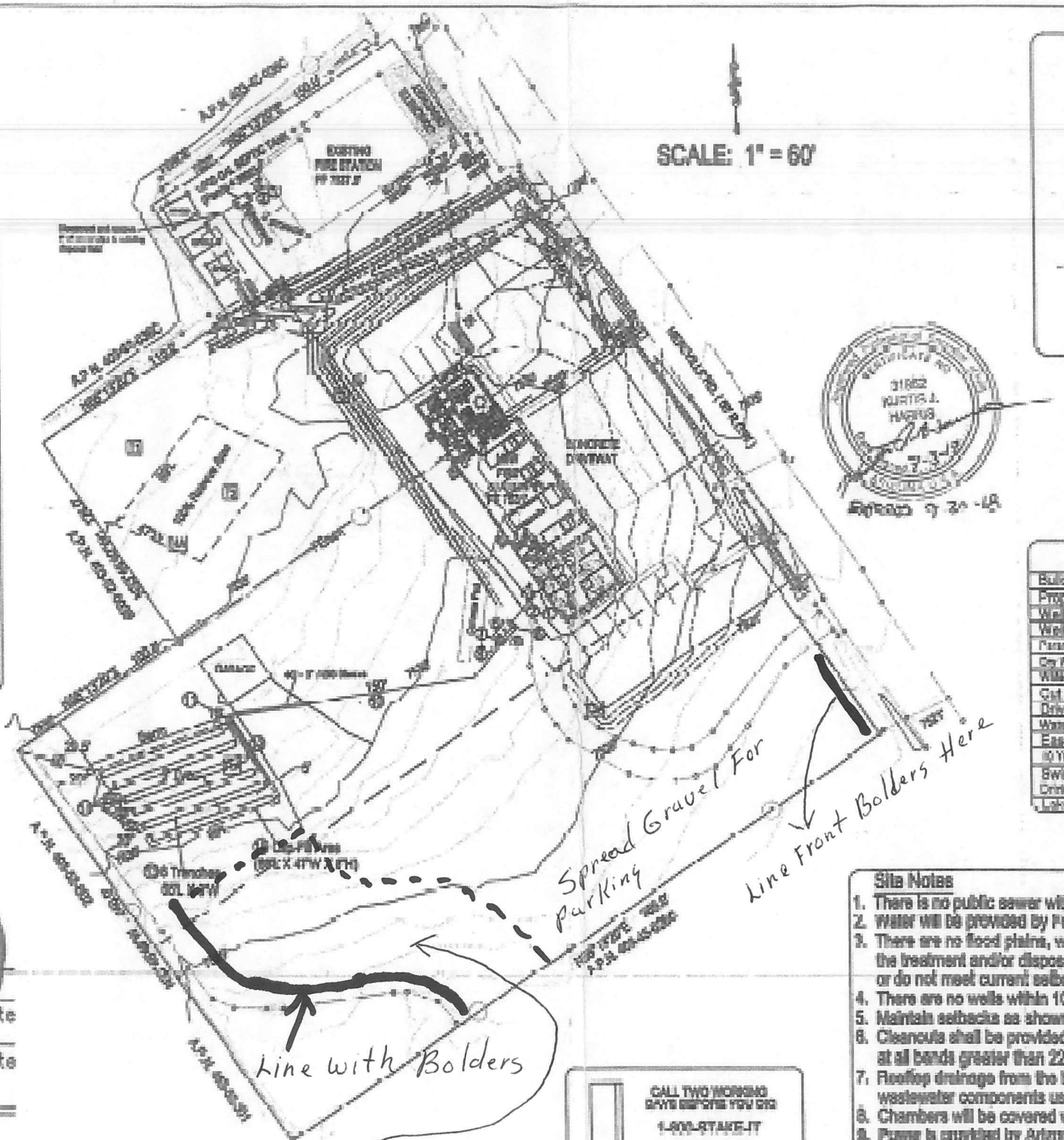
Forest Lakes Fire District
P.O. Box 1808
1522 Merzville Rd.
Forest Lakes, AZ 85931

