

It appears that this is the original septic permit from '82 for the existing 6-bedroom house. This will serve as a placeholder for now if an updated septic permit is not attainable at this stage/prior to this special use approval. Please note, however, that an updated septic permit will be required either prior to approval of this project, or prior to building permit issuance as a conditional of approval for this project.

Environmental Health Division

1675 W. Garden of the Gods Rd., Suite 2044
 Colorado Springs, CO 80907
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Protect

**CONVENTIONAL (NON-ENGINEERED)
 ON-SITE WASTEWATER TREATMENT SYSTEM (OWTS) DESIGN WORKSHEET
 (MUST BE COMPLETED FOR ALL CONVENTIONAL DESIGNS)**

Wastewater Flow

Total number of bedrooms:	<u>6</u>
Design wastewater flow (gallons/day) from Table 6-1:	<u>675</u>

Septic Tank

Septic tank size (in gallons) from Table 9-1:	<u>2250</u>
Tank burial depth (from top of tank, in inches) <small>(NOTE: Shall not exceed 48 inch depth by regulation)</small>	<u>12" - 48"</u>
Will groundwater affect tank?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Will an effluent screen be installed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<small>(Note: Effluent screens are required for all new systems or replacement of the septic tank)</small>	

Soil Treatment Area (STA)

Long Term Acceptance Rate (LTAR) From Table 10-1:	<u>.80</u>
Unadjusted STA size (see 8.10.C.4) – show calculation: <u>Design flow (gallons per day)</u> LTAR (gallons/day/sq.ft.) =	<u>675 ÷ .8 = 844</u>
Depth of STA (cannot exceed 48"):	_____
Trenches are preferred. If bed system is selected, the selection reason must be specified:	_____
Type of STA (check which applies): <input checked="" type="checkbox"/> Trench <input type="checkbox"/> Bed	FOR REPAIRS ONLY (check which applies): <input type="checkbox"/> Wide Bed (more than 12 feet wide) <input type="checkbox"/> Deep Gravel Trenches <input type="checkbox"/> Seepage Pit <input type="checkbox"/> None of the Above

Septic Permit Updated_V1.pdf Markup Summary

Sophie Kiepe (1)



Subject: Architect
Page Label: 1
Author: Sophie Kiepe
Date: 2/16/2021 4:22:41 PM
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0036528
EL PASO COUNTY HEALTH DEPARTMENT
SAND SPRINGS, COLORADO
DISPOSAL INSPECTION FORM

