



PO Box 640
 1116 1st St.
 Cosmopolis, WA 98537

September 7, 2010

Earthwork Services Job # 22223

RE: Job Name

Dear Sirs,

Enclosed please find grid elevation, cut/fill graphics and volumes for this project, which was calculated using the average end area method and the following assumptions:

1. A **stripping** depth of **2'** was applied to the **new building areas**.
2. A **stripping** depth of **1'** was applied to the **rest of site**.
3. A depth of **14"** from design elevations to subgrade in the **heavy paving**.
4. A depth of **9"** from design elevations to subgrade in the **parking**.
5. A depth of **8"** from design elevations to subgrade in the **McCall Rd**.
6. A depth of **8"** from design elevations to subgrade in the **landscaping**.
7. A depth of **0"** from design elevations to subgrade in the **pond areas**.
8. A depth of **12"** from finish floor elevations to subgrade in the **buildings**.

TOTAL RAW VOLUMES IN PLACE

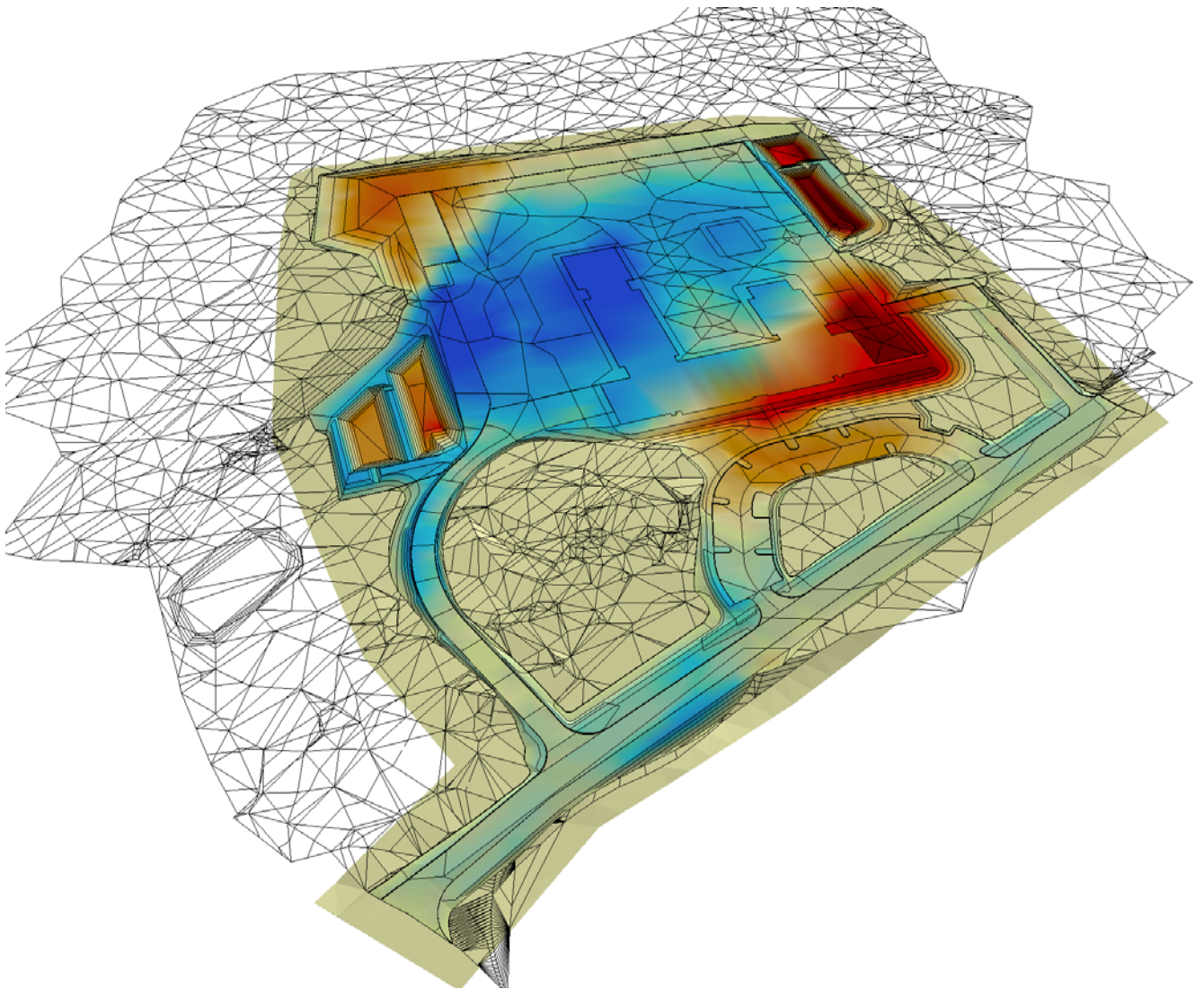
(Volumes are in Cubic Yards)

