

**Lindsay Heights - Phase 1  
Subdivision Agreement Cost Estimate**

	Unit	Price (\$)	Quantity	Total Cost (\$)	Security %	Security Amount
<b>1 Site Preparation, Removals and Erosion Control</b>						
Insurance, Mobilization & Demobilization	LS					
Construct and maintain Concrete Wash Out Area.	LS	\$2,500.00	1	\$2,500.00	100%	\$2,500.00
Temporary Street and Stop Signs, inc. Unassumed Street Signs	LS					
Light Duty Silt Fencing (219.110)	m	\$12.00	600	\$7,200.00	100%	\$7,200.00
Heavy Duty Silt Fencing (219.130)	m	\$15.00	2545	\$38,175.00	100%	\$38,175.00
Landscaping (other than boulevard trees)	LS					
Straw Bale Check Dams (219.180)	ea	\$1,000.00	3	\$3,000.00	100%	\$3,000.00
Earth Excavation	m <sup>3</sup>					
Construction of Mud Mat	ea	\$20,000.00	1	\$20,000.00	100%	\$20,000.00
Construct and maintain Gravel Access Road	LS	\$15,000.00	1	\$15,000.00	100%	\$15,000.00
Construct and maintain Temporary Farm Access Road	LS	\$25,000.00	1	\$25,000.00	100%	\$25,000.00
Removals	LS					
Clear and Grub Work Area	LS	\$10,000.00	1	\$10,000.00	100%	\$10,000.00
Topsoil Strip & Remove	LS					
Re-Install Existing Street Signs	LS					
Traffic Control	LS					
Site Dewatering	LS					
Construct Temporary Cut Off Swales	m	\$10.00	2425	\$24,250.00	100%	\$24,250.00
Construct Temporary Check Dams	ea	\$1,000.00	6	\$6,000.00	100%	\$6,000.00
Supply and install Sediment Trap (219.220)	ea	\$2,000.00	4	\$8,000.00	100%	\$8,000.00
Siltation Ponds	LS	\$20,000.00	1	\$20,000.00	100%	\$20,000.00
Supply and install Channel on the east side of Highway 35	m	\$50.00	565	\$28,250.00	100%	\$28,250.00
Rock Excavation	m <sup>3</sup>					
Rock Blasting	m <sup>3</sup>					
External Road Sweeping / Maintenance	LS	\$10,000.00	1	\$10,000.00	100%	\$10,000.00
Catchbasin Filtration	ea					
Tile Drain Decommissioning	LS	\$20,000.00	1	\$20,000.00	100%	\$20,000.00
Dust Control	LS	\$15,000.00	1	\$15,000.00	100%	\$15,000.00
<b>Subtotal: Site Preparation, Removals and Erosion Control</b>				<b>\$252,375.00</b>		<b>\$252,375.00</b>
<b>2 Storm</b>						
<b>STORM SEWER</b>						
<b>MCKAY AVENUE</b>						
MH07 - MH06 - 750mm Conc.	m	\$ 610.00	85	\$ 51,850.00	100%	\$ 51,850.00
MH06 - MH05 - 975mm Conc.	m	\$ 860.00	58	\$ 49,880.00	100%	\$ 49,880.00
MH05 - MH04 - 975mm Conc.	m	\$ 860.00	37	\$ 31,820.00	100%	\$ 31,820.00
MH04 - MH03 - 1050mm Conc.	m	\$ 880.00	52	\$ 45,760.00	100%	\$ 45,760.00
MH03 - MH02 - 1050mm Conc.	m	\$ 880.00	36	\$ 31,680.00	100%	\$ 31,680.00
MH02 - MH01 - 1050mm Conc.	m	\$ 880.00	23	\$ 20,240.00	100%	\$ 20,240.00
MH01 - HW01 - 1050mm Conc.	m	\$ 880.00	28	\$ 24,640.00	100%	\$ 24,640.00
<b>DEBOIS STREET (East)</b>						
MH18 - MH17 - 300mm PVC.	m	\$ 280.00	24	\$ 6,720.00	100%	\$ 6,720.00
MH17 - MH16 - 375mm PVC.	m	\$ 300.00	24	\$ 7,200.00	100%	\$ 7,200.00
MH16 - MH15 - 375mm PVC.	m	\$ 300.00	32	\$ 9,600.00	100%	\$ 9,600.00
MH15 - MH14 - 450mm PVC.	m	\$ 280.00	78	\$ 21,840.00	100%	\$ 21,840.00
MH13 - MH12 - 750mm Conc.	m	\$ 610.00	86	\$ 52,460.00	100%	\$ 52,460.00
MH14 - MH13 - 750mm Conc.	m	\$ 610.00	79	\$ 48,190.00	100%	\$ 48,190.00
MH12 - MH11 - 825mm Conc.	m	\$ 700.00	90	\$ 63,000.00	100%	\$ 63,000.00
MH11 - MH10 - 975mm Conc.	m	\$ 860.00	26	\$ 22,360.00	100%	\$ 22,360.00

