Coppersmith, Gilbert

ORIGINAL To be sent to Division of Health Engineering, Augusta, Maine 04333 by the LPI

MAINE DEPARTMENT OF HUMAN SERVICES APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT	(For systems disposing of less than 2000 gallons per day)	This is NOT a permit; this form when completed must be presented to the Local Plumbing Inspector to obtain a permit.	Page 1 of 2

Town	Street, Road, etc.	Permit No.	Date
AUGUSTA	PLEASANT HILL ROAD (If on water body, give name)	15033M	11-12-76

Owner of property: GILBERT COPPERSMITH
Owner's address:
Size of lot: 10,500 ☒ Sq. feet ○ Acres

Name & type of establishment if other than private home: _____ gpd
Is lot Zoned? ☒ Yes ○ No
Type of Zoning: ○ Shoreland ○ Resource Protection ☒ Residential

Name of applicant Owner's agent:
Applicant's address Street, Box, etc.:
Tel. No.: 623-8957
Town:
zip code: 04330
Applicant's signature / Owner's signature X: Gilbert Coppersmith
Date: 11-12-76

If you plan to use a previous subdivision approval in lieu of site investigation, please submit one of the following:
○ Deed restriction re. private sewage disposal
○ Copy of the subdivision's soils report
○ Soils report from a State Agency

Subdivision name: —
Lot No.: —

This application is for: ○ New System ○ Expanded System ☒ Replacement System ○ Replacement of ○ Treatment Tank Only ○ Disposal Area Only

The water supply for this property is: ○ Dug well, depth _____, lining _____; ○ Drilled well, depth _____, lining _____; Spring ○ depth _____, lining _____; Surface water ○ Body, ○ Course—○ with disinfection, ○ without disinfection. ☒ Public Utility, name Aug. Wat. District

SITE INVESTIGATION

Show location of pits and/or borings on sketch on page 2, and refer to completed sample form and Chapter 4 of the Code, II.

	Soil Profile No. 1	Soil Profile No.	Soil Profile No.	Soil Profile No.	Soil Profile No.
	☒ Pit ☐ Boring	☐ Pit ☐ Boring	☐ Pit ☐ Boring	☐ Pit ☐ Boring	☐ Pit ☐ Boring
Description of data encountered / Thickness of each so.	Organic strata Inches 0	Organic strata Inches	Organic strata Inches	Organic strata Inches	Organic strata Inches
	1st strata Brown Sandy loam Inches 2"	1st strata Inches	1st strata Inches	1st strata Inches	1st strata Inches
	2nd strata Clay fill Inches 34"	2nd strata Inches	2nd strata Inches	2nd strata Inches	2nd strata Inches
	3rd strata Fine Sandy loam Inches 8"	3rd strata Inches	3rd strata Inches	3rd strata Inches	3rd strata Inches
Depth from bottom of organic horizon to:	Total Depth of observation hole Inches 44"	Total Depth of observation hole Inches	Total Depth of observation hole Inches	Total Depth of observation hole Inches	Total Depth of observation hole Inches
	Max. Ground water table—mottling ☒ None Evident Inches	Max. Ground water table—mottling ○ None Evident Inches	Max. Ground water table—mottling ○ None Evident Inches	Max. Ground water table—mottling ○ None Evident Inches	Max. Ground water table—mottling ○ None Evident Inches
	Impervious layer, clay, etc. ○ None Evident 2" Inches	Impervious layer, clay, etc. ○ None Evident Inches	Impervious layer, clay, etc. ○ None Evident Inches	Impervious layer, clay, etc. ○ None Evident Inches	Impervious layer, clay, etc. ○ None Evident Inches
	Bedrock ☒ None Evident Inches Type of Bedrock	Bedrock ○ None Evident Inches Type of Bedrock	Bedrock ○ None Evident Inches Type of Bedrock	Bedrock ○ None Evident Inches Type of Bedrock	Bedrock ○ None Evident Inches Type of Bedrock
	Surface slope 4 %	Surface slope %	Surface slope %	Surface slope %	Surface slope %
	Soil Group & Condition per Table 9-1 of the Code, II *	Soil Group & Condition per Table 9-1 of the Code, II	Soil Group & Condition per Table 9-1 of the Code, II	Soil Group & Condition per Table 9-1 of the Code, II	Soil Group & Condition per Table 9-1 of the Code, II

On 11-5-76 (date), a site investigation for this project was completed. I conducted this soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the following type and size of private sewage disposal system. I also recommend the proposed private sewage disposal system layout and location shown on page 2.

