Building Data Summary							
Project ID:	******						
Location:	******						
Scope of Work:	Sitework - Gradding						
Date:	*******						

						Oversity w/		uit Bastoviol	T.	tal Bilatavial				Hait	Labou	-	tal Labou			
Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Ur	nit Material Cost	10	Cost	Unit Manhour	Hou	ly Wage		Labor ost	10	otal Labor Cost		Sub Cost	Total Trade Cost
	<u> </u>						!													
	DIVISION.01 GENERAL REQUIREMENTS																			
1		Supervision and Coordination	LS	1	0%	1	\$	-	\$	-	0.000	\$	-	\$	-	\$	-	\$	6,000.00	
2		Submittals and Shop drawings	LS	1	0%	1	\$	-	\$	1-1	0.000	\$	-	\$	-	\$	-	\$	3,500.00	
3		Final Cleaning	LS	1	0%	1	\$	-	\$	-	0.000	\$	-	\$	-	\$	-	\$	3,000.00	
4		Mobilization Costs	LS	1	0%	1	\$	-	\$	-	0.000	\$	-	\$	-	\$	-	\$	6,000.00	
5		Temporary Control & Facilities	LS	1	0%	1	\$	-	\$	-	0.000	\$	-	\$	-	\$	-	\$	2,500.00	
		Subtotal (General Requirements)																		\$ 21,000
		DIVISION 02- SITE WORK/ EXISTING CONDITIONS																		
		Grading																		
6	_	Cut	CY	2081	0%	2081	\$	5.90	\$	12,277.90	0.098	\$	40.00	\$	3.92	_	8,157.52	_	20,435.42	
7		Fill	CY	597	0%	597	\$	8.10	\$	4,835.70	0.152	\$	40.00	\$	6.08	\$	3,629.76	\$	8,465.46	
	_	Sitework																		
		Concrete																		
8		Concrete Driveway Per SPPWC STD Type B	SF	70	5%	74	\$	6.20	\$	455.70	0.020	\$	40.00	\$	0.80	\$	58.80	\$	514.50	
		4" Thick Concrete Slab - 488 SF				<		Por		CA						1				
9		With #4 @ 16" O.C.E.W	CY	6	5%	6	\$	264.00	\$	1,663.20	2.200	\$	40.00	\$	88.00	\$	554.40	\$	2,217.60	
		Over 4" Sand					K)	//5///		vice						1				
		5" Thick Concrete Slab - 18165 SF			JK /			16		501						1				
10		With #4 Bars @ 18" Each Way	CY	276	5%	290	6	264.00	13	76,507.20	2.200	Ś	40.00	\$	88.00	خ ا	25 502 40	\$	102,009.60	
10		12" Sub Base	CY	2/6	5%	290	ځ.	264.00	130	76,507.20	2.200	۶	40.00	Ş	88.00	, ڊ ا	25,502.40	Þ	102,009.60	
		90 % Compacted Soil		· `		No.		450		7						ı				
	1	Concrete V Drain						(, 0)		7										
11	1	4" Thick Concrete V Drain (1'-0" Wide, 3" Deep, 502 LF)	CY	1.54	5%	2	\$	264.00	\$	426.89	2.200	\$	40.00	\$	88.00	\$	142.30	\$	569.18	
12	1	Retention Area	SF	402	5%	422	<u>چ</u>	5.90	\$	2,490.39	0.098	\$	40.00	\$	3.92	\$	1,654.63	\$	4,145.02	
	1	Rip Rap				10.	OLA													
4.2]	6" To 12" Facing Class Rock Rip Rap Embedded	SF	224	F0/	348 arth	1	8.20	,	2.040.04	0.020	,	40.00	ċ	0.00		270.04	,	2 427 05	
13		Into 12" Thick Concrete	SF.	331	5%	348	\$	8.20	\$	2,849.91	0.020	\$	40.00	\$	0.80	\$	278.04	\$	3,127.95	
	1	Curb & Gutter				"K"														
14	1	6" Thick Concrete Curb & Gutter	LF	1456	5%	1529	\$	14.40	\$	22,014.72	0.125	\$	40.00	\$	5.00	\$	7,644.00	\$	29,658.72	
	1	Fence				517														
15	1	(6'-0" H) Wrought Iron Fence	LF	357	5%	375	\$	3.15	\$	1,180.78	0.010	\$	40.00	\$	0.40	\$	149.94	\$	1,330.72	
	1	Gate																		
16	1	(6'-0" H) Motorized Wrought Iron Double Swing Gate	EA	2	0%	2	\$	720.10	\$	1,440.20	0.120	\$	40.00	\$	4.80	\$	9.60	\$	1,449.80	
	1	CMU Retaining Wall																		
17] ,,	(6'-0" H) 8" CMU Retaining Wall (540 LF)	SF	3240	5%	3402	\$	14.40	\$	48,988.80	0.125	\$	40.00	\$	5.00	\$	17,010.00	\$	65,998.80	
18	3,4	(10'-0" H) 8" CMU Retaining Wall (70 LF)	SF	700	5%	735	\$	14.40	\$	10,584.00	0.125	\$	40.00	\$	5.00	\$	3,675.00	\$	14,259.00	
19	1	(3'-0" H) 8" CMU Retaining Wall (350 LF)	SF	1050	5%	1103	\$	14.40	\$	15,876.00	0.125	\$	40.00	\$	5.00	\$	5,512.50	\$	21,388.50	
	1	Continuous Footing																		
20	1	Concrete Continuous Footing (2'-0"x1'-0")	CY	71	5%	75	\$	264.00	\$	19,681.20	2.200	\$	40.00	\$	88.00	\$	6,560.40	\$	26,241.60	
		Utility																		
21	1	Meter	EA	1	0%	1	\$	740.00	\$	740.00	1.100	\$	40.00	\$	44.00	\$	44.00	\$	784.00	
	1	Septic Tank																		
	1	(1200-1500 Gallon) Septic Tank																		
22		With Bio-Microbic Micro-Fast 0.625	EA	1	0%	1	\$	2,960.15	\$	2,960.15	4.500	\$	40.00	\$	180.00	\$	180.00	\$	3,140.15	
		Internal Treatment System														ı				
	1	(2750-3000 Gallon) Septic Tank				_		2 222 5 -				_		_			400.0-			
23		With Bio-Micro- Fast 1.50 Internal Treatment System	EA	1	0%	1	Ş	3,980.25	\$	3,980.25	4.500	\$	40.00	\$	180.00	, Ş	180.00	\$	4,160.25	
	1	Seepage Pit																		
24	1	Seepage Pit (5' Dia, 25' Deep, 5' Cover, 20' Effective Depth)	EA	8	0%	8	Ś	740.00	Ś	5,920.00	2.200	\$	40.00	\$	88.00	\$	704.00	\$	6,624.00	
	_			-					, T	.,		, T				-			-,	

