

SONORA-UNIT 2
BEXAR COUNTY, TEXAS



ALL ELECTRIC					
PG NO.1					
Average Living Space		966	SONORA-UNIT 2		
# OF HOMES	TRANSFORMER KVA NAMEPLATE	TOTAL KVA		MAX DISTANCE	
				3/0	4/0
1	25	12		330	350
2	25	21		180	335
3	25	30	DO NOT USE	120	230
4	50	39		95	180
5	50	48		0	145
6	50	57	DO NOT USE	0	120
7	75	66		0	0
8	75	74		0	0
9	75	82		0	0
10	75	90	DO NOT USE	0	0
11	100	98		0	0
12	100	106		0	0

LOOP 1 (116 LOTS)
13 - 50KVA = 150
18 - 75KVA = 1350KVA

TOTAL = 1500KVA
AVAILABLE = 100KVA

SONORA-UNIT 2 - PRELIM DESIGN (BCA:252814)
ALL ELECTRIC / 966 SQFT/ 147 LOTS/ HV SYSTEM
SCALE: 1":100'
ESTIMATED POLES: 3
ESTIMATED TRENCH AMOUNT = 7580 ± LF

