

Sumin Fan (310) 256-6088
 11528 County Road 1083
 Princeton, Texas 75407
 Collin County

February 8, 2023



Proposed Septic for five (5) Camping Domes

2/9/2023

Proposed:
 500 Gallon Settling Tank
 500 GPD Aerobic ATU
 500 GPD Aerobic ATU

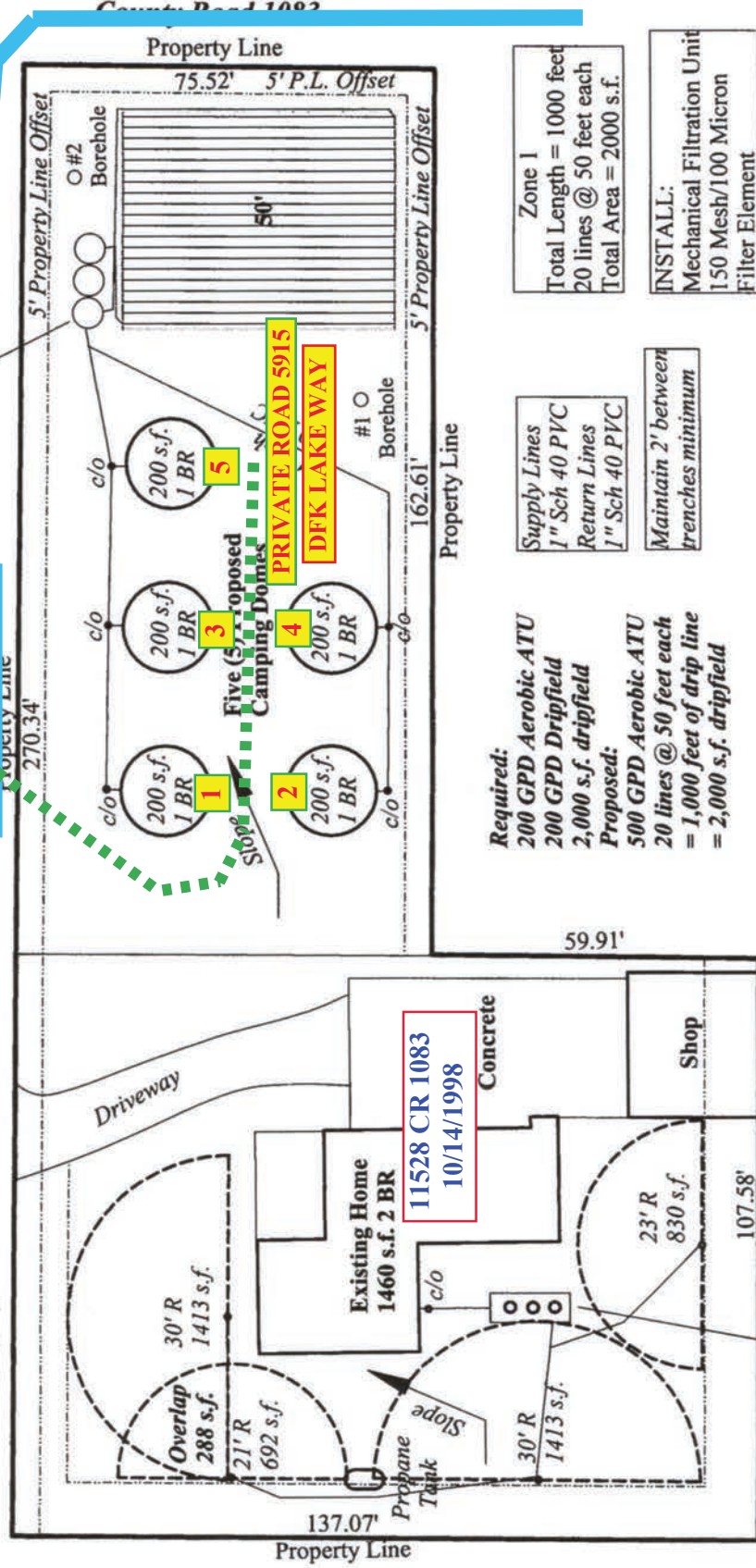
There is not a 100-Year Floodplain
 line located on the property

FM 3364

North

Scale: 1" = 30'

County Road 1083



Required:
 200 GPD Aerobic ATU
 200 GPD Dripfield
 2,000 s.f. dripfield
Proposed:
 500 GPD Aerobic ATU
 20 lines @ 50 feet each
 = 1,000 feet of drip line
 = 2,000 s.f. dripfield

Supply Lines
 1" Sch 40 PVC
Return Lines
 1" Sch 40 PVC

Maintain 2' between
 trenches minimum.

Zone 1
 Total Length = 1000 feet
 20 lines @ 50 feet each
 Total Area = 2000 s.f.

INSTALL:
 Mechanical Filtration Unit
 150 Mesh/100 Micron
 Filter Element

Existing:
 500 GPD
 Aerobic ATU