Building Data Summary							
Project ID:	*****						
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Item#	Ref. Sheet #	# Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Un	nit Material Cost	Tota	tal Material Cost	Unit Manhour	Hou	rly Wage		nit Labor Cost	Te	Total Labor Cost	Sub Cost	Total Trade Cost
25		18"x18" Catch Basin	EA	4	0%	4	\$	280.48	\$	1,121.92	0.352	\$	40.00	\$	14.08	\$	56.32	\$ 1,178.24]
26	」 '	4" Dia NDS Type Area Drain Inlet	EA	9	0%	9	\$	12.10	\$	108.90	0.098	\$	40.00	\$	3.92	\$	35.28	\$ 144.18	_jj
4L	」 ′	Pipe									Ĺ'			1	ı I				_ J
27	」 ′	1" Domestic Service Line	LF	40	5%	42	\$	5.63	\$	236.46	0.071	\$	40.00	\$	2.84	\$	119.28	\$ 355.74	
28	」 '	6" Dia Restrictor Pipe	LF	75	5%	79	\$	10.50	\$	826.88	0.085	\$	40.00	\$	3.40	\$	267.75	\$ 1,094.63	
29	1	8" Dia PVC Pipe	LF	32	5%	34	\$	15.10	\$	507.36	0.095	\$	40.00	\$	3.80	\$	127.68	\$ 635.04	1
30	」 '	(6" Dia) SDR 35 PVC Drain Pipe	LF	572	5%	601	\$	10.50	\$	6,306.30	0.085	\$	40.00	\$	3.40	\$	2,042.04	\$ 8,348.34	
31	」 '	48" Dia HDPE Detention Pipe	LF	25	5%	26	\$	8.55	\$	224.44	0.077	\$	40.00	\$	3.08	\$	80.85	\$ 305.29	
32	1	3" Dia Restrictor Pipe	LF	15	5%	16	\$	7.33	\$	115.45	0.077	\$	40.00	\$	3.08	\$	48.51	\$ 163.96	1
4		Trenching	1					'		'	Ĺ <u>'</u>				The state of the s				
33	1	Cut	CY	224	0%	224	\$		\$	-	0.986	\$	40.00	\$	39.43	\$	8,832.77	\$ 8,832.77	1
34	」 '	Fill	CY	168	0%	168	\$		\$	-	1.250	\$	40.00	\$	50.00	\$	8,400.00	\$ 8,400.00	1
4	⊥′	Subtotal (Site Work/ Existing Conditions)							\$	244,321						\$	101,658		\$ 345,978