#1516
DATE 7/28/82
ENVIRONMENTALIST Krueger

1675 W. Garden of the Gods Rd., Ste. 2044, Colorado Springs, CO 80907

LOCATION (Street Number) 1622 Stero Ave. OCCUPANT _____

LEGAL DESCRIPTION Lot D Block C Springcrest

TYPE OF CONSTRUCTION Dwelling NO. OF BEDROOMS 3

SYSTEM INSTALLED BY Merrill Weeks

COMMERCIAL MFG. yes SIZE 1250

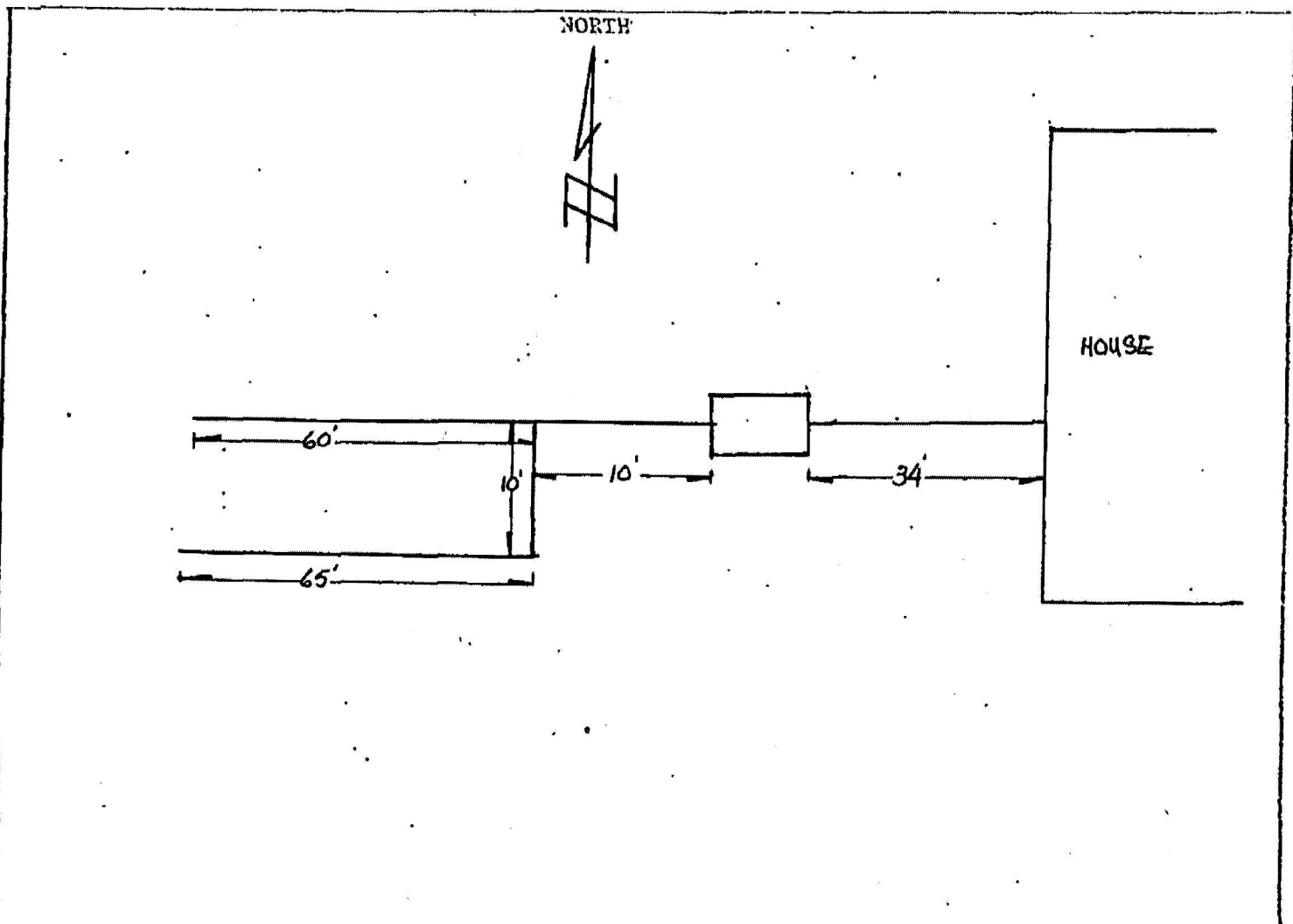
TYPE OF MATERIAL concrete NO. COMPARTMENTS 2