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MH10 - MH02 - 975mm Conc.	m	\$ 860.00	74	\$ 63,640.00	100%	\$ 63,640.00
<u>DEBOIS STREET (West)</u>						
TEMP. DDICB1 - MH01 - 525mm Conc.	m	\$ 310.00	17	\$ 5,270.00	100%	\$ 5,270.00
<u>SANDERSON DRIVE (South)</u>						
MH26 - MH25 - 300mm PVC	m	\$ 280.00	14	\$ 3,920.00	100%	\$ 3,920.00
MH25 - MH24 - 450mm PVC	m	\$ 300.00	49	\$ 14,700.00	100%	\$ 14,700.00
MH24 - MH23 - 525mm Conc.	m	\$ 310.00	85	\$ 26,350.00	100%	\$ 26,350.00
MH23 - MH22 - 600mm Conc.	m	\$ 360.00	75	\$ 27,000.00	100%	\$ 27,000.00
MH22 - MH21 - 600mm Conc.	m	\$ 360.00	12	\$ 4,320.00	100%	\$ 4,320.00
MH21 - MH20 - 675mm Conc.	m	\$ 500.00	10	\$ 5,000.00	100%	\$ 5,000.00
MH20 - MH11 - 675mm Conc.	m	\$ 500.00	55	\$ 27,500.00	100%	\$ 27,500.00
<u>SANDERSON DRIVE (North)</u>						
MH37 - MH36 - 300mm PVC	m	\$ 280.00	9	\$ 2,520.00	100%	\$ 2,520.00
MH36 - MH35 - 375mm PVC	m	\$ 300.00	21	\$ 6,300.00	100%	\$ 6,300.00
MH35 - MH34 - 375 mm PVC	m	\$ 300.00	14	\$ 4,200.00	100%	\$ 4,200.00
MH34 - MH33 - 525mm Conc.	m	\$ 310.00	70	\$ 21,700.00	100%	\$ 21,700.00
MH33 - MH32 - 600mm Conc.	m	\$ 360.00	70	\$ 25,200.00	100%	\$ 25,200.00
MH32 - MH31 - 600mm Conc.	m	\$ 360.00	35	\$ 12,600.00	100%	\$ 12,600.00
MH31 - MH30 - 600mm Conc.	m	\$ 360.00	15	\$ 5,400.00	100%	\$ 5,400.00
MH30 - MH06 - 675mm Conc.	m	\$ 500.00	71	\$ 35,500.00	100%	\$ 35,500.00
<u>SYLVESTER DRIVE</u>						
CBMH46 - MH45 - 300mm PVC	m	\$ 250.00	37	\$ 9,250.00	100%	\$ 9,250.00
MH45 - MH44 - 450mm CONC	m	\$ 280.00	67	\$ 18,760.00	100%	\$ 18,760.00
MH44 - MH42 - 600mm Conc.	m	\$ 360.00	88	\$ 31,680.00	100%	\$ 31,680.00
MH42 - MH41 - 750mm Conc.	m	\$ 610.00	96	\$ 58,560.00	100%	\$ 58,560.00
MH41 - MH40 - 750mm Conc.	m	\$ 610.00	90	\$ 54,900.00	100%	\$ 54,900.00
MH40 - MH07 - 750mm Conc.	m	\$ 610.00	19	\$ 11,590.00	100%	\$ 11,590.00
<u>STREET M</u>						
TEMP. DDICB60 - MH04 - 525mm Conc.	m	\$ 310.00	20	\$ 6,200.00	100%	\$ 6,200.00
<u>STREET I</u>						
TEMP. DDICB80 - MH44 - 525mm Conc.	m	\$ 310.00	17	\$ 5,270.00	100%	\$ 5,270.00
<u>STREET L</u>						
TEMP. DDICB70 - MH06 - 525mm Conc.	m	\$ 310.00	20	\$ 6,200.00	100%	\$ 6,200.00
<u>PARK BLOCK</u>						
CBMH106 - CBMH105 - 300mm PVC	m	\$ 280.00	26	\$ 7,280.00	100%	\$ 7,280.00
CBMH105 - MH37 - 300mm PVC	m	\$ 280.00	25	\$ 7,000.00	100%	\$ 7,000.00
MH37 - MH36 - 300mm PVC	m	\$ 280.00	9	\$ 2,520.00	100%	\$ 2,520.00
CBMH104 - CBMH03 - 300mm PVC	m	\$ 280.00	33	\$ 9,240.00	100%	\$ 9,240.00
CBMH103 - CBMH102 - 375mm PVC	m	\$ 300.00	57	\$ 17,100.00	100%	\$ 17,100.00
CBMH102 - CBMH02 - 450mm CONC	m	\$ 280.00	39	\$ 10,920.00	100%	\$ 10,920.00
CBMH101 - CBMH100 - 375mm PVC	m	\$ 300.00	23	\$ 6,900.00	100%	\$ 6,900.00
CBMH100 - MH19 - 375mm PVC	m	\$ 300.00	10	\$ 3,000.00	100%	\$ 3,000.00
CBMH03 - CBMH02 - 525mm CONC	m	\$ 310.00	44	\$ 13,640.00	100%	\$ 13,640.00
CBMH02 - CBMH01 - 525mm CONC	m	\$ 310.00	44	\$ 13,640.00	100%	\$ 13,640.00
CBMH01 - MH19 - 525mm CONC	m	\$ 310.00	39	\$ 12,090.00	100%	\$ 12,090.00
MH19 - MH14 - 600mm CONC	m	\$ 360.00	44	\$ 15,840.00	100%	\$ 15,840.00
<u>FOREBAY 2</u>						
MH114 - HW02 - 975mm Conc.	m	\$ 860.00	21	\$ 18,060.00	100%	\$ 18,060.00
STUB - HW02 - 675mm CONC.	m	\$ 500.00	3	\$ 1,500.00	100%	\$ 1,500.00
STUB - HW02 - 750mm CONC.	m	\$ 610.00	3	\$ 1,830.00	100%	\$ 1,830.00
<u>POND OUTLET</u>						
BOTTOM DRAW OUTLET - CONTROL MH3 - 250mm PVC	m	\$ 250.00	22	\$ 5,500.00	100%	\$ 5,500.00
CONTROL MH3 - HW03 - 525mm Conc.	m	\$ 310.00	23	\$ 7,130.00	100%	\$ 7,130.00

