Called Peachen Bldg 6-13 3:00 8/8 9:35

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

PROPERTY LOCATION

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

City, Town, or Plantation: Augusta

Street or Road: 205 Church Hill Road

Subdivision, Lot #: N/A

AUGUSTA PERMIT # 5844 TOWN COPY

Date Permit Issued: 6/13/06 $ 100.00 FEE ☐ Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 180T

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Sportsman's Alliance of Maine ☒ Owner ☐ Applicant

Mailing Address of Owner/Applicant: 205 Church Hill Road, Augusta, ME 04330

Daytime Tel. #: (207) 622-5503

Municipal Tax Map # 7 Lot # 48 RBV

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 8/8/06

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature — (1st) date approved — (2nd) date approved 7/6/06

PERMIT INFORMATION

TYPE OF APPLICATION

☐ 1. First Time System
☒ ② Replacement System
Type replaced: Stone Bed
Year Installed: 7
☐ 3. Expanded System
☐ a. Minor Expansion
☐ b. Major Expansion
☐ 4. Experimental System
☐ 5. Seasonal Conversion

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 COMPONENTS

☒ 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

SIZE OF PROPERTY

1.6± ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE

☐ 1. Single Family Dwelling Unit, No. of Bedrooms: ____
☐ 2. Multiple Family Dwelling, No. of Units: ____
☒ ③ Other: Offices / Meeting Room w/ infrequent food service
Current Use ☐ Seasonal ☒ Year Round ☐ Undeveloped

TYPE OF WATER SUPPLY

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 — Existing - to be moved or replaced
☒ ⓐ Regular
☐ b. Low Profile
☐ 2. Plastic
☐ 3. Other: ____
CAPACITY: 1000 GAL.

DISPOSAL FIELD TYPE & SIZE

☐ 1. Stone Bed ☐ 2. Stone Trench
☒ ③ Proprietary Device
☐ a. cluster array ☒ ⓒ Linear
☒ ⓑ regular load ☐ d. H-20 load
☐ 4. Other: ____
SIZE: 900 ☒ 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

240 gallons per day
BASED ON:
☐ 1. Table 501.1 (dwelling unit(s))
☒ 2. Table 501.2 (other facilities)
SHOW CALCULATIONS
— for other facilities —
3 Employees w/shower - 20 GPD ea.
Meeting area - up to 60 people @ 3 GPD
Total = 240 GPD
☐ 3. Section 503.0 (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
9	C	1

at Observation Hole # 1
Depth 18"
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

☐ 1. Small—2.0 sq. ft. / gpd
☐ 2. Medium—2.6 sq. ft. / gpd
☐ 3. Medium—Large 3.3 sq. ft / gpd
☐ 4. Large—4.1 sq. ft. / gpd
☒ ⑤ 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

SITE EVALUATOR STATEMENT

I certify that on 7/20/04 (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).

Kenneth G. Stratton — Site Evaluator Signature
157 — SE #
9/8/04 — Date
Rev. 6/2/04 KGS

Kenneth G. Stratton — Site Evaluator Name Printed
(207) 377-6068 — Telephone Number
fernfancier@hotmail.com — E-mail Address

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: Augusta

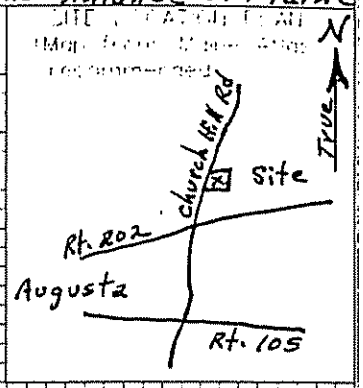
Street, Road, Subdivision: 205 Church Hill Road

Owner's Name: Sportsman's Alliance of Maine

SITE PLAN

Scale: 1" = ___ ft. or as shown

SITE LOCATION PLAN (Map from Maine Atlas recommended)



(See Attached Site Plan)

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

Observation Hole _____ ☒ Test Pit ☒ Boring

<1 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	Loam to silt loam	Friable	Brown	None
10	silt loam to silty clay loam		Yellow-brown	
20		Firm	Light olive to olive	Common + Distinct
30				
40				
50				

Soil Classification		Slope	Limiting Factor	
9 (Profile)	C (Condition)	7 %	18 "	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ 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				
20				
30				
40				
50				

