

REDBIRD RANCH PH. 2 U3M-4 - PRELIM DESIGN
(BCA ID: 248779)
ELECTRIC & GAS/ 2450 SQFT/ 120 LOTS/ HV SYSTEM
SCALE: 1" = 100'
ESTIMATED NEW POLES = 3
STLT: 7 100W
ESTIMATED TRENCH AMOUNT = ± 3886 L.F.

LOOP 1 (120 LOTS)
9 - 50KVA = 450KVA
11 - 75KVA = 825KVA

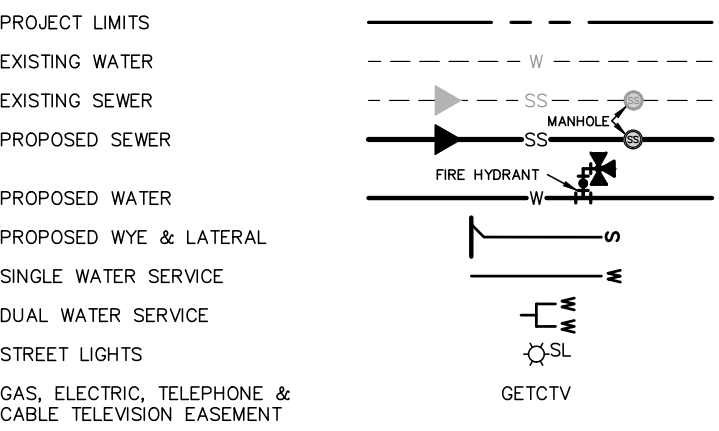
TOTAL = 1275KVA
AVAILABLE LOAD = 325KVA

LOOP 2
EMPTY LOOP FOR
FUTURE UNIT

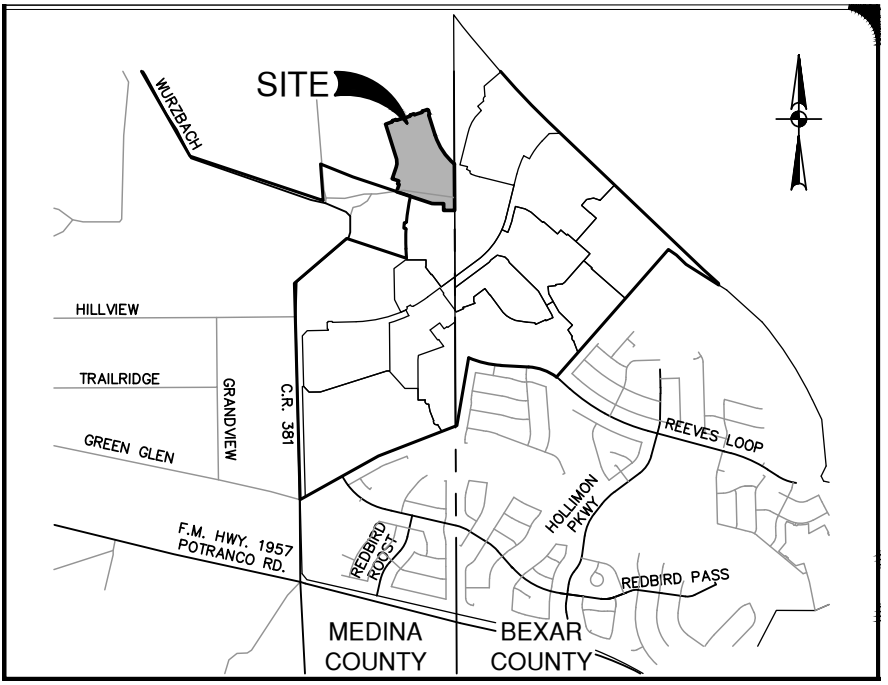
AVAILABLE LOAD=1600KVA

ELECTRIC & GAS				
PG NO.2				
Average Living Space	2450	REDBIRD RANCH PH.2 U3M-4		
# OF HOMES	TRANSFORMER KVA NAMEPLATE	TOTAL KVA	MAX DISTANCE	
			3/0	4/0
1	25	10	350	350
2	25	18	210	350
3	25	26	140	270
4	50	34	105	205
5	50	42	85	165
6	50	50	0	135
7	50	58	0	120
8	75	65	0	0
9	75	72	0	0
10	75	79	0	0
11	75	86	0	0
12	100	93	0	0