Signature: Stephen E. Fournier P.E. #3260
Date signed: 11-30-76
Health Engineering License No.:

STATE OF MAINE — STEPHEN E. FOURNIER 3260 — PROFESSIONAL ENGINEER

PRIVATE SEWAGE DISPOSAL SYSTEM PROPOSED

Show location of system and details on sketches on page 2, and refer to completed sample form

SYSTEM:
☒ COMBINED SYSTEM
○ SEPARATED SYSTEM
If separated system—type of human waste disposal system to be used:
○ Sealed Vault Privy
○ Open Pit Privy
○ Compost Toilet
○ Incinerator Toilet
○ Chemical Toilet
○ Other, describe

See Chapter 9 of the Code, II.

TREATMENT TANK:
☒ Septic Tank
☒ Concrete
○ Fiberglas
○ Metal
Size in gallons: 1000

○ Aerobic Tank
Manufacturer—
Model No.
Size in gallons

SUBSURFACE ABSORPTION AREA

Type:
○ Trench System: Total trench length. _____
☒ Bed System Length 50 Width 20'
○ Chamber System Number ○ Type A ○ Type B ○ Single File ○ Cluster
○ Mound System Length Width at base
○ Special System Length Width

Size:
○ Very Small
○ Small
○ Medium
○ Medium Large
☒ Large
○ Extra Large

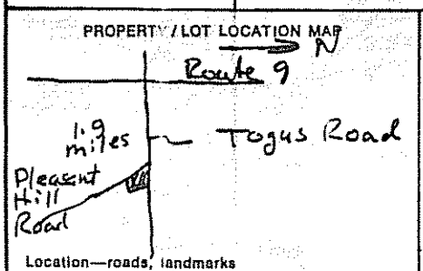
WAIVER
☒ Required * See attached sheet
○ Not Required

SITE MODIFICATION
Fill will be: 6 in. uphill; 24 in. downhill

DETAILS
☒ A Distribution Box is required
Pumping is—☒ required, ○ is not required.
The Dose will be _____ gallons

DISTANCES
☒ Yes ○ No: The proposed subsurface absorption area will be located at least 100 feet from any and all wells; springs; surface water bodies and courses (lake, pond, ocean, brook, stream, river); swamps; marshes; and bogs.
☒ Yes ○ No: The proposed subsurface absorption area will be located at least 300 feet from any and all wells and springs producing 2000 gallons or more of water per day and any public water supplies.

PROPERTY / LOT LOCATION MAP



Location—roads, landmarks

FOR THE USE OF LPI ONLY

○ Denial: Application is denied for following reasons; portions of the Code II are cited.
Form is incomplete (_____ pg.) as to ○ General info, ○ Site Investigation, ○ System Proposed, ○ Site Plan, ○ Disposal System Plan, ○ Cross-Section, ○ Statement. See Section 2.3.
○ Site Investigation indicates site is ○ totally unsuitable for disposal system; Sections 4.5 and 9.5, Table 9-1 Group 9 and 10. ○ Unsuitable for system proposed; Sections 4.3, 4.6, 9.5, Table 9-1.
○ System Proposed does not conform to Code; See Sections 9. _____
○ Site investigation indicates site modifications are necessary; See Sections ○ 4.3, ○ 4.4, ○ 4.6, ○ 8.7, ○ _____
☒ Miscellaneous SEE WAIVER See Section 4-7
○ Acceptance: Application for permit is approved ○ with condition specified, comply with Section _____ ○ without condition.
Signed LPI: Richard G. Baker Date 11-12-76