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<b><u>MANHOLE</u></b>						
McKay Avenue						
HW01	ea	\$ 12,500.00	1	\$ 12,500.00	100%	\$ 12,500.00
MH01 2400 mm diameter	ea	\$ 12,500.00	1	\$ 12,500.00	100%	\$ 12,500.00
MH02 2400 mm diameter	ea	\$ 12,500.00	1	\$ 12,500.00	100%	\$ 12,500.00
MH03 2400 mm diameter	ea	\$ 12,500.00	1	\$ 12,500.00	100%	\$ 12,500.00
MH04 2400 mm diameter	ea	\$ 12,500.00	1	\$ 12,500.00	100%	\$ 12,500.00
MH05 2400 mm diameter	ea	\$ 12,500.00	1	\$ 12,500.00	100%	\$ 12,500.00
MH06 2400 mm diameter	ea	\$ 12,500.00	1	\$ 12,500.00	100%	\$ 12,500.00
MH07 1800 mm diameter	ea	\$ 8,000.00	1	\$ 8,000.00	100%	\$ 8,000.00
DEBOIS STREET						
MH10 2400 mm diameter	ea	\$ 12,500.00	1	\$ 12,500.00	100%	\$ 12,500.00
MH11 2400 mm diameter	ea	\$ 12,500.00	1	\$ 12,500.00	100%	\$ 12,500.00
MH12 1800 mm diameter	ea	\$ 8,000.00	1	\$ 8,000.00	100%	\$ 8,000.00
MH13 1800 mm diameter	ea	\$ 8,000.00	1	\$ 8,000.00	100%	\$ 8,000.00
MH14 1800 mm diameter	ea	\$ 8,000.00	1	\$ 8,000.00	100%	\$ 8,000.00
MH15 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
MH16 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
MH17 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
MH18 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
SANDERSON DRIVE (South)						
MH20 1800 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH21 1800 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH22 1500 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH23 1500 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH24 1500 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH25 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
MH26 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
SANDERSON DRIVE (North)						
MH30 1800 mm diameter	ea	\$ 8,000.00	1	\$ 8,000.00	100%	\$ 8,000.00
MH31 1500 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH32 1500 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH33 1500 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH34 1500 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH35 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
MH36 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
MH37 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
Sylvester Drive						
MH40 1800 mm diameter	ea	\$ 8,000.00	1	\$ 8,000.00	100%	\$ 8,000.00
MH41 1800 mm diameter	ea	\$ 8,000.00	1	\$ 8,000.00	100%	\$ 8,000.00
MH42 1500 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH44 1500 mm diameter	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
MH45 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
Park Block						
MH19 1500 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH01 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH02 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH03 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH100 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH101 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH102 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH103 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH104 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH105 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
CBMH106 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00