PROJECTED COST \$

3%

5%

15%

0.00% SUGGESTED BID \$

INSURANCE

TAX

CONTINGENCY

OVERHEAD AND PROFIT

366,978

11,009

18,349

55,047

451,383

N	ote	:	

- 1.Please verify the equipment's and their prices with owner.
 2.Online sources are used for pricing.
 3.Prices can vary depending upon field conditions.

GEOTECHNICAL NOTES

PREPARATIONS AND FOUNDATION DESIGN ARE PROVIDED FOR CONSIDERATION BY THE DESIGN AND CONSTRUCTION SAND FOUNDATION DESIGN ARE PROVIDED FOR CONSIDERATION BY THE DESIGN AND CONSTRUCTION PROPERSIONALS. APPLICABLE ELEMENTS OF THESE RECOMMENDATIONS SHALL BE INCORPORATED INTO THE GRADNING PLANS AND BUILDING PLANS.

SITE PREPARATIONS

IT IS RECOMMENDED THAT THE BUILDING PADS AND ALL AREAS TO RECEIVE COMPACTED FILL OR SLABSON-GRADE BE PREPARED BY REMOVING ANY LOOSE OR UNSUITABLE SOILS, EXTENDING DOWN INTO DENSE
SAUGUS FORMATION, AND REPLACING THE REMOVED SOIL MATERIALS AS 90% COMPACTED ENGINEERED FILL
THE THICKNESS OF LOOSE OR UNSUITABLE SOILS VARIES ACROSS THE SITE, WITH A MAXIMUM ANTICIPATED
THICKNESS OF APPROXIMATELY 2 FEET.

PERFORMED BY THE SOILS ENGINEER TO VERIFY 90% RELATIVE COMPACTION.

FACTOR OF 20% IS ESTIMATED. ADDITIONAL LOSSES DUE TO GROUND SUBSIDENCE FROM SITE PREPARATIONS MAY ALSO OCCUR. LOSSES DUE TO SHRINKAGE AND SUBSIDENCE SHALL BE CONSIDERED IN PLANNING FOR EARTH WORK. ANY EARTH MATERIALS THAT ARE TO BE BIMPORTED TO THE SITE FOR USE AS ENGINEERED FILL SHALL BE OBSERVED AND APPROVED BY THE SOILS ENGINEER, PRIOR TO TRANSPORT

EXCAVATIONS AND CUT SLOPES
TEMPORARY EXCAVATIONS SHALL NOT EXCEED A VERTICAL HEIGHT OF 4 FEET. EXCAVATIONS THAT WILL
EXCEED A HEIGHT OF 4 FEET SHALL BE SLOPED AT 1: I RATIO FOR THAT PORTION OF CUT EXCEEDING A HEIGHT OF
4 FEET. PERMANENT CUT SLOPES SHALL NOT EXCEED 21:10 SLOPE RATIO. ALL CUT SLOPES AND EXCAVATIONS
SHALL BE OBSERVED AND APPROVED BY THE ENCINEERING CEOLOGIST.