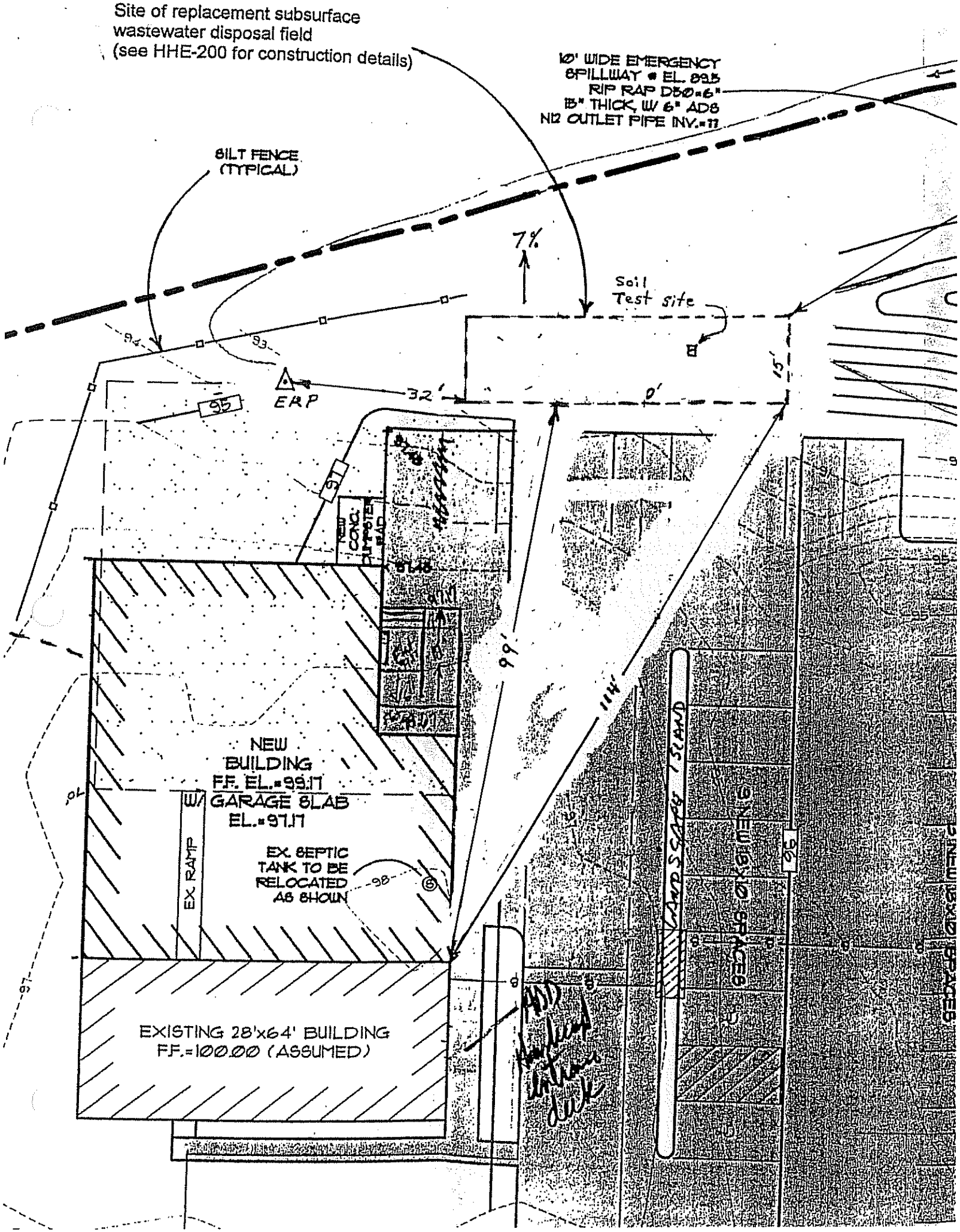
Soil Classification		Slope	Limiting Factor	
Profile	Condition	%	"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Kenneth G. Stratton — Site Evaluator Signature

157 — SE

9/8/04 — Date

Rev. 6/2/04 KGS



Site of replacement subsurface wastewater disposal field (see HHE-200 for construction details)
10' WIDE EMERGENCY SPILLWAY @ EL. 89.5
RIP RAP D50=6"
15" THICK, W/ 6" ADS
N12 OUTLET PIPE INV.=77
SILT FENCE (TYPICAL)
7%
Soil Test site
ERP
32'
0'
15'
95
97
NEW CONC. DUMPSTER PAD
99'
114'
NEW BUILDING
F.F. EL.=99.17
W/ GARAGE SLAB
EL.=97.17
EX. RAMP
EX. SEPTIC TANK TO BE RELOCATED AS SHOWN
98
EXISTING 28'x64' BUILDING
F.F.=100.00 (ASSUMED)
LANDSCAPE ISLAND
9 NEW 18'x10' SPACES
96

