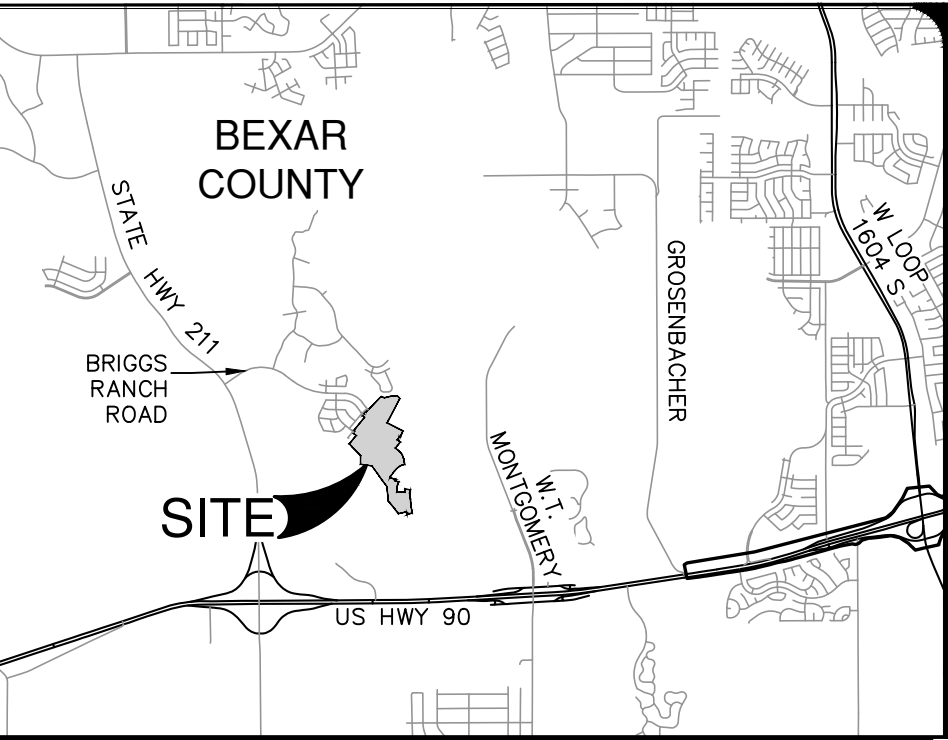
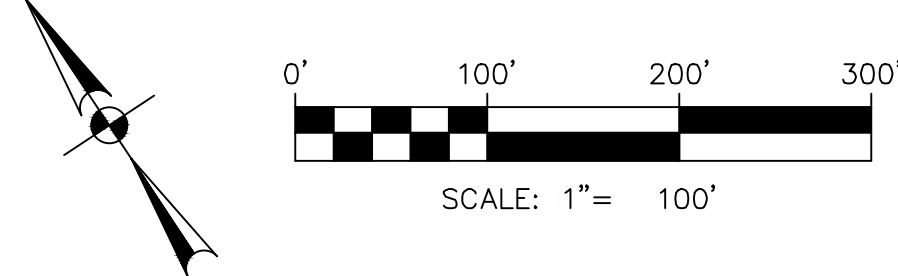
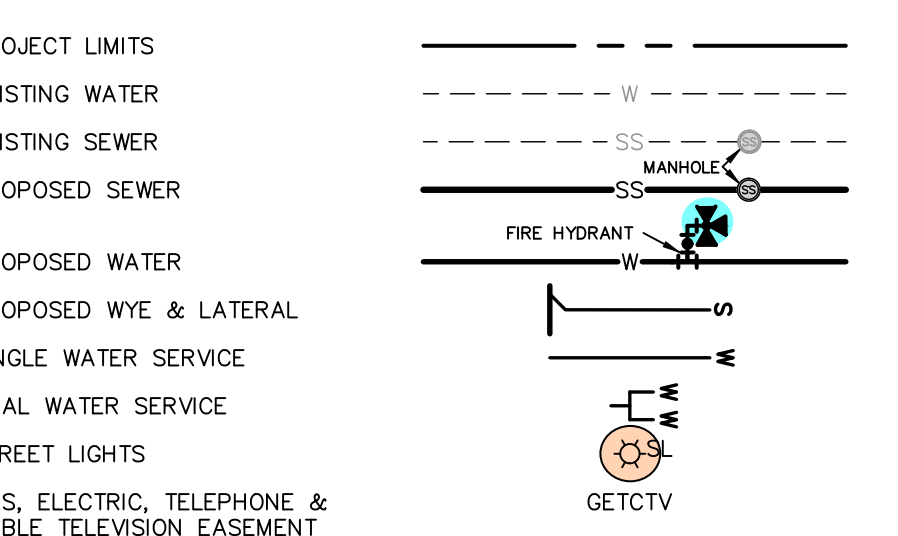




