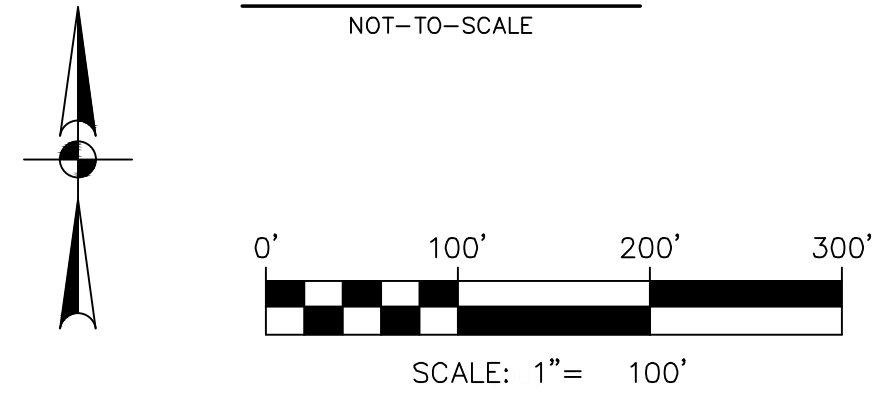
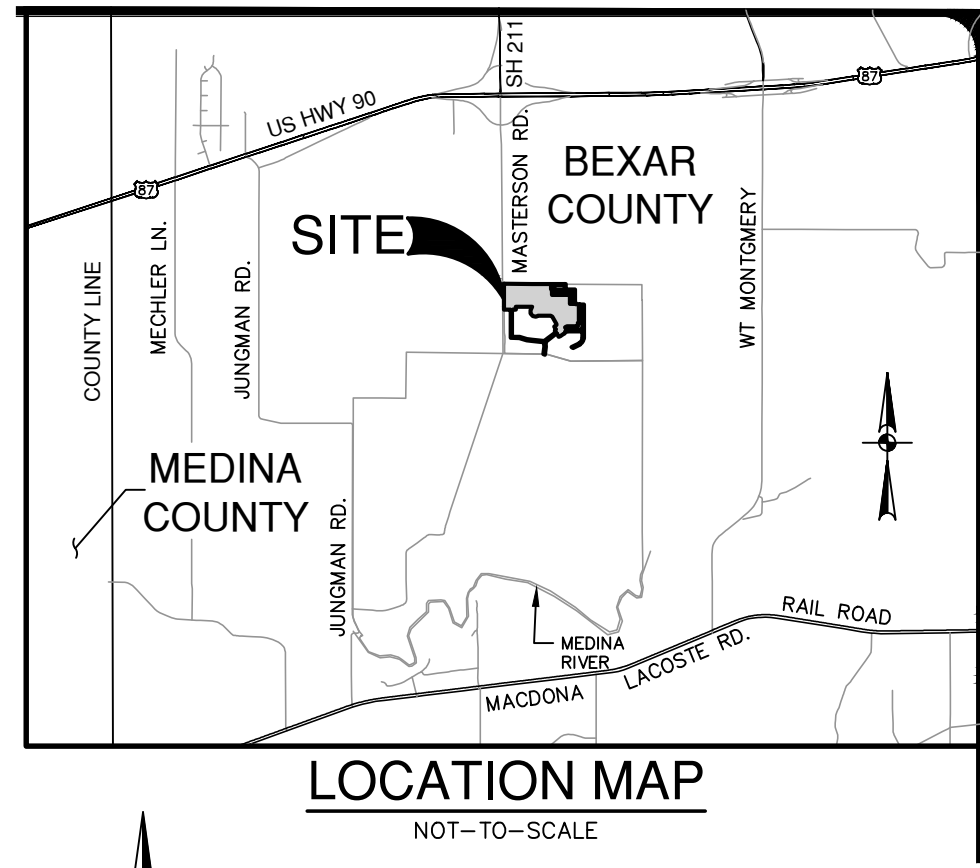
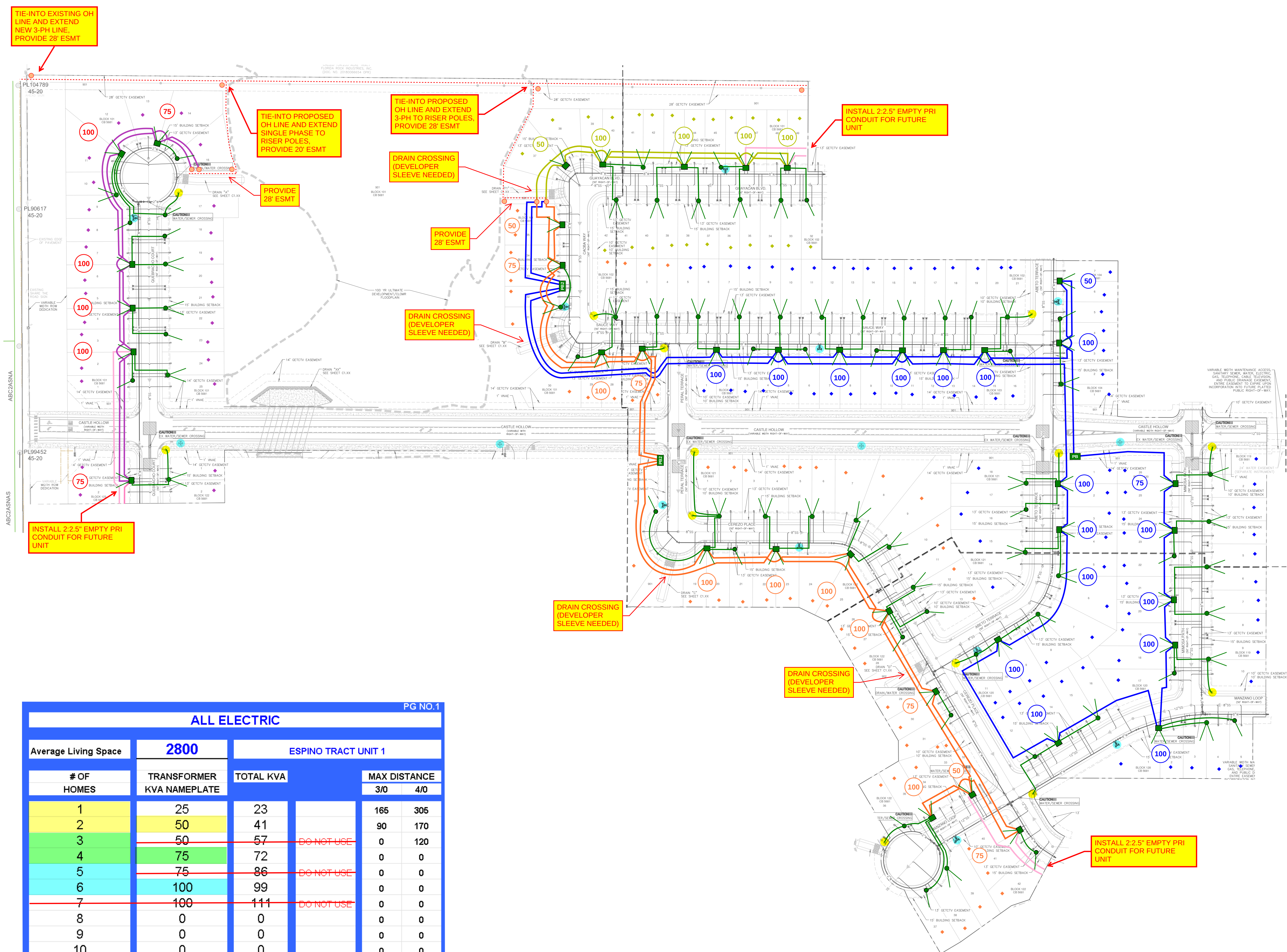