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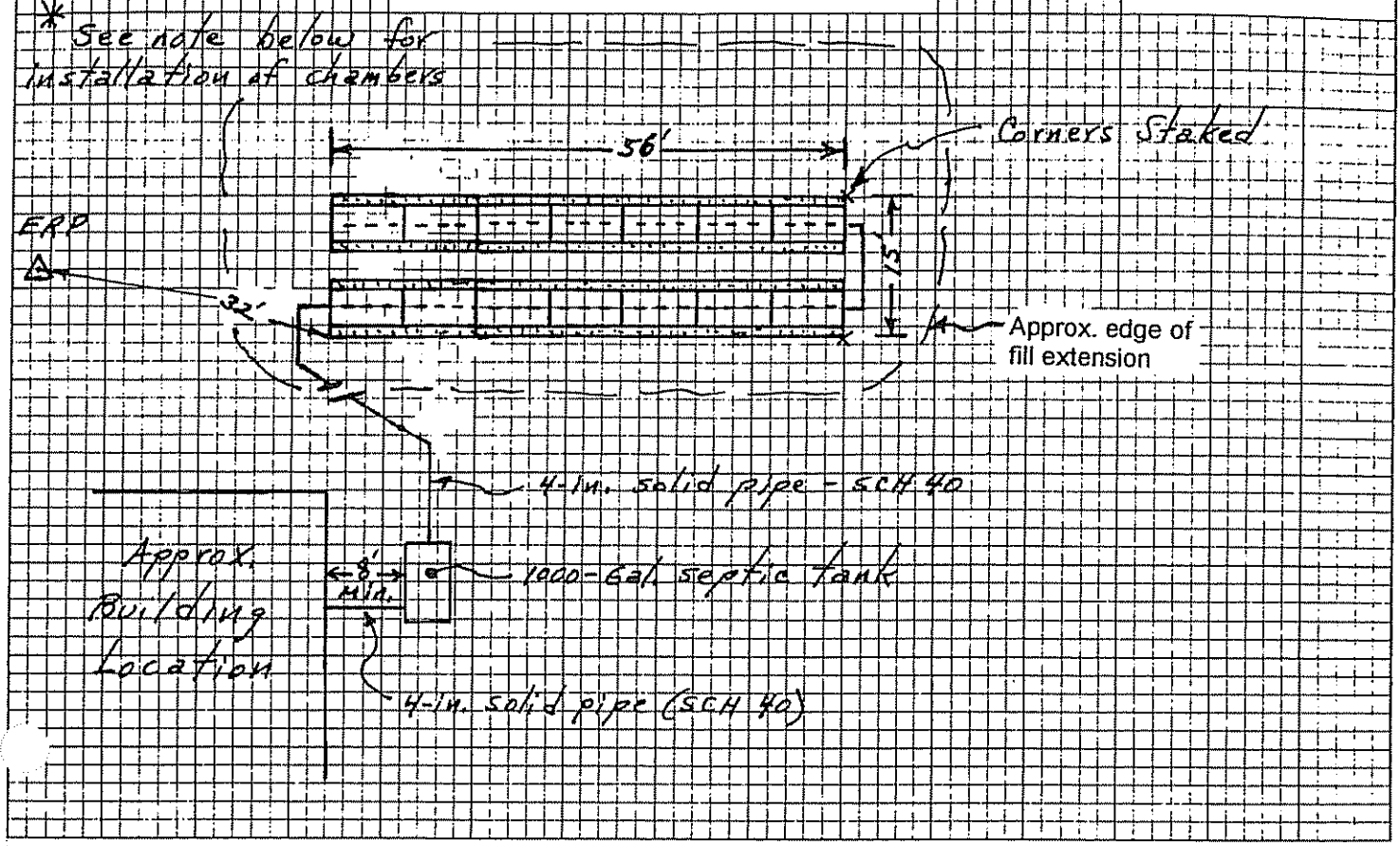
SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	18"	Finished Grade Elevation	(See Attached)	Location & Description	Nail in locust tree north of disposal site.
Depth of Fill (Downslope)	23"	Top of Distribution Pipe or Proprietary Device		Reference Elevation	0"
		Bottom of Disposal Area			

DISPOSAL AREA CROSS SECTION

SCALE
VERTICAL: 1" = 5'
HORIZONTAL 1" = 5'

Note: This design requires installation of 14, 4'x8' concrete chambers set in trench configuration for serial distribution. The units are to be set on a 3-inch bed 1 1/2-inch clean crushed stone, and they have a one-foot wide band of 1 1/2-inch stone placed along the sides, up to the top of the units and covered with soil fabric.

