SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Div. Environmental Health, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation: LAMOINE

Street or Road: BOULDER COVE DRIVE

Subdivision, Lot #: LOT #11

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City: Lamoine Permit #: 1982

Date Permit Issued: 1/7/2020 Fee $: 265 Double Fee Charged ( )

Local Plumbing Inspector Signature L.P.I. #: 394

Fee: $ 265 state min. fee $ _____ Locally adopted fee

Copy: ☐ Owner ☐ Town ☒ State

The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.

Municipal Tax Map #: 3 Lot #: 12-11

OWNER/APPLICANT INFORMATION

Name (last, first, MI): BELCH, TONY ☒ Owner ☐ Applicant

Mailing Address of ☒ Owner ☐ Applicant: c/o PEBBLE BROOK CONSTRUCTION, 7 CARLISLE ST. UNIT 3, ELLSWORTH, ME 04605

Daytime Tel. # / email address: (207) 460-0651

OWNER OR APPLICANT STATEMENT

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.

Signature of Owner or Applicant — Date: 1/6/20

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application. _____ (1st Date Approved)

Local Plumbing Inspector Signature — (2nd Date Approved)

PERMIT INFORMATION

TYPE OF APPLICATION

☒ 1. First Time System
☐ 2. Replacement System
Type Replaced: _____
Year Installed: _____
☐ 3. Expanded System
☐ a. Minor Expansion <25%
☐ b. Major Expansion ≥ 25%
☐ 4. Experimental System
☐ 5. Seasonal Conversion

SIZE OF PROPERTY

☐ sq. ft.
1.058 ☒ acres

SHORELAND ZONING

☒ Yes ☐ No

THIS APPLICATION REQUIRES

☒ 1. No Rule Variance
☐ 2. First Time System Variance
☐ a. Local Plumbing Inspector Approval
☐ b. State & Local Plumbing Inspector Approval
☐ 3. Replacement System Variance
☐ a. Local Plumbing Inspector Approval
☐ b. State & Local Plumbing Inspector Approval
☐ 4. Minimum Lot Size Variance
☐ 5. Seasonal Conversion Permit

DISPOSAL SYSTEM TO SERVE

☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 4
☐ 2. Multiple Family Dwelling, No. of Units: _____
☐ 3. Other: (SPECIFY) _____

Current Use: ☐ Seasonal ☐ Year Round ☒ Undeveloped

DISPOSAL SYSTEM COMPONENT(S)

☒ 1. Complete Non-engineered System
☐ 2. Primitive System (graywater & alt. toilet)
☐ 3. Alternative Toilet, specify: _____
☐ 4. Non-engineered Treatment Tank (only)
☐ 5. Holding Tank, _____ gallons
☐ 6. Non-engineered Disposal Field (only)
☐ 7. Separated Laundry System
☐ 8. Complete Engineered System(2000 gpd or more)
☐ 9. Engineered Treatment Tank (only)
☐ 10. Engineered Disposal Field (only)
☐ 11. Pre-treatment, specify: _____
☐ 12. Miscellaneous components

TYPE OF WATER SUPPLY

☒ Proposed ☐ Existing
☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
☐ 4. Public ☐ 5. Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

☒ 1. Concrete
☒ a. Regular (WITH LIFT STATION)
☐ b. Low Profile
☐ c. with lift station
☒ d. monolithic
☐ e. two compartment
☐ 2. Plastic
☐ 3. Other: _____
CAPACITY 1000 gallons

DISPOSAL FIELD TYPE & SIZE

☒ 1. Stone Bed ☐ 2. Stone Trench
☐ 3. Proprietary Device _____
☐ a. Cluster Array ☐ c. Linear
☐ b. Regular load ☐ d. H-20 load
☐ 4. Other: _____
SIZE 1000 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

