Arkansas Department of Health
Environmental Health Protection

Receipt Number 28894710

Individual Onsite Wastewater System Permit Application

Permit Type: ☑ New Installation ☐ Alteration / Repair

DR Environmental ID # 1 5 0 1 1 0 8 8 2 7

Fee Schedule for Structures		√
Structures 1500 sq ft or less	$ 30.00	☐
Structures more than 1500 sq ft and up to 2000 sq ft	$ 45.00	☐
Structures more than 2000 sq ft and up to 3000 sq ft	$ 90.00	☑
Structures more than 3000 sq ft and up to 4000 sq ft	$120.00	☐
Structures more than 4000 sq ft	$150.00	☐
Alteration and Repair	$ 30.00	☐

Part 1 Application

Treatment Type (check one)
- ☑ STD = Standard Septic Tank
- ☐ ISF = Intermittent Sand Filter
- ☐ PMF = Proprietary Media Filter
- ☐ OTH = Other (Describe)
- ☐ ATU = Aerobic Treatment Plant
- ☐ RSF = Re-circulating Sand Filter
- ☐ RGF = Re-circulating Gravel Filter
- ☐ HLD = Holding Tank

Disposal Method (check one)
- ☑ STD = Standard Absorption Field
- ☐ SUR = Surface Discharge
- ☐ CPF = Capping Fill
- ☐ OTH = Other
- ☐ LPD = Low Pressure Distribution
- ☐ HLD = Holding Tank
- ☐ SRL = Serial Distribution
- ☐ DRP = Drip Irrigation

1. Owner's/Applicant's Name	2. Phone Number
Shelby Moon	479-477-1295
3. Mailing Address	**4. County**
29 Sunfish Court, Russellville, AR 72802	Yell

5. Address of Proposed System (If a 911 address is not available, attach detailed directions or map)
across from 10518 Rob Hill Road, Dardanelle

6. Subdivision Name	7. Approval Date	8. Date Recorded	9. Lot Number
N/a	N/a	N/a	tract 1,2,3
10. Lot Dimensions	**11. Total Area (Acres)**	**12. # Bedrooms # People**	**13. Daily Flow (GPD)**
404x1006x380x1006	9	3	370

14. Parcel Number or Brief Legal Description of Property (Attach a separate sheet of paper, if necessary)
a part of the NE 1/4 of the SE 1/4 of Sec 8 T-6-N R-21-W

15. Water Supply (Specify supplier, if Public Water)	16. GPS Coordinates
NE Yell Co.	N 35.188138 W -93.247588

17. Loading Rates	(gpd/ft²)	18. System Specifications						
Primary Area	.64	a. Size of Septic Tank	1000	gal	f. Trench Depth	18	inches	
Secondary Area	.75	b. Size of Dose Tank	N/a	gal	g. Trench Spacing	10	feet	
Percolation Test	(min/in)	c. Absorption Area	578	ft²	h. Trench Media (List Below)		i. Trench Width	
Primary Area Avg	N/A	d. Number of Field Lines	4		Gravel		24	in
Secondary Area	N/A	e. Length of Field Lines	75	ft	Gravel		24	in

TO THE OWNER
The permit for construction may be deemed invalid by the local Environmental Health Specialist before the start of construction, if the site and/or soil conditions have changed after approval of this permit, or if the information within this permit is inaccurate or has been found to be misrepresented. Approval for operation does not constitute a guarantee that the system will function properly. The approval states that the system was designed and installed according to the Arkansas Department of Health, Rules Pertaining to Onsite Wastewater Systems, unless there are exceptions or deviations noted in the comments. A Permit for Construction is valid for one (1) year from the date of approval. The authorized agent must revalidate a permit more than one (1) year old prior to the start of any construction.

19. Utilization Verification
I hereby attest that item 12, the number of bedrooms (number of persons for commercial) and square footage of the structure that will utilize the designed individual onsite wastewater system in this permit application, is accurate. I have reviewed the permit application and understand the layout, installation, maintenance, operation and expense(s) that may be associated with this system.

