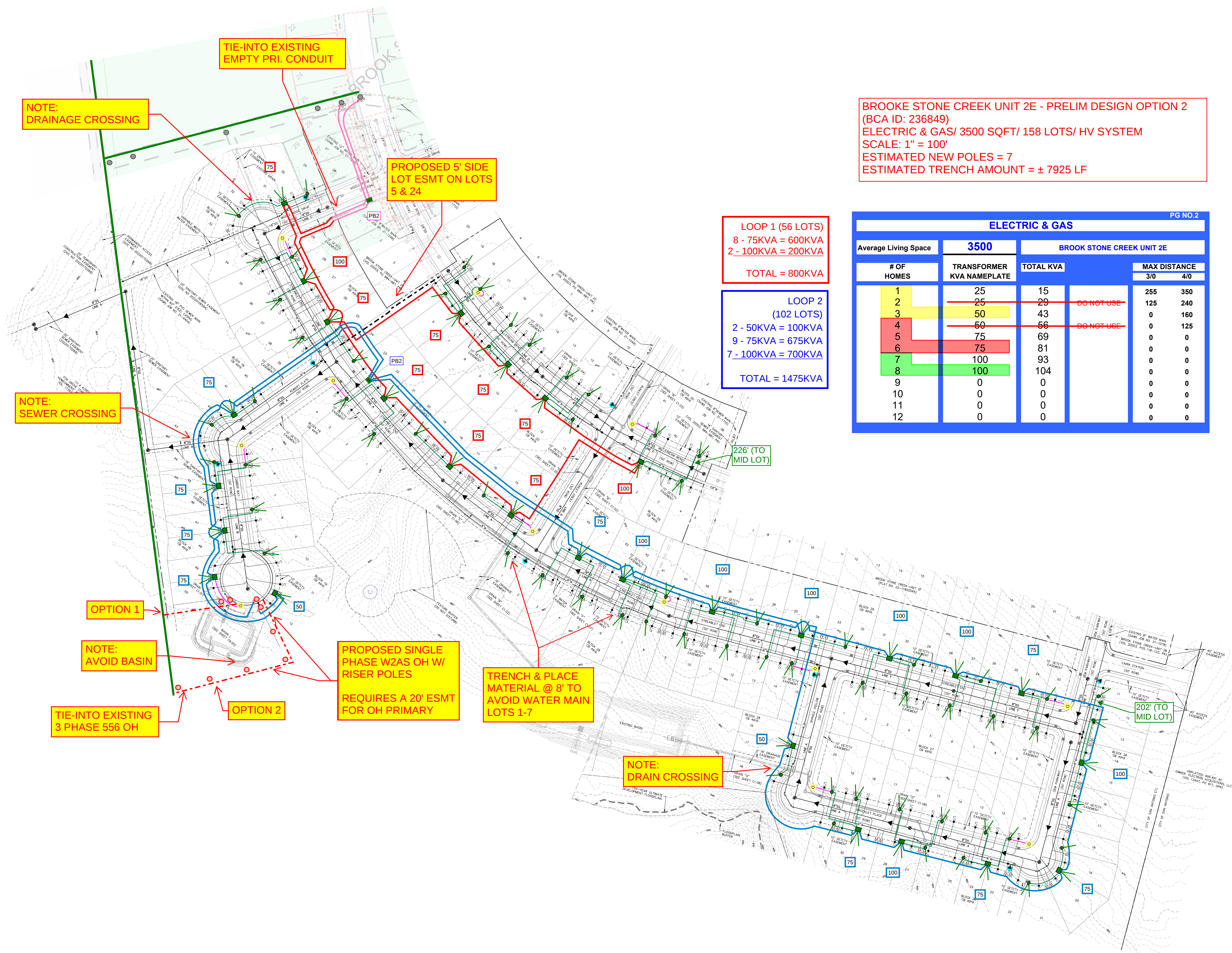




BROOKE STONE CREEK UNIT 2E - PRELIM DESIGN OPTION 2
(BCA ID: 236849)
ELECTRIC & GAS/ 3500 SQFT/ 158 LOTS/ HV SYSTEM
SCALE: 1" = 100'
ESTIMATED NEW POLES = 7
ESTIMATED TRENCH AMOUNT = ± 7925 LF