☒ 1. No ☐ 2. Yes ☐ 3. Maybe
If Yes or Maybe, specify one below:
☐ a. Multi-compartment Tank
☐ b. _____ Tanks in Series
☐ c. Increase in Tank Capacity
☐ d. Filter on Tank Outlet

DESIGN FLOW

360 gallons per day
BASED ON
☒ 1. Table 4A (dwelling unit(s)
☐ 2. Table 4C (other facilities)
SHOW CALCULATIONS for other facilities
☐ 3. Section 4G (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION
5 / B
at Observation Hole # TP1
Depth > 48"
OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD SIZING

☒ 1. Medium -- 2.6 sq. ft./gpd
☐ 2. Medium-Large -- 3.3 sq. ft./gpd
☐ 3. Large -- 4.1 sq. ft./gpd
☐ 4. Extra Large -- 5.0 sq. ft./gpd

EFFLUENT/EJECTOR PUMP

☐ 1. Not Required
☐ 2. May be Required
☒ 3. Required
Specify only for engineered systems
DOSE: _____ gallons

LATTITUDE AND LONGITUDE

at center of disposal area
Lat. 44 d 23 m 27 s N
Lon. 68 d 27 m 24 s W
if g.p.s., state margin of error 20

SITE EVALUATOR STATEMENT

I certify that on 11/29/19 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature — SE#: 213 — Date: 12/02/19

Site Evaluator Name Printed: STEPHEN H. HOWELL — Telephone Number: (207) 825 - 4792 — E-mail Address: showellsoilsolutions@gmail.com