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	<b>Unit</b>	<b>Price (\$)</b>	<b>Quantity</b>	<b>Total Cost (\$)</b>	<b>Security %</b>	<b>Security Amount</b>
MH37 1200 mm diameter	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
<b><u>CATCHBASINS</u></b>						
PARK BLOCK - 600mm ø Catch Basin c/w Frame & Grate (OPSD:705.010/400.020) and Lead	ea	\$ 4,000.00	8	\$ 32,000.00	100%	\$ 32,000.00
1200mmø Catchbasin Manhole CBMH46 - Sylvester	ea	\$ 5,000.00	1	\$ 5,000.00	100%	\$ 5,000.00
1200mm ø Double Catchbasin Manhole (DCBMH02 - McKay Ave)	ea	\$ 6,000.00	1	\$ 6,000.00	100%	\$ 6,000.00
600mm ø Catch Basin c/w Frame & Grate (OPSD:705.010/400.020) and Lead	ea	\$ 3,200.00	54	\$ 172,800.00	100%	\$ 172,800.00
Double Catch Basin and Lead (DCB01 - McKay Ave)	ea	\$ 4,200.00	1	\$ 4,200.00	100%	\$ 4,200.00
600 x 1200mm ø Double Ditch Inlet Catch Basin c/w Frame & Grate (OPSD:705.040/403.010)	ea	\$ 5,000.00	4	\$ 20,000.00	100%	\$ 20,000.00
Rear Yard Catch Basin as per City standards and OPSD 705.010 including 300mm PVC lead and concrete encasement for full length of pipe lead.	ea	\$ 6,000.00	22	\$ 132,000.00	100%	\$ 132,000.00
150mm ø Storm Service Lateral	ea	\$ 1,000.00	270	\$ 270,000.00	100%	\$ 270,000.00
Rear Yard LIDs	ea	\$ 700.00	103	\$ 72,100.00	100%	\$ 72,100.00
Clean, Flush and Video Inspection of Storm Sewers	m	\$ 8.00	2373	\$ 18,984.00	100%	\$ 18,984.00
Operation and Maintenance of Stormwater Management Facilities for MECP ECA Compliance	LS	\$ 40,000.00	1	\$ 40,000.00	100%	\$ 40,000.00
Stormwater Management Pond	LS	\$ 350,000.00	1	\$ 350,000.00	100%	\$ 350,000.00
Stormwater Management Planting Plan	LS	\$ 50,000.00	1	\$ 50,000.00	100%	\$ 50,000.00
SWM Pond Cleanout: Pre-Assumption	LS	\$ 100,000.00	1	\$ 100,000.00	100%	\$ 100,000.00
OGS Cleanout: Pre-Assumption	LS		n/a			
<b>Subtotal: Storm</b>				<b>\$ 2,751,544.00</b>		<b>\$2,751,544.00</b>