WIDTH _____ LENGTH _____ DEPTH (total) _____ LIQ. CAP. _____

DISPOSAL FIELD: BED OR TRENCH DEPTH 30"-36" WIDTH 36" LENGTH 125' SQ. FT. 375

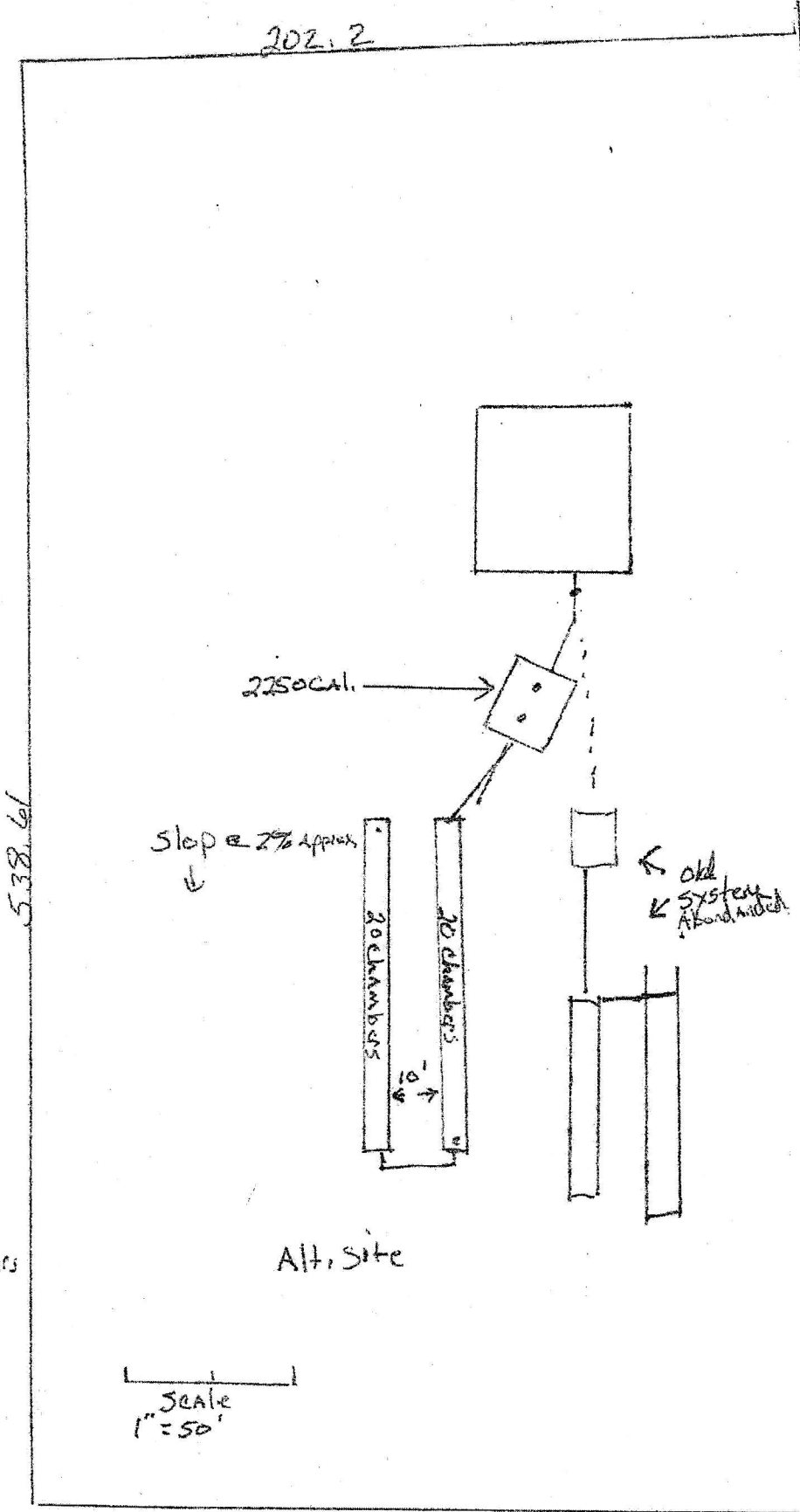
DISTANCE BETWEEN LINES 10' ROCK cr. quarry DEPTH 12" UNDER 6" OVER 2"

LEACHING PITS (NO.) _____ LINING MATERIAL _____ CAPACITY SQ. FT. _____



-N

202.2



6 Bedroom House
 $675 \div .8 = 844$
 $844 \times .7 = 591$
 $591 \div 15 = 40 \text{ chambers}$

538.91

From house to tank

- * Tie into old sewer li
- * Cleanout within 5 of house
- * Install new 2250 Gal. tank, Riser + Lids to grade, water!
- * Pump + collapse old tank
- * Install 3" pipe from tank to new tie
- * Install 2 rows of chambers, 20 chambers in each row.
- * Rows 10' apart
- * Inspection ports at End of each Row.

202.2