

**TOWN OF PITKIN, COLORADO
BUILDING PERMIT and APPLICATION**

Pmt. No. _____

PERMIT APPLICATION

Date 4/4/25
Valuation _____ Fee _____ Zoning comm
Contractor schellenberg Phone _____
Owner schellenberg
Permanent Address 100 main st
Building Site Address: Lots 17-26 Block 48
Required Setbacks: Front 0 Rear 5 Side 5
Sewage Disposal: Permit Issued yes Inspected yes
Construction to Consist of: moving train depot and bunk house from 601 state to 100 main st

I, the undersigned applicant, understand and agree to comply with all provisions of the Zoning Ordinance of the Town of Pitkin, Colorado.

 _____
Owner Contractor

BUILDING PERMIT

Pmt. No. _____

Occupancy _____ Type _____
Variance Required? Yes _____ No _____ Date Granted _____
Special Remarks _____

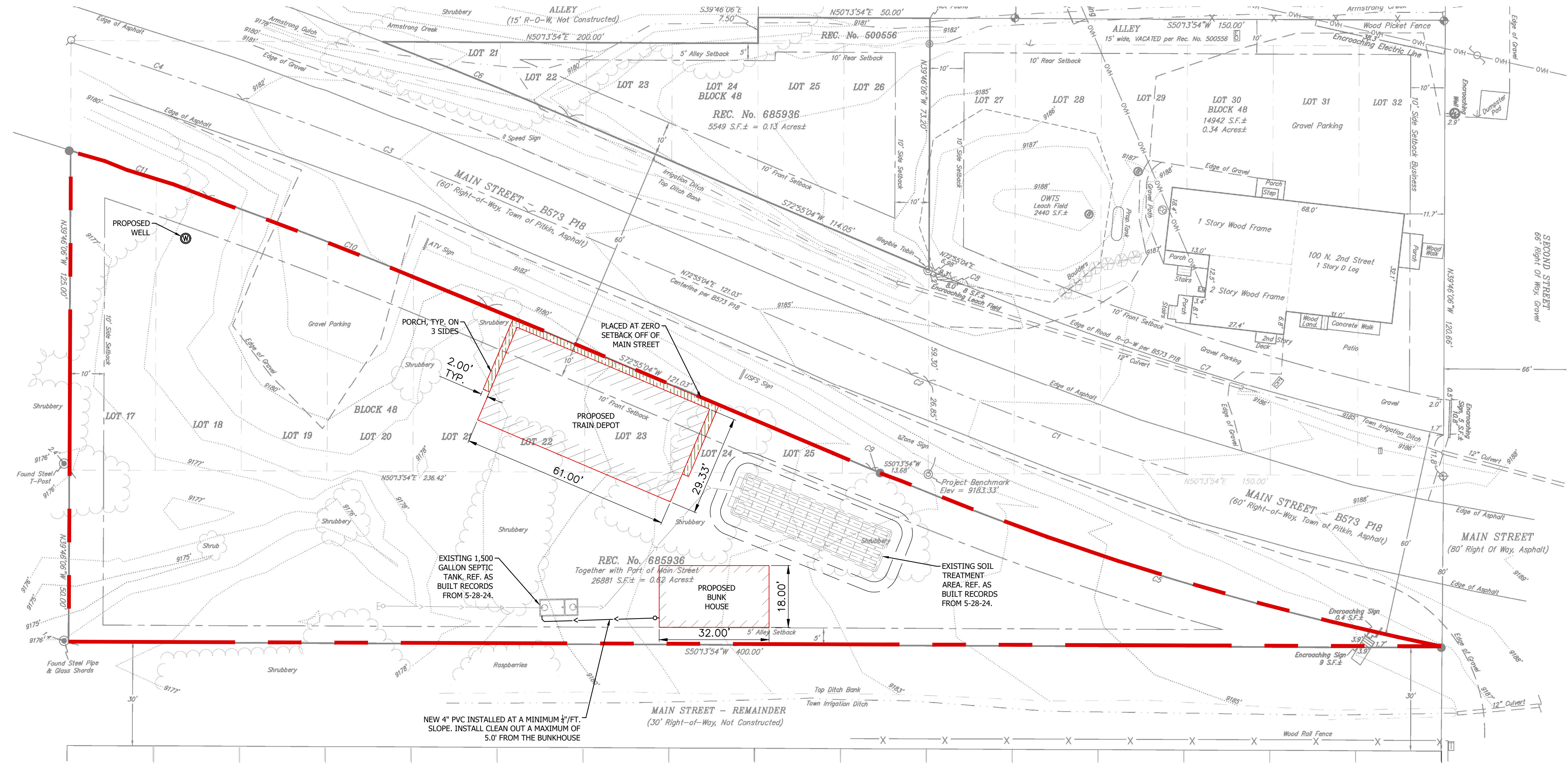
Other Permits Required: Electrical _____ Septic _____ Plumbing/Heating _____
Other _____

