

Preliminary

04/15/2025 2:07:02 PM

KINDER GALE UNIT 2 - PRELIM DESIGN / BCA: 263131 / 1"=100'
ELECTRIC AND GAS/ 4400 SQFT/ 62 LOTS/ HV SYSTEM
ESTIMATED POLES: 3
ESTIMATED TRENCH: +/- 3700

LOAD INFORMATION
100 X 7 = 700KVA
75 X 7 = 525KVA
50 X 1 = 50KVA
TOTAL LOAD = 1275KVA

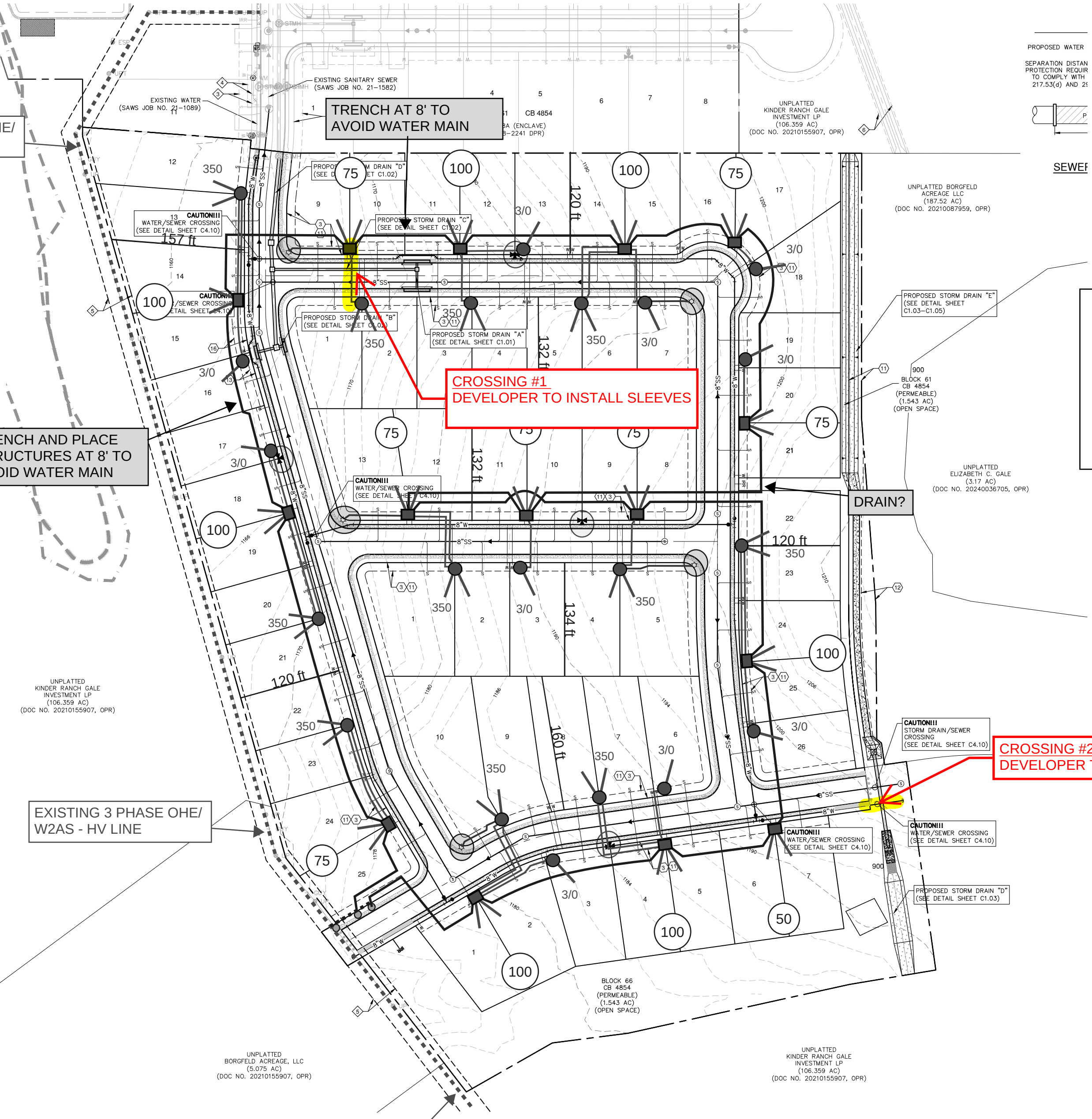
EXISTING 3 PHASE OHE/
W2AS - HV LINE

ELECTRIC & GAS				
PG NO. 2				
Average Living Space	4400	KINDER GALE UNIT 2		
# OF HOMES	TRANSFORMER KVA NAMEPLATE	TOTAL KVA	MAX DISTANCE	
			3/0	4/0
1	25	22	170	320
2	50	41	90	170
3	50	60	0	115
4	75	78	0	0
5	100	96	0	0
6	100	113	0	0
7	0	0	0	0
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

TRENCH AND PLACE
STRUCTURES AT 8' TO
AVOID WATER MAIN

EXISTING 3 PHASE OHE/
W2AS - HV LINE

EXISTING 3 PHASE OHE/
W2AS - HV LINE



PROPOSED WATER
SEWER
SEWER

CONDUIT LEGEND

- (1) 6" PVC SCH 80 (ELECTRIC)
- (1) 6" PVC SCH 40 (GAS)
- (3) 4" PVC SCH 40 (COMM)