



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

August 26, 2010

Earthwork Services Job # 222222

Contact Name
 Company Name
 Address Line 1
 City, ST ZIP

RE: Job Name

Dear Contact,

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 **12"** was applied to the **existing terrain**.
2. A depth of **14½"** from design elevations to subgrade in the **paving**.
3. A depth of **12"** from design elevations to subgrade in the **pond access road, gravel and walks**.
4. A depth of **18"** from design elevations to subgrade in the **wetland gravel**.
5. A depth of **0"** from design elevations to subgrade in the **landscaping, ditch, field, pond and wetland areas**.
6. A depth of **10"** from finish floor elevations to subgrade in the **building**.

TOTAL RAW VOLUMES IN PLACE

(Volumes are in Cubic Yards)

Activity	Area (<i>ft</i> ²)	Cut Volume	Fill Volume	Stripping/Demo Volume
Total Site	270,406	5,186	14,895	10,031

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.

**Volume Report
Stripped vs. Subgrade**

	Total	Cut	Area		Volume		Comp/Ratio		Compact		Export -Import	Change Per .1 Ft
			Fill	OnGrade	Cut	Fill	Cut	Fill	Cut	Fill		
BLDG	21,608	0	21,570	38	0	1,963	1.00	1.00	0	1,963	-1,963	80
DITCH	2,493	316	2,037	140	7	74	1.00	1.00	7	74	-67	9
FIELD AREA	57,127	0	57,127	0	0	5,714	1.00	1.00	0	5,714	-5,714	212
GRAVEL 1	4,073	565	2,799	709	10	78	1.00	1.00	10	78	-68	15
GRAVEL 2	1,856	2	1,835	19	0	132	1.00	1.00	0	132	-132	7
GRAVEL 3	2,604	0	2,604	0	0	358	1.00	1.00	0	358	-358	10
GRAVEL Sub:	8,533	567	7,238	728	10	568			10	568	-558	32
LANDSCAPING	30,985	3,704	26,664	617	196	2,651	1.00	1.00	196	2,651	-2,455	115
PAVING	76,840	46,373	26,936	3,531	3,299	1,179	1.00	1.00	3,299	1,179	2,120	285
POND ACCESS RD	1,240	1,103	104	33	133	2	1.00	1.00	133	2	131	5
POND AREA	23,328	11,148	11,937	243	1,378	1,251	1.00	1.00	1,378	1,251	127	86
POND Sub:	24,568	12,251	12,041	276	1,511	1,253			1,511	1,253	258	91
WALK 1	3,769	188	2,962	619	2	92	1.00	1.00	2	92	-90	14
WALK 2	448	0	448	0	0	40	1.00	1.00	0	40	-40	2
WALK 3	567	0	567	0	0	59	1.00	1.00	0	59	-59	2
WALK 4	911	0	911	0	0	66	1.00	1.00	0	66	-66	3
WALK 5	661	379	158	124	9	1	1.00	1.00	9	1	8	2
WALK 6	72	0	72	0	0	3	1.00	1.00	0	3	-3	0
WALK Sub:	6,428	567	5,118	743	11	261			11	261	-250	23
WETLAND AREA	36,101	104	34,967	1,030	2	1,231	1.00	1.00	2	1,231	-1,229	134
WETLAND GRAVEL	5,723	5,432	75	216	150	1	1.00	1.00	150	1	149	21
WETLAND Sub:	41,824	5,536	35,042	1,246	152	1,232			152	1,232	-1,080	155
Regions Total	270,406	69,314	193,773	7,319	5,186	14,895			5,186	14,895	-9,709	1,002

Stripping Qtys	Plane Area	Slope Area	Depth	Volume
STRIP WETLAND	41,824	41,905	1.000	1,552
STRIPPING	228,581	228,927	1.000	8,479
Stripping Total	270,405	270,832		10,031

Sectional Qtys	Plane Area	Slope Area	Depth	Volume
BLDG	21,608	21,627	0.830	665
DITCH	2,493	2,512	0.000	0
FIELD AREA	57,127	57,172	0.000	0
GRAVEL 1	4,073	4,074	1.000	151
GRAVEL 2	1,856	1,857	1.000	69
GRAVEL 3	2,604	2,607	1.000	97
GRAVEL Sub:	8,533	8,538		317
LANDSCAPING	30,985	31,017	0.000	0
PAVING	76,840	77,050	1.208	3,447
POND ACCESS RD	1,240	1,240	1.000	46
POND AREA	23,328	23,339	0.000	0
POND Sub:	24,568	24,579		46

Sectional Qtys	Plane Area	Slope Area	Depth	Volume
WALK 1	3,769	3,771	1.000	140
WALK 2	448	449	1.000	17
WALK 3	567	568	1.000	21
WALK 4	910	911	1.000	34
WALK 5	661	661	1.000	24
WALK 6	72	72	1.000	3
WALK Sub:	6,427	6,432		239
WETLAND AREA	36,101	36,181	0.000	0
WETLAND GRAVEL	5,723	5,724	1.500	318
WETLAND Sub:	41,824	41,905		318
Sectional Total	270,405	270,832		5,032