Date: Granted _____ Building Inspector _____

Denied _____ Zoning Board Official _____

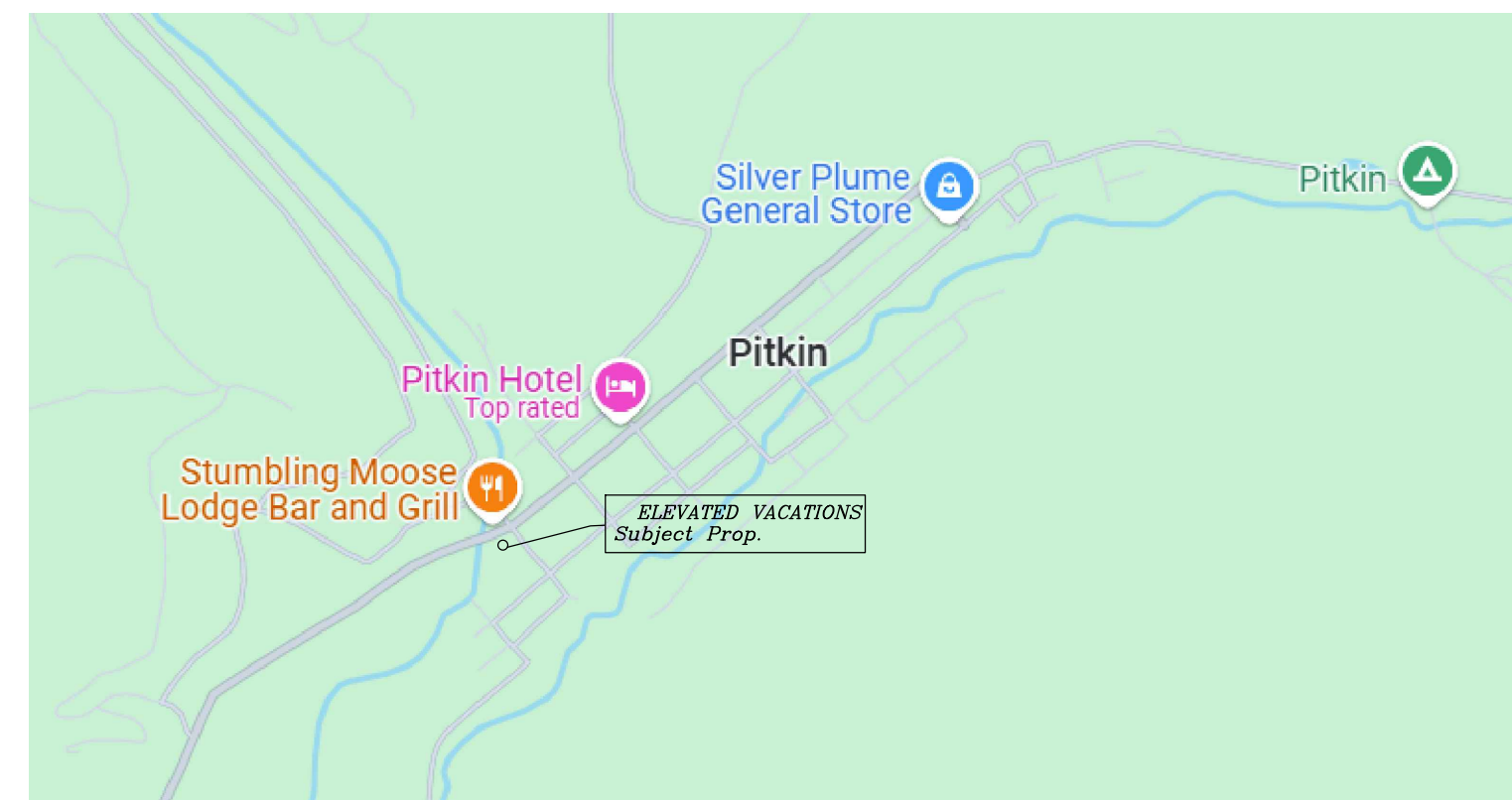
FEE SCHEDULE

Building Permit _____
Other _____
Total Amount Due _____



SITE PLAN
SCALE: 1" = 20.0'

DESIGN NOTES ARE SHOWN BELOW TO EXHIBIT THAT THE SIZE OF THE EXISTING SEPTIC SYSTEM IS ADEQUATE TO SUPPORT THE PROPOSED LOADING OF THE BUNKHOUSE:



LOCATION MAP
SCALE: N.T.S.