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

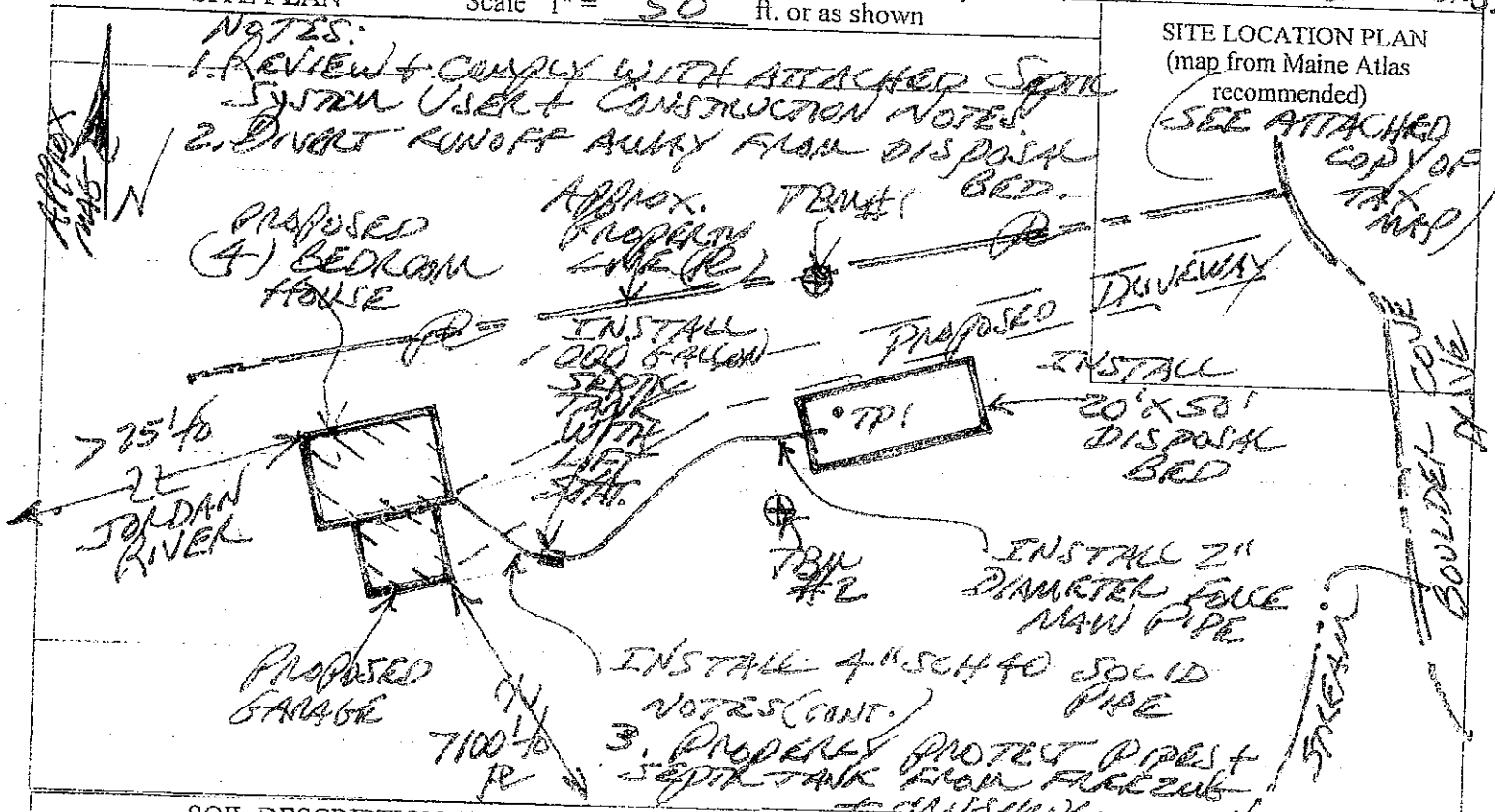
Town, City, Plantation: LAMOINE

Street, Road, Subdivision: LOT #11 BOULDER COVE DRIVE

Owner's Name: PEBBLEBROOK CONST.

SITE PLAN Scale 1" = 50 ft. or as shown

SITE LOCATION PLAN (map from Maine Atlas recommended): SEE ATTACHED COPY OF TAX MAP



SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP1 ☒ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	FINE SANDY LOAM	FRIABLE	BROWN	NONE
10–20	LOAMY SAND		LIGHT YELLOWISH BROWN	
20–30			OLIVE BROWN	
30–40				
40–50				

LIMIT OF OBSERV = 48"

Soil Classification	Slope	Limiting Factor
5 B (Profile / Condition)	1-5%	48" [ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [X] Pit Depth