Activity	Area (<i>ft</i> ²)	Cut Volume	Fill Volume	Demolition Volume
Finish Site	663,744	18,951	46,109	27,186

Please call after you have reviewed this information if you have any questions.

* Raw volumes are calculated after existing terrain has been stripped, thus creating less cut and more fill of suitable material. Raw volumes have not been adjusted to reflect shrink or swell for compaction and expansion and are volumetric areas only.

Title

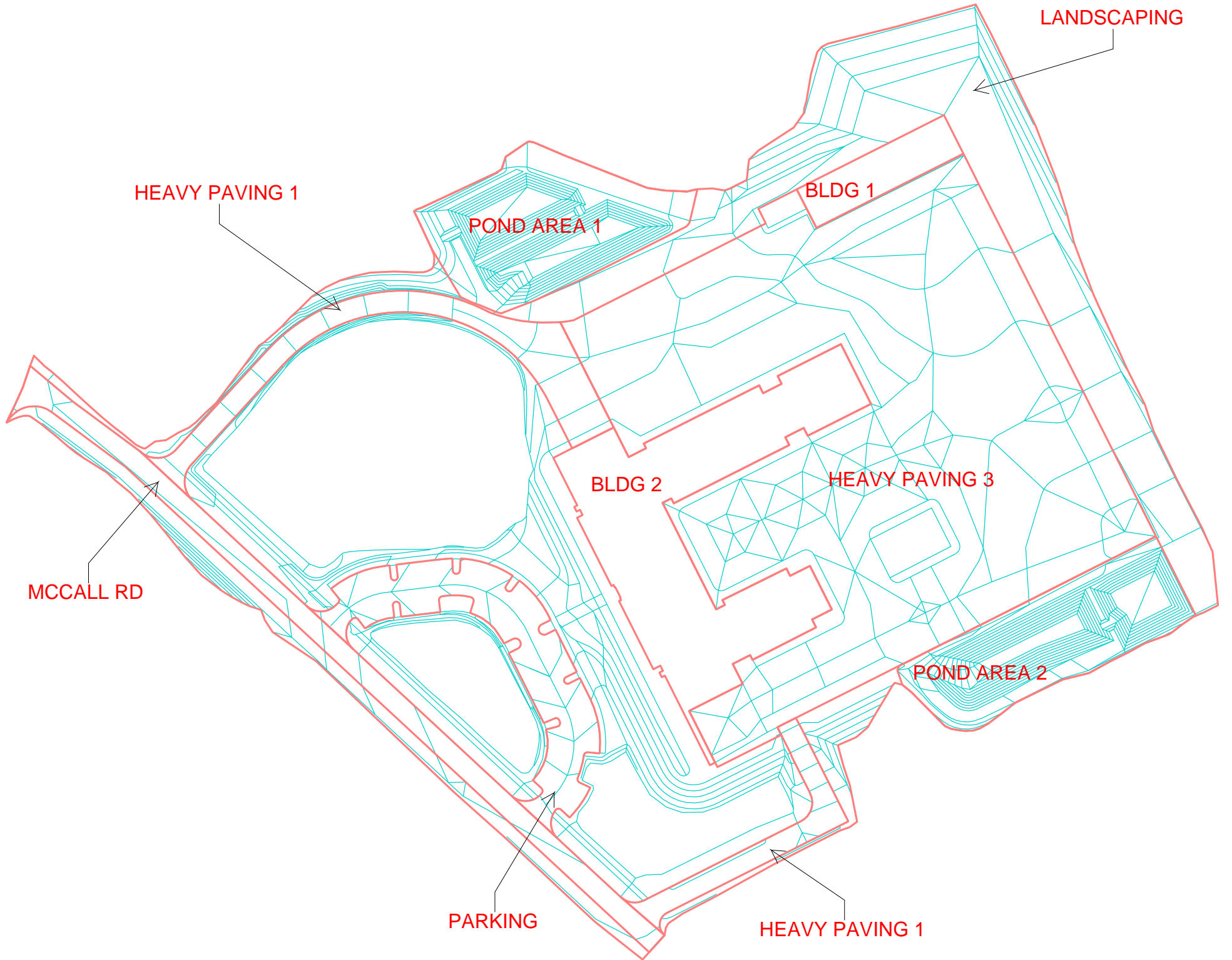


Volume Report
Subgrade vs. Stripped

	Area		OnGrade	Volume		Comp/Ratio		Compact		Export -Import	Change Per .1 Ft	
	Total	Cut		Fill	Cut	Fill	Cut	Fill	Cut			Fill
BLDG 1	9,670	7,623	1,649	398	373	110	1.00	1.00	373	110	263	36
BLDG 2	59,884	17,969	41,360	555	1,909	6,802	1.00	1.00	1,909	6,802	-4,893	222
BLDG Sub:	69,554	25,592	43,009	953	2,282	6,912			2,282	6,912	-4,630	258
HEAVY PAVING 1	21,364	1	21,211	152	0	1,672	1.00	1.00	0	1,672	-1,672	79
HEAVY PAVING 2	9,662	5,125	2,691	1,846	325	46	1.00	1.00	325	46	279	36
HEAVY PAVING 3	236,762	25,510	210,083	1,169	3,195	26,645	1.00	1.00	3,195	26,645	-23,450	877
HEAVY Sub:	267,788	30,636	233,985	3,167	3,520	28,363			3,520	28,363	-24,843	992
LANDSCAPING	203,962	94,386	102,876	6,700	8,129	6,414	1.00	1.00	8,129	6,414	1,715	755
MCCALL RD	24,770	0	24,765	5	0	1,038	1.00	1.00	0	1,038	-1,038	92