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3	Sanitary	Unit	Price (\$)	Quantity	Total Cost (\$)	Security %	Security Amount
<b><u>SANITARY SEWER</u></b>							
<b><u>MCKAY AVENUE</u></b>							
	MH 1A - MH2A - 375mmPVC	m	\$500.00	68	\$34,000.00	100%	\$34,000.00
	MH 3A - MH 2A - 375mmPVC	m	\$500.00	32	\$16,000.00	100%	\$16,000.00
	MH 4A - MH 3A - 375mmPVC	m	\$500.00	55	\$27,500.00	100%	\$27,500.00
	MH 5A - MH 4A - 375mmPVC	m	\$500.00	95	\$47,500.00	100%	\$47,500.00
	MH 6A - MH 5A - 375mmPVC	m	\$500.00	89	\$44,500.00	100%	\$44,500.00
	MH 7A - MH 6A - 300mmPVC	m	\$400.00	83	\$33,200.00	100%	\$33,200.00
<b><u>DEBOIS STREET (East)</u></b>							
	MH 10A - MH 2A - 200mmPVC	m	\$230.00	68	\$15,640.00	100%	\$15,640.00
	MH 11A - MH 10A - 200mmPVC	m	\$230.00	23	\$5,290.00	100%	\$5,290.00
	MH 12A - MH 11A - 200mmPVC	m	\$230.00	74	\$17,020.00	100%	\$17,020.00
	MH 13A - MH 12A - 200mmPVC	m	\$230.00	89	\$20,470.00	100%	\$20,470.00
	MH 14A - MH 13A - 200mmPVC	m	\$230.00	89	\$20,470.00	100%	\$20,470.00
	MH 15A - MH 14A - 200mmPVC	m	\$230.00	88	\$20,240.00	100%	\$20,240.00
	MH 16A - MH 15A - 200mmPVC	m	\$230.00	34	\$7,820.00	100%	\$7,820.00
	MH 17A - MH 16A - 200mmPVC	m	\$230.00	25	\$5,750.00	100%	\$5,750.00
	MH 18A - MH 17A - 200mmPVC	m	\$230.00	21	\$4,830.00	100%	\$4,830.00
<b><u>DEBOIS STREET (West)</u></b>							
	PLUG 1A - MH 2A - 200mmPVC	m	\$230.00	26	\$5,980.00	100%	\$5,980.00
<b><u>SANDERSON DRIVE (South)</u></b>							
	MH 20A - MH 11A - 200mmPVC	m	\$230.00	53	\$12,190.00	100%	\$12,190.00
	MH 21A - MH 20A - 200mmPVC	m	\$230.00	21	\$4,830.00	100%	\$4,830.00
	MH 22A - MH 21A - 200mmPVC	m	\$230.00	12	\$2,760.00	100%	\$2,760.00
	MH 23A - MH 22A - 200mmPVC	m	\$230.00	47	\$10,810.00	100%	\$10,810.00
	MH 24A - MH 23A - 200mmPVC	m	\$230.00	83	\$19,090.00	100%	\$19,090.00
	MH 25A - MH 24A - 200mmPVC	m	\$230.00	77	\$17,710.00	100%	\$17,710.00
	MH 26A - MH 25A - 200mmPVC	m	\$230.00	14	\$3,220.00	100%	\$3,220.00
<b><u>SANDERSON DRIVE (North)</u></b>							
	MH 30A - MH 5A - 200mmPVC	m	\$230.00	81	\$18,630.00	100%	\$18,630.00
	MH 31A - MH 30A - 200mmPVC	m	\$230.00	47	\$10,810.00	100%	\$10,810.00
	MH 32A - MH 31A - 200mmPVC	m	\$230.00	73	\$16,790.00	100%	\$16,790.00
	MH 33A - MH 32A - 200mmPVC	m	\$230.00	70	\$16,100.00	100%	\$16,100.00
	MH 34A - MH 33A - 200mmPVC	m	\$230.00	24	\$5,520.00	100%	\$5,520.00
<b><u>SYLVESTER DRIVE</u></b>							
	MH 41A - MH 6A - 200mmPVC	m	\$230.00	100	\$23,000.00	100%	\$23,000.00
	MH 42A - MH 41A - 200mmPVC	m	\$230.00	98	\$22,540.00	100%	\$22,540.00
	MH 43A - MH 42A - 200mmPVC	m	\$230.00	90	\$20,700.00	100%	\$20,700.00
	MH 44A - MH 43A - 200mmPVC		\$230.00	62	\$14,260.00	100%	\$14,260.00
	MH 45A - MH 44A - 200mmPVC	m	\$230.00	35	\$8,050.00	100%	\$8,050.00
<b><u>SYLVESTER DRIVE (WEST)</u></b>							
	MH 46A - MH 6A - 200mmPVC	m	\$230.00	26	\$5,980.00	100%	\$5,980.00
<b><u>Street M</u></b>							
	PLUG 2A - MH 4A - 200mmPVC	m	\$230.00	26	\$5,980.00	100%	\$5,980.00
<b><u>Street L</u></b>							
	PLUG 3A - MH 5A - 200mmPVC	m	\$230.00	26	\$5,980.00	100%	\$5,980.00
<b><u>Street I</u></b>							
	PLUG 4A - MH 43A - 200mmPVC	m	\$230.00	23	\$5,290.00	100%	\$5,290.00
<b><u>Park</u></b>							
	MH 35A - MH 34A - 200mmPVC	m	\$230.00	5	\$1,150.00	100%	\$1,150.00
<b><u>ST JOSEPH ROAD</u></b>							
	Plug - Ex.MH08321 372	m	\$230.00	18	\$4,140.00	100%	\$4,140.00