UTILITY LEGEND

- PROJECT LIMITS
- EXISTING WATER
- EXISTING SEWER
- PROPOSED SEWER
- PROPOSED WATER
- PROPOSED WYE & LATERAL
- SINGLE WATER SERVICE
- DUAL WATER SERVICE
- STREET LIGHTS
- GAS, ELECTRIC, TELEPHONE & CABLE TELEVISION EASEMENT
- SECONDARY PEDESTAL
- TRANSFORMER
- PULL BOX
- TREES TO REMAIN (SUREYED BY OTHERS)
- TREES TO BE REMOVED

ESPINO TRACT UNIT 1
PRELIMINARY DESIGN
ELECTRIC ONLY / 2,626 SQFT / 191 LOTS / HV SYSTEM
ESTIMATED POLES: 18/ STLT: 11 100W/ TRENCH:±12,285L

ALL ELECTRIC						PG NO.1
Average Living Space		2800	ESPINO TRACT UNIT 1			
# OF HOMES	TRANSFORMER KVA NAMEPLATE	TOTAL KVA	MAX DISTANCE			
			3/0	4/0		
1	25	23	165	305		
2	50	41	90	170		
3	50	57	0	120	DO NOT USE	
4	75	72	0	0		
5	75	86	0	0	DO NOT USE	
6	100	99	0	0		
7	100	111	0	0	DO NOT USE	
8	0	0	0	0		
9	0	0	0	0		
10	0	0	0	0		
11	0	0	0	0		
12	0	0	0	0		

LOOP 1 (28 LOTS)
XFMRs ADDED: 6

2 - 75KVA = 150KVA
4 - 100KVA = 400KVA
TOTAL = 550KVA

1050KVA REMAINING

LOOP 2 (24 LOTS)
XFMRs ADDED: 5

1 - 50KVA = 50KVA
4 - 100KVA = 400KVA
TOTAL = 450KVA

1150KVA REMAINING

LOOP 3 (86 LOTS)
XFMRs ADDED: 17

1 - 50KVA = 50KVA
1 - 75KVA = 75KVA
15 - 100KVA = 1500KVA
TOTAL = 1625KVA

REQUIRES DP APPROVAL
0 KVA REMAINING

LOOP 4 (53 LOTS)
XFMRs ADDED: 12

2 - 50KVA = 100KVA
4 - 75KVA = 300KVA
6 - 100KVA = 600KVA
TOTAL = 1000KVA

600 KVA REMAINING