



**LINE DATA**

LINE	BEARING	DISTANCE
L1	N 70°57'44" W	13.16'
L2	N 00°12'24" W	17.18'
L3	N 72°42'58" W	25.45'
L4	N 01°57'40" E	15.75'
L5	N 88°02'20" W	20.00'
L6	N 43°33'27" E	75.92'
L7	N 46°26'33" W	10.00'
L8	N 43°33'27" E	76.34'
L9	N 72°50'50" E	13.32'
L10	N 89°38'26" W	26.00'
L11	N 00°21'34" E	14.33'
L12	N 00°20'10" E	27.45'
L13	N 73°58'26" W	6.26'

**CURVE DATA**

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	52°13'25"	115.00'	104.82'	56.37'
C2	41°42'37"	85.00'	61.89'	32.38'
C3	19°04'54"	54.60'	18.18'	9.18'
C4	51°39'28"	98.00'	88.36'	47.44'
C5	22°05'59"	102.00'	39.34'	19.92'
C6	75°45'54"	20.00'	34.45'	15.56'
C7	22°25'22"	39.68'	15.53'	7.87'
C8	105°48'23"	21.00'	38.78'	27.77'
C9	09°57'11"	561.00'	97.45'	48.85'
C10	09°30'39"	192.00'	31.87'	15.97'
C11	25°42'58"	208.00'	93.36'	47.48'

**YARDAGE CALCULATIONS:**  
 CUT = 14,500 C.Y. FILL = 14,500 C.Y.  
 PROJECT TO BE BALANCED ON SITE

QUANTITIES SHOWN HEREON ARE FOR PERMIT FEE ESTABLISHMENT PURPOSES ONLY AND SHALL NOT BE USED FOR BIDDING OR CONTRACT PURPOSES. CONTRACTOR IS REQUIRED TO VERIFY ALL QUANTITIES PRIOR TO COMMENCEMENT OF WORK.  
 QUANTITIES SHOWN DO NOT INCLUDE ANY REMOVAL, GRADING, OVER-EXCAVATION OR REMOVAL VALUES IF NECESSARY. FOUNDATION, UTILITY AND RETAINING WALL SPOILS ARE NOT INCLUDED IN THE ABOVE ESTIMATE.

**Elevations Table**

Number	Minimum Elevation	Maximum Elevation	Area	Color
1	-19.00	-10.00	4934.15	Red
2	-10.00	-5.00	20716.83	Orange
3	-5.00	0.00	65132.51	Yellow
4	0.00	5.00	43596.39	Light Green
5	5.00	10.00	15836.94	Green
6	10.00	23.00	15412.63	Blue

DATE BY: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 WORK ACCEPTED \_\_\_\_\_

**Southland**  
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REGISTERED PROFESSIONAL ENGINEER  
 LARRY L. MAR...  
 No. 55089  
 Exp. 6-30-16  
 CIVIL ENGINEER  
 STATE OF CALIFORNIA

**SOUTHLAND CIVIL ENGINEERING AND SURVEYING, LLP**  
 ENGINEER: LARRY MAR, P.E.  
 DESIGNED BY: BRL  
 DRAWN BY: BRL  
 CHECKED BY: STEVE LEWIS, P.E.  
 DRAWING SCALE: AS NOTED

**CUT/FILL EXHIBIT**  
 6300 BLOCK OF DAY STREET  
 SUNLAND, CA  
 OWNER: VILLA NOVA DEVELOPING, INC  
 8209A FOOTHILL BLVD., #700, SUNLAND, CA 91040  
 SHEET NUMBER: 490-13010  
 DRAWING NO. 1  
 SHEET 1 OF 1 SHEETS

REVISION DATES (DESIGN STAGE ONLY)  
 REVISION DATES (CONSTRUCTION STAGE ONLY)  
 Drawing Name: V:\TME\Earthworks.dwg  
 Drawing Location: J:\604\300\PLANNING\GEOTECHNICALS  
 AutoCAD Version: AutoCAD 2012