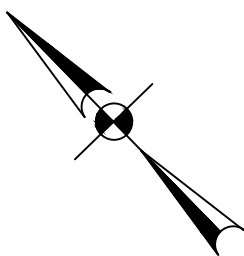
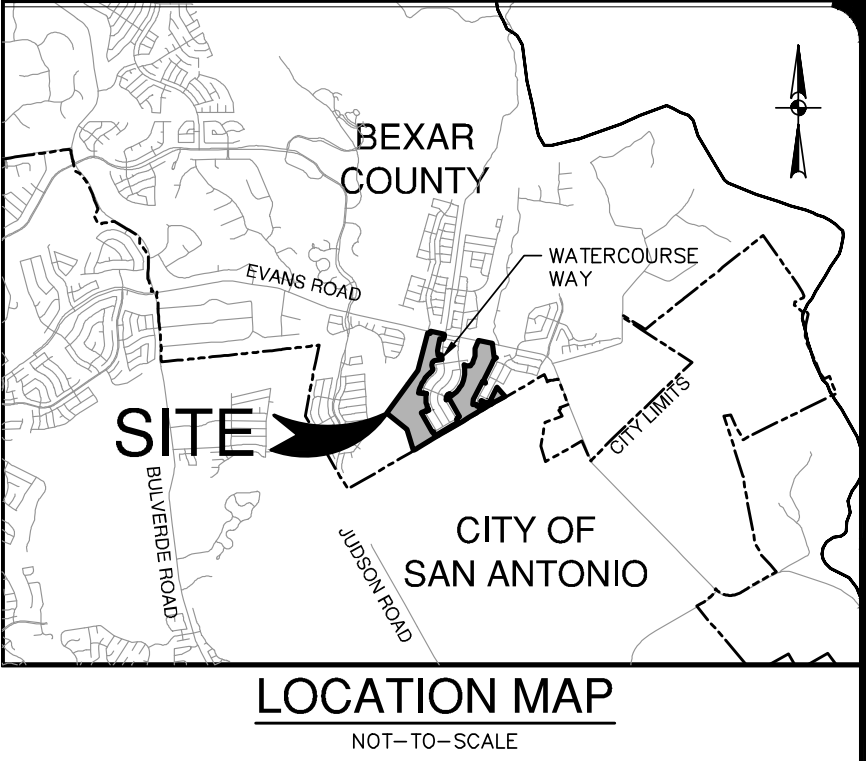
LOOP 1 (56 LOTS)
8 - 75KVA = 600KVA
2 - 100KVA = 200KVA

TOTAL = 800KVA

LOOP 2
(102 LOTS)
2 - 50KVA = 100KVA
9 - 75KVA = 675KVA
7 - 100KVA = 700KVA

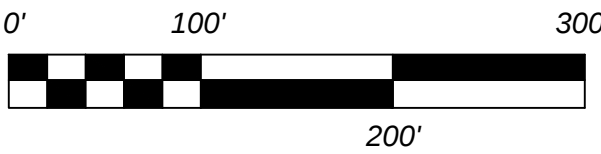
TOTAL = 1475KVA

ELECTRIC & GAS				
PG NO.2				
Average Living Space	3500	BROOK STONE CREEK UNIT 2E		
# OF HOMES	TRANSFORMER KVA NAMEPLATE	TOTAL KVA	MAX DISTANCE	
			3/0	4/0
1	25	15	255	350
2	25	20	125	240
3	50	43	0	160
4	50	56	0	125
5	75	69	0	0
6	75	81	0	0
7	100	93	0	0
8	100	104	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0



BROOKE STONE CREEK UNIT 2E

SKETCH 36" x 24", SCALE: 1" = 100'



UTILITY LEGEND

PROJECT LIMITS	---
EXISTING WATER	---
EXISTING SEWER	---
PROPOSED SEWER	---
PROPOSED WATER	---
PROPOSED WYE & LATERAL	---
SINGLE WATER SERVICE	---
EXISTING STREET LIGHTS	---
PROPOSED STREET LIGHTS	---