LOCATION MAP
NOT-TO-SCALE



UTILITY LEGEND



ALL SECONDARY CABLES TO BE 350 UNLESS LABELED AS 3/0

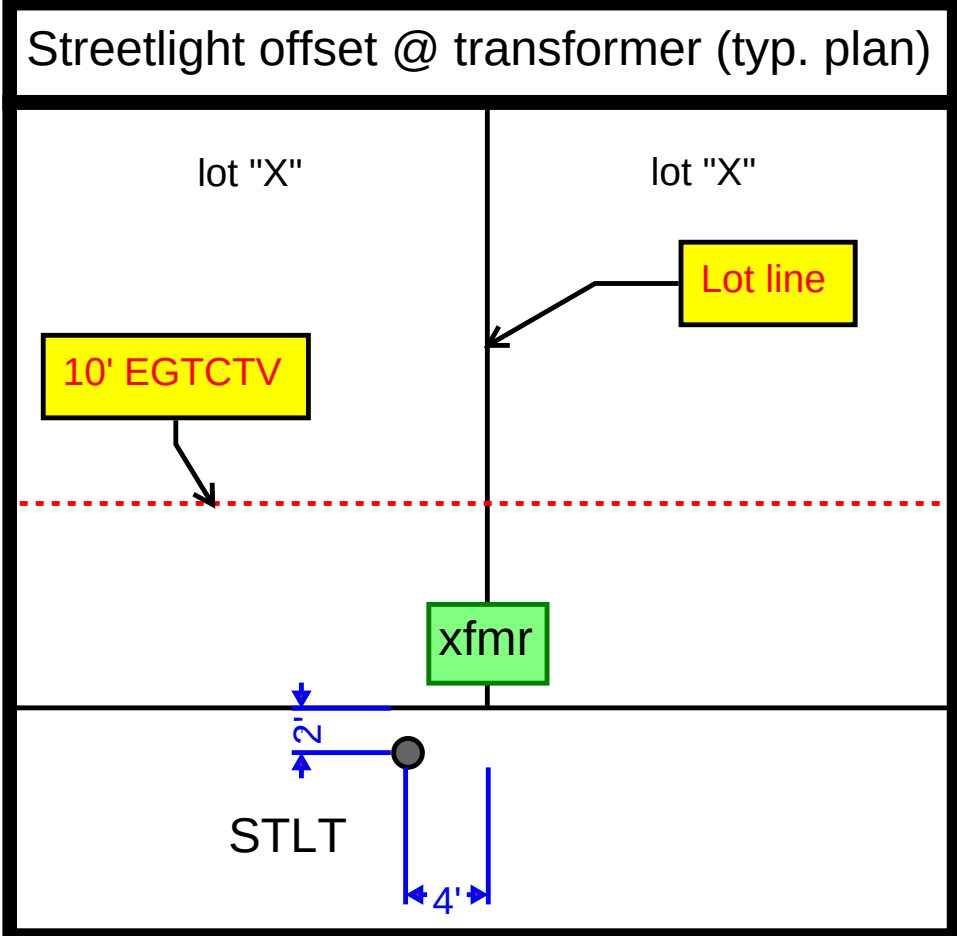
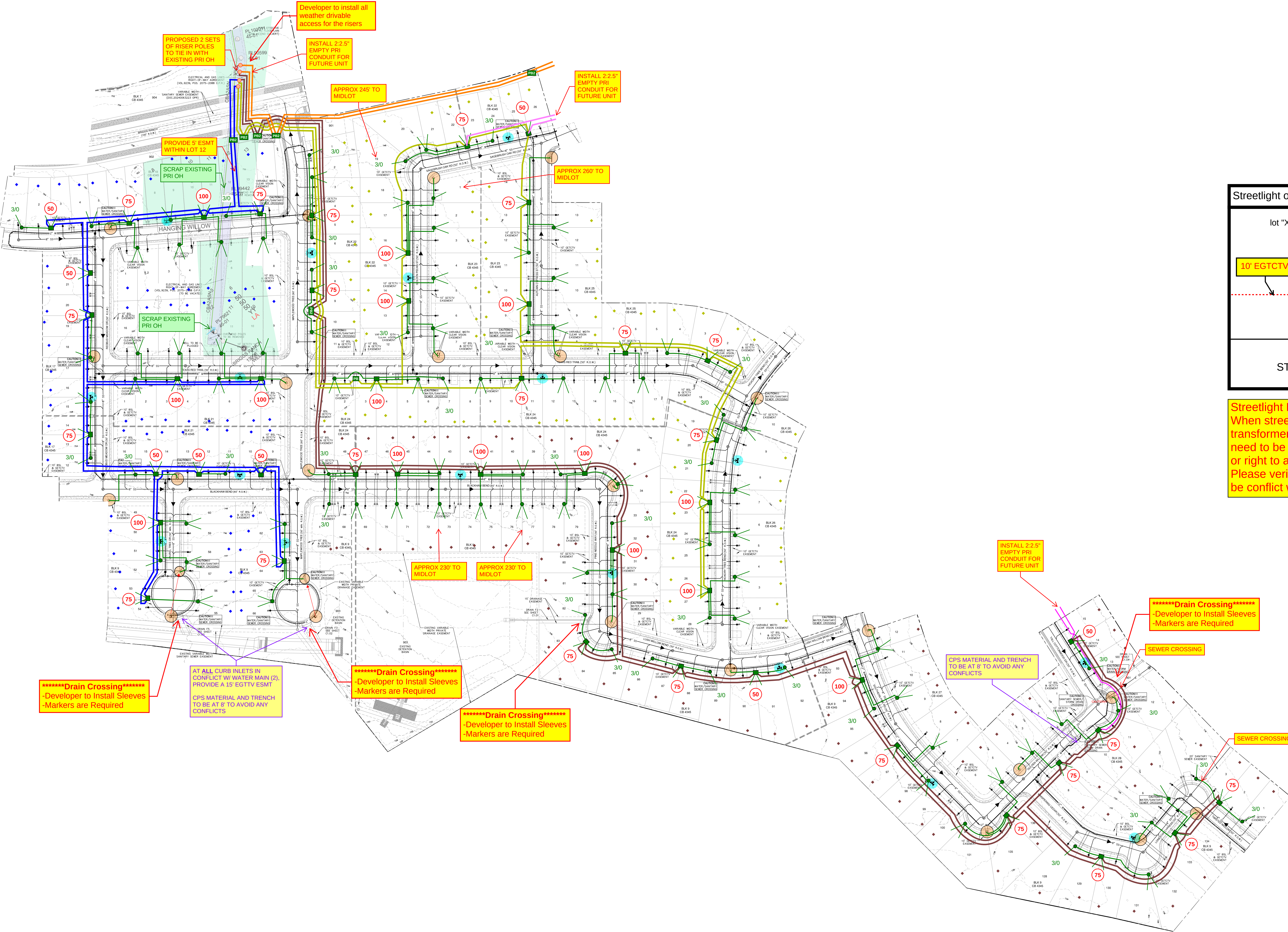
BRIGGS RANCH EAST PHASE 2 UNIT 1
PRELIMINARY DESIGN (BCA#)
ELECTRIC ONLY / 3,300 SQFT / 258 LOTS / HV SYSTEM
ESTIMATED POLES: 4 / STL: 23 100W / TRENCH: ±17,500LF