Shelby Moon — Date 10-8-26
Owner/Applicant/Developer/Designated Representative Signature

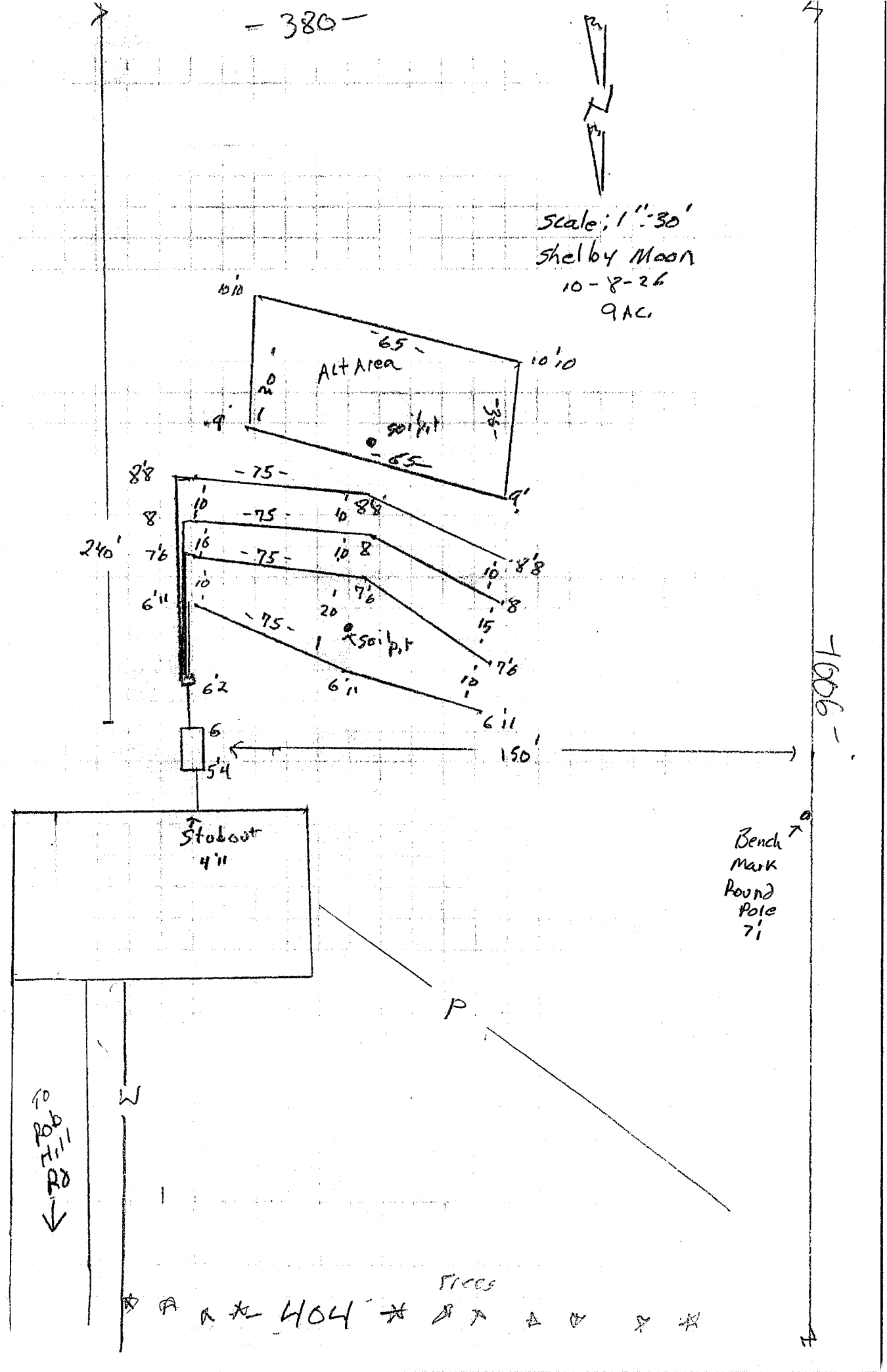
20. I certify that I have conducted the above tests and that the above listed information is in accordance with the latest requirements of the Arkansas Department of Health Rules and Regulations Pertaining to Onsite Wastewater Systems.

Bill Tucker — DR#1214513 — Soil Certified ☒ Yes ☐ No
Designated Representative Signature — Title

Bill Tucker — 10-8-26 — 479-858-8696
Print Name — Date — Phone Number

21. Approval of Health Authority
The information and specifications in this application have been reviewed and found to meet the requirements of the Arkansas Department of Health Rules Pertaining To Onsite Wastewater Systems. A PERMIT FOR CONSTRUCTION is hereby issued.