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	Unit	Price (\$)	Quantity	Total Cost (\$)	Security %	Security Amount
<b><u>SANITARY STRUCTURE</u></b>						
<u>McKay Avenue</u>						
MH 1A - 1200mm diameter	ea	\$15,000.00	1	\$15,000.00	100%	\$15,000.00
MH 2A - 1200mm diameter	ea	\$15,000.00	1	\$15,000.00	100%	\$15,000.00
MH 3A - 1200mm diameter	ea	\$15,000.00	1	\$15,000.00	100%	\$15,000.00
MH 4A - 1200mm diameter	ea	\$15,000.00	1	\$15,000.00	100%	\$15,000.00
MH 5A - 1200mm diameter	ea	\$15,000.00	1	\$15,000.00	100%	\$15,000.00
MH 6A - 1200mm diameter	ea	\$15,000.00	1	\$15,000.00	100%	\$15,000.00
<u>DEBOIS STREET (East)</u>						
MH 10A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 11A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 12A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 13A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 14A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 15A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 16A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 17A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 18A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
<u>SANDERSON DRIVE (South)</u>						
MH 20A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 21A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 22A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 23A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 24A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 25A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 26A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
<u>SANDERSON DRIVE (North)</u>						
MH 30A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 31A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 32A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 33A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 34A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
<u>SYLVESTER DRIVE</u>						
MH 41A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 42A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 43A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 44A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
MH 45A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
<u>PARK</u>						
MH 35A - 1200mm diameter	ea	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
Manhole Drop Structure (OPSD 1003.020)	ea	\$2,000.00	6	\$12,000.00	100%	\$12,000.00
Manhole Drop Structure (OPSD 1003.020) - St Joseph Road	ea	\$2,000.00	1	\$2,000.00	100%	\$2,000.00
100mm ø Sanitary Service lateral	ea	\$1,400.00	270	\$378,000.00	100%	\$378,000.00
Clean, Flush and Video Inspection of Sewer	m	\$8.00	2052	\$16,416.00	100%	\$16,416.00
Sanitary Testing - Deflection , Low Pressure Air Testing	LS	\$12,000.00	1	\$12,000.00	100%	\$12,000.00
Connection to Existing Pipe (Including Restoration)	ea	\$10,000.00	2	\$20,000.00	100%	\$20,000.00
Relocate Ex. Sanitary chamber Vent at St. Joseph Rd. and replace chamber cap and access lid.	ea	\$10,000.00	1	\$10,000.00	100%	\$10,000.00
<b>Subtotal: Sanitary</b>				<b>\$1,284,156.00</b>		<b>\$1,284,156.00</b>