HHE-200 5/76

* see attached sheet

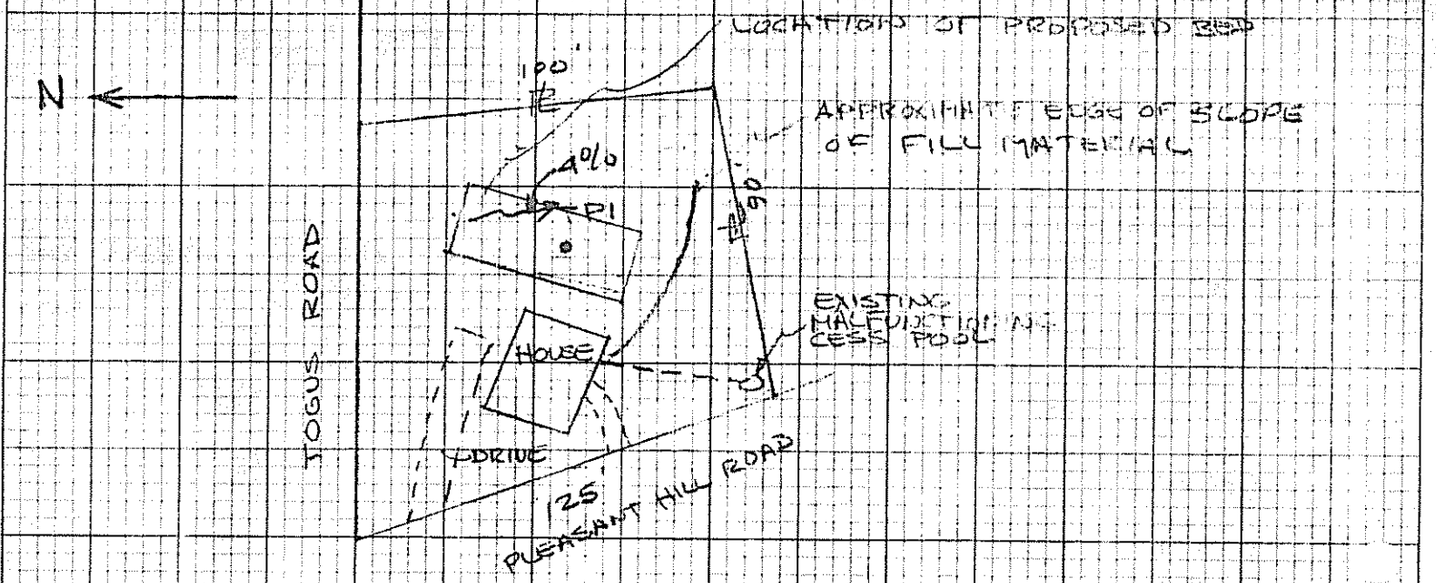
APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT

(For systems disposing of less than 2000 gallons per day)

Town	Street, Road, etc. If on water body, give name	Owner of property
AUGUSTA	PLEASANT HILL ROAD	GILBERT COPPERSMITH

Site Plan

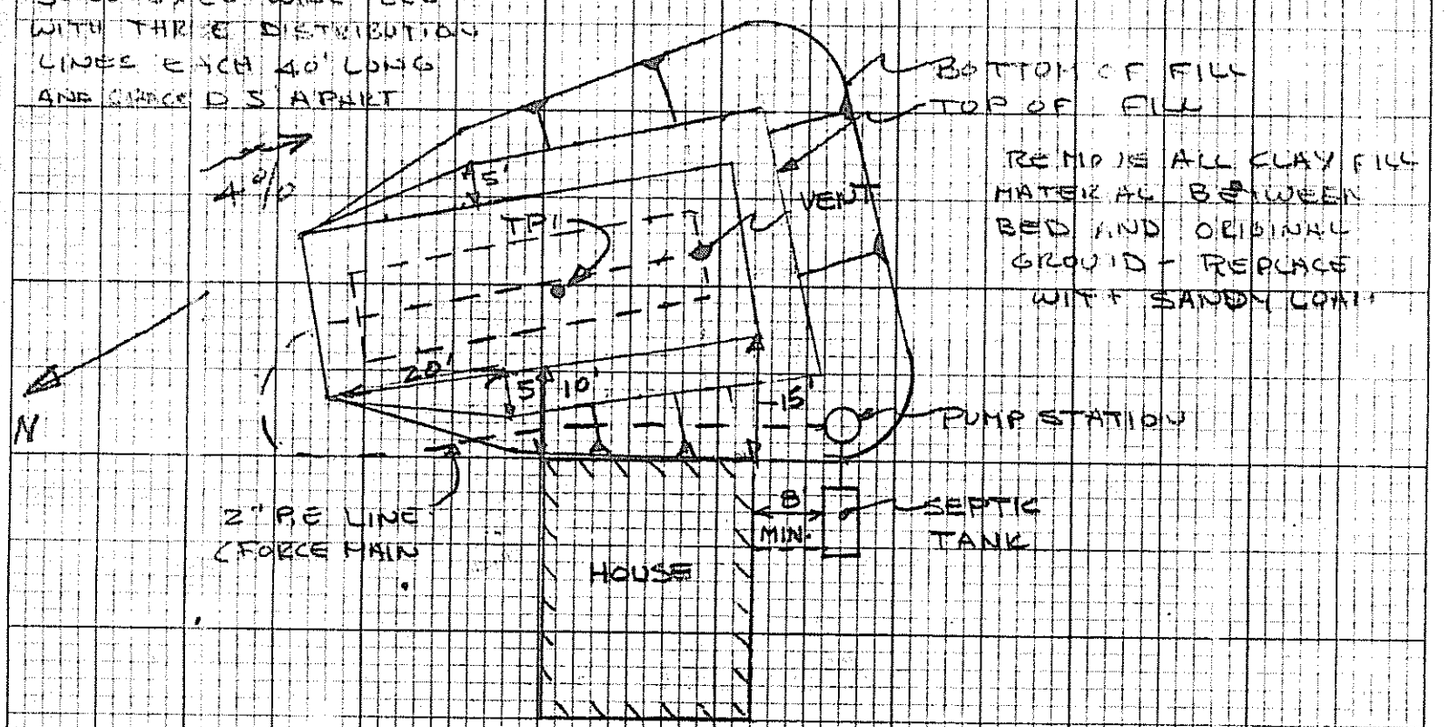
Scale 1" = ~~100~~ Ft. or 50'