C- Phase
LOOP 1 (75 LOTS)
XFMRS ADDED: 15
5 - 50KVA = 250KVA
6 - 75KVA = 450KVA
4 - 100KVA = 400KVA
TOTAL = 1100KVA
500KVA REMAINING

A- Phase
LOOP 2 (91 LOTS)
XFMRS ADDED: 15
1 - 50KVA = 50KVA
8 - 75KVA = 600KVA
6 - 100KVA = 600KVA
TOTAL = 1250KVA
350KVA REMAINING

B- Phase
LOOP 3 (92 LOTS)
XFMRS ADDED: 17
2 - 50KVA = 100KVA
10 - 75KVA = 750KVA
5 - 100KVA = 500KVA
TOTAL = 1350KVA
250KVA REMAINING

C- Phase
LOOP 4
AVAILABLE = 1,600KVA



Streetlight Design Note:
When streetlights fall in front of a transformer or SE6, the streetlight will need to be offset from the lot line 4' left or right to allow access.
Please verify driveway swings will not be conflict with these instances.

ELECTRIC & GAS						PG NO.2	
Average Living Space		3300		BRE PHASE 1 UNIT 2			
# OF HOMES	TRANSFORMER KVA NAMEPLATE	TOTAL KVA		MAX DISTANCE		3/0	4/0
1	25	15		255	350		
2	25	29	DO NOT USE	125	240		
3	50	43	DO NOT USE	0	160		
4	50	56	DO NOT USE	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		