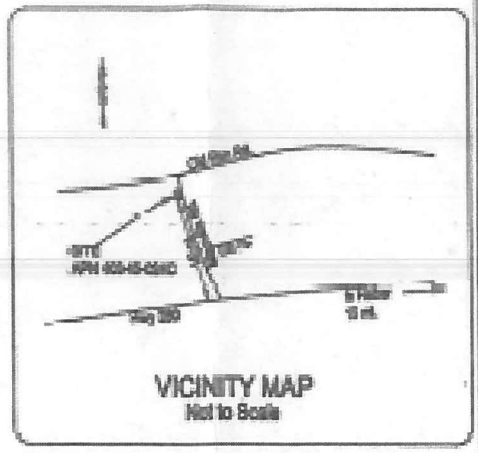
Forest Lakes Est's 4 Lots 297-299
A.P.N. 403-45-024C
2.98 Acres

System Components

1. 2 Way Clean Outs (3)
2. 12' & 22' - 4" ABS Sewer Line
3. 1,000 Gal. Precast Septic Tank (existing)
4. 264' - 4" SDR35 Sewer Line
5. AquaKlear AK893 Aerobic Tank
6. Aerator/Control Panel
7. AquaKlear Chlorinator
8. 111 Gallon Chlorine Contact Tank
9. 891 Gallon Pump Chamber
10. 150' - 1.5" SDR35 Supply Line
11. Distribution Box
12. 4" SDR35 Solid Lines - 9', 14', 22', 31', 40' & 50'L
13. 8 Trenches - 65'L (13 Chambers ea)
14. Inspection Pipes (6)
15. Cap Fill Area - 09'L x 47'W x 8"H

T1 Toot Hole Location (7)





GRAPHIC SCALE
(In Feet)
1 Inch = 60 Feet

APPROVED
APPROVALS
Approved COCONINO COUNTY HEALTH DEPT Date
CDRO [signature] 7/17/17 Date
COUNTY CONCEPT APPROVAL

The County approves these plans for concept only. All liability resulting from errors or omissions is the responsibility of the designer. The County does not verify or guarantee the measurements, calculations, ownership or conclusions indicated by the creator of these plans.

CALL TWO WORKING DAYS BEFORE YOU DIG
1-800-STAKE-IT
BLUE STAKE CENTER

Setback Table

	Treatment Unit	Disposal Area
Buildings	10 Ft.	10 Ft.
Property Lines	5 Ft.	5 Ft.
Wells (Public)	100 Ft.	100 Ft.
Wells (Private)	100 Ft.	100 Ft.
Perennial or Intern. Stream	100 Ft.	100 Ft.
Dry Wash/Drainage Easement	50 Ft.	50 Ft.
Water Main/Ground Water Line	10 Ft.	10 Ft.
Cut Bank	15 Ft.	15 Ft.
Driveways	5 Ft.	5 Ft.
Water Service Line	5 Ft.	5 Ft.
Easement	5 Ft.	5 Ft.
10 Yr/24 Hr Rainfall Event	100 Ft.	100 Ft.
Swimming Pool	5 Ft.	5 Ft.
Drinking Water Intake	200 Ft.	200 Ft.
Lake/ Reservoir	100 Ft.	100 Ft.

Site Notes

1. There is no public sewer within 200' of the property.
2. Water will be provided by Forest Lakes Domestic Water Improv. District.
3. There are no flood plains, watercourses or other features within 200' of the treatment and/or disposal field that will interfere with system operation or do not meet current setback requirements.
4. There are no wells within 100' of the system.
5. Maintain setbacks as shown in SETBACK Table.
6. Cleanouts shall be provided in the 4" sewer service 2' from the buildings at all bends greater than 22.5° and runs greater than 50'.
7. Rooftop drainage from the buildings should be diverted away from all wastewater components using berms, gutters or other methods.
8. Chambers will be covered with 9 inches of soil.
9. Power is provided by Arizona Public Service.
10. Property corners are marked by metal pins.
11. All easements & R.O.W.S. are accurately shown on site plan.
12. All HOA and CC&R setbacks & requirements are met.

ARIZONA WASTEWATER DESIGN
914 HULET LN.
FLAGSTAFF, AZ 86004
(928) 774-1318 FAX: (928) 774-2546

Site Plan System Components

Scale: 1" = 60'
Drawing Date: 05/02/15
Checked:
Revisions: 06/26/15
Agency: CCEQ
Drawn By: DS
DRW #: 2017-37

AQUAKLEAR/ATU/ CHAMBER TRENCH
Owner: Forest Lakes Fire District
1522 Merzville Rd Forest Lakes, AZ 85931
Coconino County APN # 403-45-024C
Forest Lakes Est's Un. 4 Lots 297-299

First Get Rid of Junk
Second Spread Rocky Dirt Level down
Third Put 2" to 3" of good Dirt over Rocky Dirt