Private Sewage Disposal Plan

Scale 1" = 20' or _____

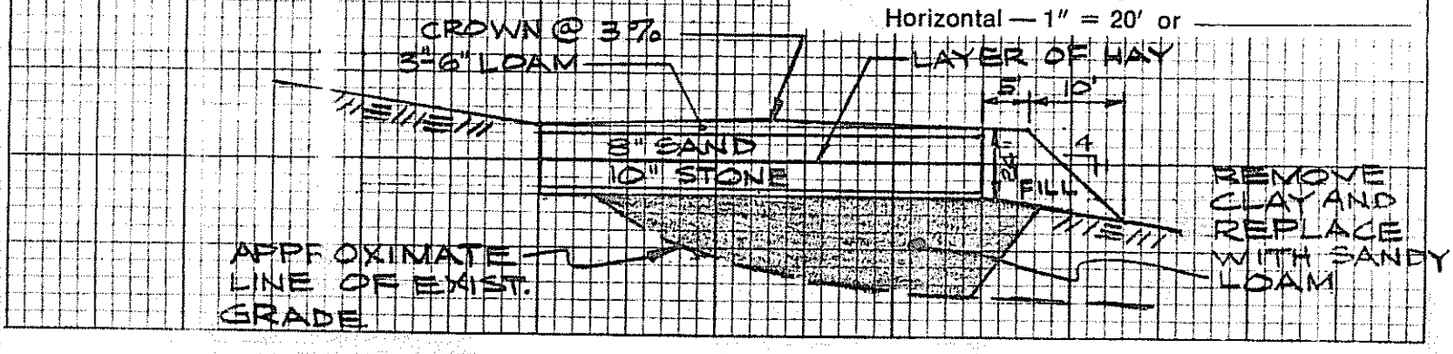
50' LONG x 20' WIDE BED WITH THREE DISTRIBUTION LINES EACH 40' LONG AND SPACED 5' APART



Subsurface Absorption Area Cross-section

Scale: Vertical — 1" = 5' or _____

Horizontal — 1" = 20' or _____



HHE - 200 5/76

Statement: (no permit may be issued unless signed)

I certify that all the information submitted to be true and correct; and I understand that issuance of a permit is based upon the information and plans submitted by the applicant. I also understand that any falsification of this application is reason to deny a permit to install a private sewage disposal system and that the permit is valid for a six (6) month period from the date of permit issuance. I understand that no guarantee is intended or implied by reason of any advice or approval given by the Administrative Authority or its agent.