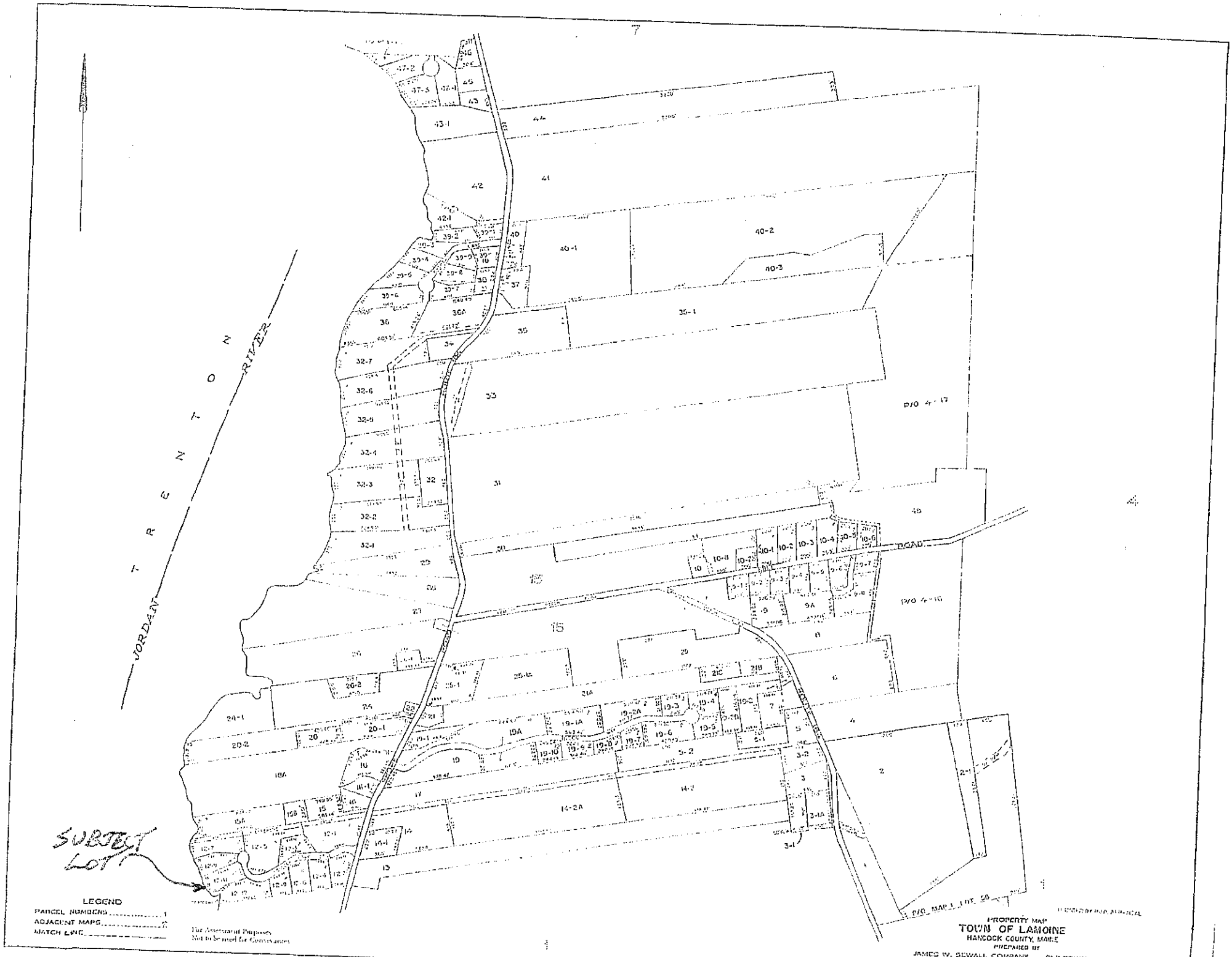
Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10				
10–20				
20–30				
30–40				
40–50				

Soil Classification	Slope	Limiting Factor
Profile / Condition	%	" [ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Site Evaluator Signature: _____ SE #: #23 Date: 12/02/19


JORDAN TRENTON RIVER
ROAD
P/O 4-17
P/O 4-16
P/O MAP 1 LOT 50
SUBJECT LOT
LEGEND
PARCEL NUMBERS
ADJACENT MAPS
MATCH LINE
For Assessment Purposes
Not to be used for Conveyances
PROPERTY MAP
TOWN OF LAMOINE
HANCOCK COUNTY, MAINE
PREPARED BY
JAMES W. SEWALL COMPANY OLD TOWN, MAINE
SCALE 1 INCH = 400 FEET

