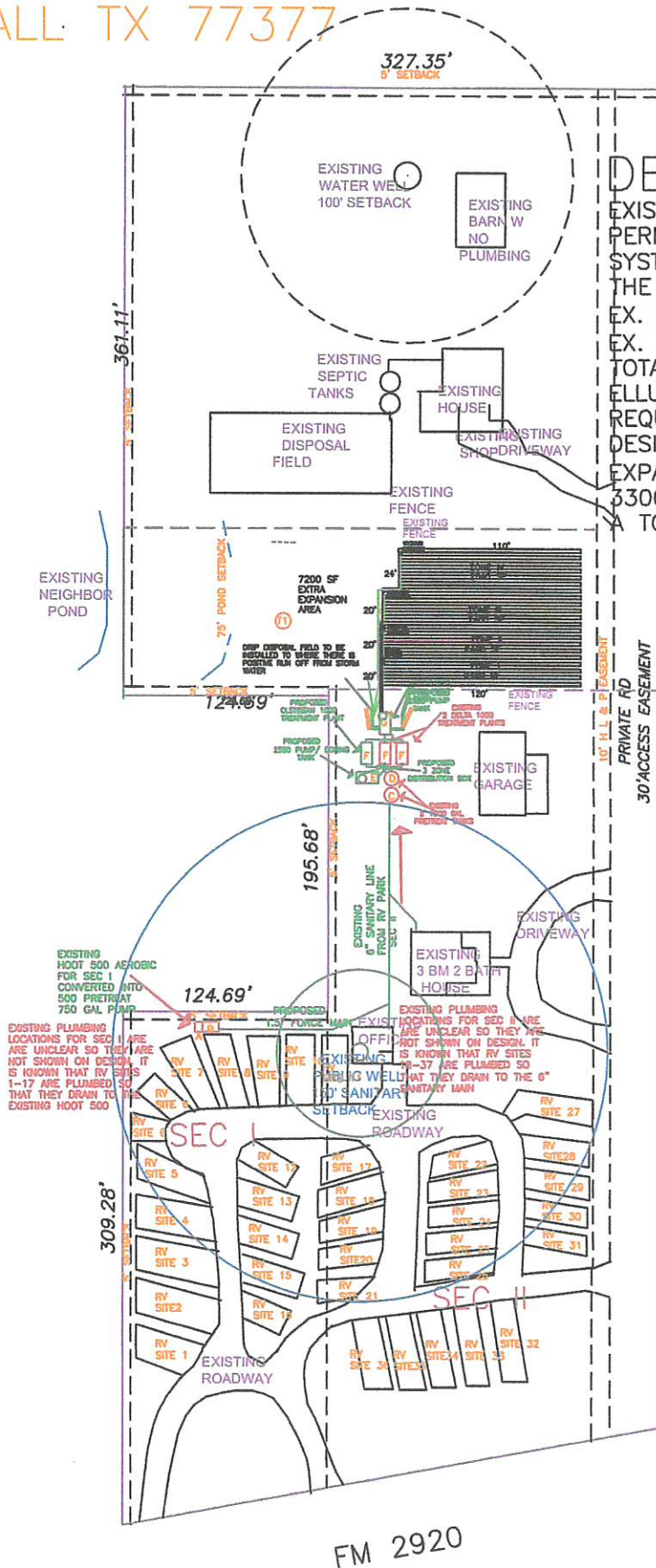


OSSF SITE PLAN FOR  
ROSEHILL RV PARK  
19611 FM 2920  
TOMBALL TX 77377



DESIGN CRITERIA:

EXISTING RV PARK WITH 2 EXISTING SEPERATE PERMITS . PROPOSAL TO COMBINE THE EX. SYSTEMS INTO ONE NEW PERMIT AND EXPAND THE NEW SYSTEM FOR PROPER SIZING REQUIREMENTS  
 EX. 37 RV SITES(ULF) @ 40 GPD = 1480 GPD  
 EX. 3 BDRM HOUSE (ULF) @ 240 GPD  
 TOTAL SYSTEM FLOW = 1720 GPD  
 ELUENT LOAD RATE: .20  
 REQUIRED DRIP DISPOSAL AREA: 8600 SF  
 DESIGNED DRIP DISPOSAL AREA: 9860 SF  
 EXPANSION/RESERVE AREA= 7200 SF  
 3300 OVERAGE + 7200 SF RESERVE AREA FOR A TOTAL OF 10500 SF EXPANSION