Environmental Specialist Signature — 107 EHS Number — 11-12-26 Date


- 380 -
Scale: 1" = 30'
Shelby Moon
10-8-26
9 AC.
Alt Area
soil pit
soil pit
Stobout
4'11
Bench Mark
Round Pole
7'
To Rob Hill Rd
- 1006 -
- 1006 -
240'
150'
- 404 -
Trees

SOIL PIT DATA
FOR:

NAME: Shelby Moon

DATE: 10/8/2026

SOIL PIT # 1

0-12"	sandy loam
12"-26"	sandy clay loam
26-38"	clay loam with chroma 2's
	Moderate SWT @ 26"

SOIL PIT # 2

0-12"	sandy loam
12-30"	sandy clay loam
30-40"	clay loam with chroma 2's
	Moderate SWT @ 30"

Project Name Shelby Moon **DR** 1214513

Bench mark location base of fence pole west of line 1 **B.M. elevation** 7.08

Ground Elevation			
Line #	Beginning	Middle	End
1	9.92	6.92	6.92
2	7.50	7.50	7.50
3	8.00	8.00	8.00
4	8.68	8.68	8.67
5			
6			
7			
8			

Flow Line Elevation			
Line #	Beginning	Middle	End
1	10.92	7.92	7.92
2	8.50	8.50	8.50
3	9.00	9.00	9.00
4	9.68	9.68	9.67
5	0.00	0.00	0.00
6	0.00	0.00	0.00
7	0.00	0.00	0.00
8	0.00	0.00	0.00

Ground Elevation (GE)	
Stub out	4.92
Tank inlet	5.33
Tank Outlet	6.00
D-Box	6.17

Minimum Flowline Elevation	
Stub out	6.92
Tank inlet	7.08
Tank Outlet	7.25
D-box	10.73

Length of Line(s)	
Building to inlet of tank	10
Tank outlet to D-Box or other	10
D-box(other) to Line 1	18

Distance above-below ground		
Tank distance out of ground	0.00	
Tank distance below ground	0.17	
D-box distance above ground	3.81	ALERT
D-box distance below ground	0.00	

Distance between lines			
	Beginning	Middle	End
1&2	10.00	20.00	10.00
2&3	10.00	15.00	10.00
3&4	10.00	10.00	10.00
4&5			
5&6			
6&7			
7&8			

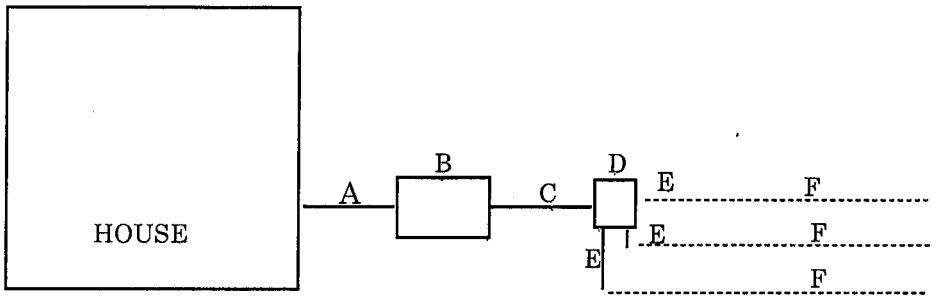
Curtain Drain (if required)			
	G.E.	Actual flow	Distance from L1
Begin			
End			

Comments

Note

inches	tenths	
1	0.08	All measurements are in tenths --To convert just use chart-- example: 2.58= 2 feet 7 inches
2	0.17	
3	0.25	if the ground elevation across the dispersal field is 5 inches or less, the flowline of the tank outlet shall be at or above the ground elevation of line 1
4	0.33	
5	0.42	
6	0.50	
7	0.58	if the ground elevation across the dispersal field is 6 inches or greater, the flowline of the D-box shall be at or above the ground elevation of line 1
8	0.67	
9	0.75	
10	0.83	
11	0.92	