THE INSTALLED SEPTIC SYSTEM WAS SIZED TO ACCOMMODATE A 4-BEDROOM RESIDENCE. THE CALCULATIONS ARE SHOWN BELOW:

- 4 BEDROOMS RESIDENCE
- DESIGNED FLOWS: 4 BEDROOMS=525 GPD (PER TABLE 6-1) SEPTIC TANK SIZE: (TABLE 9-1)
- 4 BEDROOMS = 1250-GALLON TANK, USE 1500 GALLON TANK

A. SYSTEM SIZING: SOIL TYPE 1, PRESSURE DOSED BED, USING 2' X 4' ELIEN A42 MODULES = 525 GPD
SOIL TYPE 1, TREATMENT LEVEL 1, HYDRAULIC LOADING RATE = 0.80 GAL/DAY(LTAR APPLIED FOR SECONDARY SAND MEDIA)
525 GPD/0.80GPD/SF = 656.25 SF

TABLE 10.2 AND 10-3: SIZE ADJUSTMENT FACTORS PROVIDED IN TABLES 10-2 AND 10-3 ARE NOT APPLICABLE FOR SAND FILTERS.

DESIGN AREA=525 GPD/0.80 = 656.25 SF

• NUMBER OF ELIEN A42 MODULES: 656.25 SQ. FT. / 16 SQ. FT. PER CHAMBER = 41.01, USE 44

THE BUNKHOUSE IS PLANNED TO ACCOMMODATE 2 SMALL BATHROOMS, WHICH WILL INCLUDE A TOILET AND A SINK IN EACH. DUE TO THE PROPOSED USES OF THE NEWLY PROPOSED BUILDING, LOADING VALUES SHALL BE APPLIED, PER PERSON, FROM TABLE 6.2. THE VALUES APPLIED SHALL BE FOR LAVATORY (SINK) USE AND WATER CLOSET (TOILET) USE. SIXTEEN (16) PEOPLE, ON AVERAGE, HAVE BEEN ALLOCATED FOR USING THE BATHROOMS EACH DAY.

- 1. LAVATORY (SINK) (8.4 GPD/PP)
8.4 GPD/PP X 16 PERSONS= 134.4 GPD
- 2. WATER CLOSET (TOILET) (24.8 GPD/PP):
24.8 GPD X 16 PERSONS=396.8 GPD
- TOTAL: 134.4 GPD + 396.8 GPD = 531.2 GPD**
- THE HYDRAULIC LOADING RATE (LTAR) FOR SECONDARY SAND MEDIA = 0.80 GAL/DAY
531.2 GPD/0.80 GPD/SF = 664 SF

SEPTIC TANK SIZE: SECTION 9.B.2.B "FOR MULTIFAMILY AND NONRESIDENTIAL APPLICATIONS, A SEPTIC TANK SHALL BE SIZED TO PERMIT DETENTION OF INCOMING WASTEWATER DESIGN FLOWS FOR A MINIMUM OF 48 HOURS"

$D_T \geq (48 \text{ HRS} \times 664 \text{ GPD} / 24 \text{ HOURS} = 1328 \text{ GALLONS}$

THE TANK SIZE OF THE INSTALLED 1500 GALLONS IS ADEQUATE.

NUMBER OF ELIEN MODULES: 664 SQ. FT. / 16 SQ. FT. PER CHAMBER = 41.5, THE EXISTING SOIL TREATMENT AREA HAS 44 ELIEN MODULES AND THEREFORE THE SOIL TREATMENT AREA'S SIZE IS ADEQUATE.

Sub #	Date	Description	By	Chk'd
1	4.7.25	Issued for Building Permit	SLB	BB

SB DESIGN AND DRAFTING
Serving the Gommison Valley
sbdesignanddrafting@gmail.com
719-331-3847

ELEVATED VACATIONS, LLC
LOTS 17-26 AND PART OF ADJACENT ALLEY
AND STREET, BLOCK 48, PITKIN, CO.

SITE PLAN

DATE: 4/7/2025

Designed SB	Drawn SB	Checked BB
-------------	----------	------------

Date:

Scale: Horiz: SEE PLAN
Vert: N/A

Project No: 25-04725

Sheet:

S 1.1