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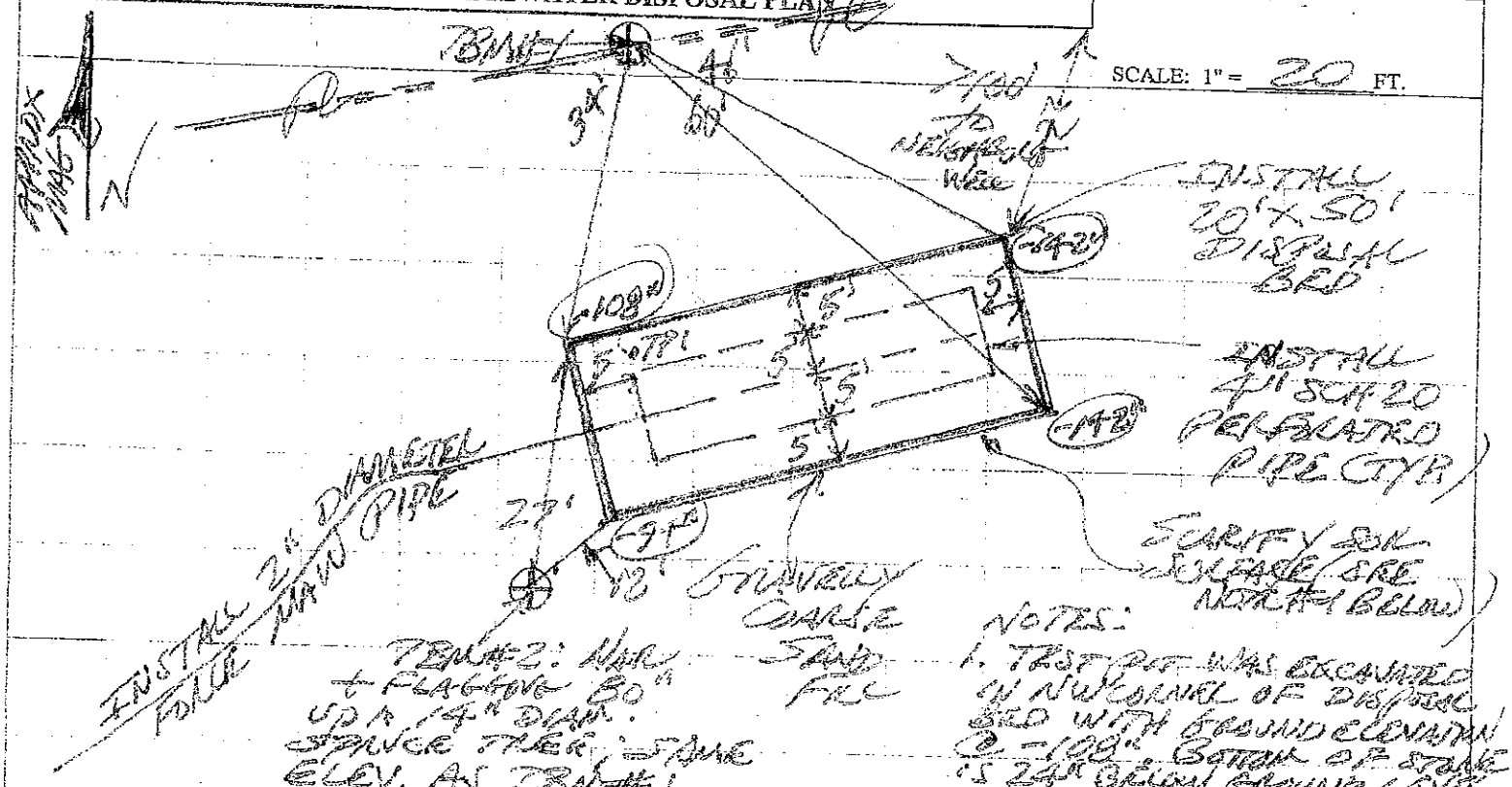
Street, Road, Subdivision: LOT #11 BOULDER COVE DRIVE

Owner's Name: PEBBLEBROOK CONST.