**Lindsay Heights - Phase 1  
Subdivision Agreement Cost Estimate**

	Unit	Price (\$)	Quantity	Total Cost (\$)	Security %	Security Amount
<b>4 Watermain and Appurtenances</b>						
STREET I						
200 mm P.V.C. watermain	m	\$ 240.00	14	\$ 3,360.00	100%	\$3,360.00
SYLVESTER DRIVE						
200 mm P.V.C. watermain	m	\$ 240.00	524	\$ 125,760.00	100%	\$125,760.00
DEBOIS STREET						
200 mm P.V.C. watermain	m	\$ 240.00	533	\$ 127,920.00	100%	\$127,920.00
SANDERSON DRIVE						
200 mm P.V.C. watermain	m	\$ 240.00	691	\$ 165,840.00	100%	\$165,840.00
MCKAY AVENUE						
300 mm P.V.C. watermain	m	\$ 390.00	372	\$ 145,080.00	100%	\$145,080.00
300 mm P.V.C. watermain (external)	m	\$ 390.00	16	\$ 6,240.00	100%	\$6,240.00
ST JOESPH AVENUE						
400 mm P.V.C. watermain	m	\$ 450.00	29	\$ 13,050.00	100%	\$13,050.00
200 mm Valve Box	ea	\$2,500.00	24	\$60,000.00	100%	\$60,000.00
300 mm Valve Box	ea	\$5,000.00	8	\$40,000.00	100%	\$40,000.00
400 mm Valve Box	ea	\$7,500.00	2	\$15,000.00	100%	\$15,000.00
Hydrant Set, Valve and Tee	ea	\$8,000.00	16	\$128,000.00	100%	\$128,000.00
19 mm Water Service	ea	\$1,100.00	270	\$297,000.00	100%	\$297,000.00
Connection to Existing Pipe (Including Restoration)	LS	\$5,000.00	3	\$15,000.00	100%	\$15,000.00
Tracer Wire Continuity Test	LS	\$10,000.00	1	\$10,000.00	100%	\$10,000.00
Watermain Commissioning	LS	\$15,000.00	1	\$15,000.00	100%	\$15,000.00
<b>Subtotal: Watermain and Appurtenances</b>				<b>\$1,167,250.00</b>		<b>\$1,167,250.00</b>