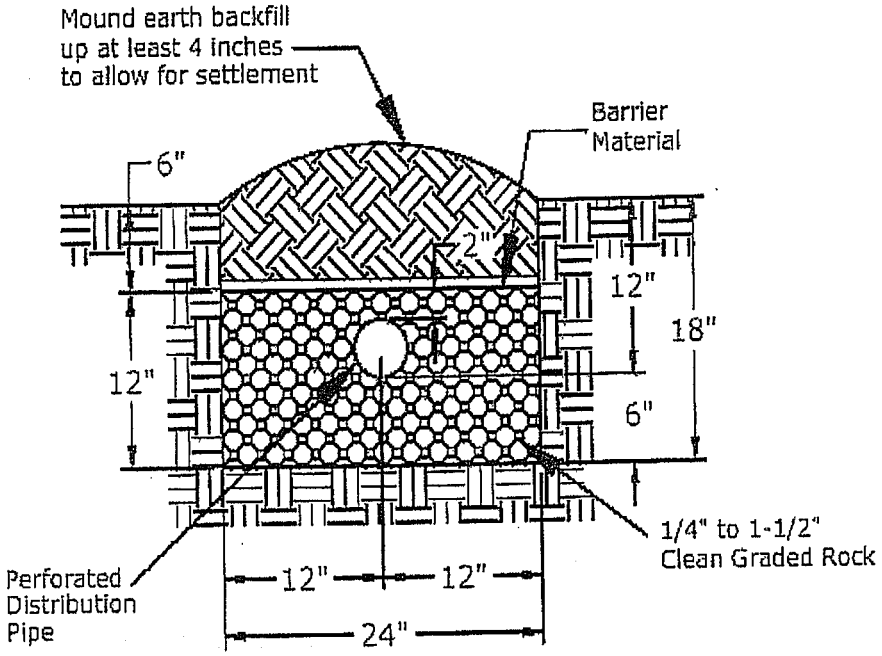
PIPE SPECIFICATIONS



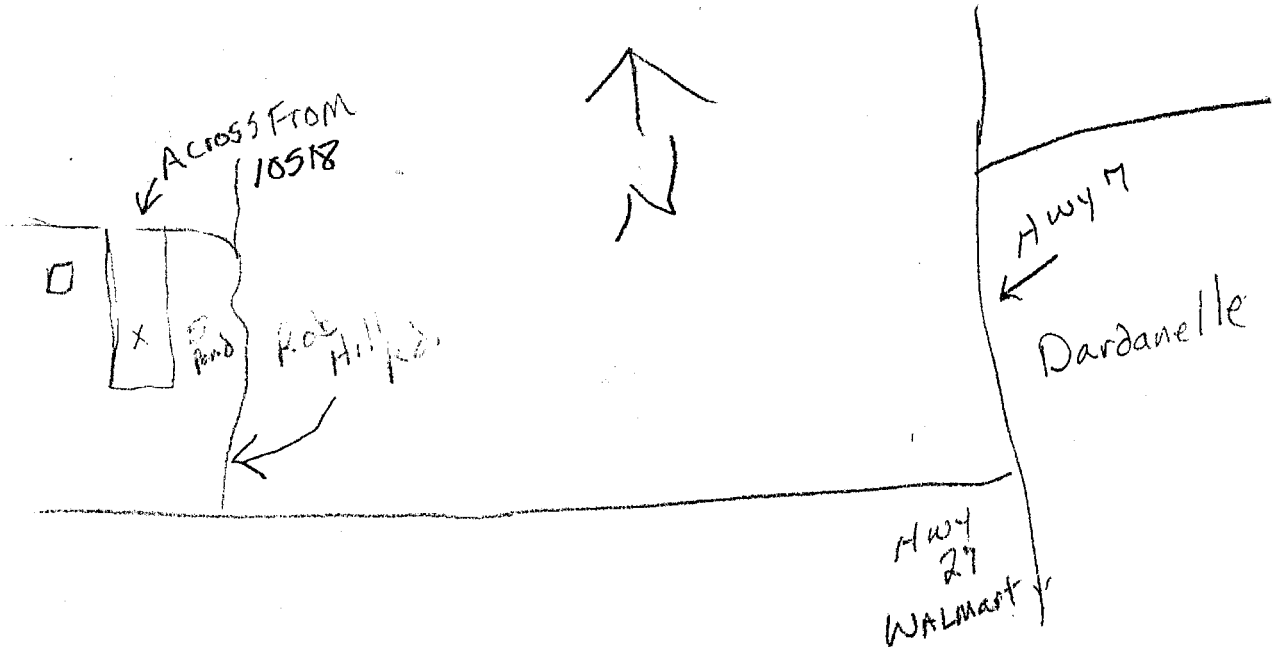
	NAME	PIPE APPROVED
A	House Sewer Line	Schedule 40 PVC Schedule 40 ABS
B	Septic Tank	Schedule 40 Sanitary T's Inlet and Outlet
C	Effluent Line	To solid ditch bottom, same as A. Beyond that point must be A or SDR 35 or if polyethylene pipe is used ASTM 3034 P.E.
D	Distribution Box or Diversion Valve	
E	Solid Pipe of Field Line	SDR 35 or A or ASTM 3034 P.E.
F	Perforated Field Line	ASTM F810 P.E. ASTM 2729 PVC

fig. 9

Lateral Line Trench Detail



18" Trench Depth


Across From
10518
Pond
Rock Hill Rd.
Hwy 17
Dardanelle
Hwy
27
WALMart