Signature Required

Date: 11-12-76

Applicant: [signature]

Owner: [signature]

1-76-129

LOCAL WAIVER FORM

ORIGINAL To be sent to Division of Health Engineering, Augusta, Maine 04333 by the LPI

THE PURPOSE OF THIS AGREEMENT IS TO ASSIST INDIVIDUALS IN REPLACING EXISTING MALFUNCTIONING SEWAGE SYSTEMS OR CORRECTING EXISTING DIRECT OVERBOARD DISCHARGE SYSTEMS

Town	Street, Road, etc.	Plumbing Permit No.
AUGUSTA	PLEASANT HILL ROAD	15033M

Owner of property	Telephone No.
GILBERT COPPERSMITH	623-8957

Owner's address Street, Box, etc.: PLEASANT HILL ROAD

Town	State	Zip code
AUGUSTA	MAINE	04330

LOCAL WAIVER FOR CORRECTING EXISTING MALFUNCTIONING OR OVERBOARD DISCHARGE SYSTEMS

OWNER PROPOSES: to ☐ repair, ☐ expand, or ☒ replace an existing malfunctioning sewage disposal system, or ☐ replace an overboard discharge system which has been in existence since _____ and serves a ☐ seasonal or ☒ year-round single family dwelling on a 10,500 sq. ft. lot with category X soils (per table 9-1 Maine State Plumbing Code).

see attached sheet

THE OWNER'S PROPOSAL MEETS THE CODE EXCEPT FOR SECTIONS NOTED BELOW

SECTION 4.3 SOILS

☐	MOTTLING:	To reduce the 15 inches below the organic layer requirement to _____ inches. (Nothing closer than 10 inches is to be allowed)
☐	IMPERVIOUS LAYER:	To reduce the 15 inches below the organic layer requirement to _____ inches. (Nothing closer than 10 inches is to be allowed)

SECTION 4.7 DISTANCES - DISPOSAL AREA FROM -

☐	SURFACE WATER:	Normal high water mark of any ☐ tidal water, ☐ swamp, ☐ bog, ☐ marsh, ☐ lake, ☐ pond, ☐ river, ☐ stream, or ☐ similar watercourse. To reduce the 100 foot requirements to _____ feet. (Nothing closer than 60 feet is to be allowed)
☐	OWNER'S WELL:	To reduce the 100 foot requirement to _____ feet. (Nothing closer than 75 feet is to be allowed, and no waiver is allowed on neighbor's well)
☒	BUILDINGS:	To reduce the 20 foot requirement to 10' feet. (Nothing closer than 15 feet in the case of full basement and 10 feet in the case of slab construction is to be allowed)
☐	PROPERTY LINE:	To reduce the 10 foot requirement to _____ feet. (Nothing closer than 5 feet is to be allowed) This is applicable only if soil conditions are in category "B".

SECTION 4.7 DISTANCES - TREATMENT TANK FROM -

☐	OWNER'S WELL:	To reduce the 100 foot requirement to _____ feet. (Nothing closer than 50 feet is to be allowed) (No waiver allowed on distances to a neighbor's well)

SECTION 9.1

☐	HOLDING TANK FOR SEASONAL DWELLINGS	Requesting permission to install a 1500 gallon holding tank. The tank is to be constructed in a manner specified in Section 7.6 with the associated alarms accompanied by flow reducing valves for shower and sinks, and low volume toilets.

☒ SPECIAL SYSTEM - FILL AREA - SEE ATTACHED SHEET

HHE-204 5/76

STATEMENTS

STATEMENT OF OWNER

I, _____, the undersigned, am the owner of the property indicated in the application. I understand that the installation explained above and illustrated on the HHE-200 Form accompanying this request is not in total compliance with the Maine State Plumbing Code. This system is to replace an existing direct discharge or malfunctioning disposal system. Should the proposed replacement system malfunction or create any nuisance or environmental problems or affect my water supply, I release all concerned with this waiver provided they have performed their duties in a reasonable and proper manner. Further, should a malfunction occur, I will take every step possible to correct it.

x Robert Smith — Signature of Owner — 11-12-76 Date

STATEMENT OF SITE EVALUATOR

I, Stephen E. Fournier, the undersigned certify that the information I have submitted on the HHE-200 Form accurately represents the conditions that exist on the applicant's property. A waiver to the Maine State Plumbing Code is necessary since no system can be installed which will completely satisfy all Code provisions

STATE OF MAINE — STEPHEN E. FOURNIER — 3260 — PROFESSIONAL ENGINEER

Stephen E. Fournier — Signature of Site Evaluator — 11-10-76 Date

Municipality's Findings

The proposed system (does) (does not) conflict with any municipal or shoreland zoning ordinances, and has been shown to the Code enforcement Officer.