AS-BUILT 05-20-20

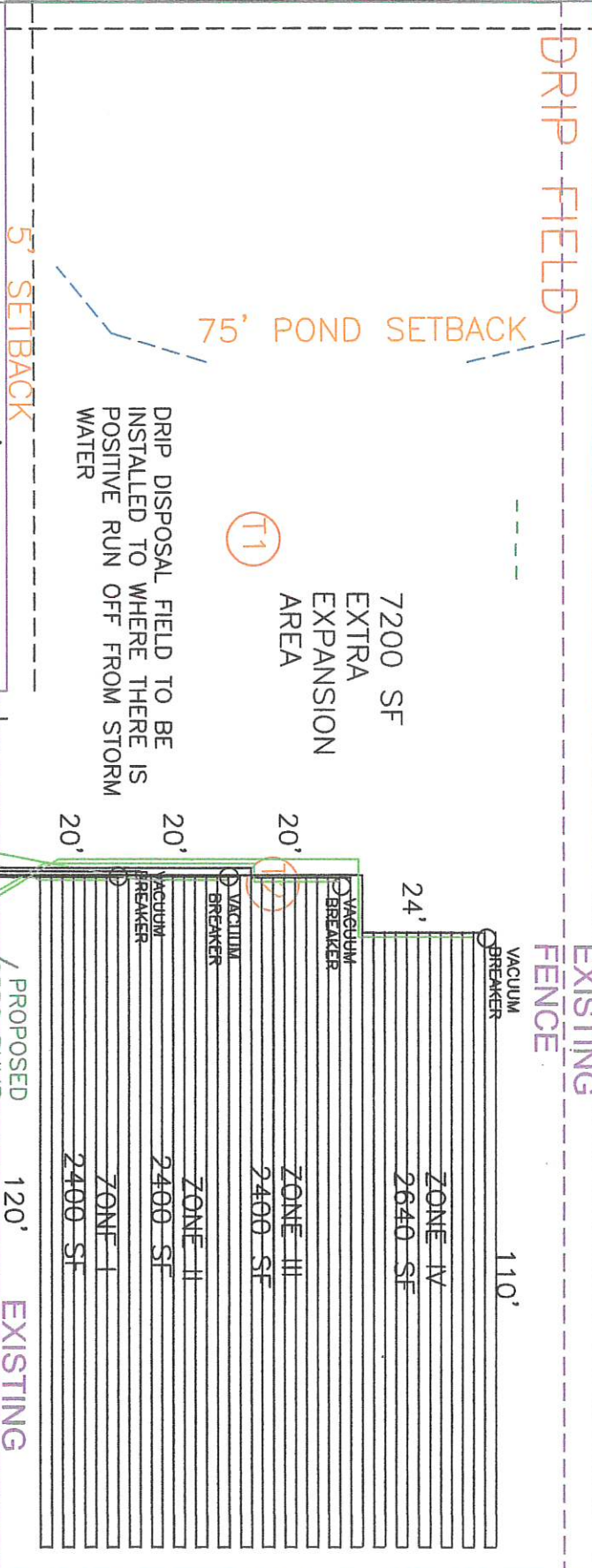


ZONE X
DRIP IRRIGATION
PUBLIC WELL

TWO SONS ENVIRONMENTAL SERVICES 23569 FM 1314 PORTER, TX 281-354-9284	
ROSEHILL RV PARK	
93,654 SF TR 13C-6 37,462 SF TR 13C-2 118,265 SF TR 13C-1 ABST 7 S BROWN	
19611 FM 2920	
1:100	02-08-18

# ON-SITE DRIP FIELD DETAILS

EXISTING NEIGHBOR POND



## DRIP FIELD DOSING CALCULATIONS:

REQ. DOSING AREA 1720/2 = 8600 SF  
 DESIGNED AREA = 9840 SF  
 FIELD SIZE 9840 SF / 4 ZONES = 2460 SF PER ZONE AVERAGE  
 2460 SF / 2 = 1230 LF AVERAGE  
 1230 LF / 2 = 615 EMITTERS PER ZONE  
 FLOW RATE .91 X 615/60 = 9 GPM  
 DOSING SCHEDULE 12 TIMES DAILY  
 ALTERNATING BETWEEN 4 ZONES AT 16 MIN/DOSE FOR A TOTAL OF 1728 GPD.  
 EACH ZONE TO RECEIVE 346 GPD.  
 REST TIME FOR EACH ZONE IS 8 HRS  
 SET TIMER TO START EVERY 2 HRS FOR A TOTAL OF 16 MINS

## DESIGNED DRIP FIELD

- ZONE I  
10'-120' RUNS LOOPED  
1200 LINEAR FT TUBING PER ZONE
- ZONE II  
10'-120' RUNS LOOPED  
1200 LINEAR FT TUBING PER ZONE
- ZONE III  
10'-120' RUNS LOOPED  
1200 LINEAR FT TUBING PER ZONE
- ZONE IV  
12-110' RUNS LOOPED  
1320 LINEAR FT TUBING PER ZONE
- 4920 LF TOTAL TUBING

AS-BUILT 05-20-20



EXISTING SANITARY LINE FROM RV PARK

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