit	1	LUMP SUM	$2,000.00	$2,000.00
8.05	Telephone Conduit	1	LUMP SUM	$1,000.00	$1,000.00
8.06	Television Conduit	1	LUMP SUM	$1,000.00	$1,000.00
				SUBTOTAL:	$10,950.00
9.00	***PAVING***				
9.01	Standard duty concrete (incl. base)	3,002	S.Y.	$40.00	$120,080.00
9.02	Heavy duty concrete (incl. base)	37	S.Y.	$50.00	$1,850.00

-2013-03?-

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Item	Description	Quantity	Unit	Unit Price	Total
9.03	24" Curb and Gutter	1,439	L.F.	$14.50	$20,865.50
				SUBTOTAL:	$142,795.50
10.00	***PARKING LOT***				
10.01	Striping (2 coats)	954	L.F.	$0.38	$362.52
10.02	Painted Accessible Symbol & Signs	4	EACH	$190.00	$760.00
				SUBTOTAL:	$1,122.52

Total $611,312.59

5/1/13

STATE OF MISSOURI
MATTHEW AARON KRIFTE
NUMBER PE-2007002811
PROFESSIONAL ENGINEER