Exhibit "A"

PUBLIC IMPROVEMENT COSTS

Willow Brook Place

S. Kipling Parkway and Progress Avenue, Littleton, CO

Case Number

2/28/2013

	IMPROVEMENTS LIST PRICING				
Work Category	**Improvement Item**	**Unit**	**Plan Quantity**	**Unit Cost**	**Total Cost**
Construction	Vehicle Tracking Pad	EACH	1		
				Total	
Sediment Control	Silt Fence	LIN FT	595		
	Inlet Protection	EACH	6		
	Concrete Washout Area	EACH	1		
	Curb Socks	LIN FT	80		
	Sediment Basin (per contributory acre)	ACRE			
				Total	
Erosion Control	Mulching (Straw)	SQ YD	5953		
	Temporary seeding	ACRE	1.25		
				Total	
Grading	Grading	CU YD	12801		
	Grading (Export)	CU YD	5349		
	Retaining Walls	SQ FT	2860		
	Compacting	CU YD	3726		
				Total	
Final Stabilization	Permanent Seeding	ACRE	1.06		
	Sod	SQ FT	6210		
	Seedbed Preparation	ACRE	1.06		
	Topsoil (CIP)	CU YD	936		
	Mulch (remove straw)	SQ YD	5953		
	Silt Fence	LIN FT	595		
	Inlet protection	EACH	6		
				Total	
PRIVATE CIRCULATION ITEMS					
Storm Drainage	Inlets Type R, 5'	EACH	3		
	Area Drains (Nylopast)	EACH	4		
	Flared End Sections CMP 15"	EACH	1		
	Flared End Sections CMP 18"	EACH	1		
	Storm Sewer RCP 15"	LIN FT	390		
	Storm Sewer RCP 18"	LIN FT	160		
	Storm Sewer HDPE 8"	LIN FT	121		
	Storm Sewer HDPE 10"	LIN FT	175		
	Manholes 4' DIA	EACH	4		
				Total	
PRIVATE CIRCULATION ITEMS					
Detention/Retention (Outlet Structure)	Outlet Structure (include grates, orifice plates, etc.	EACH	1		
	Pond grading	CU YD	1023		
	Permanent Seeding	ACRE	0.25		
				Total	

Private Circulation (Streets/Roads)	Hot Bituminous Pavement-(6 inches)	SQ YD	3234		
	Hot Bituminous Pavement-(7 inches)	SQ YD	450		
	Fine Grading & Shaping	CU YD	1195		
	Combination Curb, Gutter & Sidewalk	LIN FT	735		
	6" Vertical Curb and Gutter	LIN FT	1529		
	V Gutter Pan	LIN FT	210		
	Detached Sidewalks (5')	SQ YD	415		
	Handicap Ramps	EACH	5		
	Striping	LIN FT	689		
	Signs (street, stop, road name, traffic, etc.)	EACH	3		
				Total	
PUBLIC CIRCULATION ITEMS					
Storm Drainage	Storm Sewer RCP 15"	LIN FT	70		
				Total	
Public Circulation (Streets/Roads)	Pavement Rotomilling	SQ YD	29		
	Hot Bituminous Pavement-(8 inches)	SQ YD	29		
	Hot Bituminous Pavement-(6 inches)	SQ YD	106		
	Fine Grading & Shaping	CU YD	45		
	Cross Pans	SQ YD	88		
	6" Vertical Curb and Gutter	LIN FT	116		
	Trails (10')	SQ YD	80		
	Handicap Ramps	EACH	2		
	Signs (street, stop, road name, traffic, etc.)	EACH	1		
				Total	
OTHER SITEWORK					
Water Systems	Water Line Pipe 6" (ductile Iron)	LIN FT	64		
	Water Line Pipe 8" (ductile Iron)	LIN FT	945		
	Gate Valve (8")	EACH	5		
	Valve Box	LIN FT	5		
	Bedding Material	SQ YD	675		
	Bends (8", 45 Degree)	EACH	10		
	Swivle Tee (8"X6")	EACH	3		
	Tee (8"X8")	EACH	2		
	Valve Adjustment	TON	5		
				Total	
Sewer Systems	6" PVC Sewer Line	LIN FT	275		
	Cleanout	EACH	1		
	1500 Gallon Grease Trap	EACH	1		
				Total	
Fire Protection	Fire Hydrant Assembly	EACH	3		
				Total	
			Subtotal		
			10% Contingency		
			TOTAL		

Prepared By Andrew Marner, PE Date

Owner/Applicant - Steve Miller - Anthem Memory Care Date

Approved- Jefferson County Date