PERFORATED SUBDRAINS SHALL BE PROVIDED WITH A SOLID 4-INCH DIAMETER PVC PIPE SLOPING AT 2% TO

AREAS TO RECEIVE 9 9% RELATIVE COMPACTION. PRELIMINARY STRINGTURE 1 FERNEY SUBBASE CONFITTE THE AND AREAS MAY UTILEZ AS TRUCTURAL SECTION CONSTRUCTION. OF 3 INCHES OF ACCOVER 4 INCHES OF AGGREGATE BASE AS MAY UTILEZ AS TRUCTURAL SECTION CONSISTENCY OF 3 INCHES OF ACCOVER 4 INCHES OF AGGREGATE BASE ASSE MAY OTHER AS STRUCTURAL SECTION CONSISTENCY OF 3 INCHES OF ACCOVER 4 INCHES OF AGGREGATE BASE ASSE MAY OTHER AS STRUCTURAL SECTION CONSISTENCY OF SECTION OF 3 INCHES OF ACCOUNT.

SITE DRAINAGE.
STIEGE GRADING SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM THE FOOTINGS AND TO PREVENT EROSION OF
THE PROPOSED GRADED SLOPES, ALL PAD AND ROOF DRAINAGE SHALL BE TRANSFERRED AWAY FROM THE
BUILDING AREA VIA NON-EROSIVE DEVICES TO AN APPROVED DRAINAGE DISPOSAL STIED GRAINAGE SHALL DI
BE ALLOWED TO POOD ON THE BUILDING PAD OR ADJACENT TO ANY FOUNDATION OR ADJACENT TO ANY
DEVERDINGS OF ORE.

FOUNDATIONS

CONVENTIONAL SPREAD FOOTINGS, CONTINUOUS FOOTINGS, OR INDEPENDENT FOOTINGS MAY BE USED TO SUPPORT PROPOSED STRUCTURES. ALL FOOTINGS SHALL BE A MINIMUM OF 12 INCHES IN WIDTH AND EMBEDDED AND ADMINISTRATION OF 12 INCHES IN WIDTH AND EMBEDDED AND ADMINISTRATION OF 12 INCHES IN WIDTH AND EMBEDDED. A MINIMUM OF 12 INCHES INTO SAUGUS FORMATION OR INTO ENGINEERED COMPACTED FILL (NOT PARTIALLY INTO EACH). FOUNDATION DESIGN CRITERIA DETERMINED FROM THIS INVESTIGATION ARE AS FOLLOWS