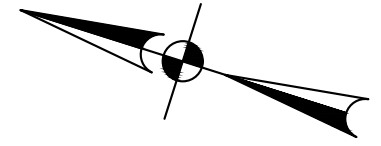
UTILITY LEGEND



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

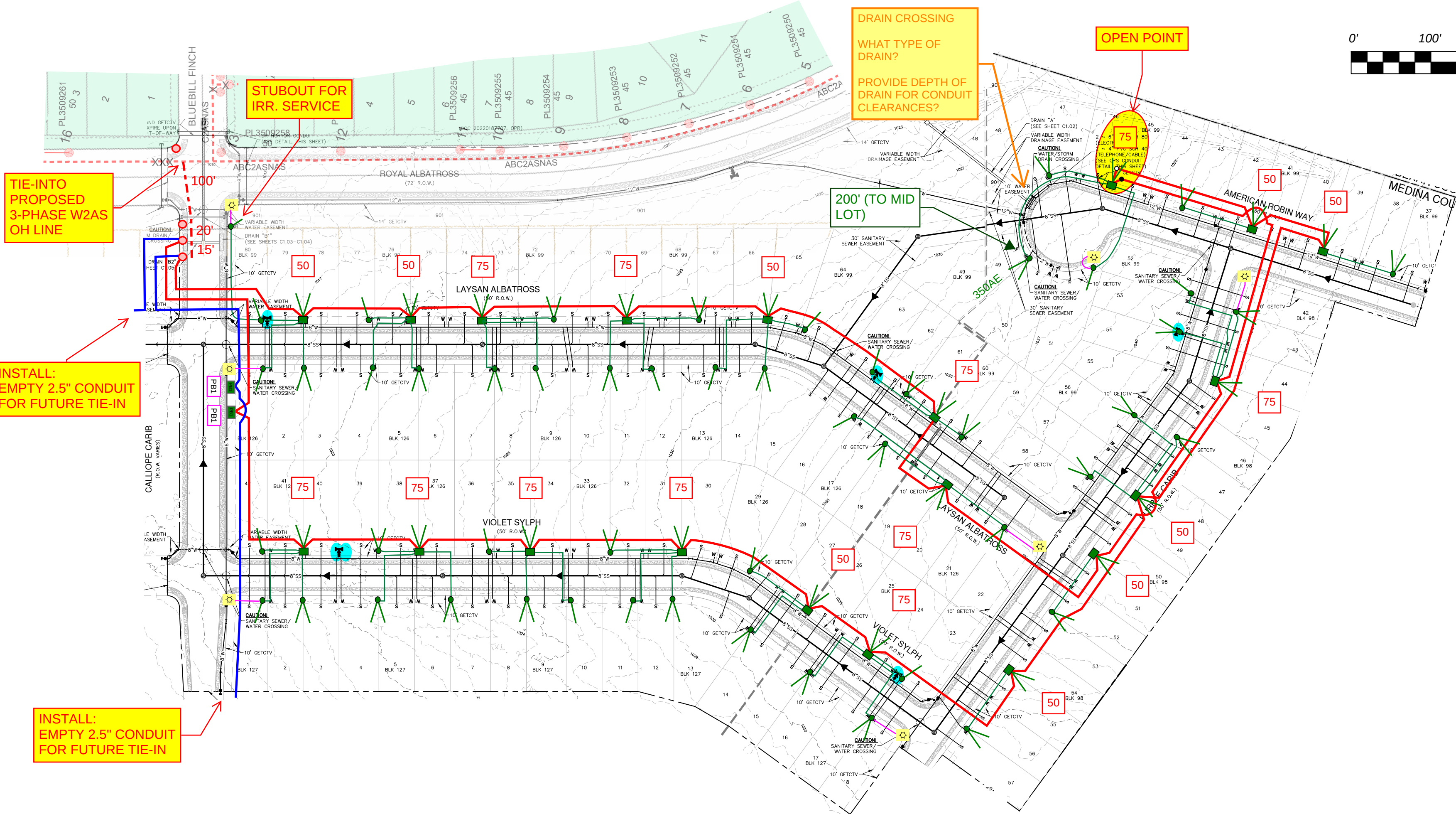
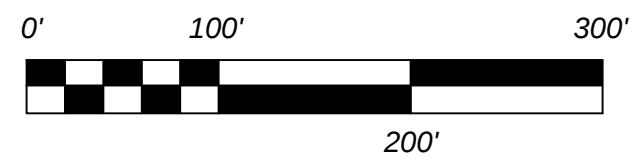


LOCATION MAP
NOT-TO-SCALE



REDBIRD RANCH PH. 2 U3M-4

SKETCH 22" x 17", SCALE: 1" = 100'



TIE-INTO
PROPOSED
3-PHASE W2AS
OH LINE

STUBOUT FOR
IRR. SERVICE

DRAIN CROSSING
WHAT TYPE OF
DRAIN?

PROVIDE DEPTH OF
DRAIN FOR CONDUIT
CLEARANCES?

OPEN POINT

INSTALL:
EMPTY 2.5" CONDUIT
FOR FUTURE TIE-IN

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EMPTY 2.5" CONDUIT
FOR FUTURE TIE-IN