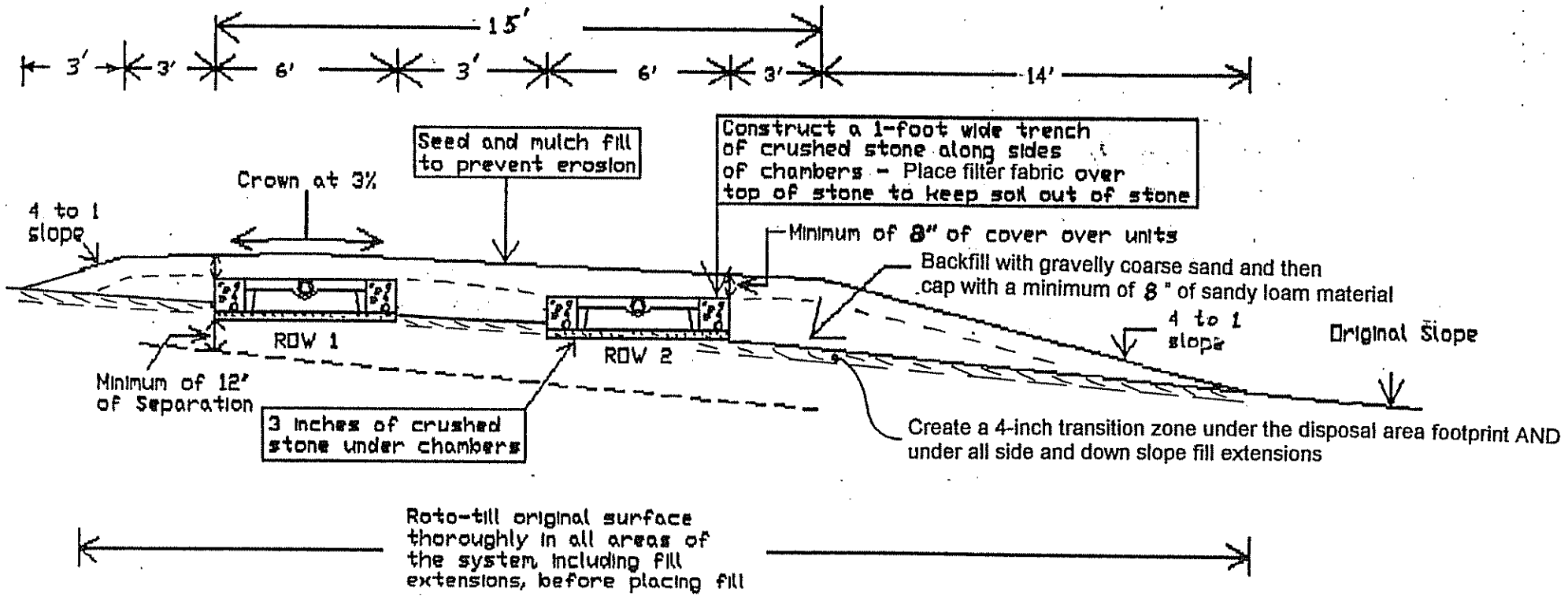
(See Attached Cross Section)

Kenneth G. Stratton 157 9/8/04 Rev. 6/2/06

ATTACHMENT TO FORM HHE-200

DISPOSAL AREA CROSS SECTION

Scale: Vertical: 1 inch = 5 feet
Horizontal: 1 inch = 5 feet



ELEVATIONS

	Top of Chambers	Bottom of Chambers	Bottom of stone	Final Grade
ROW 1	-20"	-33"	-36"	-12"
ROW 2	-30"	-43"	-46"	-22"

Depth of Fill (Upslope) = 18"

Depth of Fill (Downslope) = 23"

Reference Elevation is 0'

Kenneth G. Stratton

Kenneth G. Stratton S.E. #157

DATE: 9/8/04 Rev. 6/2/04 KGS