OOTINGS
ALLOWABLE BEARING CAPACITY 2,000 PSF

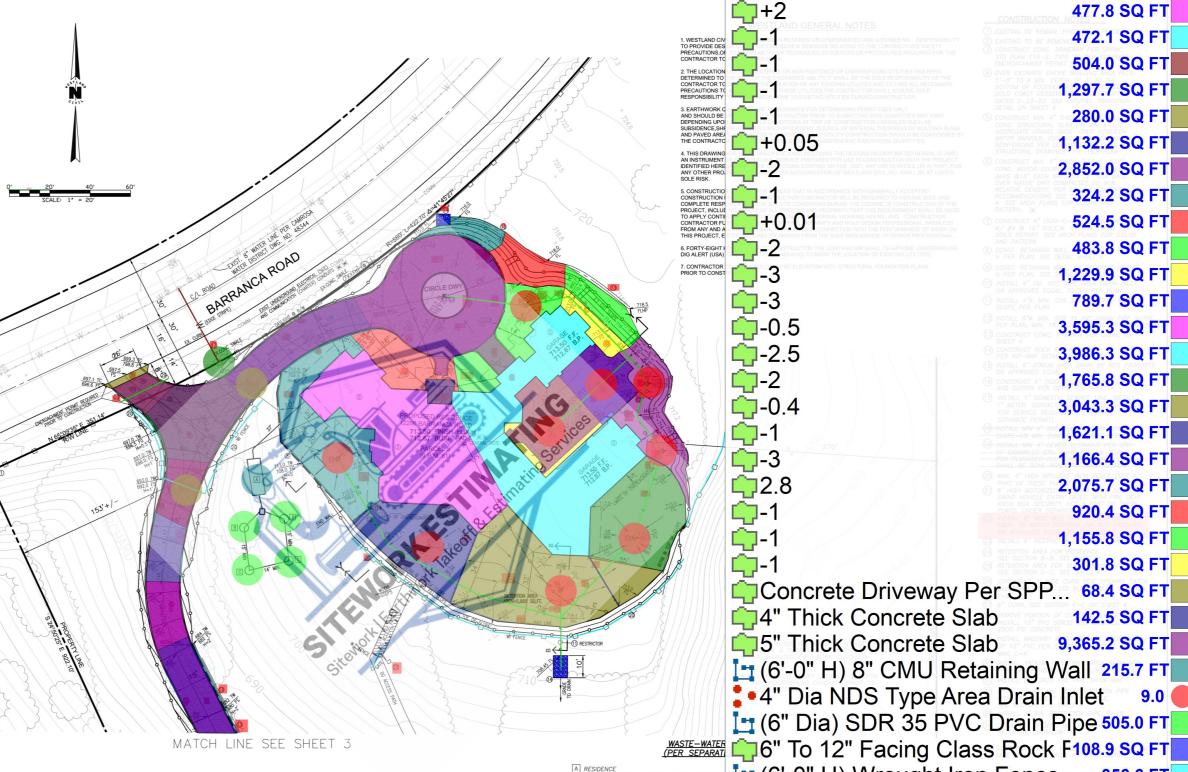
LATERAL RESISTANCE 300 PSF/FT MAXIMUM LATERAL RESISTANCE 2,000 PCF

ABS-UNURADA
THICKNESS
MINIMUM REINFORCEMENT
A BARS 18 NN. SEACH WAY,
DOWEL FOOTINGS TO SLAB BEDDING. 4 INS. COARSE SAND OR

TO SUCH CRITISHED AGGREGATE NOTE: PLACE N

4 INS. OF 1/2 INCH CRUSHED AGGREGATE NOTE: PLACE MOISTURE VAPOR BARRIER (10-MIL VISQUEEN OF STEGO WRAP OR EQUIVALENT) AT THE BASE OF THE SLAB OR WITHIN THE

SEE SHEET 3 FOR CONTINUATION







NGINEERING SERVICES
ENTURA COUNTY PUBLIC WORKS AGENCY

VENTURA COUNTY

B RESIDENCE TWO PRIMARY SEEPAGE PITS 5' DIA. 25' DEER 5' COVER, 20' EFFECTIVE DEPTH

C RESIDENCE TWO FUTURE SEEPAGE PITS 5' DIA. 25' DEEP 5' COVER, 20' EFFECTIVE DEPTH

--2

4" Thick Concrete Slab 142.5 SQ FT 5" Thick Concrete Slab 9,365.2 SQ FT [1] (6'-0" H) 8" CMU Retaining Wall 215.7 FT • 4" Dia NDS Type Area Drain Inlet [1] (6" Dia) SDR 35 PVC Drain Pipe 505.0 FT WASTE-WATER 6" To 12" Facing Class Rock F108.9 SQ FT RESIDENCE PROPOSED 2750 - 3000 GALLON SEPTIC TAN WITH BIO-MICROBICS MICRO-FAST 1.50 INTERNAL TREATMENT SYSTEM

(6'-0" H) Wrought Iron Fence 356.6 FT 1" 1" Domestic Service Line 39.0 FT • Meter 1.0 • (6'-0" H) Motorized Wrought Iron ... 2.0 🔄 6" Dia Restrictor Pipe 74.7 FT • (2750-300 Gallon) Septic Tank Seepage Pit (5' Dia, 25' Deep, 5' C...4.0 MR. RONALD PLANDER 12286 BARRANCA DR. CAMARILLO, CA.

PUBLIC WORKS AGENCY LAND DEVELOPMENT SERVICES

70706

778.5 SQ FT

477.8 SQ FT

472.1 SQ FT

1,297.7 SQ FT

504.0 SQ FT

280.0 SQ FT

1,132.2 SQ FT 2,852.0 SQ FT

324.2 SQ FT

524.5 SQ FT 483.8 SQ FT

1,229.9 SQ FT

789.7 SQ FT

3,595.3 SQ FT

3,986.3 SQ FT

1,765.8 SQ FT

3,043.3 SQ FT

1,621.1 SQ FT

1,166.4 SQ FT

2,075.7 SQ FT

920.4 SQ FT

301.8 SQ FT

1,155.8 SQ FT