CONCLUSIONS:

I, Richard P. Baker, the undersigned, have visited the above property and find that it is not possible to conform to certain provisions of the Plumbing Code. The waiver request submitted by the applicant is the best alternative for a replacement subsurface sewage disposal system on this property.

Based upon my conclusions, I permit the installation of the sewage disposal system as proposed and shown on the HHE-200 Form.

Richard P. Baker — Signature of Local Plumbing Inspector — 11-12-77 Date

WAIVER CONDITIONS

A. APPLICABILITY. These variances relate to existing single family dwellings only. Any variances or waiver requests not covered in this agreement involving other types of structures or other conditions require submission to the Division for review. All local ordinances must be complied with.

B. SITE EVALUATOR'S RESPONSIBILITIES. The property shall be visited by a qualified site investigator who shall investigate the site and complete the HHE-200 Form recommending a sewage disposal system which can best conform with the requirements of the Code. The investigator shall inform his client that a waiver is required and indicate so on the HHE-200 FORM. He should then refer his client to the local Plumbing Inspector.

C. LOCAL PLUMBING INSPECTOR'S RESPONSIBILITIES. The Local Plumbing Inspector shall review the site evaluation FORM HHE-200 and complete the waiver request form attached. Once it is determined that the waiver request is the most practical approach to correcting the applicant's problem, the Local Plumbing Inspector shall see that the statement portions of the waiver form are completed by the homeowner and the site evaluator before giving final approval.

D. RECORDS. A copy of the waiver request forms and the associated HHE-200 FORMS shall be provided to the homeowner, the site evaluator, for the municipal files, and other copies determined to be necessary, with the original copy forwarded to the Division with a copy of the plumbing permit.

E. LOG OF WAIVERS ISSUED. The plumbing inspector shall maintain a chronological log of all waivers granted. The total of the waivers granted for each calendar year shall be noted in the annual report which is submitted to the town and to the Division.

F. SECTION OF THE CODE WHICH CAN BE WAIVED. The authority of issuing waivers at the municipal level is restricted to those sections specifically identified on the check-off portion of the waiver request form.

G. RESCINDING OF WAIVER RIGHTS. If the Division, in its review of these waivers, finds that a local plumbing inspector or site evaluator exceeds the limits and limitations spelled out in this agreement, the Division will remove this privilege from that individual.

H. HOLDING TANKS. The Local plumbing inspector is authorized to permit the use of holding tanks in replacement situations (not to include privies) where this is the most practical alternative to serve an EXISTING SEASONAL, SINGLE FAMILY DWELLING. A minimum of 1500 gallon holding tank, along with associated alarms, may be permitted by the local plumbing inspector.

1-76-129

SUPPLEMENTAL INFORMATION
FOR
SITE EVALUATION
GILBERT COPPERSMITH

SINCE MY INITIAL TO THE SITE TURNED UP NO WORKABLE SOLUTIONS WITHIN THE PLUMBING CODE, I CONTACTED MR. RUSS MARTIN, DIVISION OF HEALTH ENGINEERING, DEPARTMENT OF HUMAN SERVICES. ON NOVEMBER 9, 1976, ~~WE MAKE~~ BOTH MR MARTIN AND I MADE ~~AN~~ JOINT INSPECTION OF THE SITE.

AFTER MUCH DELIBERATION AND DISCUSSION, WE AGREED THAT A 20'X50' BED COULD BE INSTALLED WITH THE FOLLOWING CONDITIONS:

1) THE NORTH END OF THE BED WOULD BE ~~PLACED~~ LOCATED IN THE ORIGINAL SOIL AND WOULD BE BUILT FLUSH WITH THE GROUND (NO FILL).

2) THE SOUTH END OF THE BED WOULD REQUIRE 24" OF FILL.

3) ~~THE AREA D~~ THAT ALL OF THE CLAY FILL DIRECTLY BENEATH THE BED AREA ITSELF BE REMOVED DOWN TO THE ORIGINAL SOIL.

4) THAT SANDY LOAM SHALL BE USED AS FILL BETWEEN THE ORIGINAL GROUND AND THE BOTTOM OF THE BED.