SUBSURFACE WASTEWATER DISPOSAL PLAN

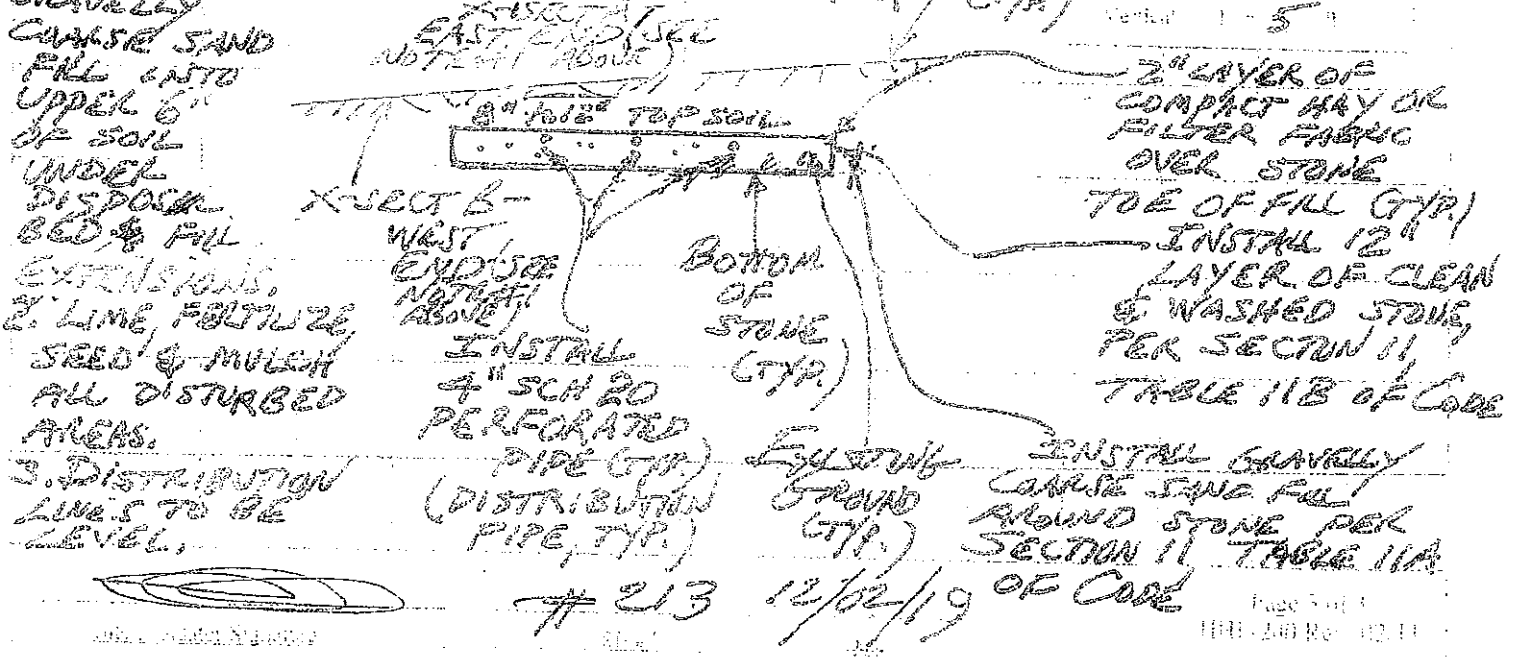
SCALE: 1" = 20 FT.



NOTES:
1. TEST PIT WAS EXCAVATED IN NW CORNER OF DISPOSAL BED WITH GROUND ELEVATION @ -100". BOTTOM OF STONE IS 24" BELOW GROUND LEVEL @ TP1

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		
Depth of Fill (Upslope)	0"	Finished Grade Elevation	-100"	ELEVATION REFERENCE POINT (TBM #1)
		Top of Distribution Pipe or Proprietary Device	-121"	Location & Description: UP NAIL + FLAGTAPE
Depth of Fill (Downslope)	0"	Bottom of Disposal Area	-132"	Reference Elevation: = 0"

NOTES:
1. SCARIFY SOIL SURFACE & MIX GRAVELLY COARSE SAND FILL INTO UPPER 6" OF SOIL UNDER DISPOSAL BED & FILL EXTENSIONS.
2. LIME, FERTILIZE, SEED & MULCH ALL DISTURBED AREAS.
3. DISTRIBUTION LINES TO BE LEVEL.



213 12/02/19

Page 3 of 4
HHE-200 Rev. 10/11