**Lindsay Heights - Phase 1  
Subdivision Agreement Cost Estimate**

5	Road	Unit	Price (\$)	Quantity	Total Cost (\$)	Security %	Security Amount
	Permanent Street and Stop Signs	LS	\$8,000.00	1	\$8,000.00	100%	\$8,000.00
	Unassumed Road Signs	LS	\$1,200.00	1	\$1,200.00	100%	\$1,200.00
	Granular 'B' 300mm Depth	m <sup>2</sup>	\$15.00	10,200	\$153,000.00	100%	\$153,000.00
	Granular 'B' 450mm Depth	m <sup>2</sup>	\$22.50	8,280	\$186,300.00	100%	\$186,300.00
	Granular 'A' 150mm Depth	m <sup>2</sup>	\$8.50	18,480	\$157,080.00	100%	\$157,080.00
	HL8 Asphalt Binder Course 50mm Depth	m <sup>2</sup>	\$14.00	10,200	\$142,800.00	100%	\$142,800.00
	HL8 Asphalt Binder Course 90mm Depth	m <sup>2</sup>	\$25.00	8,280	\$207,000.00	100%	\$207,000.00
	HL4 Asphalt Surface Course 40mm Depth	m <sup>2</sup>	\$13.00	18,480	\$240,240.00	100%	\$240,240.00
	HL3 Asphalt & Granulars - Driveway	m <sup>2</sup>	\$26.00	5,440	\$141,440.00	100%	\$141,440.00
	Storm 150 mm Dia Subdrain Road (OPSD 216.021)	m	\$20.00	4,155	\$83,100.00	100%	\$83,100.00
	Base Curb (600.010)	m	\$60.00	4,155	\$249,300.00	100%	\$249,300.00
	Curb and Gutter second stage	m	\$60.00	4,285	\$257,100.00	100%	\$257,100.00
	3.0m wide Multiuse Asphalt Path	m	\$150.00	300	\$45,000.00	100%	\$45,000.00
	1.8m wide Concrete Sidewalk	m <sup>2</sup>	\$130.00	595	\$77,350.00	100%	\$77,350.00
	1.5m wide Concrete Sidewalk	m <sup>2</sup>	\$100.00	1640	\$164,000.00	100%	\$164,000.00
	Wood Privacy Fencing (5 Sylvester, Lots 177, 178)	m	\$400.00	80	\$32,000.00	100%	\$32,000.00
	Chain Link Fencing (1.2m)	m	\$130.00	1690	\$219,700.00	100%	\$219,700.00
	Chain Link Fencing (0.9m)	m	\$125.00	80	\$10,000.00	100%	\$10,000.00
	Topsoil, Seed & Mulch	m <sup>2</sup>		n/a		100%	
	Concrete Mail Box Pad (number of pads estimated)	ea	\$5,000.00	4	\$20,000.00	100%	\$20,000.00
	Line Painting	LS	\$7,500.00	1	\$7,500.00	100%	
	Dead End Barrier and Signage	ea	\$1,500.00	6	\$9,000.00	100%	\$9,000.00
	Electrical Light Standards (Including: cable, conduit, and light standards)	ea	\$10,000.00	61	\$610,000.00	100%	\$610,000.00
	Landscaping - Street Trees (based on 155 trees)	LS	\$ 50,000.00	1	\$50,000.00	100%	\$50,000.00
	Road Maintenance - On and Off Site Street Cleaning, inc. weekly through the summer	LS	\$ 25,000.00	1	\$25,000.00	100%	\$25,000.00
	Raise Manholes & Catchbasins (prior to top)	ea	\$ 500.00	147	\$73,500.00	100%	\$73,500.00
	<u>St Joseph Road</u>						
	Cul-de-Sac Removal	allow	\$ 3,500.00	1	\$ 3,500.00	100%	\$3,500.00
	Granular 'B' 450mm Depth	m <sup>2</sup>	\$22.50	920	\$20,700.00	100%	\$20,700.00
	St. Joseph - Granular 'A' 150mm Depth	m <sup>2</sup>	\$8.50	920	\$7,820.00	100%	\$7,820.00
	HL8 Asphalt Binder Course 90mm Depth	m <sup>2</sup>	\$25.00	920	\$23,000.00	100%	\$23,000.00
	Storm 150 mm Dia Subdrain Road (OPSD 216.021)	m	\$20.00	130	\$2,600.00	100%	\$2,600.00
	Base Curb (600.010)	m	\$60.00	130	\$7,800.00	100%	\$7,800.00
	<b>Subtotal: Road</b>				<b>\$3,235,030.00</b>		<b>\$3,227,530.00</b>
	<b>6</b>	<b>Legal Fees</b>					
	Miscellaneous Legal Fees (associated with review and registration)	LS	\$6,000.00	1	\$6,000.00	100%	\$6,000.00
	<b>Subtotal: Legal Fees</b>				<b>\$6,000.00</b>		<b>\$6,000.00</b>



**Lindsay Heights - Phase 1  
Subdivision Agreement Cost Estimate**

	Unit	Price (\$)	Quantity	Total Cost (\$)	Security %	Security Amount
<b>Subtotal (Items 1.0 - 6.0)</b>				<b>\$8,696,355.00</b>		<b>\$8,688,855.00</b>
<b>7</b>	<b>Engineering and Contingency</b>					
	10% Contingency					\$868,885.50
	7% Engineering					\$608,219.85
<b>*Subtotal</b>						<b>\$10,165,960.35</b>
	H.S.T - 13%					\$1,321,574.85
	City Rebate - 11.24%					\$1,142,653.94
<b>HST to be Paid</b>						<b>\$178,920.90</b>
<b>Total Construction Costs</b>						<b>\$10,344,881.25</b>
<b>Security</b>						<b>\$10,344,881.25</b>
Security inclusive of H.S.T.						
<b>8</b>	<b>Security Required</b>			<b>\$10,344,881.25</b>		
	<b>Less Security Posted at Pre-Servicing</b>			<b>-\$4,300,362.46</b>		
	<b>Balance of Security Required at Registration</b>			<b>\$6,044,518.79</b>		

I certify these engineering costs to be the current estimated costs for the works proposed within the approved engineering drawings.



\_\_\_\_\_  
Name of Engineer

Partner

\_\_\_\_\_  
Title

August 26, 2024

\_\_\_\_\_  
Date