PARKING	26,675	17,376	8,600	699	1,148	336	1.00	1.00	1,148	336	812	99
POND AREA 1	36,868	11,853	24,525	490	941	2,335	1.00	1.00	941	2,335	-1,394	137
POND AREA 2	34,127	21,214	11,940	973	2,931	711	1.00	1.00	2,931	711	2,220	126
POND Sub:	70,995	33,067	36,465	1,463	3,872	3,046			3,872	3,046	826	263
Regions Total	663,744	201,057	449,700	12,987	18,951	46,109			18,951	46,109	-27,158	2,459

Stripping Qtys	Plane Area	Slope Area	Depth	Volume
STRIP NEW BLDG AREA 1	9,667	9,691	2.000	718
STRIP NEW BLDG AREA 2	59,865	59,950	2.000	4,441
STRIP Sub:	69,532	69,641		5,159
STRIPPING	594,233	594,717	1.000	22,027
Stripping Total	663,765	664,358		27,186

Sectional Qtys	Plane Area	Slope Area	Depth	Volume
BLDG 1	9,669	9,709	1.000	360
BLDG 2	59,884	59,995	1.000	2,222
BLDG Sub:	69,553	69,704		2,582
HEAVY PAVING 1	21,364	21,685	1.167	937
HEAVY PAVING 2	9,662	9,876	1.167	427
HEAVY PAVING 3	236,762	236,953	1.167	10,242
HEAVY Sub:	267,788	268,514		11,606
LANDSCAPING	203,962	206,349	0.670	5,121
MCCALL RD	24,770	24,944	0.670	619
PARKING	26,675	26,954	0.750	749
POND AREA 1	36,868	37,824	0.000	0
POND AREA 2	34,127	35,221	0.000	0
POND Sub:	70,995	73,045		0
Sectional Total	663,743	669,510		20,677



LANDSCAPING

HEAVY PAVING 1

BLDG 1

POND AREA 1

BLDG 2

HEAVY PAVING 3

MCCALL RD

POND AREA 2

PARKING

HEAVY PAVING 1

